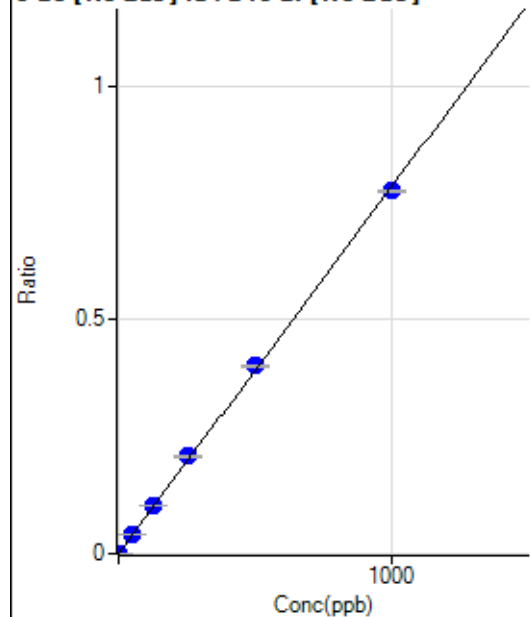


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7062624-MS.b\
 Analysis File: P7062624-MS.batch.bin
 DA Date-Time: 2024-06-26 17:50:53
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-06-26 14:35:19
2	005CALS.d	S02	2024-06-26 14:38:40
3	006CALS.d	S03	2024-06-26 14:42:02
4	007CALS.d	S04	2024-06-26 14:45:19
5	008CALS.d	S05	2024-06-26 14:48:29
6	009CALS.d	S06	2024-06-26 14:51:30
7	010CALS.d	S07	2024-06-26 14:54:27
8	011CALS.d	S08	2024-06-26 14:57:19

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	32.22	0.0000	P	24.4
2	<input type="checkbox"/>	1.000	0.979	540.01	0.0008	P	7.6
3	<input type="checkbox"/>	50.000	53.676	27555.57	0.0421	P	0.1
4	<input type="checkbox"/>	125.000	132.474	66804.68	0.1039	P	0.7
5	<input type="checkbox"/>	250.000	265.263	127609.20	0.2080	P	3.4
6	<input type="checkbox"/>	500.000	511.915	244471.23	0.4014	P	0.7
7	<input type="checkbox"/>	1000.000	989.109	474605.84	0.7755	P	0.5
8	<input type="checkbox"/>			597.79	0.0009	P	12.9

$$y = 7.8398\text{E-}004 * x + 4.9685\text{E-}005$$

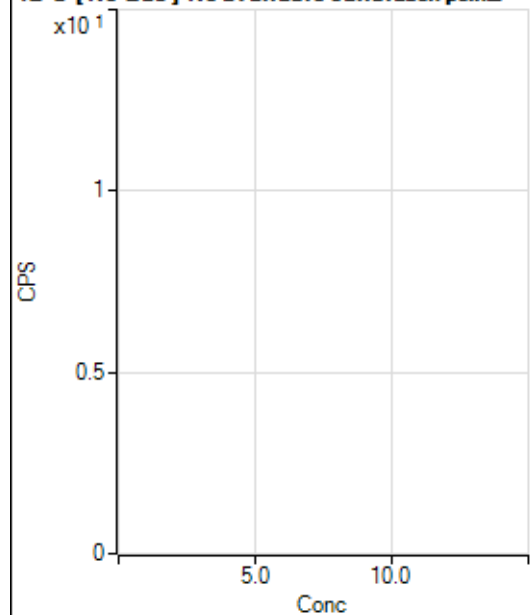
$$R = 0.9998$$

$$DL = 0.04647$$

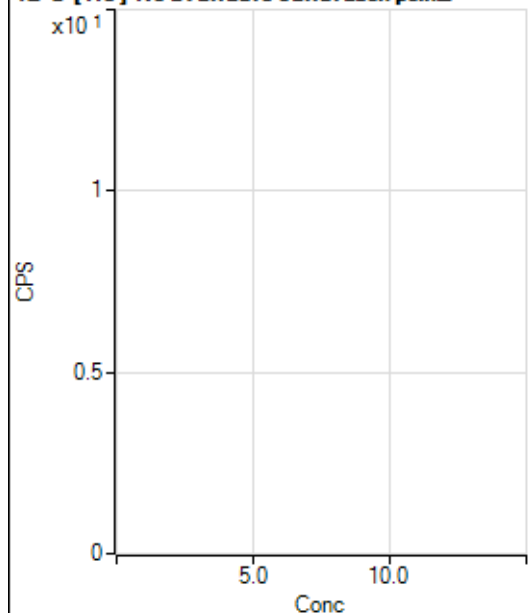
$$BEC = 0.06338$$

Weight: <None>

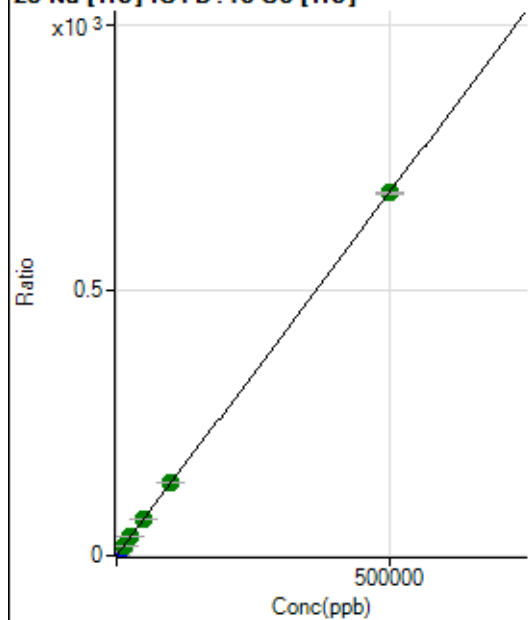
Min Conc: 0

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	7520.79	0.0529	P	3.0
2	<input type="checkbox"/>	500.000	495.601	104902.70	0.7303	P	0.6
3	<input type="checkbox"/>	5000.000	5318.519	1024672.16	7.3229	P	0.2
4	<input type="checkbox"/>	12500.000	12823.944	2357787.60	17.5823	A	0.6
5	<input type="checkbox"/>	25000.000	25568.789	4543654.38	35.0037	A	1.4
6	<input type="checkbox"/>	50000.000	51197.632	8850886.33	70.0366	A	0.4
7	<input type="checkbox"/>	100000.00	101308.03	17494898.77	138.5342	A	1.2
8	<input type="checkbox"/>	500000.00	499578.91	86456052.05	682.9437	A	0.8

$$y = 0.0014 * x + 0.0529$$

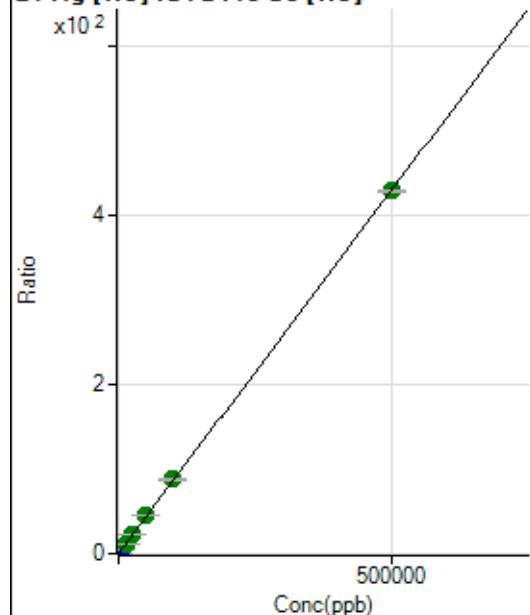
$$R = 1.0000$$

$$DL = 3.523$$

$$BEC = 38.68$$

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	881.14	0.0062	P	1.6
2	<input type="checkbox"/>	500.000	494.393	61980.77	0.4315	P	1.0
3	<input type="checkbox"/>	5000.000	5430.843	654615.07	4.6783	P	0.8
4	<input type="checkbox"/>	12500.000	13090.212	1510956.10	11.2676	A	1.3
5	<input type="checkbox"/>	25000.000	25880.977	2890929.09	22.2715	A	1.5
6	<input type="checkbox"/>	50000.000	51706.451	5622257.83	44.4890	A	0.3
7	<input type="checkbox"/>	100000.00	102324.39	11117365.67	88.0354	A	1.2
8	<input type="checkbox"/>	500000.00	499301.36	54379153.08	429.5530	A	0.7

$$y = 8.6030E-004 * x + 0.0062$$

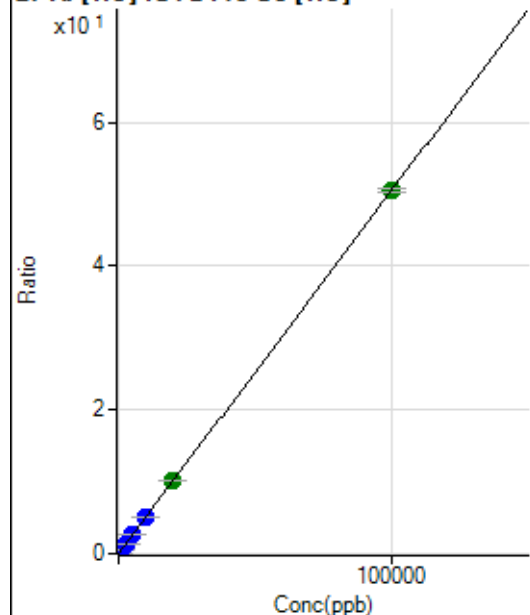
$$R = 1.0000$$

$$DL = 0.3476$$

$$BEC = 7.202$$

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	86.67	0.0006	P	30.6
2	<input type="checkbox"/>	20.000	20.621	1582.32	0.0110	P	4.8
3	<input type="checkbox"/>	1000.000	1030.744	72858.44	0.5207	P	0.9
4	<input type="checkbox"/>	2500.000	2593.336	175542.85	1.3091	P	0.3
5	<input type="checkbox"/>	5000.000	5145.637	337111.86	2.5969	P	0.7
6	<input type="checkbox"/>	10000.000	10294.878	656514.77	5.1950	P	0.3
7	<input type="checkbox"/>	20000.000	20122.717	1282322.58	10.1537	A	0.5
8	<input type="checkbox"/>	100000.00	99936.046	6383301.22	50.4241	A	1.2

$$y = 5.0456E-004 * x + 6.0994E-004$$

$$R = 1.0000$$

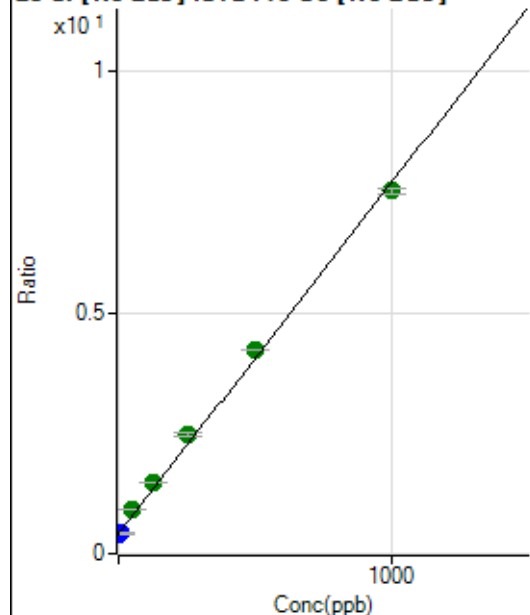
$$DL = 1.108$$

$$BEC = 1.209$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	701521.54	0.4149	P	1.7
2	<input type="checkbox"/>	10.000	0.750	713809.43	0.4204	P	0.6
3	<input type="checkbox"/>	50.000	70.428	1553036.70	0.9281	A	1.2
4	<input type="checkbox"/>	125.000	146.941	2396346.98	1.4856	A	1.0
5	<input type="checkbox"/>	250.000	281.661	3839202.62	2.4672	A	4.0
6	<input type="checkbox"/>	500.000	523.937	6502576.22	4.2326	A	0.7
7	<input type="checkbox"/>	1000.000	976.445	11534668.58	7.5298	A	1.7
8	<input type="checkbox"/>			771639.44	0.4884	P	2.6

$$y = 0.0073 * x + 0.4149$$

$$R = 0.9986$$

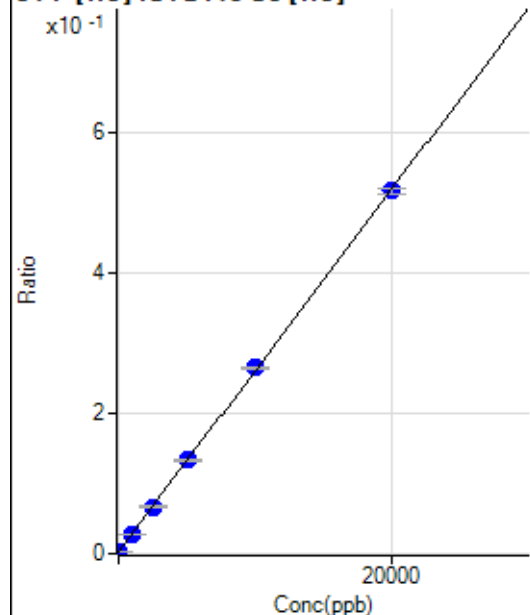
$$DL = 2.908$$

$$BEC = 56.94$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-8.026	378.90	0.0027	P	9.5
2	<input type="checkbox"/>	0.000	8.026	442.23	0.0031	P	0.7
3	<input type="checkbox"/>	1000.000	979.772	3944.99	0.0282	P	0.5
4	<input type="checkbox"/>	2500.000	2464.642	8926.01	0.0666	P	2.4
5	<input type="checkbox"/>	5000.000	5043.745	17296.52	0.1332	P	2.1
6	<input type="checkbox"/>	10000.000	10144.638	33496.62	0.2651	P	0.6
7	<input type="checkbox"/>	20000.000	19922.176	65383.16	0.5178	P	1.5
8	<input type="checkbox"/>			396.68	0.0031	P	7.3

$$y = 2.5845E-005 * x + 0.0029$$

$$R = 1.0000$$

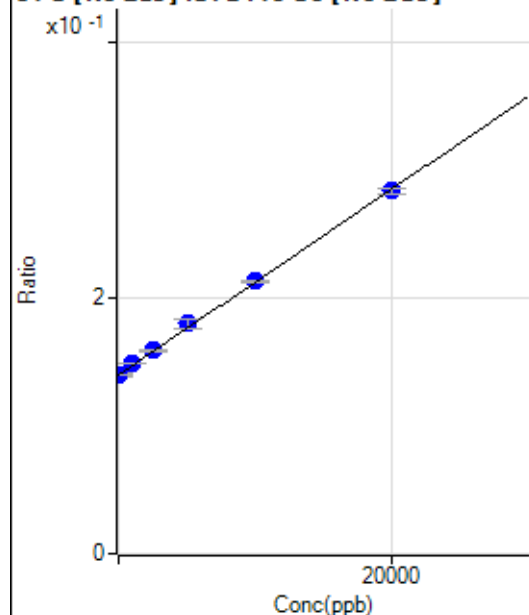
$$DL = 16$$

$$BEC = 111.1$$

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	0.864	236633.23	0.1399	P	1.1
2	<input type="checkbox"/>	0.000	-0.864	237619.05	0.1399	P	0.6
3	<input type="checkbox"/>	1000.000	1283.548	249804.28	0.1493	P	0.5
4	<input type="checkbox"/>	2500.000	2614.048	256389.37	0.1589	P	0.4
5	<input type="checkbox"/>	5000.000	5499.621	279959.98	0.1799	P	4.0
6	<input type="checkbox"/>	10000.000	10082.580	327616.13	0.2132	P	0.5
7	<input type="checkbox"/>	20000.000	19805.371	434924.53	0.2839	P	1.7
8	<input type="checkbox"/>			222465.78	0.1408	P	1.5

$$y = 7.2700\text{E-}006 * x + 0.1399$$

$$R = 0.9996$$

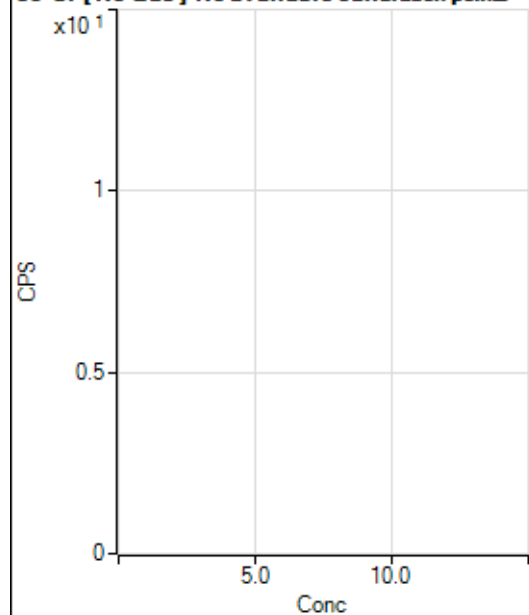
$$DL = 486.8$$

$$BEC = 1.925\text{E}+04$$

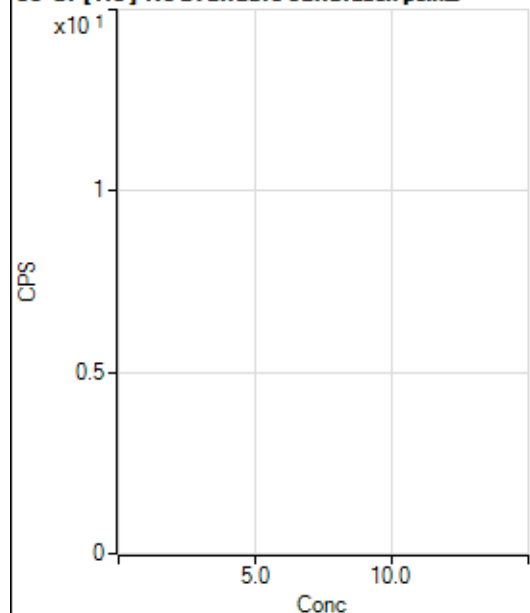
Weight: <None>

Min Conc: 0

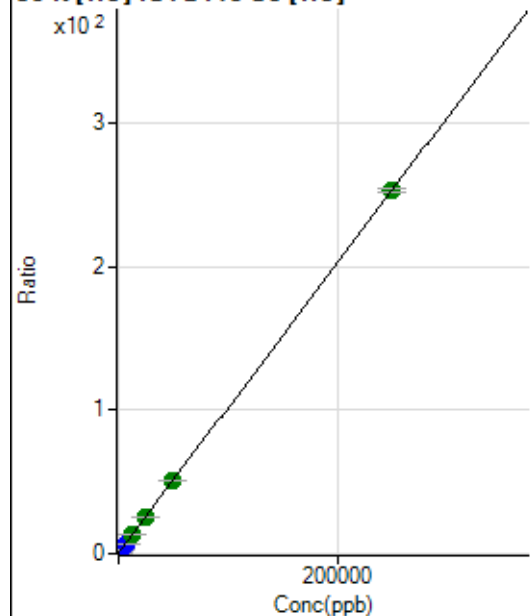
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<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	76442.88	0.5375	P	0.7
2	<input type="checkbox"/>	500.000	480.609	146860.38	1.0225	P	0.7
3	<input type="checkbox"/>	2500.000	2635.084	447282.42	3.1965	P	0.3
4	<input type="checkbox"/>	6250.000	6589.952	963791.05	7.1873	P	0.2
5	<input type="checkbox"/>	12500.000	12637.002	1725138.91	13.2893	A	0.7
6	<input type="checkbox"/>	25000.000	25107.807	3269747.14	25.8734	A	0.1
7	<input type="checkbox"/>	50000.000	49740.023	6406440.94	50.7294	A	0.7
8	<input type="checkbox"/>	250000.00	250024.55	32007219.24	252.8337	A	1.0

$$y = 0.0010 * x + 0.5375$$

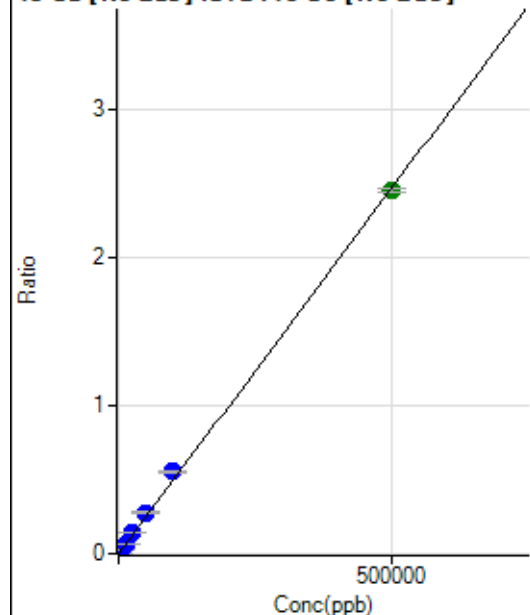
$$R = 1.0000$$

$$DL = 10.91$$

$$BEC = 532.6$$

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	185.56	0.0001	P	9.6
2	<input type="checkbox"/>	500.000	493.491	4319.54	0.0025	P	3.6
3	<input type="checkbox"/>	5000.000	5746.991	47624.46	0.0285	P	0.5
4	<input type="checkbox"/>	12500.000	14234.337	113435.06	0.0703	P	1.2
5	<input type="checkbox"/>	25000.000	28667.833	220201.38	0.1415	P	4.1
6	<input type="checkbox"/>	50000.000	56523.580	428504.41	0.2789	P	0.7
7	<input type="checkbox"/>	100000.00	112094.02	847123.54	0.5530	P	2.1
8	<input type="checkbox"/>	500000.00	496694.62	3871433.28	2.4501	A	0.9

$$y = 4.9327E-006 * x + 1.0979E-004$$

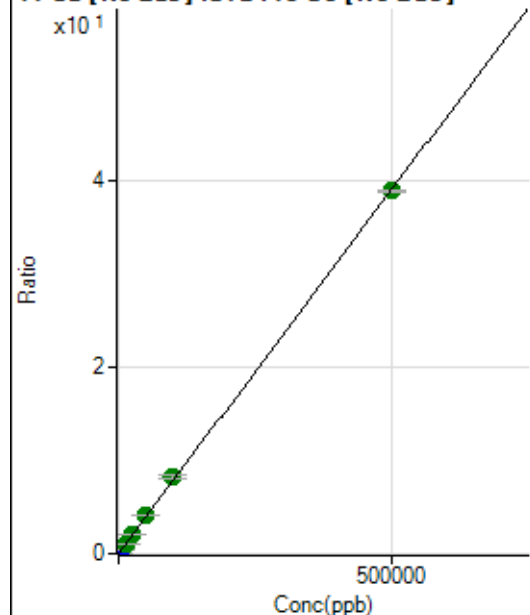
$$R = 0.9996$$

$$DL = 6.411$$

$$BEC = 22.26$$

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	14163.36	0.0084	P	2.9
2	<input type="checkbox"/>	500.000	499.018	80241.64	0.0473	P	1.6
3	<input type="checkbox"/>	5000.000	5632.446	748360.99	0.4472	P	0.9
4	<input type="checkbox"/>	12500.000	13356.623	1692085.58	1.0490	A	0.9
5	<input type="checkbox"/>	25000.000	27000.553	3286068.60	2.1120	A	4.2
6	<input type="checkbox"/>	50000.000	52883.109	6342843.38	4.1285	A	0.6
7	<input type="checkbox"/>	100000.00	105336.53	12582674.81	8.2151	A	3.1
8	<input type="checkbox"/>	500000.00	498516.61	61384177.98	38.8478	A	0.8

$$y = 7.7910E-005 * x + 0.0084$$

$$R = 0.9999$$

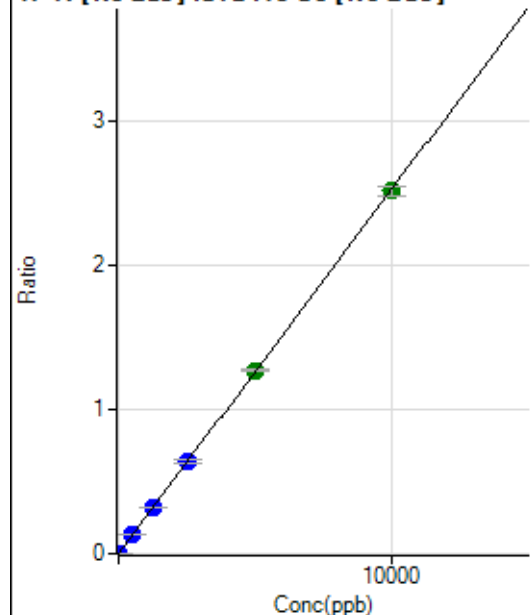
$$DL = 9.447$$

$$BEC = 107.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	73.34	0.0000	P	8.6
2	<input type="checkbox"/>	5.000	4.419	1964.60	0.0012	P	6.4
3	<input type="checkbox"/>	500.000	507.862	214232.76	0.1280	P	1.0
4	<input type="checkbox"/>	1250.000	1267.478	515280.06	0.3194	P	0.5
5	<input type="checkbox"/>	2500.000	2554.551	1001721.22	0.6438	P	3.9
6	<input type="checkbox"/>	5000.000	5040.641	1951438.88	1.2702	A	1.6
7	<input type="checkbox"/>	10000.000	9963.464	3845752.41	2.5107	A	2.5
8	<input type="checkbox"/>			782.25	0.0005	P	7.4

$$y = 2.5199\text{E-}004 * x + 4.3388\text{E-}005$$

$$R = 1.0000$$

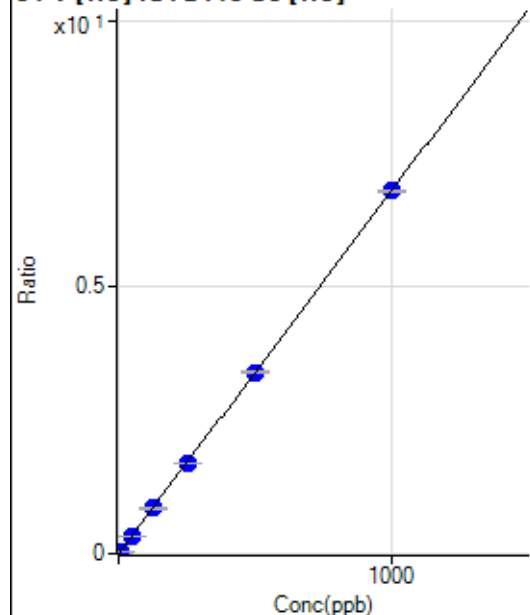
$$DL = 0.04439$$

$$BEC = 0.1722$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	7.78	0.0001	P	89.2
2	<input type="checkbox"/>	5.000	4.764	4665.20	0.0325	P	3.0
3	<input type="checkbox"/>	50.000	49.937	47563.59	0.3399	P	1.3
4	<input type="checkbox"/>	125.000	124.833	113944.75	0.8497	P	1.0
5	<input type="checkbox"/>	250.000	249.012	220014.08	1.6949	P	0.9
6	<input type="checkbox"/>	500.000	500.652	430627.44	3.4076	P	0.6
7	<input type="checkbox"/>	1000.000	999.946	859479.98	6.8059	P	0.9
8	<input type="checkbox"/>			327.79	0.0026	P	18.5

$$y = 0.0068 * x + 5.4520\text{E-}005$$

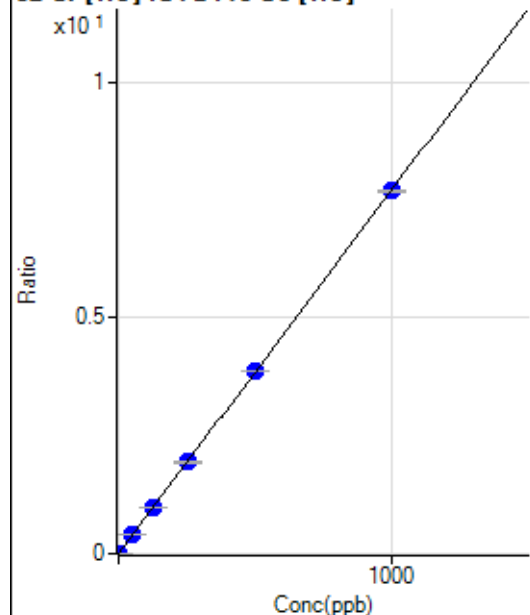
$$R = 1.0000$$

$$DL = 0.02143$$

$$BEC = 0.00801$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	255.56	0.0018	P	9.9
2	<input type="checkbox"/>	2.000	1.950	2416.88	0.0168	P	2.7
3	<input type="checkbox"/>	50.000	50.899	55145.91	0.3941	P	1.4
4	<input type="checkbox"/>	125.000	126.220	130700.99	0.9747	P	0.6
5	<input type="checkbox"/>	250.000	251.471	251848.22	1.9401	P	1.0
6	<input type="checkbox"/>	500.000	502.359	489566.83	3.8740	P	0.5
7	<input type="checkbox"/>	1000.000	998.256	971943.68	7.6963	P	0.7
8	<input type="checkbox"/>			9045.00	0.0714	P	2.0

$$y = 0.0077 * x + 0.0018$$

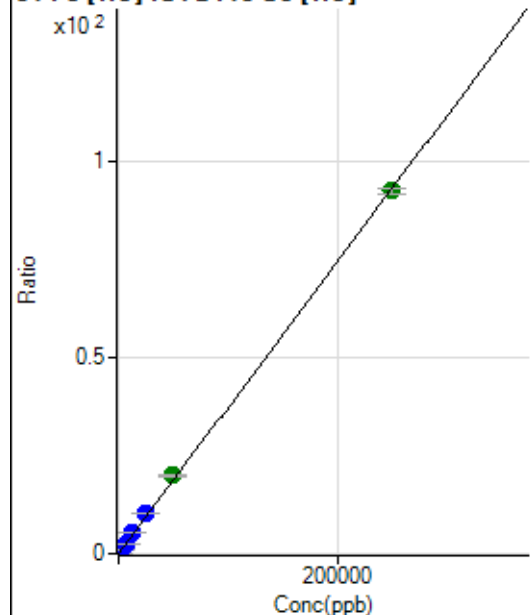
$$R = 1.0000$$

$$DL = 0.06944$$

$$BEC = 0.2331$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	1222.28	0.0086	P	3.3
2	<input type="checkbox"/>	50.000	55.287	4185.07	0.0291	P	4.3
3	<input type="checkbox"/>	2500.000	2829.567	148286.67	1.0598	P	0.5
4	<input type="checkbox"/>	6250.000	7018.008	350750.16	2.6157	P	0.7
5	<input type="checkbox"/>	12500.000	13966.778	674650.81	5.1971	P	0.9
6	<input type="checkbox"/>	25000.000	27860.499	1309055.61	10.3586	P	0.1
7	<input type="checkbox"/>	50000.000	53551.244	2513400.54	19.9025	A	0.8
8	<input type="checkbox"/>	250000.00	248907.86	11706793.86	92.4759	A	1.3

$$y = 3.7149E-004 * x + 0.0086$$

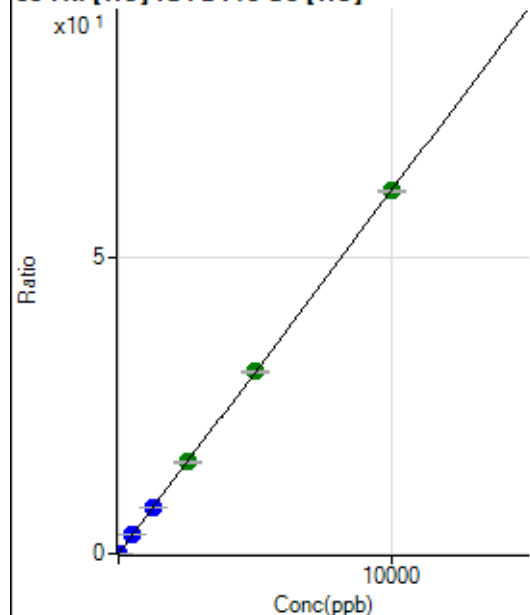
$$R = 0.9999$$

$$DL = 2.317$$

$$BEC = 23.14$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	154.45	0.0011	P	17.2
2	<input type="checkbox"/>	1.000	0.951	994.49	0.0069	P	4.4
3	<input type="checkbox"/>	500.000	512.817	440347.81	3.1471	P	0.8
4	<input type="checkbox"/>	1250.000	1273.154	1047494.64	7.8115	P	0.4
5	<input type="checkbox"/>	2500.000	2517.955	2005328.60	15.4480	A	0.9
6	<input type="checkbox"/>	5000.000	5007.056	3881935.92	30.7179	A	0.8
7	<input type="checkbox"/>	10000.000	9988.448	7738716.62	61.2774	A	0.4
8	<input type="checkbox"/>			4301.77	0.0340	P	2.6

$$y = 0.0061 * x + 0.0011$$

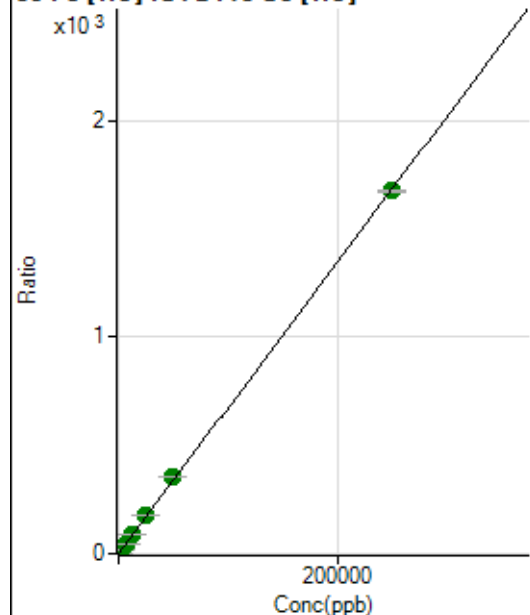
$$R = 1.0000$$

$$DL = 0.09155$$

$$BEC = 0.1771$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	6540.38	0.0460	P	4.0
2	<input type="checkbox"/>	50.000	52.486	57238.80	0.3985	P	1.5
3	<input type="checkbox"/>	2500.000	2682.230	2527160.71	18.0605	A	0.3
4	<input type="checkbox"/>	6250.000	6642.590	5988473.87	44.6593	A	0.7
5	<input type="checkbox"/>	12500.000	13233.353	11544482.75	88.9245	A	0.2
6	<input type="checkbox"/>	25000.000	26325.292	22349738.83	176.8533	A	0.1
7	<input type="checkbox"/>	50000.000	52437.285	44481511.00	352.2280	A	0.7
8	<input type="checkbox"/>	250000.00	249331.70	211995812.3	1,674.620	A	0.8

$$y = 0.0067 * x + 0.0460$$

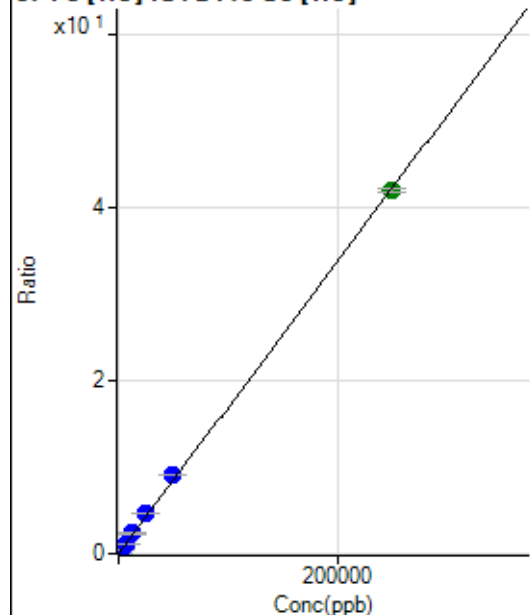
$$R = 0.9999$$

$$DL = 0.8294$$

$$BEC = 6.848$$

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	253.34	0.0018	P	1.7
2	<input type="checkbox"/>	50.000	53.584	1553.43	0.0108	P	5.3
3	<input type="checkbox"/>	2500.000	2819.807	66780.84	0.4773	P	1.0
4	<input type="checkbox"/>	6250.000	6903.331	156330.72	1.1658	P	0.5
5	<input type="checkbox"/>	12500.000	13889.420	304250.79	2.3438	P	1.1
6	<input type="checkbox"/>	25000.000	27556.630	587441.49	4.6484	P	0.0
7	<input type="checkbox"/>	50000.000	54440.700	1159516.02	9.1816	P	0.9
8	<input type="checkbox"/>	250000.00	248767.19	5310521.97	41.9492	A	1.0

$$y = 1.6862\text{E-}004 * x + 0.0018$$

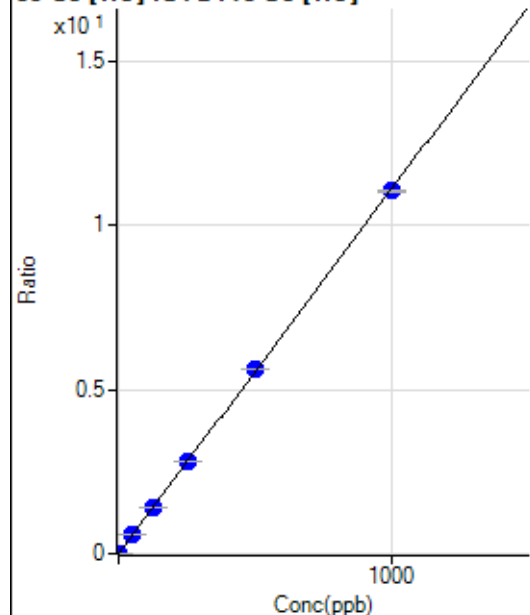
$$R = 0.9998$$

$$DL = 0.5395$$

$$BEC = 10.56$$

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	34.44	0.0002	P	28.2
2	<input type="checkbox"/>	1.000	1.002	1631.22	0.0114	P	4.9
3	<input type="checkbox"/>	50.000	51.463	79911.00	0.5711	P	0.5
4	<input type="checkbox"/>	125.000	127.873	190231.09	1.4186	P	0.5
5	<input type="checkbox"/>	250.000	254.817	366953.29	2.8267	P	0.5
6	<input type="checkbox"/>	500.000	506.204	709610.00	5.6151	P	0.3
7	<input type="checkbox"/>	1000.000	995.261	1394199.67	11.0398	P	0.5
8	<input type="checkbox"/>			4231.75	0.0334	P	5.8

$$y = 0.0111 * x + 2.4233\text{E-}004$$

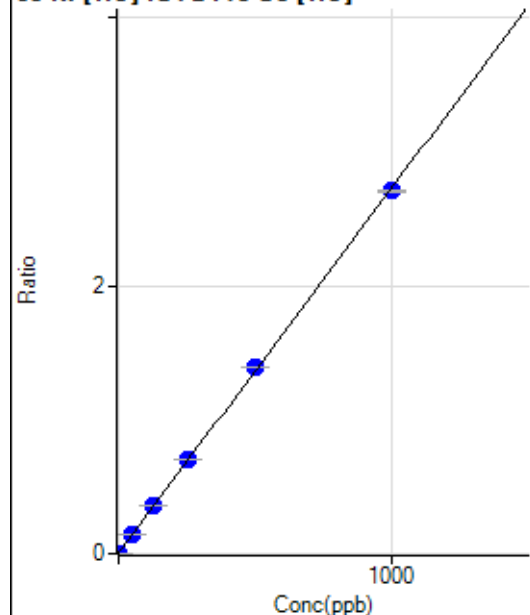
$$R = 1.0000$$

$$DL = 0.01849$$

$$BEC = 0.02185$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	553.35	0.0039	P	7.0
2	<input type="checkbox"/>	1.000	0.904	912.26	0.0064	P	2.7
3	<input type="checkbox"/>	50.000	53.287	20840.11	0.1489	P	1.0
4	<input type="checkbox"/>	125.000	130.936	48311.96	0.3603	P	1.6
5	<input type="checkbox"/>	250.000	257.011	91313.37	0.7034	P	0.8
6	<input type="checkbox"/>	500.000	508.664	175456.37	1.3884	P	0.4
7	<input type="checkbox"/>	1000.000	993.009	341825.18	2.7067	P	0.2
8	<input type="checkbox"/>			3192.60	0.0252	P	6.7

$$y = 0.0027 * x + 0.0039$$

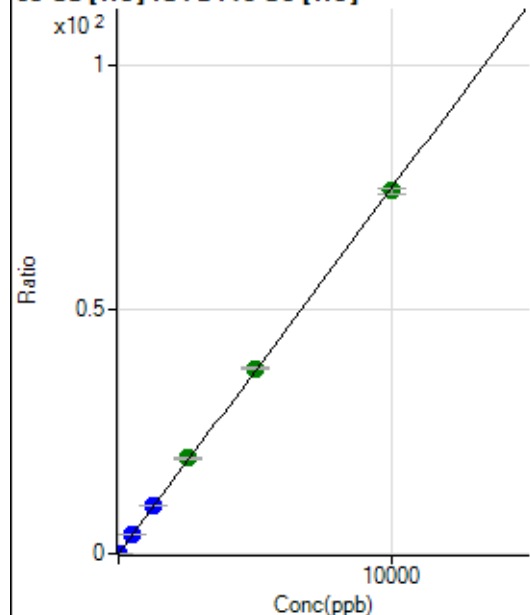
$$R = 0.9999$$

$$DL = 0.3004$$

$$BEC = 1.429$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1400.08	0.0098	P	5.7
2	<input type="checkbox"/>	2.000	1.995	3559.35	0.0248	P	1.2
3	<input type="checkbox"/>	500.000	527.212	553503.48	3.9558	P	0.5
4	<input type="checkbox"/>	1250.000	1302.869	1308935.00	9.7611	P	0.3
5	<input type="checkbox"/>	2500.000	2603.998	2531294.79	19.4994	A	0.9
6	<input type="checkbox"/>	5000.000	5076.980	4803308.89	38.0084	A	1.1
7	<input type="checkbox"/>	10000.000	9927.541	9384647.64	74.3123	A	1.3
8	<input type="checkbox"/>			5183.17	0.0409	P	1.7

$$y = 0.0075 * x + 0.0098$$

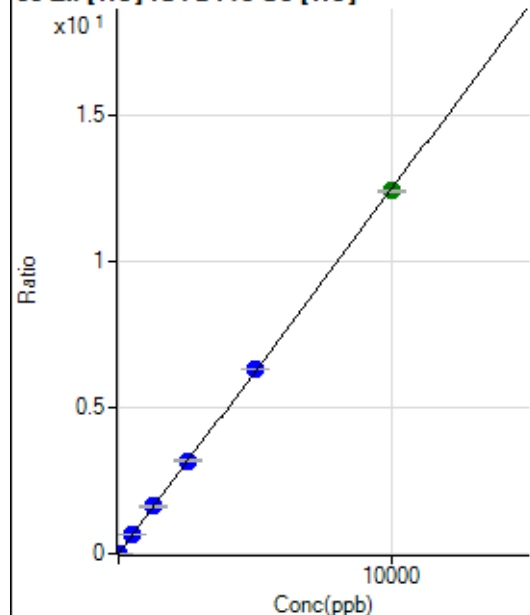
$$R = 0.9999$$

$$DL = 0.2239$$

$$BEC = 1.315$$

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	163.34	0.0011	P	18.1
2	<input type="checkbox"/>	5.000	5.054	1071.16	0.0075	P	3.8
3	<input type="checkbox"/>	500.000	516.595	90376.55	0.6459	P	0.9
4	<input type="checkbox"/>	1250.000	1292.413	216455.03	1.6142	P	0.4
5	<input type="checkbox"/>	2500.000	2553.219	413810.43	3.1878	P	1.0
6	<input type="checkbox"/>	5000.000	5058.717	798041.12	6.3149	P	0.4
7	<input type="checkbox"/>	10000.000	9951.205	1568652.18	12.4212	A	0.7
8	<input type="checkbox"/>			522.24	0.0041	P	9.8

$$y = 0.0012 * x + 0.0011$$

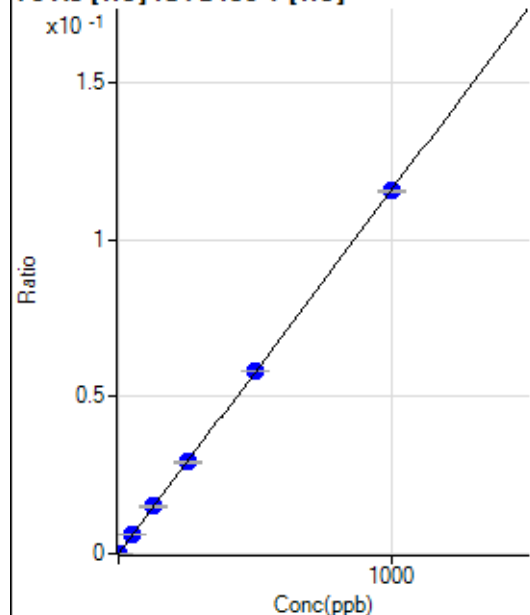
$$R = 1.0000$$

$$DL = 0.4993$$

$$BEC = 0.9201$$

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	1.11	0.0000	P	173.
2	<input type="checkbox"/>	1.000	0.949	116.67	0.0001	P	15.2
3	<input type="checkbox"/>	50.000	51.567	6131.32	0.0060	P	1.1
4	<input type="checkbox"/>	125.000	130.037	14868.64	0.0151	P	2.0
5	<input type="checkbox"/>	250.000	252.168	28197.92	0.0292	P	0.9
6	<input type="checkbox"/>	500.000	501.281	54796.04	0.0580	P	0.4
7	<input type="checkbox"/>	1000.000	998.110	109368.93	0.1156	P	0.8
8	<input type="checkbox"/>			108.89	0.0001	P	13.4

$$y = 1.1580E-004 * x + 1.0630E-006$$

$$R = 1.0000$$

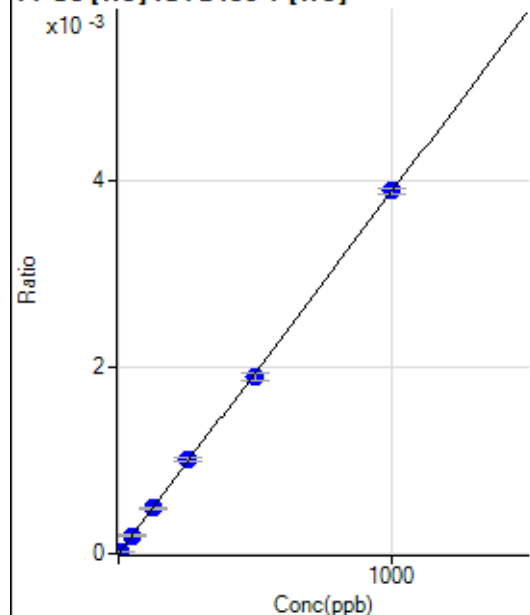
$$DL = 0.0477$$

$$BEC = 0.00918$$

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	5.178	21.11	0.0000	P	32.9
3	<input type="checkbox"/>	50.000	49.118	195.56	0.0002	P	8.3
4	<input type="checkbox"/>	125.000	125.385	480.01	0.0005	P	3.4
5	<input type="checkbox"/>	250.000	262.003	981.15	0.0010	P	3.7
6	<input type="checkbox"/>	500.000	488.851	1789.01	0.0019	P	4.3
7	<input type="checkbox"/>	1000.000	1002.569	3678.27	0.0039	P	1.8
8	<input type="checkbox"/>			11.11	0.0000	P	16.6

$$y = 3.8772\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

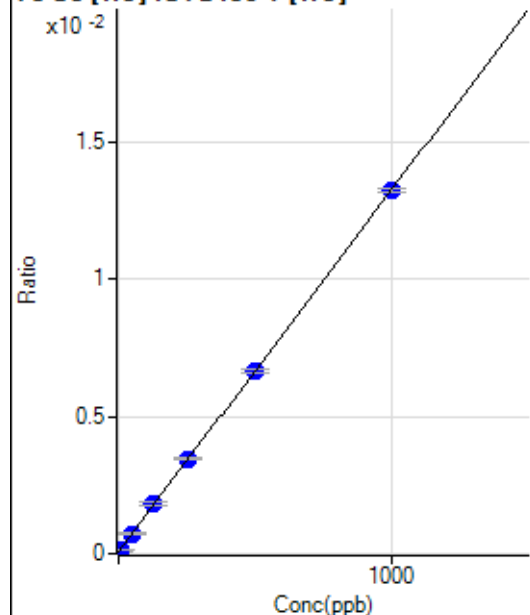
$$DL = 0$$

$$BEC = 0$$

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	82.22	0.0001	P	25.9
2	<input type="checkbox"/>	5.000	2.510	117.78	0.0001	P	10.3
3	<input type="checkbox"/>	50.000	49.053	744.47	0.0007	P	4.0
4	<input type="checkbox"/>	125.000	131.607	1790.12	0.0018	P	5.7
5	<input type="checkbox"/>	250.000	257.126	3348.19	0.0035	P	0.3
6	<input type="checkbox"/>	500.000	499.374	6286.95	0.0067	P	2.2
7	<input type="checkbox"/>	1000.000	997.766	12516.48	0.0132	P	1.1
8	<input type="checkbox"/>			95.55	0.0001	P	40.7

$$y = 1.3178\text{E-}005 * x + 7.8876\text{E-}005$$

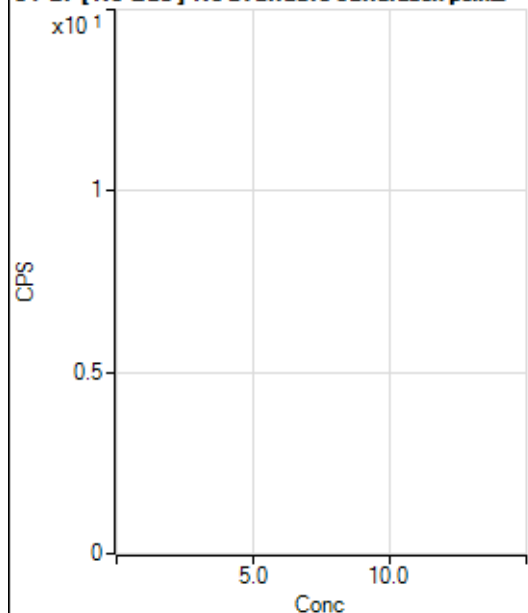
$$R = 0.9999$$

$$DL = 4.645$$

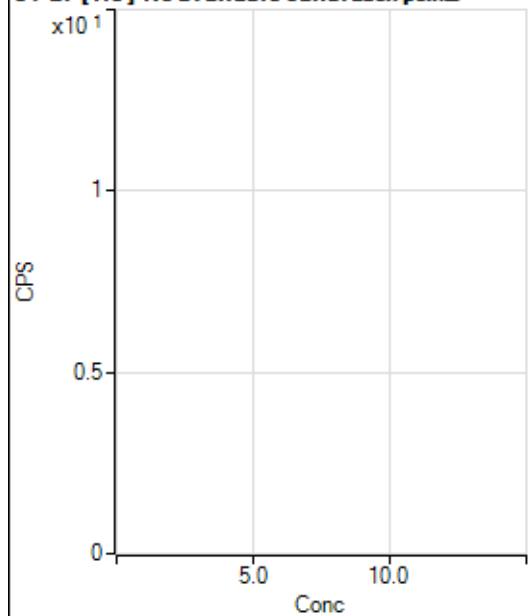
$$BEC = 5.986$$

Weight: <None>

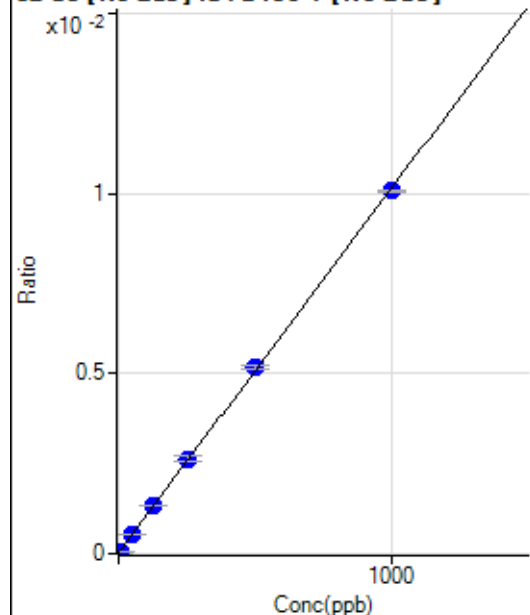
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			22536.22		P	1.4
2	<input type="checkbox"/>			22183.43		P	0.8
3	<input type="checkbox"/>			21180.85		P	2.2
4	<input type="checkbox"/>			20143.83		P	2.8
5	<input type="checkbox"/>			19589.78		P	2.7
6	<input type="checkbox"/>			18798.72		P	2.8
7	<input type="checkbox"/>			18806.51		P	1.6
8	<input type="checkbox"/>			19736.66		P	3.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			48.89		P	38.8
2	<input type="checkbox"/>			52.22		P	19.5
3	<input type="checkbox"/>			38.89		P	17.8
4	<input type="checkbox"/>			41.11		P	40.0
5	<input type="checkbox"/>			35.55		P	10.8
6	<input type="checkbox"/>			34.44		P	29.6
7	<input type="checkbox"/>			38.89		P	30.1
8	<input type="checkbox"/>			33.33		P	30.0

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	99.67	0.0000	P	37.2
2	<input type="checkbox"/>	5.000	5.187	321.78	0.0001	P	3.4
3	<input type="checkbox"/>	50.000	51.857	2275.17	0.0005	P	2.7
4	<input type="checkbox"/>	125.000	128.620	5385.07	0.0013	P	1.2
5	<input type="checkbox"/>	250.000	257.552	10251.21	0.0026	P	5.2
6	<input type="checkbox"/>	500.000	509.231	20086.48	0.0052	P	1.7
7	<input type="checkbox"/>	1000.000	992.950	39108.28	0.0101	P	0.3
8	<input type="checkbox"/>			187.62	0.0000	P	4.2

$$y = 1.0133\text{E-}005 * x + 2.3902\text{E-}005$$

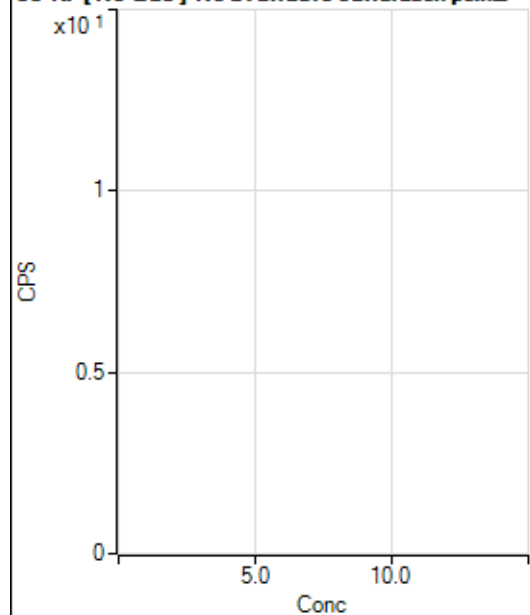
$$R = 0.9999$$

$$DL = 2.633$$

$$BEC = 2.359$$

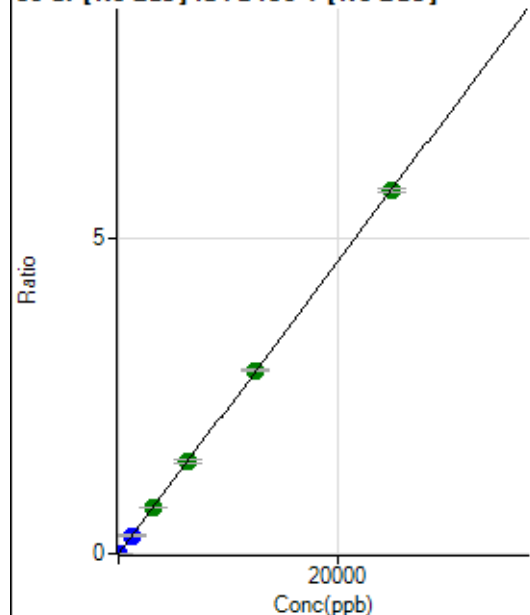
Weight: <None>

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"/>			37.78		P	22.2
2	<input type="checkbox"/>			36.67		P	15.7
3	<input type="checkbox"/>			37.78		P	25.5
4	<input type="checkbox"/>			34.45		P	31.1
5	<input type="checkbox"/>			43.34		P	13.3
6	<input type="checkbox"/>			44.45		P	43.9
7	<input type="checkbox"/>			55.56		P	25.0
8	<input type="checkbox"/>			36.67		P	39.6

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	66.67	0.0000	P	26.2
2	<input type="checkbox"/>	1.000	0.908	948.93	0.0002	P	6.4
3	<input type="checkbox"/>	1250.000	1247.789	1191977.51	0.2878	P	1.3
4	<input type="checkbox"/>	3125.000	3130.465	2929708.98	0.7221	A	1.6
5	<input type="checkbox"/>	6250.000	6354.304	5707671.37	1.4656	A	2.8
6	<input type="checkbox"/>	12500.000	12598.205	11258826.36	2.9058	A	0.4
7	<input type="checkbox"/>	25000.000	24924.249	22290619.67	5.7488	A	1.2
8	<input type="checkbox"/>			3907.22	0.0010	P	2.9

$$y = 2.3065E-004 * x + 1.5966E-005$$

$$R = 1.0000$$

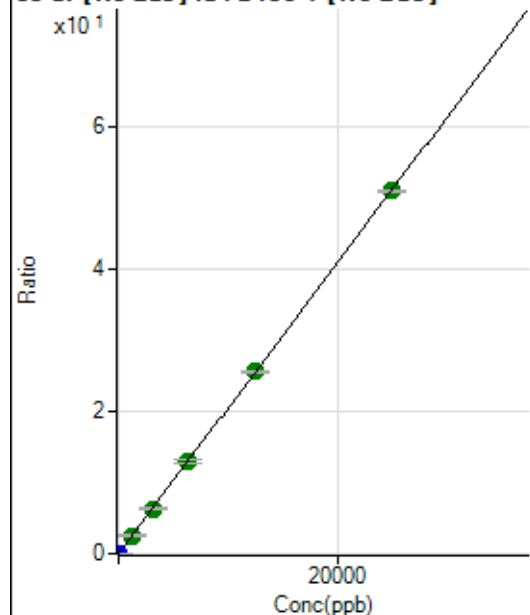
$$DL = 0.05432$$

$$BEC = 0.06922$$

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	135.56	0.0000	P	12.3
2	<input type="checkbox"/>	1.000	0.952	8307.96	0.0020	P	1.5
3	<input type="checkbox"/>	1250.000	1254.175	10593736.58	2.5580	A	1.8
4	<input type="checkbox"/>	3125.000	3108.862	25727773.23	6.3409	A	0.6
5	<input type="checkbox"/>	6250.000	6316.914	50167577.59	12.8840	A	3.4
6	<input type="checkbox"/>	12500.000	12511.996	98877667.41	25.5195	A	0.4
7	<input type="checkbox"/>	25000.000	24979.082	197547921.5	50.9474	A	0.7
8	<input type="checkbox"/>			32371.17	0.0083	P	0.9

$$y = 0.0020 * x + 3.2490E-005$$

$$R = 1.0000$$

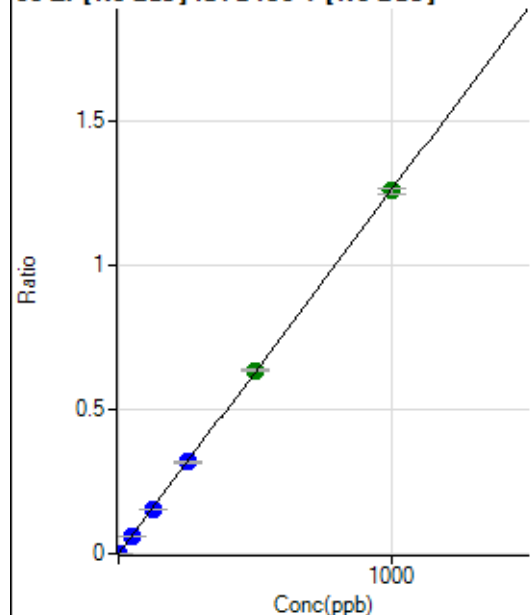
$$DL = 0.005859$$

$$BEC = 0.01593$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	187.78	0.0000	P	13.9
2	<input type="checkbox"/>	1.000	0.902	4984.23	0.0012	P	1.8
3	<input type="checkbox"/>	50.000	49.582	259544.95	0.0627	P	1.0
4	<input type="checkbox"/>	125.000	122.931	630162.89	0.1553	P	1.0
5	<input type="checkbox"/>	250.000	251.528	1237290.44	0.3177	P	3.1
6	<input type="checkbox"/>	500.000	504.507	2469078.75	0.6373	A	1.1
7	<input type="checkbox"/>	1000.000	997.644	4885926.80	1.2601	A	1.6
8	<input type="checkbox"/>			2726.95	0.0007	P	1.7

$$y = 0.0013 * x + 4.5019E-005$$

$$R = 1.0000$$

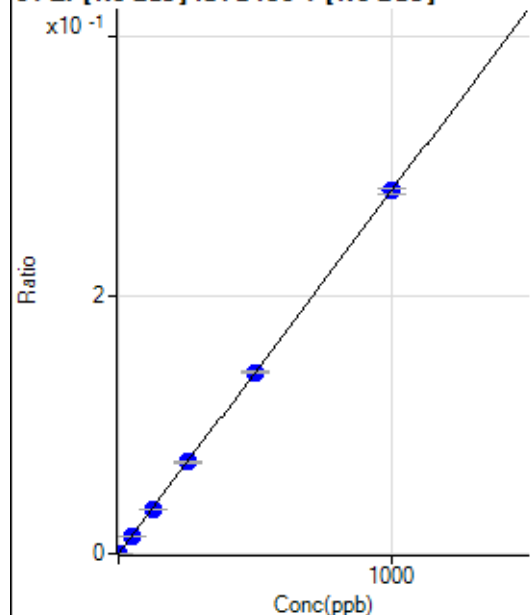
$$DL = 0.01487$$

$$BEC = 0.03564$$

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	<input type="checkbox"/>	0.000	0.000	28.89	0.0000	P	40.1
2	<input type="checkbox"/>	1.000	0.908	1103.38	0.0003	P	2.6
3	<input type="checkbox"/>	50.000	49.786	57972.67	0.0140	P	0.9
4	<input type="checkbox"/>	125.000	123.646	141016.08	0.0348	P	0.8
5	<input type="checkbox"/>	250.000	252.561	276433.33	0.0710	P	2.8
6	<input type="checkbox"/>	500.000	499.356	543754.35	0.1403	P	0.6
7	<input type="checkbox"/>	1000.000	999.862	1089519.86	0.2810	P	1.4
8	<input type="checkbox"/>			598.91	0.0002	P	5.3

$$y = 2.8103E-004 * x + 6.9151E-006$$

$$R = 1.0000$$

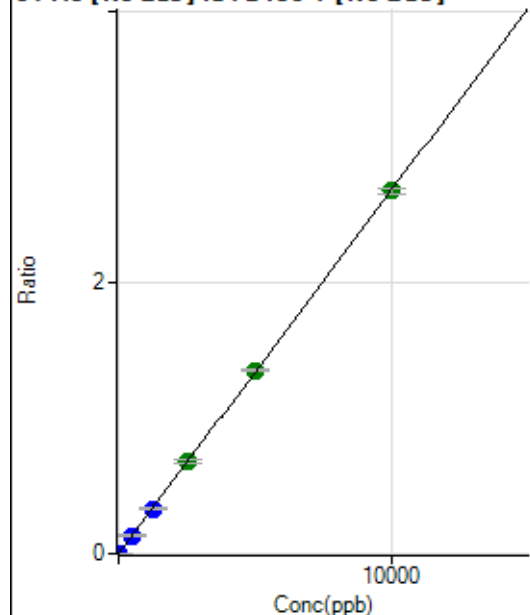
$$DL = 0.02964$$

$$BEC = 0.02461$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	103.33	0.0000	P	45.7
2	<input type="checkbox"/>	5.000	5.016	5774.53	0.0014	P	1.0
3	<input type="checkbox"/>	500.000	501.161	557551.63	0.1346	P	1.2
4	<input type="checkbox"/>	1250.000	1240.245	1351630.43	0.3331	P	1.2
5	<input type="checkbox"/>	2500.000	2533.989	2650048.99	0.6806	A	3.6
6	<input type="checkbox"/>	5000.000	5028.324	5232881.21	1.3505	A	1.0
7	<input type="checkbox"/>	10000.000	9978.502	10391765.75	2.6801	A	1.3
8	<input type="checkbox"/>			4956.44	0.0013	P	6.9

$$y = 2.6858E-004 * x + 2.4762E-005$$

$$R = 1.0000$$

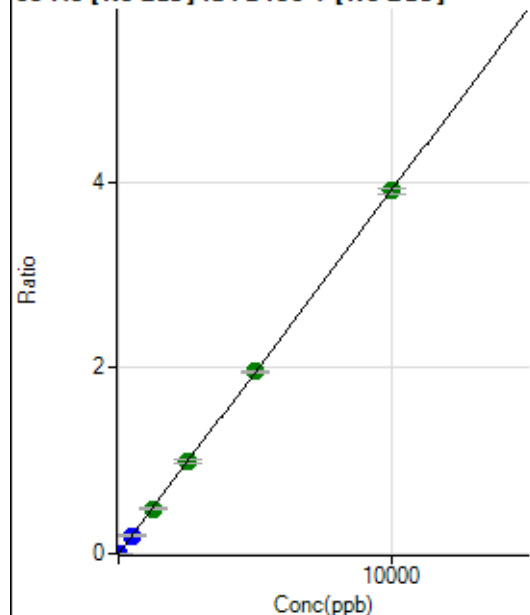
$$DL = 0.1263$$

$$BEC = 0.0922$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	105.56	0.0000	P	17.3
2	<input type="checkbox"/>	5.000	4.109	6863.88	0.0016	P	1.2
3	<input type="checkbox"/>	500.000	500.887	810588.62	0.1957	P	1.5
4	<input type="checkbox"/>	1250.000	1243.964	1972097.61	0.4861	A	1.3
5	<input type="checkbox"/>	2500.000	2538.597	3862396.33	0.9919	A	3.2
6	<input type="checkbox"/>	5000.000	5004.379	7576244.61	1.9553	A	0.2
7	<input type="checkbox"/>	10000.000	9988.872	15132690.19	3.9029	A	1.7
8	<input type="checkbox"/>			7003.97	0.0018	P	2.6

$$y = 3.9072E-004 * x + 2.5296E-005$$

$$R = 1.0000$$

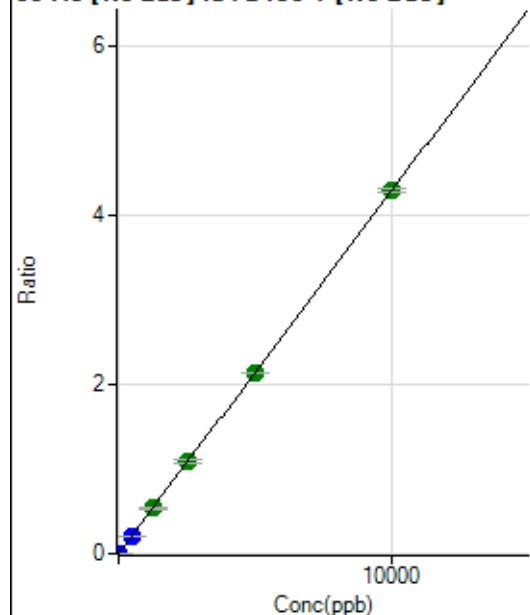
$$DL = 0.0337$$

$$BEC = 0.06474$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	64.45	0.0000	P	24.1
2	<input type="checkbox"/>	5.000	4.364	7944.45	0.0019	P	1.5
3	<input type="checkbox"/>	500.000	499.831	887959.51	0.2144	P	1.1
4	<input type="checkbox"/>	1250.000	1252.906	2180502.61	0.5374	A	1.7
5	<input type="checkbox"/>	2500.000	2539.911	4241654.00	1.0895	A	3.9
6	<input type="checkbox"/>	5000.000	4978.501	8273907.24	2.1354	A	0.7
7	<input type="checkbox"/>	10000.000	10000.417	16632183.22	4.2895	A	1.1
8	<input type="checkbox"/>			8681.54	0.0022	P	1.9

$$y = 4.2893\text{E-}004 * x + 1.5433\text{E-}005$$

$$R = 1.0000$$

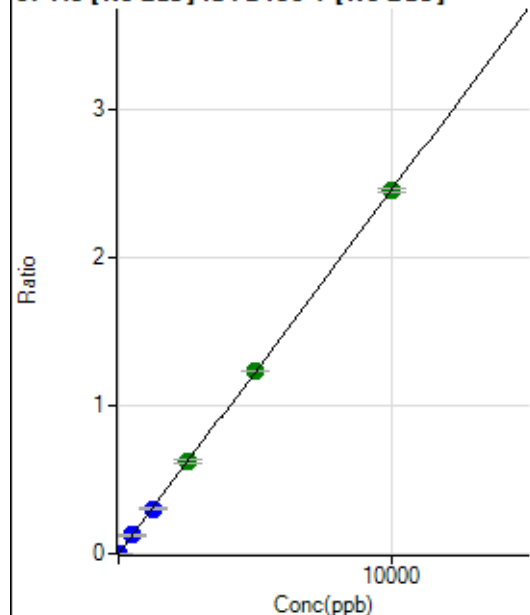
$$DL = 0.02597$$

$$BEC = 0.03598$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	42.22	0.0000	P	37.7
2	<input type="checkbox"/>	5.000	4.290	4469.61	0.0011	P	2.5
3	<input type="checkbox"/>	500.000	502.892	510622.38	0.1233	P	1.4
4	<input type="checkbox"/>	1250.000	1242.969	1236437.79	0.3047	P	0.7
5	<input type="checkbox"/>	2500.000	2547.381	2431454.16	0.6245	A	3.9
6	<input type="checkbox"/>	5000.000	5016.467	4765240.59	1.2298	A	0.3
7	<input type="checkbox"/>	10000.000	9980.656	9487487.08	2.4469	A	1.1
8	<input type="checkbox"/>			4286.22	0.0011	P	3.6

$$y = 2.4516\text{E-}004 * x + 1.0128\text{E-}005$$

$$R = 1.0000$$

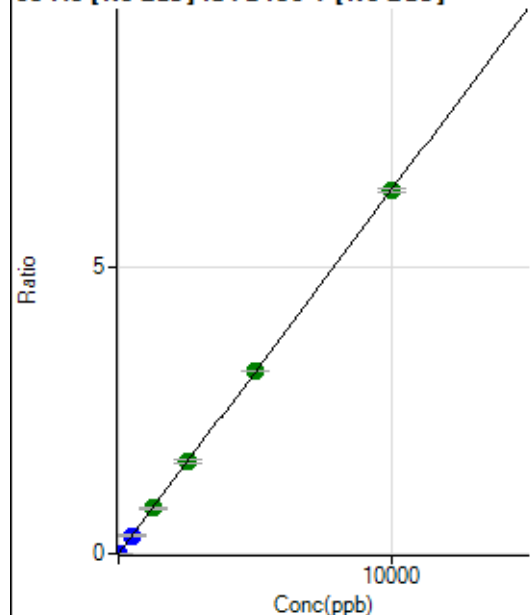
$$DL = 0.04679$$

$$BEC = 0.04131$$

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	64.44	0.0000	P	17.7
2	<input type="checkbox"/>	5.000	4.252	11397.88	0.0027	P	1.8
3	<input type="checkbox"/>	500.000	502.037	1316579.39	0.3179	P	1.2
4	<input type="checkbox"/>	1250.000	1243.426	3194703.81	0.7874	A	0.4
5	<input type="checkbox"/>	2500.000	2536.202	6253777.89	1.6059	A	3.0
6	<input type="checkbox"/>	5000.000	5034.722	12352320.09	3.1880	A	0.2
7	<input type="checkbox"/>	10000.000	9974.309	24488637.41	6.3157	A	1.2
8	<input type="checkbox"/>			11045.40	0.0028	P	1.6

$$y = 6.3320\text{E-}004 * x + 1.5436\text{E-}005$$

$$R = 1.0000$$

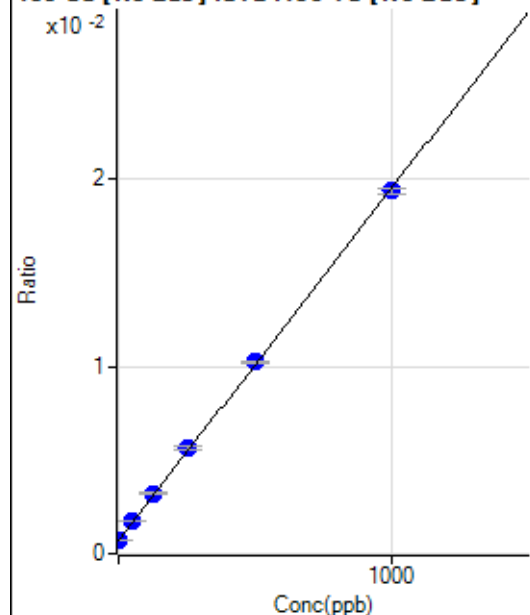
$$DL = 0.01298$$

$$BEC = 0.02438$$

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	3414.88	0.0007	P	5.1
2	<input type="checkbox"/>	1.000	0.875	3522.68	0.0007	P	1.3
3	<input type="checkbox"/>	50.000	53.856	8319.13	0.0017	P	1.4
4	<input type="checkbox"/>	125.000	132.750	15159.11	0.0032	P	2.8
5	<input type="checkbox"/>	250.000	261.600	26416.34	0.0056	P	2.8
6	<input type="checkbox"/>	500.000	506.424	48295.46	0.0102	P	1.1
7	<input type="checkbox"/>	1000.000	992.727	91965.11	0.0194	P	1.3
8	<input type="checkbox"/>			3133.70	0.0007	P	1.3

$$y = 1.8832\text{E-}005 * x + 7.0256\text{E-}004$$

$$R = 0.9999$$

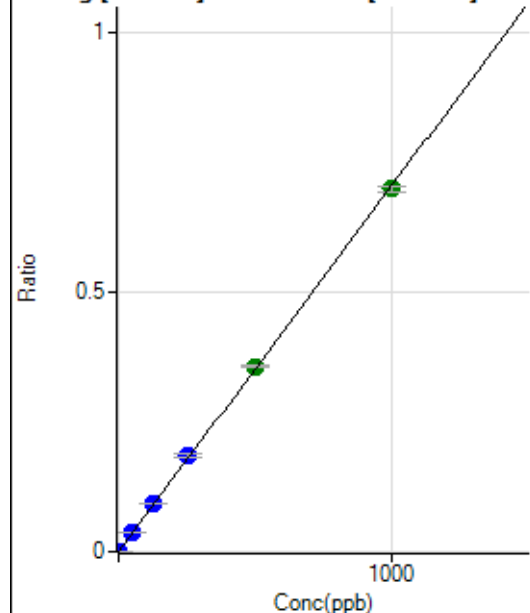
$$DL = 5.762$$

$$BEC = 37.31$$

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	<input type="checkbox"/>	0.000	0.000	45.56	0.0000	P	25.5
2	<input type="checkbox"/>	1.000	0.994	3476.01	0.0007	P	4.8
3	<input type="checkbox"/>	50.000	54.357	185532.19	0.0383	P	1.5
4	<input type="checkbox"/>	125.000	133.415	444778.86	0.0940	P	0.5
5	<input type="checkbox"/>	250.000	262.717	868266.72	0.1850	P	2.4
6	<input type="checkbox"/>	500.000	506.994	1683998.81	0.3570	A	1.2
7	<input type="checkbox"/>	1000.000	992.054	3312188.49	0.6986	A	1.6
8	<input type="checkbox"/>			631.13	0.0001	P	4.4

$$y = 7.0421\text{E-}004 * x + 9.3692\text{E-}006$$

$$R = 0.9999$$

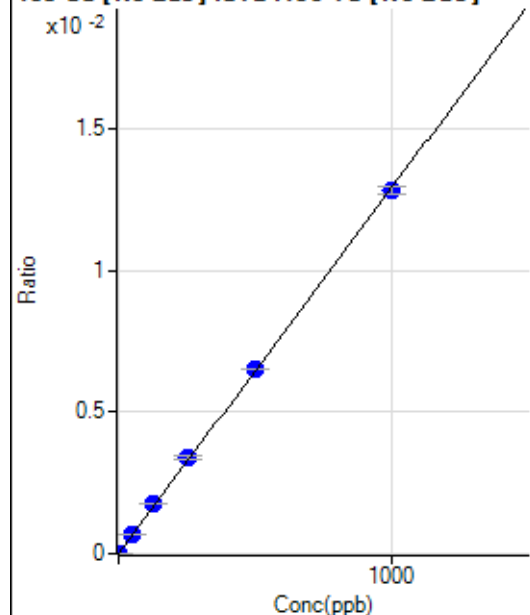
$$DL = 0.01019$$

$$BEC = 0.0133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	6.67	0.0000	P	132.
2	<input type="checkbox"/>	1.000	0.753	54.44	0.0000	P	27.1
3	<input type="checkbox"/>	50.000	53.493	3355.98	0.0007	P	1.3
4	<input type="checkbox"/>	125.000	135.599	8300.22	0.0018	P	1.0
5	<input type="checkbox"/>	250.000	261.971	15890.99	0.0034	P	2.7
6	<input type="checkbox"/>	500.000	506.655	30885.08	0.0065	P	0.2
7	<input type="checkbox"/>	1000.000	992.180	60785.45	0.0128	P	2.1
8	<input type="checkbox"/>			76.66	0.0000	P	19.4

$$y = 1.2921\text{E-}005 * x + 1.3776\text{E-}006$$

$$R = 0.9999$$

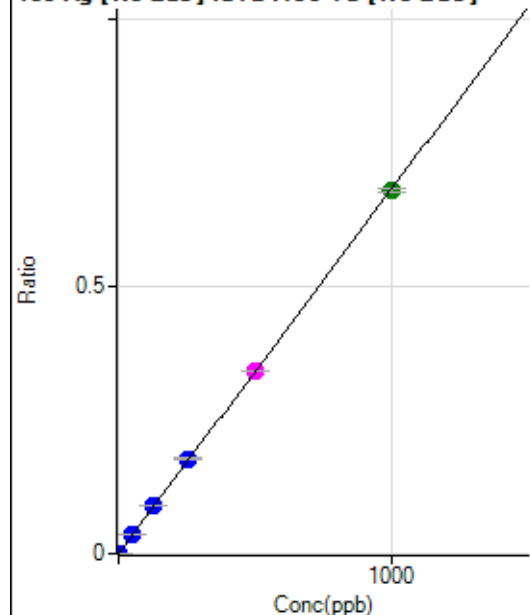
$$DL = 0.4239$$

$$BEC = 0.1066$$

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	17.78	0.0000	P	38.7
2	<input type="checkbox"/>	1.000	0.962	3232.62	0.0007	P	2.4
3	<input type="checkbox"/>	50.000	53.903	178260.79	0.0368	P	1.0
4	<input type="checkbox"/>	125.000	132.434	427812.09	0.0904	P	0.1
5	<input type="checkbox"/>	250.000	260.240	833508.35	0.1776	P	1.6
6	<input type="checkbox"/>	500.000	501.908	1615570.62	0.3425	M	0.6
7	<input type="checkbox"/>	1000.000	995.362	3220312.42	0.6792	A	1.2
8	<input type="checkbox"/>			645.58	0.0001	P	19.5

$$y = 6.8239E-004 * x + 3.6525E-006$$

$$R = 0.9999$$

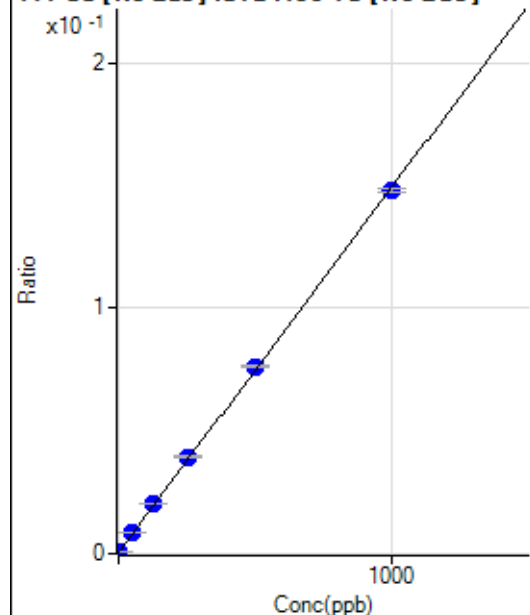
$$DL = 0.006222$$

$$BEC = 0.005353$$

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	2385.74	0.0005	P	4.9
2	<input type="checkbox"/>	1.000	1.029	3153.34	0.0006	P	1.2
3	<input type="checkbox"/>	50.000	53.494	40890.26	0.0084	P	1.7
4	<input type="checkbox"/>	125.000	132.438	95465.96	0.0202	P	0.6
5	<input type="checkbox"/>	250.000	262.713	185480.67	0.0395	P	2.3
6	<input type="checkbox"/>	500.000	508.851	358900.70	0.0761	P	0.8
7	<input type="checkbox"/>	1000.000	991.292	700593.55	0.1478	P	1.2
8	<input type="checkbox"/>			2311.04	0.0005	P	0.6

$$y = 1.4857E-004 * x + 4.9083E-004$$

$$R = 0.9998$$

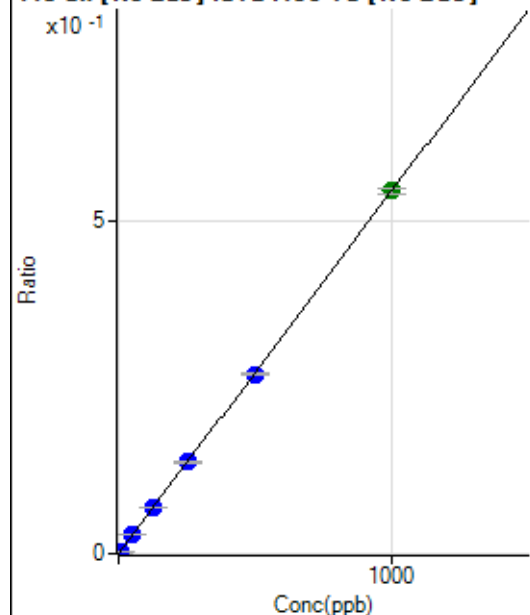
$$DL = 0.4867$$

$$BEC = 3.304$$

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	887.95	0.0002	P	71.2
2	<input type="checkbox"/>	5.000	4.578	13116.06	0.0027	P	2.5
3	<input type="checkbox"/>	50.000	51.026	135639.95	0.0280	P	1.7
4	<input type="checkbox"/>	125.000	127.552	329934.46	0.0697	P	0.4
5	<input type="checkbox"/>	250.000	253.690	649719.09	0.1384	P	2.4
6	<input type="checkbox"/>	500.000	495.652	1274987.53	0.2703	P	0.8
7	<input type="checkbox"/>	1000.000	1000.883	2587058.50	0.5457	A	1.4
8	<input type="checkbox"/>			1889.03	0.0004	P	3.1

$$y = 5.4501\text{E-}004 * x + 1.8253\text{E-}004$$

$$R = 1.0000$$

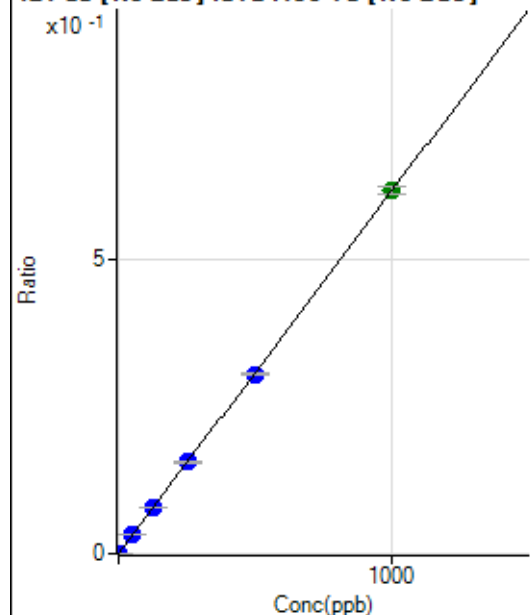
$$DL = 0.7154$$

$$BEC = 0.3349$$

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	14.44	0.0000	P	35.8
2	<input type="checkbox"/>	2.000	1.941	5872.36	0.0012	P	1.9
3	<input type="checkbox"/>	50.000	50.860	151841.58	0.0313	P	1.0
4	<input type="checkbox"/>	125.000	127.285	371191.23	0.0784	P	0.9
5	<input type="checkbox"/>	250.000	253.516	732940.60	0.1562	P	2.3
6	<input type="checkbox"/>	500.000	494.914	1438044.61	0.3049	P	1.0
7	<input type="checkbox"/>	1000.000	1001.336	2924524.12	0.6169	A	2.1
8	<input type="checkbox"/>			2043.50	0.0004	P	6.5

$$y = 6.1604\text{E-}004 * x + 2.9746\text{E-}006$$

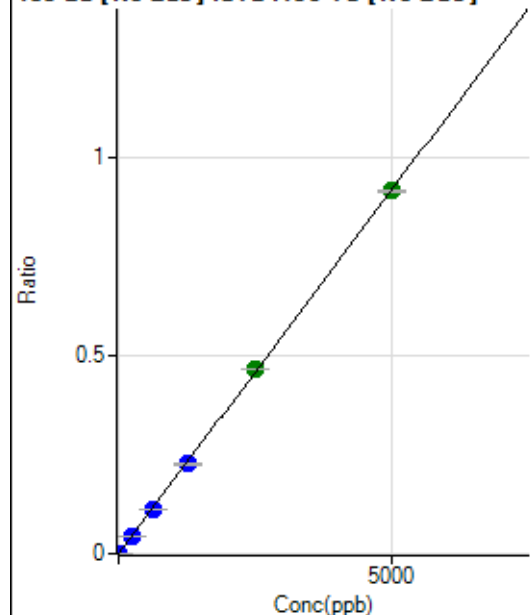
$$R = 1.0000$$

$$DL = 0.005184$$

$$BEC = 0.004829$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	6.67	0.0000	P	49.8
2	<input type="checkbox"/>	10.000	9.202	8275.80	0.0017	P	1.0
3	<input type="checkbox"/>	250.000	246.356	218991.51	0.0452	P	0.7
4	<input type="checkbox"/>	625.000	617.241	535964.17	0.1132	P	0.7
5	<input type="checkbox"/>	1250.000	1230.076	1058882.22	0.2256	P	2.5
6	<input type="checkbox"/>	2500.000	2530.932	2189812.90	0.4643	A	0.4
7	<input type="checkbox"/>	5000.000	4990.668	4340432.47	0.9155	A	0.6
8	<input type="checkbox"/>			1386.75	0.0003	P	5.4

$$y = 1.8343\text{E-}004 * x + 1.3706\text{E-}006$$

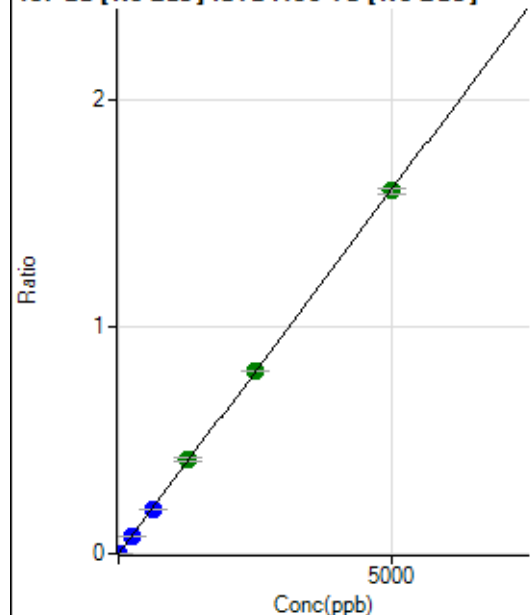
$$R = 1.0000$$

$$DL = 0.01115$$

$$BEC = 0.007472$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	25.55	0.0000	P	42.1
2	<input type="checkbox"/>	10.000	9.125	14347.34	0.0029	P	2.8
3	<input type="checkbox"/>	250.000	247.929	384973.90	0.0794	P	1.6
4	<input type="checkbox"/>	625.000	617.688	936918.09	0.1979	P	0.4
5	<input type="checkbox"/>	1250.000	1287.315	1935565.40	0.4125	A	3.3
6	<input type="checkbox"/>	2500.000	2514.773	3800721.23	0.8058	A	0.5
7	<input type="checkbox"/>	5000.000	4984.304	7571888.77	1.5971	A	1.5
8	<input type="checkbox"/>			2445.79	0.0005	P	4.5

$$y = 3.2042\text{E-}004 * x + 5.2591\text{E-}006$$

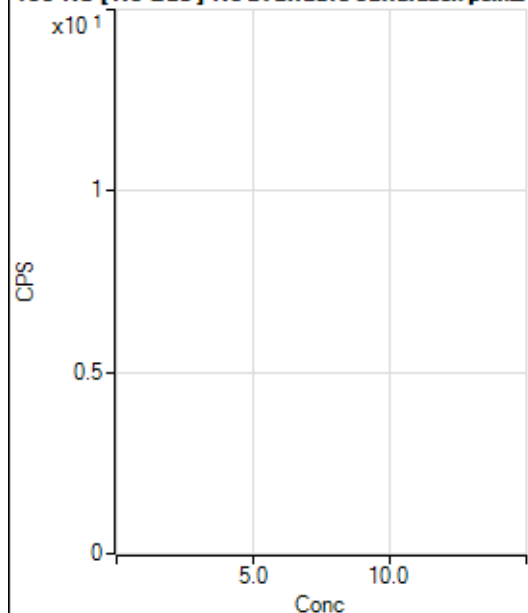
$$R = 1.0000$$

$$DL = 0.02074$$

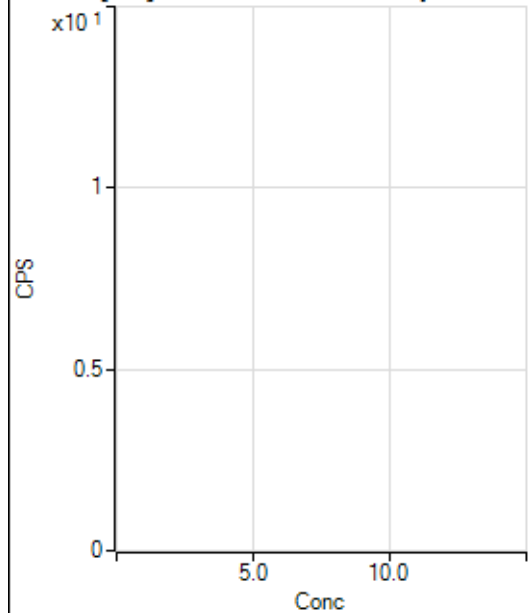
$$BEC = 0.01641$$

Weight: <None>

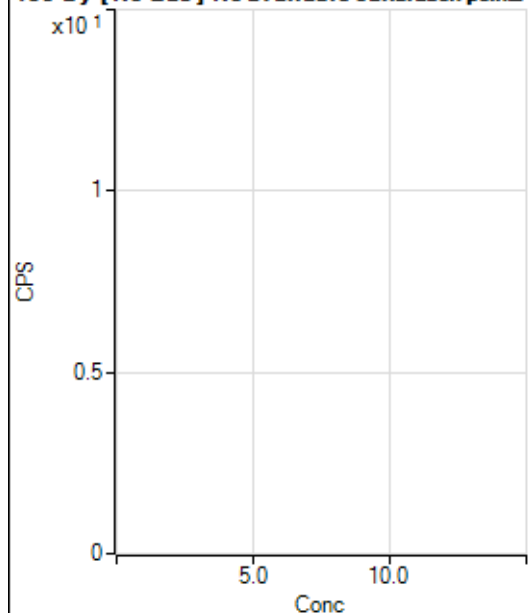
Min Conc: 0

150 Nd [No Gas] No available calibration points

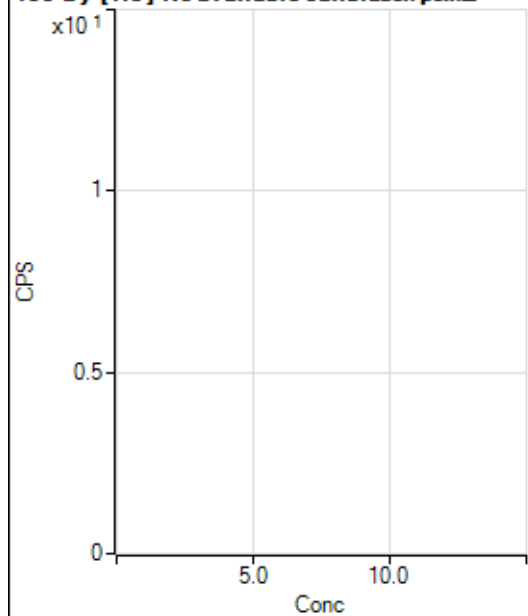
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			6.67		P	50.0
3	<input type="checkbox"/>			111.11		P	27.9
4	<input type="checkbox"/>			214.45		P	11.0
5	<input type="checkbox"/>			371.12		P	5.8
6	<input type="checkbox"/>			695.58		P	10.5
7	<input type="checkbox"/>			1421.20		P	8.4
8	<input type="checkbox"/>			87.78		P	18.7

150 Nd [He] No available calibration points

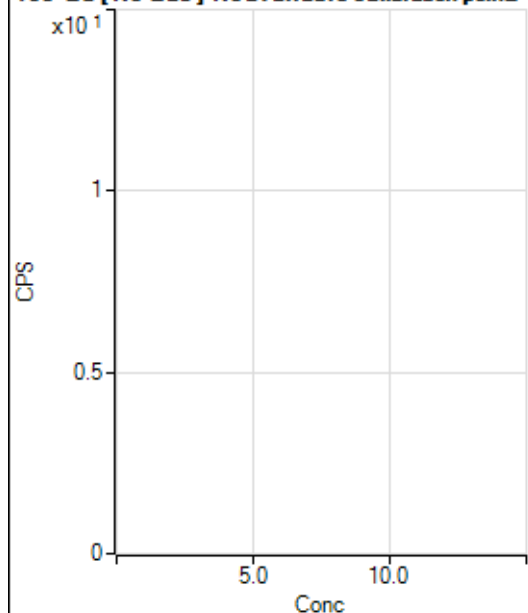
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	43.4
2	<input type="checkbox"/>			0.00		P	
3	<input type="checkbox"/>			12.22		P	15.7
4	<input type="checkbox"/>			47.78		P	35.1
5	<input type="checkbox"/>			63.33		P	42.1
6	<input type="checkbox"/>			143.34		P	8.4
7	<input type="checkbox"/>			267.78		P	9.0
8	<input type="checkbox"/>			34.44		P	14.8

156 Dy [No Gas] No available calibration points

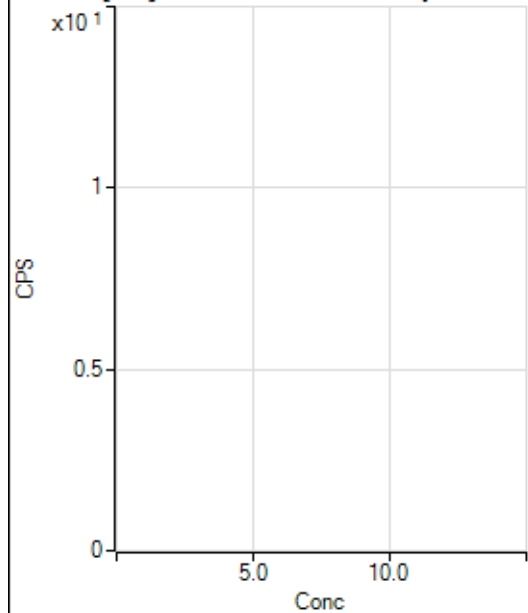
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			6.67		P	86.6
2	<input type="checkbox"/>			8.89		P	94.4
3	<input type="checkbox"/>			16.67		P	52.9
4	<input type="checkbox"/>			25.56		P	49.4
5	<input type="checkbox"/>			62.22		P	26.4
6	<input type="checkbox"/>			102.22		P	23.6
7	<input type="checkbox"/>			225.56		P	6.0
8	<input type="checkbox"/>			180.00		P	14.5

156 Dy [He] No available calibration points

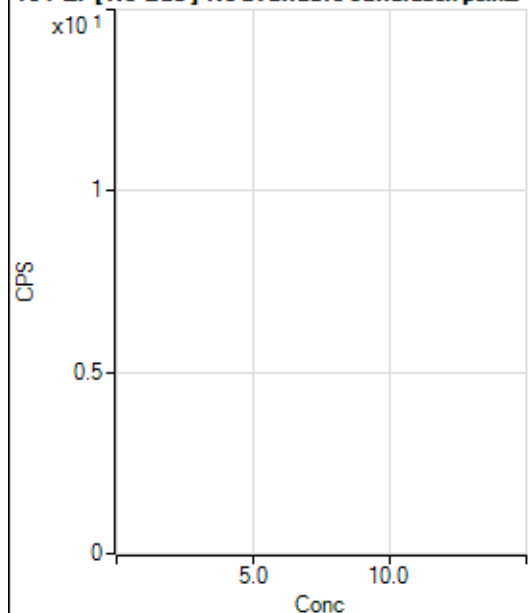
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	173.
2	<input type="checkbox"/>			2.22		P	86.6
3	<input type="checkbox"/>			17.78		P	65.8
4	<input type="checkbox"/>			28.89		P	29.0
5	<input type="checkbox"/>			65.56		P	21.2
6	<input type="checkbox"/>			92.22		P	5.5
7	<input type="checkbox"/>			225.56		P	3.1
8	<input type="checkbox"/>			110.00		P	13.2

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

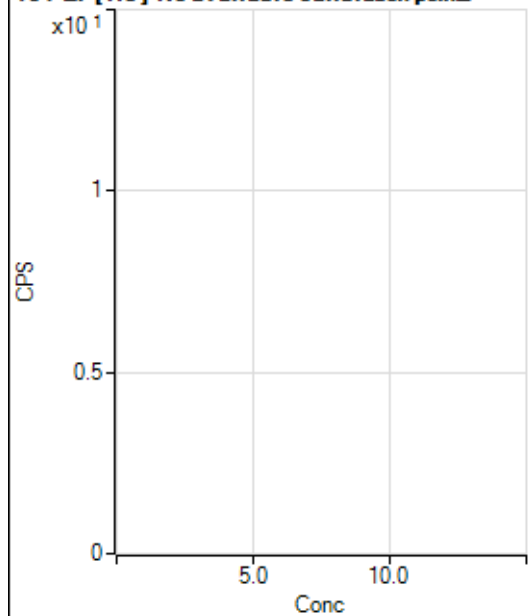
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			17.78		P	47.2
2	<input type="checkbox"/>			36.66		P	15.7
3	<input type="checkbox"/>			24.45		P	15.8
4	<input type="checkbox"/>			28.89		P	17.6
5	<input type="checkbox"/>			28.89		P	35.2
6	<input type="checkbox"/>			53.33		P	16.5
7	<input type="checkbox"/>			68.89		P	12.2
8	<input type="checkbox"/>			122.22		P	13.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			203.33		P	2.8
2	<input type="checkbox"/>			191.11		P	6.1
3	<input type="checkbox"/>			198.89		P	7.7
4	<input type="checkbox"/>			208.89		P	15.1
5	<input type="checkbox"/>			171.11		P	12.7
6	<input type="checkbox"/>			203.34		P	7.5
7	<input type="checkbox"/>			210.00		P	16.7
8	<input type="checkbox"/>			258.90		P	28.4

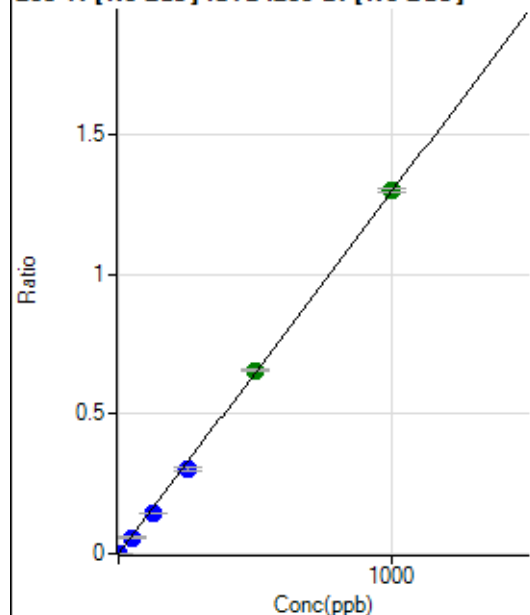
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			33.33		P	36.1
2	<input type="checkbox"/>			34.44		P	49.7
3	<input type="checkbox"/>			36.67		P	15.7
4	<input type="checkbox"/>			36.67		P	36.4
5	<input type="checkbox"/>			42.22		P	27.7
6	<input type="checkbox"/>			66.67		P	13.2
7	<input type="checkbox"/>			86.67		P	20.4
8	<input type="checkbox"/>			137.78		P	7.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			27.78		P	36.7
2	<input type="checkbox"/>			16.67		P	20.0
3	<input type="checkbox"/>			31.11		P	27.0
4	<input type="checkbox"/>			17.78		P	21.7
5	<input type="checkbox"/>			16.67		P	20.0
6	<input type="checkbox"/>			38.89		P	30.1
7	<input type="checkbox"/>			62.22		P	44.6
8	<input type="checkbox"/>			98.89		P	18.6

203 TI [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	37.78	0.0000	P	28.3
2	<input type="checkbox"/>	1.000	0.835	3744.99	0.0011	P	5.3
3	<input type="checkbox"/>	50.000	45.119	195784.46	0.0584	P	0.6
4	<input type="checkbox"/>	125.000	112.732	483124.35	0.1460	P	0.8
5	<input type="checkbox"/>	250.000	232.351	965021.62	0.3008	P	3.8
6	<input type="checkbox"/>	500.000	505.980	2093902.17	0.6551	A	1.3
7	<input type="checkbox"/>	1000.000	1003.200	4167438.83	1.2989	A	1.1
8	<input type="checkbox"/>			487.79	0.0002	P	17.4

$$y = 0.0013 * x + 1.1217E-005$$

$$R = 0.9998$$

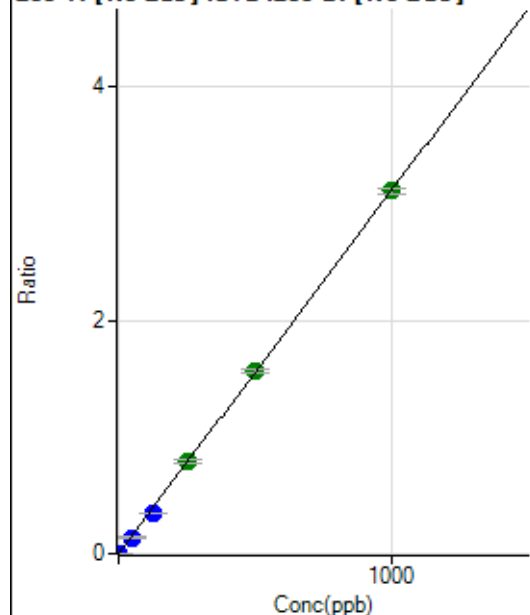
$$DL = 0.00735$$

$$BEC = 0.008663$$

Weight: <None>

Min Conc: 0

205 TI [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	88.89	0.0000	P	9.6
2	<input type="checkbox"/>	1.000	0.842	9084.21	0.0026	P	1.3
3	<input type="checkbox"/>	50.000	44.971	469159.68	0.1400	P	0.7
4	<input type="checkbox"/>	125.000	112.602	1160180.40	0.3505	P	0.5
5	<input type="checkbox"/>	250.000	253.704	2533321.87	0.7898	A	3.7
6	<input type="checkbox"/>	500.000	503.666	5011052.84	1.5679	A	1.5
7	<input type="checkbox"/>	1000.000	999.042	9977345.89	3.1099	A	1.6
8	<input type="checkbox"/>			1092.28	0.0004	P	14.0

$$y = 0.0031 * x + 2.6400E-005$$

$$R = 0.9999$$

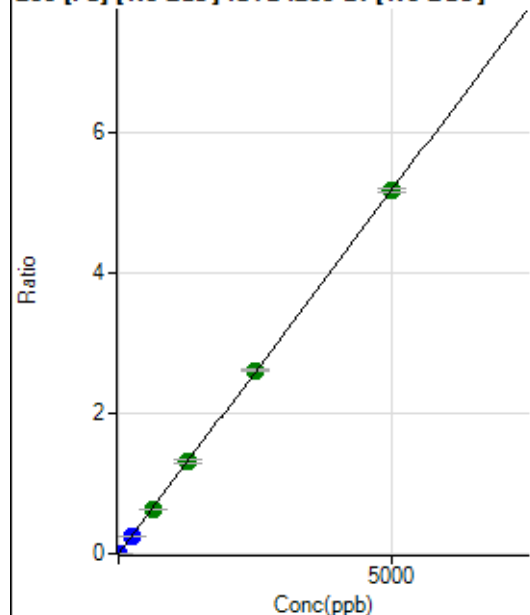
$$DL = 0.002455$$

$$BEC = 0.008481$$

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	155.56	0.0000	P	13.4
2	<input type="checkbox"/>	1.000	0.818	3060.38	0.0009	P	2.7
3	<input type="checkbox"/>	250.000	229.668	795844.49	0.2375	P	0.2
4	<input type="checkbox"/>	625.000	604.622	2069185.82	0.6252	A	0.6
5	<input type="checkbox"/>	1250.000	1259.820	4178370.88	1.3026	A	3.8
6	<input type="checkbox"/>	2500.000	2516.464	8316231.19	2.6019	A	0.9
7	<input type="checkbox"/>	5000.000	4992.877	16562532.53	5.1623	A	1.0
8	<input type="checkbox"/>			6428.24	0.0023	P	0.9

$$y = 0.0010 * x + 4.6170E-005$$

$$R = 1.0000$$

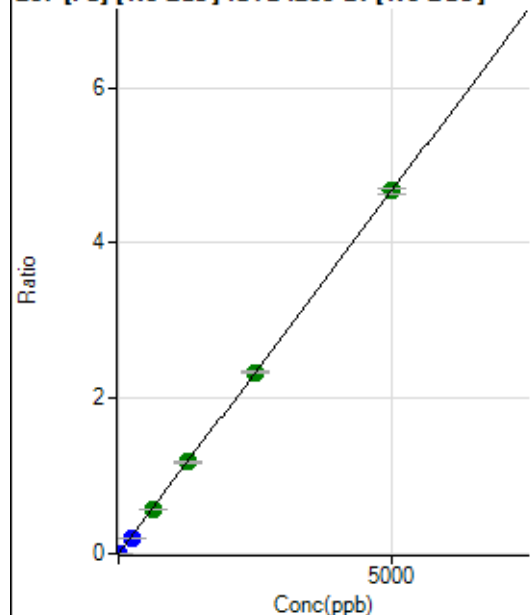
$$DL = 0.01794$$

$$BEC = 0.04466$$

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	142.22	0.0000	P	19.3
2	<input type="checkbox"/>	1.000	0.818	2766.98	0.0008	P	1.9
3	<input type="checkbox"/>	250.000	224.438	702547.56	0.2097	P	0.2
4	<input type="checkbox"/>	625.000	616.058	1904525.06	0.5754	A	1.5
5	<input type="checkbox"/>	1250.000	1259.849	3774355.92	1.1767	A	4.0
6	<input type="checkbox"/>	2500.000	2496.759	7453531.14	2.3320	A	1.0
7	<input type="checkbox"/>	5000.000	5001.554	14987124.78	4.6715	A	1.7
8	<input type="checkbox"/>			5644.55	0.0020	P	3.3

$$y = 9.3399E-004 * x + 4.2252E-005$$

$$R = 1.0000$$

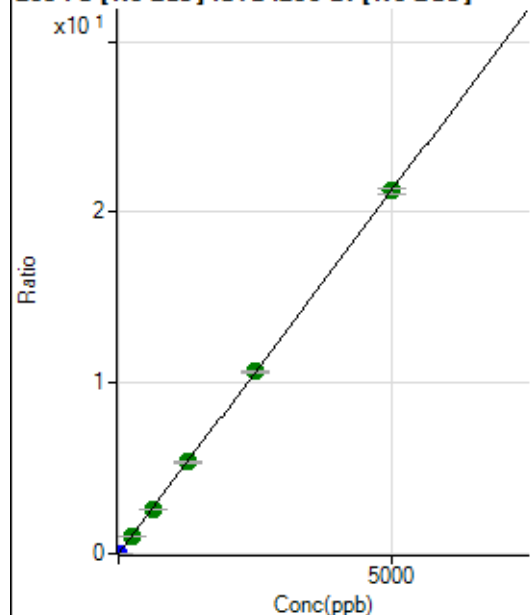
$$DL = 0.02621$$

$$BEC = 0.04524$$

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	627.79	0.0002	P	10.0
2	<input type="checkbox"/>	1.000	0.828	12721.39	0.0037	P	1.1
3	<input type="checkbox"/>	250.000	237.275	3381074.95	1.0090	A	0.5
4	<input type="checkbox"/>	625.000	612.525	8620183.38	2.6045	A	0.6
5	<input type="checkbox"/>	1250.000	1259.369	17177323.05	5.3547	A	3.4
6	<input type="checkbox"/>	2500.000	2504.616	34036642.34	10.6492	A	1.1
7	<input type="checkbox"/>	5000.000	4997.545	68170747.60	21.2486	A	1.5
8	<input type="checkbox"/>			26066.75	0.0092	P	2.1

$$y = 0.0043 * x + 1.8647E-004$$

$$R = 1.0000$$

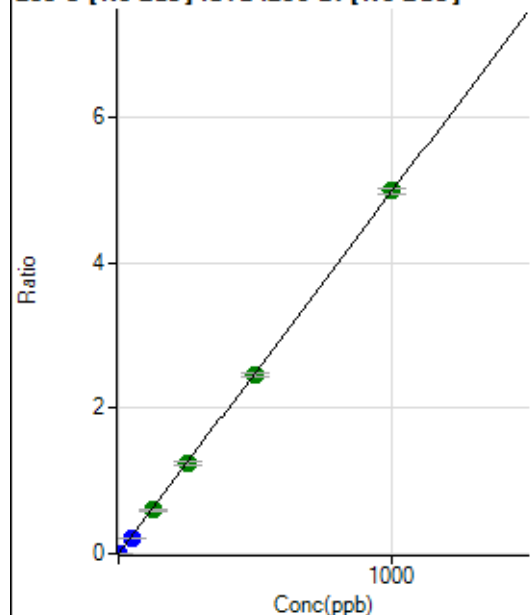
$$DL = 0.01316$$

$$BEC = 0.04386$$

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	7.78	0.0000	P	66.0
2	<input type="checkbox"/>	1.000	0.778	13285.62	0.0039	P	0.6
3	<input type="checkbox"/>	50.000	42.833	713922.29	0.2131	P	0.7
4	<input type="checkbox"/>	125.000	119.748	1971422.83	0.5956	A	0.4
5	<input type="checkbox"/>	250.000	249.834	3986396.88	1.2427	A	3.5
6	<input type="checkbox"/>	500.000	495.928	7883917.25	2.4668	A	1.8
7	<input type="checkbox"/>	1000.000	1003.093	16007504.48	4.9895	A	1.5
8	<input type="checkbox"/>			793.37	0.0003	P	5.3

$$y = 0.0050 * x + 2.3141E-006$$

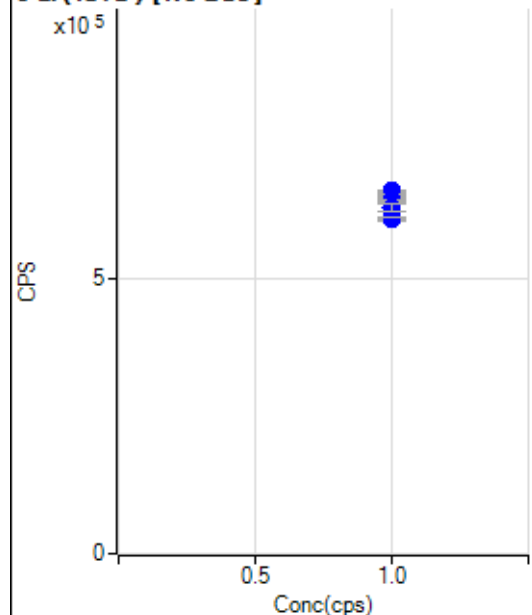
$$R = 1.0000$$

$$DL = 0.0009212$$

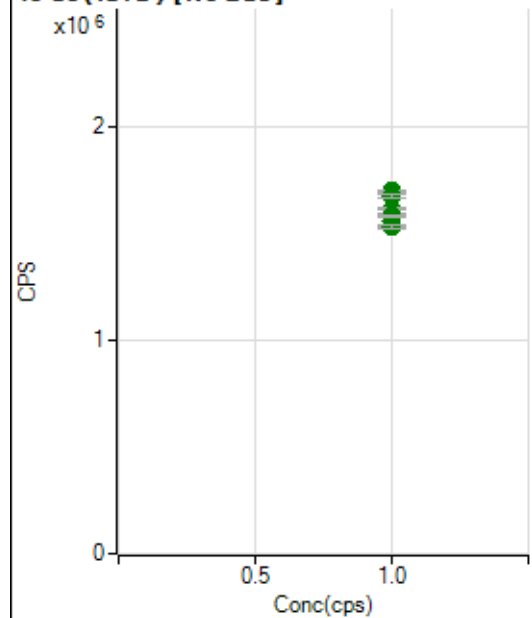
$$BEC = 0.0004652$$

Weight: <None>

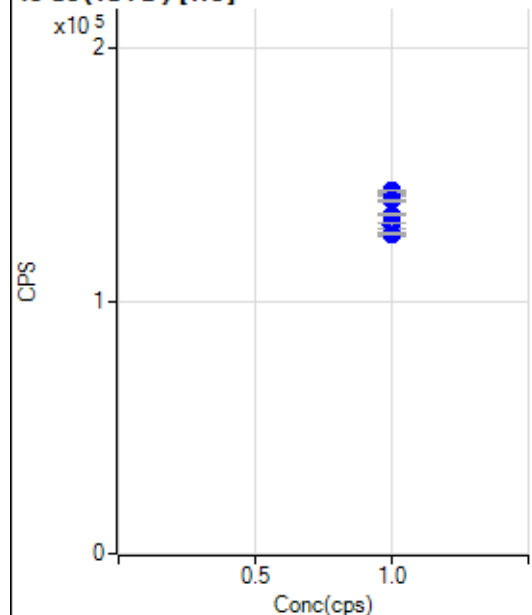
Min Conc: 0

6 Li (ISTD) [No Gas]

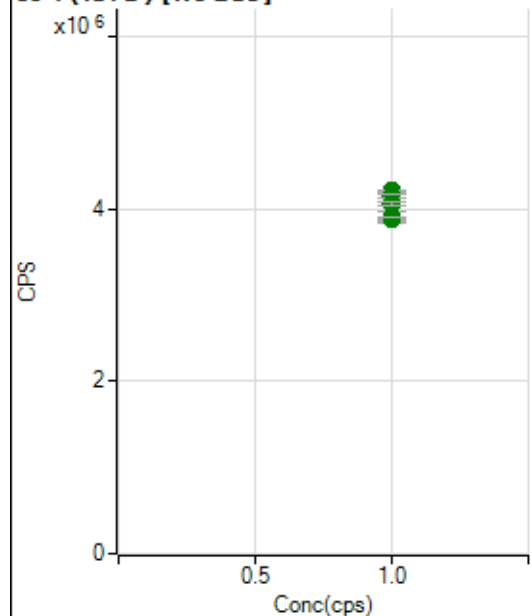
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		649253.52		P	0.8
2	<input type="checkbox"/>	1.000		660419.73		P	0.6
3	<input type="checkbox"/>	1.000		654054.60		P	0.5
4	<input type="checkbox"/>	1.000		642923.59		P	0.7
5	<input type="checkbox"/>	1.000		613881.43		P	3.1
6	<input type="checkbox"/>	1.000		609074.11		P	0.2
7	<input type="checkbox"/>	1.000		611999.45		P	0.4
8	<input type="checkbox"/>	1.000		630073.32		P	1.7

45 Sc (ISTD) [No Gas]

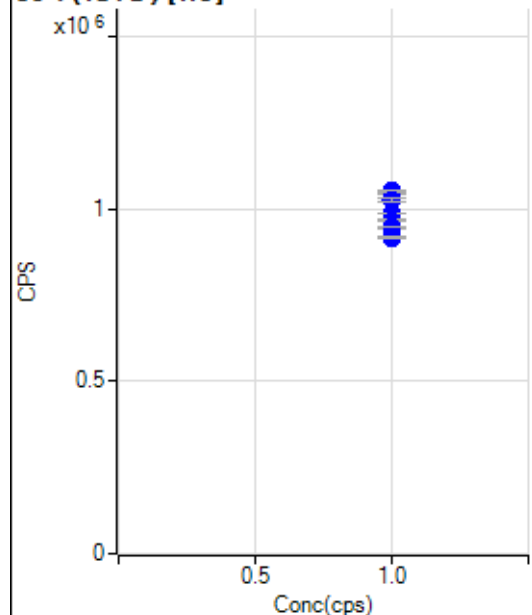
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1691004.54		A	0.8
2	<input type="checkbox"/>	1.000		1698127.32		A	0.5
3	<input type="checkbox"/>	1.000		1673558.93		A	1.2
4	<input type="checkbox"/>	1.000		1613120.65		A	0.6
5	<input type="checkbox"/>	1.000		1557732.48		A	4.1
6	<input type="checkbox"/>	1.000		1536351.40		A	0.8
7	<input type="checkbox"/>	1.000		1532087.32		A	1.4
8	<input type="checkbox"/>	1.000		1580137.62		A	0.7

45 Sc (ISTD) [He]

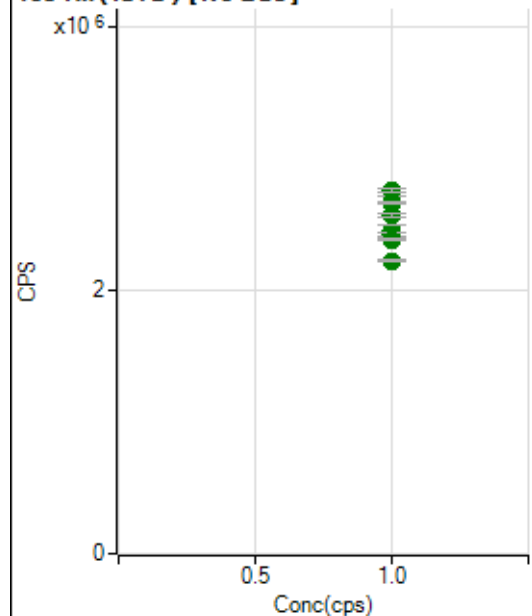
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		142226.22		P	0.5
2	<input type="checkbox"/>	1.000		143638.19		P	0.5
3	<input type="checkbox"/>	1.000		139927.39		P	0.7
4	<input type="checkbox"/>	1.000		134096.48		P	0.6
5	<input type="checkbox"/>	1.000		129822.31		P	1.4
6	<input type="checkbox"/>	1.000		126374.69		P	0.3
7	<input type="checkbox"/>	1.000		126290.67		P	0.8
8	<input type="checkbox"/>	1.000		126595.06		P	0.3

89 Y (ISTD) [No Gas]

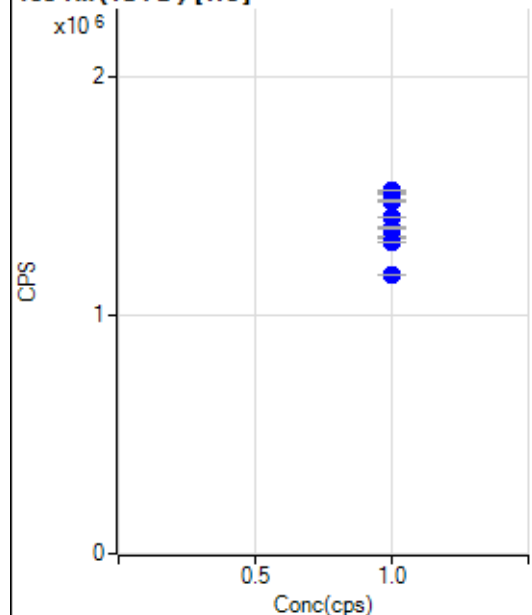
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4172806.57		A	0.5
2	<input type="checkbox"/>	1.000		4208779.63		A	0.6
3	<input type="checkbox"/>	1.000		4141724.10		A	0.9
4	<input type="checkbox"/>	1.000		4057616.68		A	1.0
5	<input type="checkbox"/>	1.000		3896770.29		A	3.4
6	<input type="checkbox"/>	1.000		3874648.48		A	0.5
7	<input type="checkbox"/>	1.000		3877582.79		A	0.6
8	<input type="checkbox"/>	1.000		3902063.00		A	0.3

89 Y (ISTD) [He]

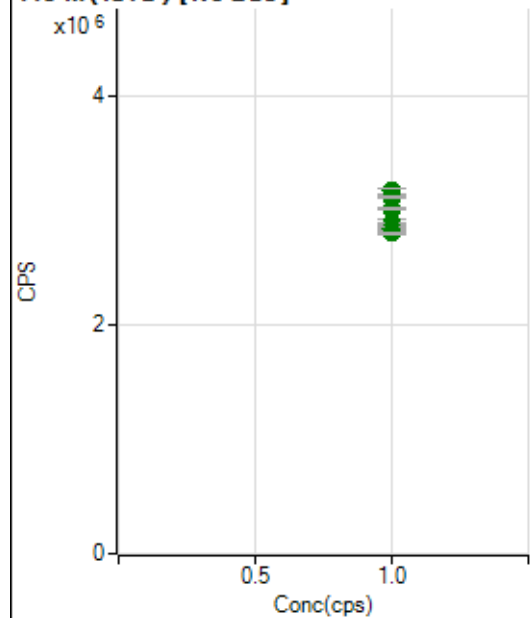
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1042113.93		P	0.2
2	<input type="checkbox"/>	1.000		1051757.64		P	0.5
3	<input type="checkbox"/>	1.000		1026585.91		P	0.7
4	<input type="checkbox"/>	1.000		987383.57		P	0.2
5	<input type="checkbox"/>	1.000		965683.62		P	0.8
6	<input type="checkbox"/>	1.000		943991.74		P	0.7
7	<input type="checkbox"/>	1.000		946263.73		P	0.1
8	<input type="checkbox"/>	1.000		916780.92		P	0.7

103 Rh (ISTD) [No Gas]

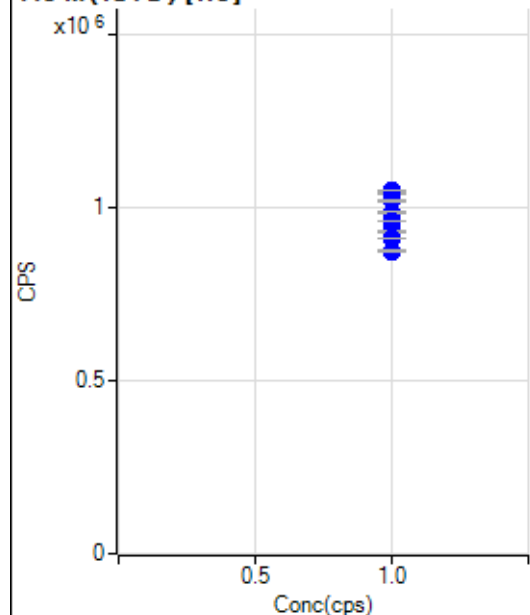
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2715503.95		A	0.2
2	<input type="checkbox"/>	1.000		2752728.57		A	1.1
3	<input type="checkbox"/>	1.000		2658985.69		A	0.4
4	<input type="checkbox"/>	1.000		2562078.76		A	1.0
5	<input type="checkbox"/>	1.000		2455171.25		A	3.3
6	<input type="checkbox"/>	1.000		2423268.57		A	1.3
7	<input type="checkbox"/>	1.000		2384540.90		A	0.6
8	<input type="checkbox"/>	1.000		2224611.17		A	0.7

103 Rh (ISTD) [He]

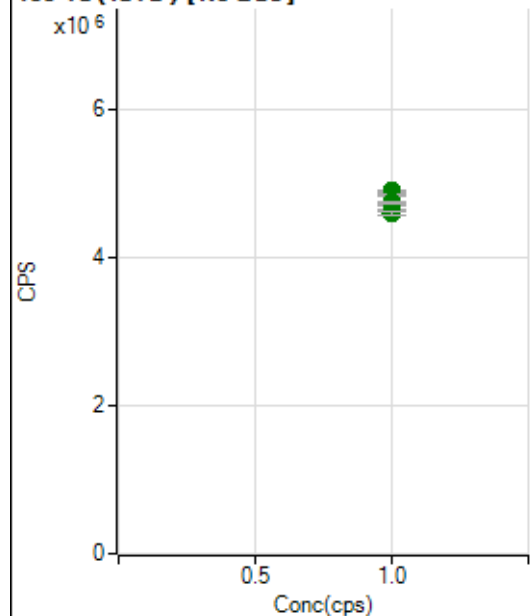
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1511707.39		P	0.2
2	<input type="checkbox"/>	1.000		1521567.56		P	0.1
3	<input type="checkbox"/>	1.000		1477289.16		P	0.4
4	<input type="checkbox"/>	1.000		1411855.57		P	0.1
5	<input type="checkbox"/>	1.000		1366676.65		P	0.5
6	<input type="checkbox"/>	1.000		1324698.56		P	0.8
7	<input type="checkbox"/>	1.000		1306130.88		P	0.5
8	<input type="checkbox"/>	1.000		1168867.11		P	0.5

115 In (ISTD) [No Gas]

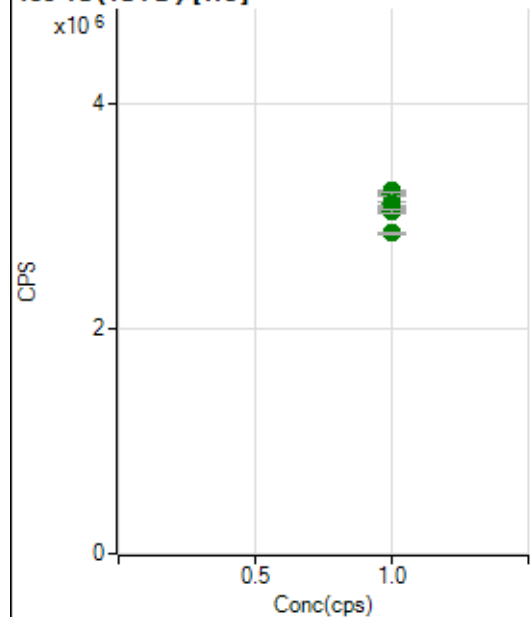
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3130425.86		A	0.5
2	<input type="checkbox"/>	1.000		3174898.44		A	1.4
3	<input type="checkbox"/>	1.000		3120129.16		A	0.5
4	<input type="checkbox"/>	1.000		3018396.07		A	0.2
5	<input type="checkbox"/>	1.000		2887200.97		A	3.3
6	<input type="checkbox"/>	1.000		2889817.79		A	0.3
7	<input type="checkbox"/>	1.000		2846897.68		A	1.1
8	<input type="checkbox"/>	1.000		2803460.19		A	0.7

115 In (ISTD) [He]

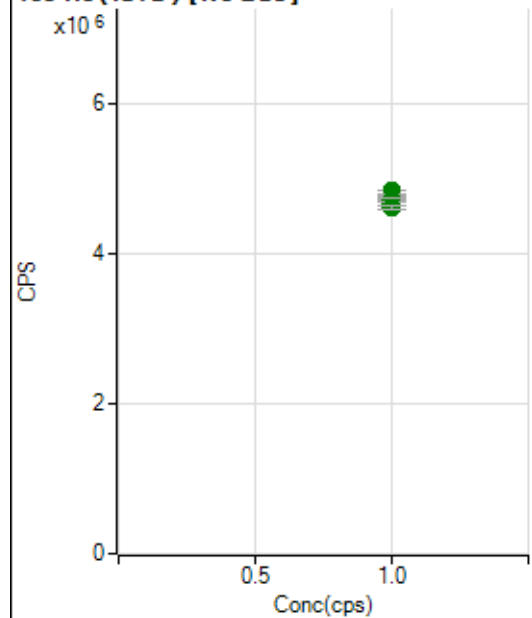
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1041859.04		P	0.2
2	<input type="checkbox"/>	1.000		1048584.06		P	0.2
3	<input type="checkbox"/>	1.000		1020662.01		P	0.8
4	<input type="checkbox"/>	1.000		986327.72		P	0.3
5	<input type="checkbox"/>	1.000		961754.38		P	0.2
6	<input type="checkbox"/>	1.000		931177.02		P	0.6
7	<input type="checkbox"/>	1.000		912635.46		P	0.3
8	<input type="checkbox"/>	1.000		874189.49		P	0.7

159 Tb (ISTD) [No Gas]

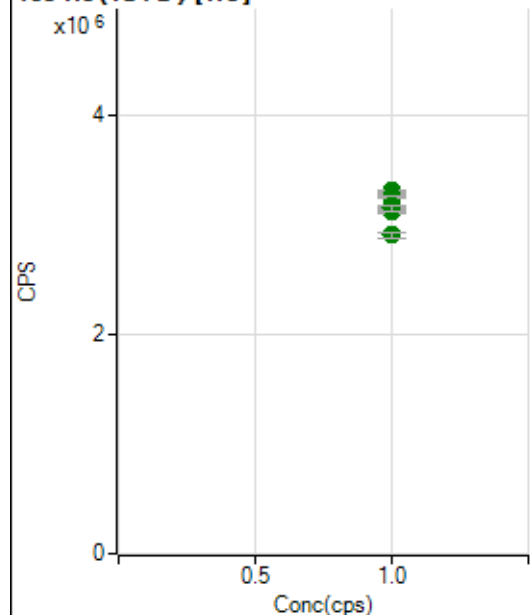
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4861477.95		A	0.5
2	<input type="checkbox"/>	1.000		4898906.73		A	0.6
3	<input type="checkbox"/>	1.000		4845961.83		A	0.7
4	<input type="checkbox"/>	1.000		4733706.70		A	0.3
5	<input type="checkbox"/>	1.000		4694556.63		A	2.2
6	<input type="checkbox"/>	1.000		4716851.15		A	0.8
7	<input type="checkbox"/>	1.000		4741355.14		A	0.6
8	<input type="checkbox"/>	1.000		4592779.03		A	0.9

159 Tb (ISTD) [He]

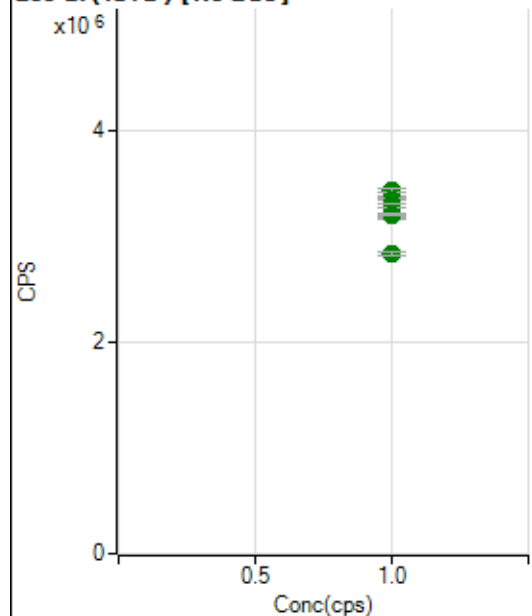
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3210485.16		A	0.3
2	<input type="checkbox"/>	1.000		3228454.71		A	0.6
3	<input type="checkbox"/>	1.000		3197284.92		A	1.0
4	<input type="checkbox"/>	1.000		3112932.31		A	0.7
5	<input type="checkbox"/>	1.000		3091269.92		A	0.3
6	<input type="checkbox"/>	1.000		3064475.23		A	1.0
7	<input type="checkbox"/>	1.000		3043745.37		A	0.7
8	<input type="checkbox"/>	1.000		2855418.36		A	0.5

165 Ho (ISTD) [No Gas]

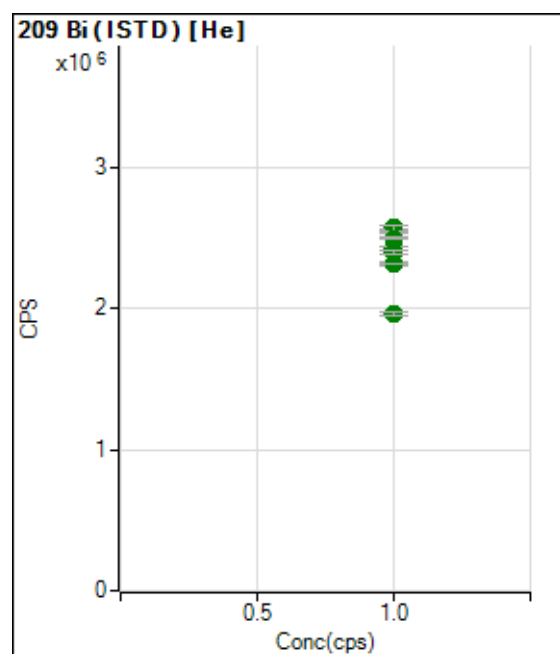
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4776063.09		A	0.7
2	<input type="checkbox"/>	1.000		4844505.55		A	0.2
3	<input type="checkbox"/>	1.000		4795246.70		A	0.5
4	<input type="checkbox"/>	1.000		4729002.84		A	0.5
5	<input type="checkbox"/>	1.000		4668242.67		A	3.3
6	<input type="checkbox"/>	1.000		4700961.15		A	0.6
7	<input type="checkbox"/>	1.000		4724294.27		A	1.0
8	<input type="checkbox"/>	1.000		4620191.22		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3269444.26		A	0.6
2	<input type="checkbox"/>	1.000		3316695.06		A	0.5
3	<input type="checkbox"/>	1.000		3264710.26		A	0.8
4	<input type="checkbox"/>	1.000		3173881.48		A	0.0
5	<input type="checkbox"/>	1.000		3151590.40		A	0.4
6	<input type="checkbox"/>	1.000		3123478.81		A	0.7
7	<input type="checkbox"/>	1.000		3156222.73		A	1.2
8	<input type="checkbox"/>	1.000		2912178.25		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3367554.98		A	0.6
2	<input type="checkbox"/>	1.000		3430192.14		A	1.1
3	<input type="checkbox"/>	1.000		3350801.37		A	0.5
4	<input type="checkbox"/>	1.000		3309732.28		A	0.1
5	<input type="checkbox"/>	1.000		3210327.28		A	3.3
6	<input type="checkbox"/>	1.000		3196417.87		A	1.1
7	<input type="checkbox"/>	1.000		3208481.93		A	0.7
8	<input type="checkbox"/>	1.000		2836467.46		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2545408.24		A	1.2
2	<input type="checkbox"/>	1.000		2567903.52		A	1.5
3	<input type="checkbox"/>	1.000		2492909.67		A	0.5
4	<input type="checkbox"/>	1.000		2419624.74		A	0.9
5	<input type="checkbox"/>	1.000		2395292.14		A	0.9
6	<input type="checkbox"/>	1.000		2318439.52		A	1.2
7	<input type="checkbox"/>	1.000		2311144.41		A	0.1
8	<input type="checkbox"/>	1.000		1960899.05		A	1.5

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7062624-MS.b

Acq. Date-Time 2024-06-26 09:22:20

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		3393	33933.60			0.818	5.000
24		33306	333057.92			0.578	5.000
25		4318	43179.72			0.574	5.000
26		4951	49508.13			0.258	5.000
59		30688	306877.81			0.470	5.000
113		4532	45318.02			0.888	5.000
115		57645	576450.57			0.629	5.000
206		16823	168229.17			0.799	5.000
207		15503	155030.74			0.400	5.000
208		36700	367002.89			0.603	5.000
220		0	1.20			69.722	

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

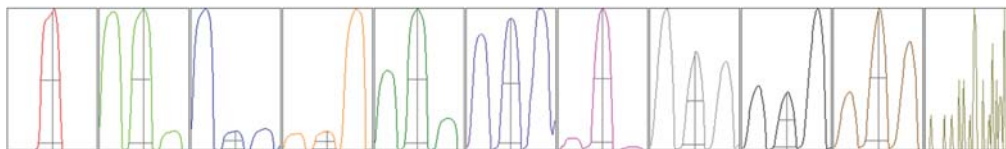
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3430	3392	3356	3408	3381
24	33132	33310	33207	33630	33249
25	4290	4297	4316	4345	4341
26	4931	4955	4956	4965	4948
59	30516	30712	30612	30906	30693
113	4475	4550	4508	4578	4547
115	57148	57642	57475	58093	57867
206	16650	16819	16741	16986	16918
207	15430	15480	15469	15567	15568
208	36567	36560	36507	37011	36856

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	5712.99	9.05	8.90 - 9.10	
24	52463.77	24.00	23.90 - 24.10	
25	6886.28	25.00	24.90 - 25.10	
26	7660.92	26.00	25.90 - 26.10	
59	50375.10	58.95	58.90 - 59.10	
113	8342.66	113.00	112.90 - 113.10	
115	106177.05	115.00	114.90 - 115.10	
206	32390.29	206.05	205.90 - 206.10	
207	29282.05	207.05	206.90 - 207.10	
208	70630.33	208.05	207.90 - 208.10	
220	0.00	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.781	0.900	
24	0.66	0.788	0.900	
25	0.66	0.769	0.900	
26	0.66	0.787	0.900	
59	0.63	0.779	0.900	
113	0.55	0.750	0.900	
115	0.56	0.739	0.900	
206	0.54	0.745	0.900	
207	0.53	0.764	0.900	
208	0.53	0.770	0.900	
220	0.18	0.175		

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	8.9 V	Deflect	15.0 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 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	140 V		

QP Parameters

Mass Gain	134	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	0.5 mm
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EM

Discriminator	4.7 mV	Analog HV	2311 V	Pulse HV	1401 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9435	94348.41			0.262	
89		13484	134842.45			0.433	
205		18093	180931.38			0.460	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9433	9412	9477	9427	9426
89	13427	13445	13545	13550	13455
205	18048	18183	18184	18035	18016

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	9.0 V	Deflect	2.2 V
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US EPA Tune Check Report

Extract 2	-120.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 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	134	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.15		
Hardware Settings					
Torch					
Torch H	-0.4 mm	Torch V	0.5 mm		
EM					
Discriminator	4.7 mV	Analog HV	2311 V	Pulse HV	1401 V