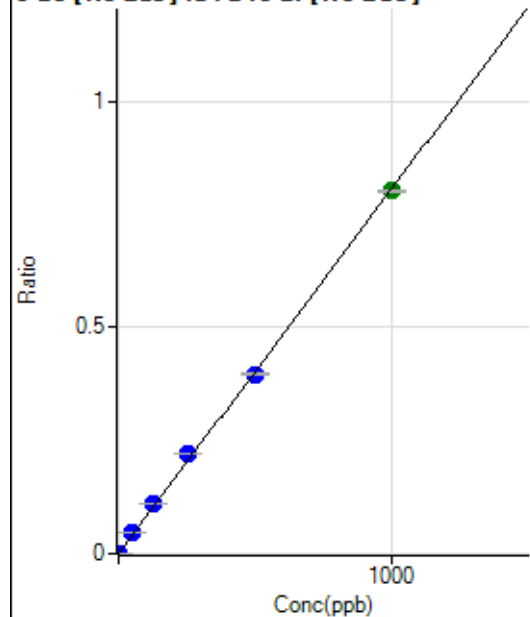


Calibration for 010CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121923-MS.b\
 Analysis File: P7121923-MS.batch.bin
 DA Date-Time: 2023-12-20 16:23:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-19 11:30:36
2	005CAL.S.d	S02	2023-12-19 11:33:52
3	006CAL.S.d	S03	2023-12-19 11:37:09
4	007CAL.S.d	S04	2023-12-19 11:40:13
5	008CAL.S.d	S05	2023-12-19 11:43:08
6	009CAL.S.d	S06	2023-12-19 11:45:55
7	010CAL.S.d	S07	2023-12-19 11:48:43
8	011CAL.S.d	S08	2023-12-19 11:51:28

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	162.22	0.0001	P	19.
2	<input type="checkbox"/>	1.000	0.976	2000.15	0.0009	P	9.4
3	<input type="checkbox"/>	50.000	57.179	106729.58	0.0461	P	1.0
4	<input type="checkbox"/>	125.000	139.316	256888.41	0.1123	P	0.6
5	<input type="checkbox"/>	250.000	275.450	484436.44	0.2219	P	0.7
6	<input type="checkbox"/>	500.000	492.272	873313.03	0.3966	P	0.9
7	<input type="checkbox"/>	1000.000	995.353	1697302.56	0.8018	A	0.8
8	<input type="checkbox"/>			978.93	0.0005	P	7.1

$$y = 8.0545E-004 * x + 6.9904E-005$$

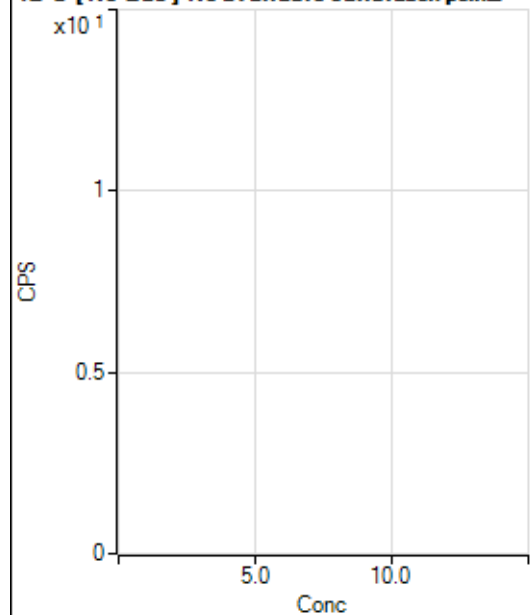
$$R = 0.9996$$

$$DL = 0.0503$$

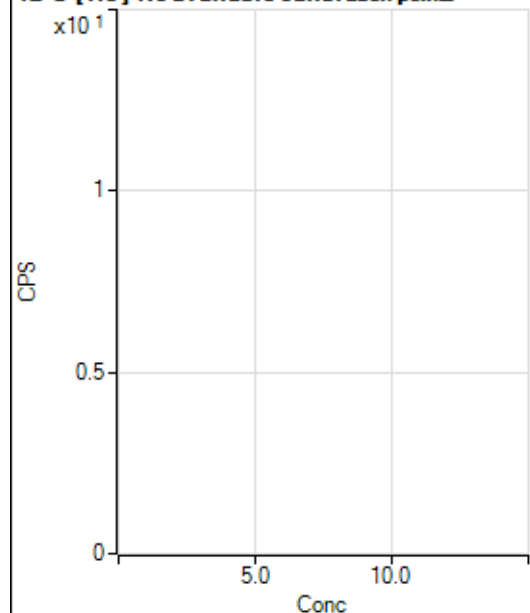
$$BEC = 0.08679$$

Weight: <None>

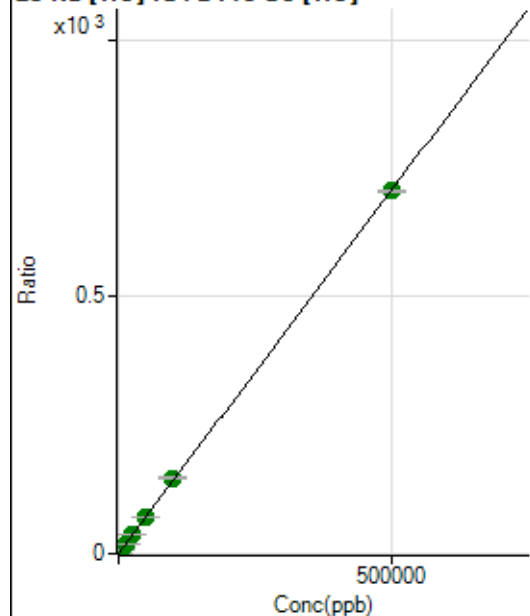
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{jc} t	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

	Rjct	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]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	23887.46	0.0584	P	1.0
2	<input type="checkbox"/>	500.000	484.910	307476.47	0.7436	P	1.0
3	<input type="checkbox"/>	5000.000	5373.205	2953855.37	7.6507	A	0.3
4	<input type="checkbox"/>	12500.000	13435.948	6991209.90	19.0434	A	1.5
5	<input type="checkbox"/>	25000.000	26801.457	13683233.96	37.9289	A	0.7
6	<input type="checkbox"/>	50000.000	49059.395	25028192.40	69.3795	A	0.2
7	<input type="checkbox"/>	100000.00	104139.70	52611370.33	147.2082	A	0.8
8	<input type="checkbox"/>	500000.00	499148.93	245952518.5	705.3578	A	0.2

$$y = 0.0014 * x + 0.0584$$

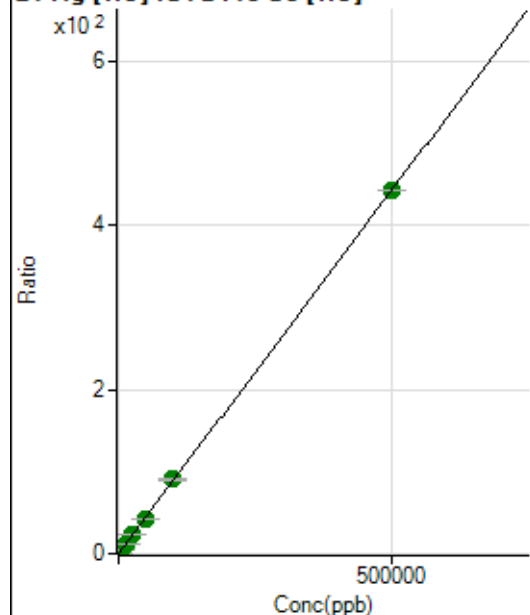
$$R = 1.0000$$

$$DL = 1.236$$

$$BEC = 41.32$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	592.24	0.0014	P	3.0
2	<input type="checkbox"/>	500.000	485.133	178248.04	0.4310	P	0.6
3	<input type="checkbox"/>	5000.000	5355.108	1831445.25	4.7436	A	0.7
4	<input type="checkbox"/>	12500.000	13375.011	4348766.67	11.8455	A	0.9
5	<input type="checkbox"/>	25000.000	26488.509	8462440.50	23.4579	A	1.3
6	<input type="checkbox"/>	50000.000	48384.309	15456828.10	42.8474	A	0.3
7	<input type="checkbox"/>	100000.00	102387.39	32403909.52	90.6689	A	1.2
8	<input type="checkbox"/>	500000.00	499584.25	154261043.2	442.3998	A	0.1

$$y = 8.8553\text{E-}004 * x + 0.0014$$

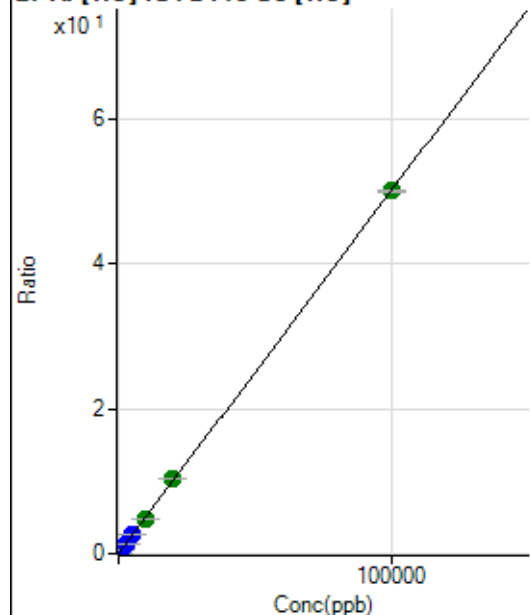
$$R = 1.0000$$

$$DL = 0.146$$

$$BEC = 1.635$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	190.00	0.0005	P	15.
2	<input type="checkbox"/>	20.000	20.376	4417.35	0.0107	P	2.9
3	<input type="checkbox"/>	1000.000	1293.319	250594.41	0.6490	P	0.6
4	<input type="checkbox"/>	2500.000	2768.841	509941.40	1.3890	P	0.8
5	<input type="checkbox"/>	5000.000	5551.079	1004485.82	2.7843	P	0.2
6	<input type="checkbox"/>	10000.000	9763.347	1766436.14	4.8967	A	0.3
7	<input type="checkbox"/>	20000.000	20524.421	3678725.57	10.2932	A	0.8
8	<input type="checkbox"/>	100000.00	99881.573	17466219.46	50.0898	A	0.7

$$y = 5.0149\text{E-}004 * x + 4.6429\text{E-}004$$

$$R = 1.0000$$

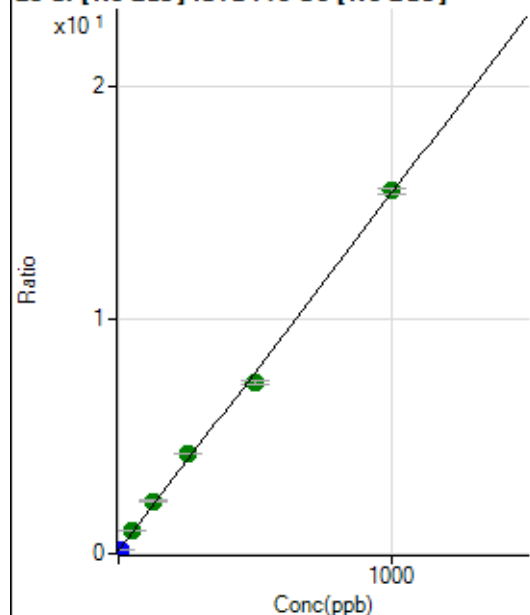
$$DL = 0.4198$$

$$BEC = 0.9258$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	622090.40	0.1294	P	1.0
2	<input type="checkbox"/>	10.000	0.221	649066.05	0.1328	P	2.0
3	<input type="checkbox"/>	50.000	57.146	4738601.60	1.0030	A	1.5
4	<input type="checkbox"/>	125.000	139.400	9963927.77	2.2606	A	0.5
5	<input type="checkbox"/>	250.000	272.549	18085670.98	4.2961	A	0.5
6	<input type="checkbox"/>	500.000	470.771	30786436.76	7.3266	A	1.2
7	<input type="checkbox"/>	1000.000	1006.918	64375606.82	15.5232	A	1.4
8	<input type="checkbox"/>			681223.59	0.1691	P	1.4

$$y = 0.0153 * x + 0.1294$$

$$R = 0.9989$$

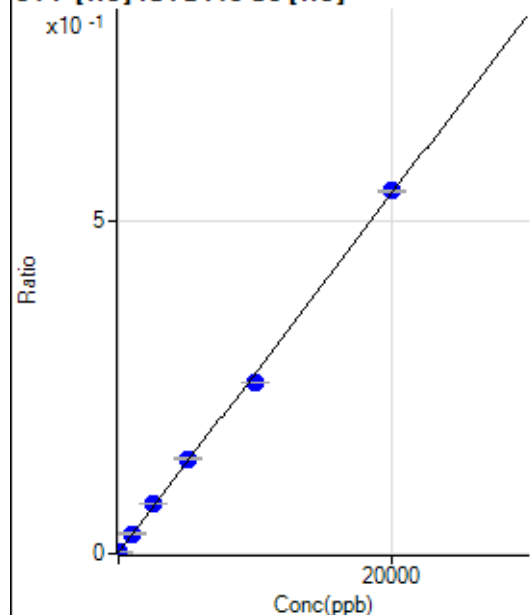
$$DL = 0.248$$

$$BEC = 8.464$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-14.946	512.24	0.0013	P	13.
2	<input type="checkbox"/>	0.000	14.946	851.15	0.0021	P	8.3
3	<input type="checkbox"/>	1000.000	1061.114	11701.23	0.0303	P	1.0
4	<input type="checkbox"/>	2500.000	2683.343	27206.45	0.0741	P	0.8
5	<input type="checkbox"/>	5000.000	5237.310	51615.48	0.1431	P	0.9
6	<input type="checkbox"/>	10000.000	9508.411	93211.35	0.2584	P	0.2
7	<input type="checkbox"/>	20000.000	20160.493	195139.01	0.5460	P	0.7
8	<input type="checkbox"/>			570.02	0.0016	P	6.1

$$y = 2.7001E-005 * x + 0.0017$$

$$R = 0.9994$$

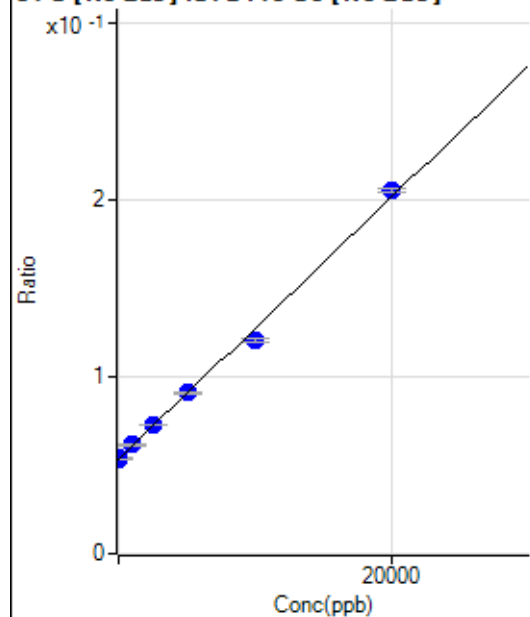
$$DL = 19.02$$

$$BEC = 61.3$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	49.227	258916.32	0.0539	P	0.4
2	<input type="checkbox"/>	0.000	-49.227	259729.22	0.0531	P	0.8
3	<input type="checkbox"/>	1000.000	1064.459	289867.31	0.0614	P	1.6
4	<input type="checkbox"/>	2500.000	2632.566	321515.50	0.0729	P	0.8
5	<input type="checkbox"/>	5000.000	5055.020	382445.65	0.0908	P	1.1
6	<input type="checkbox"/>	10000.000	9011.305	504588.80	0.1201	P	1.8
7	<input type="checkbox"/>	20000.000	20460.799	848984.97	0.2047	P	1.2
8	<input type="checkbox"/>			189360.35	0.0470	P	4.6

$$y = 7.3907E-006 * x + 0.0535$$

R = 0.9981

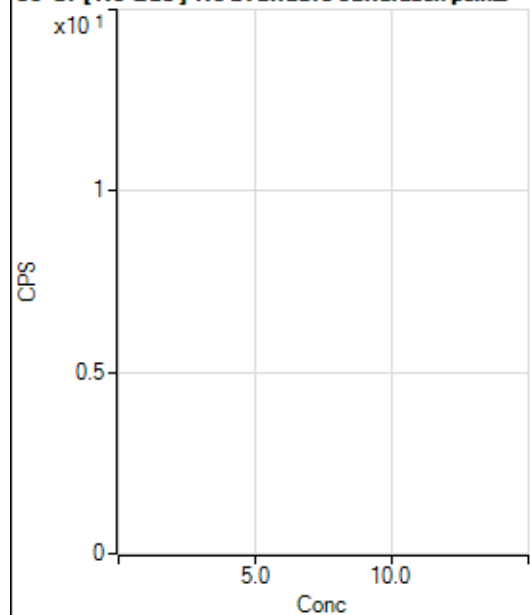
DL = 130.9

BEC = 7237

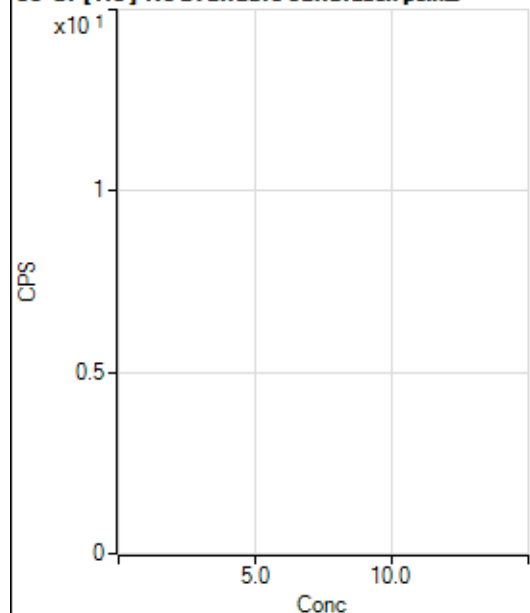
Weight: <None>

Min Conc: 0

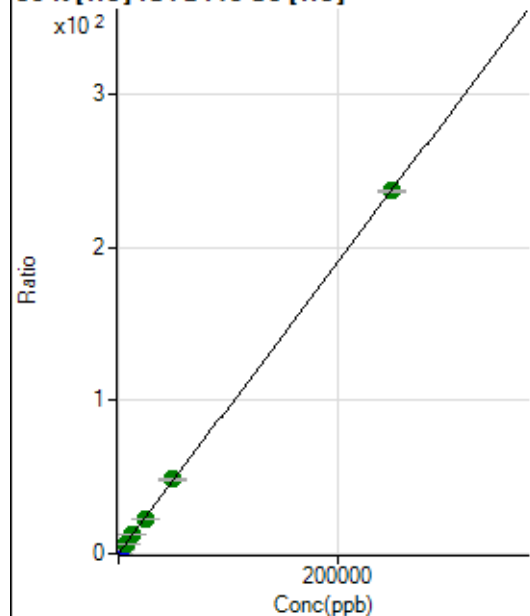
35 Cl [No Gas] No available calibration points



	R _{jc} t	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

	Rjc t	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]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	62698.52	0.1532	P	0.7
2	<input type="checkbox"/>	500.000	487.971	254465.04	0.6154	P	0.1
3	<input type="checkbox"/>	2500.000	2879.657	1112033.89	2.8803	P	0.6
4	<input type="checkbox"/>	6250.000	6558.279	2336416.15	6.3640	A	0.0
5	<input type="checkbox"/>	12500.000	13116.111	4536503.61	12.5743	A	0.4
6	<input type="checkbox"/>	25000.000	24265.877	8345118.42	23.1332	A	0.3
7	<input type="checkbox"/>	50000.000	51073.879	17340841.82	48.5206	A	0.9
8	<input type="checkbox"/>	250000.00	249816.35	82546710.99	236.7312	A	0.3

$$y = 9.4701E-004 * x + 0.1532$$

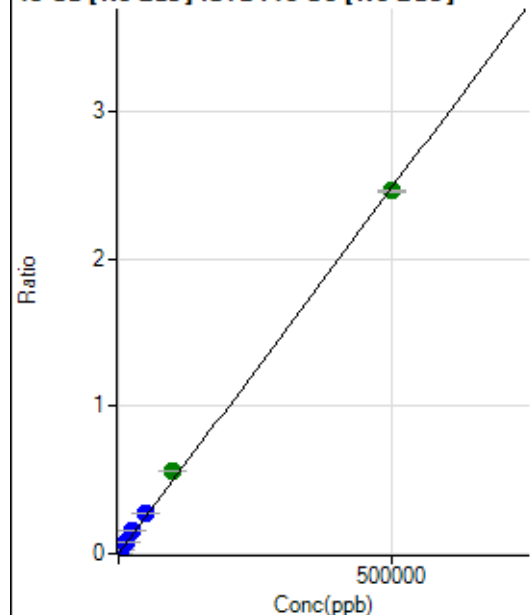
$$R = 1.0000$$

$$DL = 3.33$$

$$BEC = 161.8$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	587.80	0.0001	P	4.0
2	<input type="checkbox"/>	500.000	469.197	11975.91	0.0024	P	3.1
3	<input type="checkbox"/>	5000.000	6220.722	146335.44	0.0310	P	1.6
4	<input type="checkbox"/>	12500.000	15373.165	336606.10	0.0764	P	1.4
5	<input type="checkbox"/>	25000.000	30682.183	641166.45	0.1523	P	0.4
6	<input type="checkbox"/>	50000.000	56193.627	1171819.95	0.2788	P	0.6
7	<input type="checkbox"/>	100000.00	113310.30	2331296.15	0.5621	A	1.4
8	<input type="checkbox"/>	500000.00	496350.46	9921396.17	2.4620	A	0.2

$$y = 4.9600\text{E-}006 * x + 1.2225\text{E-}004$$

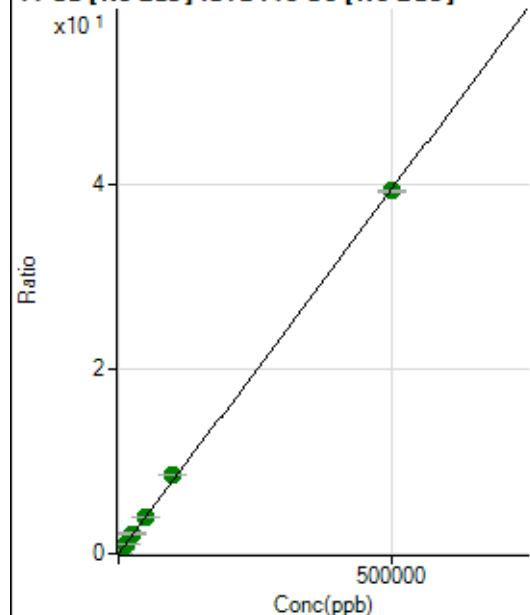
$$R = 0.9996$$

$$DL = 2.933$$

$$BEC = 24.65$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	7022.82	0.0015	P	2.3
2	<input type="checkbox"/>	500.000	485.397	193939.51	0.0397	P	1.3
3	<input type="checkbox"/>	5000.000	5637.000	2103173.06	0.4452	A	1.3
4	<input type="checkbox"/>	12500.000	13885.320	4824170.52	1.0945	A	0.8
5	<input type="checkbox"/>	25000.000	27658.497	9171778.68	2.1787	A	0.8
6	<input type="checkbox"/>	50000.000	50627.635	16754516.97	3.9868	A	0.8
7	<input type="checkbox"/>	100000.00	108330.18	35371439.75	8.5290	A	1.2
8	<input type="checkbox"/>	500000.00	498097.28	158011236.5	39.2108	A	0.4

$$y = 7.8718\text{E-}005 * x + 0.0015$$

$$R = 0.9998$$

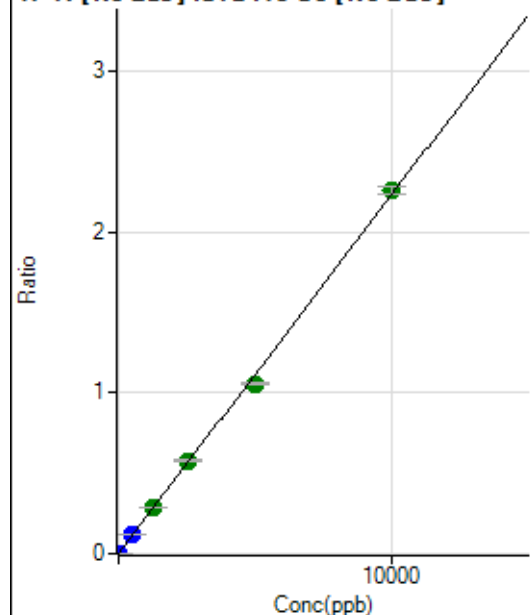
$$DL = 1.273$$

$$BEC = 18.56$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	118.89	0.0000	P	10.
2	<input type="checkbox"/>	5.000	4.720	5260.96	0.0011	P	4.6
3	<input type="checkbox"/>	500.000	531.964	560097.99	0.1186	P	1.0
4	<input type="checkbox"/>	1250.000	1299.637	1276661.73	0.2896	A	1.2
5	<input type="checkbox"/>	2500.000	2579.628	2419856.56	0.5748	A	1.7
6	<input type="checkbox"/>	5000.000	4723.241	4423046.46	1.0525	A	1.2
7	<input type="checkbox"/>	10000.000	10110.670	9342884.30	2.2529	A	2.1
8	<input type="checkbox"/>			4564.06	0.0011	P	2.5

$$y = 2.2282\text{E-}004 * x + 2.4732\text{E-}005$$

$$R = 0.9994$$

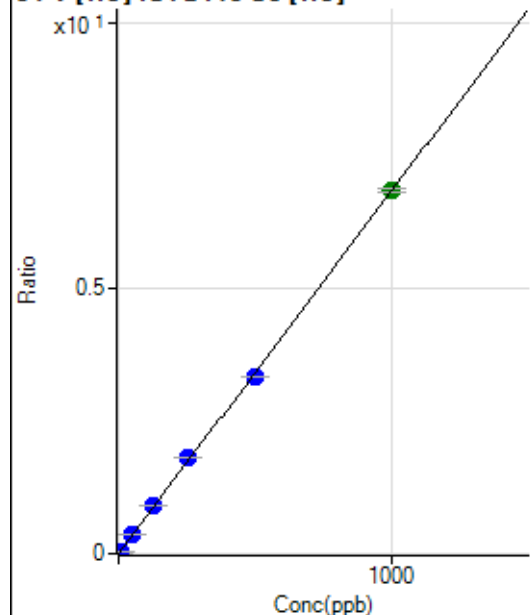
$$DL = 0.036$$

$$BEC = 0.111$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	6.67	0.0000	P	86.
2	<input type="checkbox"/>	5.000	4.673	13199.18	0.0319	P	2.2
3	<input type="checkbox"/>	50.000	53.400	140736.41	0.3645	P	0.4
4	<input type="checkbox"/>	125.000	133.327	334124.39	0.9101	P	0.8
5	<input type="checkbox"/>	250.000	265.873	654725.82	1.8149	P	0.8
6	<input type="checkbox"/>	500.000	488.965	1204046.35	3.3377	P	0.3
7	<input type="checkbox"/>	1000.000	1000.340	2440363.82	6.8283	A	1.2
8	<input type="checkbox"/>			1750.12	0.0050	P	6.7

$$y = 0.0068 * x + 1.6306\text{E-}005$$

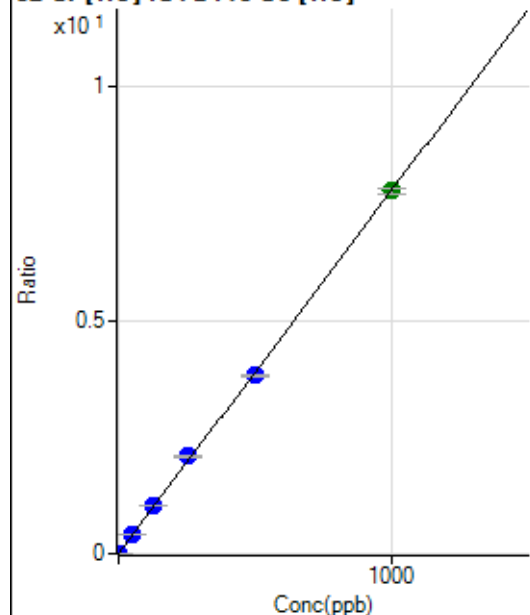
$$R = 0.9998$$

$$DL = 0.006206$$

$$BEC = 0.002389$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	1037.82	0.0025	P	4.8
2	<input type="checkbox"/>	2.000	1.855	7020.58	0.0170	P	1.0
3	<input type="checkbox"/>	50.000	54.450	164595.99	0.4263	P	0.0
4	<input type="checkbox"/>	125.000	134.247	384520.89	1.0474	P	0.6
5	<input type="checkbox"/>	250.000	267.691	752542.13	2.0860	P	0.4
6	<input type="checkbox"/>	500.000	489.811	1376122.71	3.8147	P	0.3
7	<input type="checkbox"/>	1000.000	999.294	2780483.12	7.7800	A	1.4
8	<input type="checkbox"/>			52458.61	0.1504	P	1.4

$$y = 0.0078 * x + 0.0025$$

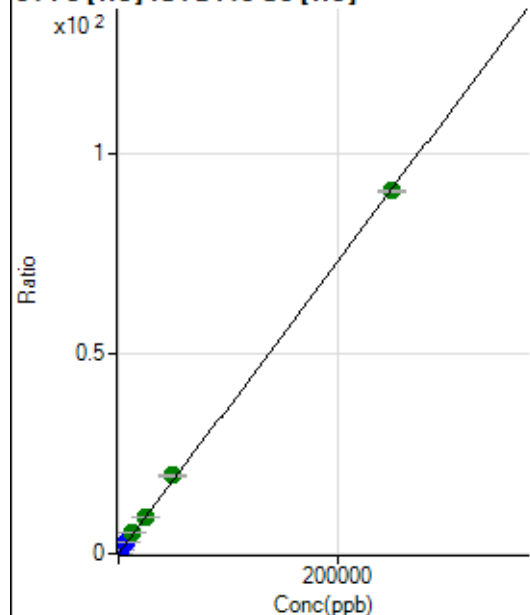
$$R = 0.9997$$

$$DL = 0.04679$$

$$BEC = 0.3259$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	1257.84	0.0031	P	2.1
2	<input type="checkbox"/>	50.000	53.376	9300.73	0.0225	P	0.7
3	<input type="checkbox"/>	2500.000	3053.225	430020.58	1.1138	P	0.4
4	<input type="checkbox"/>	6250.000	7507.878	1003817.63	2.7343	P	1.0
5	<input type="checkbox"/>	12500.000	14006.413	1839287.94	5.0983	A	0.7
6	<input type="checkbox"/>	25000.000	25535.297	3352143.95	9.2923	A	0.5
7	<input type="checkbox"/>	50000.000	53645.872	6975677.53	19.5183	A	1.0
8	<input type="checkbox"/>	250000.00	249104.99	31599263.14	90.6221	A	0.3

$$y = 3.6378E-004 * x + 0.0031$$

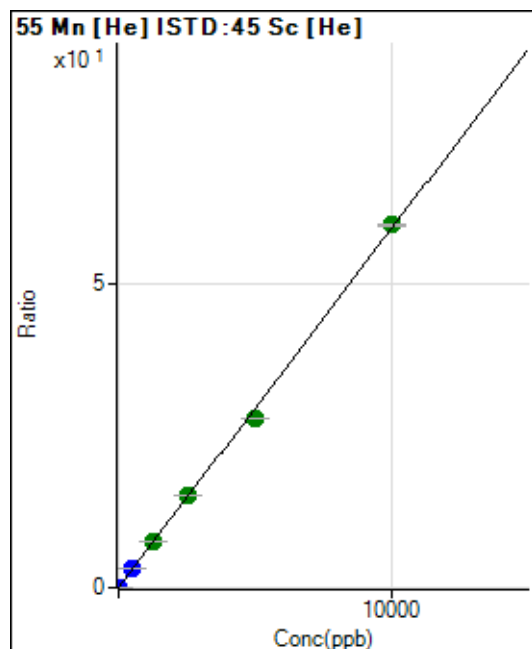
$$R = 0.9999$$

$$DL = 0.5392$$

$$BEC = 8.451$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	88.89	0.0002	P	31.
2	<input type="checkbox"/>	1.000	1.021	2579.14	0.0062	P	3.0
3	<input type="checkbox"/>	500.000	544.397	1238680.80	3.2083	P	0.5
4	<input type="checkbox"/>	1250.000	1305.727	2824944.54	7.6948	A	0.7
5	<input type="checkbox"/>	2500.000	2587.059	5500123.25	15.2456	A	0.3
6	<input type="checkbox"/>	5000.000	4726.908	10048689.71	27.8557	A	0.4
7	<input type="checkbox"/>	10000.000	10105.596	21283464.13	59.5520	A	0.9
8	<input type="checkbox"/>			70206.06	0.2013	P	0.6

$$y = 0.0059 * x + 2.1737E-004$$

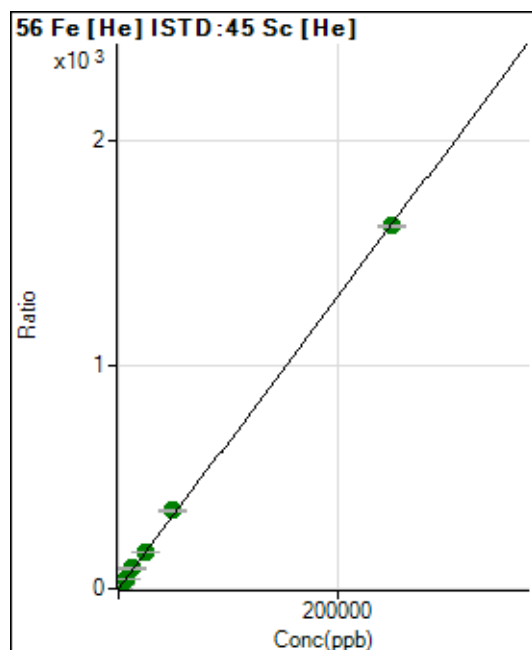
$$R = 0.9994$$

$$DL = 0.03489$$

$$BEC = 0.03689$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	8240.10	0.0201	P	1.3
2	<input type="checkbox"/>	50.000	52.220	148972.71	0.3602	P	0.9
3	<input type="checkbox"/>	2500.000	2787.499	7017247.26	18.1753	A	1.0
4	<input type="checkbox"/>	6250.000	6881.768	16462689.47	44.8416	A	0.6
5	<input type="checkbox"/>	12500.000	13875.138	32609534.24	90.3899	A	0.4
6	<input type="checkbox"/>	25000.000	25273.352	59387814.12	164.6272	A	0.4
7	<input type="checkbox"/>	50000.000	53546.779	124650371.4	348.7740	A	0.7
8	<input type="checkbox"/>	250000.00	249175.88	565889889.3	1.622.920	A	0.6

$$y = 0.0065 * x + 0.0201$$

$$R = 0.9999$$

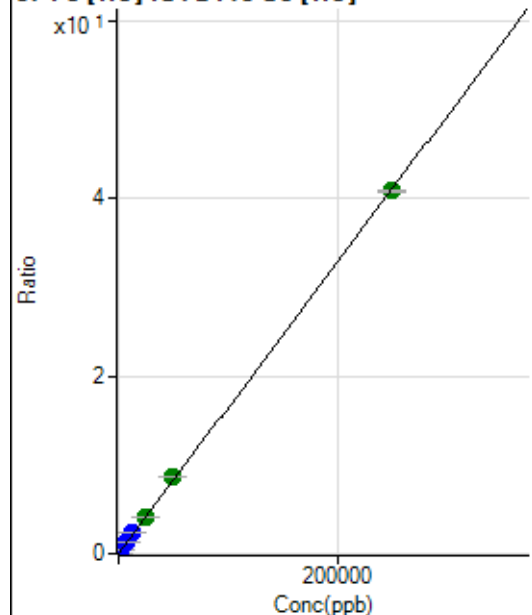
$$DL = 0.124$$

$$BEC = 3.092$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	854.48	0.0021	P	0.9
2	<input type="checkbox"/>	50.000	53.600	4500.71	0.0109	P	2.1
3	<input type="checkbox"/>	2500.000	3018.411	192040.09	0.4974	P	0.3
4	<input type="checkbox"/>	6250.000	7461.570	450299.55	1.2265	P	0.6
5	<input type="checkbox"/>	12500.000	14916.158	883804.34	2.4498	P	0.3
6	<input type="checkbox"/>	25000.000	25236.248	1494672.77	4.1433	A	0.3
7	<input type="checkbox"/>	50000.000	53068.139	3113113.71	8.7104	A	0.5
8	<input type="checkbox"/>	250000.00	249206.46	14260139.51	40.8963	A	0.2

$$y = 1.6410\text{E-}004 * x + 0.0021$$

$$R = 0.9999$$

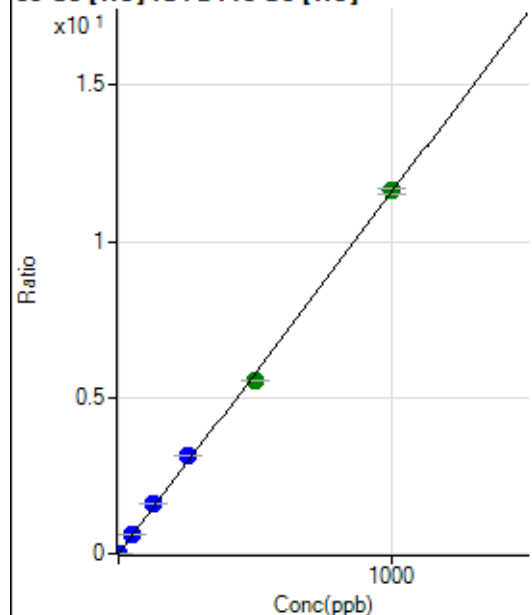
$$DL = 0.3312$$

$$BEC = 12.73$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	54.45	0.0001	P	29.
2	<input type="checkbox"/>	1.000	1.003	4853.06	0.0117	P	3.5
3	<input type="checkbox"/>	50.000	54.892	245211.35	0.6351	P	0.4
4	<input type="checkbox"/>	125.000	136.488	579694.72	1.5790	P	0.5
5	<input type="checkbox"/>	250.000	270.365	1128349.95	3.1277	P	0.7
6	<input type="checkbox"/>	500.000	478.074	1995066.72	5.5304	A	0.1
7	<input type="checkbox"/>	1000.000	1004.191	4151547.06	11.6165	A	1.4
8	<input type="checkbox"/>			14276.89	0.0409	P	1.7

$$y = 0.0116 * x + 1.3309\text{E-}004$$

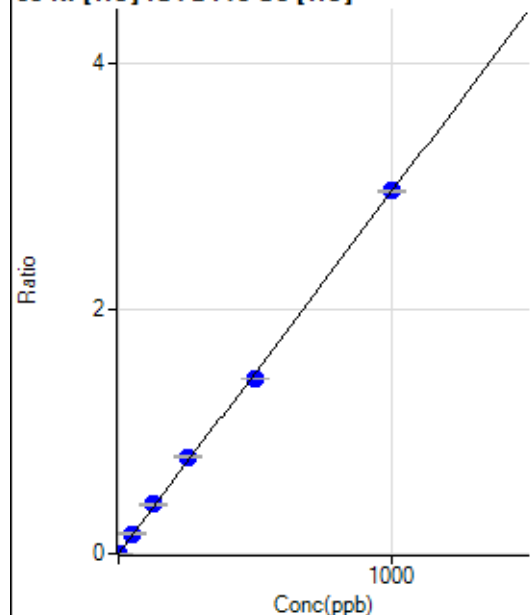
$$R = 0.9994$$

$$DL = 0.01$$

$$BEC = 0.01151$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	195.56	0.0005	P	2.3
2	<input type="checkbox"/>	1.000	0.979	1394.52	0.0034	P	3.3
3	<input type="checkbox"/>	50.000	55.508	63539.41	0.1646	P	0.9
4	<input type="checkbox"/>	125.000	135.404	147134.58	0.4008	P	0.6
5	<input type="checkbox"/>	250.000	267.718	285706.44	0.7919	P	0.4
6	<input type="checkbox"/>	500.000	483.301	515592.09	1.4293	P	0.9
7	<input type="checkbox"/>	1000.000	1002.344	1059223.33	2.9637	P	0.7
8	<input type="checkbox"/>			38243.15	0.1097	P	0.8

$$y = 0.0030 * x + 4.7792E-004$$

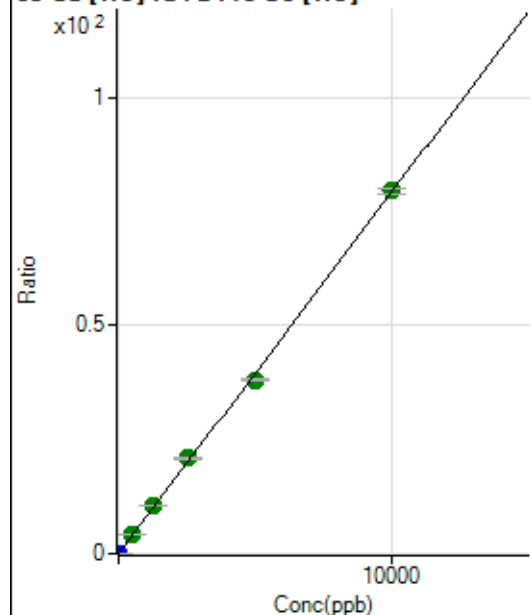
$$R = 0.9996$$

$$DL = 0.01133$$

$$BEC = 0.1617$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	4139.50	0.0101	P	1.5
2	<input type="checkbox"/>	2.000	2.001	10730.60	0.0260	P	2.9
3	<input type="checkbox"/>	500.000	545.180	1669118.69	4.3233	A	1.5
4	<input type="checkbox"/>	1250.000	1343.659	3906542.06	10.6404	A	1.4
5	<input type="checkbox"/>	2500.000	2638.882	7535531.35	20.8875	A	0.9
6	<input type="checkbox"/>	5000.000	4811.473	13735652.57	38.0759	A	0.4
7	<input type="checkbox"/>	10000.000	10045.576	28408210.69	79.4853	A	1.3
8	<input type="checkbox"/>			31902.88	0.0915	P	2.0

$$y = 0.0079 * x + 0.0101$$

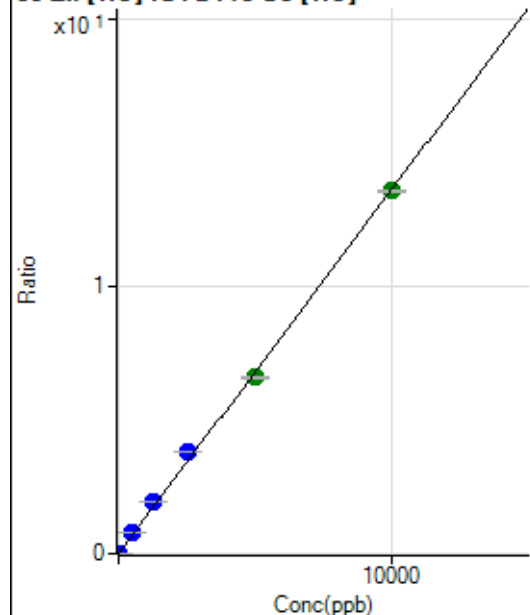
$$R = 0.9996$$

$$DL = 0.05861$$

$$BEC = 1.279$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	622.24	0.0015	P	12.
2	<input type="checkbox"/>	5.000	6.413	4236.19	0.0102	P	3.5
3	<input type="checkbox"/>	500.000	596.013	313544.27	0.8121	P	1.1
4	<input type="checkbox"/>	1250.000	1420.484	709838.69	1.9335	P	0.4
5	<input type="checkbox"/>	2500.000	2817.471	1382967.72	3.8334	P	0.5
6	<input type="checkbox"/>	5000.000	4846.164	2378217.83	6.5926	A	1.0
7	<input type="checkbox"/>	10000.000	9971.438	4847530.87	13.5633	A	0.6
8	<input type="checkbox"/>			893663.74	2.5629	P	0.2

$$y = 0.0014 * x + 0.0015$$

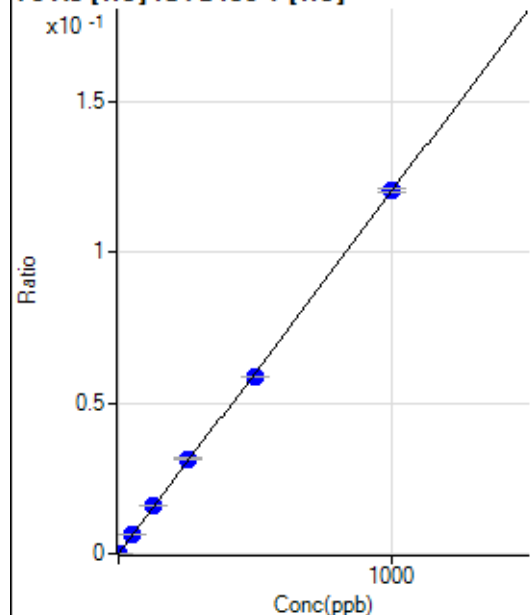
$$R = 0.9992$$

$$DL = 0.4239$$

$$BEC = 1.118$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	2.22	0.0000	P	86.
2	<input type="checkbox"/>	1.000	1.087	405.56	0.0001	P	13.
3	<input type="checkbox"/>	50.000	54.223	19116.84	0.0065	P	2.1
4	<input type="checkbox"/>	125.000	133.555	45254.30	0.0160	P	0.5
5	<input type="checkbox"/>	250.000	262.532	88351.78	0.0315	P	0.4
6	<input type="checkbox"/>	500.000	487.917	162109.69	0.0586	P	0.2
7	<input type="checkbox"/>	1000.000	1001.628	336854.73	0.1202	P	1.1
8	<input type="checkbox"/>			234.45	0.0001	P	8.7

$$y = 1.2005E-004 * x + 7.2573E-007$$

$$R = 0.9998$$

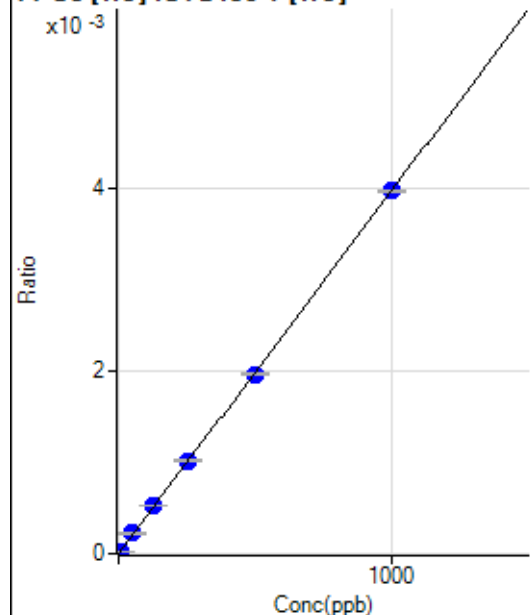
$$DL = 0.01571$$

$$BEC = 0.006045$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	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	4.520	55.56	0.0000	P	21.
3	<input type="checkbox"/>	50.000	56.356	658.91	0.0002	P	5.6
4	<input type="checkbox"/>	125.000	133.612	1501.21	0.0005	P	2.1
5	<input type="checkbox"/>	250.000	256.758	2865.86	0.0010	P	3.1
6	<input type="checkbox"/>	500.000	493.994	5443.27	0.0020	P	0.9
7	<input type="checkbox"/>	1000.000	999.921	11154.28	0.0040	P	0.8
8	<input type="checkbox"/>			67.78	0.0000	P	37.

$$y = 3.9815\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

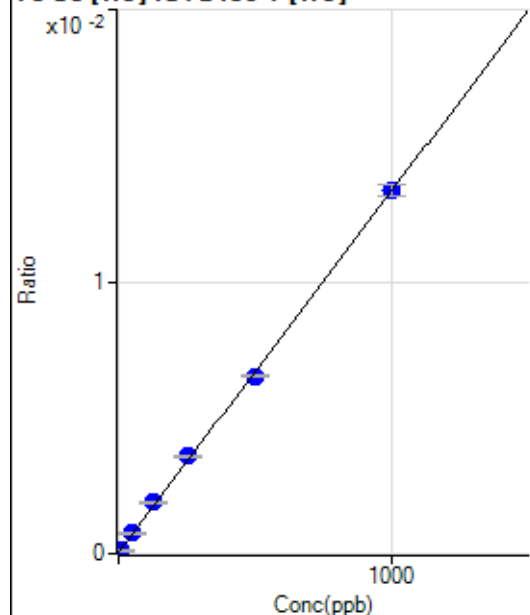
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	157.78	0.0001	P	22.
2	<input type="checkbox"/>	5.000	4.728	353.34	0.0001	P	18.
3	<input type="checkbox"/>	50.000	53.923	2253.53	0.0008	P	7.5
4	<input type="checkbox"/>	125.000	139.157	5358.79	0.0019	P	3.9
5	<input type="checkbox"/>	250.000	266.411	10062.40	0.0036	P	1.4
6	<input type="checkbox"/>	500.000	486.949	18038.86	0.0065	P	1.3
7	<input type="checkbox"/>	1000.000	1000.458	37358.16	0.0133	P	3.2
8	<input type="checkbox"/>			330.01	0.0001	P	11.

$$y = 1.3280\text{E-}005 * x + 5.1485\text{E-}005$$

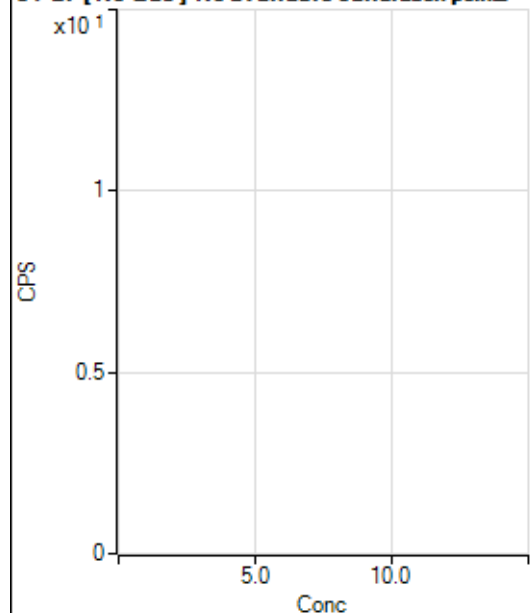
$$R = 0.9997$$

$$DL = 2.664$$

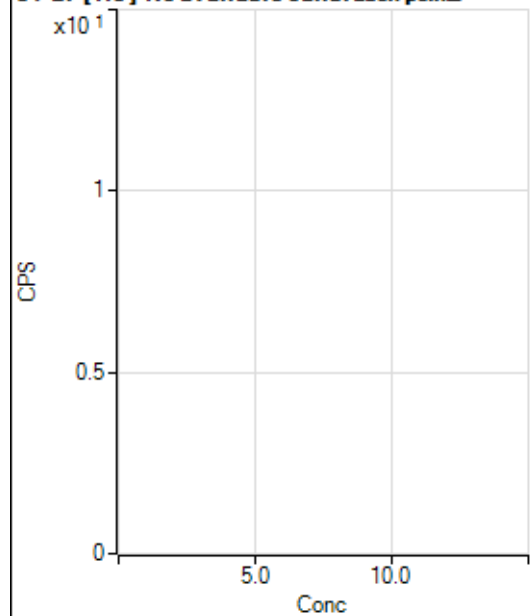
$$BEC = 3.877$$

Weight: <None>

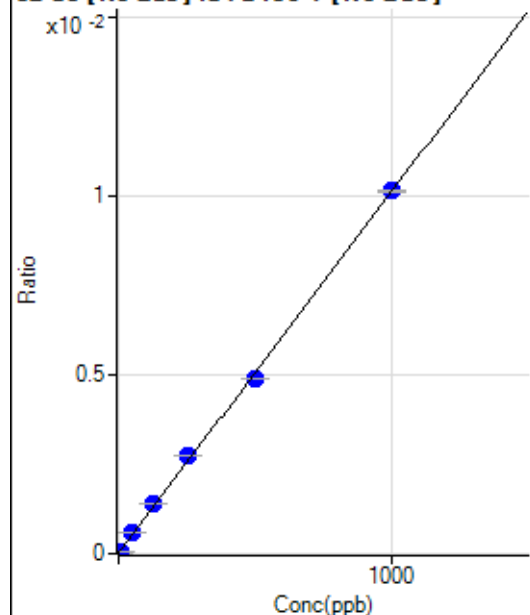
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			11400.06		P	2.7
2	<input type="checkbox"/>			11354.46		P	2.0
3	<input type="checkbox"/>			10467.14		P	2.2
4	<input type="checkbox"/>			9945.66		P	2.4
5	<input type="checkbox"/>			9343.05		P	2.8
6	<input type="checkbox"/>			9424.22		P	2.9
7	<input type="checkbox"/>			9931.18		P	0.6
8	<input type="checkbox"/>			12687.80		P	8.1

81 Br [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			133.34		P	24.
2	<input type="checkbox"/>			82.22		P	20.
3	<input type="checkbox"/>			64.44		P	41.
4	<input type="checkbox"/>			68.89		P	18.
5	<input type="checkbox"/>			65.56		P	25.
6	<input type="checkbox"/>			80.00		P	30.
7	<input type="checkbox"/>			83.34		P	25.
8	<input type="checkbox"/>			694.47		P	3.2

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	242.52	0.0000	P	19.
2	<input type="checkbox"/>	5.000	4.901	902.51	0.0001	P	0.7
3	<input type="checkbox"/>	50.000	55.613	7512.38	0.0006	P	1.2
4	<input type="checkbox"/>	125.000	137.585	17523.11	0.0014	P	1.0
5	<input type="checkbox"/>	250.000	268.688	32968.33	0.0027	P	1.0
6	<input type="checkbox"/>	500.000	482.438	59470.73	0.0049	P	0.6
7	<input type="checkbox"/>	1000.000	1002.256	122222.98	0.0102	P	0.8
8	<input type="checkbox"/>			854.20	0.0001	P	8.5

$$y = 1.0114\text{E-}005 * x + 1.8542\text{E-}005$$

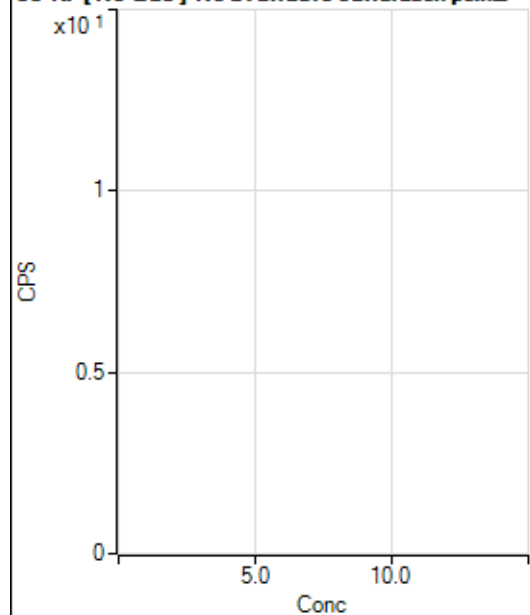
$$R = 0.9995$$

$$DL = 1.085$$

$$BEC = 1.833$$

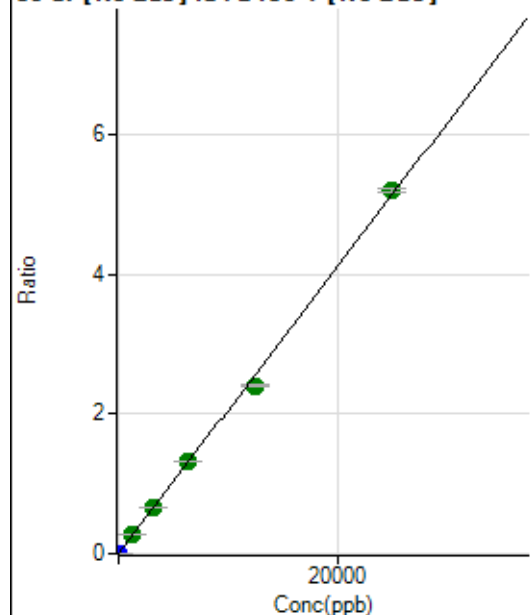
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			156.67		P	15.
2	<input type="checkbox"/>			133.34		P	10.
3	<input type="checkbox"/>			101.11		P	10.
4	<input type="checkbox"/>			146.67		P	11.
5	<input type="checkbox"/>			124.44		P	22.
6	<input type="checkbox"/>			142.23		P	10.
7	<input type="checkbox"/>			144.45		P	16.
8	<input type="checkbox"/>			191.11		P	9.6

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	245.56	0.0000	P	14.
2	<input type="checkbox"/>	1.000	0.896	2688.05	0.0002	P	5.3
3	<input type="checkbox"/>	1250.000	1308.674	3475712.83	0.2688	A	0.2
4	<input type="checkbox"/>	3125.000	3238.097	8265198.97	0.6651	A	1.1
5	<input type="checkbox"/>	6250.000	6427.263	15906770.74	1.3202	A	0.6
6	<input type="checkbox"/>	12500.000	11726.907	29247435.95	2.4087	A	0.8
7	<input type="checkbox"/>	25000.000	25325.160	62601032.40	5.2017	A	1.2
8	<input type="checkbox"/>			22933.57	0.0020	P	7.1

$$y = 2.0540E-004 * x + 1.8780E-005$$

$$R = 0.9993$$

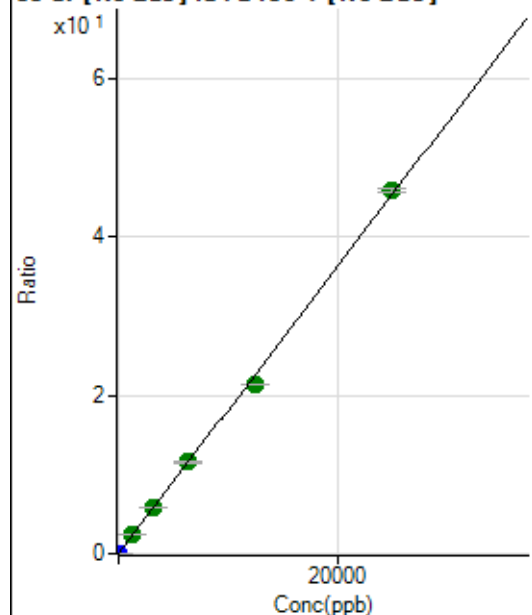
$$DL = 0.04014$$

$$BEC = 0.09143$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	104.45	0.0000	P	24.
2	<input type="checkbox"/>	1.000	0.912	21986.55	0.0017	P	2.8
3	<input type="checkbox"/>	1250.000	1283.508	30067000.67	2.3254	A	0.2
4	<input type="checkbox"/>	3125.000	3230.940	72745163.36	5.8537	A	0.6
5	<input type="checkbox"/>	6250.000	6387.388	139441173.4	11.5725	A	0.6
6	<input type="checkbox"/>	12500.000	11767.599	258864958.3	21.3201	A	0.3
7	<input type="checkbox"/>	25000.000	25316.936	552020929.5	45.8684	A	1.0
8	<input type="checkbox"/>			200227.02	0.0178	P	5.6

$$y = 0.0018 * x + 7.9841E-006$$

$$R = 0.9993$$

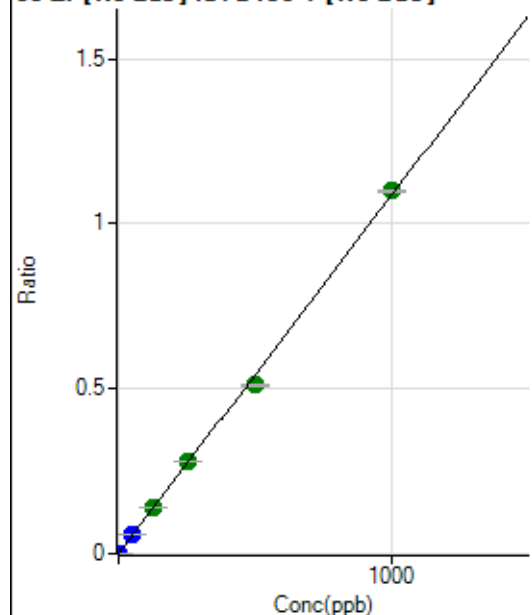
$$DL = 0.003215$$

$$BEC = 0.004407$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	500.01	0.0000	P	1.7
2	<input type="checkbox"/>	1.000	0.878	13140.43	0.0010	P	0.6
3	<input type="checkbox"/>	50.000	53.335	749218.91	0.0579	P	0.8
4	<input type="checkbox"/>	125.000	130.498	1761356.10	0.1417	A	0.1
5	<input type="checkbox"/>	250.000	257.396	3367876.23	0.2795	A	0.3
6	<input type="checkbox"/>	500.000	469.809	6194009.70	0.5101	A	0.4
7	<input type="checkbox"/>	1000.000	1012.393	13230980.91	1.0993	A	0.7
8	<input type="checkbox"/>			10420.46	0.0009	P	0.5

$$y = 0.0011 * x + 3.8233E-005$$

$$R = 0.9993$$

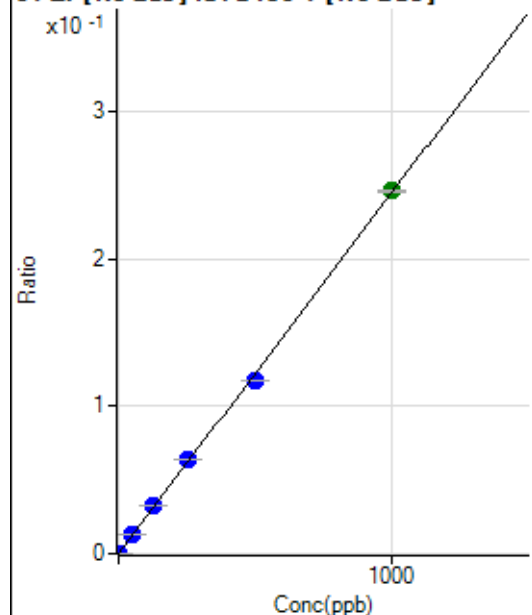
$$DL = 0.001767$$

$$BEC = 0.03521$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	90.00	0.0000	P	20.
2	<input type="checkbox"/>	1.000	0.900	3008.11	0.0002	P	1.6
3	<input type="checkbox"/>	50.000	52.758	166951.78	0.0129	P	1.0
4	<input type="checkbox"/>	125.000	131.650	400292.25	0.0322	P	1.0
5	<input type="checkbox"/>	250.000	262.696	774379.61	0.0643	P	0.4
6	<input type="checkbox"/>	500.000	478.941	1422616.90	0.1172	P	0.5
7	<input type="checkbox"/>	1000.000	1006.387	2962994.16	0.2462	A	0.6
8	<input type="checkbox"/>			2379.11	0.0002	P	3.1

$$y = 2.4462E-004 * x + 6.8897E-006$$

$$R = 0.9996$$

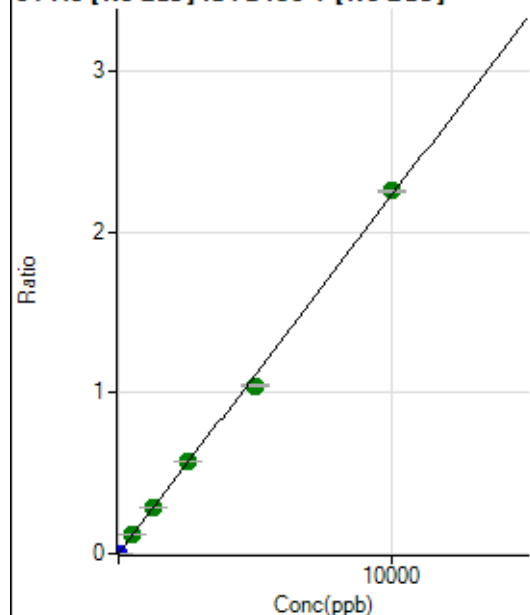
$$DL = 0.01719$$

$$BEC = 0.02816$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	187.78	0.0000	P	1.6
2	<input type="checkbox"/>	5.000	5.183	15484.94	0.0012	P	1.1
3	<input type="checkbox"/>	500.000	523.699	1508051.84	0.1166	A	0.5
4	<input type="checkbox"/>	1250.000	1304.772	3610825.26	0.2906	A	1.0
5	<input type="checkbox"/>	2500.000	2568.041	6890311.36	0.5719	A	0.5
6	<input type="checkbox"/>	5000.000	4688.446	12677452.17	1.0441	A	0.9
7	<input type="checkbox"/>	10000.000	10130.735	27152035.15	2.2560	A	0.4
8	<input type="checkbox"/>			14530.66	0.0013	P	4.3

$$y = 2.2268\text{E-}004 * x + 1.4359\text{E-}005$$

$$R = 0.9992$$

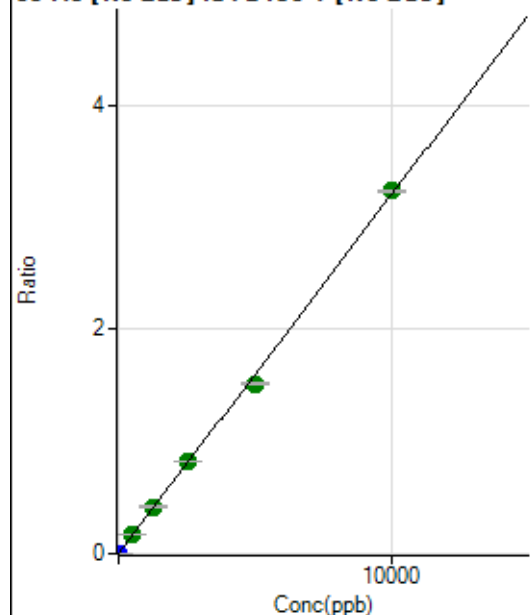
$$DL = 0.003169$$

$$BEC = 0.06448$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	57.78	0.0000	P	13.
2	<input type="checkbox"/>	5.000	4.432	18883.37	0.0014	P	0.5
3	<input type="checkbox"/>	500.000	523.325	2168972.74	0.1677	A	0.6
4	<input type="checkbox"/>	1250.000	1307.670	5208823.88	0.4192	A	1.1
5	<input type="checkbox"/>	2500.000	2575.943	9948986.59	0.8257	A	0.5
6	<input type="checkbox"/>	5000.000	4735.987	18432472.36	1.5181	A	0.5
7	<input type="checkbox"/>	10000.000	10104.646	38982001.64	3.2389	A	0.7
8	<input type="checkbox"/>			18860.01	0.0017	P	0.4

$$y = 3.2054\text{E-}004 * x + 4.4196\text{E-}006$$

$$R = 0.9994$$

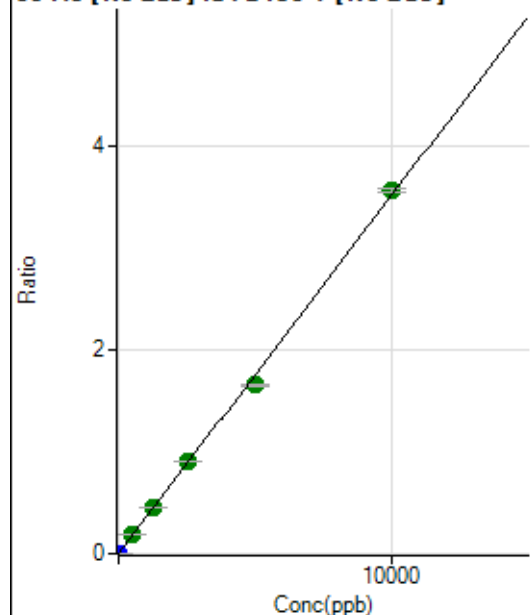
$$DL = 0.005705$$

$$BEC = 0.01379$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	84.44	0.0000	P	21.
2	<input type="checkbox"/>	5.000	4.484	20936.18	0.0016	P	1.7
3	<input type="checkbox"/>	500.000	520.388	2361478.87	0.1826	A	1.2
4	<input type="checkbox"/>	1250.000	1297.539	5659579.57	0.4554	A	1.3
5	<input type="checkbox"/>	2500.000	2565.531	10848654.70	0.9004	A	0.4
6	<input type="checkbox"/>	5000.000	4699.533	20025451.65	1.6493	A	0.6
7	<input type="checkbox"/>	10000.000	10126.889	42773993.53	3.5540	A	1.0
8	<input type="checkbox"/>			25406.60	0.0023	P	3.8

$$y = 3.5094E-004 * x + 6.4533E-006$$

$$R = 0.9993$$

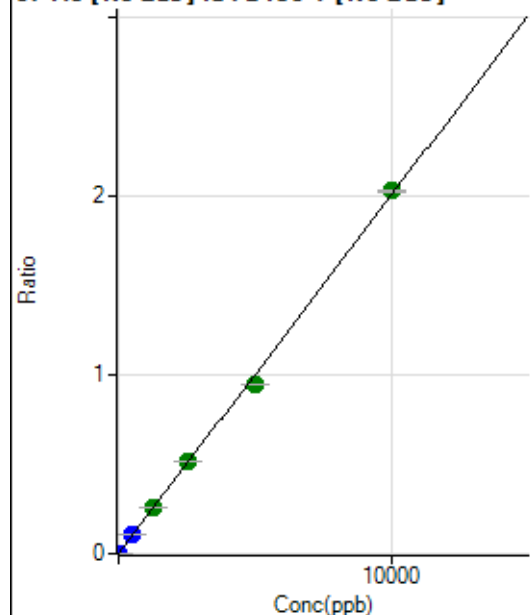
$$DL = 0.01183$$

$$BEC = 0.01839$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	34.44	0.0000	P	13.
2	<input type="checkbox"/>	5.000	4.417	11773.69	0.0009	P	1.2
3	<input type="checkbox"/>	500.000	539.215	1398256.14	0.1081	P	0.6
4	<input type="checkbox"/>	1250.000	1307.831	3259724.05	0.2623	A	0.1
5	<input type="checkbox"/>	2500.000	2583.991	6244306.37	0.5182	A	0.2
6	<input type="checkbox"/>	5000.000	4714.064	11480046.08	0.9454	A	0.9
7	<input type="checkbox"/>	10000.000	10112.781	24409528.80	2.0282	A	0.7
8	<input type="checkbox"/>			11584.68	0.0010	P	4.6

$$y = 2.0056E-004 * x + 2.6316E-006$$

$$R = 0.9993$$

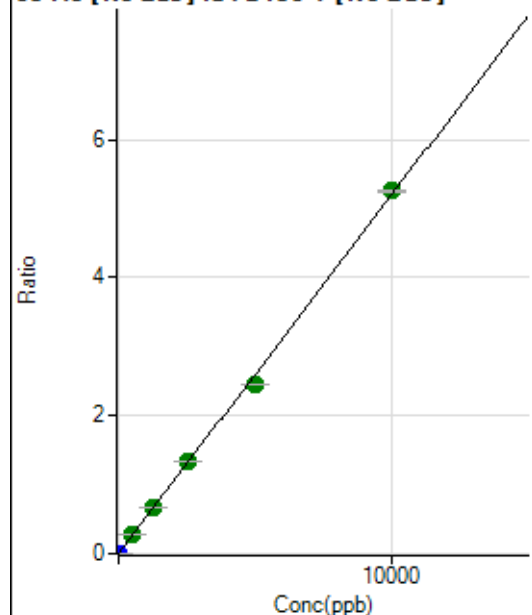
$$DL = 0.005477$$

$$BEC = 0.01312$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	82.22	0.0000	P	24.
2	<input type="checkbox"/>	5.000	4.465	30823.59	0.0023	P	0.9
3	<input type="checkbox"/>	500.000	515.558	3463596.93	0.2679	A	1.6
4	<input type="checkbox"/>	1250.000	1292.194	8344171.61	0.6714	A	0.9
5	<input type="checkbox"/>	2500.000	2583.107	16172249.90	1.3422	A	0.3
6	<input type="checkbox"/>	5000.000	4717.969	29765564.00	2.4515	A	0.8
7	<input type="checkbox"/>	10000.000	10114.187	63250751.83	5.2555	A	0.9
8	<input type="checkbox"/>			28778.41	0.0026	P	4.7

$$y = 5.1961\text{E-}004 * x + 6.2801\text{E-}006$$

$$R = 0.9994$$

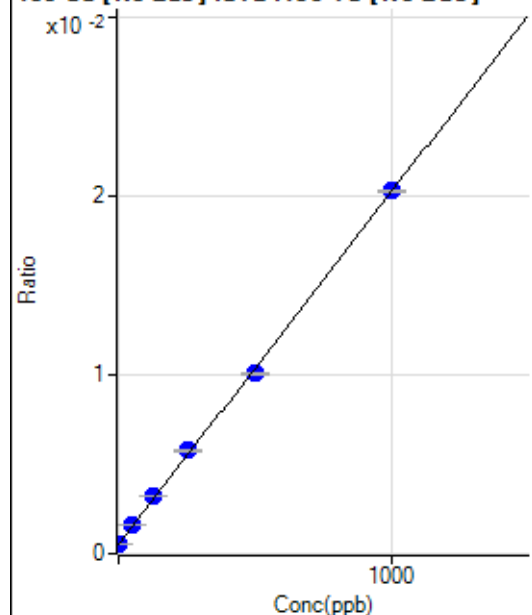
$$DL = 0.00874$$

$$BEC = 0.01209$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	5675.61	0.0005	P	4.8
2	<input type="checkbox"/>	1.000	0.724	5921.26	0.0005	P	3.8
3	<input type="checkbox"/>	50.000	55.466	17650.82	0.0016	P	2.0
4	<input type="checkbox"/>	125.000	137.414	34874.00	0.0032	P	0.5
5	<input type="checkbox"/>	250.000	266.058	61390.05	0.0058	P	1.2
6	<input type="checkbox"/>	500.000	483.745	107080.64	0.0101	P	0.7
7	<input type="checkbox"/>	1000.000	1002.288	216810.06	0.0203	P	0.6
8	<input type="checkbox"/>			4936.44	0.0005	P	5.0

$$y = 1.9713\text{E-}005 * x + 5.2393\text{E-}004$$

$$R = 0.9996$$

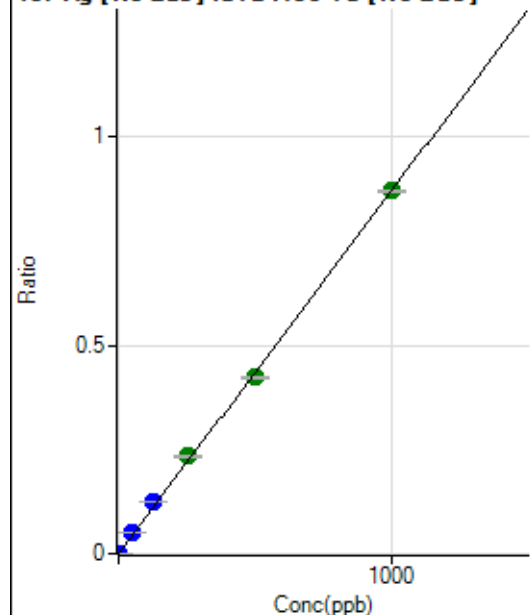
$$DL = 3.788$$

$$BEC = 26.58$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	111.11	0.0000	P	9.5
2	<input type="checkbox"/>	1.000	1.001	9705.54	0.0009	P	1.6
3	<input type="checkbox"/>	50.000	58.899	559855.23	0.0513	P	0.5
4	<input type="checkbox"/>	125.000	143.359	1346782.01	0.1248	P	0.6
5	<input type="checkbox"/>	250.000	267.720	2481220.97	0.2331	A	0.4
6	<input type="checkbox"/>	500.000	485.728	4502394.34	0.4230	A	0.6
7	<input type="checkbox"/>	1000.000	999.966	9308315.97	0.8708	A	0.7
8	<input type="checkbox"/>			6568.21	0.0007	P	3.0

$$y = 8.7080E-004 * x + 1.0255E-005$$

$$R = 0.9995$$

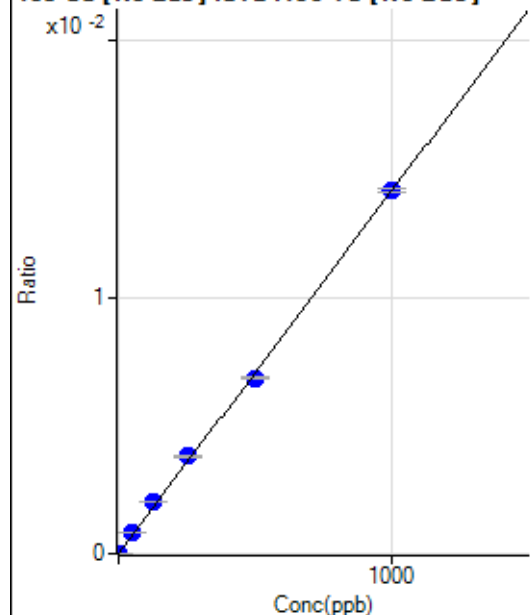
$$DL = 0.00337$$

$$BEC = 0.01178$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	10.00	0.0000	P	88.
2	<input type="checkbox"/>	1.000	0.945	156.67	0.0000	P	23.
3	<input type="checkbox"/>	50.000	55.930	8630.42	0.0008	P	0.9
4	<input type="checkbox"/>	125.000	142.032	21648.45	0.0020	P	0.2
5	<input type="checkbox"/>	250.000	268.703	40394.95	0.0038	P	0.9
6	<input type="checkbox"/>	500.000	484.547	72852.74	0.0068	P	0.6
7	<input type="checkbox"/>	1000.000	1000.625	151061.14	0.0141	P	1.2
8	<input type="checkbox"/>			230.00	0.0000	P	19.

$$y = 1.4123E-005 * x + 9.2068E-007$$

$$R = 0.9995$$

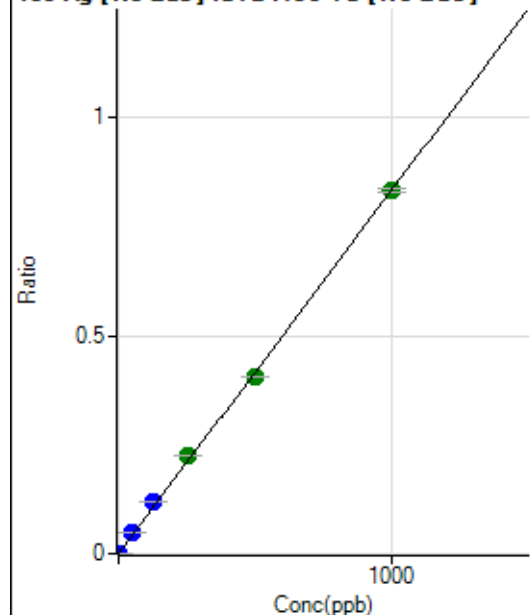
$$DL = 0.1725$$

$$BEC = 0.06519$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	46.67	0.0000	P	39.
2	<input type="checkbox"/>	1.000	0.990	9114.06	0.0008	P	3.7
3	<input type="checkbox"/>	50.000	58.762	533808.20	0.0489	P	0.2
4	<input type="checkbox"/>	125.000	142.748	1281726.14	0.1188	P	0.6
5	<input type="checkbox"/>	250.000	269.774	2389527.79	0.2245	A	1.0
6	<input type="checkbox"/>	500.000	487.352	4317728.72	0.4056	A	0.9
7	<input type="checkbox"/>	1000.000	998.724	8885775.21	0.8313	A	1.0
8	<input type="checkbox"/>			6195.83	0.0006	P	2.8

$$y = 8.3232\text{E-}004 * x + 4.3027\text{E-}006$$

$$R = 0.9996$$

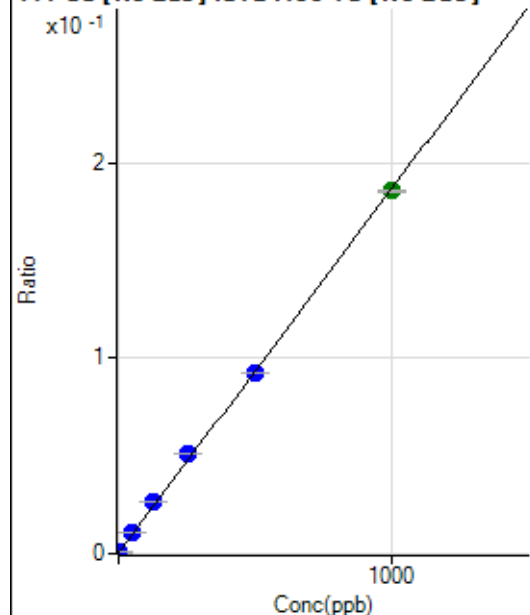
$$DL = 0.006118$$

$$BEC = 0.005169$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	3975.92	0.0004	P	4.8
2	<input type="checkbox"/>	1.000	1.016	6117.61	0.0006	P	3.1
3	<input type="checkbox"/>	50.000	56.978	119671.23	0.0110	P	0.7
4	<input type="checkbox"/>	125.000	140.151	285183.85	0.0264	P	0.8
5	<input type="checkbox"/>	250.000	270.887	540154.35	0.0508	P	0.3
6	<input type="checkbox"/>	500.000	495.265	984530.67	0.0925	P	0.5
7	<input type="checkbox"/>	1000.000	994.903	1982198.68	0.1854	A	0.6
8	<input type="checkbox"/>			5030.19	0.0005	P	3.9

$$y = 1.8601\text{E-}004 * x + 3.6703\text{E-}004$$

$$R = 0.9997$$

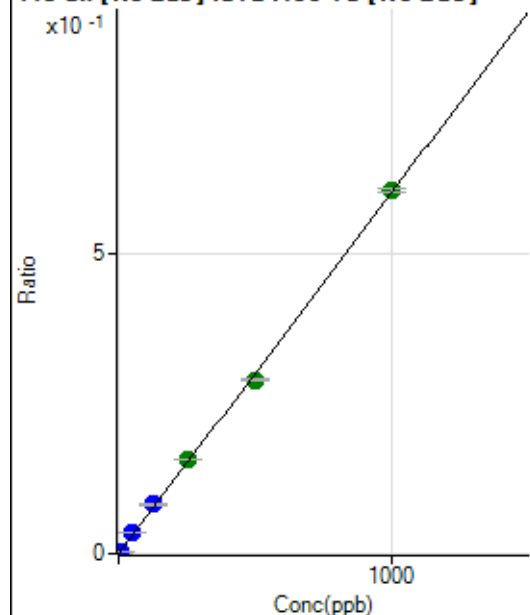
$$DL = 0.2858$$

$$BEC = 1.973$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	855.59	0.0001	P	7.3
2	<input type="checkbox"/>	5.000	4.876	33229.40	0.0030	P	0.8
3	<input type="checkbox"/>	50.000	56.655	373809.89	0.0343	P	1.2
4	<input type="checkbox"/>	125.000	136.343	888001.90	0.0823	P	1.0
5	<input type="checkbox"/>	250.000	260.870	1675497.01	0.1574	A	0.5
6	<input type="checkbox"/>	500.000	480.900	3087991.17	0.2901	A	1.6
7	<input type="checkbox"/>	1000.000	1005.082	6481113.03	0.6063	A	1.1
8	<input type="checkbox"/>			7990.06	0.0008	P	3.1

$$y = 6.0318\text{E-}004 * x + 7.8972\text{E-}005$$

$$R = 0.9996$$

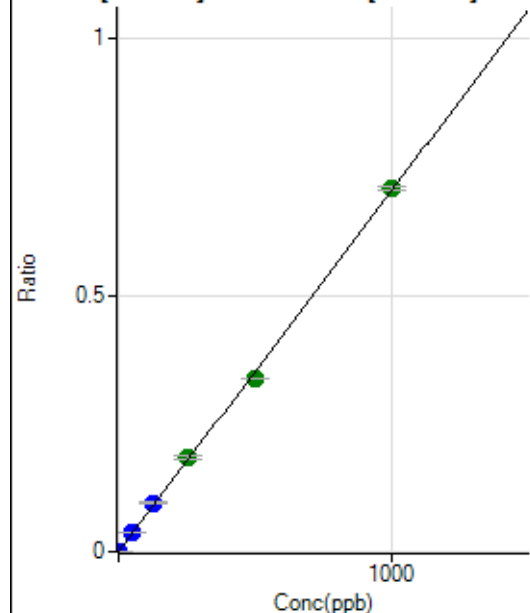
$$DL = 0.02864$$

$$BEC = 0.1309$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	84.45	0.0000	P	32.
2	<input type="checkbox"/>	2.000	1.883	14656.45	0.0013	P	1.0
3	<input type="checkbox"/>	50.000	54.908	421490.66	0.0386	P	1.1
4	<input type="checkbox"/>	125.000	135.773	1030075.46	0.0955	P	0.4
5	<input type="checkbox"/>	250.000	260.999	1953473.53	0.1836	A	2.3
6	<input type="checkbox"/>	500.000	481.079	3601120.95	0.3383	A	0.3
7	<input type="checkbox"/>	1000.000	1005.119	7555778.15	0.7068	A	0.9
8	<input type="checkbox"/>			10275.97	0.0011	P	4.6

$$y = 7.0324\text{E-}004 * x + 7.7922\text{E-}006$$

$$R = 0.9996$$

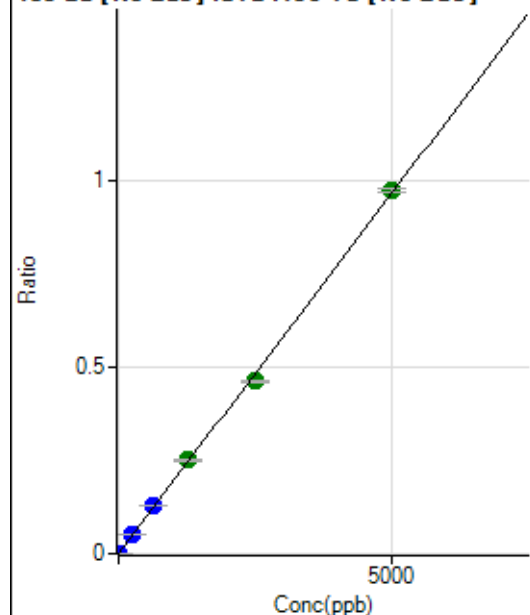
$$DL = 0.01095$$

$$BEC = 0.01108$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	16.67	0.0000	P	87.
2	<input type="checkbox"/>	10.000	9.279	19684.78	0.0018	P	0.9
3	<input type="checkbox"/>	250.000	266.370	560029.68	0.0513	P	0.7
4	<input type="checkbox"/>	625.000	659.367	1370257.88	0.1270	P	0.9
5	<input type="checkbox"/>	1250.000	1294.868	2654925.74	0.2494	A	0.8
6	<input type="checkbox"/>	2500.000	2394.285	4909887.84	0.4612	A	0.9
7	<input type="checkbox"/>	5000.000	5036.527	10371260.54	0.9703	A	1.0
8	<input type="checkbox"/>			9832.36	0.0010	P	1.5

$$y = 1.9264\text{E-}004 * x + 1.5345\text{E-}006$$

$$R = 0.9996$$

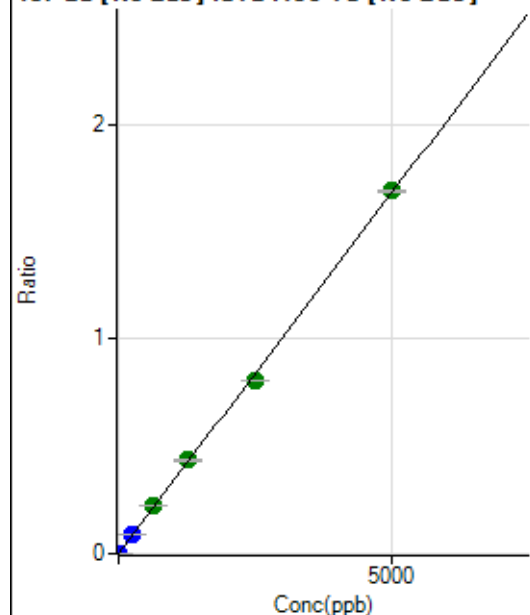
$$DL = 0.02083$$

$$BEC = 0.007966$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	25.56	0.0000	P	7.1
2	<input type="checkbox"/>	10.000	9.280	34308.00	0.0031	P	2.3
3	<input type="checkbox"/>	250.000	265.557	973165.22	0.0892	P	0.5
4	<input type="checkbox"/>	625.000	661.256	2395264.31	0.2220	A	0.9
5	<input type="checkbox"/>	1250.000	1295.091	4627954.62	0.4349	A	0.9
6	<input type="checkbox"/>	2500.000	2399.468	8576309.18	0.8057	A	0.5
7	<input type="checkbox"/>	5000.000	5033.685	18069919.31	1.6902	A	0.6
8	<input type="checkbox"/>			17527.59	0.0018	P	2.0

$$y = 3.3578\text{E-}004 * x + 2.3584\text{E-}006$$

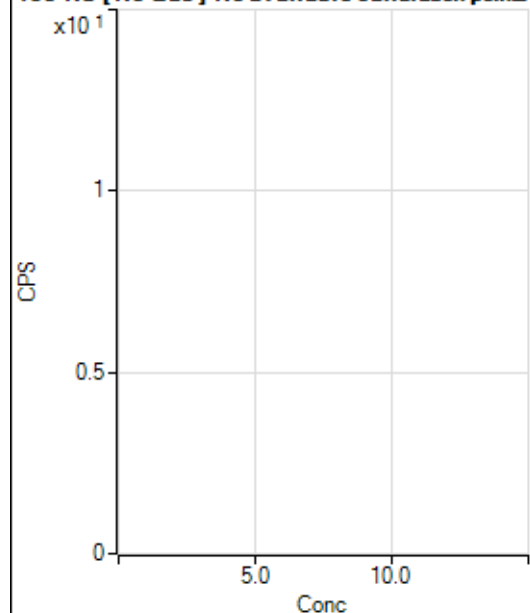
$$R = 0.9996$$

$$DL = 0.001504$$

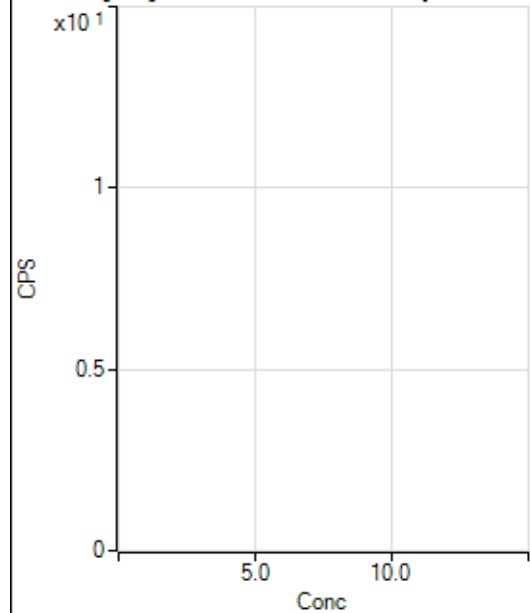
$$BEC = 0.007024$$

Weight: <None>

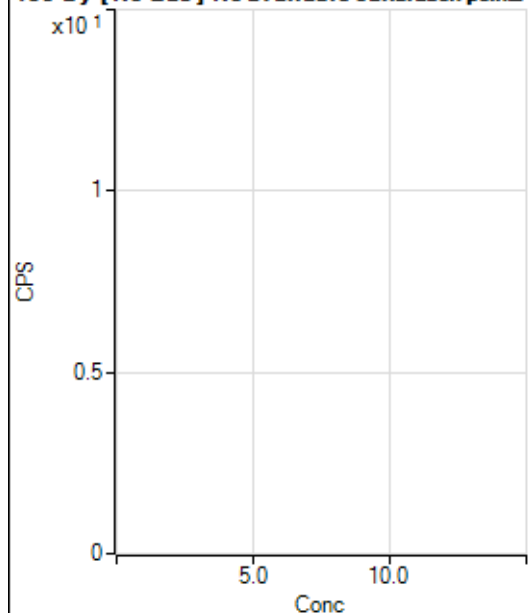
Min Conc: 0

150 Nd [No Gas] No available calibration points

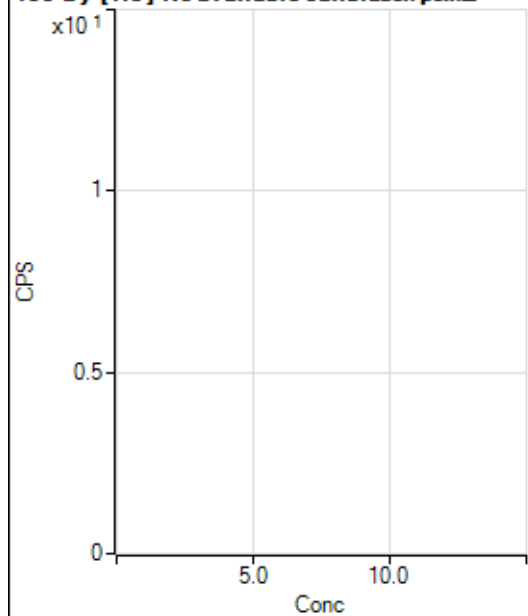
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			8.89		P	43.
2	<input type="checkbox"/>			4.45		P	86.
3	<input type="checkbox"/>			64.44		P	15.
4	<input type="checkbox"/>			128.89		P	6.5
5	<input type="checkbox"/>			293.34		P	6.9
6	<input type="checkbox"/>			496.68		P	11.
7	<input type="checkbox"/>			1016.72		P	2.0
8	<input type="checkbox"/>			307.78		P	8.2

150 Nd [He] No available calibration points

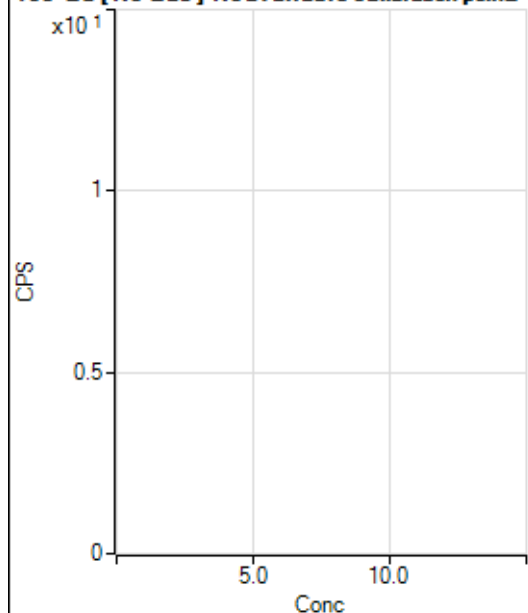
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	86.
2	<input type="checkbox"/>			4.44		P	43.
3	<input type="checkbox"/>			20.00		P	33.
4	<input type="checkbox"/>			26.67		P	25.
5	<input type="checkbox"/>			75.55		P	37.
6	<input type="checkbox"/>			115.56		P	18.
7	<input type="checkbox"/>			247.78		P	14.
8	<input type="checkbox"/>			205.56		P	10.

156 Dy [No Gas] No available calibration points

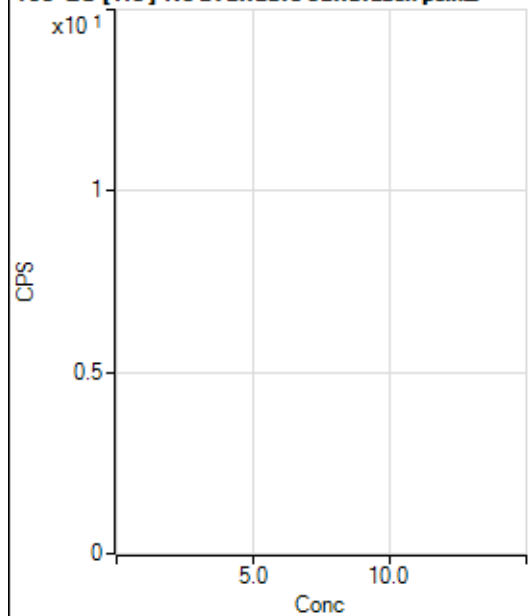
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			7.78		P	49.
2	<input type="checkbox"/>			7.78		P	24.
3	<input type="checkbox"/>			33.33		P	43.
4	<input type="checkbox"/>			87.78		P	35.
5	<input type="checkbox"/>			171.11		P	22.
6	<input type="checkbox"/>			328.89		P	6.9
7	<input type="checkbox"/>			647.80		P	5.7
8	<input type="checkbox"/>			1766.79		P	3.9

156 Dy [He] No available calibration points

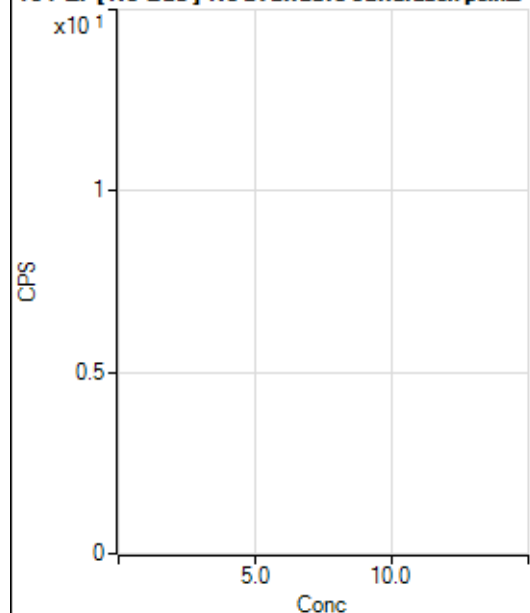
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			8.89		P	21.
2	<input type="checkbox"/>			7.78		P	99.
3	<input type="checkbox"/>			58.89		P	13.
4	<input type="checkbox"/>			97.78		P	3.9
5	<input type="checkbox"/>			181.11		P	6.5
6	<input type="checkbox"/>			334.45		P	5.1
7	<input type="checkbox"/>			803.36		P	13.
8	<input type="checkbox"/>			1145.62		P	4.5

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

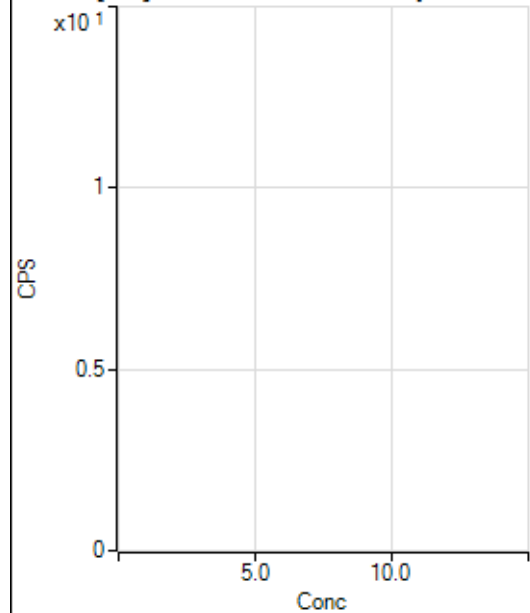
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			72.22		P	33.
2	<input type="checkbox"/>			61.11		P	20.
3	<input type="checkbox"/>			84.45		P	8.2
4	<input type="checkbox"/>			108.89		P	17.
5	<input type="checkbox"/>			204.45		P	9.4
6	<input type="checkbox"/>			265.56		P	12.
7	<input type="checkbox"/>			607.80		P	5.9
8	<input type="checkbox"/>			1911.26		P	3.9

160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			387.79		P	2.2
2	<input type="checkbox"/>			428.90		P	9.9
3	<input type="checkbox"/>			412.23		P	8.7
4	<input type="checkbox"/>			410.01		P	7.1
5	<input type="checkbox"/>			471.12		P	12.
6	<input type="checkbox"/>			467.79		P	2.9
7	<input type="checkbox"/>			692.25		P	7.6
8	<input type="checkbox"/>			1655.67		P	4.3

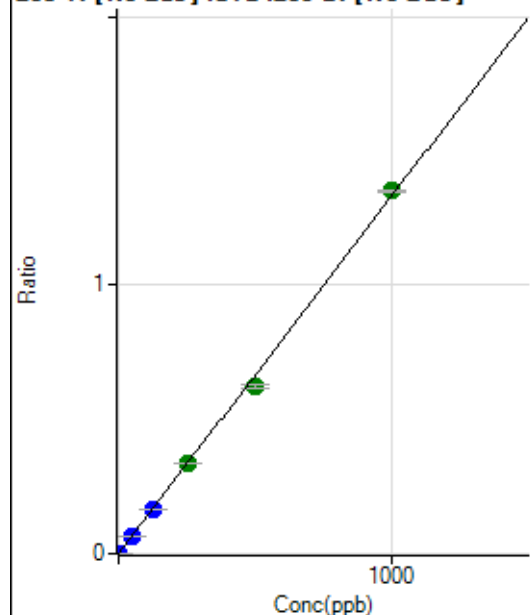
164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			78.89		P	14.
2	<input type="checkbox"/>			78.89		P	10.
3	<input type="checkbox"/>			85.55		P	19.
4	<input type="checkbox"/>			107.78		P	23.
5	<input type="checkbox"/>			144.45		P	13.
6	<input type="checkbox"/>			161.12		P	19.
7	<input type="checkbox"/>			266.67		P	14.
8	<input type="checkbox"/>			295.56		P	10.

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			41.11		P	12.
2	<input type="checkbox"/>			50.00		P	33.
3	<input type="checkbox"/>			54.44		P	49.
4	<input type="checkbox"/>			64.44		P	3.0
5	<input type="checkbox"/>			61.11		P	6.3
6	<input type="checkbox"/>			92.22		P	19.
7	<input type="checkbox"/>			140.00		P	6.3
8	<input type="checkbox"/>			211.12		P	1.8

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	128.89	0.0000	P	15.
2	<input type="checkbox"/>	1.000	0.846	7372.06	0.0011	P	2.8
3	<input type="checkbox"/>	50.000	49.022	417064.26	0.0653	P	1.0
4	<input type="checkbox"/>	125.000	122.529	1049556.61	0.1631	P	0.5
5	<input type="checkbox"/>	250.000	252.633	2116533.21	0.3362	A	1.3
6	<input type="checkbox"/>	500.000	468.892	3904388.80	0.6240	A	1.9
7	<input type="checkbox"/>	1000.000	1015.254	8176241.13	1.3511	A	0.6
8	<input type="checkbox"/>			5112.12	0.0010	P	6.6

$$y = 0.0013 * x + 2.0129E-005$$

$$R = 0.9993$$

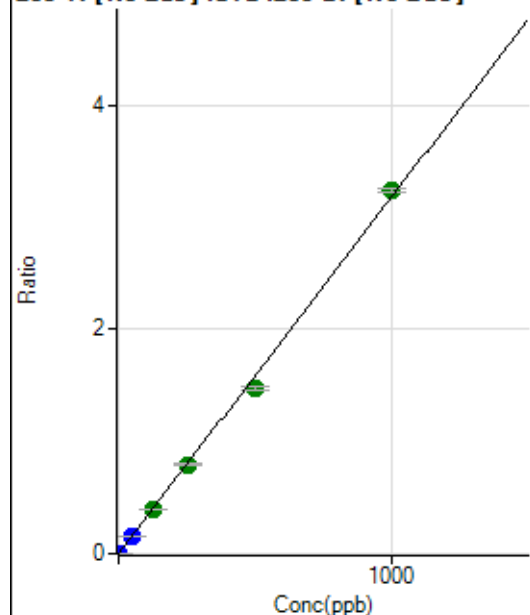
$$DL = 0.006962$$

$$BEC = 0.01512$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	342.23	0.0001	P	3.7
2	<input type="checkbox"/>	1.000	0.819	17064.11	0.0027	P	3.1
3	<input type="checkbox"/>	50.000	48.608	986637.34	0.1544	P	0.6
4	<input type="checkbox"/>	125.000	124.782	2550001.04	0.3962	A	1.6
5	<input type="checkbox"/>	250.000	249.329	4983783.43	0.7917	A	1.6
6	<input type="checkbox"/>	500.000	464.631	9229846.25	1.4752	A	2.4
7	<input type="checkbox"/>	1000.000	1017.949	19557231.52	3.2320	A	1.1
8	<input type="checkbox"/>			11823.03	0.0023	P	5.9

$$y = 0.0032 * x + 5.3399E-005$$

$$R = 0.9991$$

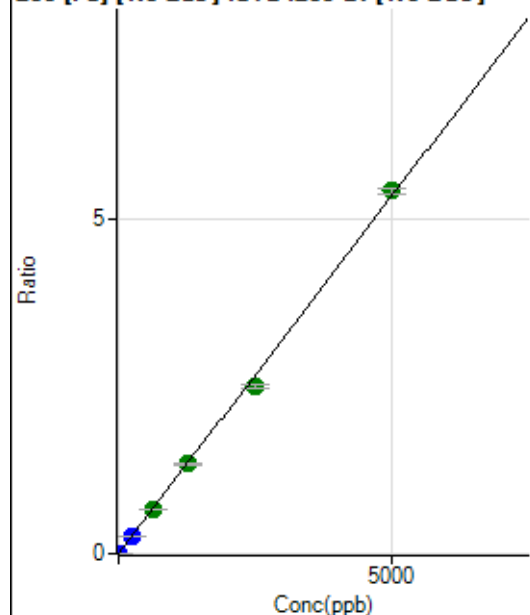
$$DL = 0.001852$$

$$BEC = 0.01682$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	452.23	0.0001	P	10.
2	<input type="checkbox"/>	1.000	0.815	6058.08	0.0009	P	4.5
3	<input type="checkbox"/>	250.000	246.450	1686370.98	0.2639	P	0.6
4	<input type="checkbox"/>	625.000	628.327	4328834.38	0.6726	A	0.4
5	<input type="checkbox"/>	1250.000	1258.142	8477939.80	1.3468	A	1.3
6	<input type="checkbox"/>	2500.000	2339.406	15666032.54	2.5042	A	2.6
7	<input type="checkbox"/>	5000.000	5078.023	32892738.12	5.4356	A	1.5
8	<input type="checkbox"/>			24036.93	0.0047	P	2.2

$$y = 0.0011 * x + 7.0568E-005$$

$$R = 0.9992$$

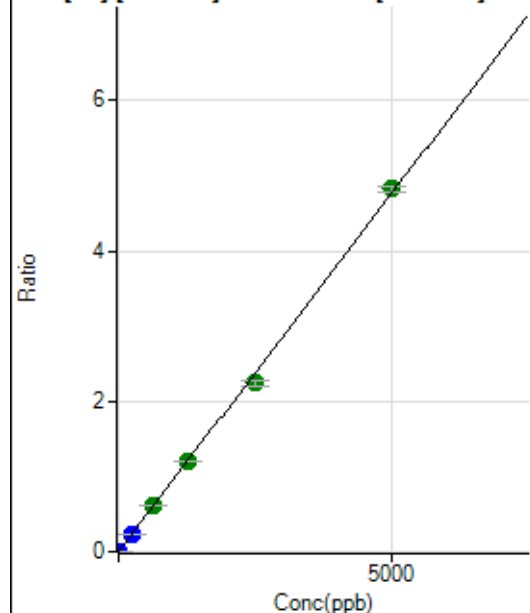
$$DL = 0.0204$$

$$BEC = 0.06593$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	345.56	0.0001	P	4.8
2	<input type="checkbox"/>	1.000	0.822	5374.45	0.0008	P	6.9
3	<input type="checkbox"/>	250.000	244.083	1484750.66	0.2323	P	0.1
4	<input type="checkbox"/>	625.000	635.798	3894078.48	0.6051	A	0.5
5	<input type="checkbox"/>	1250.000	1266.578	7587770.58	1.2053	A	0.8
6	<input type="checkbox"/>	2500.000	2353.140	14009832.43	2.2393	A	2.6
7	<input type="checkbox"/>	5000.000	5068.232	29186919.56	4.8229	A	1.6
8	<input type="checkbox"/>			20952.89	0.0041	P	1.9

$$y = 9.5159E-004 * x + 5.3926E-005$$

$$R = 0.9994$$

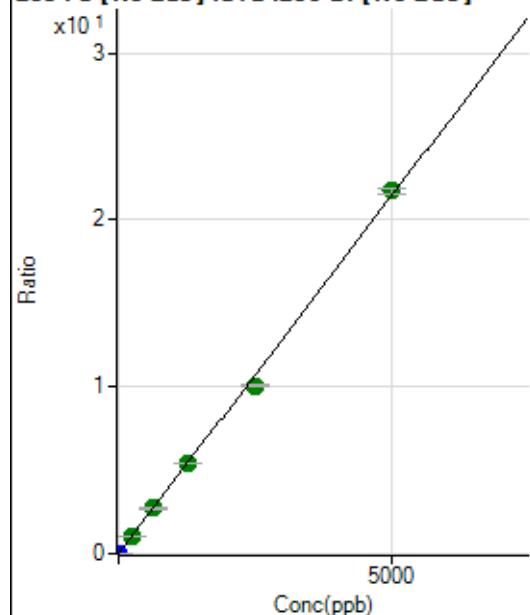
$$DL = 0.0082$$

$$BEC = 0.05667$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	1777.84	0.0003	P	3.8
2	<input type="checkbox"/>	1.000	0.829	24631.24	0.0038	P	3.3
3	<input type="checkbox"/>	250.000	250.769	6875047.66	1.0757	A	0.3
4	<input type="checkbox"/>	625.000	631.870	17441715.85	2.7102	A	0.4
5	<input type="checkbox"/>	1250.000	1267.797	34230422.47	5.4374	A	0.7
6	<input type="checkbox"/>	2500.000	2348.665	63026719.75	10.0729	A	1.9
7	<input type="checkbox"/>	5000.000	5070.321	131591942.7	21.7452	A	1.2
8	<input type="checkbox"/>			95641.69	0.0188	P	1.9

$$y = 0.0043 * x + 2.7741E-004$$

$$R = 0.9993$$

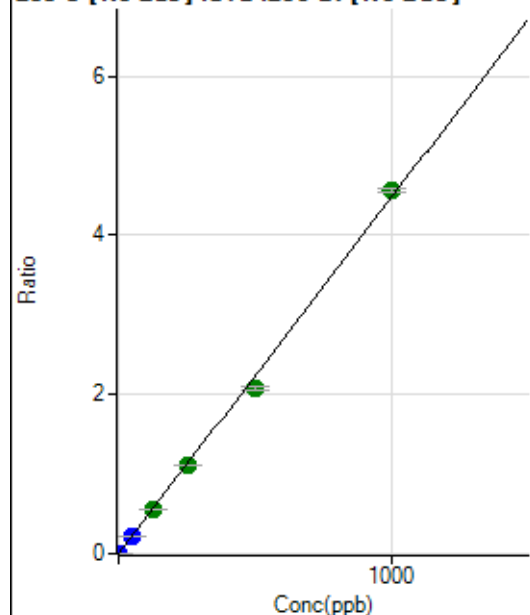
$$DL = 0.007312$$

$$BEC = 0.06468$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	7.78	0.0000	P	50.
2	<input type="checkbox"/>	1.000	0.778	22395.57	0.0035	P	2.5
3	<input type="checkbox"/>	50.000	46.065	1318444.75	0.2063	P	0.5
4	<input type="checkbox"/>	125.000	122.744	3537696.68	0.5497	A	0.5
5	<input type="checkbox"/>	250.000	248.102	6994137.40	1.1111	A	1.6
6	<input type="checkbox"/>	500.000	465.560	13047652.72	2.0850	A	1.9
7	<input type="checkbox"/>	1000.000	1018.174	27592692.65	4.5598	A	0.9
8	<input type="checkbox"/>			13040.93	0.0026	P	5.2

$$y = 0.0045 * x + 1.2167E-006$$

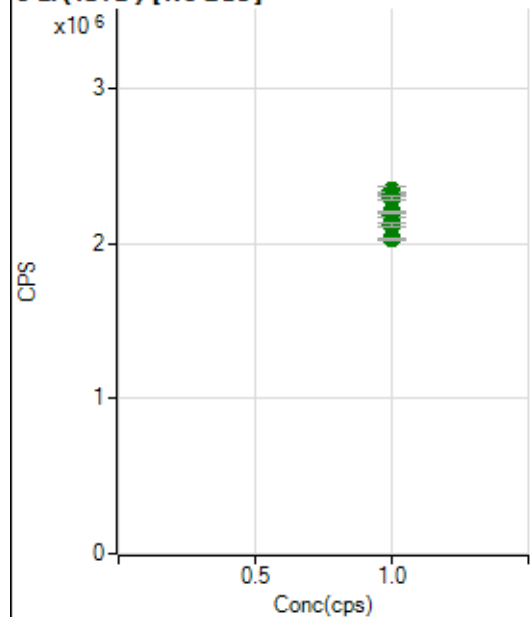
$$R = 0.9991$$

$$DL = 0.0004075$$

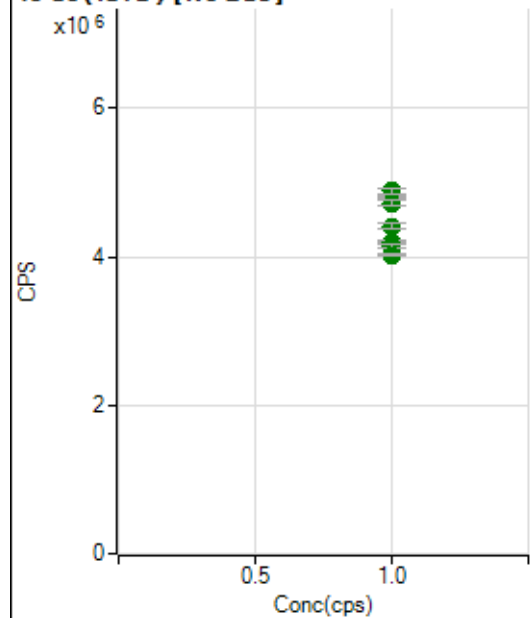
$$BEC = 0.0002717$$

Weight: <None>

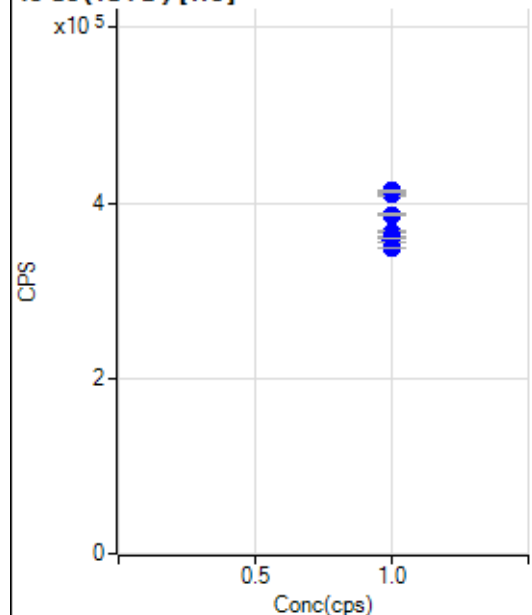
Min Conc: 0

6 Li (ISTD) [No Gas]

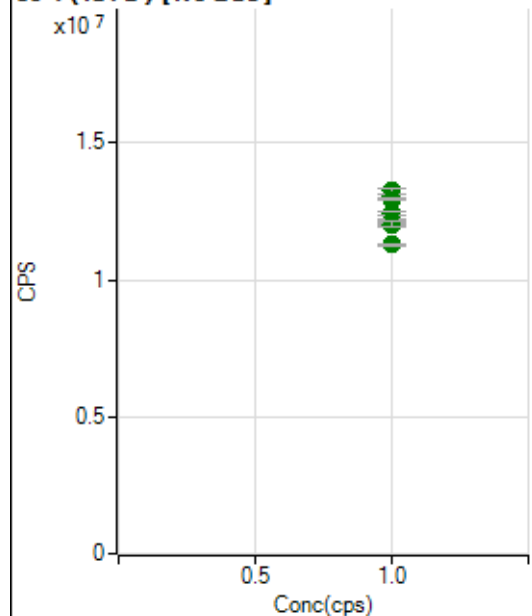
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		2322595.18		A	1.0
2	<input type="checkbox"/>	1.000		2338716.16		A	2.3
3	<input type="checkbox"/>	1.000		2314063.26		A	0.9
4	<input type="checkbox"/>	1.000		2287967.52		A	1.1
5	<input type="checkbox"/>	1.000		2182841.76		A	0.7
6	<input type="checkbox"/>	1.000		2202105.54		A	0.6
7	<input type="checkbox"/>	1.000		2116889.93		A	1.0
8	<input type="checkbox"/>	1.000		2028956.58		A	0.7

45 Sc (ISTD) [No Gas]

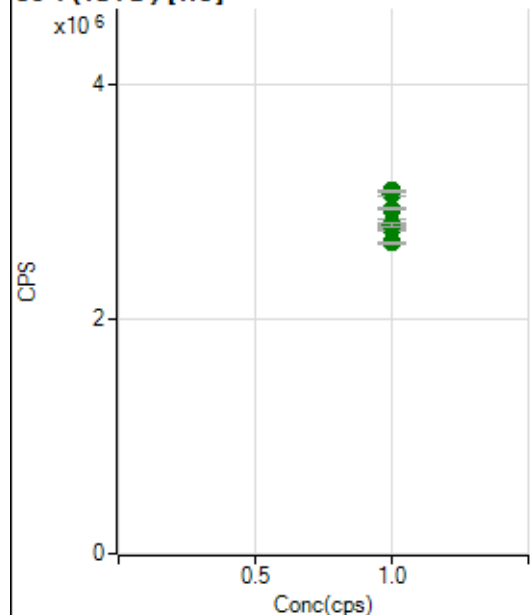
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		4807867.01		A	0.5
2	<input type="checkbox"/>	1.000		4889353.75		A	1.5
3	<input type="checkbox"/>	1.000		4724670.48		A	1.4
4	<input type="checkbox"/>	1.000		4407963.48		A	1.7
5	<input type="checkbox"/>	1.000		4209744.76		A	0.2
6	<input type="checkbox"/>	1.000		4202513.58		A	1.5
7	<input type="checkbox"/>	1.000		4147564.66		A	1.4
8	<input type="checkbox"/>	1.000		4029786.36		A	0.3

45 Sc (ISTD) [He]

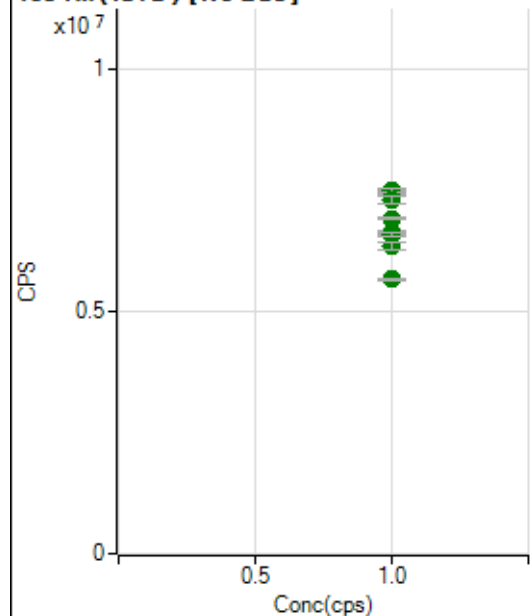
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		409162.88		P	0.3
2	<input type="checkbox"/>	1.000		413530.00		P	0.5
3	<input type="checkbox"/>	1.000		386090.51		P	0.6
4	<input type="checkbox"/>	1.000		367131.72		P	0.5
5	<input type="checkbox"/>	1.000		360771.94		P	0.7
6	<input type="checkbox"/>	1.000		360743.24		P	0.2
7	<input type="checkbox"/>	1.000		357407.91		P	0.7
8	<input type="checkbox"/>	1.000		348691.67		P	0.5

89 Y (ISTD) [No Gas]

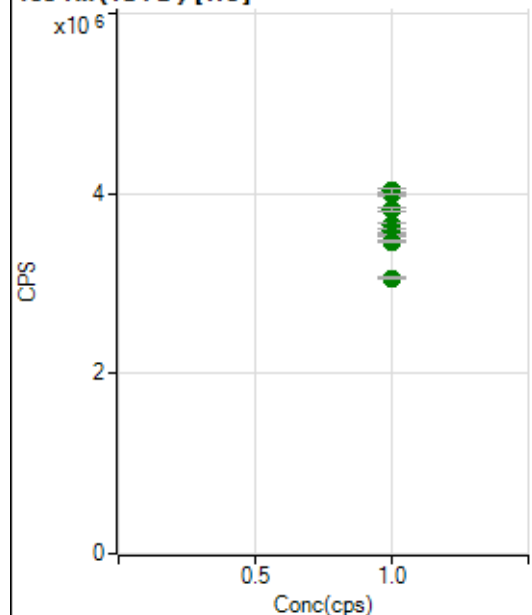
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		13078339.25		A	0.9
2	<input type="checkbox"/>	1.000		13251238.00		A	1.3
3	<input type="checkbox"/>	1.000		12929594.11		A	0.6
4	<input type="checkbox"/>	1.000		12427623.01		A	0.9
5	<input type="checkbox"/>	1.000		12049014.68		A	0.9
6	<input type="checkbox"/>	1.000		12141691.34		A	1.2
7	<input type="checkbox"/>	1.000		12035815.37		A	1.6
8	<input type="checkbox"/>	1.000		11273702.33		A	0.9

89 Y(ISTD) [He]

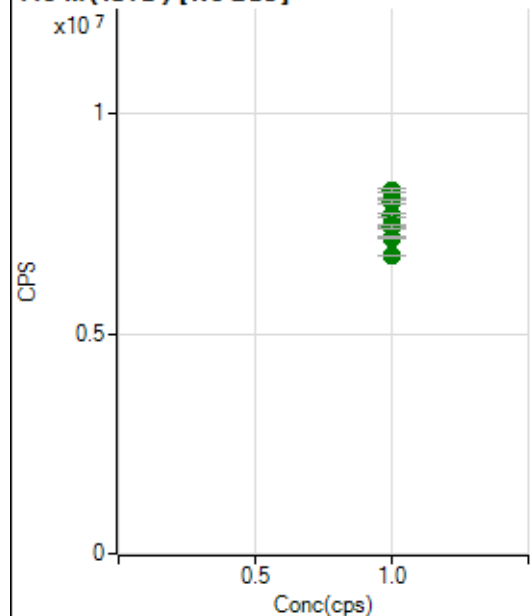
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	1.000		3066509.40		A	1.1
2	<input type="checkbox"/>	1.000		3090033.18		A	0.7
3	<input type="checkbox"/>	1.000		2936587.91		A	0.6
4	<input type="checkbox"/>	1.000		2822294.54		A	1.8
5	<input type="checkbox"/>	1.000		2803177.74		A	0.4
6	<input type="checkbox"/>	1.000		2767492.70		A	0.6
7	<input type="checkbox"/>	1.000		2801569.34		A	1.3
8	<input type="checkbox"/>	1.000		2649678.16		A	0.7

103 Rh(ISTD) [No Gas]

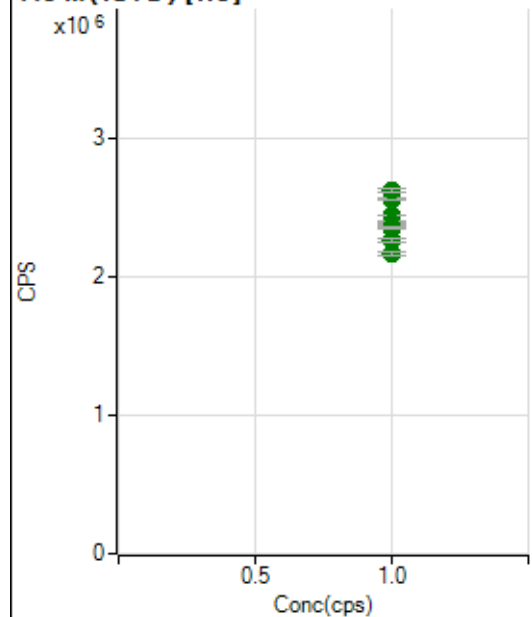
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	1.000		7468631.49		A	0.9
2	<input type="checkbox"/>	1.000		7489328.78		A	1.1
3	<input type="checkbox"/>	1.000		7300989.06		A	2.0
4	<input type="checkbox"/>	1.000		6921438.09		A	0.9
5	<input type="checkbox"/>	1.000		6617184.28		A	1.2
6	<input type="checkbox"/>	1.000		6601557.54		A	1.3
7	<input type="checkbox"/>	1.000		6352868.93		A	2.2
8	<input type="checkbox"/>	1.000		5658747.83		A	0.9

103 Rh (ISTD) [He]

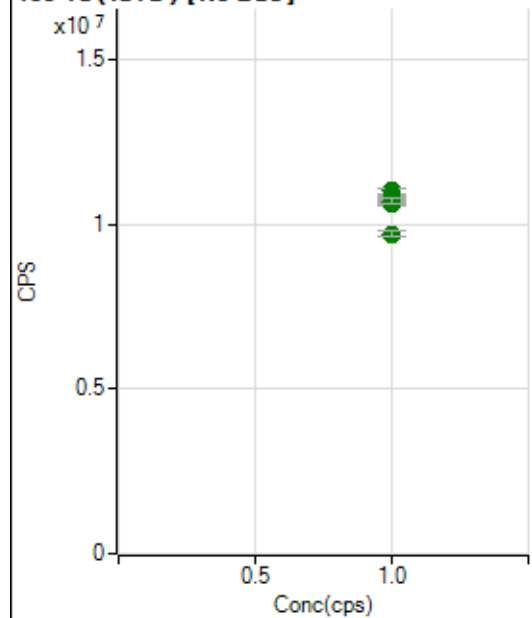
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		3989177.33		A	1.0
2	<input type="checkbox"/>	1.000		4031712.23		A	1.3
3	<input type="checkbox"/>	1.000		3824306.99		A	1.0
4	<input type="checkbox"/>	1.000		3645628.66		A	2.1
5	<input type="checkbox"/>	1.000		3588595.78		A	0.9
6	<input type="checkbox"/>	1.000		3529749.84		A	0.4
7	<input type="checkbox"/>	1.000		3468845.30		A	0.4
8	<input type="checkbox"/>	1.000		3064684.54		A	0.3

115 In (ISTD) [No Gas]

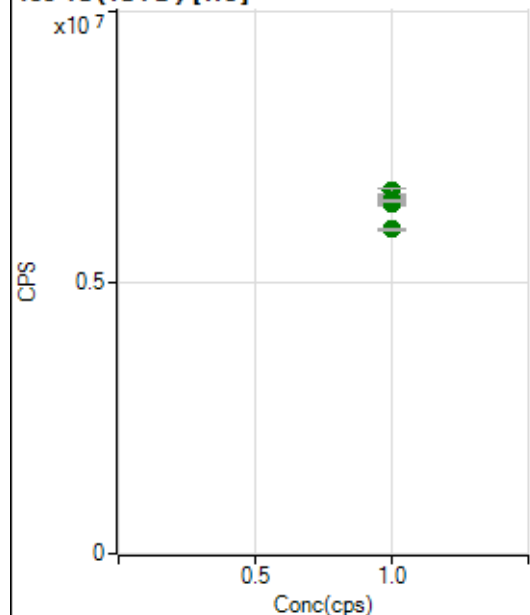
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		8077325.77		A	0.6
2	<input type="checkbox"/>	1.000		8241289.93		A	1.1
3	<input type="checkbox"/>	1.000		7979203.72		A	0.9
4	<input type="checkbox"/>	1.000		7675184.81		A	1.2
5	<input type="checkbox"/>	1.000		7450191.10		A	1.1
6	<input type="checkbox"/>	1.000		7421227.09		A	1.0
7	<input type="checkbox"/>	1.000		7174345.29		A	0.8
8	<input type="checkbox"/>	1.000		6758382.43		A	0.1

115 In (ISTD) [He]

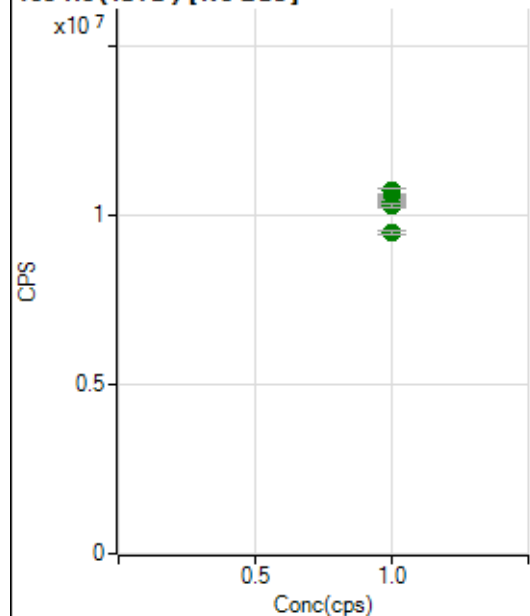
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	1.000		2562089.93		A	0.6
2	<input type="checkbox"/>	1.000		2622407.41		A	1.0
3	<input type="checkbox"/>	1.000		2447364.63		A	0.4
4	<input type="checkbox"/>	1.000		2396794.76		A	1.0
5	<input type="checkbox"/>	1.000		2362041.32		A	1.5
6	<input type="checkbox"/>	1.000		2351193.55		A	0.4
7	<input type="checkbox"/>	1.000		2270359.13		A	1.1
8	<input type="checkbox"/>	1.000		2167291.78		A	1.0

159 Tb (ISTD) [No Gas]

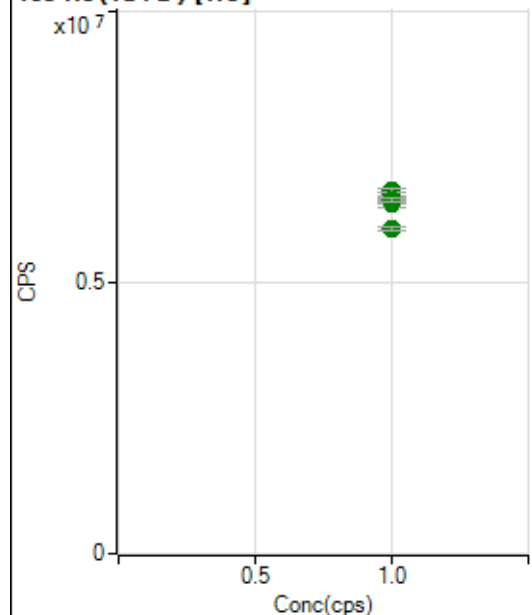
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	1.000		10834084.84		A	0.4
2	<input type="checkbox"/>	1.000		11004135.53		A	1.4
3	<input type="checkbox"/>	1.000		10913473.73		A	0.1
4	<input type="checkbox"/>	1.000		10787505.12		A	0.2
5	<input type="checkbox"/>	1.000		10642596.93		A	1.1
6	<input type="checkbox"/>	1.000		10644130.33		A	1.2
7	<input type="checkbox"/>	1.000		10690277.97		A	1.7
8	<input type="checkbox"/>	1.000		9695991.94		A	2.0

159 Tb (ISTD) [He]

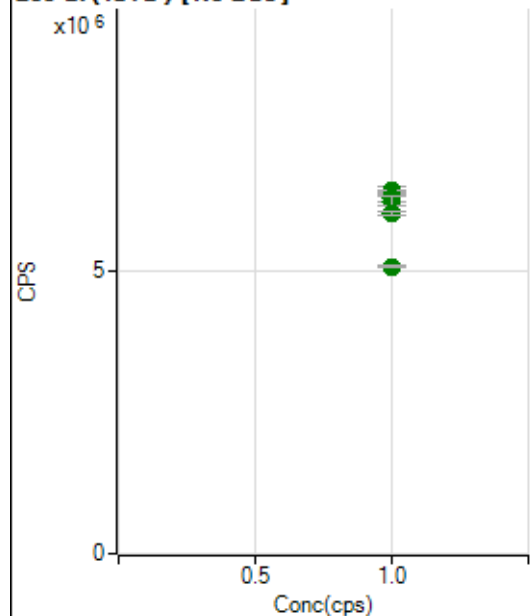
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		6580011.43		A	0.4
2	<input type="checkbox"/>	1.000		6690464.14		A	1.6
3	<input type="checkbox"/>	1.000		6541487.40		A	0.7
4	<input type="checkbox"/>	1.000		6475936.92		A	0.6
5	<input type="checkbox"/>	1.000		6459406.85		A	1.5
6	<input type="checkbox"/>	1.000		6473771.22		A	1.0
7	<input type="checkbox"/>	1.000		6492579.49		A	0.6
8	<input type="checkbox"/>	1.000		5977576.44		A	0.7

165 Ho (ISTD) [No Gas]

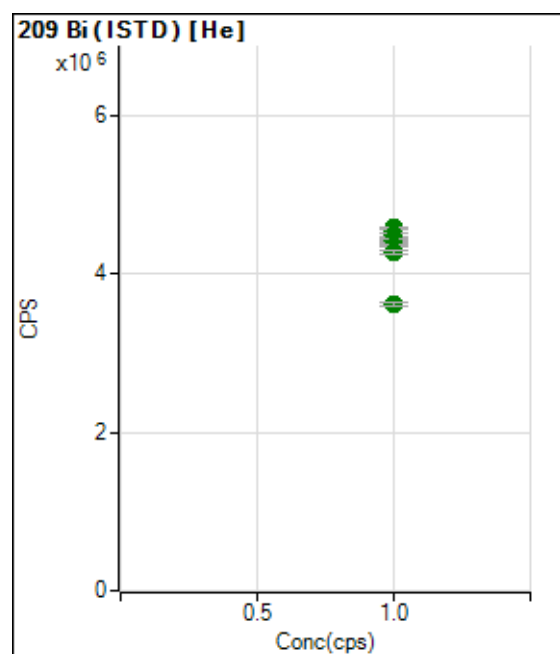
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		10561454.50		A	0.8
2	<input type="checkbox"/>	1.000		10708551.23		A	1.6
3	<input type="checkbox"/>	1.000		10517603.38		A	0.4
4	<input type="checkbox"/>	1.000		10430161.37		A	0.6
5	<input type="checkbox"/>	1.000		10351342.28		A	1.5
6	<input type="checkbox"/>	1.000		10365493.46		A	1.4
7	<input type="checkbox"/>	1.000		10275967.21		A	0.7
8	<input type="checkbox"/>	1.000		9479362.50		A	1.8

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		6638035.18		A	1.2
2	<input type="checkbox"/>	1.000		6688876.22		A	1.1
3	<input type="checkbox"/>	1.000		6528276.71		A	0.5
4	<input type="checkbox"/>	1.000		6437816.50		A	1.5
5	<input type="checkbox"/>	1.000		6505318.58		A	1.2
6	<input type="checkbox"/>	1.000		6518313.10		A	0.6
7	<input type="checkbox"/>	1.000		6522932.82		A	0.6
8	<input type="checkbox"/>	1.000		6006929.08		A	1.2

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		6410040.46		A	1.1
2	<input type="checkbox"/>	1.000		6431116.08		A	2.5
3	<input type="checkbox"/>	1.000		6390955.81		A	0.4
4	<input type="checkbox"/>	1.000		6435694.62		A	0.2
5	<input type="checkbox"/>	1.000		6295914.28		A	1.9
6	<input type="checkbox"/>	1.000		6258882.82		A	2.8
7	<input type="checkbox"/>	1.000		6051172.06		A	1.1
8	<input type="checkbox"/>	1.000		5098815.03		A	0.9



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	1.000		4542045.45		A	1.2
2	<input type="checkbox"/>	1.000		4587450.42		A	0.7
3	<input type="checkbox"/>	1.000		4494968.79		A	0.8
4	<input type="checkbox"/>	1.000		4454690.59		A	1.0
5	<input type="checkbox"/>	1.000		4429778.62		A	0.9
6	<input type="checkbox"/>	1.000		4360835.39		A	0.6
7	<input type="checkbox"/>	1.000		4288846.74		A	1.2
8	<input type="checkbox"/>	1.000		3624146.09		A	1.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7121923-MS.b

Acq. Date-Time 2023-12-19 10:42:26

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		16179	161791.20			1.126	5.000
24		78358	783582.74			2.008	5.000
25		10292	102923.17			1.613	5.000
26		11781	117806.86			1.756	5.000
59		87544	875444.74			1.480	5.000
113		12581	125806.50			1.312	5.000
115		150381	1503810.27			1.781	5.000
206		33349	333486.43			1.862	5.000
207		29711	297107.17			1.717	5.000
208		71245	712451.04			1.632	5.000
220		0	1.90			53.931	

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

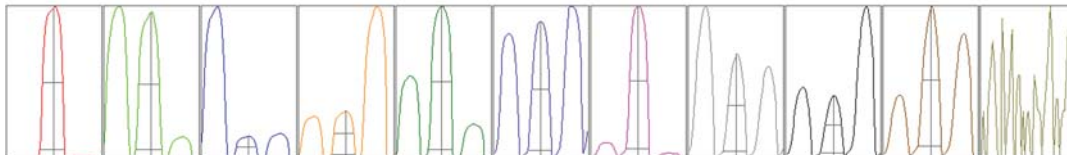
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15858	16211	16275	16299	16251
24	75587	79251	78742	78818	79392
25	10005	10351	10325	10347	10434
26	11414	11836	11907	11860	11887
59	85231	88250	88115	88027	88100
113	12307	12676	12738	12604	12577
115	146126	153422	150263	151510	150584
206	32301	33906	33645	33565	33326
207	28861	30111	30090	29828	29664
208	69280	72128	72102	71419	71297

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	26284.38	9.00	8.90 - 9.10	
24	126566.83	24.00	23.90 - 24.10	
25	17115.98	25.00	24.90 - 25.10	
26	19468.38	26.00	25.90 - 26.10	
59	143795.16	58.95	58.90 - 59.10	
113	23469.90	113.00	112.90 - 113.10	
115	273863.73	115.00	114.90 - 115.10	
206	65483.12	206.05	205.90 - 206.10	
207	58011.23	207.05	206.90 - 207.10	
208	139982.91	208.05	207.90 - 208.10	
220	0.00	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.781	0.900	
24	0.65	0.826	0.900	
25	0.63	0.744	0.900	
26	0.63	0.745	0.900	
59	0.63	0.774	0.900	
113	0.54	0.746	0.900	
115	0.56	0.737	0.900	
206	0.52	0.748	0.900	
207	0.51	0.754	0.900	
208	0.52	0.753	0.900	
220	0.28	0.275		

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	9.0 V	Deflect	14.8 V
Extract 2	-120.0 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	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27334	273337.60			0.310	
89		38162	381617.07			0.200	
205		33858	338578.55			0.646	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	27409	27326	27229	27277	27427
89	38200	38198	38029	38217	38165
205	34134	33689	33717	33692	34057

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	9.2 V	Deflect	2.0 V
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US EPA Tune Check Report

Extract 2	-115.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-65 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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