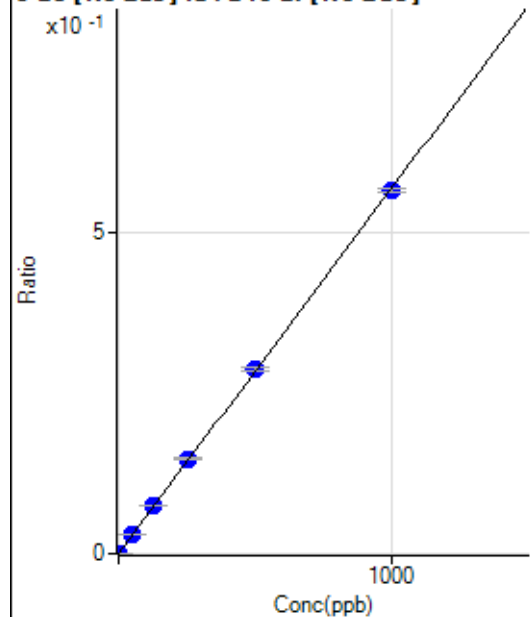


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7050923 MS.b\
 Analysis File: P7050923 MS.batch.bin
 DA Date-Time: 2023-05-09 18:39:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-05-09 14:35:33
2	005CALS.d	S02	2023-05-09 14:38:49
3	006CALS.d	S03	2023-05-09 14:42:05
4	007CALS.d	S04	2023-05-09 14:45:14
5	008CALS.d	S05	2023-05-09 14:48:14
6	009CALS.d	S06	2023-05-09 14:51:08
7	010CALS.d	S07	2023-05-09 14:53:58
8	011CALS.d	S08	2023-05-09 14:56:44

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	67.78	0.0000	P	19.8
2	<input type="checkbox"/>	1.000	1.106	1098.94	0.0007	P	17.0
3	<input type="checkbox"/>	50.000	54.031	49063.79	0.0308	P	1.0
4	<input type="checkbox"/>	125.000	130.894	117467.35	0.0746	P	0.1
5	<input type="checkbox"/>	250.000	260.523	220200.35	0.1485	P	1.2
6	<input type="checkbox"/>	500.000	505.935	434097.78	0.2883	P	2.0
7	<input type="checkbox"/>	1000.000	993.464	840539.98	0.5662	P	1.0
8	<input type="checkbox"/>			495.57	0.0004	P	22.1

$$y = 5.6983\text{E-}004 * x + 4.1777\text{E-}005$$

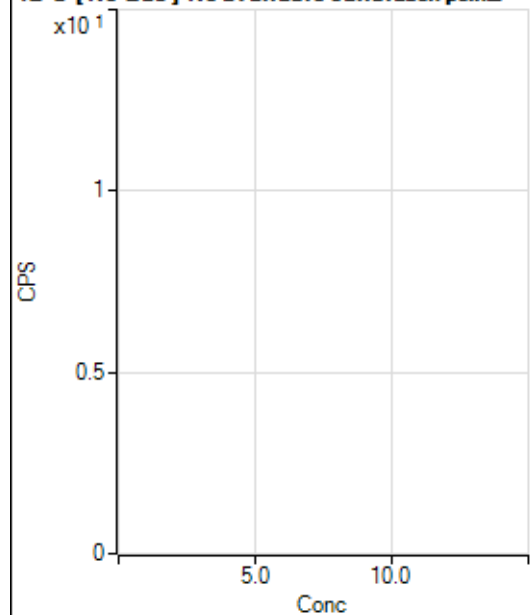
$$R = 0.9999$$

$$DL = 0.04358$$

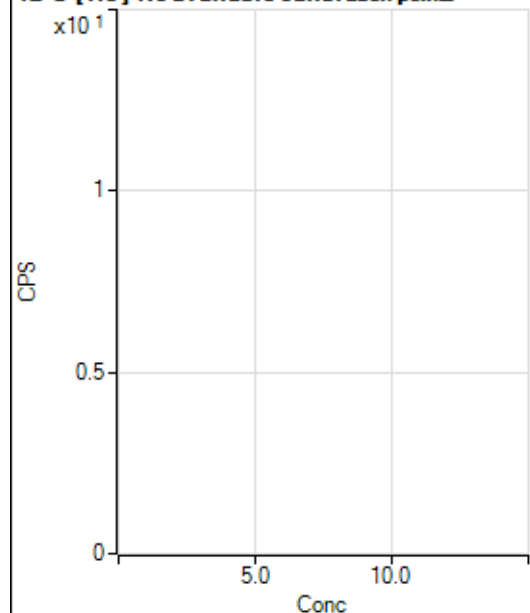
$$BEC = 0.07332$$

Weight: <None>

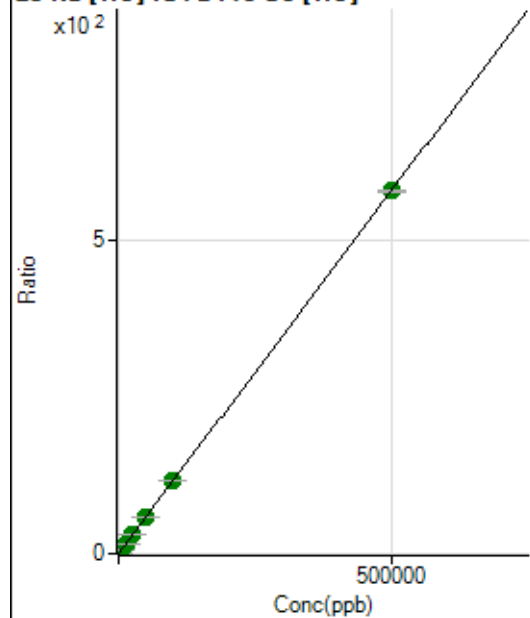
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	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	De t	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	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	7027.21	0.0268	P	0.6
2	<input type="checkbox"/>	500.000	532.055	168687.44	0.6413	P	0.6
3	<input type="checkbox"/>	5000.000	5334.231	1585733.03	6.1869	A	0.2
4	<input type="checkbox"/>	12500.000	13124.328	3745995.36	15.1829	A	0.9
5	<input type="checkbox"/>	25000.000	26610.543	7279850.17	30.7570	A	2.1
6	<input type="checkbox"/>	50000.000	51537.978	14225626.74	59.5434	A	0.3
7	<input type="checkbox"/>	100000.00	100307.30	27662504.03	115.8627	A	0.9
8	<input type="checkbox"/>	500000.00	499685.23	120571269.3	577.0680	A	0.6

$$y = 0.0012 * x + 0.0268$$

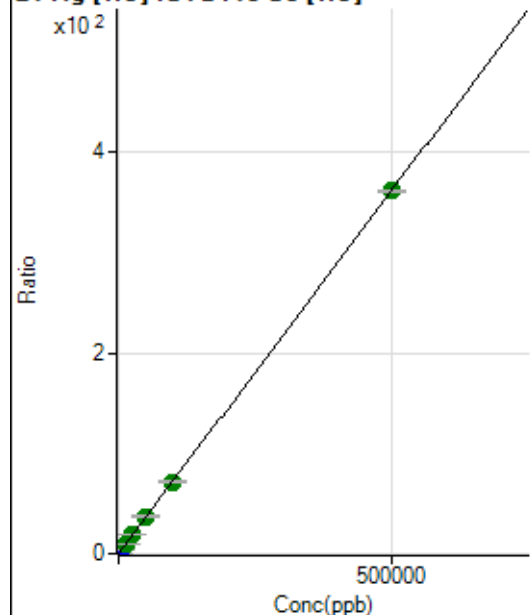
$$R = 1.0000$$

$$DL = 0.4$$

$$BEC = 23.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	310.01	0.0012	P	5.8
2	<input type="checkbox"/>	500.000	523.588	99929.33	0.3799	P	0.5
3	<input type="checkbox"/>	5000.000	5428.466	1006598.35	3.9273	P	0.3
4	<input type="checkbox"/>	12500.000	13313.526	2376008.92	9.6301	A	0.6
5	<input type="checkbox"/>	25000.000	26509.560	4538144.86	19.1741	A	2.3
6	<input type="checkbox"/>	50000.000	51517.843	8901945.77	37.2613	A	1.0
7	<input type="checkbox"/>	100000.00	99344.475	17154690.72	71.8517	A	0.5
8	<input type="checkbox"/>	500000.00	499879.19	75538087.21	361.5368	A	0.8

$$y = 7.2325\text{E-}004 * x + 0.0012$$

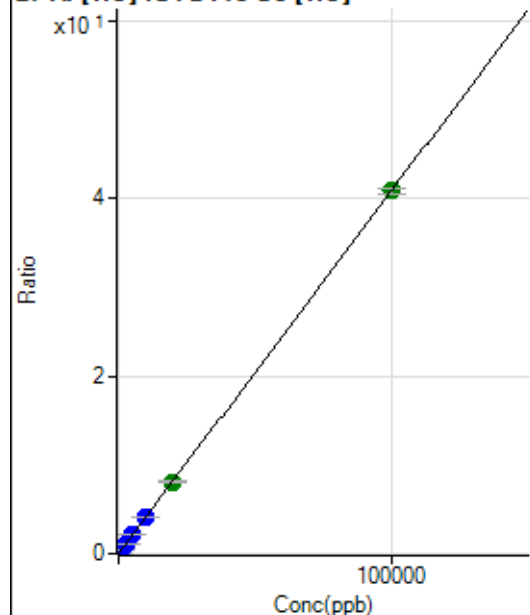
$$R = 1.0000$$

$$DL = 0.2848$$

$$BEC = 1.638$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	41.11	0.0002	P	41.4
2	<input type="checkbox"/>	20.000	21.749	2377.99	0.0090	P	3.4
3	<input type="checkbox"/>	1000.000	1064.584	111479.63	0.4350	P	0.9
4	<input type="checkbox"/>	2500.000	2611.046	263139.98	1.0666	P	1.2
5	<input type="checkbox"/>	5000.000	5322.720	514585.46	2.1741	P	1.9
6	<input type="checkbox"/>	10000.000	10226.952	997949.62	4.1771	P	0.5
7	<input type="checkbox"/>	20000.000	19848.182	1935462.75	8.1067	A	0.7
8	<input type="checkbox"/>	100000.00	99988.110	8532158.07	40.8379	A	1.4

$$y = 4.0843\text{E-}004 * x + 1.5698\text{E-}004$$

$$R = 1.0000$$

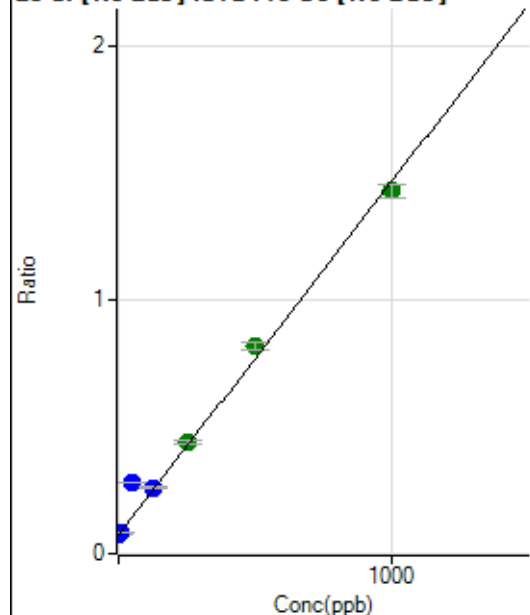
$$DL = 0.4771$$

$$BEC = 0.3844$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	225008.88	0.0738	P	0.4
2	<input type="checkbox"/>	10.000	7.448	257767.21	0.0842	P	1.3
3	<input type="checkbox"/>	50.000	149.168	833942.74	0.2811	P	1.7
4	<input type="checkbox"/>	125.000	132.772	751997.93	0.2583	P	2.6
5	<input type="checkbox"/>	250.000	263.232	1213412.24	0.4396	A	3.0
6	<input type="checkbox"/>	500.000	533.459	2237873.93	0.8152	A	3.9
7	<input type="checkbox"/>	1000.000	974.058	3963692.48	1.4275	A	4.0
8	<input type="checkbox"/>			729074.44	0.2939	P	9.1

$$y = 0.0014 * x + 0.0738$$

R = 0.9945

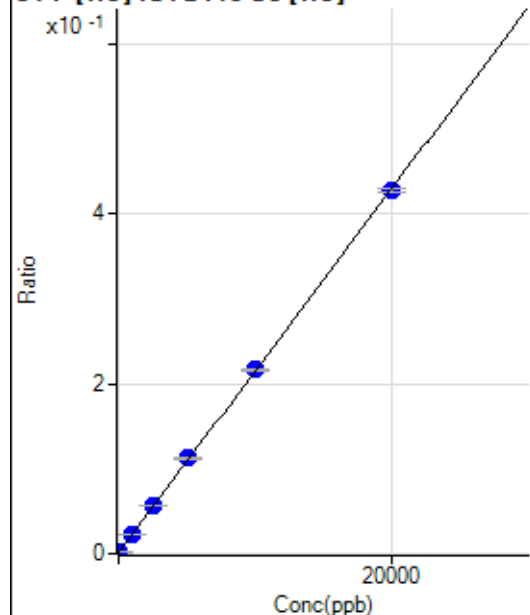
DL = 0.6663

BEC = 53.1

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	-8.667	235.56	0.0009	P	18.2
2	<input type="checkbox"/>	0.000	8.667	334.45	0.0013	P	1.6
3	<input type="checkbox"/>	1000.000	1026.414	5910.08	0.0231	P	2.6
4	<input type="checkbox"/>	2500.000	2582.419	13907.50	0.0564	P	1.5
5	<input type="checkbox"/>	5000.000	5207.600	26645.47	0.1126	P	1.6
6	<input type="checkbox"/>	10000.000	10081.065	51821.86	0.2169	P	0.7
7	<input type="checkbox"/>	20000.000	19895.944	101950.95	0.4270	P	1.2
8	<input type="checkbox"/>			215.56	0.0010	P	14.1

$$y = 2.1408E-005 * x + 0.0011$$

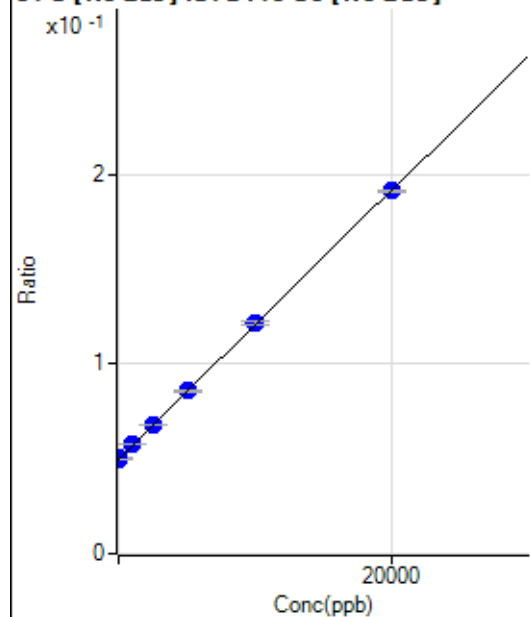
R = 0.9999

DL = 12.85

BEC = 50.72

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	40.429	153568.25	0.0504	P	2.0
2	<input type="checkbox"/>	0.000	-40.429	152545.96	0.0498	P	0.2
3	<input type="checkbox"/>	1000.000	1045.132	170534.14	0.0575	P	0.3
4	<input type="checkbox"/>	2500.000	2519.655	197681.10	0.0679	P	1.3
5	<input type="checkbox"/>	5000.000	5031.452	236515.79	0.0857	P	0.8
6	<input type="checkbox"/>	10000.000	10104.140	333761.52	0.1216	P	0.9
7	<input type="checkbox"/>	20000.000	19935.354	530711.73	0.1911	P	0.5
8	<input type="checkbox"/>			127321.82	0.0512	P	1.9

$$y = 7.0736E-006 * x + 0.0501$$

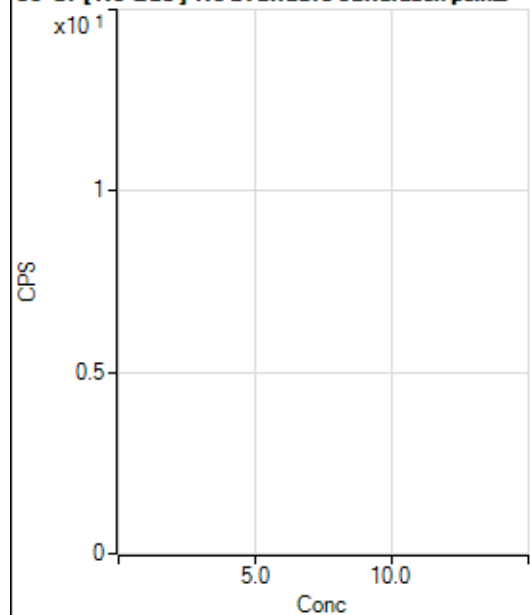
R = 1.0000

DL = 239.1

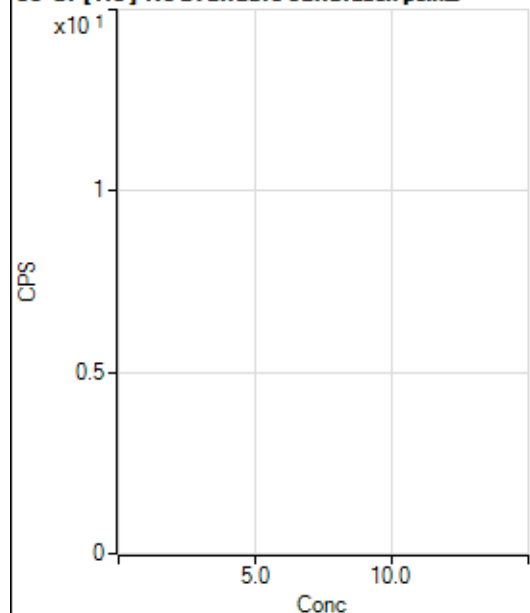
BEC = 7081

Weight: <None>

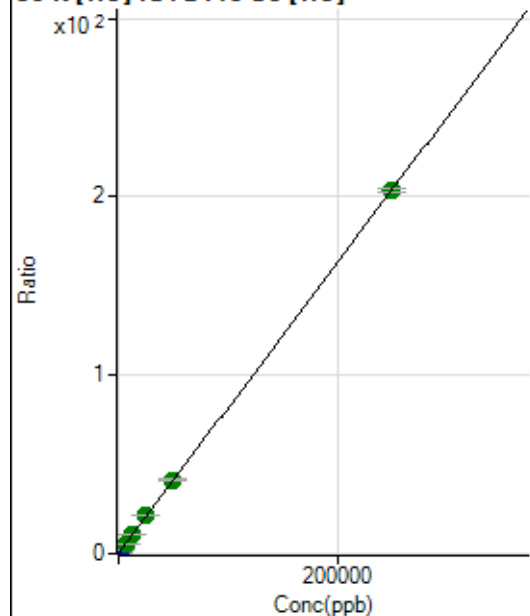
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	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	De t	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	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	41215.70	0.1575	P	0.6
2	<input type="checkbox"/>	500.000	547.717	158633.21	0.6030	P	0.7
3	<input type="checkbox"/>	2500.000	2810.062	626249.88	2.4434	P	0.2
4	<input type="checkbox"/>	6250.000	6590.688	1361563.43	5.5188	A	1.9
5	<input type="checkbox"/>	12500.000	13169.282	2572856.61	10.8702	A	2.0
6	<input type="checkbox"/>	25000.000	25730.626	5038335.55	21.0885	A	0.4
7	<input type="checkbox"/>	50000.000	50731.956	9890475.41	41.4262	A	0.6
8	<input type="checkbox"/>	250000.00	249735.36	42478676.03	203.3090	A	1.2

$$y = 8.1347\text{E-}004 * x + 0.1575$$

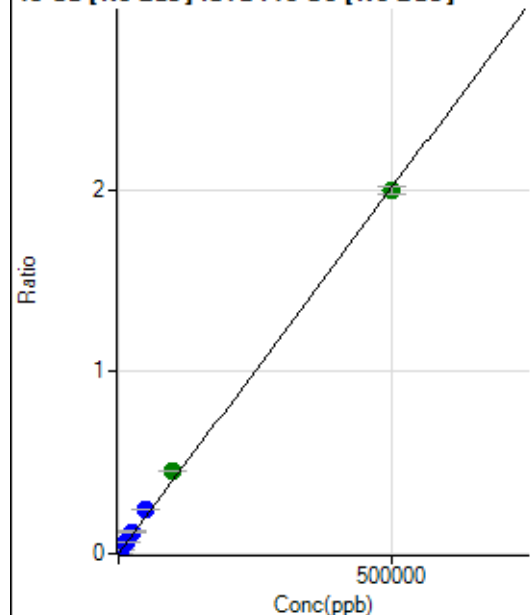
$$R = 1.0000$$

$$DL = 3.482$$

$$BEC = 193.6$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	68.89	0.0000	P	44.4
2	<input type="checkbox"/>	500.000	544.338	6763.78	0.0022	P	2.7
3	<input type="checkbox"/>	5000.000	6054.915	72188.52	0.0243	P	0.7
4	<input type="checkbox"/>	12500.000	15095.355	176490.70	0.0606	P	0.5
5	<input type="checkbox"/>	25000.000	30088.857	333524.20	0.1208	P	1.2
6	<input type="checkbox"/>	50000.000	59555.136	656563.42	0.2391	P	0.8
7	<input type="checkbox"/>	100000.00	113326.02	1263639.27	0.4550	A	0.1
8	<input type="checkbox"/>	500000.00	496049.36	4948151.42	1.9916	A	2.2

$$y = 4.0149\text{E-}006 * x + 2.2654\text{E-}005$$

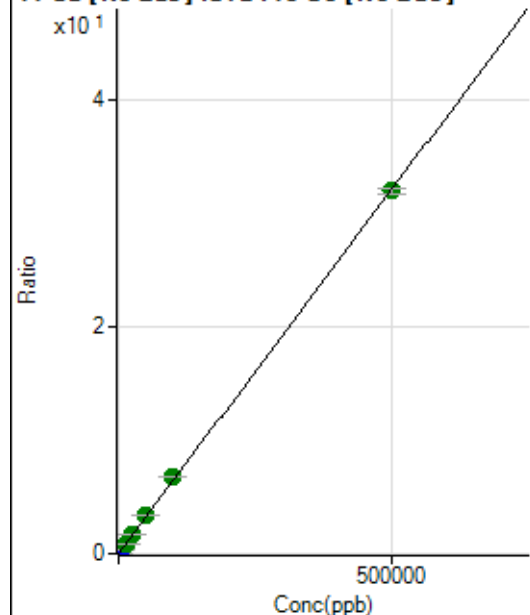
$$R = 0.9995$$

$$DL = 7.508$$

$$BEC = 5.642$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	4080.43	0.0013	P	2.6
2	<input type="checkbox"/>	500.000	548.193	111640.01	0.0364	P	0.3
3	<input type="checkbox"/>	5000.000	5779.934	1102158.96	0.3715	P	1.2
4	<input type="checkbox"/>	12500.000	13662.509	2551002.27	0.8764	A	1.1
5	<input type="checkbox"/>	25000.000	26954.551	4768864.39	1.7277	A	1.1
6	<input type="checkbox"/>	50000.000	53450.312	9402920.14	3.4246	A	0.5
7	<input type="checkbox"/>	100000.00	105598.77	18784968.20	6.7645	A	1.2
8	<input type="checkbox"/>	500000.00	498400.57	79314152.48	31.9218	A	1.9

$$y = 6.4046\text{E-}005 * x + 0.0013$$

$$R = 0.9999$$

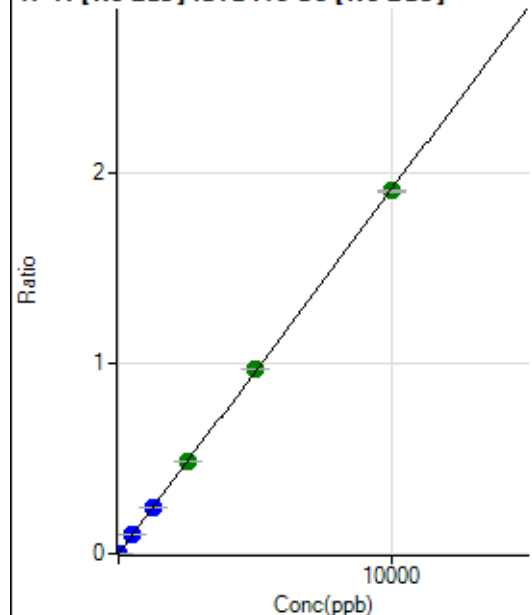
$$DL = 1.616$$

$$BEC = 20.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	57.78	0.0000	P	6.7
2	<input type="checkbox"/>	5.000	4.993	2990.33	0.0010	P	2.9
3	<input type="checkbox"/>	500.000	514.318	292592.17	0.0986	P	1.6
4	<input type="checkbox"/>	1250.000	1277.046	712782.29	0.2449	P	0.9
5	<input type="checkbox"/>	2500.000	2524.507	1336186.77	0.4840	A	0.7
6	<input type="checkbox"/>	5000.000	5059.718	2663702.05	0.9701	A	0.4
7	<input type="checkbox"/>	10000.000	9959.918	5303115.40	1.9096	A	0.8
8	<input type="checkbox"/>			1348.96	0.0005	P	25.3

$$y = 1.9173\text{E-}004 * x + 1.8950\text{E-}005$$

$$R = 1.0000$$

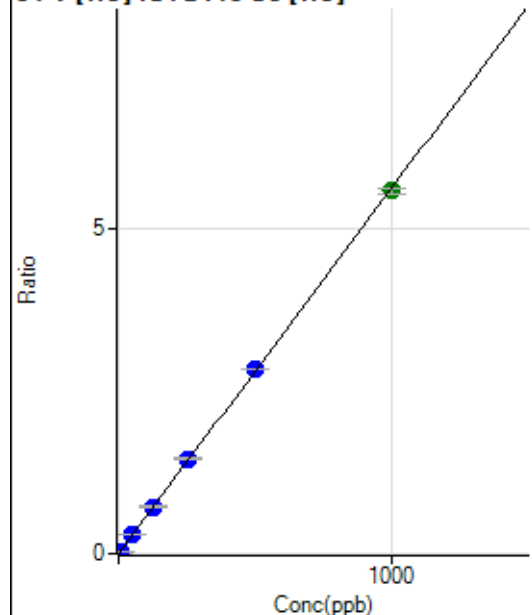
$$DL = 0.01975$$

$$BEC = 0.09884$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	3.33	0.0000	P	99.9
2	<input type="checkbox"/>	5.000	5.132	7599.76	0.0289	P	1.0
3	<input type="checkbox"/>	50.000	52.156	75233.95	0.2935	P	0.5
4	<input type="checkbox"/>	125.000	128.863	178925.12	0.7252	P	0.5
5	<input type="checkbox"/>	250.000	259.852	346147.34	1.4624	P	1.5
6	<input type="checkbox"/>	500.000	507.411	682224.60	2.8556	P	0.2
7	<input type="checkbox"/>	1000.000	993.240	1334465.69	5.5896	A	1.4
8	<input type="checkbox"/>			416.68	0.0020	P	2.7

$$y = 0.0056 * x + 1.2742\text{E-}005$$

$$R = 0.9999$$

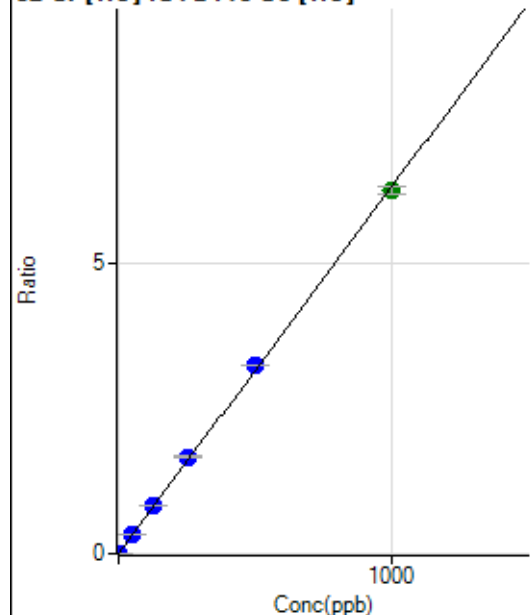
$$DL = 0.006788$$

$$BEC = 0.002264$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	672.24	0.0026	P	8.5
2	<input type="checkbox"/>	2.000	2.153	4258.42	0.0162	P	4.2
3	<input type="checkbox"/>	50.000	53.726	87787.78	0.3425	P	0.4
4	<input type="checkbox"/>	125.000	131.430	205807.38	0.8342	P	1.2
5	<input type="checkbox"/>	250.000	263.914	395852.29	1.6725	P	2.1
6	<input type="checkbox"/>	500.000	511.837	774358.08	3.2412	P	0.1
7	<input type="checkbox"/>	1000.000	989.613	1495520.55	6.2643	A	2.0
8	<input type="checkbox"/>			10717.23	0.0513	P	1.4

$$y = 0.0063 * x + 0.0026$$

$$R = 0.9998$$

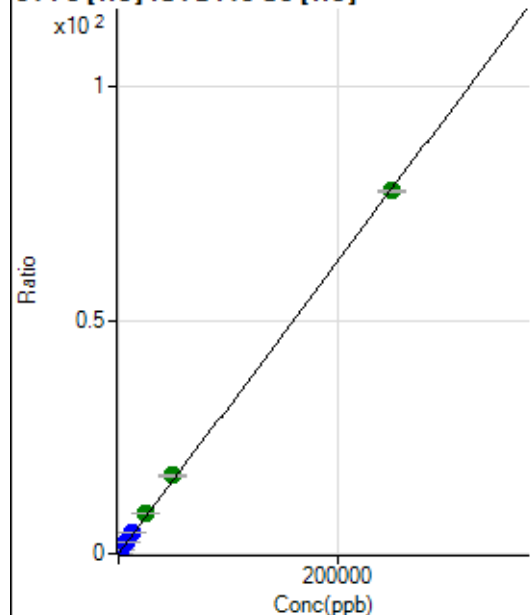
$$DL = 0.1038$$

$$BEC = 0.4059$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	1323.40	0.0051	P	6.4
2	<input type="checkbox"/>	50.000	56.893	6001.25	0.0228	P	1.5
3	<input type="checkbox"/>	2500.000	2949.905	237311.83	0.9259	P	0.5
4	<input type="checkbox"/>	6250.000	7326.460	565490.83	2.2920	P	0.7
5	<input type="checkbox"/>	12500.000	14773.265	1092677.07	4.6166	P	2.1
6	<input type="checkbox"/>	25000.000	27265.162	2034566.31	8.5160	A	1.5
7	<input type="checkbox"/>	50000.000	53672.392	4001201.47	16.7592	A	1.0
8	<input type="checkbox"/>	250000.00	248893.93	16233888.37	77.6985	A	0.8

$$y = 3.1215E-004 * x + 0.0051$$

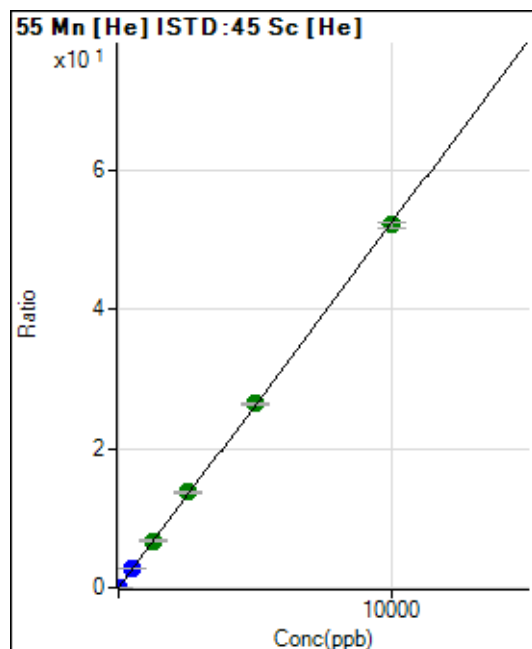
$$R = 0.9999$$

$$DL = 3.125$$

$$BEC = 16.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	81.11	0.0003	P	2.2
2	<input type="checkbox"/>	1.000	1.019	1486.75	0.0057	P	3.6
3	<input type="checkbox"/>	500.000	523.767	704043.57	2.7469	P	0.3
4	<input type="checkbox"/>	1250.000	1289.490	1668367.40	6.7622	A	1.1
5	<input type="checkbox"/>	2500.000	2615.831	3246615.37	13.7174	A	2.4
6	<input type="checkbox"/>	5000.000	5035.173	6308167.13	26.4042	A	0.7
7	<input type="checkbox"/>	10000.000	9947.331	12453377.18	52.1630	A	1.7
8	<input type="checkbox"/>			5793.38	0.0277	P	2.8

$$y = 0.0052 * x + 3.0988E-004$$

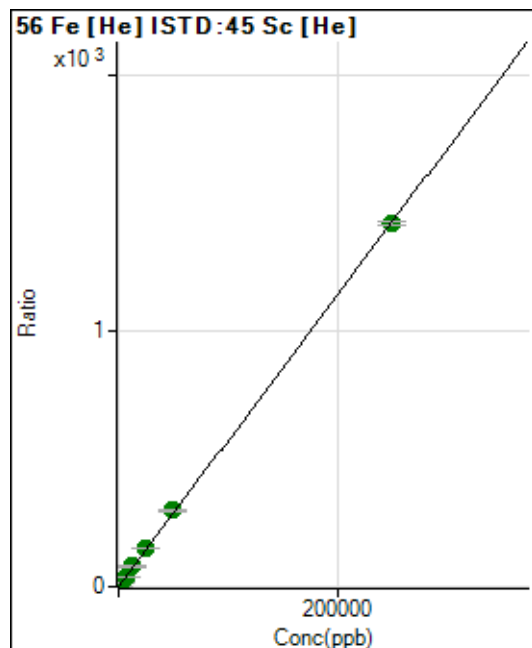
$$R = 0.9999$$

$$DL = 0.003872$$

$$BEC = 0.05909$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	9239.58	0.0353	P	0.8
2	<input type="checkbox"/>	50.000	56.042	93237.56	0.3544	P	0.4
3	<input type="checkbox"/>	2500.000	2757.629	4034058.41	15.7391	A	0.3
4	<input type="checkbox"/>	6250.000	6929.821	9745032.91	39.4985	A	0.7
5	<input type="checkbox"/>	12500.000	13976.763	18846344.58	79.6286	A	2.3
6	<input type="checkbox"/>	25000.000	26921.128	36634811.67	153.3427	A	0.7
7	<input type="checkbox"/>	50000.000	52636.330	71569318.93	299.7827	A	2.1
8	<input type="checkbox"/>	250000.00	249187.21	296498395.5	1,419.078	A	1.1

$$y = 0.0057 * x + 0.0353$$

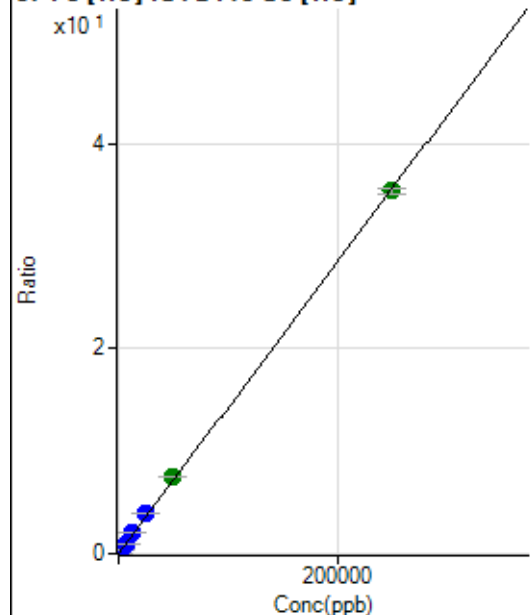
$$R = 0.9999$$

$$DL = 0.1563$$

$$BEC = 6.199$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	347.79	0.0013	P	21.3
2	<input type="checkbox"/>	50.000	55.740	2434.67	0.0093	P	7.5
3	<input type="checkbox"/>	2500.000	2877.036	105231.57	0.4106	P	0.2
4	<input type="checkbox"/>	6250.000	7095.324	249328.75	1.0106	P	1.2
5	<input type="checkbox"/>	12500.000	14381.807	484492.60	2.0471	P	2.3
6	<input type="checkbox"/>	25000.000	27753.016	943460.19	3.9490	P	0.5
7	<input type="checkbox"/>	50000.000	52970.433	1799177.54	7.5361	A	1.8
8	<input type="checkbox"/>	250000.00	249011.61	7400893.71	35.4217	A	1.4

$$y = 1.4224\text{E-}004 * x + 0.0013$$

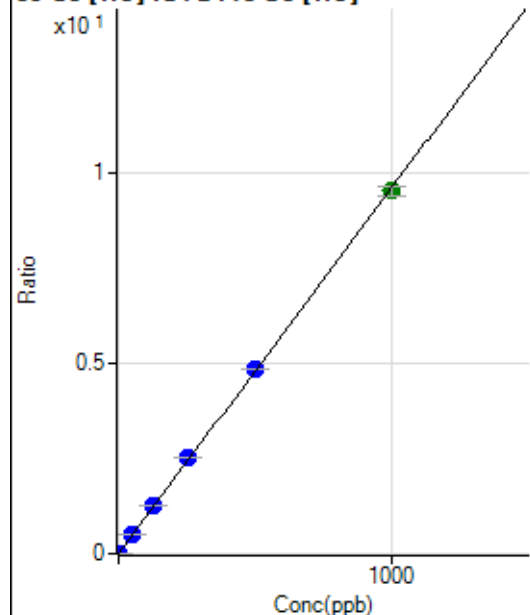
$$R = 0.9999$$

$$DL = 5.974$$

$$BEC = 9.343$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	43.33	0.0002	P	20.6
2	<input type="checkbox"/>	1.000	1.065	2734.72	0.0104	P	1.4
3	<input type="checkbox"/>	50.000	53.374	131518.98	0.5131	P	0.5
4	<input type="checkbox"/>	125.000	131.702	312317.87	1.2659	P	0.9
5	<input type="checkbox"/>	250.000	263.254	598876.24	2.5302	P	1.8
6	<input type="checkbox"/>	500.000	506.457	1162893.57	4.8675	P	0.2
7	<input type="checkbox"/>	1000.000	992.451	2277022.19	9.5381	A	2.7
8	<input type="checkbox"/>			2354.65	0.0113	P	2.7

$$y = 0.0096 * x + 1.6561\text{E-}004$$

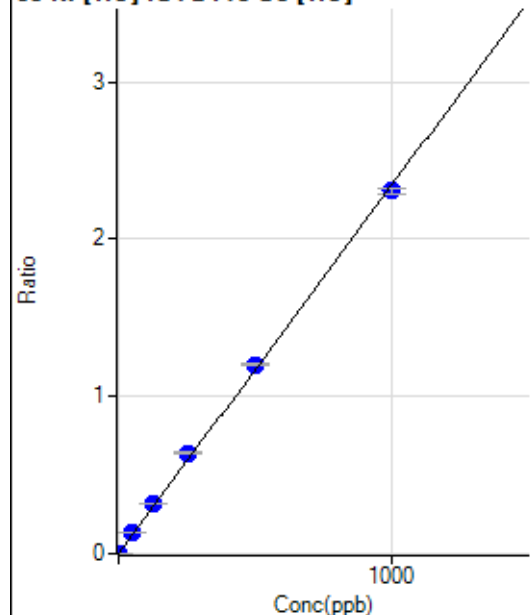
$$R = 0.9999$$

$$DL = 0.01065$$

$$BEC = 0.01723$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	65.55	0.0003	P	5.8
2	<input type="checkbox"/>	1.000	1.056	716.69	0.0027	P	4.5
3	<input type="checkbox"/>	50.000	55.254	33221.27	0.1296	P	0.8
4	<input type="checkbox"/>	125.000	136.980	79188.63	0.3210	P	0.6
5	<input type="checkbox"/>	250.000	272.683	151177.79	0.6387	P	1.6
6	<input type="checkbox"/>	500.000	514.340	287764.20	1.2045	P	0.5
7	<input type="checkbox"/>	1000.000	985.399	550864.21	2.3074	P	1.4
8	<input type="checkbox"/>			1743.45	0.0083	P	1.9

$$y = 0.0023 * x + 2.5045E-004$$

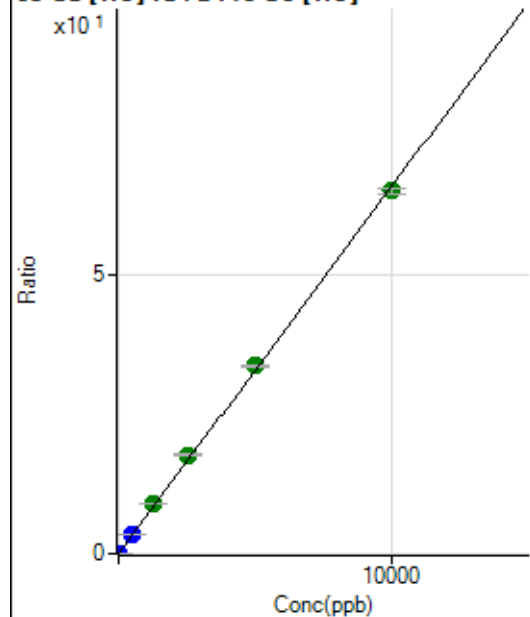
$$R = 0.9995$$

$$DL = 0.01869$$

$$BEC = 0.107$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	528.90	0.0020	P	3.6
2	<input type="checkbox"/>	2.000	2.192	4337.34	0.0165	P	0.5
3	<input type="checkbox"/>	500.000	537.705	909963.62	3.5504	P	0.8
4	<input type="checkbox"/>	1250.000	1350.402	2199119.79	8.9134	A	0.4
5	<input type="checkbox"/>	2500.000	2678.983	4185198.27	17.6807	A	1.4
6	<input type="checkbox"/>	5000.000	5111.321	8058768.35	33.7318	A	0.8
7	<input type="checkbox"/>	10000.000	9885.158	15574012.41	65.2345	A	1.4
8	<input type="checkbox"/>			2426.89	0.0116	P	0.4

$$y = 0.0066 * x + 0.0020$$

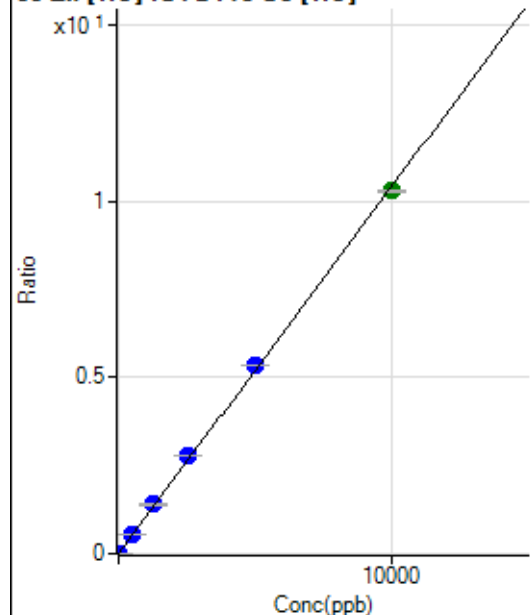
$$R = 0.9997$$

$$DL = 0.03304$$

$$BEC = 0.3062$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	108.33	0.0004	P	27.9
2	<input type="checkbox"/>	2.000	2.362	756.70	0.0029	P	5.2
3	<input type="checkbox"/>	500.000	541.095	144689.49	0.5645	P	0.3
4	<input type="checkbox"/>	1250.000	1336.876	343963.02	1.3941	P	0.8
5	<input type="checkbox"/>	2500.000	2672.535	659583.61	2.7866	P	1.7
6	<input type="checkbox"/>	5000.000	5112.381	1273458.21	5.3302	P	0.1
7	<input type="checkbox"/>	10000.000	9887.761	2461233.97	10.3087	A	0.5
8	<input type="checkbox"/>			7511.35	0.0359	P	4.1

$$y = 0.0010 * x + 4.1382E-004$$

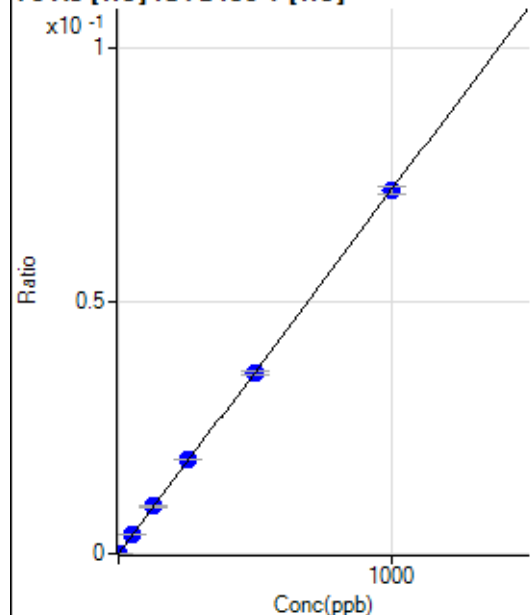
$$R = 0.9997$$

$$DL = 0.3324$$

$$BEC = 0.3969$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	3.33	0.0000	P	100.4
2	<input type="checkbox"/>	1.000	1.208	224.45	0.0001	P	2.7
3	<input type="checkbox"/>	50.000	53.121	9483.11	0.0038	P	2.3
4	<input type="checkbox"/>	125.000	129.620	22528.31	0.0093	P	0.8
5	<input type="checkbox"/>	250.000	260.601	43865.71	0.0188	P	0.7
6	<input type="checkbox"/>	500.000	498.436	85467.50	0.0359	P	1.7
7	<input type="checkbox"/>	1000.000	997.398	167919.48	0.0718	P	2.0
8	<input type="checkbox"/>			41.11	0.0000	P	17.5

$$y = 7.2022E-005 * x + 1.2873E-006$$

$$R = 0.9999$$

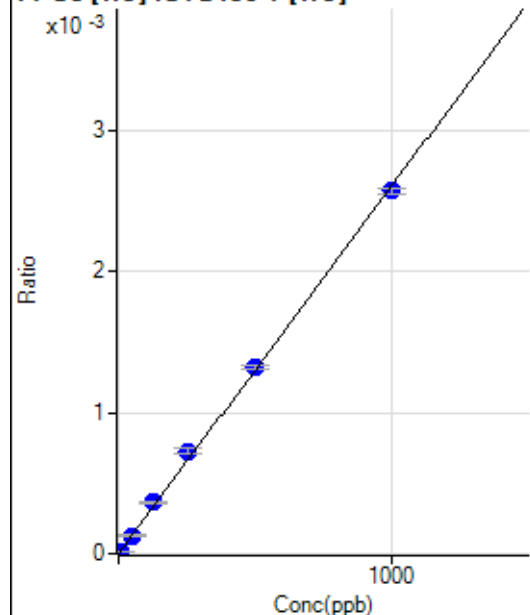
$$DL = 0.05382$$

$$BEC = 0.01787$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	5.000	5.216	34.45	0.0000	P	21.1
3	<input type="checkbox"/>	50.000	49.704	320.01	0.0001	P	11.5
4	<input type="checkbox"/>	125.000	138.795	871.15	0.0004	P	6.8
5	<input type="checkbox"/>	250.000	278.277	1691.23	0.0007	P	5.8
6	<input type="checkbox"/>	500.000	507.890	3145.92	0.0013	P	1.9
7	<input type="checkbox"/>	1000.000	987.275	6003.50	0.0026	P	1.6
8	<input type="checkbox"/>			7.78	0.0000	P	49.6

$$y = 2.6013\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

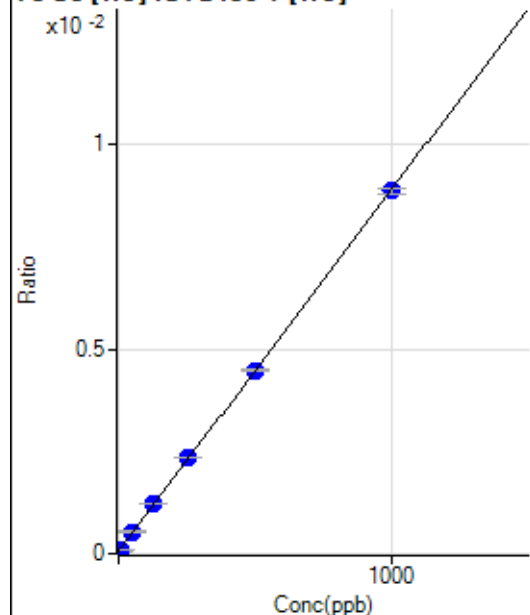
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	153.34	0.0001	P	8.5
2	<input type="checkbox"/>	5.000	5.489	274.45	0.0001	P	5.0
3	<input type="checkbox"/>	50.000	52.997	1306.74	0.0005	P	6.7
4	<input type="checkbox"/>	125.000	132.007	2955.88	0.0012	P	2.3
5	<input type="checkbox"/>	250.000	259.939	5503.30	0.0024	P	1.2
6	<input type="checkbox"/>	500.000	500.149	10657.26	0.0045	P	1.3
7	<input type="checkbox"/>	1000.000	996.412	20711.23	0.0089	P	1.6
8	<input type="checkbox"/>			131.12	0.0001	P	11.6

$$y = 8.8311\text{E-}006 * x + 5.9439\text{E-}005$$

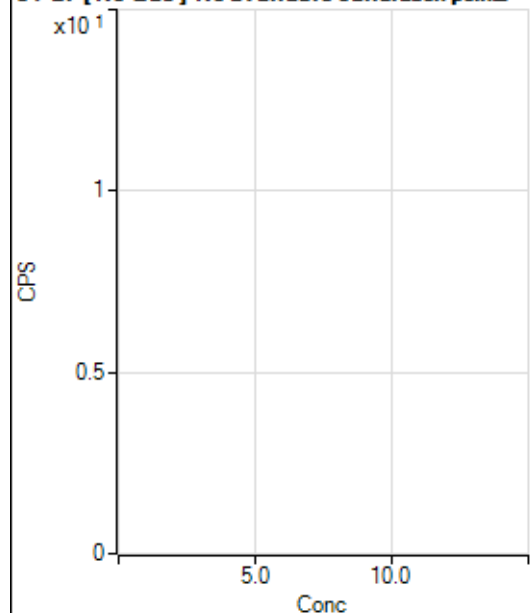
$$R = 0.9999$$

$$DL = 1.709$$

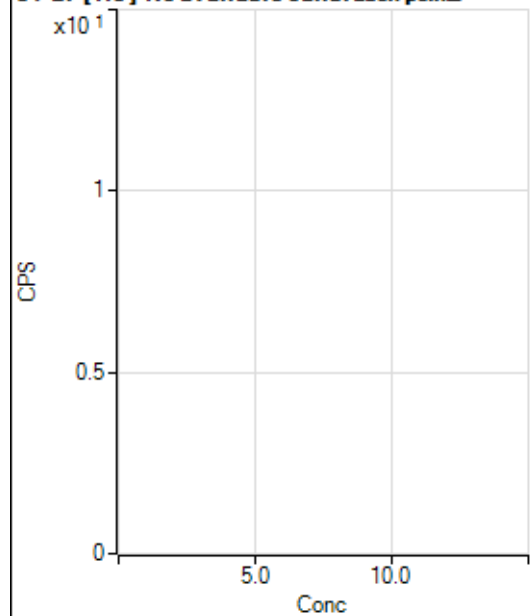
$$BEC = 6.731$$

Weight: <None>

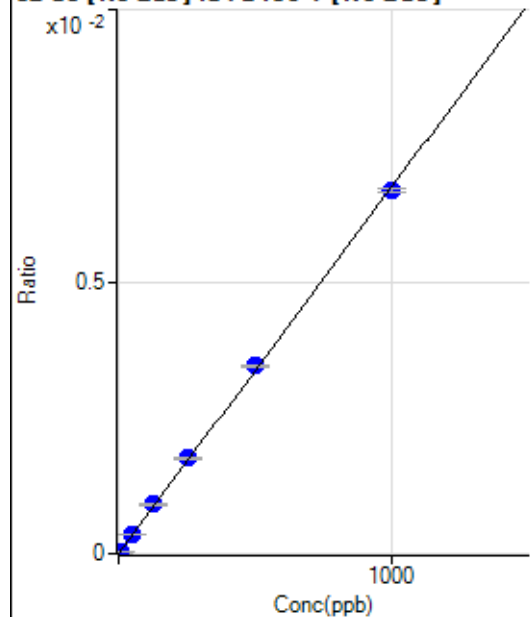
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			35197.50		P	1.7
2	<input type="checkbox"/>			35391.42		P	0.2
3	<input type="checkbox"/>			34449.18		P	0.7
4	<input type="checkbox"/>			32727.49		P	2.2
5	<input type="checkbox"/>			32920.04		P	0.8
6	<input type="checkbox"/>			30423.64		P	1.8
7	<input type="checkbox"/>			29584.18		P	1.5
8	<input type="checkbox"/>			27805.18		P	3.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			57.78		P	26.6
2	<input type="checkbox"/>			61.11		P	22.0
3	<input type="checkbox"/>			55.56		P	9.2
4	<input type="checkbox"/>			50.00		P	24.0
5	<input type="checkbox"/>			47.78		P	22.4
6	<input type="checkbox"/>			46.67		P	39.8
7	<input type="checkbox"/>			36.66		P	15.7
8	<input type="checkbox"/>			42.22		P	50.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	-10.12	0.0000	P	-123.5
2	<input type="checkbox"/>	5.000	5.128	338.32	0.0000	P	5.9
3	<input type="checkbox"/>	50.000	53.310	3527.90	0.0004	P	2.8
4	<input type="checkbox"/>	125.000	134.073	8801.84	0.0009	P	2.2
5	<input type="checkbox"/>	250.000	260.461	16758.84	0.0018	P	0.7
6	<input type="checkbox"/>	500.000	511.983	32645.32	0.0035	P	0.6
7	<input type="checkbox"/>	1000.000	990.093	63624.33	0.0067	P	0.9
8	<input type="checkbox"/>			119.14	0.0000	P	10.8

$$y = 6.7454E-006 * x - 9.9958E-007$$

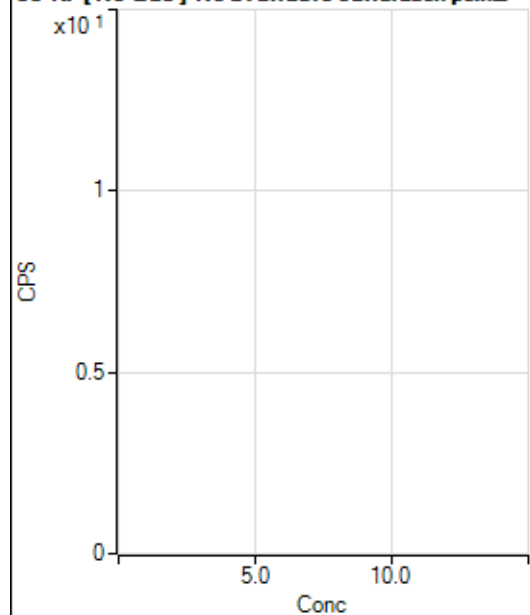
$$R = 0.9998$$

$$DL = 0.549$$

$$BEC = -0.1482$$

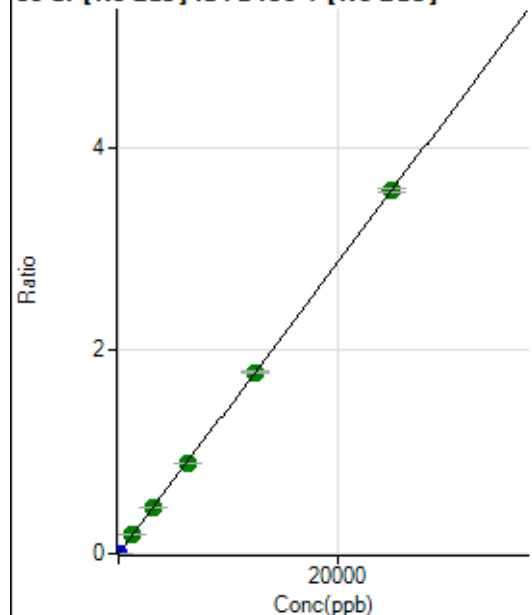
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			86.66		P	6.7
2	<input type="checkbox"/>			74.44		P	25.9
3	<input type="checkbox"/>			87.78		P	5.8
4	<input type="checkbox"/>			55.55		P	30.2
5	<input type="checkbox"/>			51.11		P	10.0
6	<input type="checkbox"/>			76.67		P	22.6
7	<input type="checkbox"/>			86.67		P	13.9
8	<input type="checkbox"/>			105.56		P	3.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	96.67	0.0000	P	15.0
2	<input type="checkbox"/>	1.000	1.067	1633.44	0.0002	P	2.0
3	<input type="checkbox"/>	1250.000	1301.966	1831067.96	0.1861	A	1.8
4	<input type="checkbox"/>	3125.000	3209.799	4470638.10	0.4588	A	0.9
5	<input type="checkbox"/>	6250.000	6272.012	8556798.76	0.8966	A	0.5
6	<input type="checkbox"/>	12500.000	12473.650	16858567.25	1.7830	A	1.4
7	<input type="checkbox"/>	25000.000	24994.474	34041206.16	3.5728	A	1.2
8	<input type="checkbox"/>			11416.85	0.0014	P	15.8

$$y = 1.4294\text{E-}004 * x + 9.5609\text{E-}006$$

$$R = 1.0000$$

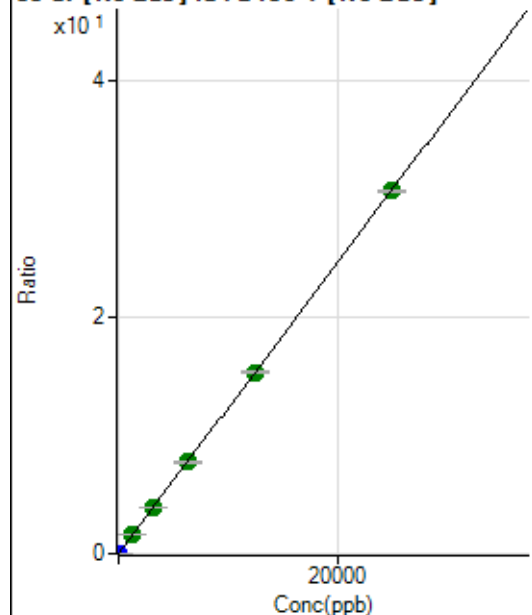
$$DL = 0.03011$$

$$BEC = 0.06689$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	154.45	0.0000	P	7.1
2	<input type="checkbox"/>	1.000	0.998	12518.75	0.0012	P	1.7
3	<input type="checkbox"/>	1250.000	1292.596	15638090.88	1.5895	A	2.0
4	<input type="checkbox"/>	3125.000	3183.412	38143558.88	3.9146	A	0.8
5	<input type="checkbox"/>	6250.000	6293.366	73861646.12	7.7389	A	1.5
6	<input type="checkbox"/>	12500.000	12504.376	145389582.2	15.3766	A	1.2
7	<input type="checkbox"/>	25000.000	24977.539	292654706.7	30.7148	A	0.8
8	<input type="checkbox"/>			98556.41	0.0117	P	19.7

$$y = 0.0012 * x + 1.5277\text{E-}005$$

$$R = 1.0000$$

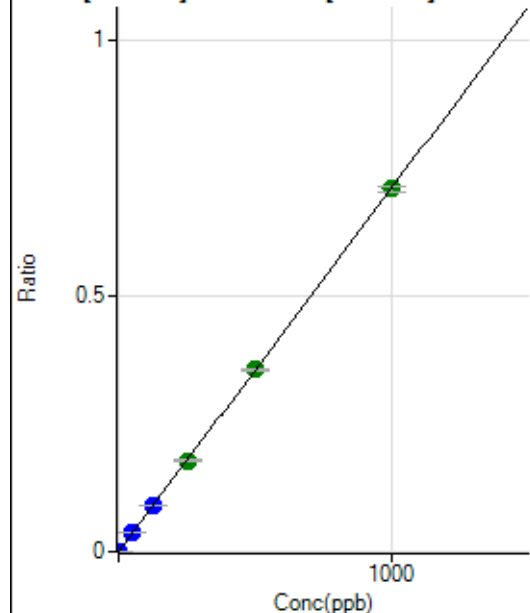
$$DL = 0.002649$$

$$BEC = 0.01242$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	293.34	0.0000	P	23.7
2	<input type="checkbox"/>	1.000	0.949	7073.99	0.0007	P	1.1
3	<input type="checkbox"/>	50.000	51.260	357986.24	0.0364	P	1.3
4	<input type="checkbox"/>	125.000	127.882	884078.49	0.0907	P	0.8
5	<input type="checkbox"/>	250.000	251.094	1699957.06	0.1781	A	1.0
6	<input type="checkbox"/>	500.000	502.124	3367667.24	0.3562	A	1.1
7	<input type="checkbox"/>	1000.000	998.242	6746059.20	0.7081	A	1.4
8	<input type="checkbox"/>			2091.29	0.0002	P	23.2

$$y = 7.0927\text{E-}004 * x + 2.9012\text{E-}005$$

$$R = 1.0000$$

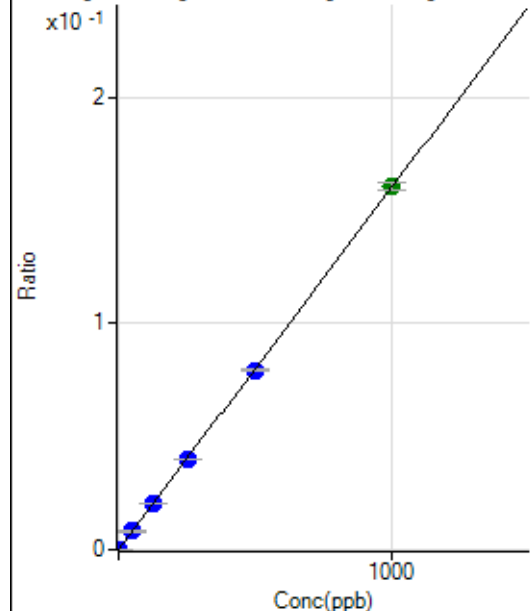
$$DL = 0.02908$$

$$BEC = 0.0409$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	47.78	0.0000	P	35.0
2	<input type="checkbox"/>	1.000	0.927	1543.43	0.0002	P	8.1
3	<input type="checkbox"/>	50.000	50.977	80355.02	0.0082	P	2.6
4	<input type="checkbox"/>	125.000	127.153	198447.18	0.0204	P	1.1
5	<input type="checkbox"/>	250.000	249.251	380978.35	0.0399	P	0.9
6	<input type="checkbox"/>	500.000	495.372	750110.22	0.0793	P	0.8
7	<input type="checkbox"/>	1000.000	1002.183	1529017.30	0.1605	A	2.0
8	<input type="checkbox"/>			467.79	0.0001	P	28.2

$$y = 1.6014\text{E-}004 * x + 4.7241\text{E-}006$$

$$R = 1.0000$$

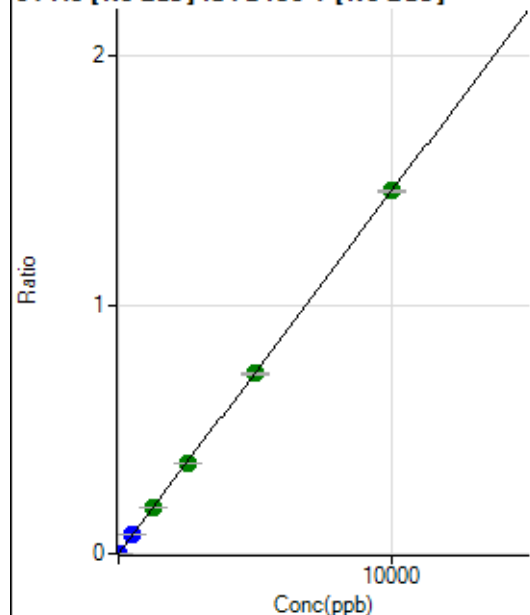
$$DL = 0.031$$

$$BEC = 0.0295$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	98.89	0.0000	P	27.2
2	<input type="checkbox"/>	5.000	5.692	8460.29	0.0008	P	4.3
3	<input type="checkbox"/>	500.000	514.108	737734.86	0.0750	P	1.1
4	<input type="checkbox"/>	1250.000	1278.375	1816651.27	0.1864	A	0.5
5	<input type="checkbox"/>	2500.000	2510.655	3494538.53	0.3661	A	0.2
6	<input type="checkbox"/>	5000.000	4970.174	6853696.63	0.7248	A	0.9
7	<input type="checkbox"/>	10000.000	10007.997	13905991.04	1.4595	A	0.8
8	<input type="checkbox"/>			4132.88	0.0005	P	19.0

$$y = 1.4583E-004 * x + 9.7839E-006$$

$$R = 1.0000$$

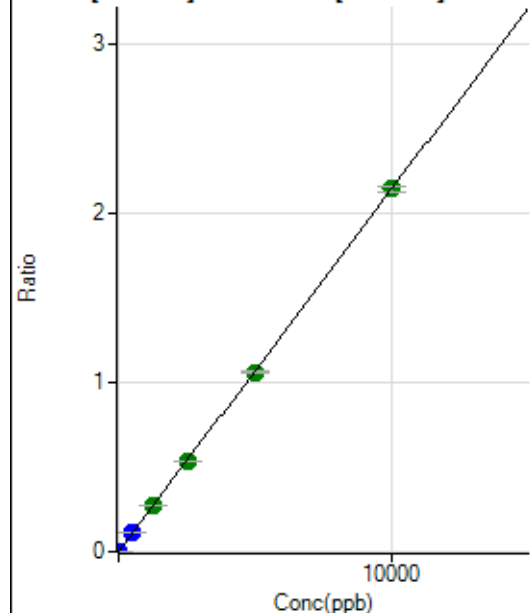
$$DL = 0.05476$$

$$BEC = 0.06709$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	38.89	0.0000	P	39.5
2	<input type="checkbox"/>	5.000	4.902	10595.02	0.0011	P	1.9
3	<input type="checkbox"/>	500.000	511.928	1076693.80	0.1094	P	1.2
4	<input type="checkbox"/>	1250.000	1282.991	2672384.04	0.2743	A	0.3
5	<input type="checkbox"/>	2500.000	2508.494	5117892.18	0.5362	A	0.5
6	<input type="checkbox"/>	5000.000	4960.179	10025713.67	1.0603	A	0.9
7	<input type="checkbox"/>	10000.000	10013.066	20393027.75	2.1404	A	1.6
8	<input type="checkbox"/>			5286.61	0.0006	P	22.9

$$y = 2.1376E-004 * x + 3.8452E-006$$

$$R = 1.0000$$

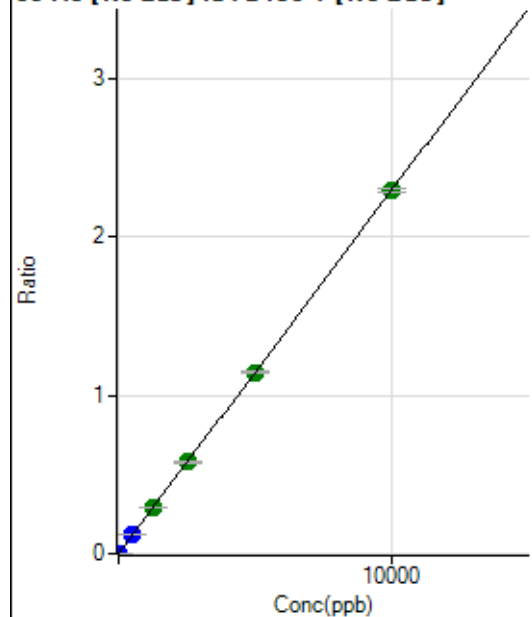
$$DL = 0.02129$$

$$BEC = 0.01799$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	77.78	0.0000	P	31.7
2	<input type="checkbox"/>	5.000	5.005	11638.05	0.0012	P	1.4
3	<input type="checkbox"/>	500.000	513.182	1157652.97	0.1177	P	1.2
4	<input type="checkbox"/>	1250.000	1281.378	2862684.96	0.2938	A	0.7
5	<input type="checkbox"/>	2500.000	2517.754	5508950.27	0.5772	A	1.4
6	<input type="checkbox"/>	5000.000	5003.229	10845891.78	1.1471	A	1.0
7	<input type="checkbox"/>	10000.000	9989.366	21821203.57	2.2902	A	0.9
8	<input type="checkbox"/>			13307.36	0.0016	P	10.0

$$y = 2.2927E-004 * x + 7.6941E-006$$

$$R = 1.0000$$

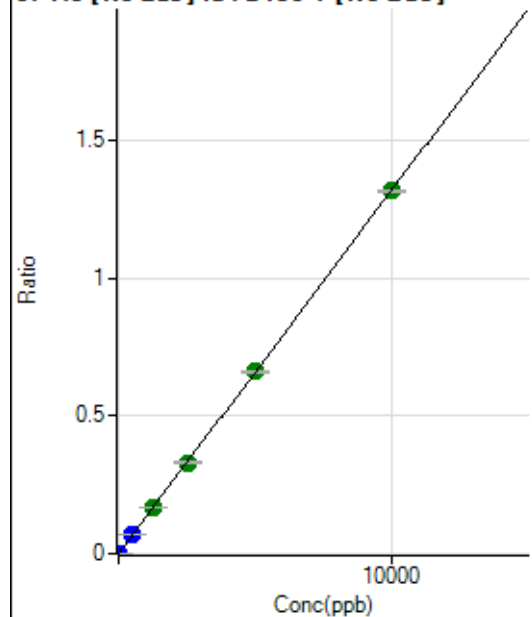
$$DL = 0.03188$$

$$BEC = 0.03356$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	23.33	0.0000	P	57.1
2	<input type="checkbox"/>	5.000	4.790	6393.67	0.0006	P	3.7
3	<input type="checkbox"/>	500.000	511.376	664304.01	0.0675	P	1.6
4	<input type="checkbox"/>	1250.000	1276.533	1642307.33	0.1685	A	0.3
5	<input type="checkbox"/>	2500.000	2513.318	3167105.65	0.3318	A	1.5
6	<input type="checkbox"/>	5000.000	5005.917	6249388.59	0.6610	A	1.3
7	<input type="checkbox"/>	10000.000	9989.827	12568156.06	1.3190	A	0.4
8	<input type="checkbox"/>			3522.70	0.0004	P	24.2

$$y = 1.3203E-004 * x + 2.3074E-006$$

$$R = 1.0000$$

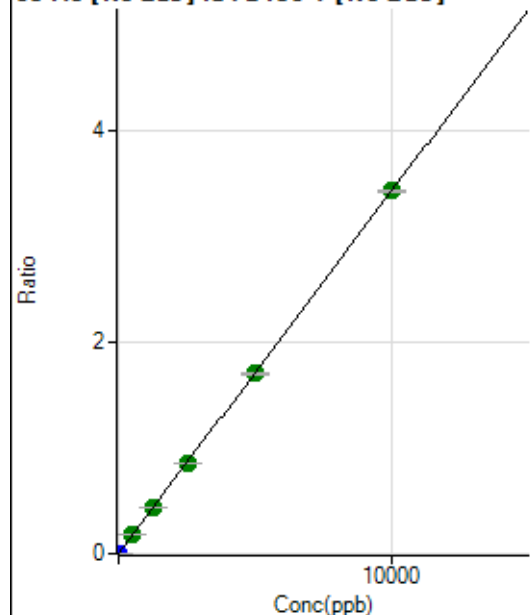
$$DL = 0.02991$$

$$BEC = 0.01748$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	42.22	0.0000	P	25.5
2	<input type="checkbox"/>	5.000	4.870	16868.71	0.0017	P	2.1
3	<input type="checkbox"/>	500.000	520.084	1755045.60	0.1784	A	1.8
4	<input type="checkbox"/>	1250.000	1270.946	4247569.94	0.4359	A	1.5
5	<input type="checkbox"/>	2500.000	2507.079	8207413.42	0.8599	A	0.8
6	<input type="checkbox"/>	5000.000	4977.106	16141633.37	1.7071	A	0.8
7	<input type="checkbox"/>	10000.000	10006.055	32701506.73	3.4321	A	0.7
8	<input type="checkbox"/>			8302.59	0.0010	P	26.8

$$y = 3.4300\text{E-}004 * x + 4.1769\text{E-}006$$

$$R = 1.0000$$

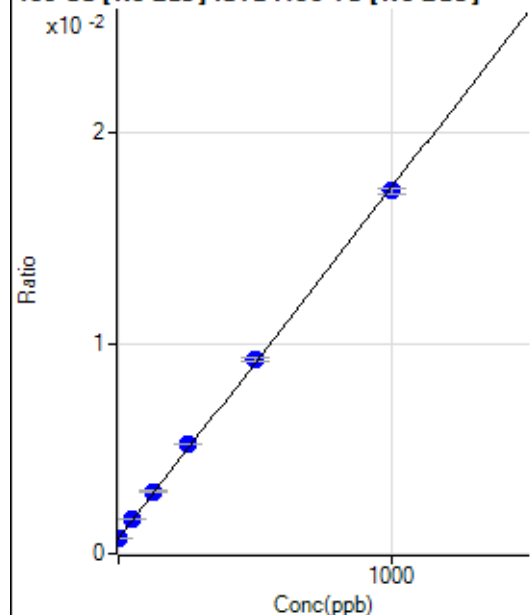
$$DL = 0.009301$$

$$BEC = 0.01218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	5034.25	0.0007	P	5.0
2	<input type="checkbox"/>	1.000	0.522	5095.39	0.0007	P	0.4
3	<input type="checkbox"/>	50.000	53.844	10898.62	0.0016	P	2.9
4	<input type="checkbox"/>	125.000	133.407	19759.05	0.0030	P	1.4
5	<input type="checkbox"/>	250.000	267.444	34156.89	0.0052	P	0.8
6	<input type="checkbox"/>	500.000	509.250	61012.86	0.0092	P	1.1
7	<input type="checkbox"/>	1000.000	989.771	115238.06	0.0172	P	1.7
8	<input type="checkbox"/>			4301.78	0.0007	P	4.4

$$y = 1.6678\text{E-}005 * x + 7.3312\text{E-}004$$

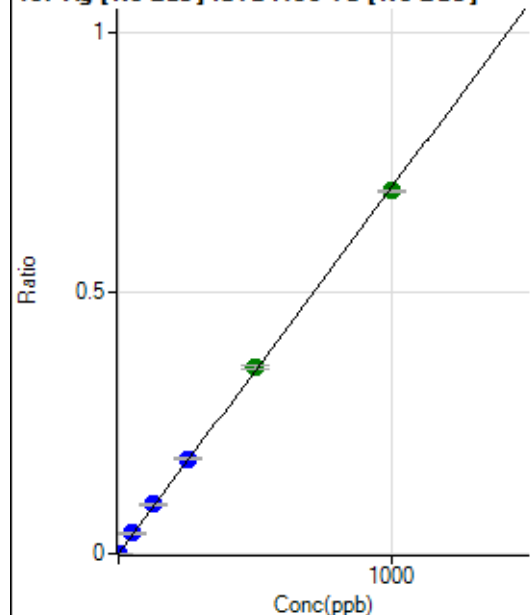
$$R = 0.9998$$

$$DL = 6.566$$

$$BEC = 43.96$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	67.78	0.0000	P	10.4
2	<input type="checkbox"/>	1.000	1.040	5082.06	0.0007	P	2.8
3	<input type="checkbox"/>	50.000	55.245	259043.44	0.0388	P	2.0
4	<input type="checkbox"/>	125.000	134.743	631558.56	0.0946	P	1.2
5	<input type="checkbox"/>	250.000	259.768	1198675.71	0.1823	P	1.6
6	<input type="checkbox"/>	500.000	509.773	2365061.27	0.3577	A	2.1
7	<input type="checkbox"/>	1000.000	991.191	4648670.45	0.6955	A	0.9
8	<input type="checkbox"/>			2193.52	0.0004	P	11.3

$$y = 7.0165\text{E-}004 * x + 9.8690\text{E-}006$$

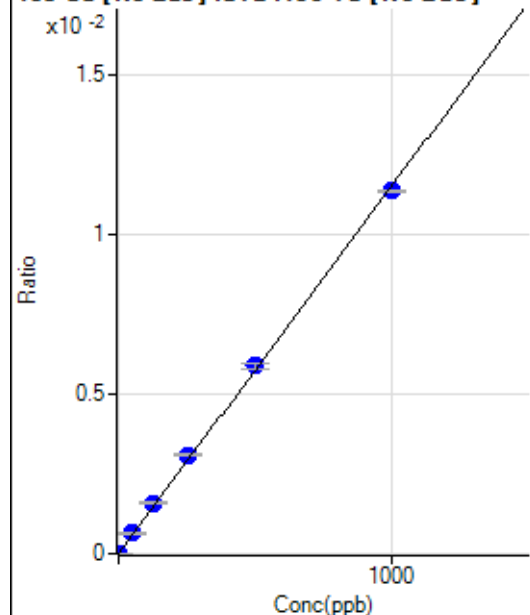
$$R = 0.9999$$

$$DL = 0.004389$$

$$BEC = 0.01407$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	12.22	0.0000	P	63.2
2	<input type="checkbox"/>	1.000	0.984	90.00	0.0000	P	19.7
3	<input type="checkbox"/>	50.000	55.639	4289.57	0.0006	P	4.0
4	<input type="checkbox"/>	125.000	136.836	10530.58	0.0016	P	2.7
5	<input type="checkbox"/>	250.000	267.671	20269.84	0.0031	P	1.6
6	<input type="checkbox"/>	500.000	512.308	38992.31	0.0059	P	3.0
7	<input type="checkbox"/>	1000.000	987.667	75988.66	0.0114	P	0.4
8	<input type="checkbox"/>			57.78	0.0000	P	5.4

$$y = 1.1509\text{E-}005 * x + 1.7842\text{E-}006$$

$$R = 0.9997$$

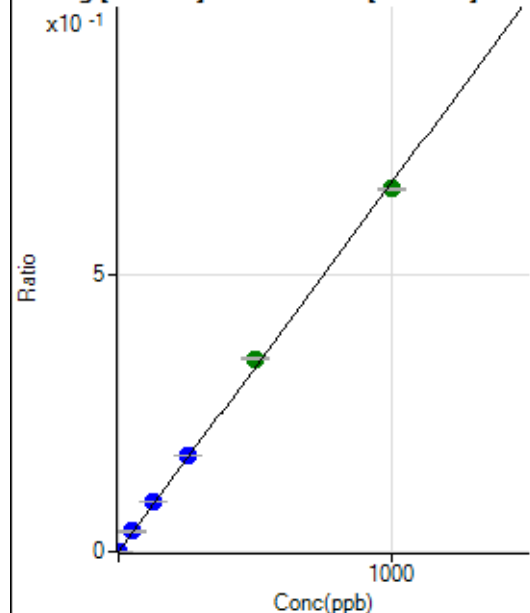
$$DL = 0.2941$$

$$BEC = 0.155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	13.33	0.0000	P	49.8
2	<input type="checkbox"/>	1.000	1.040	4754.16	0.0007	P	1.1
3	<input type="checkbox"/>	50.000	55.139	244496.27	0.0366	P	1.7
4	<input type="checkbox"/>	125.000	134.830	597683.91	0.0895	P	0.7
5	<input type="checkbox"/>	250.000	260.989	1139042.51	0.1732	P	1.5
6	<input type="checkbox"/>	500.000	523.632	2297968.58	0.3475	A	1.2
7	<input type="checkbox"/>	1000.000	983.951	4364698.75	0.6530	A	0.8
8	<input type="checkbox"/>			1924.59	0.0003	P	11.9

$$y = 6.6364\text{E-}004 * x + 1.9420\text{E-}006$$

$$R = 0.9995$$

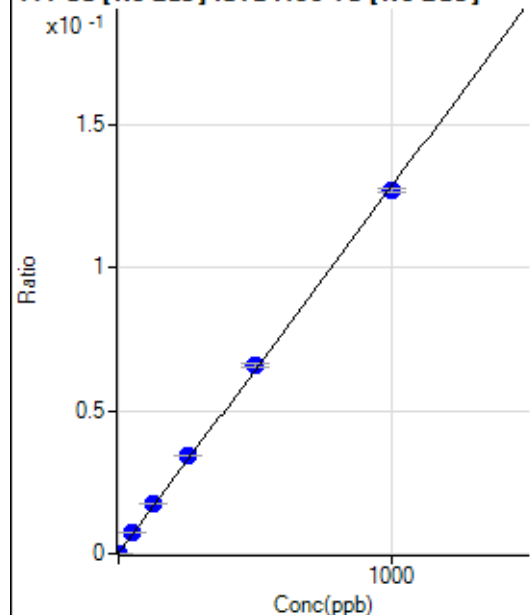
$$DL = 0.004373$$

$$BEC = 0.002926$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	1003.85	0.0001	P	5.2
2	<input type="checkbox"/>	1.000	1.087	1961.68	0.0003	P	0.7
3	<input type="checkbox"/>	50.000	55.742	48724.99	0.0073	P	1.6
4	<input type="checkbox"/>	125.000	137.062	118348.69	0.0177	P	0.8
5	<input type="checkbox"/>	250.000	266.300	225475.46	0.0343	P	1.8
6	<input type="checkbox"/>	500.000	511.957	434943.05	0.0658	P	2.2
7	<input type="checkbox"/>	1000.000	988.152	847761.18	0.1268	P	0.9
8	<input type="checkbox"/>			1163.25	0.0002	P	3.2

$$y = 1.2820\text{E-}004 * x + 1.4619\text{E-}004$$

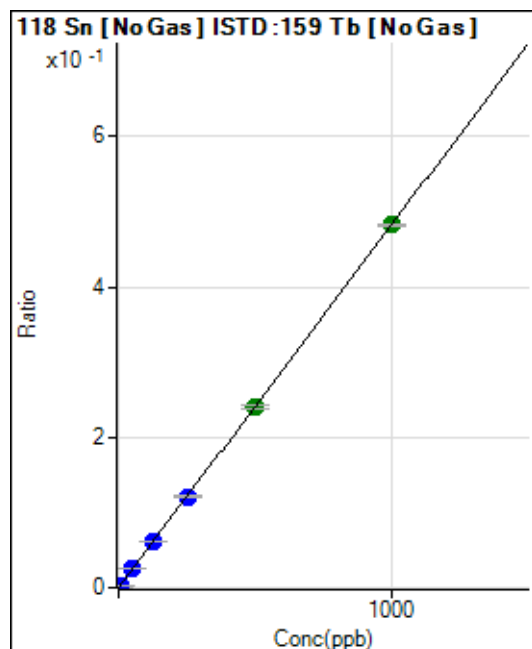
$$R = 0.9997$$

$$DL = 0.1763$$

$$BEC = 1.14$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	387.79	0.0001	P	10.2
2	<input type="checkbox"/>	5.000	4.868	16526.23	0.0024	P	0.3
3	<input type="checkbox"/>	50.000	51.539	166568.86	0.0249	P	1.7
4	<input type="checkbox"/>	125.000	127.452	411253.38	0.0616	P	0.6
5	<input type="checkbox"/>	250.000	250.912	796736.91	0.1212	P	1.6
6	<input type="checkbox"/>	500.000	498.702	1591861.03	0.2407	A	2.0
7	<input type="checkbox"/>	1000.000	1000.038	3226529.74	0.4827	A	0.3
8	<input type="checkbox"/>			1951.26	0.0003	P	5.0

$$y = 4.8263\text{E-}004 * x + 5.6487\text{E-}005$$

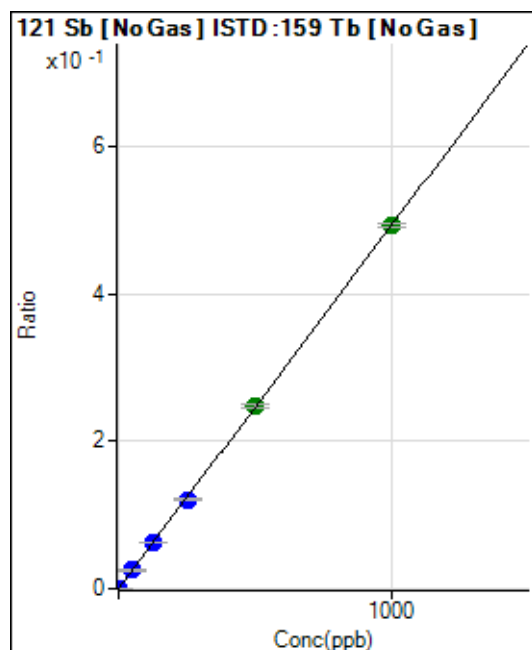
$$R = 1.0000$$

$$DL = 0.03586$$

$$BEC = 0.117$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	31.11	0.0000	P	5.8
2	<input type="checkbox"/>	2.000	1.990	6773.87	0.0010	P	2.8
3	<input type="checkbox"/>	50.000	50.374	166099.13	0.0249	P	2.1
4	<input type="checkbox"/>	125.000	125.404	413352.86	0.0619	P	0.9
5	<input type="checkbox"/>	250.000	244.963	794952.98	0.1209	P	1.4
6	<input type="checkbox"/>	500.000	505.144	1648141.14	0.2493	A	2.2
7	<input type="checkbox"/>	1000.000	998.618	3293713.88	0.4928	A	0.9
8	<input type="checkbox"/>			1981.27	0.0003	P	5.4

$$y = 4.9344\text{E-}004 * x + 4.5287\text{E-}006$$

$$R = 1.0000$$

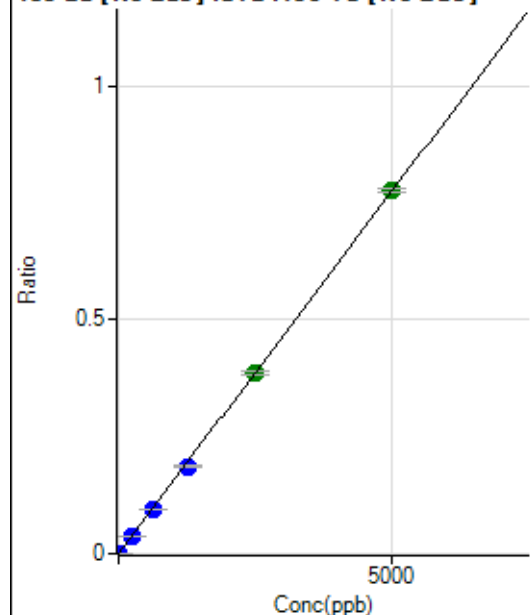
$$DL = 0.001608$$

$$BEC = 0.009178$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	73.34	0.0000	P	21.0
2	<input type="checkbox"/>	10.000	9.366	10033.62	0.0015	P	1.0
3	<input type="checkbox"/>	250.000	248.339	256971.84	0.0385	P	1.8
4	<input type="checkbox"/>	625.000	612.739	633773.72	0.0949	P	0.5
5	<input type="checkbox"/>	1250.000	1204.872	1226882.53	0.1866	P	1.8
6	<input type="checkbox"/>	2500.000	2497.784	2557268.97	0.3868	A	1.9
7	<input type="checkbox"/>	5000.000	5014.007	5189216.90	0.7763	A	0.9
8	<input type="checkbox"/>			3199.28	0.0005	P	12.0

$$y = 1.5483\text{E-}004 * x + 1.0682\text{E-}005$$

$$R = 1.0000$$

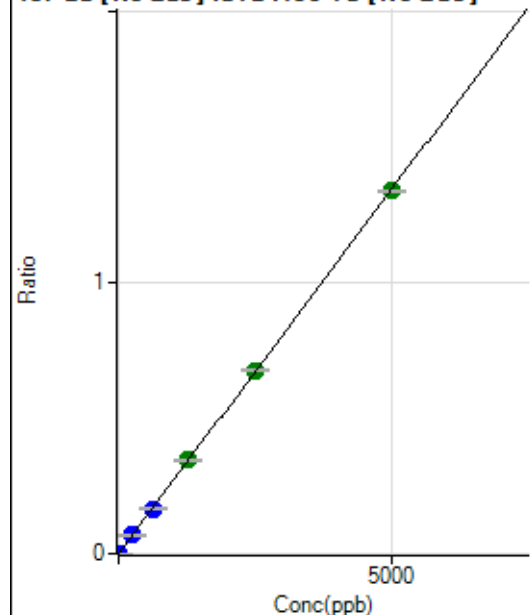
$$DL = 0.04353$$

$$BEC = 0.06899$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	95.56	0.0000	P	33.2
2	<input type="checkbox"/>	10.000	9.559	17730.01	0.0026	P	1.7
3	<input type="checkbox"/>	250.000	250.995	450494.94	0.0674	P	1.7
4	<input type="checkbox"/>	625.000	619.617	1111683.64	0.1664	P	0.9
5	<input type="checkbox"/>	1250.000	1283.654	2267433.32	0.3448	A	1.5
6	<input type="checkbox"/>	2500.000	2520.999	4477606.57	0.6771	A	1.2
7	<input type="checkbox"/>	5000.000	4981.711	8943611.46	1.3380	A	0.2
8	<input type="checkbox"/>			5611.18	0.0010	P	9.2

$$y = 2.6858\text{E-}004 * x + 1.3884\text{E-}005$$

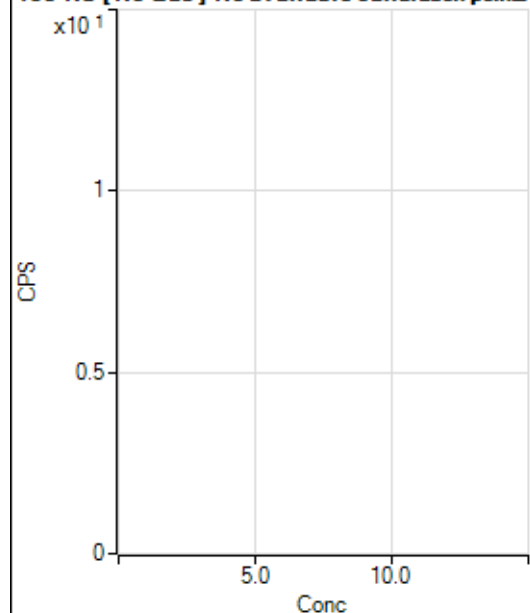
$$R = 1.0000$$

$$DL = 0.0515$$

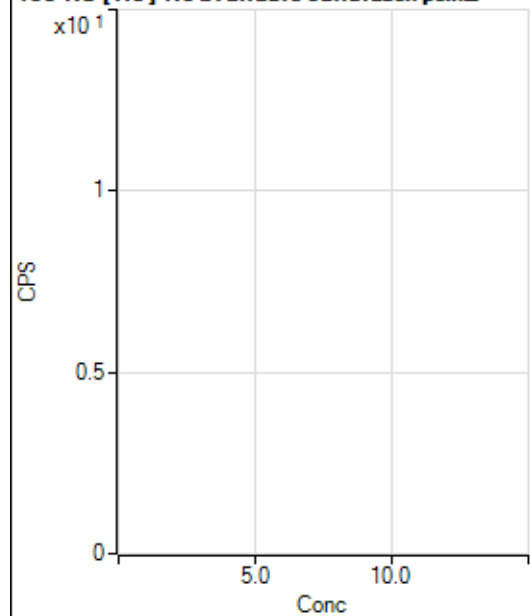
$$BEC = 0.05169$$

Weight: <None>

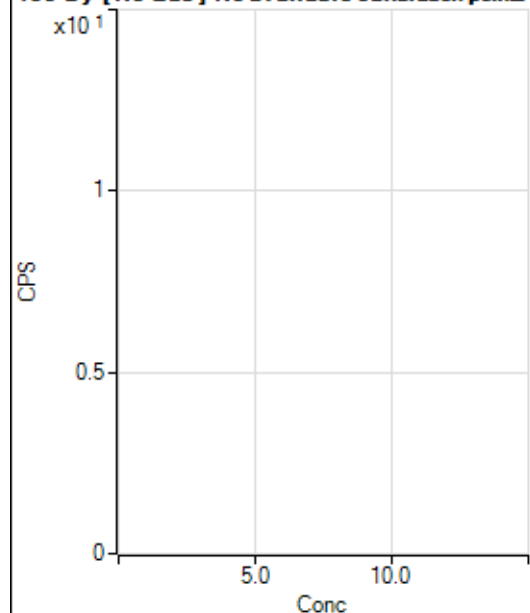
Min Conc: 0

150 Nd [No Gas] No available calibration points

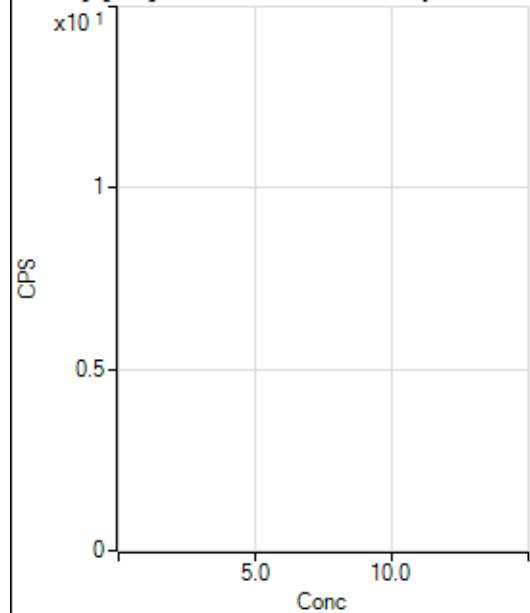
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			3.33		P	0.0
2	<input type="checkbox"/>			6.67		P	100.0
3	<input type="checkbox"/>			51.11		P	21.0
4	<input type="checkbox"/>			164.45		P	1.2
5	<input type="checkbox"/>			292.23		P	14.1
6	<input type="checkbox"/>			540.02		P	5.9
7	<input type="checkbox"/>			1130.05		P	6.9
8	<input type="checkbox"/>			33.33		P	26.4

150 Nd [He] No available calibration points

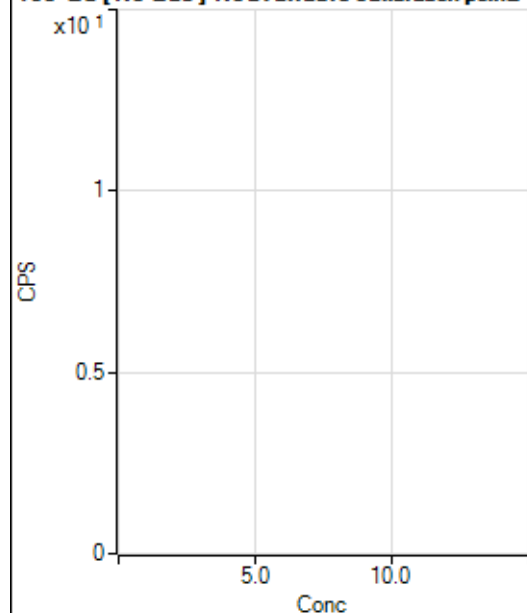
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			3.33		P	100.1
2	<input type="checkbox"/>			2.22		P	86.6
3	<input type="checkbox"/>			23.34		P	49.5
4	<input type="checkbox"/>			37.78		P	33.4
5	<input type="checkbox"/>			60.00		P	5.5
6	<input type="checkbox"/>			110.00		P	13.9
7	<input type="checkbox"/>			217.78		P	5.8
8	<input type="checkbox"/>			21.11		P	24.1

156 Dy [No Gas] No available calibration points

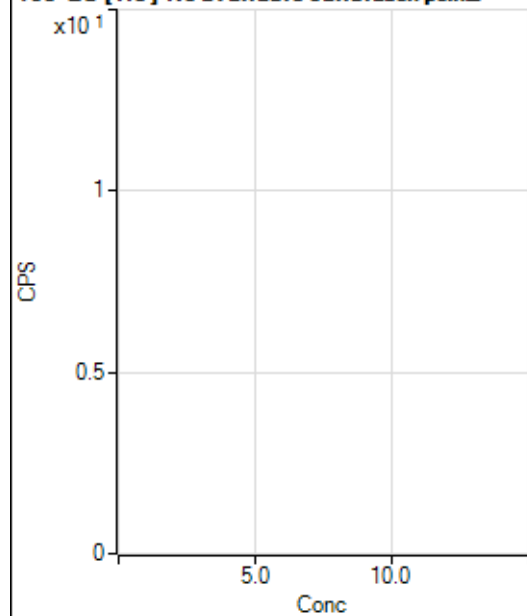
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			5.56		P	34.7
2	<input type="checkbox"/>			11.11		P	34.6
3	<input type="checkbox"/>			18.89		P	27.0
4	<input type="checkbox"/>			70.00		P	4.8
5	<input type="checkbox"/>			94.45		P	18.1
6	<input type="checkbox"/>			170.00		P	11.8
7	<input type="checkbox"/>			348.90		P	4.8
8	<input type="checkbox"/>			793.37		P	3.7

156 Dy [He] No available calibration points

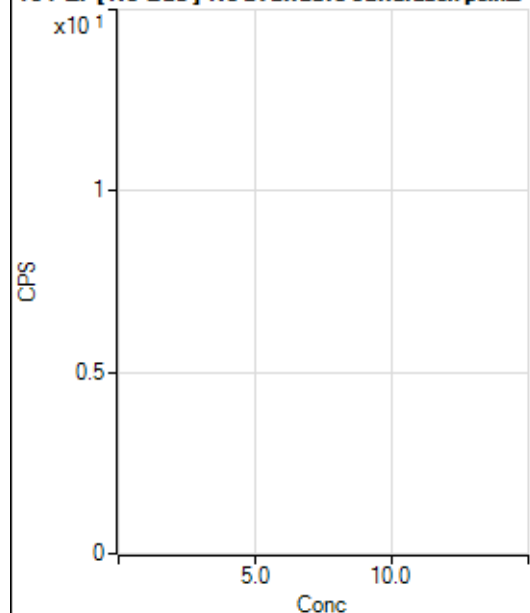
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			6.67		P	100.0
2	<input type="checkbox"/>			6.66		P	86.6
3	<input type="checkbox"/>			18.89		P	40.7
4	<input type="checkbox"/>			52.22		P	24.2
5	<input type="checkbox"/>			90.00		P	19.6
6	<input type="checkbox"/>			162.23		P	4.7
7	<input type="checkbox"/>			325.56		P	8.5
8	<input type="checkbox"/>			548.90		P	11.9

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

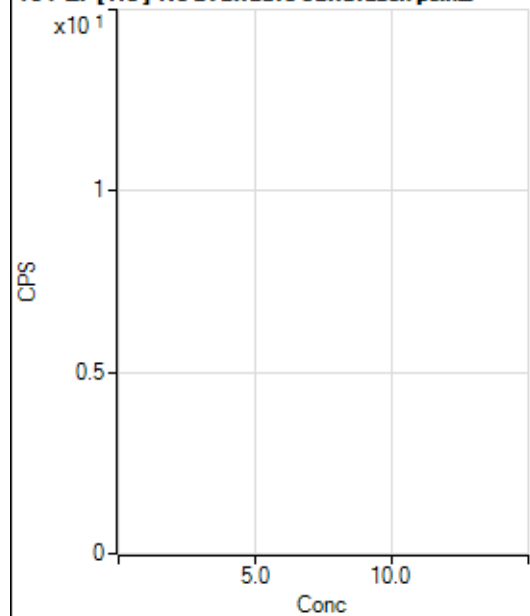
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			28.89		P	33.3
2	<input type="checkbox"/>			38.89		P	42.3
3	<input type="checkbox"/>			53.33		P	48.8
4	<input type="checkbox"/>			67.78		P	17.3
5	<input type="checkbox"/>			101.11		P	3.8
6	<input type="checkbox"/>			147.78		P	6.5
7	<input type="checkbox"/>			251.11		P	4.7
8	<input type="checkbox"/>			871.15		P	3.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			181.12		P	7.4
2	<input type="checkbox"/>			218.89		P	12.3
3	<input type="checkbox"/>			181.11		P	11.8
4	<input type="checkbox"/>			200.00		P	10.9
5	<input type="checkbox"/>			223.34		P	13.3
6	<input type="checkbox"/>			266.67		P	6.3
7	<input type="checkbox"/>			363.34		P	4.8
8	<input type="checkbox"/>			818.92		P	4.5

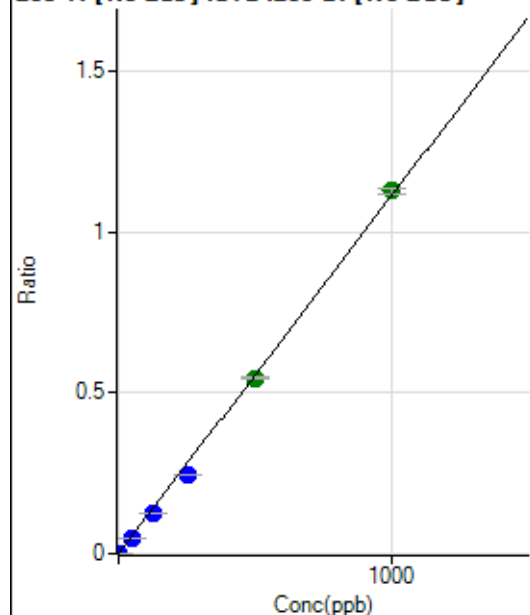
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			40.00		P	14.4
2	<input type="checkbox"/>			45.56		P	11.2
3	<input type="checkbox"/>			52.22		P	30.2
4	<input type="checkbox"/>			47.78		P	14.5
5	<input type="checkbox"/>			48.89		P	17.2
6	<input type="checkbox"/>			72.22		P	2.7
7	<input type="checkbox"/>			80.00		P	20.8
8	<input type="checkbox"/>			107.78		P	15.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			35.56		P	5.4
2	<input type="checkbox"/>			33.33		P	55.7
3	<input type="checkbox"/>			25.56		P	58.8
4	<input type="checkbox"/>			32.22		P	21.5
5	<input type="checkbox"/>			27.78		P	13.9
6	<input type="checkbox"/>			21.11		P	45.6
7	<input type="checkbox"/>			54.44		P	17.7
8	<input type="checkbox"/>			54.44		P	25.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	108.89	0.0000	P	16.8
2	<input type="checkbox"/>	1.000	0.863	4158.45	0.0010	P	2.3
3	<input type="checkbox"/>	50.000	44.229	204520.20	0.0493	P	2.0
4	<input type="checkbox"/>	125.000	111.034	512732.97	0.1237	P	1.2
5	<input type="checkbox"/>	250.000	220.114	1006284.05	0.2452	P	1.2
6	<input type="checkbox"/>	500.000	490.909	2199843.51	0.5468	A	1.8
7	<input type="checkbox"/>	1000.000	1014.051	4455545.87	1.1296	A	1.5
8	<input type="checkbox"/>			918.93	0.0003	P	31.7

$$y = 0.0011 * x + 2.5474E-005$$

$$R = 0.9994$$

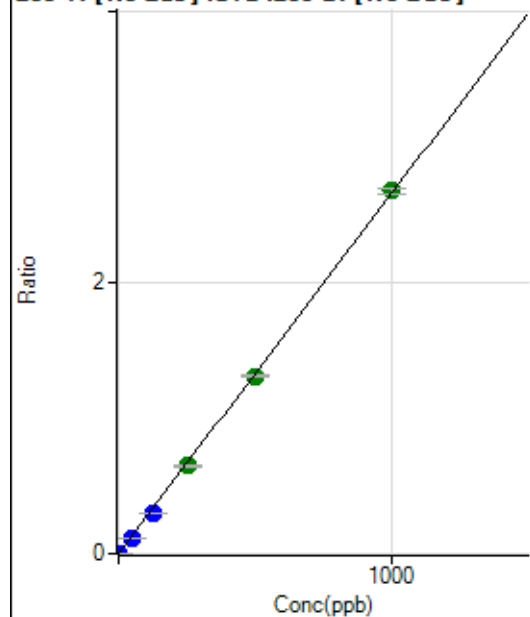
$$DL = 0.01149$$

$$BEC = 0.02287$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	251.12	0.0001	P	1.8
2	<input type="checkbox"/>	1.000	0.846	9726.89	0.0023	P	2.1
3	<input type="checkbox"/>	50.000	44.522	491146.70	0.1184	P	2.0
4	<input type="checkbox"/>	125.000	110.963	1222465.60	0.2949	P	0.5
5	<input type="checkbox"/>	250.000	243.493	2655538.19	0.6471	A	1.7
6	<input type="checkbox"/>	500.000	493.364	5274750.65	1.3111	A	0.8
7	<input type="checkbox"/>	1000.000	1006.973	10555242.97	2.6759	A	1.4
8	<input type="checkbox"/>			2120.20	0.0007	P	26.3

$$y = 0.0027 * x + 5.8757E-005$$

$$R = 0.9999$$

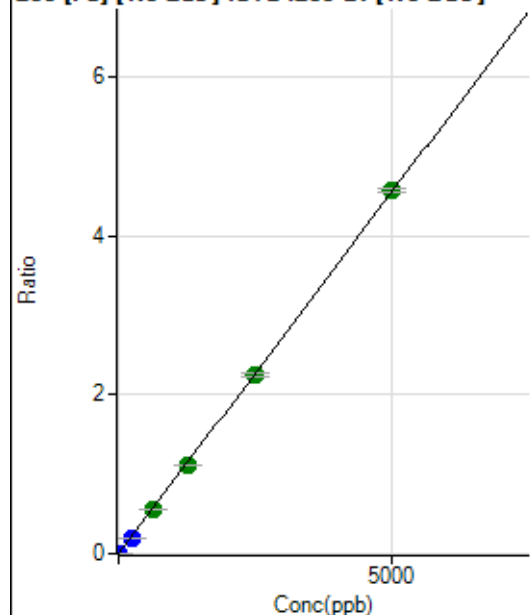
$$DL = 0.00119$$

$$BEC = 0.02211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	186.67	0.0000	P	3.3
2	<input type="checkbox"/>	1.000	0.863	3489.37	0.0008	P	6.3
3	<input type="checkbox"/>	250.000	221.440	835754.87	0.2014	P	2.4
4	<input type="checkbox"/>	625.000	621.604	2343365.14	0.5653	A	0.3
5	<input type="checkbox"/>	1250.000	1224.423	4570102.36	1.1136	A	0.8
6	<input type="checkbox"/>	2500.000	2467.520	9027160.35	2.2441	A	2.2
7	<input type="checkbox"/>	5000.000	5024.487	18024950.70	4.5695	A	1.0
8	<input type="checkbox"/>			4497.49	0.0014	P	22.9

$$y = 9.0943\text{E-}004 * x + 4.3678\text{E-}005$$

$$R = 0.9999$$

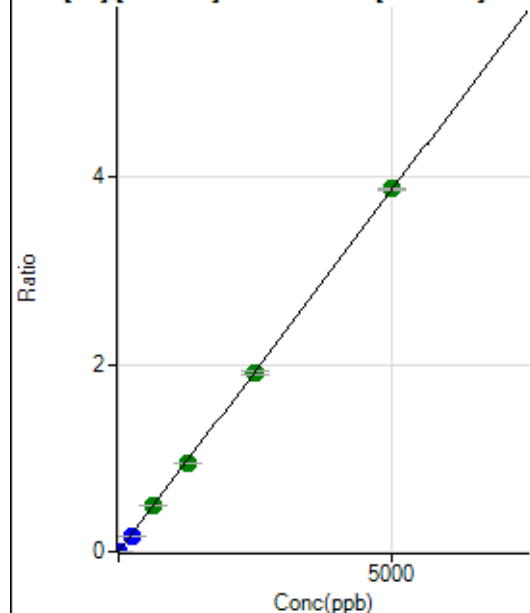
$$DL = 0.004825$$

$$BEC = 0.04803$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	164.45	0.0000	P	2.6
2	<input type="checkbox"/>	1.000	0.819	2829.22	0.0007	P	0.8
3	<input type="checkbox"/>	250.000	218.494	700278.58	0.1688	P	1.8
4	<input type="checkbox"/>	625.000	627.446	2008589.29	0.4846	A	0.3
5	<input type="checkbox"/>	1250.000	1227.229	3889475.12	0.9478	A	1.0
6	<input type="checkbox"/>	2500.000	2472.103	7679963.85	1.9091	A	1.8
7	<input type="checkbox"/>	5000.000	5020.911	15295165.74	3.8774	A	0.7
8	<input type="checkbox"/>			3740.57	0.0012	P	20.6

$$y = 7.7225\text{E-}004 * x + 3.8478\text{E-}005$$

$$R = 1.0000$$

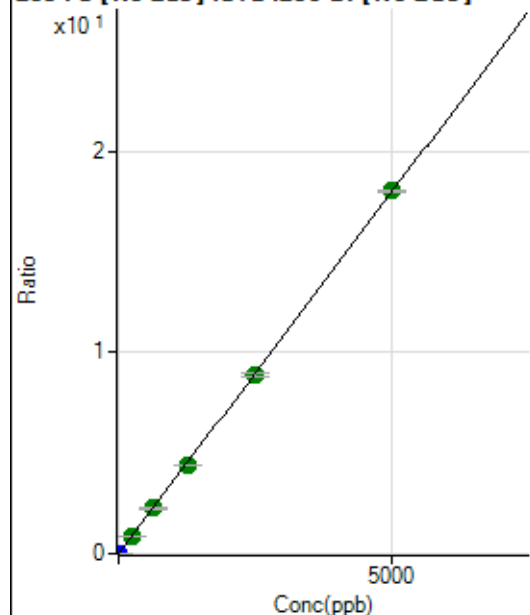
$$DL = 0.003886$$

$$BEC = 0.04983$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	816.68	0.0002	P	6.3
2	<input type="checkbox"/>	1.000	0.836	13459.43	0.0032	P	4.7
3	<input type="checkbox"/>	250.000	235.870	3518429.26	0.8479	A	1.6
4	<input type="checkbox"/>	625.000	625.307	9316517.69	2.2476	A	0.4
5	<input type="checkbox"/>	1250.000	1226.651	18094315.25	4.4090	A	0.3
6	<input type="checkbox"/>	2500.000	2472.108	35744543.77	8.8853	A	1.4
7	<input type="checkbox"/>	5000.000	5020.451	71178824.77	18.0444	A	0.8
8	<input type="checkbox"/>			17557.10	0.0055	P	22.2

$$y = 0.0036 * x + 1.9110E-004$$

$$R = 1.0000$$

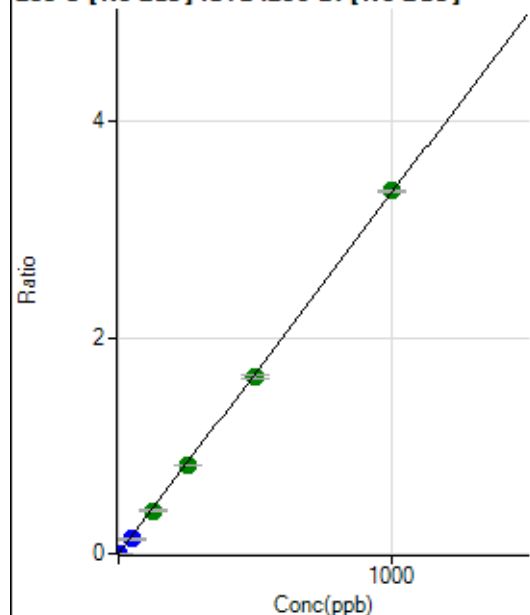
$$DL = 0.01001$$

$$BEC = 0.05317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	-0.42	0.0000	P	-1115.
2	<input type="checkbox"/>	1.000	0.820	11523.77	0.0027	P	2.2
3	<input type="checkbox"/>	50.000	40.059	554328.44	0.1336	P	2.4
4	<input type="checkbox"/>	125.000	119.770	1655745.00	0.3994	A	0.5
5	<input type="checkbox"/>	250.000	244.335	3344145.39	0.8149	A	1.0
6	<input type="checkbox"/>	500.000	491.991	6600930.29	1.6408	A	1.7
7	<input type="checkbox"/>	1000.000	1006.572	13242236.94	3.3570	A	0.8
8	<input type="checkbox"/>			1724.92	0.0005	P	43.1

$$y = 0.0033 * x - 1.0061E-007$$

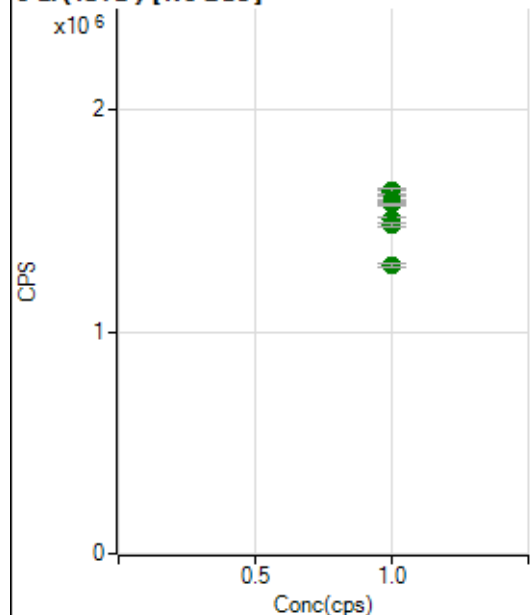
$$R = 0.9999$$

$$DL = 0.00101$$

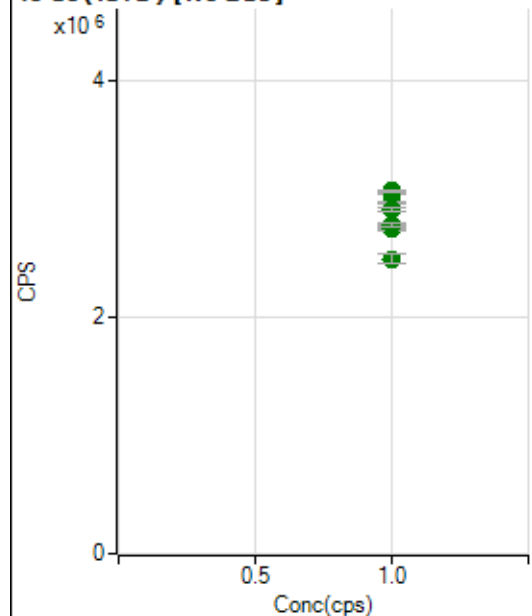
$$BEC = -3.017E-05$$

Weight: <None>

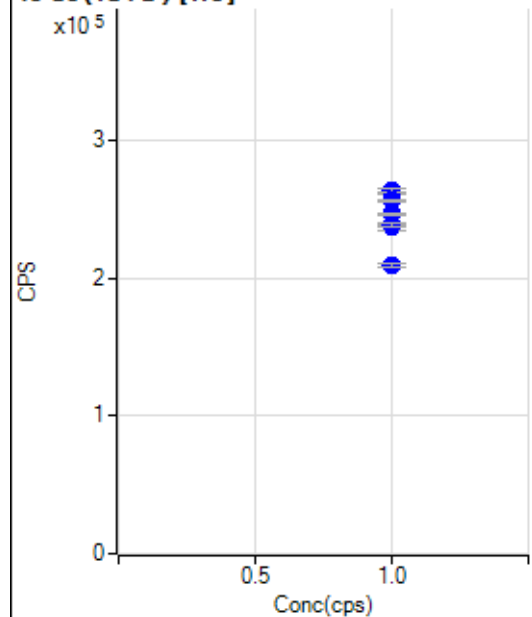
Min Conc: 0

6 Li (ISTD) [No Gas]

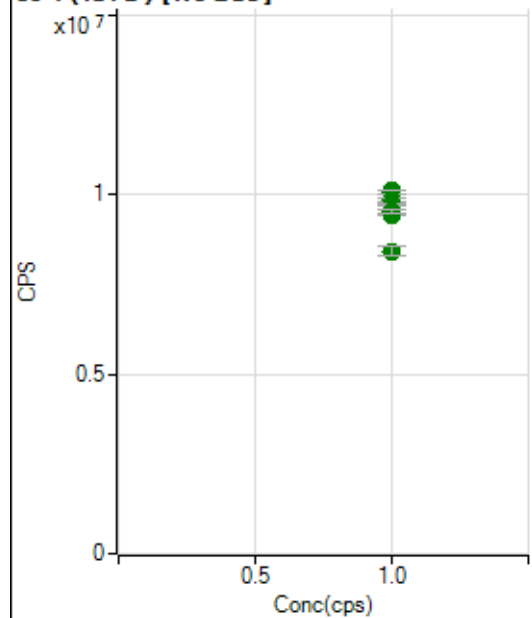
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		1625170.90		A	1.6
2	<input type="checkbox"/>	1.000		1635159.96		A	1.5
3	<input type="checkbox"/>	1.000		1591400.39		A	0.9
4	<input type="checkbox"/>	1.000		1574000.88		A	0.2
5	<input type="checkbox"/>	1.000		1482967.58		A	0.9
6	<input type="checkbox"/>	1.000		1505874.11		A	1.8
7	<input type="checkbox"/>	1.000		1484760.37		A	1.0
8	<input type="checkbox"/>	1.000		1298404.63		A	1.7

45 Sc (ISTD) [No Gas]

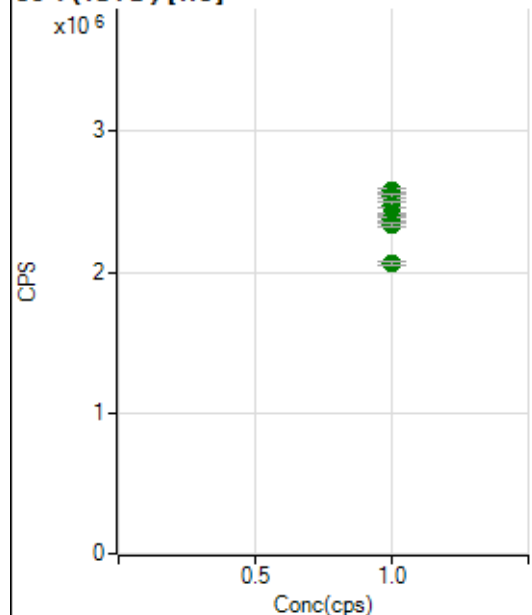
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		3048937.14		A	1.1
2	<input type="checkbox"/>	1.000		3063007.28		A	0.4
3	<input type="checkbox"/>	1.000		2966777.77		A	0.6
4	<input type="checkbox"/>	1.000		2911109.43		A	1.2
5	<input type="checkbox"/>	1.000		2760440.31		A	0.8
6	<input type="checkbox"/>	1.000		2745744.23		A	0.8
7	<input type="checkbox"/>	1.000		2777144.96		A	0.7
8	<input type="checkbox"/>	1.000		2485602.43		A	3.3

45 Sc (ISTD) [He]

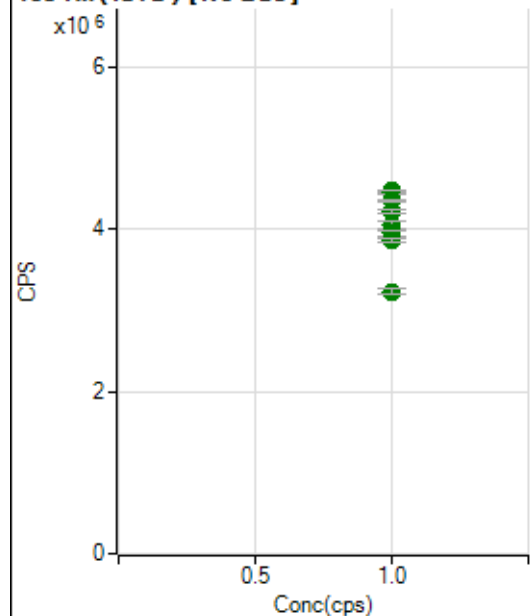
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		261735.71		P	0.3
2	<input type="checkbox"/>	1.000		263055.27		P	1.0
3	<input type="checkbox"/>	1.000		256307.48		P	0.6
4	<input type="checkbox"/>	1.000		246725.07		P	0.5
5	<input type="checkbox"/>	1.000		236746.34		P	1.9
6	<input type="checkbox"/>	1.000		238912.33		P	0.4
7	<input type="checkbox"/>	1.000		238757.59		P	0.9
8	<input type="checkbox"/>	1.000		208946.45		P	1.1

89 Y (ISTD) [No Gas]

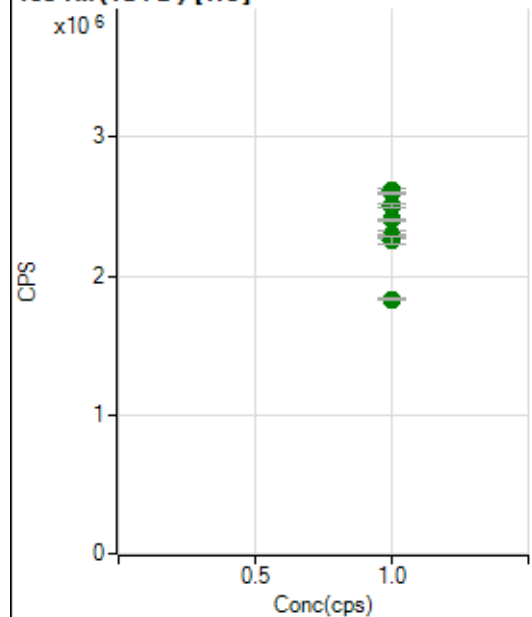
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		10110489.50		A	0.2
2	<input type="checkbox"/>	1.000		10075570.41		A	1.2
3	<input type="checkbox"/>	1.000		9839403.32		A	1.1
4	<input type="checkbox"/>	1.000		9743944.37		A	0.6
5	<input type="checkbox"/>	1.000		9544342.70		A	0.9
6	<input type="checkbox"/>	1.000		9455752.08		A	0.9
7	<input type="checkbox"/>	1.000		9528660.20		A	1.2
8	<input type="checkbox"/>	1.000		8427699.11		A	2.9

89 Y(ISTD) [He]

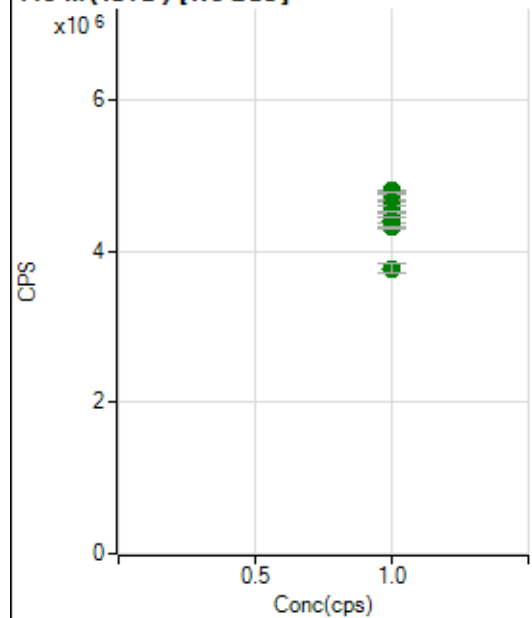
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		2578199.29		A	1.1
2	<input type="checkbox"/>	1.000		2542432.72		A	1.1
3	<input type="checkbox"/>	1.000		2477344.28		A	1.5
4	<input type="checkbox"/>	1.000		2412940.50		A	1.0
5	<input type="checkbox"/>	1.000		2336962.98		A	0.7
6	<input type="checkbox"/>	1.000		2381015.76		A	1.0
7	<input type="checkbox"/>	1.000		2337973.04		A	1.4
8	<input type="checkbox"/>	1.000		2061050.98		A	1.4

103 Rh(ISTD) [No Gas]

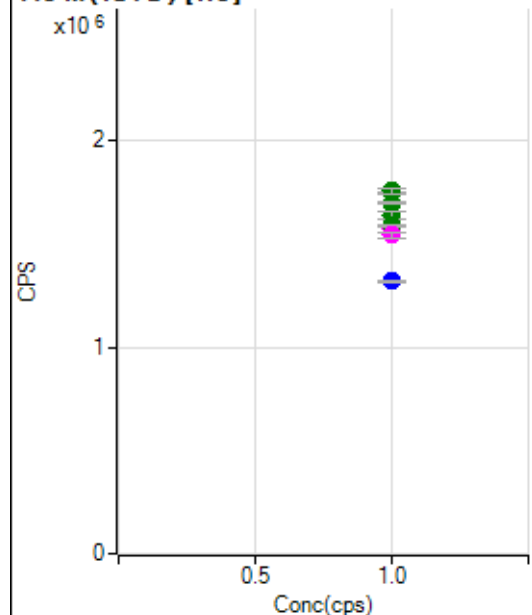
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		4476285.03		A	0.3
2	<input type="checkbox"/>	1.000		4464927.54		A	0.8
3	<input type="checkbox"/>	1.000		4354125.07		A	0.3
4	<input type="checkbox"/>	1.000		4225087.40		A	1.4
5	<input type="checkbox"/>	1.000		4060913.00		A	2.0
6	<input type="checkbox"/>	1.000		3955350.57		A	2.0
7	<input type="checkbox"/>	1.000		3868298.17		A	1.2
8	<input type="checkbox"/>	1.000		3233958.67		A	2.3

103 Rh (ISTD) [He]

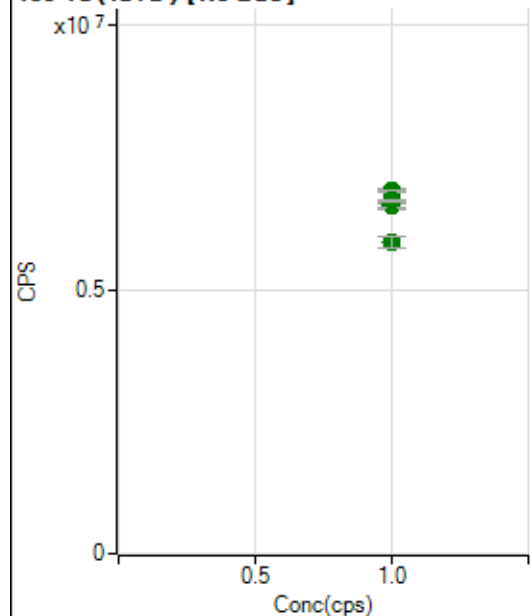
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		2611707.72		A	1.3
2	<input type="checkbox"/>	1.000		2598279.94		A	0.3
3	<input type="checkbox"/>	1.000		2506648.26		A	1.3
4	<input type="checkbox"/>	1.000		2406302.57		A	0.6
5	<input type="checkbox"/>	1.000		2303038.56		A	1.9
6	<input type="checkbox"/>	1.000		2289985.78		A	1.1
7	<input type="checkbox"/>	1.000		2252826.18		A	2.2
8	<input type="checkbox"/>	1.000		1829547.91		A	0.8

115 In (ISTD) [No Gas]

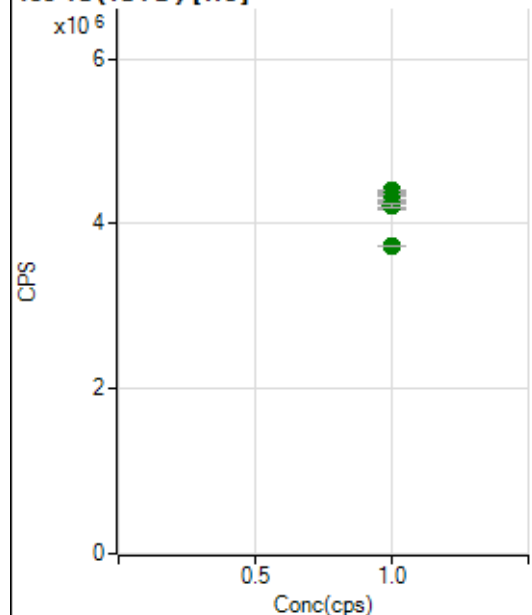
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		4792807.42		A	0.8
2	<input type="checkbox"/>	1.000		4771027.45		A	0.5
3	<input type="checkbox"/>	1.000		4659344.34		A	0.6
4	<input type="checkbox"/>	1.000		4598184.09		A	0.5
5	<input type="checkbox"/>	1.000		4506670.49		A	0.5
6	<input type="checkbox"/>	1.000		4402755.07		A	2.0
7	<input type="checkbox"/>	1.000		4313742.74		A	0.5
8	<input type="checkbox"/>	1.000		3769119.99		A	2.9

115 In (ISTD) [He]

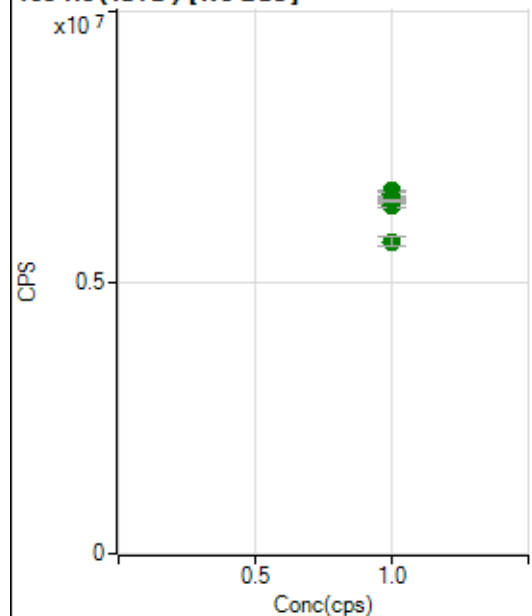
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		1750884.70		A	0.5
2	<input type="checkbox"/>	1.000		1758385.38		A	1.2
3	<input type="checkbox"/>	1.000		1700085.66		A	0.8
4	<input type="checkbox"/>	1.000		1642031.12		A	2.2
5	<input type="checkbox"/>	1.000		1571020.93		M	2.1
6	<input type="checkbox"/>	1.000		1589837.94		A	0.4
7	<input type="checkbox"/>	1.000		1544289.78		M	1.9
8	<input type="checkbox"/>	1.000		1319771.86		P	0.9

159 Tb (ISTD) [No Gas]

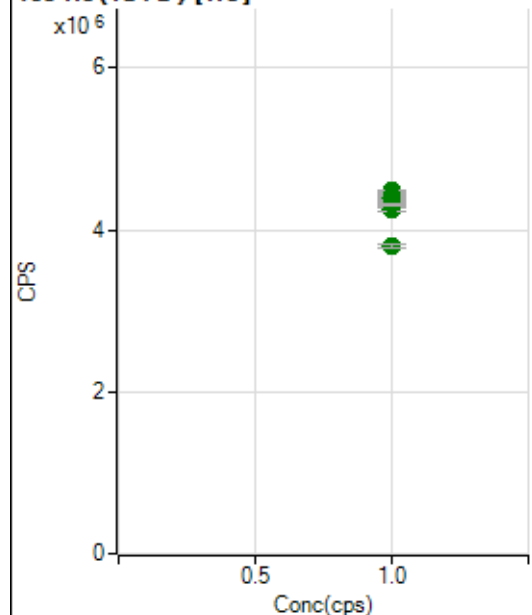
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		6868852.05		A	1.0
2	<input type="checkbox"/>	1.000		6868714.13		A	0.3
3	<input type="checkbox"/>	1.000		6681876.64		A	0.8
4	<input type="checkbox"/>	1.000		6679548.44		A	0.1
5	<input type="checkbox"/>	1.000		6577257.47		A	1.5
6	<input type="checkbox"/>	1.000		6613553.51		A	1.6
7	<input type="checkbox"/>	1.000		6684255.18		A	0.3
8	<input type="checkbox"/>	1.000		5894676.09		A	3.9

159 Tb (ISTD) [He]

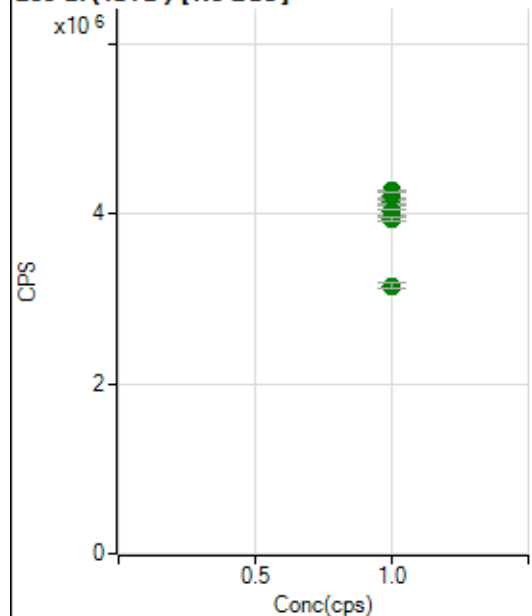
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		4389180.04		A	0.1
2	<input type="checkbox"/>	1.000		4396747.16		A	0.6
3	<input type="checkbox"/>	1.000		4343670.84		A	0.2
4	<input type="checkbox"/>	1.000		4284341.74		A	0.4
5	<input type="checkbox"/>	1.000		4220205.77		A	2.0
6	<input type="checkbox"/>	1.000		4284998.93		A	0.5
7	<input type="checkbox"/>	1.000		4225707.44		A	1.0
8	<input type="checkbox"/>	1.000		3724317.72		A	0.2

165 Ho (ISTD) [No Gas]

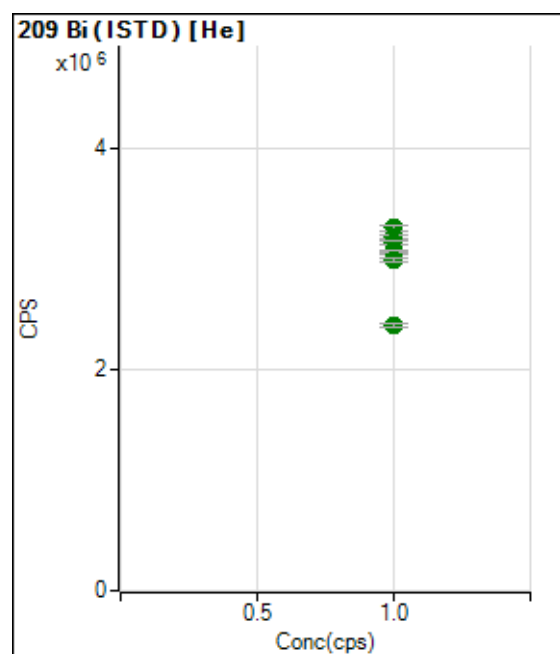
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		6695840.52		A	0.5
2	<input type="checkbox"/>	1.000		6628090.60		A	1.0
3	<input type="checkbox"/>	1.000		6581081.22		A	0.9
4	<input type="checkbox"/>	1.000		6543272.89		A	1.6
5	<input type="checkbox"/>	1.000		6529109.28		A	1.0
6	<input type="checkbox"/>	1.000		6423811.57		A	1.4
7	<input type="checkbox"/>	1.000		6518948.51		A	0.5
8	<input type="checkbox"/>	1.000		5760813.04		A	3.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		4480866.08		A	0.2
2	<input type="checkbox"/>	1.000		4422234.69		A	0.9
3	<input type="checkbox"/>	1.000		4385957.78		A	1.2
4	<input type="checkbox"/>	1.000		4358481.64		A	0.1
5	<input type="checkbox"/>	1.000		4253006.05		A	1.3
6	<input type="checkbox"/>	1.000		4337493.30		A	0.9
7	<input type="checkbox"/>	1.000		4317006.91		A	0.7
8	<input type="checkbox"/>	1.000		3806137.55		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		4273924.52		A	0.3
2	<input type="checkbox"/>	1.000		4215768.90		A	1.6
3	<input type="checkbox"/>	1.000		4149829.48		A	1.0
4	<input type="checkbox"/>	1.000		4145035.81		A	0.8
5	<input type="checkbox"/>	1.000		4104036.12		A	0.7
6	<input type="checkbox"/>	1.000		4023396.57		A	1.5
7	<input type="checkbox"/>	1.000		3944872.96		A	1.1
8	<input type="checkbox"/>	1.000		3154814.68		A	2.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		3288157.21		A	1.4
2	<input type="checkbox"/>	1.000		3287449.57		A	1.5
3	<input type="checkbox"/>	1.000		3212380.68		A	1.0
4	<input type="checkbox"/>	1.000		3159282.35		A	0.9
5	<input type="checkbox"/>	1.000		3067758.18		A	1.5
6	<input type="checkbox"/>	1.000		3078594.26		A	0.7
7	<input type="checkbox"/>	1.000		2991933.12		A	1.1
8	<input type="checkbox"/>	1.000		2403548.59		A	1.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7050923 MS.b
Acq. Date-Time 2023-05-09 14:01:58
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		5752	57515.67			0.699	5.000
24		62340	623397.24			0.350	5.000
25		8476	84758.86			0.406	5.000
26		9603	96033.03			0.454	5.000
59		41547	415474.13			0.480	5.000
113		5085	50852.42			0.503	5.000
115		63409	634085.47			0.461	5.000
206		16431	164309.04			0.458	5.000
207		15258	152582.16			0.483	5.000
208		35296	352961.48			0.382	5.000
220		0	1.20			75.691	

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

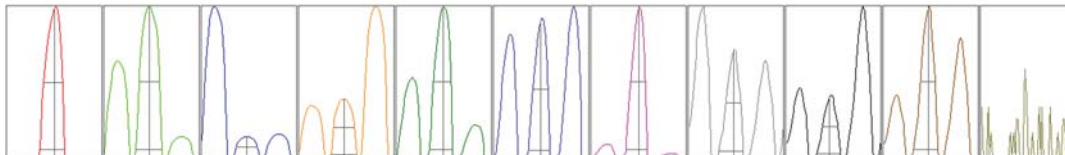
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5798	5768	5754	5750	5688
24	62520	62588	62311	62051	62230
25	8480	8522	8469	8426	8482
26	9645	9642	9614	9550	9565
59	41616	41812	41568	41472	41268
113	5089	5100	5100	5040	5097
115	63380	63919	63288	63244	63212
206	16526	16457	16356	16352	16464
207	15211	15273	15349	15161	15297
208	35162	35312	35445	35154	35407

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	10322.34	9.05	8.90 - 9.10	
24	102177.45	23.95	23.90 - 24.10	
25	13578.24	24.95	24.90 - 25.10	
26	15336.39	25.95	25.90 - 26.10	
59	78875.16	59.00	58.90 - 59.10	
113	11025.54	113.00	112.90 - 113.10	
115	141824.16	115.05	114.90 - 115.10	
206	35389.53	205.95	205.90 - 206.10	
207	31017.61	206.90	206.90 - 207.10	
208	77229.58	207.95	207.90 - 208.10	
220	0.00	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.779	0.900	
24	0.64	0.826	0.900	
25	0.65	0.818	0.900	
26	0.66	0.808	0.900	
59	0.55	0.737	0.900	
113	0.47	0.684	0.900	
115	0.46	0.683	0.900	
206	0.47	0.771	0.900	
207	0.49	0.757	0.900	
208	0.46	0.774	0.900	
220	0.05	0.050		

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	8.2 V	Deflect	16.6 V
Extract 2	-95.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	170 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9999	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-1.1 mm	Torch V	1.0 mm
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EM

Discriminator	3.2 mV	Analog HV	2278 V	Pulse HV	1562 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14143	141434.34			0.448	
89		21371	213705.98			0.428	
205		16238	162377.53			1.173	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	14218	14158	14059	14101	14180
89	21519	21364	21279	21376	21316
205	16453	16114	16012	16413	16197

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	3.0 V
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US EPA Tune Check Report

Extract 2	-80.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-50 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	180 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9999	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-1.1 mm	Torch V	1.0 mm
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EM

Discriminator	3.2 mV	Analog HV	2278 V	Pulse HV	1562 V
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