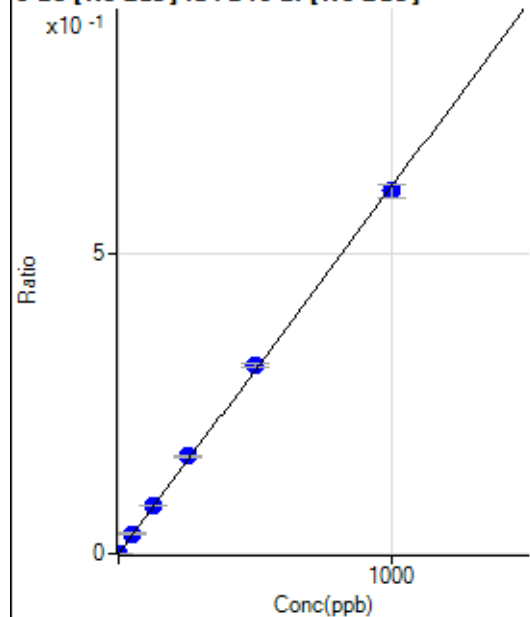


Calibration for 010CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7051823 MS.b\
 Analysis File: P7051823 MS.batch.bin
 DA Date-Time: 2023-05-19 02:23:30
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-05-18 12:06:27
2	005CAL.S.d	S02	2023-05-18 12:09:42
3	006CAL.S.d	S03	2023-05-18 12:12:58
4	007CAL.S.d	S04	2023-05-18 12:16:05
5	008CAL.S.d	S05	2023-05-18 12:19:07
6	009CAL.S.d	S06	2023-05-18 12:22:01
7	010CAL.S.d	S07	2023-05-18 12:24:51
8	011CAL.S.d	S08	2023-05-18 12:27:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	28.89	0.0000	P	28.4
2	<input type="checkbox"/>	1.000	1.100	647.80	0.0007	P	3.6
3	<input type="checkbox"/>	50.000	54.768	31305.95	0.0335	P	1.8
4	<input type="checkbox"/>	125.000	131.863	76795.14	0.0807	P	0.8
5	<input type="checkbox"/>	250.000	265.181	147911.00	0.1623	P	2.2
6	<input type="checkbox"/>	500.000	513.174	279469.19	0.3140	P	1.1
7	<input type="checkbox"/>	1000.000	988.522	537000.25	0.6047	P	3.4
8	<input type="checkbox"/>			358.90	0.0005	P	30.6

$$y = 6.1174\text{E-}004 * x + 3.0397\text{E-}005$$

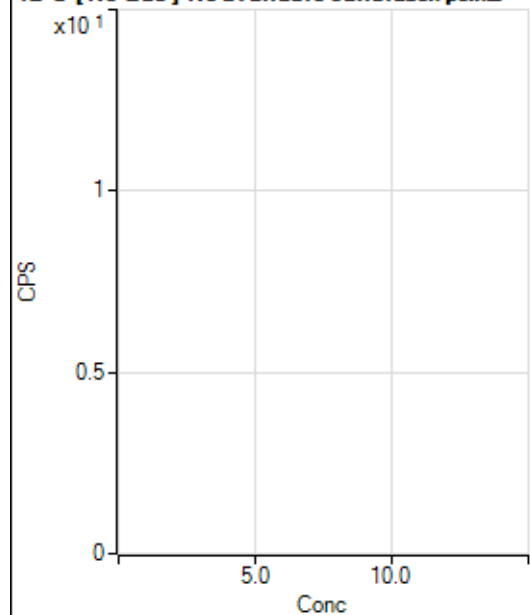
$$R = 0.9997$$

$$DL = 0.04231$$

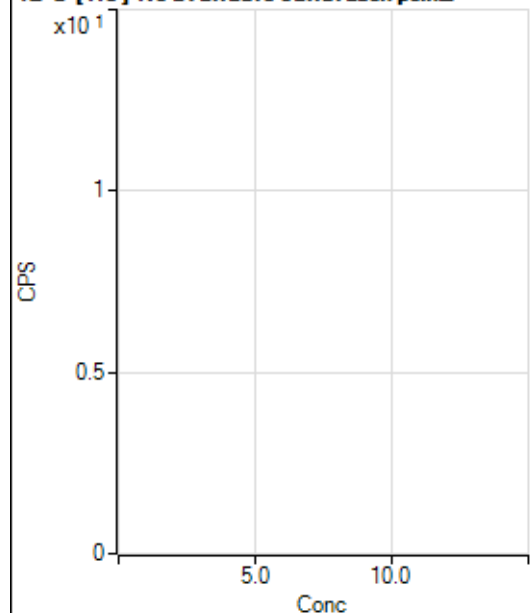
$$BEC = 0.04969$$

Weight: <None>

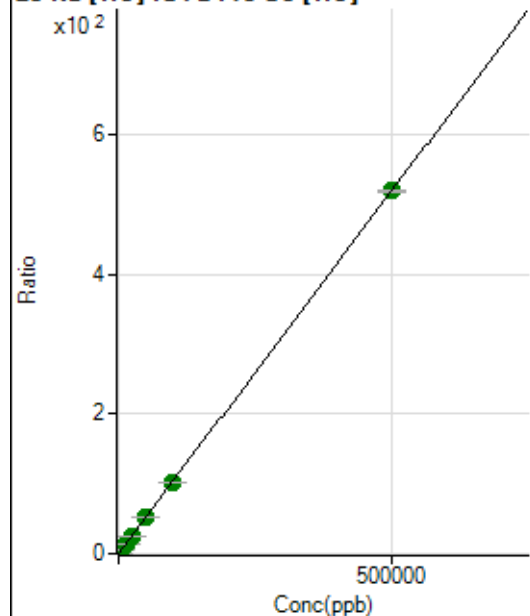
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	3793.83	0.0156	P	2.1
2	<input type="checkbox"/>	500.000	485.681	125326.72	0.5200	P	0.8
3	<input type="checkbox"/>	5000.000	5039.045	1230484.58	5.2483	A	0.5
4	<input type="checkbox"/>	12500.000	12602.175	2984502.49	13.1021	A	0.9
5	<input type="checkbox"/>	25000.000	25021.441	5828866.72	25.9986	A	1.2
6	<input type="checkbox"/>	50000.000	50620.495	11510122.74	52.5814	A	0.8
7	<input type="checkbox"/>	100000.00	98528.683	22491569.11	102.3306	A	1.3
8	<input type="checkbox"/>	500000.00	500228.21	102244142.9	519.4669	A	0.5

$$y = 0.0010 * x + 0.0156$$

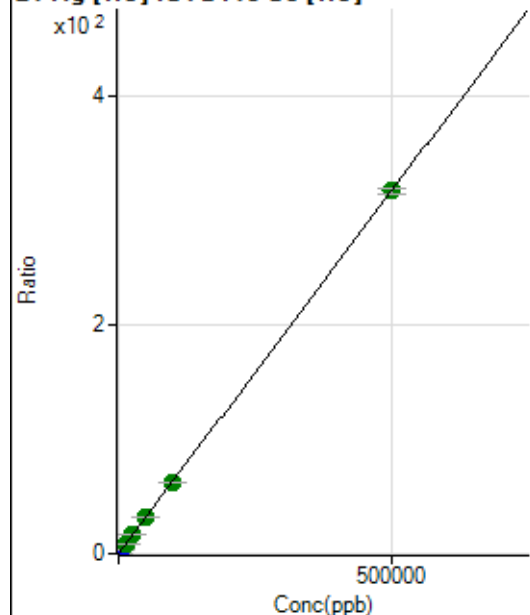
$$R = 1.0000$$

$$DL = 0.959$$

$$BEC = 15.05$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	376.68	0.0016	P	4.1
2	<input type="checkbox"/>	500.000	491.461	75582.14	0.3136	P	1.1
3	<input type="checkbox"/>	5000.000	5232.335	779230.57	3.3236	P	0.4
4	<input type="checkbox"/>	12500.000	12967.946	1875849.94	8.2350	A	1.1
5	<input type="checkbox"/>	25000.000	25711.577	3660287.93	16.3260	A	1.2
6	<input type="checkbox"/>	50000.000	51538.287	7163300.80	32.7236	A	0.5
7	<input type="checkbox"/>	100000.00	98617.270	13762804.52	62.6143	A	0.2
8	<input type="checkbox"/>	500000.00	500073.12	62486278.52	317.5015	A	1.7

$$y = 6.3491\text{E-}004 * x + 0.0016$$

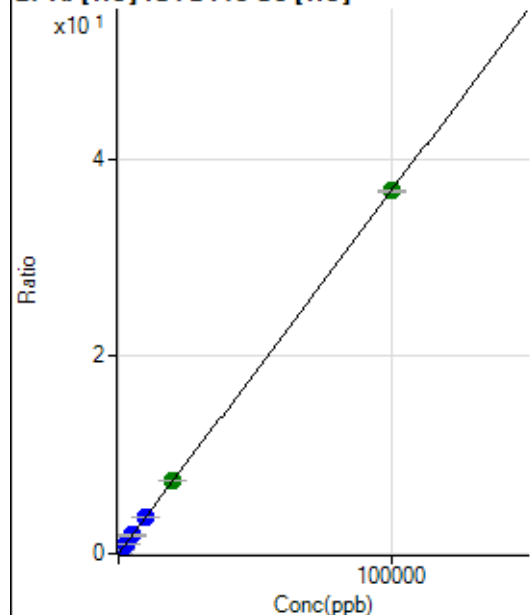
$$R = 1.0000$$

$$DL = 0.3032$$

$$BEC = 2.443$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	60.00	0.0002	P	24.7
2	<input type="checkbox"/>	20.000	20.403	1870.13	0.0078	P	5.8
3	<input type="checkbox"/>	1000.000	1067.190	92156.42	0.3931	P	0.6
4	<input type="checkbox"/>	2500.000	2554.214	214218.89	0.9404	P	1.2
5	<input type="checkbox"/>	5000.000	5033.173	415424.66	1.8529	P	0.6
6	<input type="checkbox"/>	10000.000	10244.357	825512.14	3.7711	P	0.4
7	<input type="checkbox"/>	20000.000	20046.984	1621882.18	7.3793	A	1.3
8	<input type="checkbox"/>	100000.00	99962.482	7242183.85	36.7955	A	0.6

$$y = 3.6809\text{E-}004 * x + 2.4729\text{E-}004$$

$$R = 1.0000$$

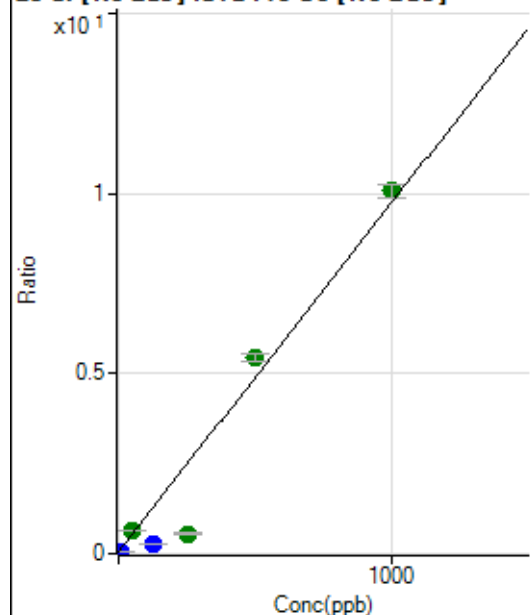
$$DL = 0.4976$$

$$BEC = 0.6718$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	143115.53	0.0524	P	0.6
2	<input type="checkbox"/>	10.000	0.870	163331.13	0.0608	P	0.1
3	<input type="checkbox"/>	50.000	58.686	1649819.47	0.6213	A	0.4
4	<input type="checkbox"/>	125.000	22.617	716143.48	0.2717	P	13.2
5	<input type="checkbox"/>	250.000	50.383	1335627.08	0.5408	A	9.9
6	<input type="checkbox"/>	500.000	556.174	13264028.83	5.4445	A	3.3
7	<input type="checkbox"/>	1000.000	1034.272	25390767.12	10.0797	A	3.4
8	<input type="checkbox"/>			566366.98	0.2485	P	5.5

$$y = 0.0097 * x + 0.0524$$

$$R = 0.9768$$

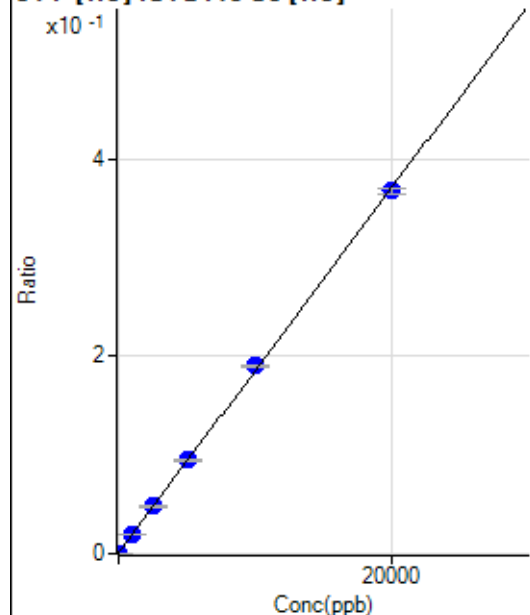
$$DL = 0.09147$$

$$BEC = 5.403$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-9.574	138.89	0.0006	P	13.1
2	<input type="checkbox"/>	0.000	9.574	223.34	0.0009	P	3.8
3	<input type="checkbox"/>	1000.000	1028.579	4639.64	0.0198	P	2.8
4	<input type="checkbox"/>	2500.000	2558.810	10959.58	0.0481	P	2.8
5	<input type="checkbox"/>	5000.000	5093.278	21306.02	0.0950	P	2.1
6	<input type="checkbox"/>	10000.000	10244.223	41675.51	0.1904	P	1.4
7	<input type="checkbox"/>	20000.000	19845.789	80909.04	0.3681	P	1.5
8	<input type="checkbox"/>			145.56	0.0007	P	3.6

$$y = 1.8511E-005 * x + 7.4920E-004$$

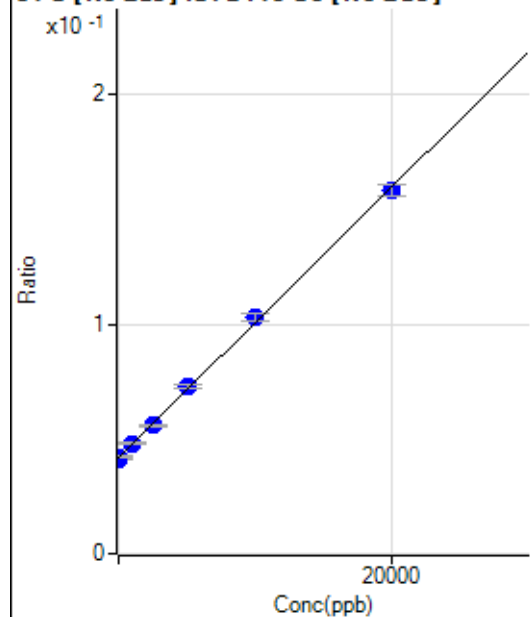
$$R = 0.9999$$

$$DL = 8.938$$

$$BEC = 40.47$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-113.051	111670.58	0.0409	P	0.8
2	<input type="checkbox"/>	0.000	113.051	113359.53	0.0422	P	1.0
3	<input type="checkbox"/>	1000.000	1109.468	127733.70	0.0481	P	0.5
4	<input type="checkbox"/>	2500.000	2455.369	148115.19	0.0561	P	1.6
5	<input type="checkbox"/>	5000.000	5344.653	180396.17	0.0732	P	2.1
6	<input type="checkbox"/>	10000.000	10418.941	251433.51	0.1032	P	2.6
7	<input type="checkbox"/>	20000.000	19704.471	398359.33	0.1581	P	3.3
8	<input type="checkbox"/>			95124.78	0.0419	P	9.1

$$y = 5.9173\text{E-}006 * x + 0.0415$$

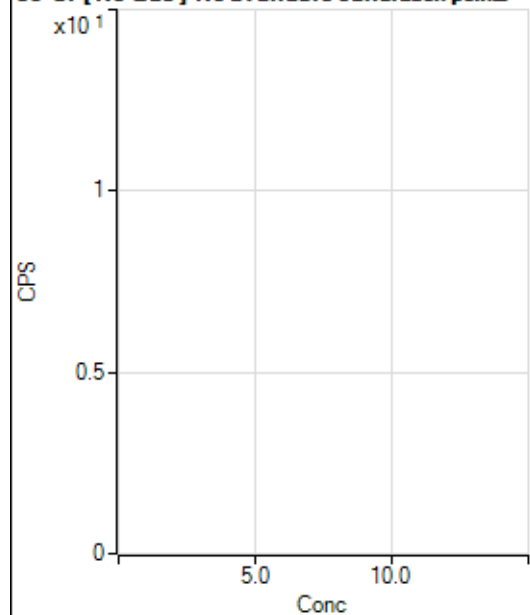
$$R = 0.9994$$

$$DL = 188.2$$

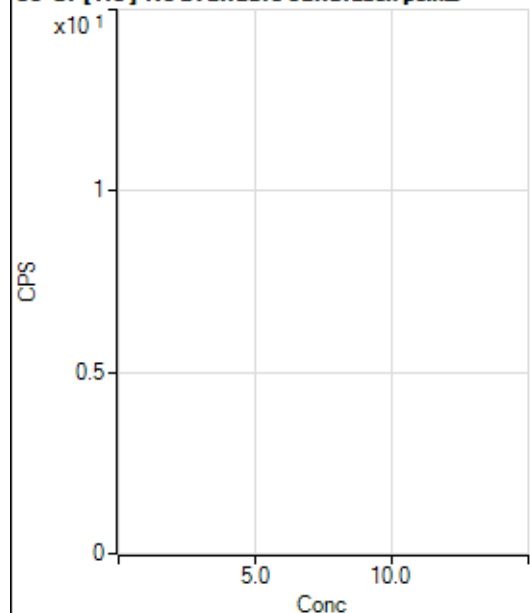
$$BEC = 7020$$

Weight: <None>

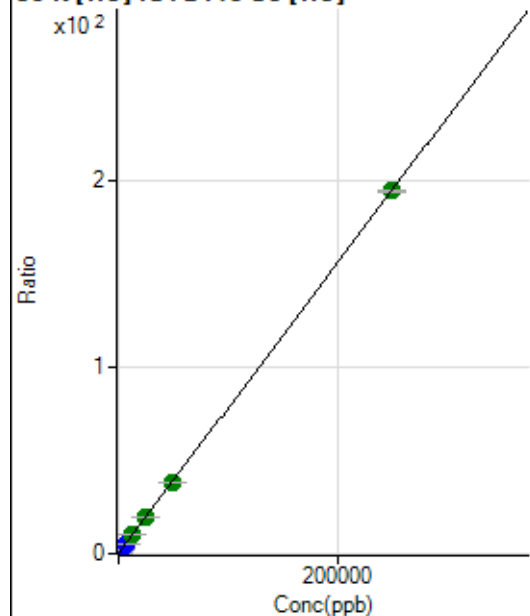
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	36130.62	0.1488	P	1.3
2	<input type="checkbox"/>	500.000	508.732	131163.12	0.5442	P	1.0
3	<input type="checkbox"/>	2500.000	2682.630	523690.54	2.2337	P	0.8
4	<input type="checkbox"/>	6250.000	6679.156	1216323.00	5.3397	P	1.1
5	<input type="checkbox"/>	12500.000	12485.616	2208945.99	9.8524	A	1.0
6	<input type="checkbox"/>	25000.000	25331.471	4342223.24	19.8359	A	0.7
7	<input type="checkbox"/>	50000.000	49332.260	8459924.04	38.4888	A	0.5
8	<input type="checkbox"/>	250000.00	250088.54	38284648.60	194.5123	A	0.6

$$y = 7.7718\text{E-}004 * x + 0.1488$$

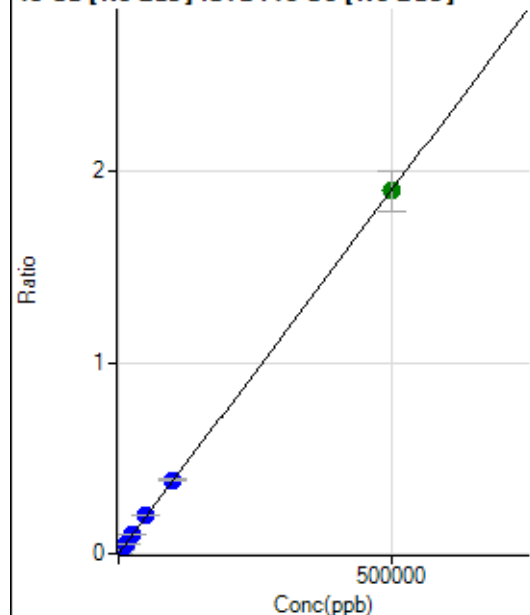
$$R = 1.0000$$

$$DL = 7.259$$

$$BEC = 191.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	68.83	0.0000	P	27.7
2	<input type="checkbox"/>	500.000	519.160	5373.82	0.0020	P	1.9
3	<input type="checkbox"/>	5000.000	5353.750	54160.34	0.0204	P	1.3
4	<input type="checkbox"/>	12500.000	13014.815	130881.99	0.0496	P	2.2
5	<input type="checkbox"/>	25000.000	26842.998	251914.18	0.1022	P	2.1
6	<input type="checkbox"/>	50000.000	52859.171	490133.91	0.2012	P	3.1
7	<input type="checkbox"/>	100000.00	101344.41	971532.84	0.3857	P	3.5
8	<input type="checkbox"/>	500000.00	499336.62	4303007.54	1.9002	A	11.2

$$y = 3.8054\text{E-}006 * x + 2.5241\text{E-}005$$

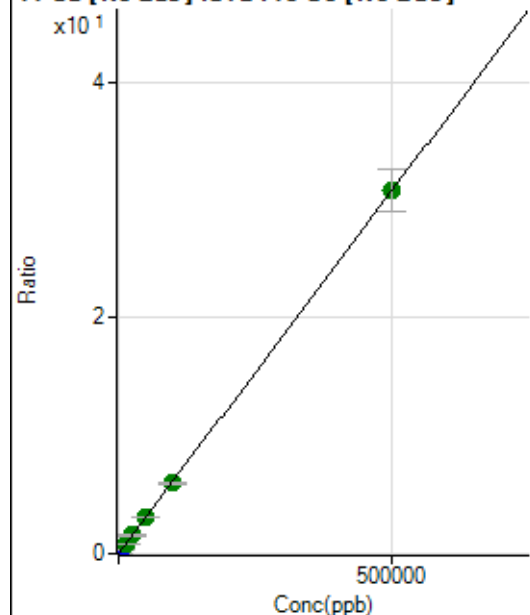
$$R = 1.0000$$

$$DL = 5.503$$

$$BEC = 6.633$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	4190.12	0.0015	P	2.4
2	<input type="checkbox"/>	500.000	520.737	90080.68	0.0335	P	0.7
3	<input type="checkbox"/>	5000.000	5339.820	875555.96	0.3298	P	0.8
4	<input type="checkbox"/>	12500.000	12310.223	2002859.47	0.7582	A	1.6
5	<input type="checkbox"/>	25000.000	25197.487	3821950.43	1.5503	A	3.0
6	<input type="checkbox"/>	50000.000	50110.314	7507319.80	3.0817	A	3.5
7	<input type="checkbox"/>	100000.00	97077.580	15035916.92	5.9686	A	3.2
8	<input type="checkbox"/>	500000.00	500564.90	69645357.56	30.7698	A	11.8

$$y = 6.1467\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

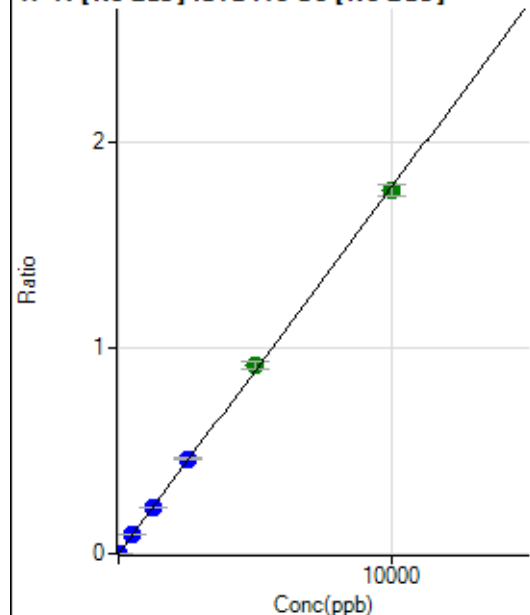
$$DL = 1.768$$

$$BEC = 24.95$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	48.89	0.0000	P	24.8
2	<input type="checkbox"/>	5.000	4.899	2385.77	0.0009	P	1.9
3	<input type="checkbox"/>	500.000	513.097	242112.41	0.0912	P	0.6
4	<input type="checkbox"/>	1250.000	1250.864	587073.48	0.2223	P	2.3
5	<input type="checkbox"/>	2500.000	2596.017	1137333.02	0.4613	P	1.8
6	<input type="checkbox"/>	5000.000	5139.066	2224446.82	0.9131	A	4.0
7	<input type="checkbox"/>	10000.000	9905.700	4433748.02	1.7601	A	3.3
8	<input type="checkbox"/>			1230.06	0.0006	P	39.2

$$y = 1.7768\text{E-}004 * x + 1.7865\text{E-}005$$

$$R = 0.9998$$

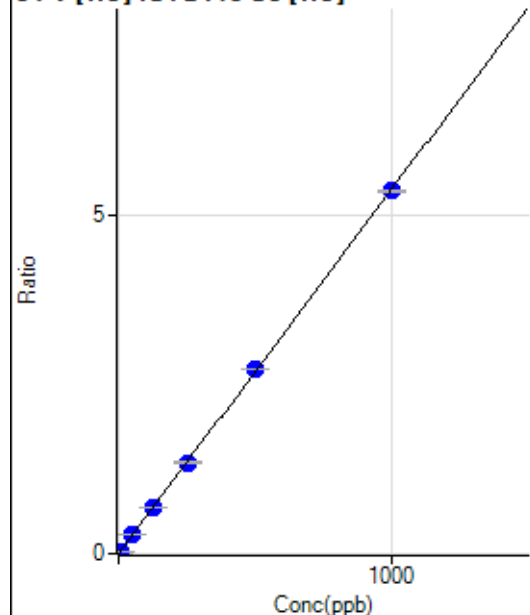
$$DL = 0.07474$$

$$BEC = 0.1005$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	4.44	0.0000	P	114.
2	<input type="checkbox"/>	5.000	4.922	6389.19	0.0265	P	2.7
3	<input type="checkbox"/>	50.000	50.658	63924.52	0.2727	P	1.3
4	<input type="checkbox"/>	125.000	125.204	153505.72	0.6739	P	1.2
5	<input type="checkbox"/>	250.000	250.634	302432.11	1.3489	P	0.5
6	<input type="checkbox"/>	500.000	507.065	597392.95	2.7290	P	0.5
7	<input type="checkbox"/>	1000.000	996.251	1178497.14	5.3618	P	0.9
8	<input type="checkbox"/>			434.45	0.0022	P	17.5

$$y = 0.0054 * x + 1.8351\text{E-}005$$

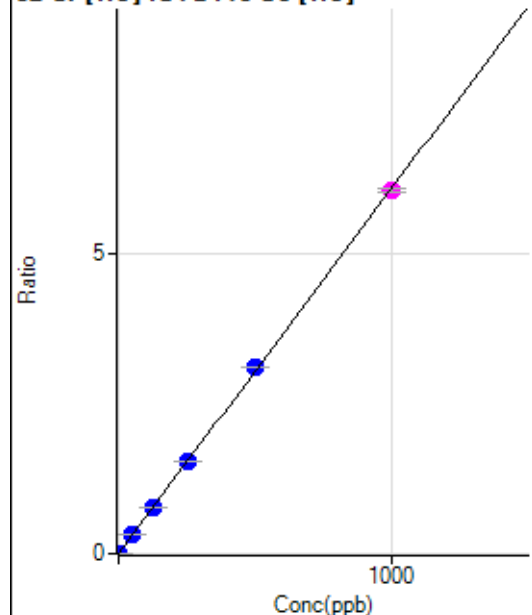
$$R = 1.0000$$

$$DL = 0.01175$$

$$BEC = 0.00341$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	586.68	0.0024	P	4.1
2	<input type="checkbox"/>	2.000	2.066	3616.02	0.0150	P	1.8
3	<input type="checkbox"/>	50.000	51.608	74290.75	0.3169	P	0.1
4	<input type="checkbox"/>	125.000	126.818	176564.17	0.7751	P	0.7
5	<input type="checkbox"/>	250.000	253.021	346185.12	1.5441	P	0.7
6	<input type="checkbox"/>	500.000	510.675	681667.03	3.1140	P	0.7
7	<input type="checkbox"/>	1000.000	993.599	1331142.70	6.0565	M	1.2
8	<input type="checkbox"/>			9824.39	0.0499	P	0.4

$$y = 0.0061 * x + 0.0024$$

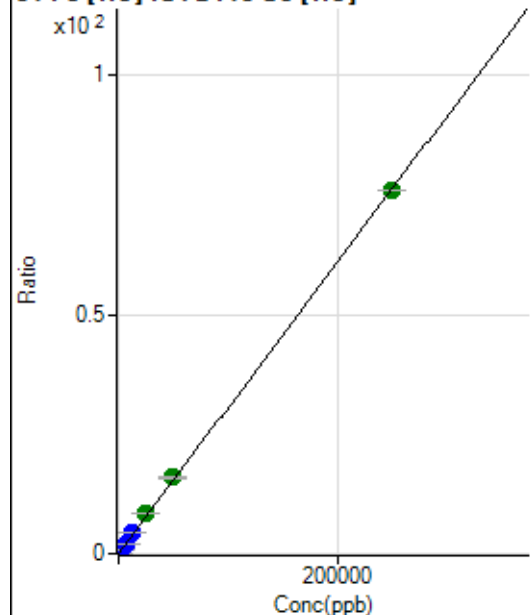
$$R = 0.9999$$

$$DL = 0.04884$$

$$BEC = 0.3966$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	1184.51	0.0049	P	4.8
2	<input type="checkbox"/>	50.000	55.393	5236.51	0.0217	P	1.7
3	<input type="checkbox"/>	2500.000	2854.232	204647.07	0.8729	P	1.0
4	<input type="checkbox"/>	6250.000	7035.135	488462.02	2.1443	P	0.6
5	<input type="checkbox"/>	12500.000	13934.249	951158.17	4.2424	P	0.9
6	<input type="checkbox"/>	25000.000	27141.530	1807903.22	8.2589	A	0.5
7	<input type="checkbox"/>	50000.000	52415.848	3504502.14	15.9451	A	1.4
8	<input type="checkbox"/>	250000.00	249207.79	14918268.39	75.7918	A	0.1

$$y = 3.0411E-004 * x + 0.0049$$

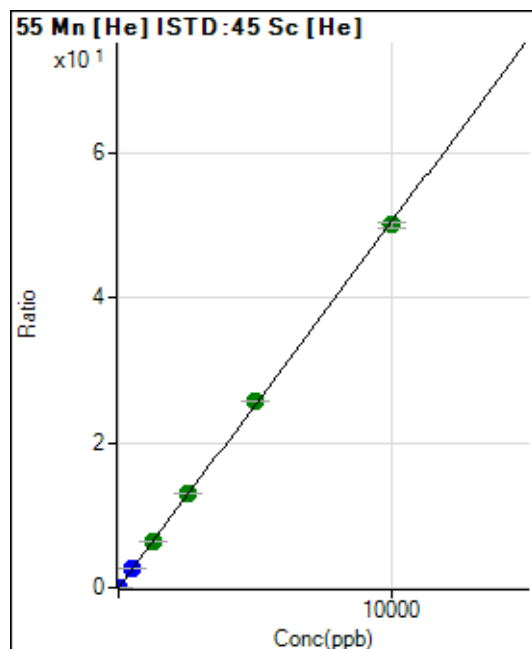
$$R = 0.9999$$

$$DL = 2.307$$

$$BEC = 16.04$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	137.78	0.0006	P	10.5
2	<input type="checkbox"/>	1.000	1.020	1376.74	0.0057	P	10.2
3	<input type="checkbox"/>	500.000	520.884	616201.77	2.6283	P	0.6
4	<input type="checkbox"/>	1250.000	1272.287	1462178.14	6.4188	A	0.9
5	<input type="checkbox"/>	2500.000	2570.128	2907024.26	12.9660	A	1.1
6	<input type="checkbox"/>	5000.000	5116.589	5650368.80	25.8121	A	0.4
7	<input type="checkbox"/>	10000.000	9920.344	10999343.73	50.0455	A	1.3
8	<input type="checkbox"/>			5911.47	0.0300	P	11.2

$$y = 0.0050 * x + 5.6762E-004$$

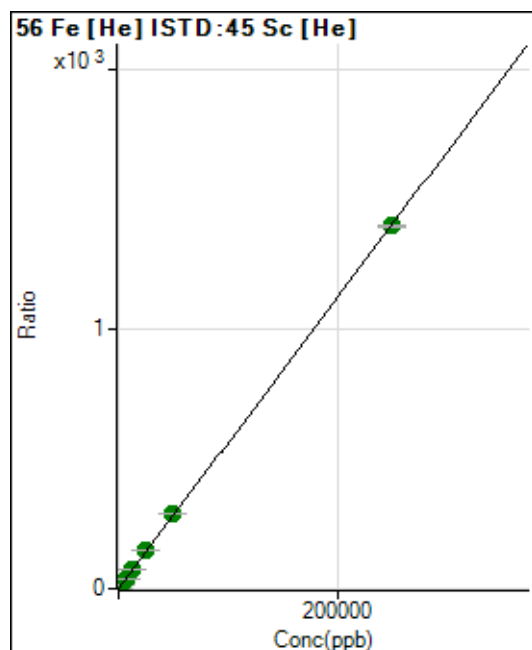
$$R = 0.9999$$

$$DL = 0.03537$$

$$BEC = 0.1125$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	9857.74	0.0406	P	2.6
2	<input type="checkbox"/>	50.000	52.513	80780.70	0.3351	P	0.8
3	<input type="checkbox"/>	2500.000	2725.463	3593400.16	15.3271	A	1.6
4	<input type="checkbox"/>	6250.000	6619.669	8466770.15	37.1688	A	0.7
5	<input type="checkbox"/>	12500.000	13195.654	16602561.14	74.0520	A	0.9
6	<input type="checkbox"/>	25000.000	26332.773	32339606.18	147.7352	A	0.4
7	<input type="checkbox"/>	50000.000	51232.015	63166915.17	287.3894	A	0.6
8	<input type="checkbox"/>	250000.00	249574.04	275526204.7	1,399.844	A	0.5

$$y = 0.0056 * x + 0.0406$$

$$R = 1.0000$$

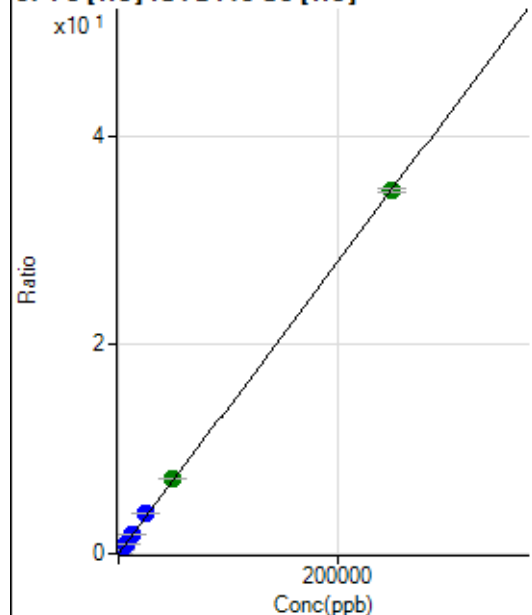
$$DL = 0.5601$$

$$BEC = 7.239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	304.45	0.0013	P	8.1
2	<input type="checkbox"/>	50.000	53.679	2102.39	0.0087	P	2.6
3	<input type="checkbox"/>	2500.000	2790.540	91327.35	0.3895	P	0.6
4	<input type="checkbox"/>	6250.000	6897.289	218896.80	0.9610	P	0.5
5	<input type="checkbox"/>	12500.000	13635.310	425644.40	1.8985	P	0.8
6	<input type="checkbox"/>	25000.000	27289.035	831462.51	3.7983	P	0.1
7	<input type="checkbox"/>	50000.000	51401.138	1572256.82	7.1533	A	0.7
8	<input type="checkbox"/>	250000.00	249415.01	6830576.15	34.7053	A	0.9

$$y = 1.3914\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

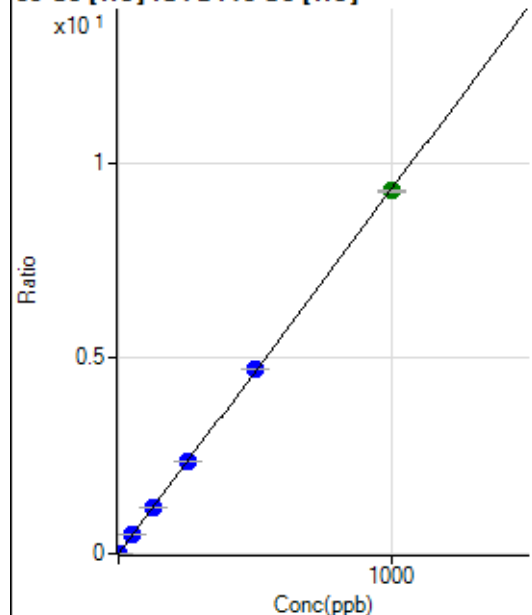
$$DL = 2.182$$

$$BEC = 9.012$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	27.78	0.0001	P	28.2
2	<input type="checkbox"/>	1.000	1.043	2369.10	0.0098	P	2.1
3	<input type="checkbox"/>	50.000	54.583	119283.48	0.5088	P	0.8
4	<input type="checkbox"/>	125.000	127.530	270743.73	1.1886	P	0.8
5	<input type="checkbox"/>	250.000	252.816	528249.86	2.3561	P	0.5
6	<input type="checkbox"/>	500.000	506.227	1032715.77	4.7177	P	0.2
7	<input type="checkbox"/>	1000.000	995.637	2039445.41	9.2785	A	0.5
8	<input type="checkbox"/>			2310.22	0.0117	P	11.0

$$y = 0.0093 * x + 1.1449\text{E-}004$$

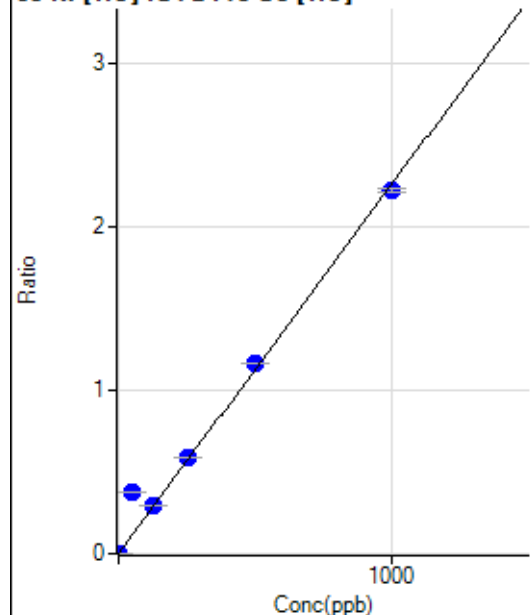
$$R = 1.0000$$

$$DL = 0.01039$$

$$BEC = 0.01229$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	88.89	0.0004	P	20.3
2	<input type="checkbox"/>	1.000	1.148	713.36	0.0030	P	8.8
3	<input type="checkbox"/>	50.000	168.708	89401.97	0.3813	P	0.1
4	<input type="checkbox"/>	125.000	131.946	67953.99	0.2983	P	0.7
5	<input type="checkbox"/>	250.000	259.813	131613.44	0.5870	P	0.8
6	<input type="checkbox"/>	500.000	514.880	254580.84	1.1630	P	0.5
7	<input type="checkbox"/>	1000.000	983.303	488090.19	2.2207	P	1.1
8	<input type="checkbox"/>			1605.66	0.0082	P	8.2

$$y = 0.0023 * x + 3.6589E-004$$

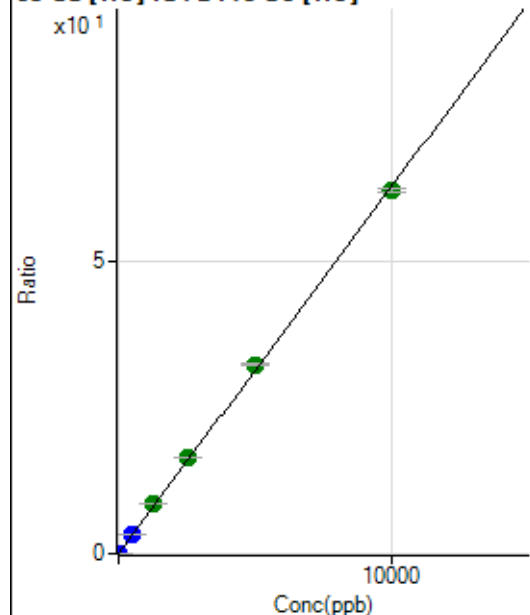
$$R = 0.9929$$

$$DL = 0.09847$$

$$BEC = 0.162$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	672.25	0.0028	P	10.4
2	<input type="checkbox"/>	2.000	2.127	3893.88	0.0162	P	1.8
3	<input type="checkbox"/>	500.000	544.339	804006.99	3.4293	P	0.5
4	<input type="checkbox"/>	1250.000	1340.553	1922896.76	8.4413	A	0.4
5	<input type="checkbox"/>	2500.000	2618.782	3696542.20	16.4875	A	0.6
6	<input type="checkbox"/>	5000.000	5146.811	7092613.23	32.4009	A	0.8
7	<input type="checkbox"/>	10000.000	9883.363	13674813.96	62.2165	A	1.2
8	<input type="checkbox"/>			3254.34	0.0165	P	31.5

$$y = 0.0063 * x + 0.0028$$

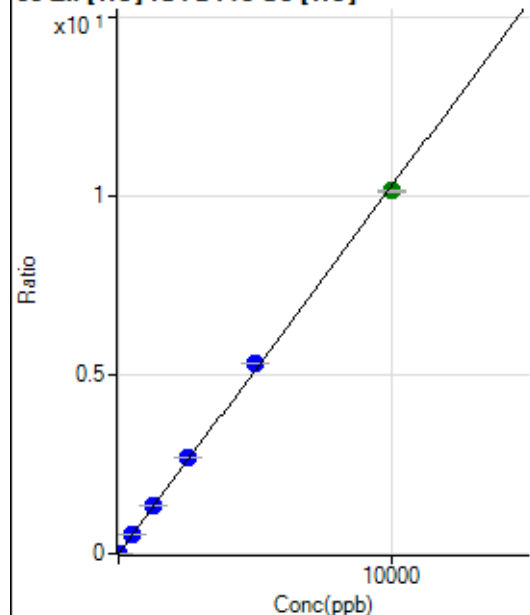
$$R = 0.9997$$

$$DL = 0.137$$

$$BEC = 0.4398$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	133.34	0.0005	P	13.7
2	<input type="checkbox"/>	2.000	2.040	636.68	0.0026	P	4.5
3	<input type="checkbox"/>	500.000	537.728	129435.63	0.5521	P	0.2
4	<input type="checkbox"/>	1250.000	1320.581	308660.79	1.3550	P	0.5
5	<input type="checkbox"/>	2500.000	2620.327	602676.09	2.6881	P	0.4
6	<input type="checkbox"/>	5000.000	5162.592	1159222.24	5.2956	P	0.2
7	<input type="checkbox"/>	10000.000	9877.913	2226953.68	10.1318	A	0.5
8	<input type="checkbox"/>			7755.43	0.0394	P	1.0

$$y = 0.0010 * x + 5.4935E-004$$

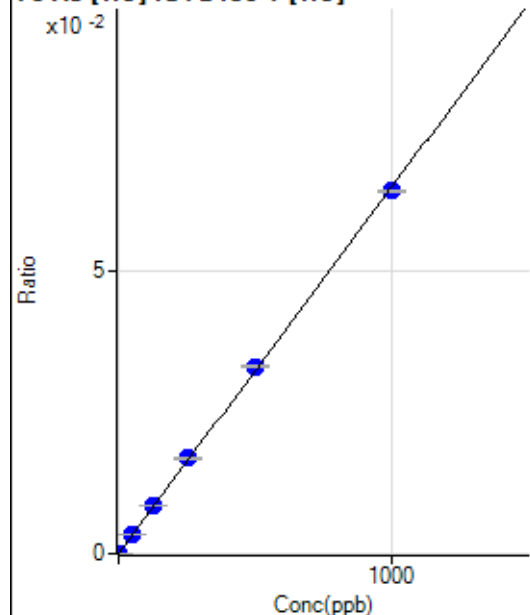
$$R = 0.9997$$

$$DL = 0.2194$$

$$BEC = 0.5356$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	4.44	0.0000	P	44.3
2	<input type="checkbox"/>	1.000	1.189	202.22	0.0001	P	10.9
3	<input type="checkbox"/>	50.000	53.260	8494.73	0.0034	P	1.2
4	<input type="checkbox"/>	125.000	133.039	20643.29	0.0086	P	0.1
5	<input type="checkbox"/>	250.000	260.463	40216.60	0.0169	P	1.2
6	<input type="checkbox"/>	500.000	511.265	78557.30	0.0331	P	0.9
7	<input type="checkbox"/>	1000.000	990.584	153774.51	0.0641	P	0.8
8	<input type="checkbox"/>			52.22	0.0000	P	20.3

$$y = 6.4726E-005 * x + 1.7388E-006$$

$$R = 0.9998$$

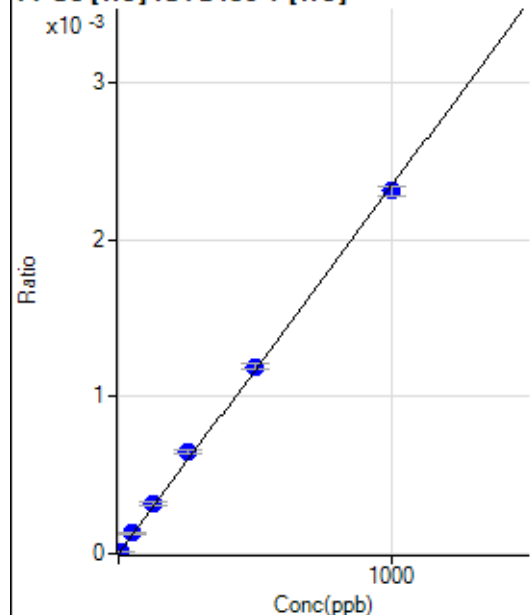
$$DL = 0.0357$$

$$BEC = 0.02686$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	5.000	4.071	24.45	0.0000	P	16.9
3	<input type="checkbox"/>	50.000	56.724	326.67	0.0001	P	9.2
4	<input type="checkbox"/>	125.000	135.624	760.02	0.0003	P	6.5
5	<input type="checkbox"/>	250.000	277.167	1545.65	0.0006	P	3.4
6	<input type="checkbox"/>	500.000	509.098	2825.86	0.0012	P	3.1
7	<input type="checkbox"/>	1000.000	987.000	5534.41	0.0023	P	2.7
8	<input type="checkbox"/>			1.11	0.0000	P	173.

$$y = 2.3383\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

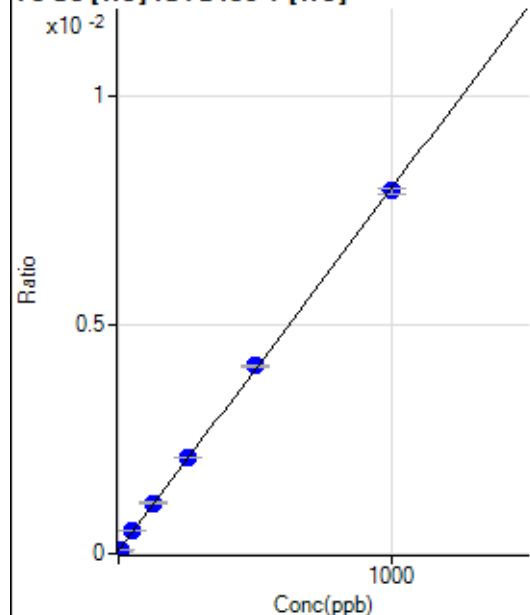
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	167.78	0.0001	P	8.7
2	<input type="checkbox"/>	5.000	3.510	240.01	0.0001	P	4.8
3	<input type="checkbox"/>	50.000	53.374	1203.39	0.0005	P	0.4
4	<input type="checkbox"/>	125.000	131.444	2654.70	0.0011	P	2.1
5	<input type="checkbox"/>	250.000	255.990	4997.56	0.0021	P	0.6
6	<input type="checkbox"/>	500.000	509.301	9741.04	0.0041	P	1.5
7	<input type="checkbox"/>	1000.000	992.885	19036.77	0.0079	P	1.3
8	<input type="checkbox"/>			136.67	0.0001	P	5.1

$$y = 7.9286\text{E-}006 * x + 6.5461\text{E-}005$$

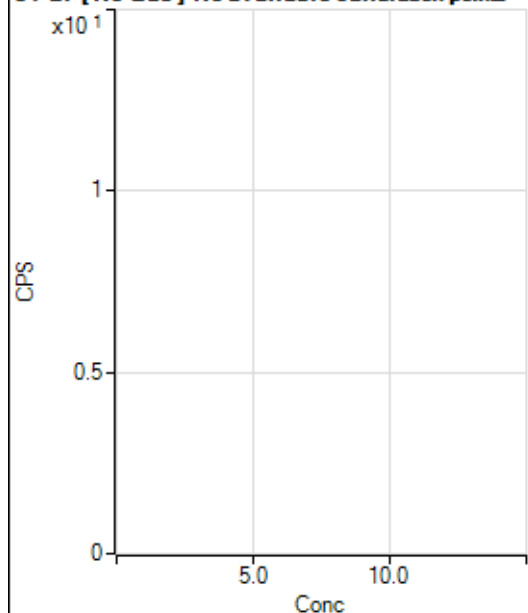
$$R = 0.9999$$

$$DL = 2.161$$

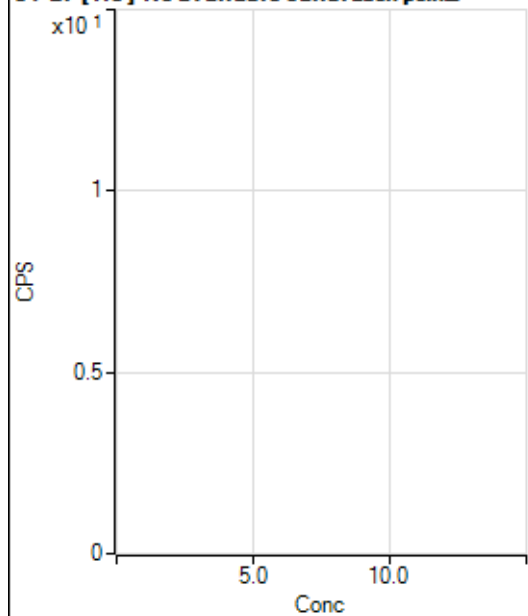
$$BEC = 8.256$$

Weight: <None>

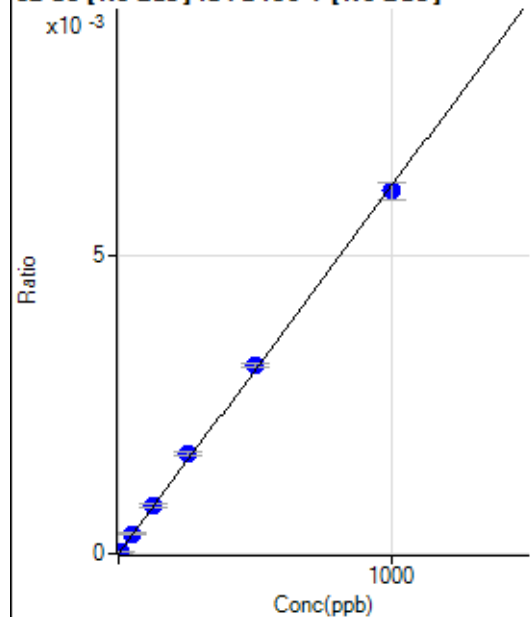
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			35021.56		P	0.6
2	<input type="checkbox"/>			35354.64		P	0.4
3	<input type="checkbox"/>			33877.90		P	1.4
4	<input type="checkbox"/>			32784.22		P	2.6
5	<input type="checkbox"/>			31362.25		P	1.7
6	<input type="checkbox"/>			31087.33		P	1.0
7	<input type="checkbox"/>			31085.07		P	0.7
8	<input type="checkbox"/>			29598.67		P	1.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			54.44		P	18.7
2	<input type="checkbox"/>			55.56		P	36.2
3	<input type="checkbox"/>			37.78		P	25.5
4	<input type="checkbox"/>			52.22		P	13.3
5	<input type="checkbox"/>			43.33		P	20.4
6	<input type="checkbox"/>			54.44		P	25.5
7	<input type="checkbox"/>			43.34		P	48.0
8	<input type="checkbox"/>			27.78		P	25.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7.40	0.0000	P	254.
2	<input type="checkbox"/>	5.000	5.875	380.87	0.0000	P	7.2
3	<input type="checkbox"/>	50.000	54.420	3423.59	0.0003	P	3.6
4	<input type="checkbox"/>	125.000	130.609	8311.15	0.0008	P	5.4
5	<input type="checkbox"/>	250.000	272.087	16157.31	0.0017	P	2.4
6	<input type="checkbox"/>	500.000	513.330	30947.79	0.0032	P	1.6
7	<input type="checkbox"/>	1000.000	986.887	61104.12	0.0061	P	4.7
8	<input type="checkbox"/>			167.33	0.0000	P	14.6

$$y = 6.1656\text{E-}006 * x + 7.1167\text{E-}007$$

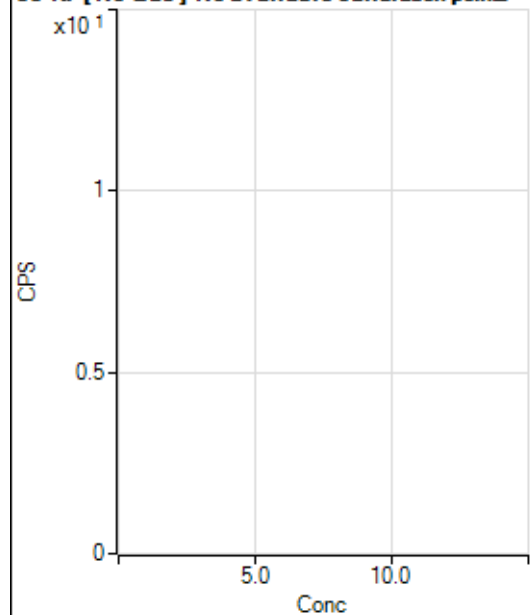
$$R = 0.9996$$

$$DL = 0.8799$$

$$BEC = 0.1154$$

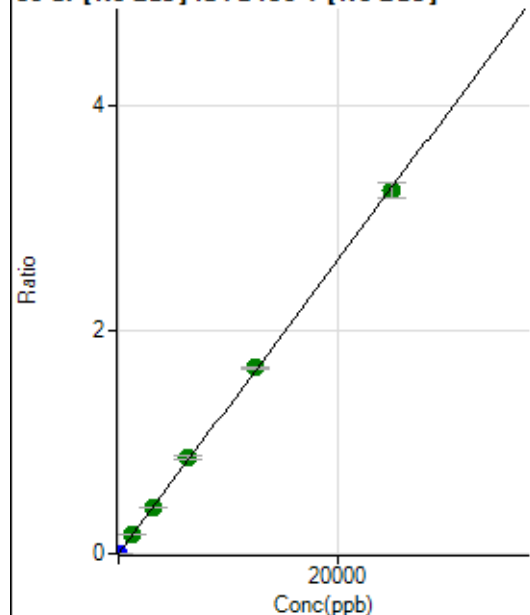
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			66.67		P	30.0
2	<input type="checkbox"/>			50.00		P	20.0
3	<input type="checkbox"/>			56.67		P	15.6
4	<input type="checkbox"/>			67.78		P	14.2
5	<input type="checkbox"/>			65.56		P	12.8
6	<input type="checkbox"/>			68.89		P	22.4
7	<input type="checkbox"/>			90.00		P	39.0
8	<input type="checkbox"/>			91.11		P	2.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	114.45	0.0000	P	12.7
2	<input type="checkbox"/>	1.000	0.953	1398.98	0.0001	P	4.2
3	<input type="checkbox"/>	1250.000	1298.861	1731222.49	0.1700	A	1.6
4	<input type="checkbox"/>	3125.000	3159.558	4266950.42	0.4135	A	2.0
5	<input type="checkbox"/>	6250.000	6586.878	8297926.89	0.8621	A	3.1
6	<input type="checkbox"/>	12500.000	12724.185	16280489.48	1.6653	A	1.1
7	<input type="checkbox"/>	25000.000	24796.925	32591017.29	3.2454	A	4.2
8	<input type="checkbox"/>			11954.02	0.0014	P	31.4

$$y = 1.3088\text{E-}004 * x + 1.0988\text{E-}005$$

$$R = 0.9998$$

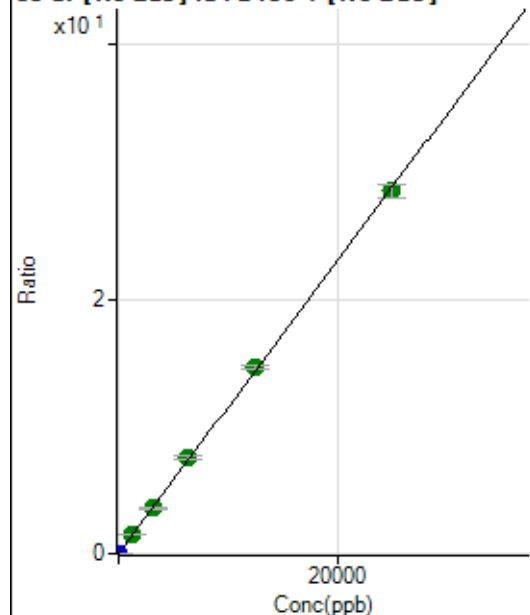
$$DL = 0.03208$$

$$BEC = 0.08396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	185.56	0.0000	P	15.1
2	<input type="checkbox"/>	1.000	0.999	12012.77	0.0012	P	1.3
3	<input type="checkbox"/>	1250.000	1283.071	15001054.77	1.4730	A	0.7
4	<input type="checkbox"/>	3125.000	3110.963	36850630.56	3.5713	A	2.0
5	<input type="checkbox"/>	6250.000	6526.361	72104861.15	7.4921	A	3.7
6	<input type="checkbox"/>	12500.000	12744.643	143030014.5	14.6306	A	1.3
7	<input type="checkbox"/>	25000.000	24808.689	286028544.6	28.4799	A	3.9
8	<input type="checkbox"/>			104073.85	0.0121	P	30.7

$$y = 0.0011 * x + 1.7811\text{E-}005$$

$$R = 0.9999$$

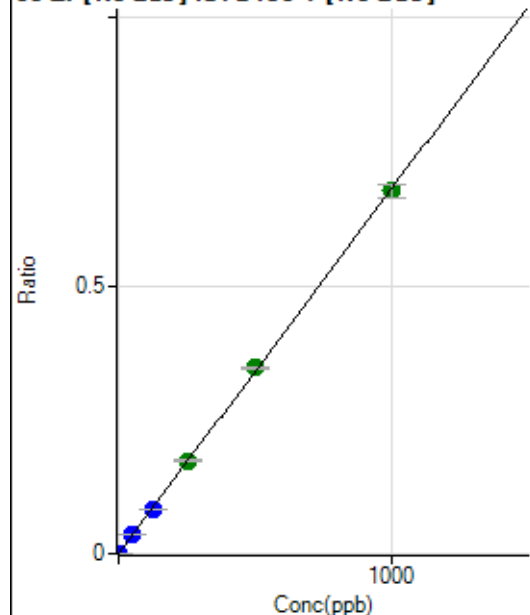
$$DL = 0.007045$$

$$BEC = 0.01552$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	304.45	0.0000	P	8.1
2	<input type="checkbox"/>	1.000	0.878	6460.35	0.0006	P	2.1
3	<input type="checkbox"/>	50.000	50.683	351373.51	0.0345	P	0.9
4	<input type="checkbox"/>	125.000	121.147	850425.98	0.0824	P	2.6
5	<input type="checkbox"/>	250.000	254.403	1665985.25	0.1731	A	2.7
6	<input type="checkbox"/>	500.000	509.303	3386834.64	0.3464	A	1.4
7	<input type="checkbox"/>	1000.000	994.695	6794856.15	0.6766	A	4.0
8	<input type="checkbox"/>			2286.88	0.0003	P	30.4

$$y = 6.8016\text{E-}004 * x + 2.9251\text{E-}005$$

$$R = 0.9999$$

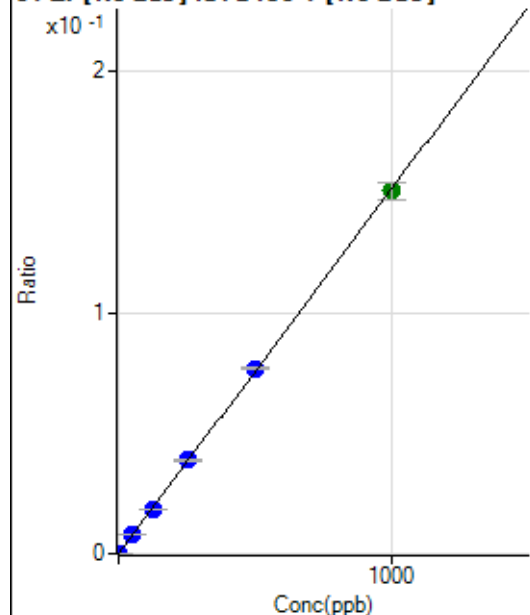
$$DL = 0.01043$$

$$BEC = 0.04301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	43.33	0.0000	P	7.3
2	<input type="checkbox"/>	1.000	0.937	1504.54	0.0001	P	5.5
3	<input type="checkbox"/>	50.000	51.085	78749.58	0.0077	P	1.4
4	<input type="checkbox"/>	125.000	122.075	190574.58	0.0185	P	3.0
5	<input type="checkbox"/>	250.000	255.727	372444.48	0.0387	P	3.0
6	<input type="checkbox"/>	500.000	508.208	751691.27	0.0769	P	1.6
7	<input type="checkbox"/>	1000.000	994.775	1511293.45	0.1505	A	4.5
8	<input type="checkbox"/>			466.68	0.0001	P	42.7

$$y = 1.5129\text{E-}004 * x + 4.1611\text{E-}006$$

$$R = 0.9999$$

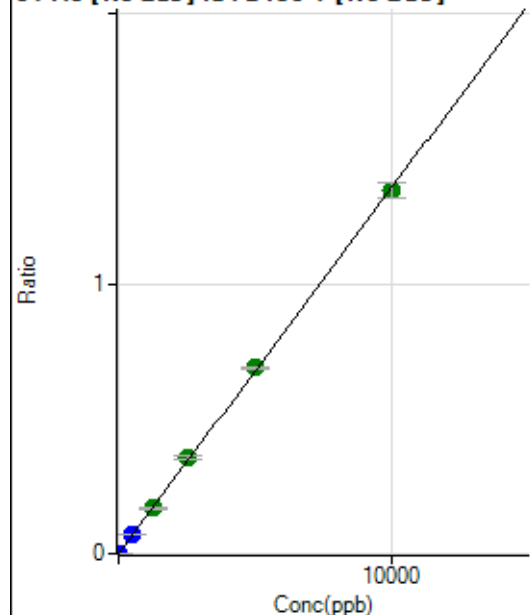
$$DL = 0.005995$$

$$BEC = 0.0275$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	106.67	0.0000	P	19.1
2	<input type="checkbox"/>	5.000	5.657	8006.70	0.0008	P	2.6
3	<input type="checkbox"/>	500.000	517.806	714267.91	0.0701	P	1.3
4	<input type="checkbox"/>	1250.000	1250.235	1747063.06	0.1693	A	2.5
5	<input type="checkbox"/>	2500.000	2631.805	3430738.87	0.3564	A	3.3
6	<input type="checkbox"/>	5000.000	5092.996	6743324.48	0.6898	A	0.9
7	<input type="checkbox"/>	10000.000	9919.631	13491600.63	1.3434	A	4.1
8	<input type="checkbox"/>			4474.09	0.0005	P	32.5

$$y = 1.3543\text{E-}004 * x + 1.0247\text{E-}005$$

$$R = 0.9998$$

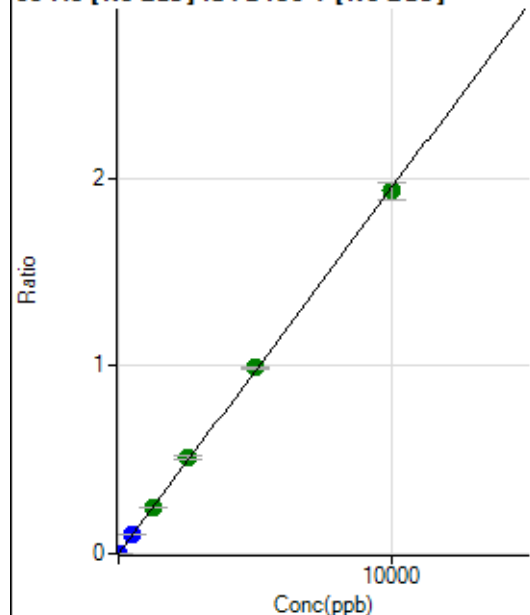
$$DL = 0.04344$$

$$BEC = 0.07566$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	40.00	0.0000	P	8.8
2	<input type="checkbox"/>	5.000	4.870	9828.92	0.0010	P	1.5
3	<input type="checkbox"/>	500.000	516.689	1025708.25	0.1007	P	1.2
4	<input type="checkbox"/>	1250.000	1265.191	2544432.73	0.2466	A	2.6
5	<input type="checkbox"/>	2500.000	2639.204	4952003.54	0.5144	A	2.9
6	<input type="checkbox"/>	5000.000	5080.055	9680523.81	0.9902	A	1.6
7	<input type="checkbox"/>	10000.000	9922.438	19420374.16	1.9341	A	4.7
8	<input type="checkbox"/>			5521.16	0.0006	P	36.2

$$y = 1.9492\text{E-}004 * x + 3.8429\text{E-}006$$

$$R = 0.9998$$

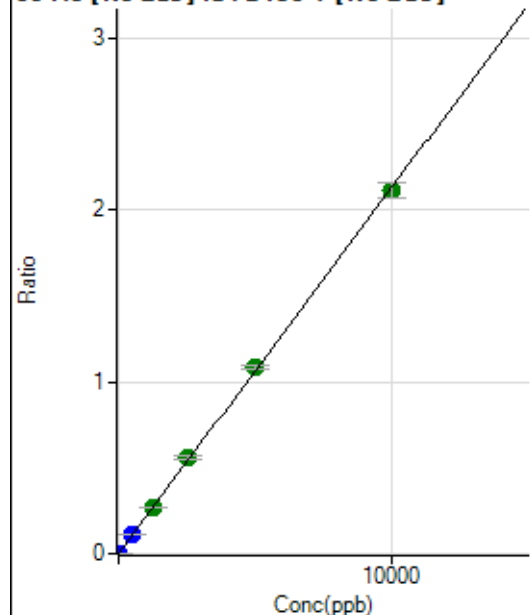
$$DL = 0.005212$$

$$BEC = 0.01971$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	71.11	0.0000	P	44.0
2	<input type="checkbox"/>	5.000	4.787	10575.01	0.0010	P	1.5
3	<input type="checkbox"/>	500.000	517.277	1121152.38	0.1101	P	1.2
4	<input type="checkbox"/>	1250.000	1263.482	2774224.26	0.2689	A	2.7
5	<input type="checkbox"/>	2500.000	2629.890	5385953.32	0.5597	A	4.1
6	<input type="checkbox"/>	5000.000	5096.109	10602447.27	1.0845	A	1.6
7	<input type="checkbox"/>	10000.000	9916.924	21194839.54	2.1105	A	4.1
8	<input type="checkbox"/>			15928.88	0.0018	P	20.2

$$y = 2.1281\text{E-}004 * x + 6.8418\text{E-}006$$

$$R = 0.9998$$

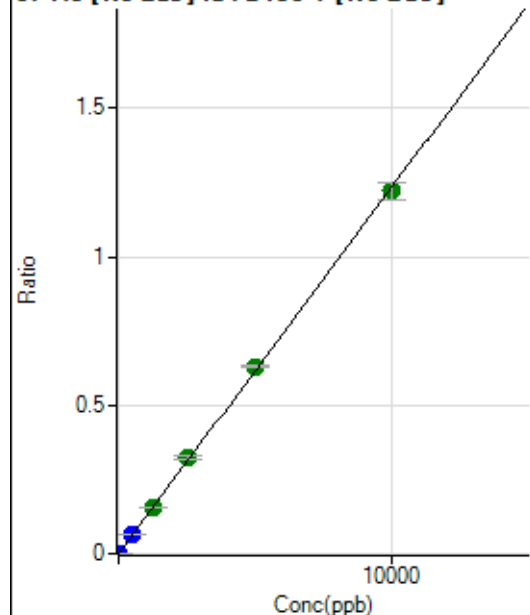
$$DL = 0.04242$$

$$BEC = 0.03215$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7.78	0.0000	P	65.1
2	<input type="checkbox"/>	5.000	4.757	6057.98	0.0006	P	0.3
3	<input type="checkbox"/>	500.000	515.936	648119.49	0.0636	P	0.9
4	<input type="checkbox"/>	1250.000	1255.861	1598228.53	0.1549	A	2.8
5	<input type="checkbox"/>	2500.000	2635.158	3127301.10	0.3250	A	4.9
6	<input type="checkbox"/>	5000.000	5109.463	6161507.89	0.6302	A	0.5
7	<input type="checkbox"/>	10000.000	9909.950	12273407.74	1.2224	A	4.8
8	<input type="checkbox"/>			3799.44	0.0004	P	33.7

$$y = 1.2335\text{E-}004 * x + 7.4619\text{E-}007$$

$$R = 0.9998$$

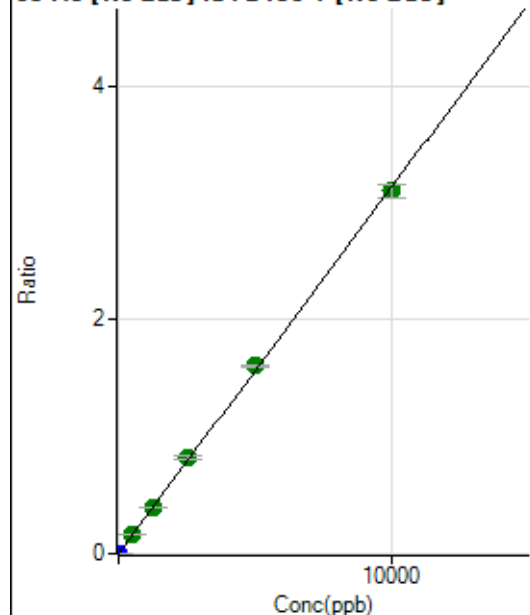
$$DL = 0.01181$$

$$BEC = 0.00605$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	32.22	0.0000	P	15.2
2	<input type="checkbox"/>	5.000	4.909	15887.59	0.0015	P	1.1
3	<input type="checkbox"/>	500.000	514.266	1640482.39	0.1611	A	1.3
4	<input type="checkbox"/>	1250.000	1254.206	4052980.46	0.3929	A	2.9
5	<input type="checkbox"/>	2500.000	2627.273	7919752.73	0.8229	A	3.9
6	<input type="checkbox"/>	5000.000	5130.703	15711139.35	1.6071	A	1.4
7	<input type="checkbox"/>	10000.000	9901.591	31148341.20	3.1015	A	4.0
8	<input type="checkbox"/>			8882.93	0.0010	P	36.4

$$y = 3.1323\text{E-}004 * x + 3.0930\text{E-}006$$

$$R = 0.9998$$

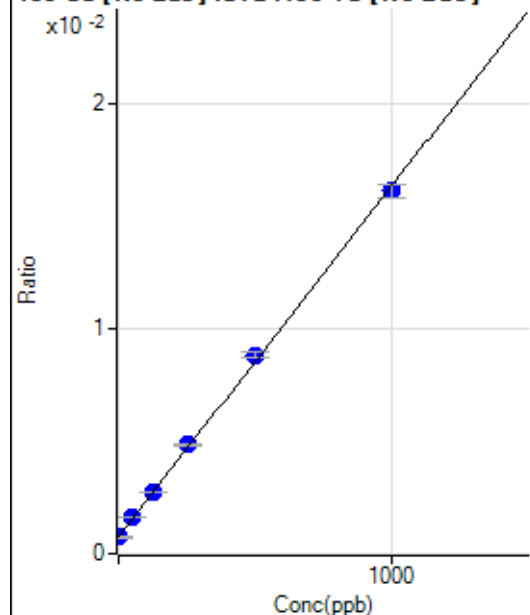
$$DL = 0.004515$$

$$BEC = 0.009875$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	5194.31	0.0008	P	1.5
2	<input type="checkbox"/>	1.000	-0.924	5109.84	0.0007	P	5.7
3	<input type="checkbox"/>	50.000	53.560	10798.55	0.0016	P	1.1
4	<input type="checkbox"/>	125.000	129.047	19031.45	0.0028	P	0.2
5	<input type="checkbox"/>	250.000	262.948	32040.88	0.0049	P	2.1
6	<input type="checkbox"/>	500.000	518.979	59152.06	0.0088	P	2.9
7	<input type="checkbox"/>	1000.000	986.592	111013.20	0.0161	P	3.4
8	<input type="checkbox"/>			4286.23	0.0007	P	1.8

$$y = 1.5556\text{E-}005 * x + 7.5966\text{E-}004$$

$$R = 0.9996$$

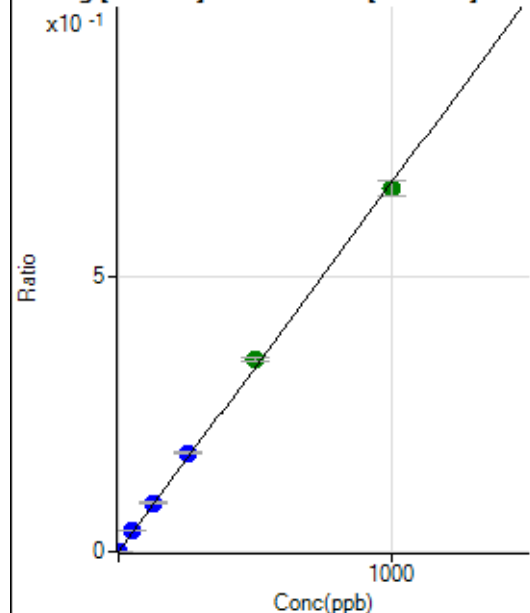
$$DL = 2.152$$

$$BEC = 48.83$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	54.44	0.0000	P	25.9
2	<input type="checkbox"/>	1.000	1.059	4919.77	0.0007	P	2.8
3	<input type="checkbox"/>	50.000	55.775	253311.13	0.0374	P	1.0
4	<input type="checkbox"/>	125.000	132.680	611094.60	0.0889	P	1.9
5	<input type="checkbox"/>	250.000	267.597	1184137.04	0.1792	P	1.8
6	<input type="checkbox"/>	500.000	521.568	2339526.81	0.3493	A	2.8
7	<input type="checkbox"/>	1000.000	983.568	4539729.52	0.6588	A	4.1
8	<input type="checkbox"/>			2330.22	0.0004	P	23.9

$$y = 6.6977\text{E-}004 * x + 7.9395\text{E-}006$$

$$R = 0.9995$$

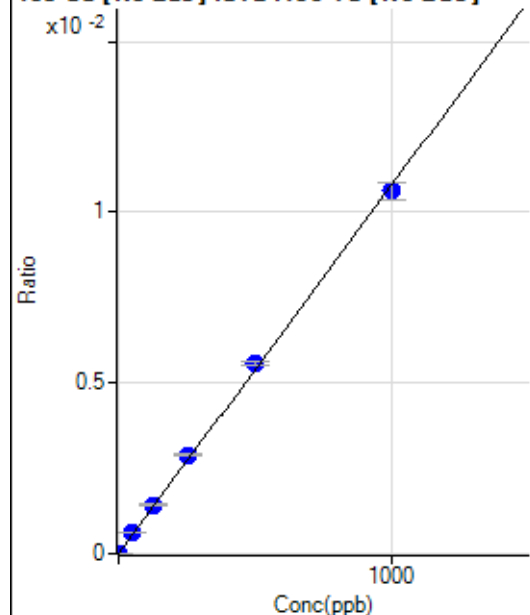
$$DL = 0.009222$$

$$BEC = 0.01185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	6.67	0.0000	P	48.6
2	<input type="checkbox"/>	1.000	1.110	88.89	0.0000	P	20.8
3	<input type="checkbox"/>	50.000	55.205	4042.82	0.0006	P	1.0
4	<input type="checkbox"/>	125.000	132.912	9862.32	0.0014	P	1.7
5	<input type="checkbox"/>	250.000	267.486	19067.04	0.0029	P	1.3
6	<input type="checkbox"/>	500.000	518.967	37490.57	0.0056	P	2.0
7	<input type="checkbox"/>	1000.000	984.896	73188.88	0.0106	P	4.6
8	<input type="checkbox"/>			43.34	0.0000	P	42.8

$$y = 1.0784\text{E-}005 * x + 9.7083\text{E-}007$$

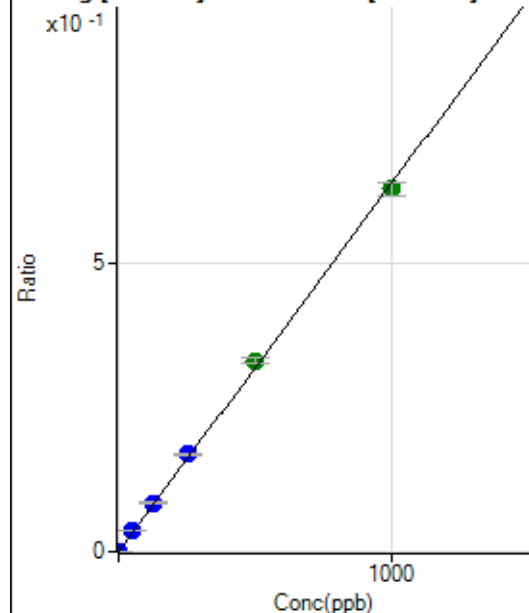
$$R = 0.9996$$

$$DL = 0.1313$$

$$BEC = 0.09003$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	11.11	0.0000	P	44.1
2	<input type="checkbox"/>	1.000	1.039	4550.76	0.0007	P	2.6
3	<input type="checkbox"/>	50.000	55.452	239347.91	0.0353	P	0.4
4	<input type="checkbox"/>	125.000	132.994	582162.68	0.0847	P	2.0
5	<input type="checkbox"/>	250.000	265.961	1118533.56	0.1693	P	2.2
6	<input type="checkbox"/>	500.000	519.059	2212951.41	0.3304	A	2.9
7	<input type="checkbox"/>	1000.000	985.209	4322687.58	0.6272	A	3.6
8	<input type="checkbox"/>			2286.87	0.0004	P	25.8

$$y = 6.3661\text{E-}004 * x + 1.6181\text{E-}006$$

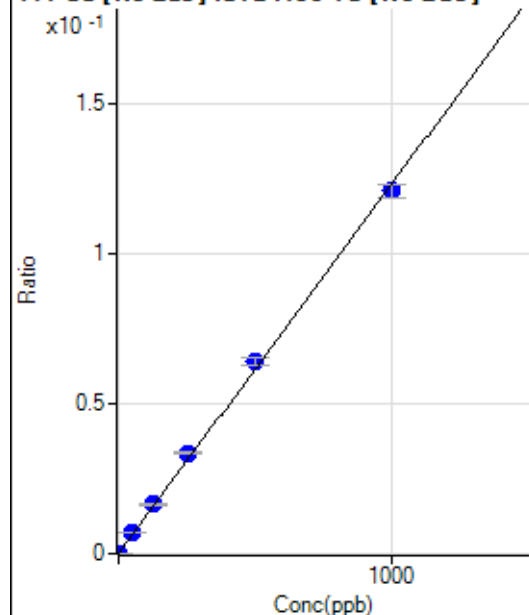
$$R = 0.9996$$

$$DL = 0.003365$$

$$BEC = 0.002542$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	259.49	0.0000	P	2.9
2	<input type="checkbox"/>	1.000	1.105	1194.43	0.0002	P	1.7
3	<input type="checkbox"/>	50.000	55.739	46817.34	0.0069	P	0.7
4	<input type="checkbox"/>	125.000	133.919	113695.82	0.0165	P	2.9
5	<input type="checkbox"/>	250.000	271.888	221559.69	0.0335	P	1.8
6	<input type="checkbox"/>	500.000	521.404	430437.00	0.0643	P	3.4
7	<input type="checkbox"/>	1000.000	982.424	834471.89	0.1211	P	3.6
8	<input type="checkbox"/>			557.31	0.0001	P	16.2

$$y = 1.2321\text{E-}004 * x + 3.7961\text{E-}005$$

$$R = 0.9994$$

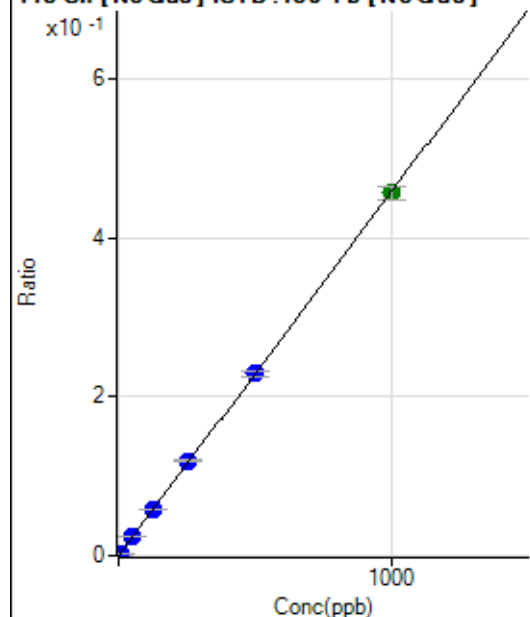
$$DL = 0.02715$$

$$BEC = 0.3081$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	431.14	0.0001	P	19.1
2	<input type="checkbox"/>	5.000	5.004	16136.93	0.0024	P	4.0
3	<input type="checkbox"/>	50.000	51.999	161741.97	0.0239	P	0.3
4	<input type="checkbox"/>	125.000	127.612	401923.72	0.0585	P	2.4
5	<input type="checkbox"/>	250.000	261.305	790386.52	0.1196	P	1.5
6	<input type="checkbox"/>	500.000	500.152	1532999.15	0.2289	P	3.3
7	<input type="checkbox"/>	1000.000	996.671	3143611.10	0.4561	A	3.5
8	<input type="checkbox"/>			2435.79	0.0004	P	20.6

$$y = 4.5758\text{E-}004 * x + 6.3148\text{E-}005$$

$$R = 0.9999$$

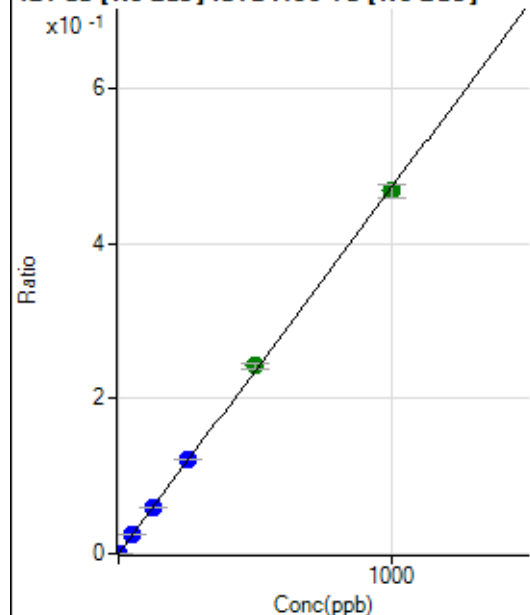
$$DL = 0.07918$$

$$BEC = 0.138$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	8.89	0.0000	P	56.2
2	<input type="checkbox"/>	2.000	2.044	6628.26	0.0010	P	1.5
3	<input type="checkbox"/>	50.000	51.920	166221.99	0.0245	P	0.6
4	<input type="checkbox"/>	125.000	125.461	407333.59	0.0592	P	2.3
5	<input type="checkbox"/>	250.000	257.154	802277.52	0.1214	P	1.4
6	<input type="checkbox"/>	500.000	513.172	1622745.10	0.2423	A	3.1
7	<input type="checkbox"/>	1000.000	991.472	3226855.09	0.4682	A	3.4
8	<input type="checkbox"/>			2135.73	0.0004	P	16.4

$$y = 4.7220\text{E-}004 * x + 1.2926\text{E-}006$$

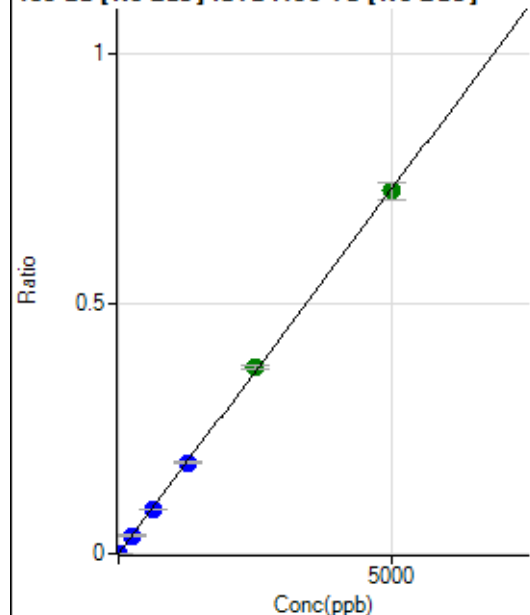
$$R = 0.9998$$

$$DL = 0.004614$$

$$BEC = 0.002737$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	41.11	0.0000	P	61.0
2	<input type="checkbox"/>	10.000	9.576	9634.45	0.0014	P	0.7
3	<input type="checkbox"/>	250.000	249.909	247451.79	0.0365	P	0.8
4	<input type="checkbox"/>	625.000	609.888	612381.89	0.0891	P	2.4
5	<input type="checkbox"/>	1250.000	1247.401	1203460.03	0.1822	P	1.8
6	<input type="checkbox"/>	2500.000	2549.916	2493909.70	0.3724	A	2.3
7	<input type="checkbox"/>	5000.000	4977.586	5008645.79	0.7269	A	4.5
8	<input type="checkbox"/>			3247.08	0.0005	P	26.3

$$y = 1.4603\text{E-}004 * x + 5.9860\text{E-}006$$

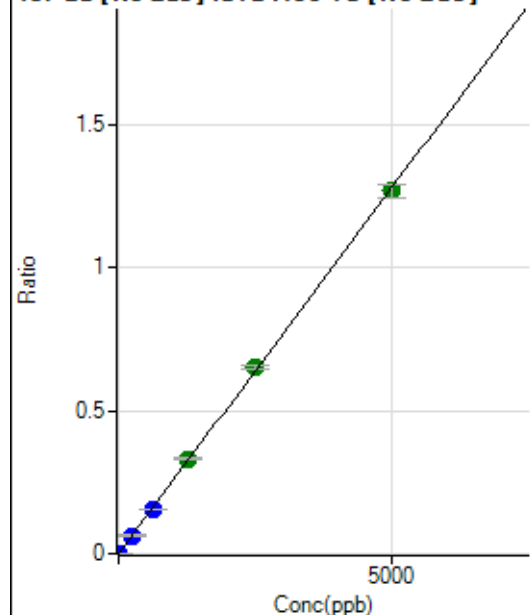
$$R = 0.9999$$

$$DL = 0.07496$$

$$BEC = 0.04099$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	38.89	0.0000	P	56.5
2	<input type="checkbox"/>	10.000	9.392	16481.85	0.0024	P	2.8
3	<input type="checkbox"/>	250.000	249.631	432064.83	0.0637	P	0.6
4	<input type="checkbox"/>	625.000	608.652	1068347.14	0.1554	P	2.1
5	<input type="checkbox"/>	1250.000	1300.027	2192175.18	0.3319	A	2.9
6	<input type="checkbox"/>	2500.000	2552.400	4364409.59	0.6516	A	1.3
7	<input type="checkbox"/>	5000.000	4963.356	8731724.18	1.2670	A	3.9
8	<input type="checkbox"/>			5739.00	0.0010	P	21.8

$$y = 2.5527\text{E-}004 * x + 5.6624\text{E-}006$$

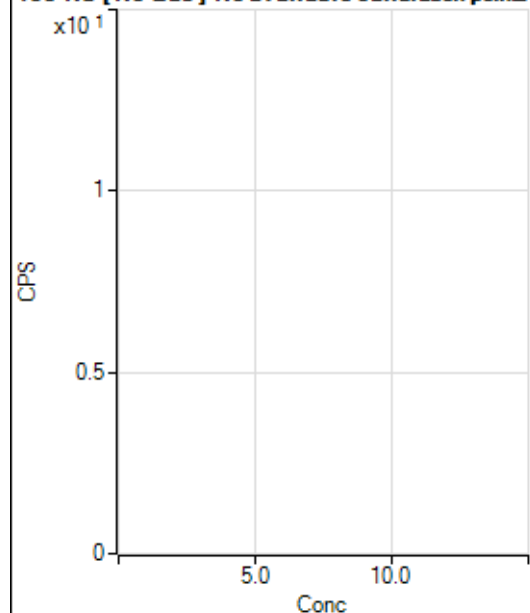
$$R = 0.9998$$

$$DL = 0.03757$$

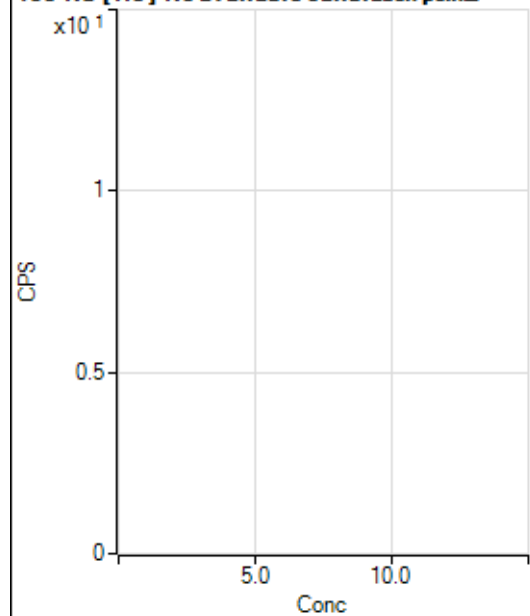
$$BEC = 0.02218$$

Weight: <None>

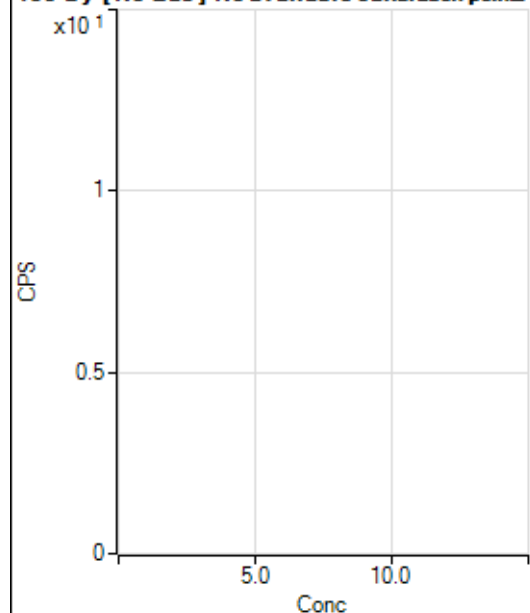
Min Conc: 0

150 Nd [No Gas] No available calibration points

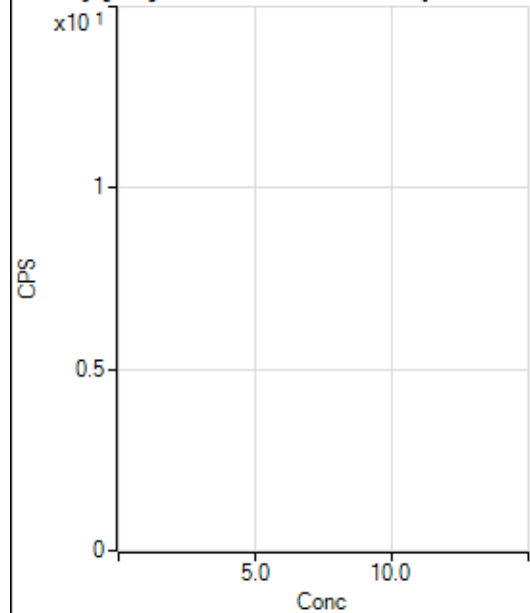
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			11.11		P	62.5
2	<input type="checkbox"/>			3.33		P	100.
3	<input type="checkbox"/>			51.11		P	30.1
4	<input type="checkbox"/>			151.11		P	11.3
5	<input type="checkbox"/>			244.45		P	14.7
6	<input type="checkbox"/>			525.57		P	4.2
7	<input type="checkbox"/>			1124.50		P	5.5
8	<input type="checkbox"/>			24.45		P	55.1

150 Nd [He] No available calibration points

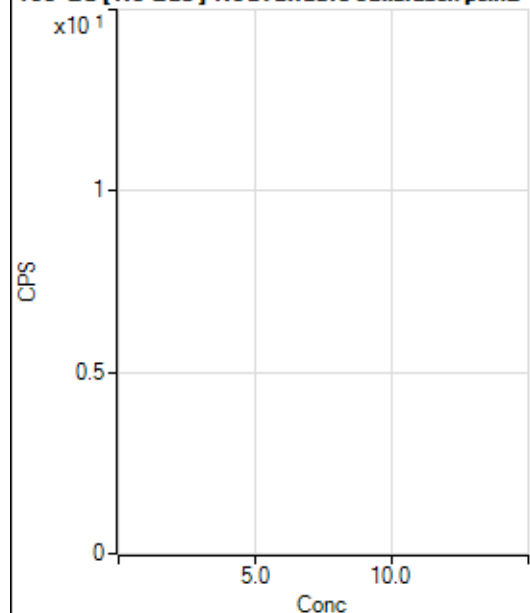
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			2.22		P	86.6
3	<input type="checkbox"/>			13.33		P	NaN
4	<input type="checkbox"/>			34.44		P	40.3
5	<input type="checkbox"/>			47.78		P	38.4
6	<input type="checkbox"/>			108.89		P	4.7
7	<input type="checkbox"/>			216.67		P	5.3
8	<input type="checkbox"/>			12.22		P	15.7

156 Dy [No Gas] No available calibration points

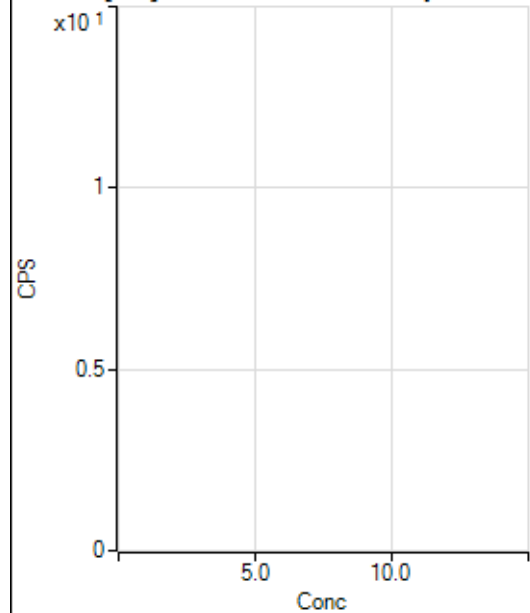
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3.33		P	100.
2	<input type="checkbox"/>			8.89		P	57.3
3	<input type="checkbox"/>			18.89		P	20.4
4	<input type="checkbox"/>			52.22		P	20.5
5	<input type="checkbox"/>			94.45		P	16.7
6	<input type="checkbox"/>			198.89		P	6.8
7	<input type="checkbox"/>			408.90		P	7.6
8	<input type="checkbox"/>			834.48		P	10.1

156 Dy [He] No available calibration points

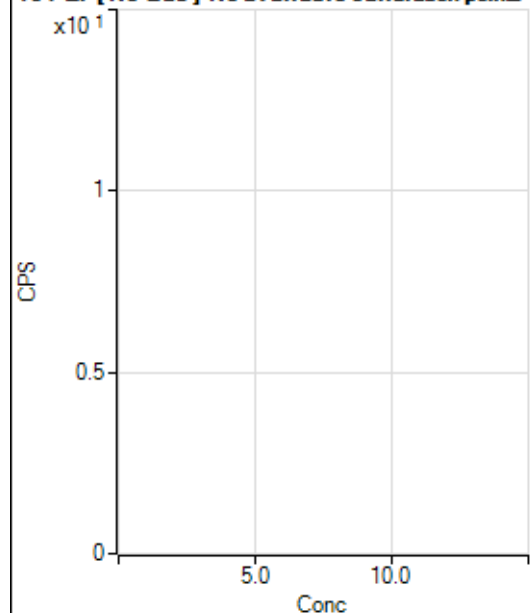
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			3.33		P	100.
3	<input type="checkbox"/>			11.11		P	34.6
4	<input type="checkbox"/>			46.66		P	32.7
5	<input type="checkbox"/>			90.00		P	17.0
6	<input type="checkbox"/>			155.56		P	27.3
7	<input type="checkbox"/>			334.45		P	14.8
8	<input type="checkbox"/>			505.57		P	9.1

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

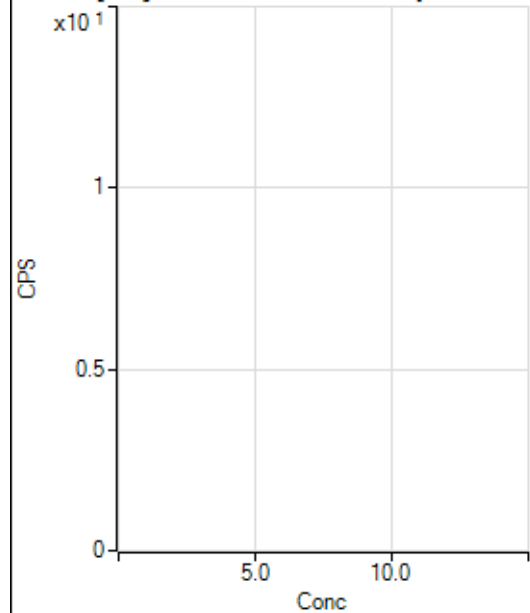
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			25.55		P	61.6
2	<input type="checkbox"/>			32.22		P	26.0
3	<input type="checkbox"/>			40.00		P	50.7
4	<input type="checkbox"/>			55.55		P	24.3
5	<input type="checkbox"/>			77.78		P	15.0
6	<input type="checkbox"/>			153.34		P	17.8
7	<input type="checkbox"/>			274.45		P	7.3
8	<input type="checkbox"/>			890.04		P	1.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			171.11		P	4.9
2	<input type="checkbox"/>			202.23		P	10.7
3	<input type="checkbox"/>			203.34		P	17.1
4	<input type="checkbox"/>			196.67		P	6.8
5	<input type="checkbox"/>			217.78		P	10.9
6	<input type="checkbox"/>			234.45		P	9.7
7	<input type="checkbox"/>			340.01		P	10.4
8	<input type="checkbox"/>			753.36		P	2.3

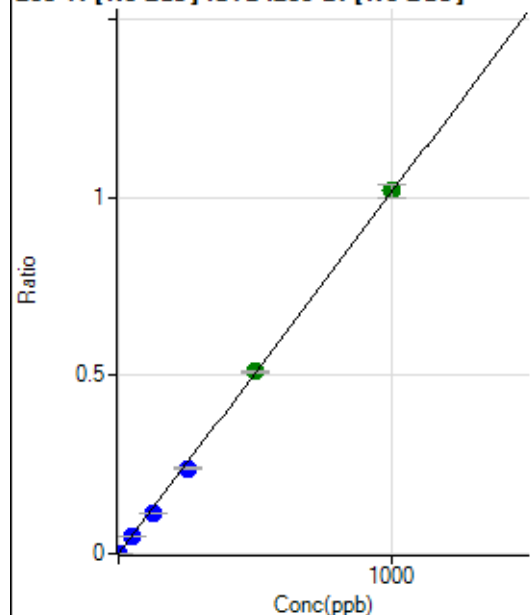
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			43.33		P	27.7
2	<input type="checkbox"/>			46.67		P	31.1
3	<input type="checkbox"/>			38.89		P	40.5
4	<input type="checkbox"/>			50.00		P	13.3
5	<input type="checkbox"/>			51.11		P	10.0
6	<input type="checkbox"/>			83.33		P	17.4
7	<input type="checkbox"/>			114.44		P	6.7
8	<input type="checkbox"/>			81.11		P	22.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			23.33		P	37.8
2	<input type="checkbox"/>			27.78		P	50.0
3	<input type="checkbox"/>			48.89		P	17.2
4	<input type="checkbox"/>			26.67		P	12.5
5	<input type="checkbox"/>			33.34		P	34.6
6	<input type="checkbox"/>			53.34		P	10.8
7	<input type="checkbox"/>			63.33		P	29.3
8	<input type="checkbox"/>			50.00		P	23.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	71.11	0.0000	P	47.1
2	<input type="checkbox"/>	1.000	0.858	3992.85	0.0009	P	4.3
3	<input type="checkbox"/>	50.000	45.606	208962.96	0.0463	P	1.1
4	<input type="checkbox"/>	125.000	111.456	521432.91	0.1131	P	0.9
5	<input type="checkbox"/>	250.000	235.530	1039318.78	0.2390	P	3.4
6	<input type="checkbox"/>	500.000	503.455	2246997.90	0.5108	A	1.1
7	<input type="checkbox"/>	1000.000	1003.803	4437783.82	1.0184	A	3.4
8	<input type="checkbox"/>			937.82	0.0003	P	45.1

$$y = 0.0010 * x + 1.5677E-005$$

$$R = 0.9998$$

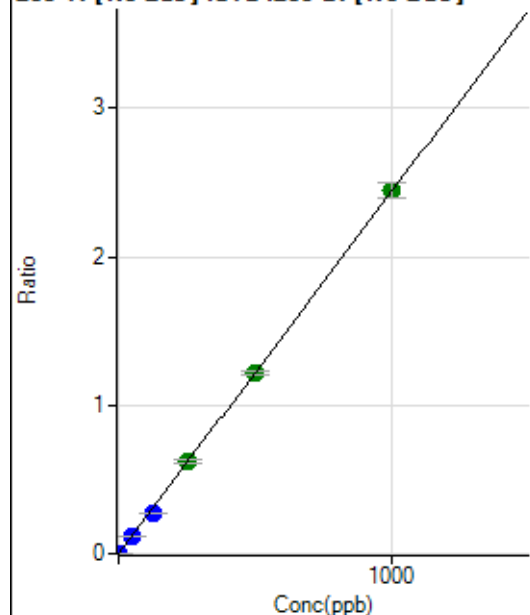
$$DL = 0.02182$$

$$BEC = 0.01545$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	146.67	0.0000	P	11.3
2	<input type="checkbox"/>	1.000	0.882	9842.55	0.0022	P	2.1
3	<input type="checkbox"/>	50.000	45.367	499858.11	0.1107	P	0.8
4	<input type="checkbox"/>	125.000	111.281	1251968.84	0.2715	P	0.8
5	<input type="checkbox"/>	250.000	254.307	2698692.88	0.6205	A	3.3
6	<input type="checkbox"/>	500.000	497.623	5340702.97	1.2141	A	2.0
7	<input type="checkbox"/>	1000.000	1002.059	10651873.17	2.4448	A	4.1
8	<input type="checkbox"/>			2291.34	0.0007	P	42.1

$$y = 0.0024 * x + 3.2334E-005$$

$$R = 0.9999$$

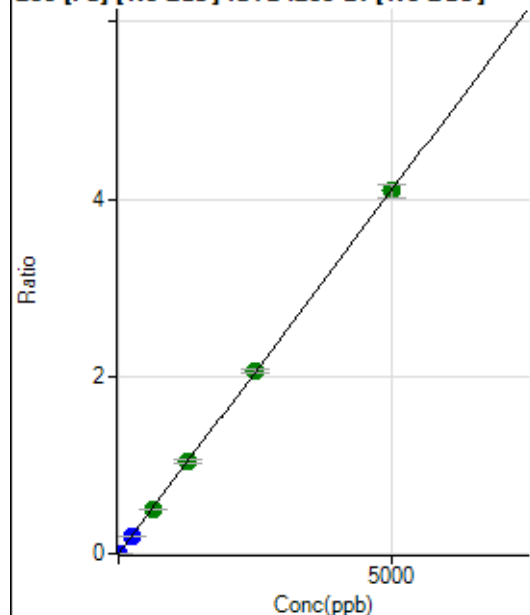
$$DL = 0.004497$$

$$BEC = 0.01325$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	222.22	0.0000	P	13.5
2	<input type="checkbox"/>	1.000	0.885	3491.59	0.0008	P	1.9
3	<input type="checkbox"/>	250.000	240.906	891801.44	0.1975	P	1.1
4	<input type="checkbox"/>	625.000	602.647	2278052.59	0.4941	A	0.6
5	<input type="checkbox"/>	1250.000	1271.294	4533553.54	1.0422	A	2.7
6	<input type="checkbox"/>	2500.000	2509.235	9048731.60	2.0570	A	1.8
7	<input type="checkbox"/>	5000.000	4993.308	17836935.84	4.0933	A	3.4
8	<input type="checkbox"/>			5155.52	0.0015	P	35.2

$$y = 8.1975\text{E-}004 * x + 4.9062\text{E-}005$$

$$R = 1.0000$$

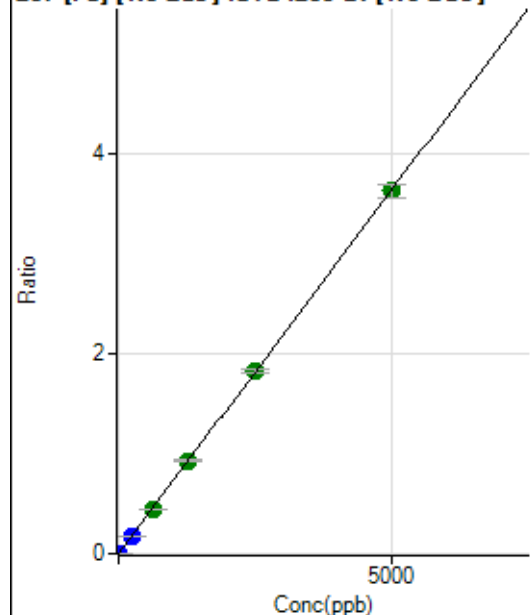
$$DL = 0.02428$$

$$BEC = 0.05985$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	167.78	0.0000	P	13.9
2	<input type="checkbox"/>	1.000	0.858	2982.58	0.0007	P	0.7
3	<input type="checkbox"/>	250.000	240.523	790788.33	0.1752	P	0.9
4	<input type="checkbox"/>	625.000	601.983	2021071.86	0.4383	A	0.7
5	<input type="checkbox"/>	1250.000	1280.432	4054944.46	0.9323	A	3.3
6	<input type="checkbox"/>	2500.000	2510.273	8040019.95	1.8277	A	1.9
7	<input type="checkbox"/>	5000.000	4990.606	15832542.54	3.6336	A	3.9
8	<input type="checkbox"/>			4577.52	0.0013	P	33.2

$$y = 7.2809\text{E-}004 * x + 3.6976\text{E-}005$$

$$R = 1.0000$$

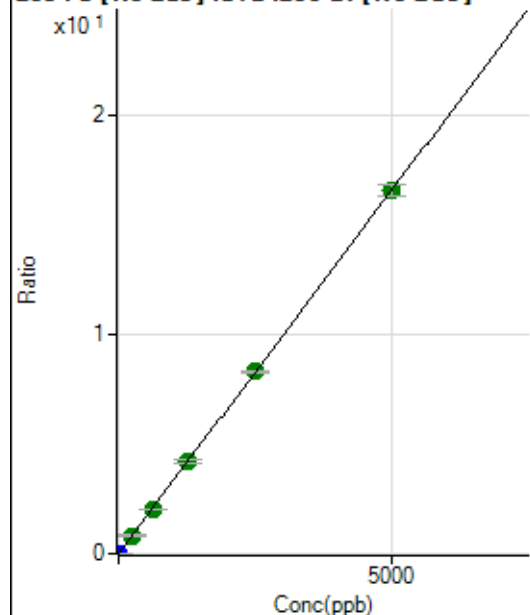
$$DL = 0.02122$$

$$BEC = 0.05078$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	925.58	0.0002	P	2.9
2	<input type="checkbox"/>	1.000	0.863	13830.67	0.0031	P	0.3
3	<input type="checkbox"/>	250.000	250.835	3759032.08	0.8326	A	0.7
4	<input type="checkbox"/>	625.000	601.905	9210817.61	1.9977	A	0.8
5	<input type="checkbox"/>	1250.000	1270.600	18339970.50	4.2168	A	3.4
6	<input type="checkbox"/>	2500.000	2503.904	36553003.07	8.3096	A	1.8
7	<input type="checkbox"/>	5000.000	4995.743	72245960.59	16.5789	A	3.3
8	<input type="checkbox"/>			20720.01	0.0061	P	33.7

$$y = 0.0033 * x + 2.0420E-004$$

$$R = 1.0000$$

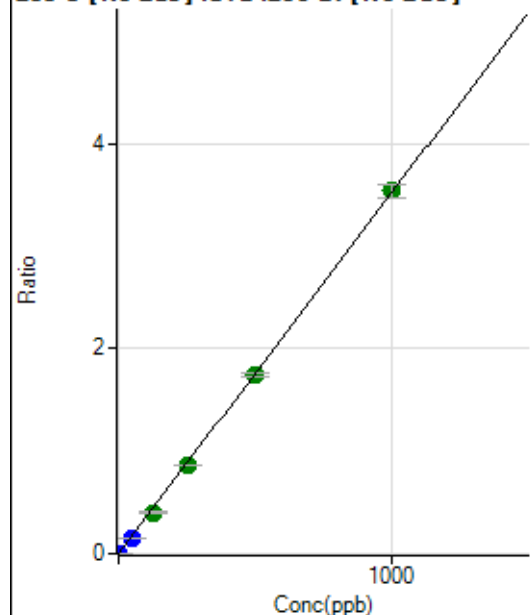
$$DL = 0.005278$$

$$BEC = 0.06153$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	14.82	0.0000	P	55.7
2	<input type="checkbox"/>	1.000	0.865	13746.94	0.0030	P	2.0
3	<input type="checkbox"/>	50.000	42.379	673531.68	0.1492	P	1.1
4	<input type="checkbox"/>	125.000	114.322	1855489.29	0.4024	A	1.2
5	<input type="checkbox"/>	250.000	245.428	3759078.76	0.8639	A	1.6
6	<input type="checkbox"/>	500.000	494.559	7658271.14	1.7409	A	2.1
7	<input type="checkbox"/>	1000.000	1005.579	15424411.13	3.5398	A	3.6
8	<input type="checkbox"/>			2250.69	0.0007	P	47.7

$$y = 0.0035 * x + 3.2574E-006$$

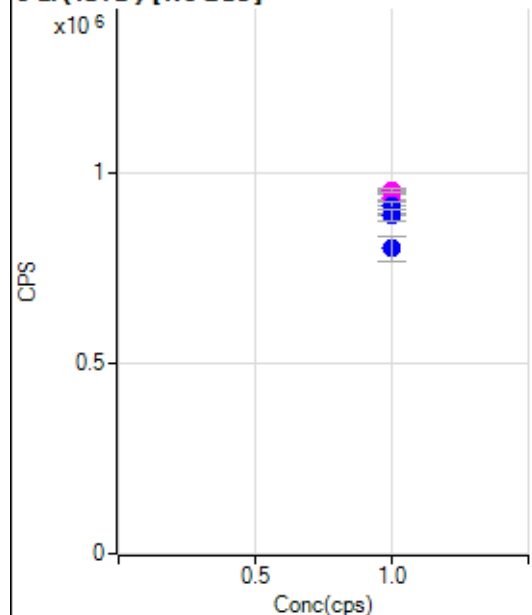
$$R = 0.9999$$

$$DL = 0.001547$$

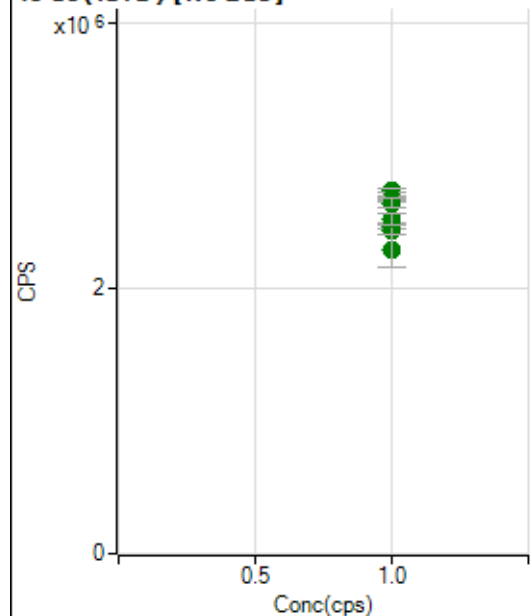
$$BEC = 0.0009254$$

Weight: <None>

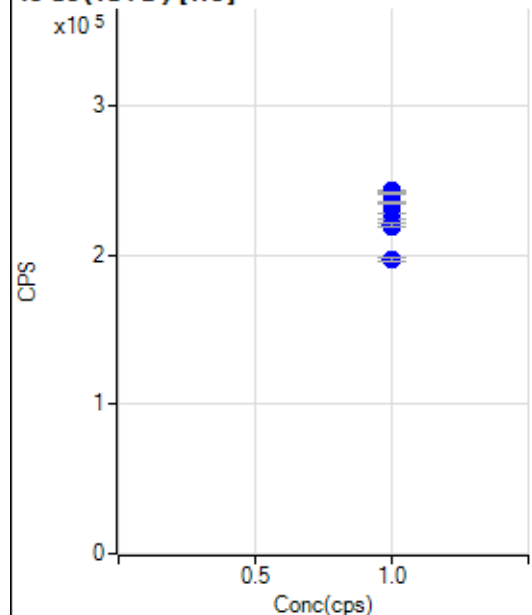
Min Conc: 0

6 Li (ISTD) [No Gas]

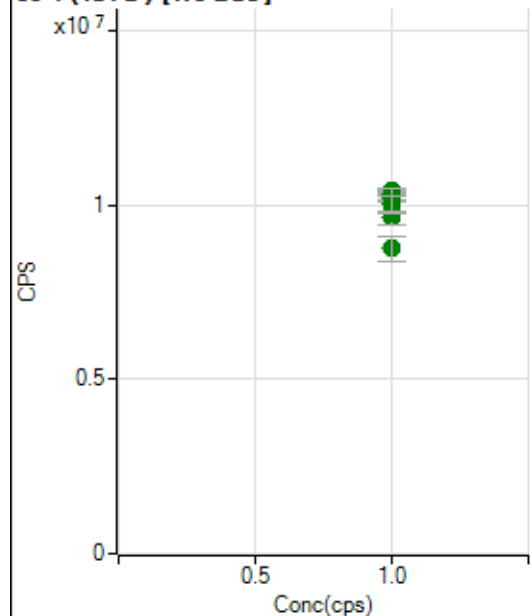
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		948954.59		P	1.0
2	<input type="checkbox"/>	1.000		921096.70		M	1.4
3	<input type="checkbox"/>	1.000		933814.50		M	2.4
4	<input type="checkbox"/>	1.000		951682.14		M	1.1
5	<input type="checkbox"/>	1.000		911857.99		P	2.1
6	<input type="checkbox"/>	1.000		890215.64		P	1.1
7	<input type="checkbox"/>	1.000		888625.80		P	3.2
8	<input type="checkbox"/>	1.000		800018.21		P	8.2

45 Sc (ISTD) [No Gas]

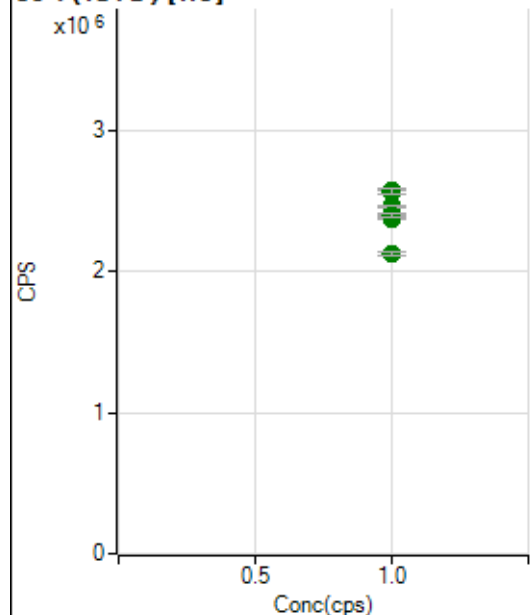
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2732304.89		A	1.1
2	<input type="checkbox"/>	1.000		2685624.20		A	0.3
3	<input type="checkbox"/>	1.000		2655251.24		A	0.7
4	<input type="checkbox"/>	1.000		2642334.96		A	2.7
5	<input type="checkbox"/>	1.000		2466230.40		A	2.1
6	<input type="checkbox"/>	1.000		2437697.88		A	2.8
7	<input type="checkbox"/>	1.000		2520744.88		A	3.0
8	<input type="checkbox"/>	1.000		2281880.92		A	10.3

45 Sc (ISTD) [He]

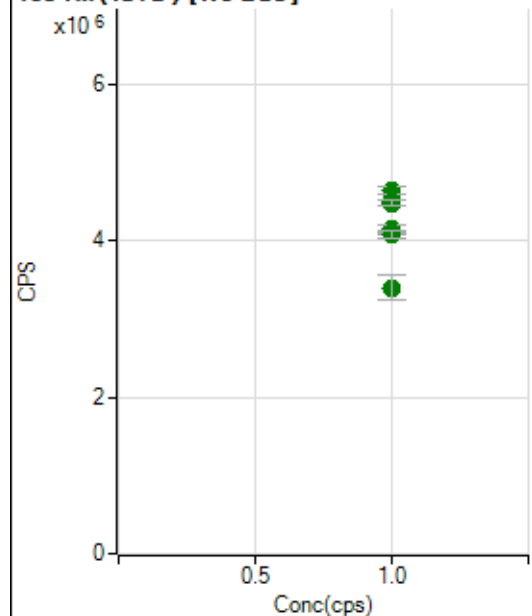
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		242802.11		P	0.4
2	<input type="checkbox"/>	1.000		241035.04		P	0.7
3	<input type="checkbox"/>	1.000		234456.68		P	0.5
4	<input type="checkbox"/>	1.000		227794.92		P	0.5
5	<input type="checkbox"/>	1.000		224203.68		P	0.3
6	<input type="checkbox"/>	1.000		218904.63		P	0.3
7	<input type="checkbox"/>	1.000		219803.85		P	1.0
8	<input type="checkbox"/>	1.000		196832.03		P	1.3

89 Y (ISTD) [No Gas]

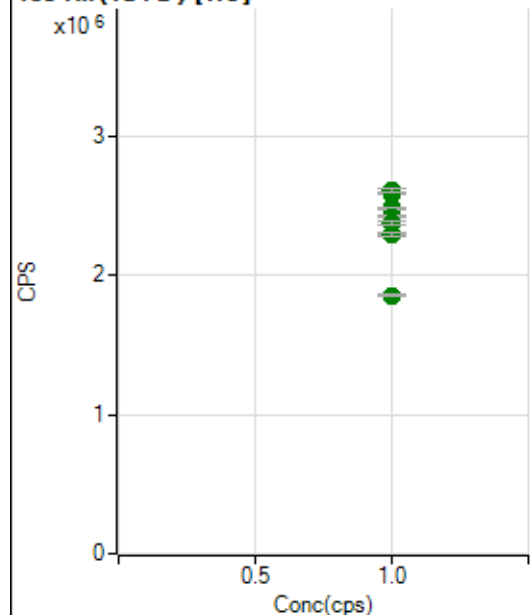
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		10411744.91		A	0.6
2	<input type="checkbox"/>	1.000		10311927.69		A	0.2
3	<input type="checkbox"/>	1.000		10184918.88		A	1.3
4	<input type="checkbox"/>	1.000		10322458.81		A	2.9
5	<input type="checkbox"/>	1.000		9632715.83		A	3.7
6	<input type="checkbox"/>	1.000		9776619.02		A	0.6
7	<input type="checkbox"/>	1.000		10053823.60		A	4.1
8	<input type="checkbox"/>	1.000		8757227.85		A	8.6

89 Y(ISTD) [He]

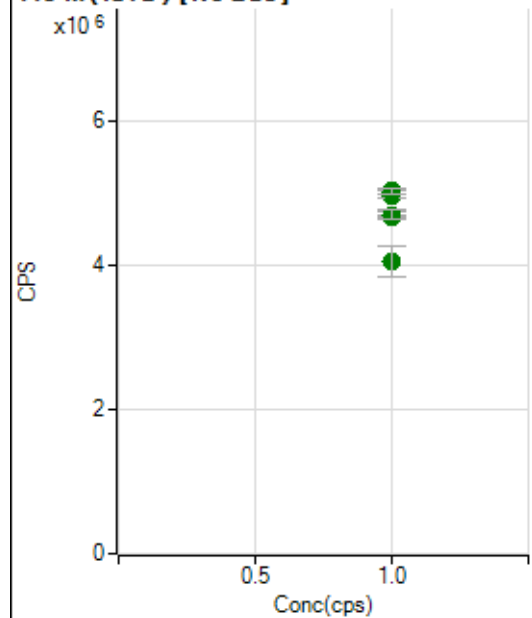
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2561506.06		A	1.1
2	<input type="checkbox"/>	1.000		2571607.86		A	1.4
3	<input type="checkbox"/>	1.000		2462743.09		A	0.8
4	<input type="checkbox"/>	1.000		2396806.96		A	0.3
5	<input type="checkbox"/>	1.000		2385422.73		A	1.1
6	<input type="checkbox"/>	1.000		2373853.72		A	0.6
7	<input type="checkbox"/>	1.000		2398328.49		A	0.8
8	<input type="checkbox"/>	1.000		2122581.11		A	1.3

103 Rh(ISTD) [No Gas]

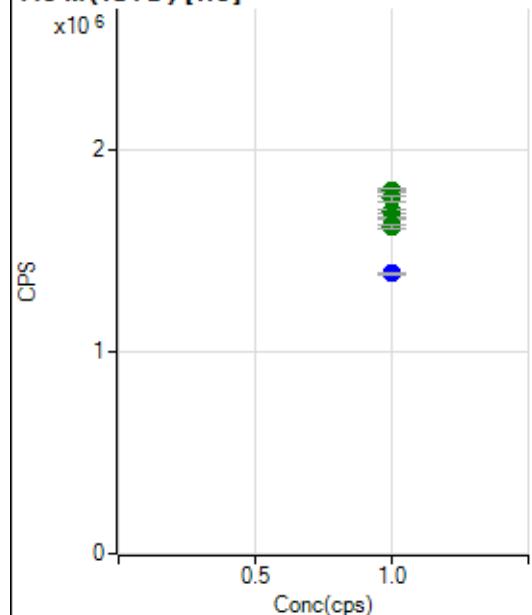
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4632663.61		A	2.0
2	<input type="checkbox"/>	1.000		4588514.52		A	0.2
3	<input type="checkbox"/>	1.000		4487157.09		A	1.6
4	<input type="checkbox"/>	1.000		4474448.65		A	1.7
5	<input type="checkbox"/>	1.000		4140374.24		A	2.2
6	<input type="checkbox"/>	1.000		4089055.22		A	1.1
7	<input type="checkbox"/>	1.000		4076077.72		A	2.2
8	<input type="checkbox"/>	1.000		3400706.38		A	9.4

103 Rh (ISTD) [He]

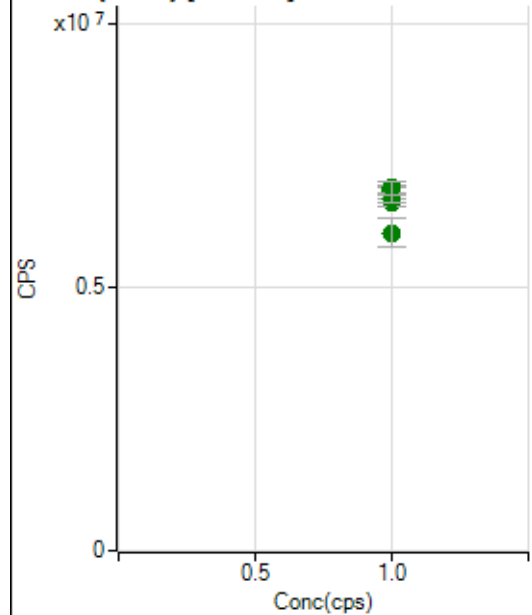
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2592583.71		A	0.4
2	<input type="checkbox"/>	1.000		2609754.39		A	1.2
3	<input type="checkbox"/>	1.000		2484073.69		A	0.5
4	<input type="checkbox"/>	1.000		2424830.08		A	0.4
5	<input type="checkbox"/>	1.000		2381148.89		A	0.9
6	<input type="checkbox"/>	1.000		2301074.58		A	0.6
7	<input type="checkbox"/>	1.000		2290944.18		A	1.2
8	<input type="checkbox"/>	1.000		1859919.21		A	0.3

115 In (ISTD) [No Gas]

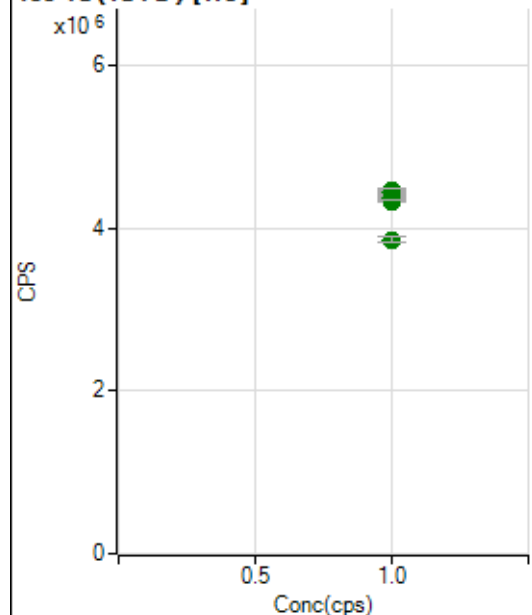
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5033900.67		A	1.9
2	<input type="checkbox"/>	1.000		5016628.54		A	0.9
3	<input type="checkbox"/>	1.000		4962497.14		A	1.0
4	<input type="checkbox"/>	1.000		5028810.54		A	1.9
5	<input type="checkbox"/>	1.000		4699159.03		A	2.4
6	<input type="checkbox"/>	1.000		4677947.35		A	0.6
7	<input type="checkbox"/>	1.000		4702177.36		A	2.9
8	<input type="checkbox"/>	1.000		4055153.47		A	10.1

115 In (ISTD) [He]

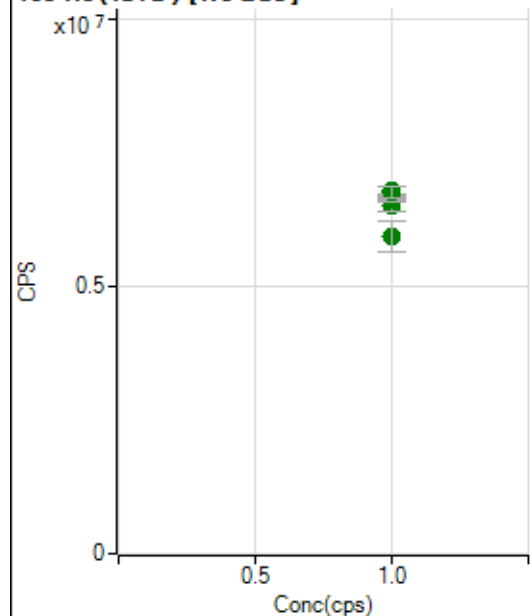
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1797220.86		A	1.0
2	<input type="checkbox"/>	1.000		1798877.43		A	1.2
3	<input type="checkbox"/>	1.000		1759245.80		A	1.2
4	<input type="checkbox"/>	1.000		1697445.79		A	1.6
5	<input type="checkbox"/>	1.000		1666559.96		A	0.4
6	<input type="checkbox"/>	1.000		1628491.15		A	0.1
7	<input type="checkbox"/>	1.000		1621922.02		A	1.4
8	<input type="checkbox"/>	1.000		1389210.00		P	1.1

159 Tb (ISTD) [No Gas]

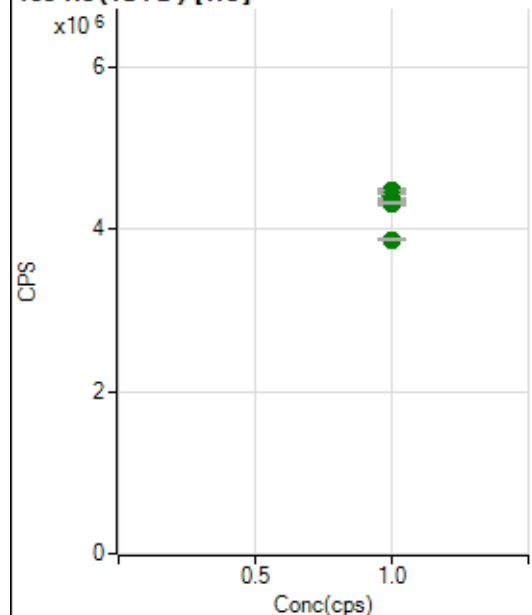
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6838001.29		A	1.7
2	<input type="checkbox"/>	1.000		6859788.72		A	1.4
3	<input type="checkbox"/>	1.000		6779679.83		A	0.6
4	<input type="checkbox"/>	1.000		6877827.26		A	2.2
5	<input type="checkbox"/>	1.000		6608264.56		A	2.2
6	<input type="checkbox"/>	1.000		6699620.94		A	2.1
7	<input type="checkbox"/>	1.000		6897737.12		A	3.5
8	<input type="checkbox"/>	1.000		6040823.66		A	9.0

159 Tb (ISTD) [He]

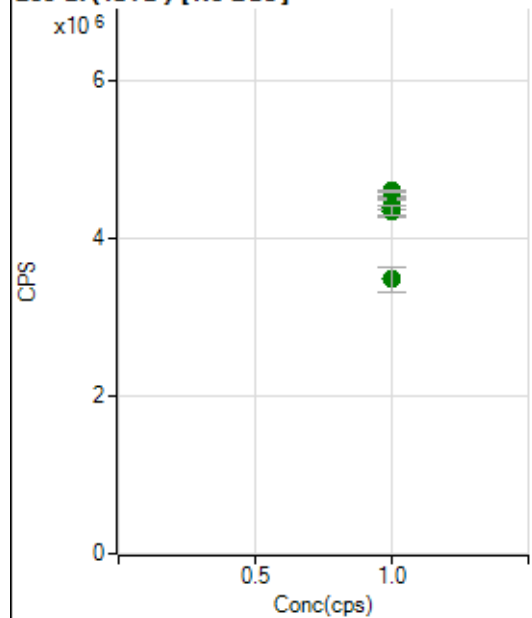
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4465320.66		A	0.8
2	<input type="checkbox"/>	1.000		4459612.50		A	1.2
3	<input type="checkbox"/>	1.000		4386063.02		A	0.7
4	<input type="checkbox"/>	1.000		4368932.12		A	0.4
5	<input type="checkbox"/>	1.000		4381324.94		A	1.0
6	<input type="checkbox"/>	1.000		4339107.99		A	0.7
7	<input type="checkbox"/>	1.000		4355162.29		A	0.3
8	<input type="checkbox"/>	1.000		3861715.36		A	1.7

165 Ho (ISTD) [No Gas]

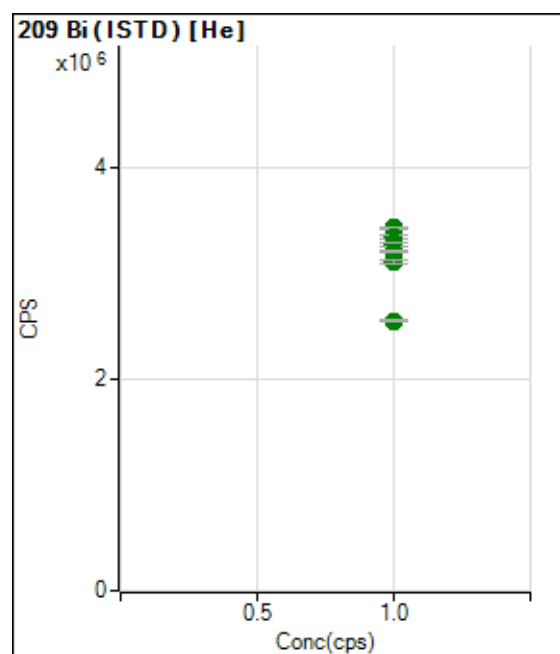
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6709019.41		A	0.6
2	<input type="checkbox"/>	1.000		6640634.00		A	1.1
3	<input type="checkbox"/>	1.000		6628923.03		A	1.3
4	<input type="checkbox"/>	1.000		6794822.05		A	2.4
5	<input type="checkbox"/>	1.000		6518389.42		A	2.9
6	<input type="checkbox"/>	1.000		6621056.36		A	0.6
7	<input type="checkbox"/>	1.000		6772924.90		A	3.3
8	<input type="checkbox"/>	1.000		5949879.98		A	9.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4469733.30		A	1.9
2	<input type="checkbox"/>	1.000		4476227.47		A	0.6
3	<input type="checkbox"/>	1.000		4413916.84		A	0.6
4	<input type="checkbox"/>	1.000		4355418.86		A	0.8
5	<input type="checkbox"/>	1.000		4374818.65		A	1.0
6	<input type="checkbox"/>	1.000		4333280.39		A	1.3
7	<input type="checkbox"/>	1.000		4328946.74		A	0.7
8	<input type="checkbox"/>	1.000		3871275.84		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4533658.30		A	1.0
2	<input type="checkbox"/>	1.000		4508385.56		A	0.3
3	<input type="checkbox"/>	1.000		4514892.78		A	0.8
4	<input type="checkbox"/>	1.000		4610954.03		A	0.8
5	<input type="checkbox"/>	1.000		4352718.72		A	3.5
6	<input type="checkbox"/>	1.000		4399462.50		A	1.0
7	<input type="checkbox"/>	1.000		4360710.59		A	3.2
8	<input type="checkbox"/>	1.000		3483200.37		A	9.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3423282.62		A	0.8
2	<input type="checkbox"/>	1.000		3414756.55		A	0.7
3	<input type="checkbox"/>	1.000		3338681.79		A	0.6
4	<input type="checkbox"/>	1.000		3287900.54		A	0.3
5	<input type="checkbox"/>	1.000		3259832.07		A	1.1
6	<input type="checkbox"/>	1.000		3197659.64		A	0.4
7	<input type="checkbox"/>	1.000		3102417.00		A	0.7
8	<input type="checkbox"/>	1.000		2547871.47		A	0.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7051823 MS.b

Acq. Date-Time 2023-05-18 11:03:10

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		3835	38350.28			0.551	5.000
24		49933	499327.20			0.174	5.000
25		6820	68202.29			0.206	5.000
26		8108	81078.32			0.325	5.000
59		40725	407251.47			0.896	5.000
113		5712	57120.01			1.662	5.000
115		71533	715329.63			1.258	5.000
206		17801	178007.61			1.085	5.000
207		16223	162229.76			0.845	5.000
208		38086	380856.54			1.014	5.000
220		0	2.80			43.006	

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

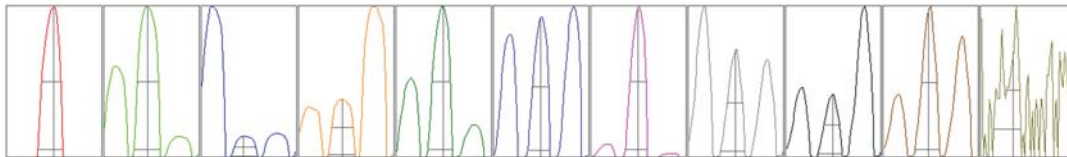
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3867	3834	3810	3824	3839
24	49782	49943	49987	49955	49997
25	6831	6823	6832	6819	6797
26	8148	8118	8081	8089	8103
59	40165	40583	40832	40951	41095
113	5548	5753	5737	5729	5794
115	69953	71661	71898	72116	72037
206	17485	17746	17922	17900	17950
207	16002	16183	16282	16344	16304
208	37516	38077	37959	38502	38374

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	6678.15	9.00	8.90 - 9.10	
24	78216.17	23.90	23.90 - 24.10	
25	10530.83	24.85	24.90 - 25.10	Fail
26	12109.04	25.90	25.90 - 26.10	
59	74086.06	59.00	58.90 - 59.10	
113	11708.53	113.00	112.90 - 113.10	
115	146828.22	115.00	114.90 - 115.10	
206	37007.71	206.00	205.90 - 206.10	
207	33708.03	207.00	206.90 - 207.10	
208	78728.31	207.95	207.90 - 208.10	
220	0.45	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.785	0.900	
24	0.68	0.830	0.900	
25	0.67	0.829	0.900	
26	0.69	0.835	0.900	
59	0.57	0.782	0.900	
113	0.50	0.710	0.900	
115	0.50	0.707	0.900	
206	0.48	0.771	0.900	
207	0.49	0.770	0.900	
208	0.48	0.779	0.900	
220	0.41	0.851		

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	16.6 V
Extract 2	-85.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-55 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	1.0002	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	1.0 mm
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EM

Discriminator	3.2 mV	Analog HV	2290 V	Pulse HV	1601 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13683	136827.31			0.335	
89		21925	219249.02			0.244	
205		17422	174223.24			0.534	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13729	13666	13655	13631	13733
89	21972	21919	21835	21945	21953
205	17398	17320	17455	17375	17565

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	9.1 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-75.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-55 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	123	Axis Gain	1.0002	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	1.0 mm
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EM

Discriminator	3.2 mV	Analog HV	2290 V	Pulse HV	1601 V
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