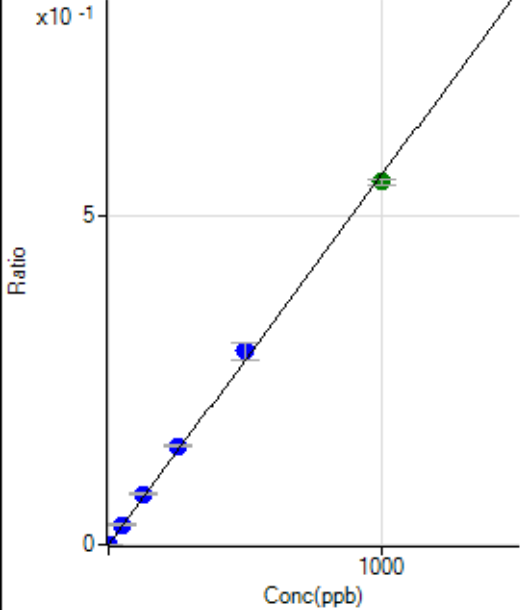


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092424-MS2.b\
 Analysis File: P7092424-MS2.batch.bin
 DA Date-Time: 2024-09-25 01:59:56
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-09-24 14:39:23
2	005CALS.d	S02	2024-09-24 14:42:40
3	006CALS.d	S03	2024-09-24 14:45:59
4	007CALS.d	S04	2024-09-24 14:49:01
5	008CALS.d	S05	2024-09-24 14:51:57
6	009CALS.d	S06	2024-09-24 14:54:46
7	010CALS.d	S07	2024-09-24 14:57:33
8	011CALS.d	S08	2024-09-24 15:00:18

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	33.8
2	☐	1.000	1.102	1586.76	0.0006	P	4.8
3	☐	50.000	54.272	78923.64	0.0305	P	2.2
4	☐	125.000	136.260	199145.09	0.0766	P	2.7
5	☐	250.000	267.025	395874.89	0.1500	P	1.3
6	☐	500.000	523.428	785842.64	0.2940	P	8.2
7	☐	1000.000	982.408	1466865.95	0.5519	A	1.7
8	☐			218.89	0.0001	P	17.8

$y = 5.6176E-004 * x + 6.6902E-006$

$R = 0.9994$

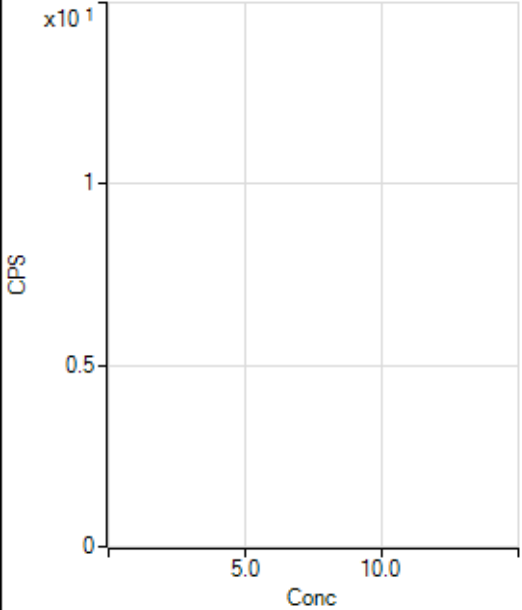
$DL = 0.01208$

$BEC = 0.01191$

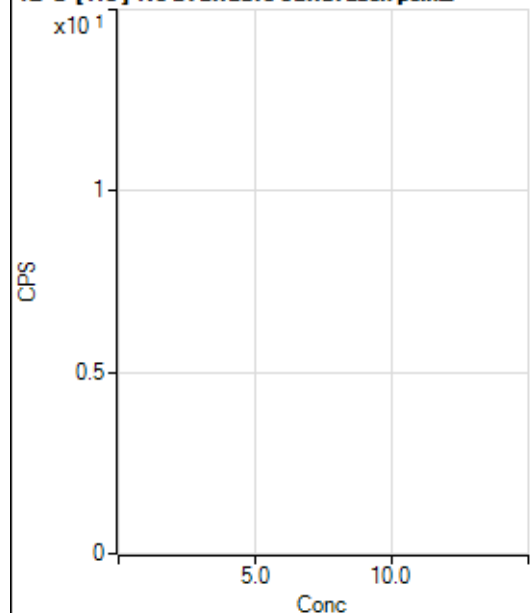
Weight: <None>

Min Conc: 0

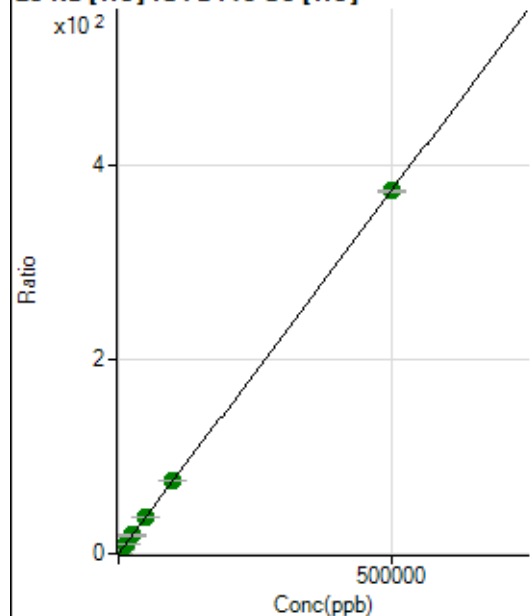
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9673.11	0.0138	P	2.5
2	☐	500.000	532.733	289316.02	0.4123	P	1.0
3	☐	5000.000	5089.199	2602488.17	3.8211	A	1.7
4	☐	12500.000	12809.651	6278060.39	9.5969	A	1.2
5	☐	25000.000	25213.284	12052637.18	18.8763	A	0.9
6	☐	50000.000	50453.998	23550997.43	37.7593	A	1.1
7	☐	100000.00	100262.70	45922119.32	75.0222	A	0.8
8	☐	500000.00	499882.72	231686712.1	373.9852	A	0.3

$$y = 7.4812\text{E-}004 * x + 0.0138$$

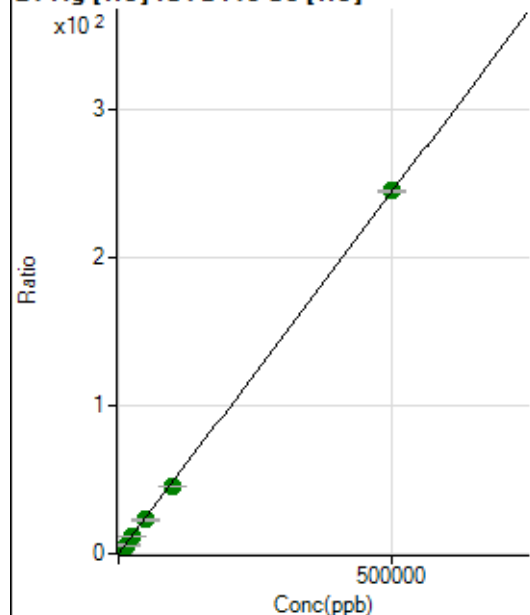
$$R = 1.0000$$

$$DL = 1.374$$

$$BEC = 18.44$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	326.67	0.0005	P	4.8
2	☐	500.000	518.638	177943.50	0.2536	P	1.2
3	☐	5000.000	4753.832	1580712.49	2.3208	A	1.3
4	☐	12500.000	11954.962	3817393.87	5.8356	A	1.9
5	☐	25000.000	23521.108	7330626.21	11.4809	A	1.0
6	☐	50000.000	46799.219	14247196.31	22.8427	A	1.2
7	☐	100000.00	92275.724	27569379.87	45.0394	A	0.3
8	☐	500000.00	501954.94	151777961.0	245.0000	A	0.8

$$y = 4.8809\text{E-}004 * x + 4.6584\text{E-}004$$

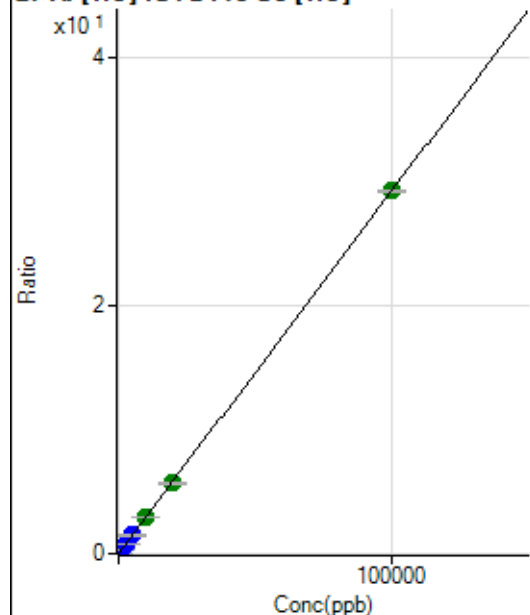
$$R = 0.9999$$

$$DL = 0.1373$$

$$BEC = 0.9544$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	287.78	0.0004	P	6.2
2	☐	20.000	19.238	4229.51	0.0060	P	3.1
3	☐	1000.000	1032.694	205651.44	0.3020	P	1.9
4	☐	2500.000	2589.586	494923.94	0.7566	P	1.7
5	☐	5000.000	5040.764	940063.78	1.4723	P	1.2
6	☐	10000.000	9935.616	1809740.84	2.9016	A	1.4
7	☐	20000.000	19401.756	3468109.60	5.6658	A	0.5
8	☐	100000.00	100121.48	18112094.04	29.2361	A	0.4

$$y = 2.9200\text{E-}004 * x + 4.0997\text{E-}004$$

$$R = 1.0000$$

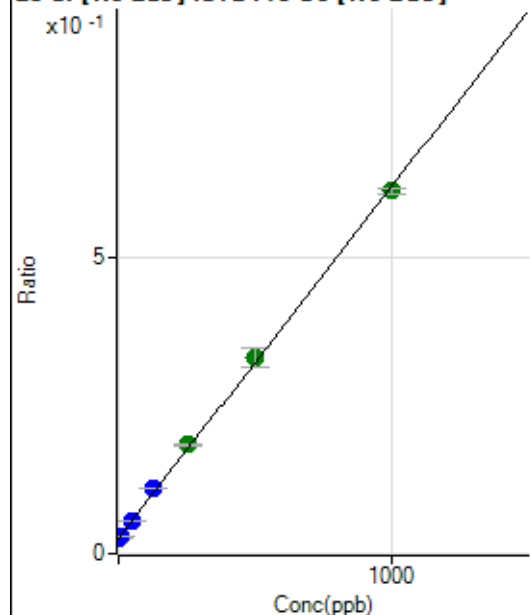
$$DL = 0.2613$$

$$BEC = 1.404$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225086.99	0.0266	P	2.5
2	☐	10.000	4.037	249893.83	0.0290	P	1.6
3	☐	50.000	48.923	472313.87	0.0557	P	1.3
4	☐	125.000	140.033	906770.08	0.1099	P	1.2
5	☐	250.000	265.300	1491600.97	0.1844	A	1.1
6	☐	500.000	512.300	2648170.69	0.3313	A	9.5
7	☐	1000.000	988.259	4774029.16	0.6145	A	1.4
8	☐			284183.34	0.0376	P	1.4

$$y = 5.9488\text{E-}004 * x + 0.0266$$

$$R = 0.9996$$

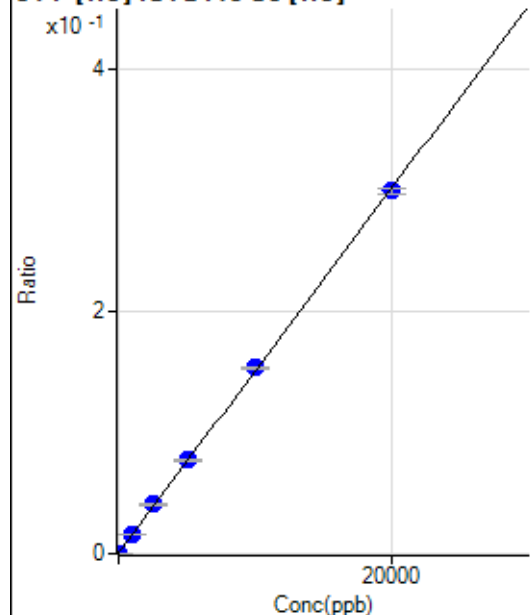
$$DL = 3.376$$

$$BEC = 44.68$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-18.568	132.22	0.0002	P	24.4
2	☐	0.000	18.568	524.46	0.0007	P	4.8
3	☐	1000.000	1047.046	11044.06	0.0162	P	1.3
4	☐	2500.000	2663.387	26508.54	0.0405	P	1.0
5	☐	5000.000	5099.267	49264.55	0.0772	P	0.8
6	☐	10000.000	10171.243	95690.88	0.1534	P	1.5
7	☐	20000.000	19866.786	183165.08	0.2992	P	1.4
8	☐			206.67	0.0003	P	7.0

$$y = 1.5038\text{E-}005 * x + 4.6820\text{E-}004$$

$$R = 0.9999$$

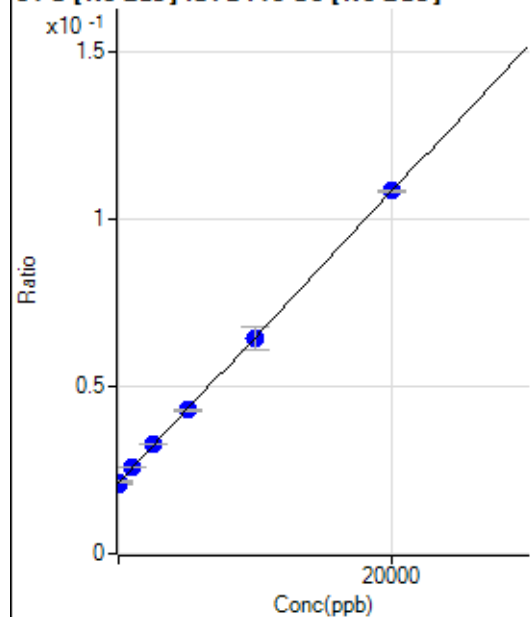
$$DL = 8.188$$

$$BEC = 31.13$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-72.582	177195.27	0.0209	P	1.8
2	☐	0.000	72.582	185874.45	0.0216	P	0.3
3	☐	1000.000	1094.888	220605.11	0.0260	P	0.6
4	☐	2500.000	2650.733	270540.50	0.0328	P	0.7
5	☐	5000.000	4962.739	346633.48	0.0429	P	0.2
6	☐	10000.000	9915.699	514699.13	0.0644	P	9.9
7	☐	20000.000	20027.880	842600.72	0.1085	P	0.4
8	☐			132900.46	0.0176	P	1.0

$$y = 4.3552\text{E-}006 * x + 0.0212$$

R = 0.9999

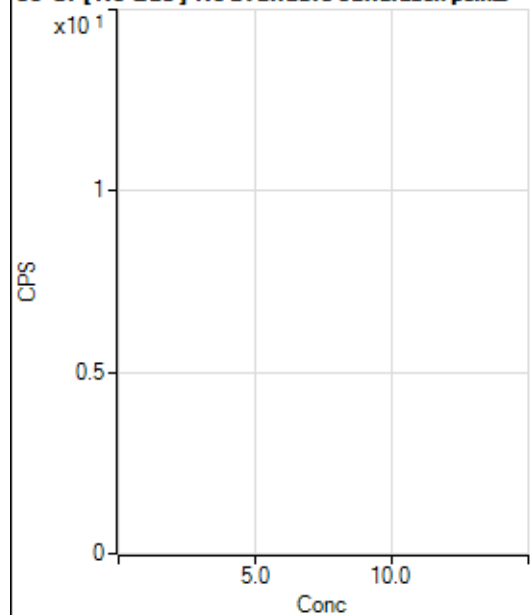
DL = 149.6

BEC = 4876

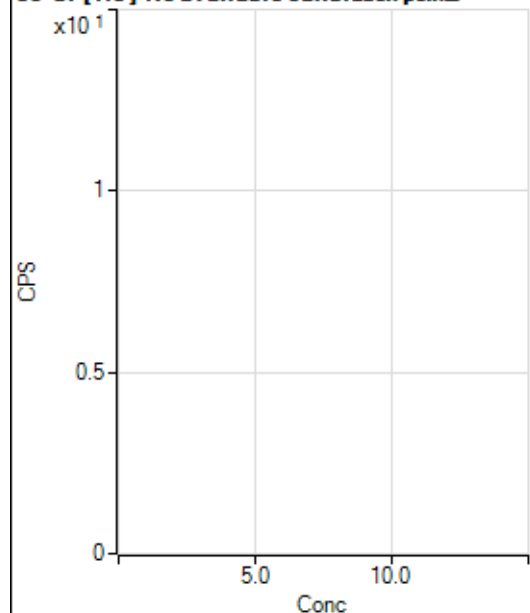
Weight: <None>

Min Conc: 0

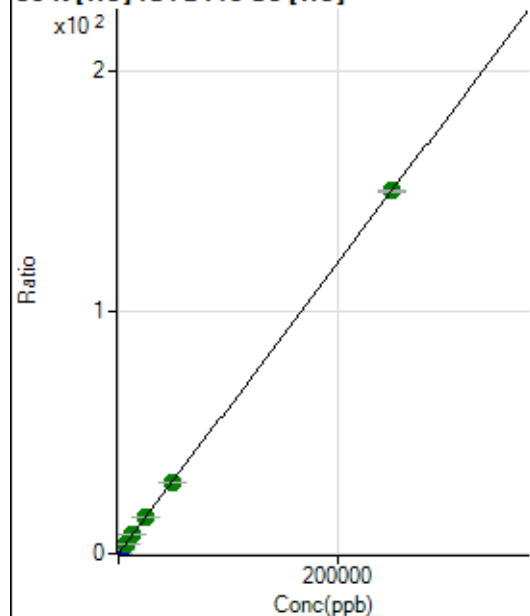
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47364.50	0.0675	P	1.5
2	☐	500.000	542.940	275986.96	0.3933	P	1.0
3	☐	2500.000	2728.691	1161233.03	1.7050	P	1.6
4	☐	6250.000	6453.197	2577508.52	3.9401	A	1.1
5	☐	12500.000	12579.041	4862977.98	7.6162	A	0.9
6	☐	25000.000	24869.816	9350492.01	14.9918	A	1.2
7	☐	50000.000	48849.011	17985139.46	29.3816	A	0.3
8	☐	250000.00	250231.81	93068818.61	150.2308	A	0.4

$$y = 6.0010E-004 * x + 0.0675$$

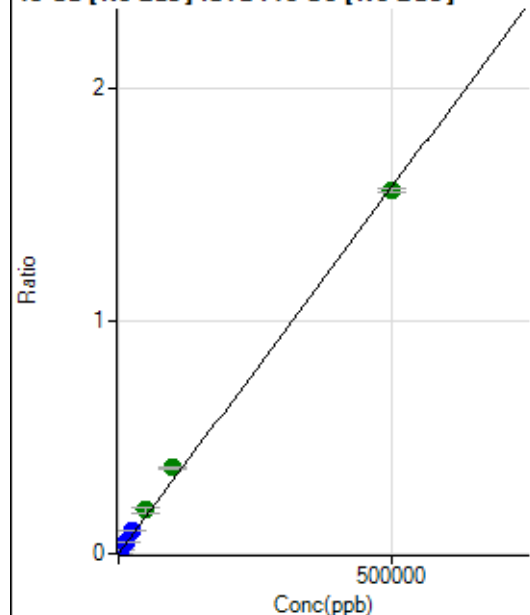
$$R = 1.0000$$

$$DL = 5.169$$

$$BEC = 112.5$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0000	P	10.9
2	☐	500.000	547.524	15108.78	0.0018	P	2.0
3	☐	5000.000	6133.391	163930.80	0.0193	P	0.2
4	☐	12500.000	15472.238	401910.64	0.0487	P	1.5
5	☐	25000.000	30494.866	776256.99	0.0960	P	0.6
6	☐	50000.000	59067.247	1485015.62	0.1858	A	9.7
7	☐	100000.00	117267.89	2866068.81	0.3689	A	1.1
8	☐	500000.00	495279.26	11772478.30	1.5581	A	1.1

$$y = 3.1459\text{E-}006 * x + 2.9534\text{E-}005$$

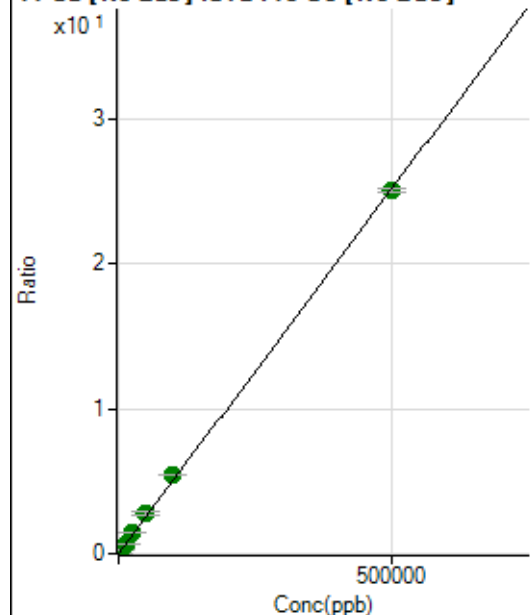
$$R = 0.9993$$

$$DL = 3.072$$

$$BEC = 9.388$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7978.56	0.0009	P	2.4
2	☐	500.000	547.987	246048.18	0.0285	P	0.9
3	☐	5000.000	5516.601	2364044.06	0.2787	A	1.1
4	☐	12500.000	13976.302	5814923.73	0.7046	A	1.0
5	☐	25000.000	27880.190	11362528.72	1.4047	A	1.1
6	☐	50000.000	54372.278	21885948.84	2.7385	A	9.4
7	☐	100000.00	108443.96	42423291.31	5.4609	A	0.4
8	☐	500000.00	497687.84	189332114.9	25.0586	A	1.1

$$y = 5.0348\text{E-}005 * x + 9.4202\text{E-}004$$

$$R = 0.9998$$

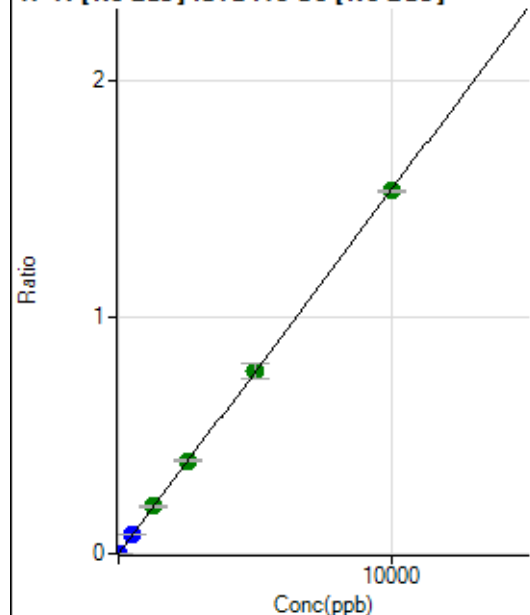
$$DL = 1.363$$

$$BEC = 18.71$$

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	☐	0.000	0.000	118.89	0.0000	P	18.4
2	☐	5.000	4.908	6635.96	0.0008	P	1.4
3	☐	500.000	513.238	670202.79	0.0790	P	0.9
4	☐	1250.000	1295.496	1645473.93	0.1994	A	2.0
5	☐	2500.000	2551.704	3176999.19	0.3928	A	1.1
6	☐	5000.000	5025.807	6183368.59	0.7735	A	9.1
7	☐	10000.000	9967.821	11918343.43	1.5342	A	0.5
8	☐			2509.12	0.0003	P	2.7

$$y = 1.5391\text{E-}004 * x + 1.4031\text{E-}005$$

$$R = 1.0000$$

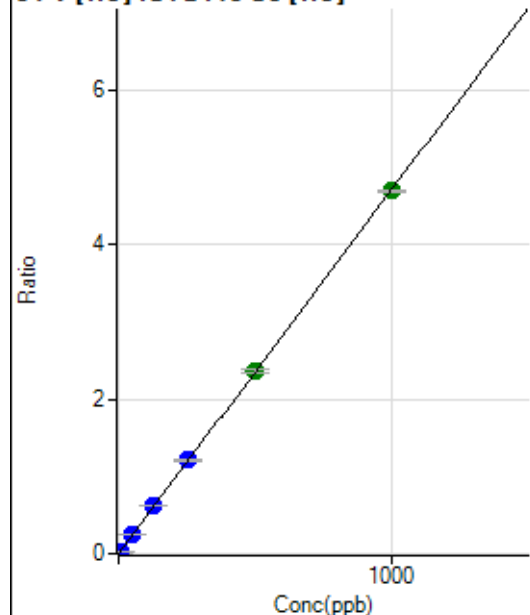
$$DL = 0.05041$$

$$BEC = 0.09117$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	75.8
2	☐	5.000	5.311	17561.42	0.0250	P	2.0
3	☐	50.000	51.905	166517.26	0.2445	P	2.1
4	☐	125.000	130.913	403394.75	0.6167	P	1.7
5	☐	250.000	257.799	775342.93	1.2143	P	1.2
6	☐	500.000	499.926	1468615.08	2.3548	A	2.0
7	☐	1000.000	997.251	2875371.94	4.6974	A	0.4
8	☐			888.93	0.0014	P	6.1

$$y = 0.0047 * x + 1.2528\text{E-}005$$

$$R = 1.0000$$

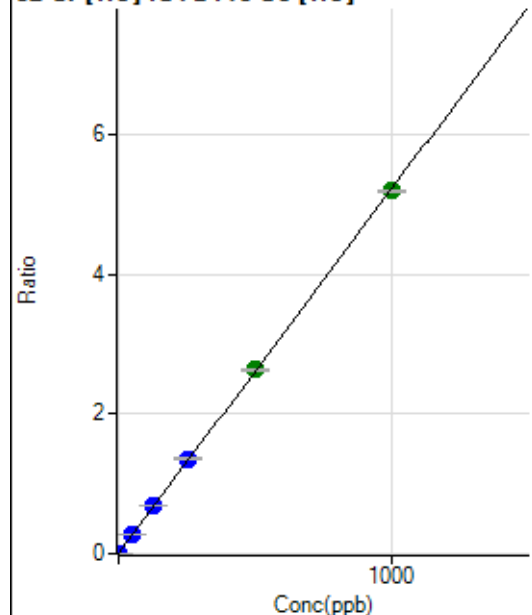
$$DL = 0.006049$$

$$BEC = 0.00266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2396.88	0.0034	P	2.9
2	☐	2.000	1.794	8959.39	0.0128	P	0.9
3	☐	50.000	52.720	189532.84	0.2783	P	2.1
4	☐	125.000	131.903	452133.45	0.6911	P	1.6
5	☐	250.000	259.176	864950.82	1.3547	P	1.5
6	☐	500.000	503.488	1639356.92	2.6286	A	1.8
7	☐	1000.000	994.964	3177560.96	5.1911	A	0.3
8	☐			16573.63	0.0268	P	1.5

$$y = 0.0052 * x + 0.0034$$

$$R = 0.9999$$

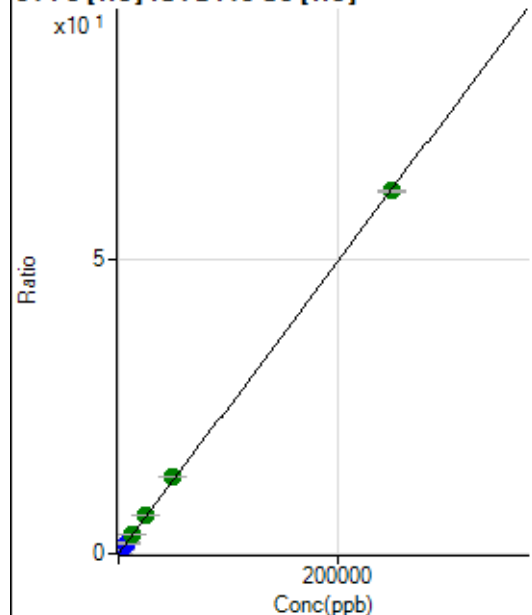
$$DL = 0.05607$$

$$BEC = 0.6551$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1926.81	0.0027	P	5.3
2	☐	50.000	57.826	11961.49	0.0170	P	2.6
3	☐	2500.000	2891.162	488870.43	0.7178	P	1.6
4	☐	6250.000	7234.506	1172268.09	1.7920	P	1.4
5	☐	12500.000	13673.381	2160798.67	3.3845	A	1.7
6	☐	25000.000	26775.412	4132104.35	6.6249	A	1.1
7	☐	50000.000	52835.870	8000516.55	13.0702	A	0.3
8	☐	250000.00	249168.09	38178434.99	61.6274	A	0.6

$$y = 2.4732E-004 * x + 0.0027$$

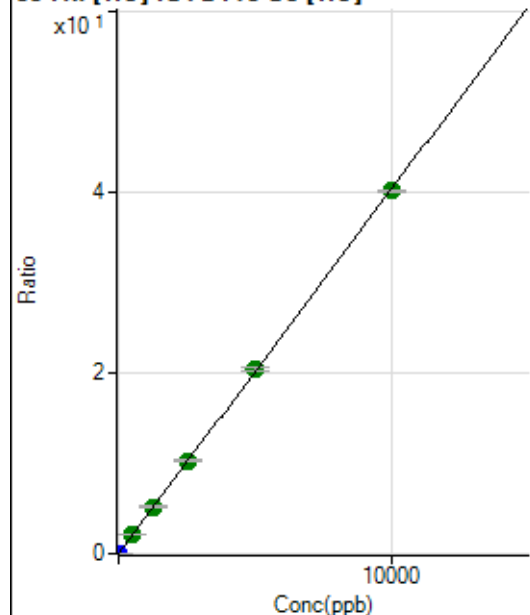
$$R = 0.9999$$

$$DL = 1.758$$

$$BEC = 11.11$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	682.25	0.0010	P	8.8
2	☐	1.000	0.972	3438.20	0.0049	P	0.7
3	☐	500.000	515.134	1418196.89	2.0823	A	1.4
4	☐	1250.000	1288.579	3406276.13	5.2072	A	2.4
5	☐	2500.000	2551.555	6582409.28	10.3100	A	1.8
6	☐	5000.000	5059.314	12749394.95	20.4420	A	1.5
7	☐	10000.000	9951.875	24612891.85	40.2094	A	0.4
8	☐			13774.15	0.0222	P	2.7

$$y = 0.0040 * x + 9.7364E-004$$

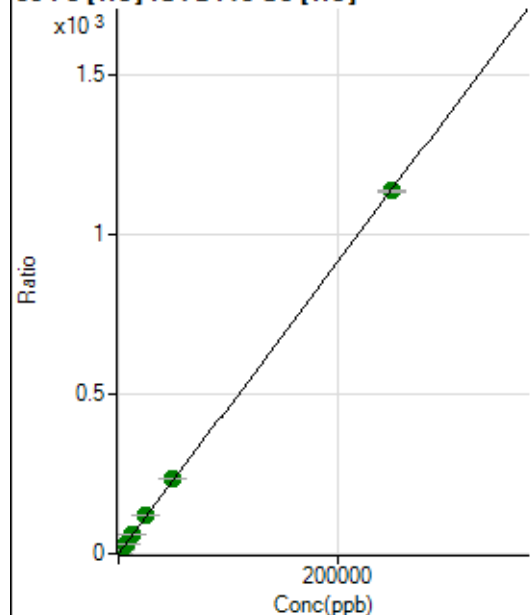
$$R = 1.0000$$

$$DL = 0.06372$$

$$BEC = 0.241$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15822.86	0.0226	P	3.5
2	☐	50.000	55.402	193307.51	0.2755	P	0.6
3	☐	2500.000	2696.937	8401104.94	12.3354	A	1.8
4	☐	6250.000	6757.028	20194489.15	30.8716	A	2.4
5	☐	12500.000	13326.332	38861956.65	60.8636	A	0.9
6	☐	25000.000	26435.028	75289683.88	120.7111	A	1.0
7	☐	50000.000	51981.776	145281912.2	237.3442	A	0.6
8	☐	250000.00	249404.17	705412816.1	1,138.671	A	0.5

$$y = 0.0046 * x + 0.0226$$

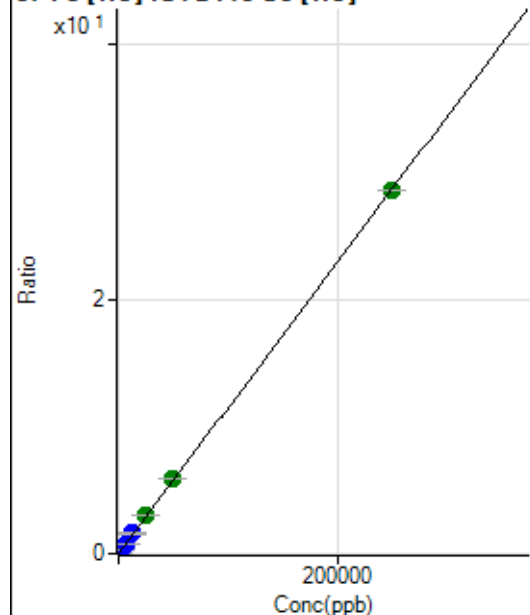
$$R = 1.0000$$

$$DL = 0.5154$$

$$BEC = 4.942$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1364.52	0.0019	P	4.5
2	☐	50.000	58.465	6051.28	0.0086	P	0.8
3	☐	2500.000	2817.588	220512.83	0.3238	P	1.9
4	☐	6250.000	7099.213	531727.07	0.8128	P	1.8
5	☐	12500.000	13901.343	1015066.22	1.5898	P	1.2
6	☐	25000.000	26457.586	1885963.50	3.0240	A	2.0
7	☐	50000.000	51823.795	3624620.15	5.9214	A	0.3
8	☐	250000.00	249395.00	17649004.46	28.4885	A	0.1

$$y = 1.1422\text{E-}004 * x + 0.0019$$

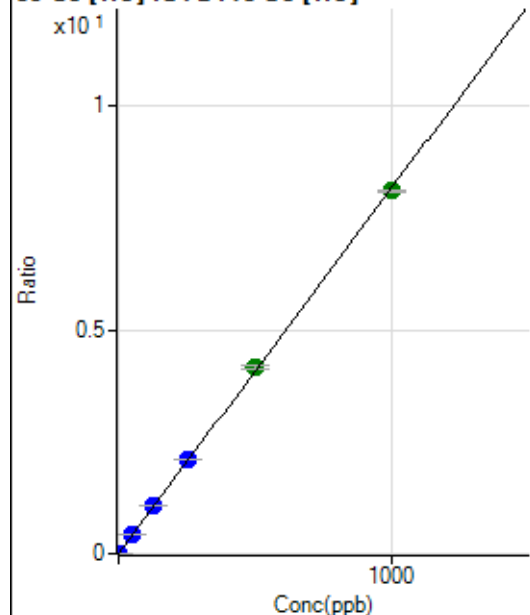
$$R = 1.0000$$

$$DL = 2.308$$

$$BEC = 17.04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0001	P	9.0
2	☐	1.000	1.119	6517.04	0.0093	P	1.5
3	☐	50.000	52.806	294078.37	0.4318	P	1.9
4	☐	125.000	131.713	704434.84	1.0768	P	0.8
5	☐	250.000	257.217	1342504.81	2.1027	P	1.6
6	☐	500.000	509.519	2597733.14	4.1651	A	1.6
7	☐	1000.000	992.457	4966069.65	8.1129	A	0.4
8	☐			13159.19	0.0212	P	2.4

$$y = 0.0082 * x + 1.3931\text{E-}004$$

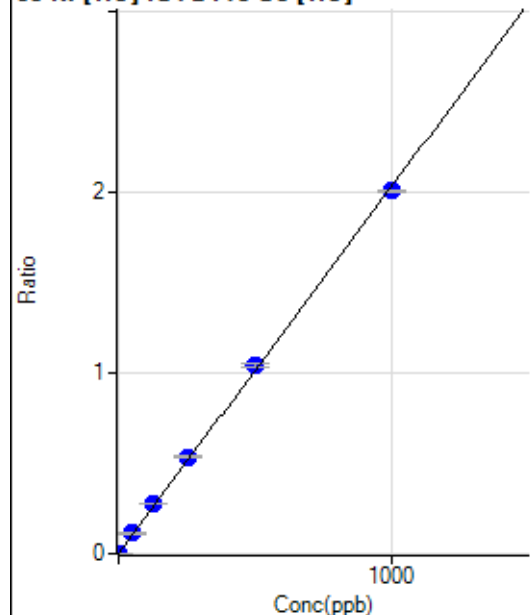
$$R = 0.9999$$

$$DL = 0.004588$$

$$BEC = 0.01704$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	530.02	0.0008	P	2.4
2	☐	1.000	0.866	1762.34	0.0025	P	7.6
3	☐	50.000	55.039	76518.26	0.1124	P	2.1
4	☐	125.000	134.649	179086.54	0.2738	P	1.8
5	☐	250.000	263.329	341379.70	0.5347	P	1.3
6	☐	500.000	513.212	649473.35	1.0413	P	1.3
7	☐	1000.000	988.604	1227424.20	2.0052	P	0.3
8	☐			6472.57	0.0104	P	0.5

$$y = 0.0020 * x + 7.5572E-004$$

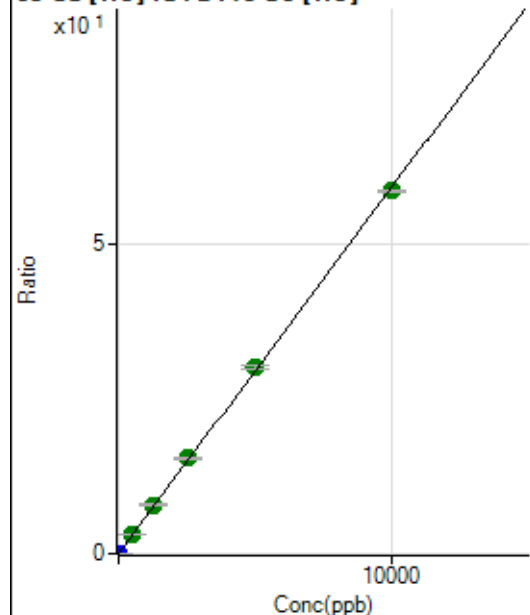
$$R = 0.9998$$

$$DL = 0.02692$$

$$BEC = 0.3727$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	757.80	0.0011	P	8.7
2	☐	2.000	1.994	9007.22	0.0128	P	2.6
3	☐	500.000	536.796	2156748.87	3.1667	A	1.7
4	☐	1250.000	1335.110	5151150.03	7.8745	A	2.2
5	☐	2500.000	2602.848	9799977.63	15.3506	A	2.2
6	☐	5000.000	5102.060	18766025.28	30.0890	A	1.5
7	☐	10000.000	9910.780	35776498.91	58.4470	A	0.4
8	☐			7805.44	0.0126	P	2.2

$$y = 0.0059 * x + 0.0011$$

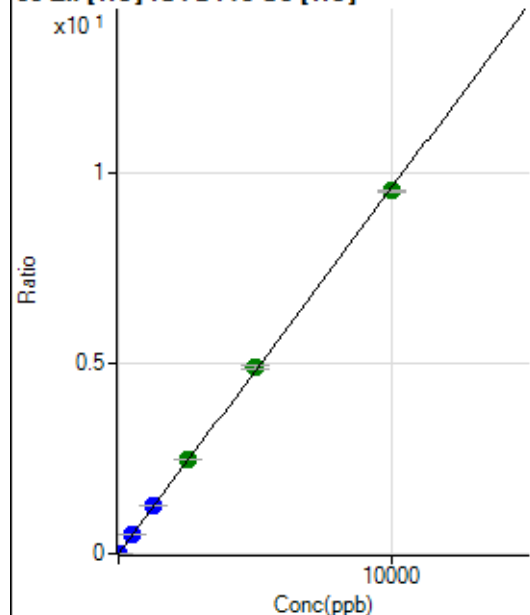
$$R = 0.9998$$

$$DL = 0.04798$$

$$BEC = 0.183$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.12	0.0006	P	13.1
2	☐	5.000	5.361	4019.47	0.0057	P	2.0
3	☐	500.000	524.155	342846.00	0.5034	P	1.9
4	☐	1250.000	1317.538	827195.16	1.2645	P	1.2
5	☐	2500.000	2571.499	1575342.98	2.4674	A	1.5
6	☐	5000.000	5103.449	3053520.69	4.8963	A	2.2
7	☐	10000.000	9920.751	5825744.64	9.5174	A	0.8
8	☐			2906.98	0.0047	P	3.0

$$y = 9.5929\text{E-}004 * x + 5.8569\text{E-}004$$

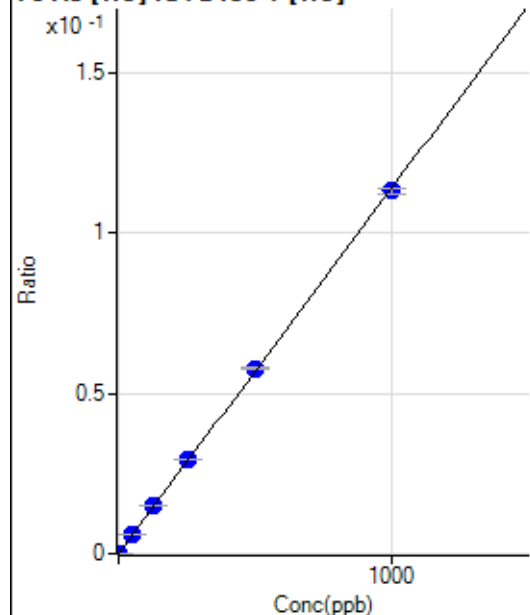
$$R = 0.9999$$

$$DL = 0.2393$$

$$BEC = 0.6105$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	35.2
2	☐	1.000	1.132	552.24	0.0001	P	16.6
3	☐	50.000	53.049	25065.68	0.0061	P	1.7
4	☐	125.000	132.252	60340.85	0.0151	P	2.4
5	☐	250.000	258.669	116419.41	0.0295	P	0.7
6	☐	500.000	507.095	225017.00	0.0579	P	1.4
7	☐	1000.000	993.226	434837.15	0.1133	P	1.7
8	☐			234.45	0.0001	P	11.6

$$y = 1.1408\text{E-}004 * x + 2.3806\text{E-}006$$

$$R = 0.9999$$

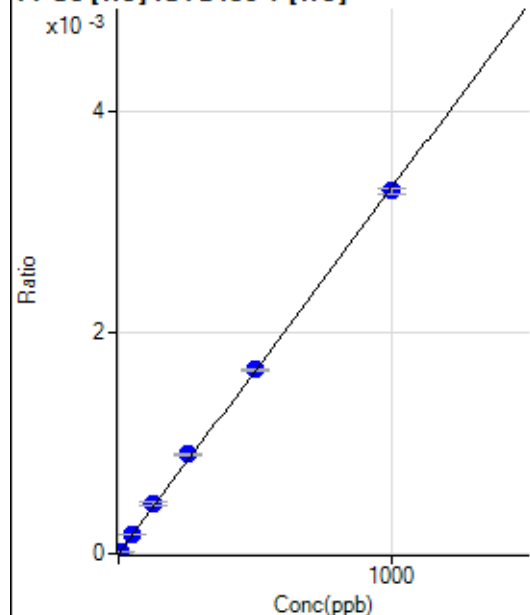
$$DL = 0.02205$$

$$BEC = 0.02087$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.697	80.00	0.0000	P	27.5
3	☐	50.000	51.612	706.69	0.0002	P	5.7
4	☐	125.000	134.560	1776.80	0.0004	P	8.2
5	☐	250.000	270.889	3528.24	0.0009	P	3.4
6	☐	500.000	502.815	6457.02	0.0017	P	1.1
7	☐	1000.000	992.091	12568.76	0.0033	P	1.9
8	☐			8.89	0.0000	P	21.9

$$y = 3.3009\text{E-}006 * x + 2.6713\text{E-}007$$

$$R = 0.9997$$

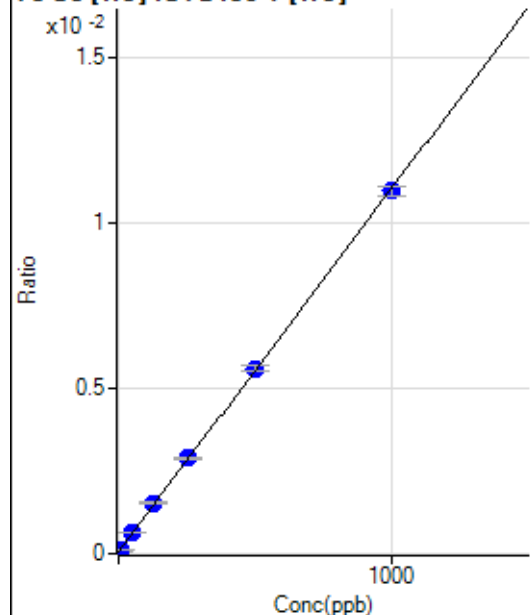
$$DL = 0.4205$$

$$BEC = 0.08092$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	240.01	0.0001	P	16.8
2	☐	5.000	5.480	491.13	0.0001	P	8.7
3	☐	50.000	53.519	2668.04	0.0006	P	2.6
4	☐	125.000	134.628	6137.99	0.0015	P	2.6
5	☐	250.000	257.689	11383.33	0.0029	P	1.6
6	☐	500.000	505.577	21806.15	0.0056	P	2.2
7	☐	1000.000	993.908	42086.26	0.0110	P	2.4
8	☐			217.78	0.0001	P	13.7

$$y = 1.0977\text{E-}005 * x + 5.6987\text{E-}005$$

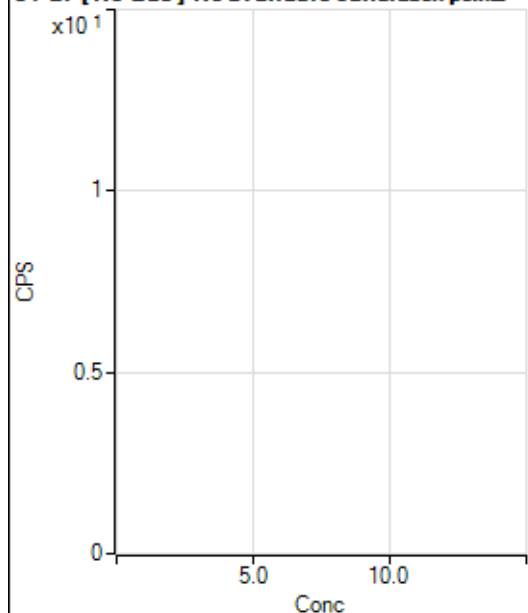
$$R = 0.9999$$

$$DL = 2.62$$

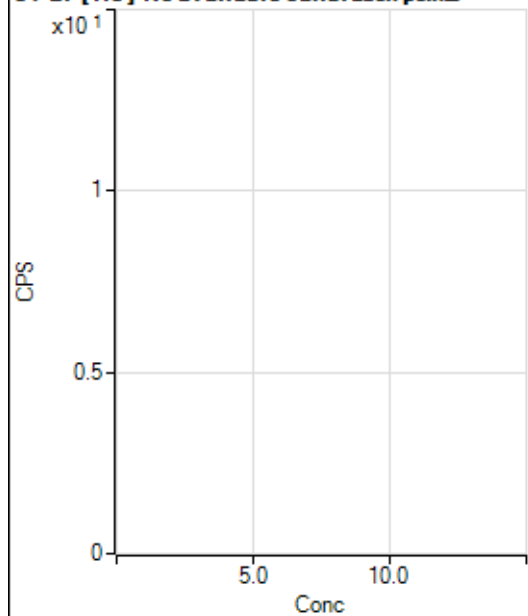
$$BEC = 5.191$$

Weight: <None>

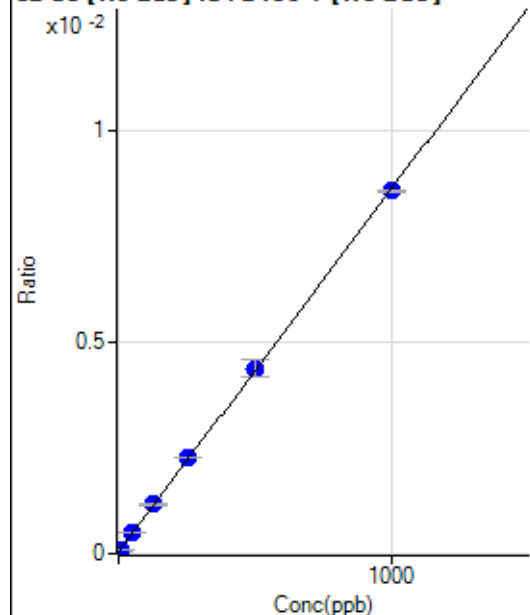
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10154.70		P	1.8
2	☐			10508.27		P	1.2
3	☐			10202.51		P	3.1
4	☐			9626.54		P	3.2
5	☐			9174.06		P	0.9
6	☐			9031.72		P	2.5
7	☐			8969.45		P	1.2
8	☐			9509.81		P	3.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.11		P	23.5
2	☐			43.33		P	13.3
3	☐			50.00		P	20.0
4	☐			52.22		P	9.7
5	☐			43.33		P	42.8
6	☐			52.22		P	9.7
7	☐			63.33		P	5.3
8	☐			76.67		P	42.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	693.65	0.0000	P	3.5
2	☐	5.000	5.574	1523.52	0.0001	P	4.6
3	☐	50.000	53.542	8479.78	0.0005	P	0.8
4	☐	125.000	131.326	19520.95	0.0012	P	2.3
5	☐	250.000	259.055	37152.00	0.0023	P	0.6
6	☐	500.000	504.966	70865.08	0.0044	P	9.7
7	☐	1000.000	994.282	134939.67	0.0086	P	0.6
8	☐			821.85	0.0001	P	3.4

$$y = 8.5959\text{E-}006 * x + 4.0997\text{E-}005$$

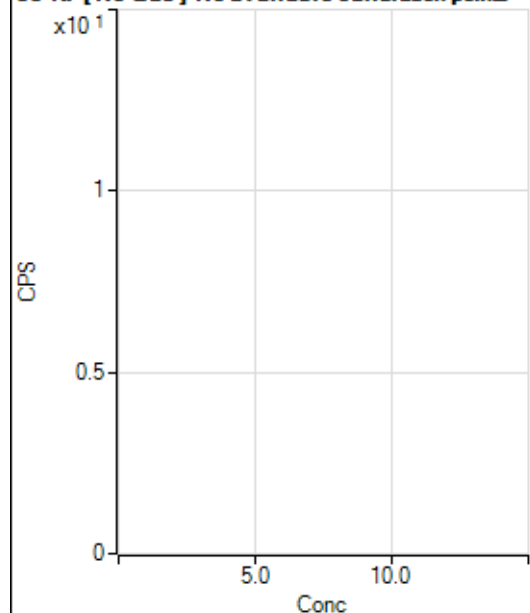
$$R = 0.9999$$

$$DL = 0.4955$$

$$BEC = 4.769$$

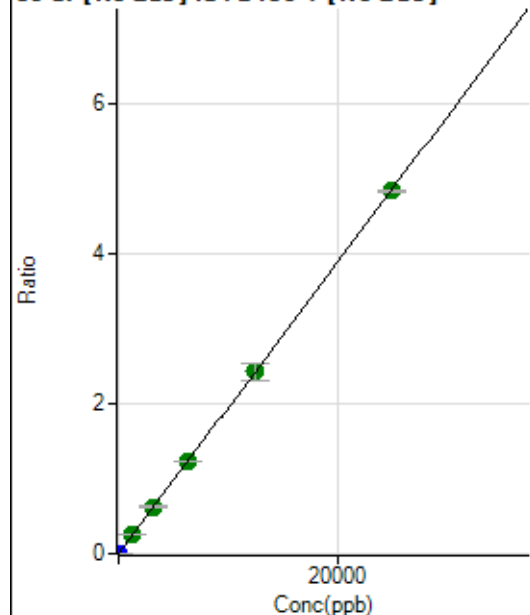
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			150.00		P	11.8
2	☐			158.89		P	17.6
3	☐			176.67		P	14.7
4	☐			171.11		P	3.0
5	☐			162.22		P	23.7
6	☐			183.34		P	23.8
7	☐			196.67		P	26.6
8	☐			200.00		P	13.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	301.12	0.0000	P	4.4
2	☐	1.000	1.018	3690.49	0.0002	P	1.1
3	☐	1250.000	1292.542	4241553.06	0.2507	A	0.6
4	☐	3125.000	3220.913	10425936.23	0.6248	A	1.3
5	☐	6250.000	6354.452	20191647.90	1.2325	A	0.6
6	☐	12500.000	12517.781	39281472.47	2.4280	A	9.1
7	☐	25000.000	24950.880	76041884.42	4.8395	A	0.6
8	☐			12917.98	0.0009	P	4.8

$$y = 1.9396E-004 * x + 1.7799E-005$$

$$R = 1.0000$$

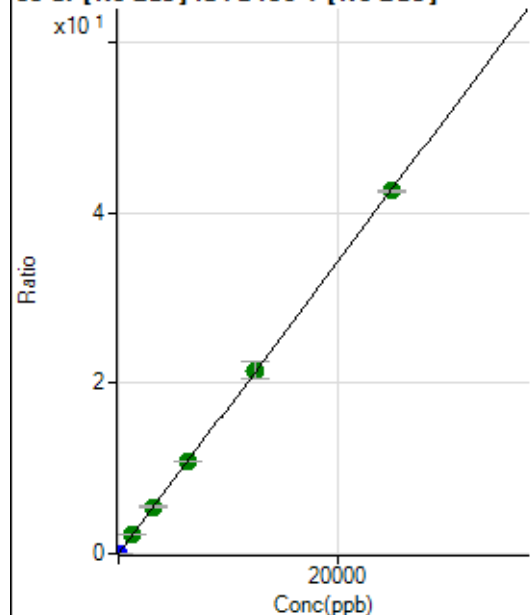
$$DL = 0.0121$$

$$BEC = 0.09177$$

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	☐	0.000	0.000	226.67	0.0000	P	21.3
2	☐	1.000	1.028	30313.45	0.0018	P	1.0
3	☐	1250.000	1284.906	37126953.61	2.1945	A	0.6
4	☐	3125.000	3220.874	91802339.74	5.5010	A	1.3
5	☐	6250.000	6315.254	176696899.5	10.7860	A	0.9
6	☐	12500.000	12569.968	347224701.4	21.4686	A	9.7
7	☐	25000.000	24934.973	669158874.4	42.5871	A	0.5
8	☐			111588.60	0.0075	P	5.5

$$y = 0.0017 * x + 1.3369E-005$$

$$R = 1.0000$$

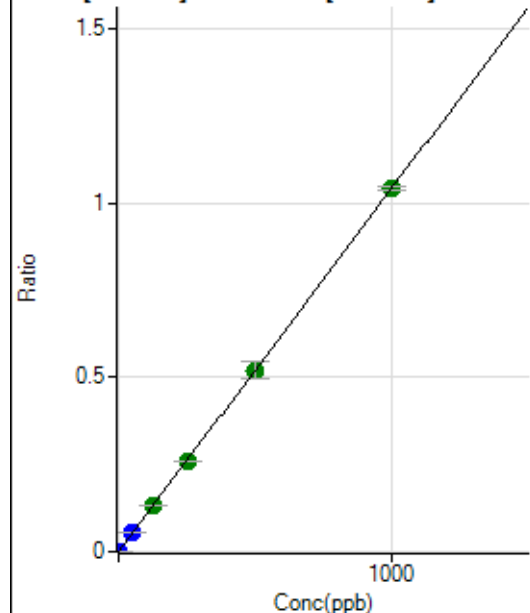
$$DL = 0.005001$$

$$BEC = 0.007828$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	960.04	0.0001	P	4.9
2	☐	1.000	1.000	18818.81	0.0011	P	0.4
3	☐	50.000	50.363	887996.92	0.0525	P	0.2
4	☐	125.000	127.072	2208466.08	0.1323	A	2.2
5	☐	250.000	250.898	4280092.92	0.2613	A	0.4
6	☐	500.000	500.174	8420400.29	0.5208	A	10.1
7	☐	1000.000	999.412	16349574.48	1.0405	A	1.0
8	☐			10656.17	0.0007	P	0.9

$$y = 0.0010 * x + 5.6739E-005$$

$$R = 1.0000$$

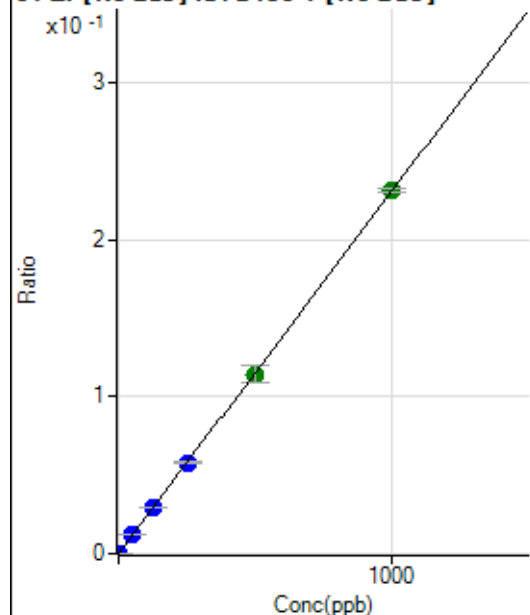
$$DL = 0.008038$$

$$BEC = 0.0545$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	181.11	0.0000	P	14.0
2	☐	1.000	1.024	4236.20	0.0002	P	3.0
3	☐	50.000	50.796	198587.41	0.0117	P	0.1
4	☐	125.000	126.516	487650.54	0.0292	P	1.1
5	☐	250.000	251.563	951670.73	0.0581	P	0.6
6	☐	500.000	494.793	1847449.57	0.1142	A	10.0
7	☐	1000.000	1001.984	3635051.23	0.2314	A	1.0
8	☐			2334.66	0.0002	P	3.9

$$y = 2.3088E-004 * x + 1.0703E-005$$

$$R = 1.0000$$

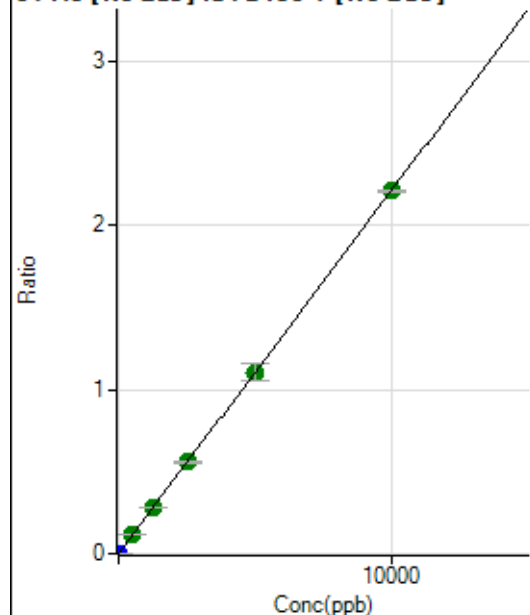
$$DL = 0.01944$$

$$BEC = 0.04636$$

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	☐	0.000	0.000	504.46	0.0000	P	5.9
2	☐	5.000	5.622	21814.11	0.0013	P	1.3
3	☐	500.000	514.041	1923158.27	0.1137	A	0.3
4	☐	1250.000	1274.231	4701567.67	0.2817	A	1.8
5	☐	2500.000	2521.465	9133005.84	0.5575	A	0.9
6	☐	5000.000	4998.123	17872777.23	1.1050	A	9.7
7	☐	10000.000	9991.841	34710764.76	2.2091	A	0.6
8	☐			11474.58	0.0008	P	2.3

$$y = 2.2109\text{E-}004 * x + 2.9809\text{E-}005$$

$$R = 1.0000$$

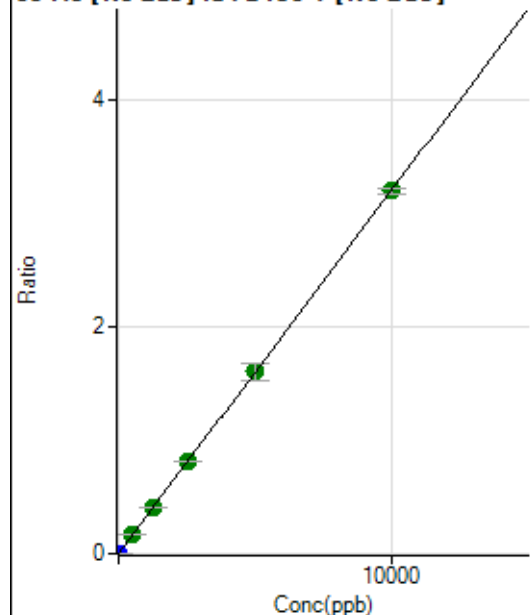
$$DL = 0.02377$$

$$BEC = 0.1348$$

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	☐	0.000	0.000	260.00	0.0000	P	11.3
2	☐	5.000	4.802	26622.02	0.0016	P	1.9
3	☐	500.000	511.713	2772925.69	0.1639	A	1.1
4	☐	1250.000	1275.880	6819999.07	0.4087	A	1.4
5	☐	2500.000	2533.054	13291355.64	0.8113	A	0.5
6	☐	5000.000	5003.486	25915386.84	1.6026	A	10.0
7	☐	10000.000	9986.173	50255685.92	3.1985	A	1.3
8	☐			12088.41	0.0008	P	4.1

$$y = 3.2029\text{E-}004 * x + 1.5363\text{E-}005$$

$$R = 1.0000$$

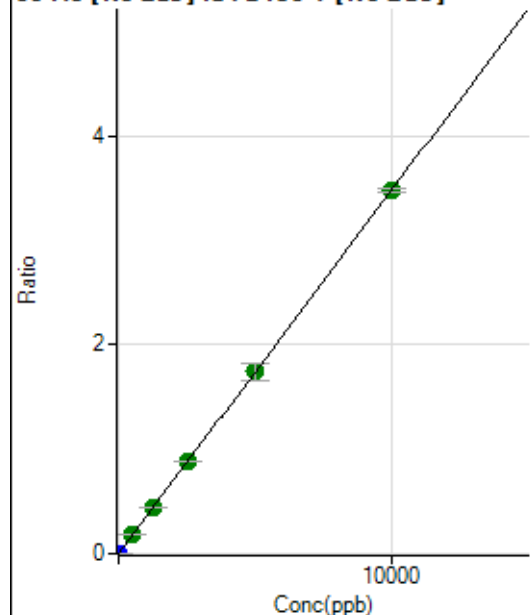
$$DL = 0.01632$$

$$BEC = 0.04797$$

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	☐	0.000	0.000	403.34	0.0000	P	8.5
2	☐	5.000	4.911	29690.17	0.0017	P	1.8
3	☐	500.000	510.371	3004314.99	0.1776	A	0.5
4	☐	1250.000	1276.873	7413743.36	0.4443	A	1.4
5	☐	2500.000	2527.308	14404784.79	0.8793	A	0.5
6	☐	5000.000	5010.794	28193101.24	1.7433	A	9.8
7	☐	10000.000	9983.898	54577208.63	3.4735	A	0.9
8	☐			23240.76	0.0016	P	2.4

$$y = 3.4791\text{E-}004 * x + 2.3847\text{E-}005$$

$$R = 1.0000$$

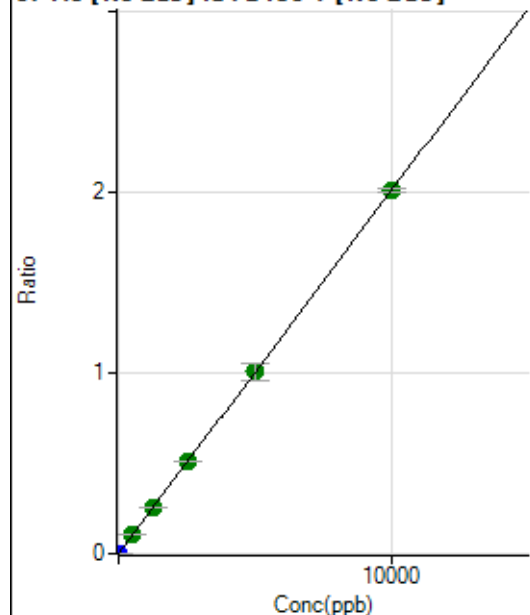
$$DL = 0.01749$$

$$BEC = 0.06854$$

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	☐	0.000	0.000	167.78	0.0000	P	5.4
2	☐	5.000	4.766	16565.05	0.0010	P	0.6
3	☐	500.000	512.054	1738795.67	0.1028	A	0.4
4	☐	1250.000	1281.242	4291612.09	0.2572	A	1.2
5	☐	2500.000	2525.248	8303049.46	0.5068	A	0.5
6	☐	5000.000	5004.610	16244745.04	1.0045	A	9.8
7	☐	10000.000	9986.875	31494131.47	2.0044	A	1.0
8	☐			7446.39	0.0005	P	4.9

$$y = 2.0070\text{E-}004 * x + 9.9185\text{E-}006$$

$$R = 1.0000$$

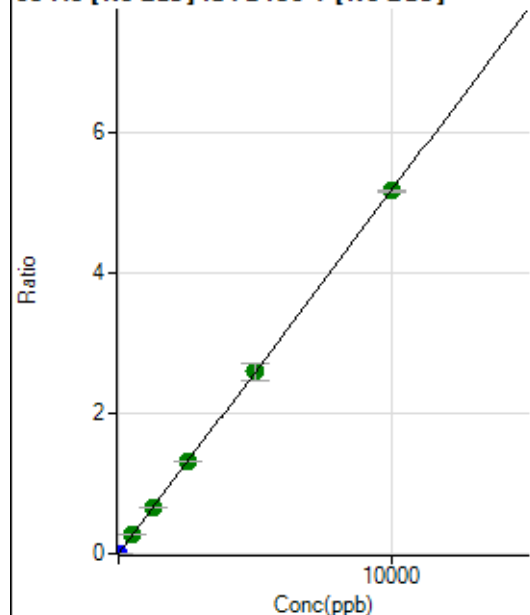
$$DL = 0.008014$$

$$BEC = 0.04942$$

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	☐	0.000	0.000	447.79	0.0000	P	12.3
2	☐	5.000	4.791	43006.45	0.0025	P	1.4
3	☐	500.000	510.389	4475558.75	0.2646	A	1.0
4	☐	1250.000	1279.389	11066858.17	0.6631	A	0.9
5	☐	2500.000	2529.110	21474389.68	1.3108	A	0.1
6	☐	5000.000	5003.867	41926485.77	2.5935	A	10.4
7	☐	10000.000	9986.596	81327032.68	5.1759	A	0.9
8	☐			19073.67	0.0013	P	5.3

$$y = 5.1829\text{E-}004 * x + 2.6439\text{E-}005$$

$$R = 1.0000$$

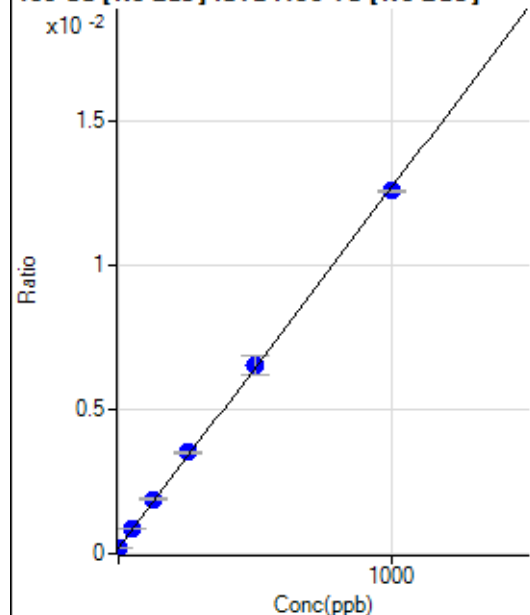
$$DL = 0.01882$$

$$BEC = 0.05101$$

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	☐	0.000	0.000	3936.13	0.0002	P	4.3
2	☐	1.000	2.200	4545.20	0.0002	P	0.7
3	☐	50.000	55.607	17972.30	0.0009	P	1.2
4	☐	125.000	135.618	38051.93	0.0019	P	2.2
5	☐	250.000	265.041	69876.96	0.0035	P	1.5
6	☐	500.000	507.632	130879.39	0.0065	P	9.7
7	☐	1000.000	990.815	246921.84	0.0125	P	0.2
8	☐			3683.83	0.0002	P	1.4

$$y = 1.2468\text{E-}005 * x + 1.9691\text{E-}004$$

$$R = 0.9998$$

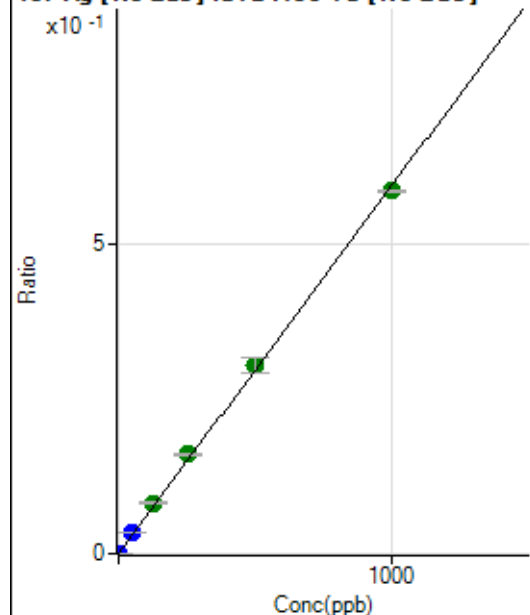
$$DL = 2.021$$

$$BEC = 15.79$$

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	☐	0.000	0.000	73.33	0.0000	P	16.2
2	☐	1.000	1.068	12903.60	0.0006	P	1.4
3	☐	50.000	55.130	659994.89	0.0327	P	0.4
4	☐	125.000	137.412	1642209.05	0.0815	A	2.9
5	☐	250.000	270.191	3197216.48	0.1602	A	1.3
6	☐	500.000	512.581	6097323.87	0.3039	A	9.1
7	☐	1000.000	986.853	11511995.11	0.5851	A	0.6
8	☐			1722.34	0.0001	P	5.8

$$y = 5.9291\text{E-}004 * x + 3.6675\text{E-}006$$

$$R = 0.9996$$

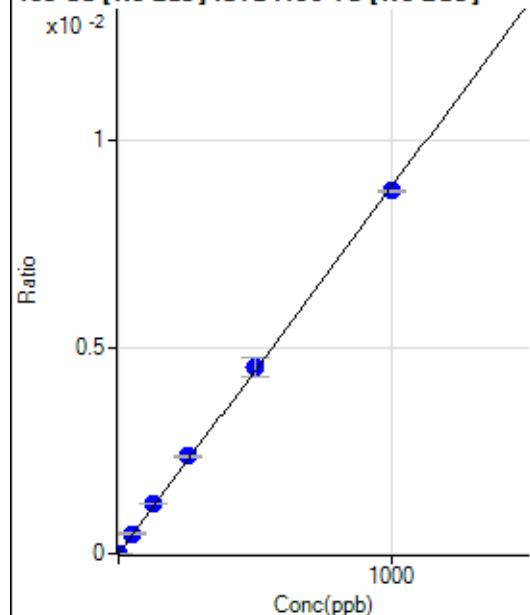
$$DL = 0.003015$$

$$BEC = 0.006186$$

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	☐	0.000	0.000	8.89	0.0000	P	94.2
2	☐	1.000	1.094	205.56	0.0000	P	16.9
3	☐	50.000	54.944	9850.09	0.0005	P	2.6
4	☐	125.000	136.662	24455.13	0.0012	P	0.4
5	☐	250.000	265.136	46956.76	0.0024	P	1.1
6	☐	500.000	510.742	90863.10	0.0045	P	10.2
7	☐	1000.000	989.140	172674.73	0.0088	P	0.5
8	☐			80.00	0.0000	P	12.3

$$y = 8.8724\text{E-}006 * x + 4.4569\text{E-}007$$

$$R = 0.9998$$

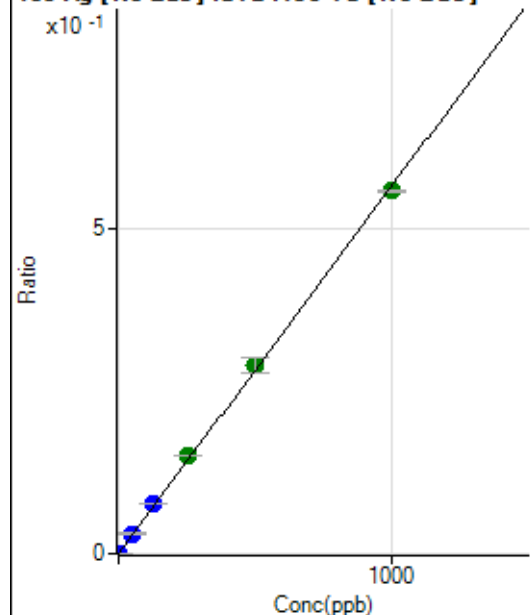
$$DL = 0.142$$

$$BEC = 0.05023$$

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	☐	0.000	0.000	28.89	0.0000	P	37.0
2	☐	1.000	1.085	12456.53	0.0006	P	1.1
3	☐	50.000	54.884	626415.27	0.0310	P	0.9
4	☐	125.000	135.068	1539139.80	0.0764	P	2.2
5	☐	250.000	268.286	3027036.28	0.1517	A	0.7
6	☐	500.000	512.297	5811066.72	0.2896	A	8.8
7	☐	1000.000	987.777	10986587.75	0.5584	A	0.2
8	☐			1659.00	0.0001	P	11.2

$$y = 5.6531E-004 * x + 1.4448E-006$$

$$R = 0.9997$$

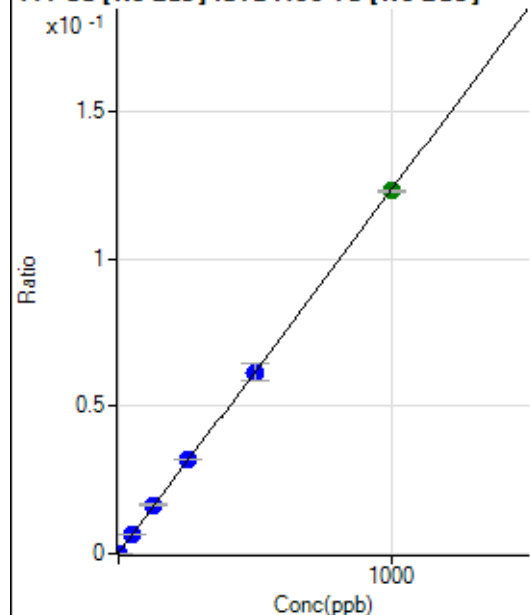
$$DL = 0.002835$$

$$BEC = 0.002556$$

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	☐	0.000	0.000	2755.73	0.0001	P	4.2
2	☐	1.000	1.180	5735.81	0.0003	P	1.4
3	☐	50.000	53.993	137001.21	0.0068	P	0.5
4	☐	125.000	133.627	334444.76	0.0166	P	1.7
5	☐	250.000	258.535	638060.56	0.0320	P	0.7
6	☐	500.000	498.871	1234699.23	0.0616	P	9.6
7	☐	1000.000	997.152	2418270.94	0.1229	A	0.6
8	☐			2916.03	0.0002	P	1.6

$$y = 1.2313E-004 * x + 1.3786E-004$$

$$R = 0.9999$$

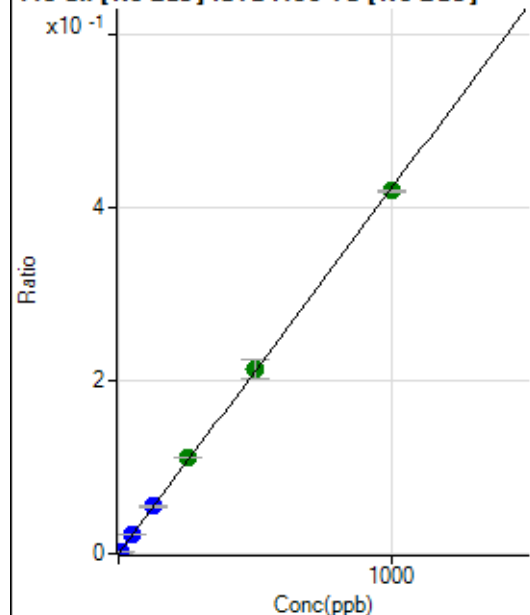
$$DL = 0.1427$$

$$BEC = 1.12$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1343.41	0.0001	P	6.1
2	☐	5.000	5.099	44969.87	0.0022	P	1.8
3	☐	50.000	53.863	460397.66	0.0228	P	0.6
4	☐	125.000	129.156	1100448.50	0.0546	P	1.3
5	☐	250.000	262.208	2210365.42	0.1108	A	1.3
6	☐	500.000	506.375	4287867.92	0.2138	A	9.9
7	☐	1000.000	993.047	8248869.67	0.4193	A	0.8
8	☐			8943.95	0.0005	P	4.6

$$y = 4.2213\text{E-}004 * x + 6.7188\text{E-}005$$

$$R = 0.9999$$

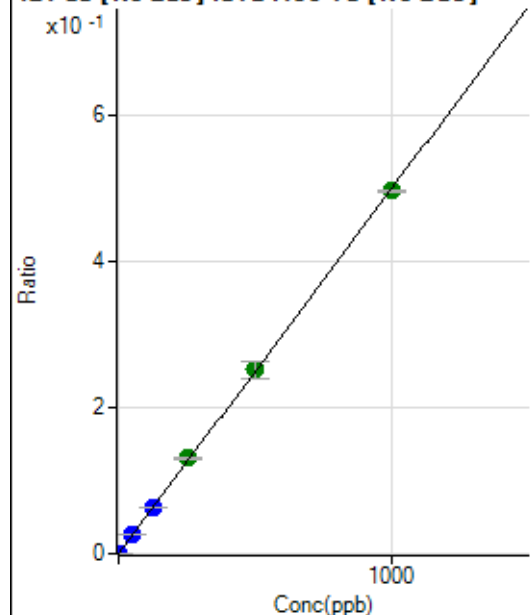
$$DL = 0.02906$$

$$BEC = 0.1592$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0000	P	16.7
2	☐	2.000	2.064	20948.66	0.0010	P	3.0
3	☐	50.000	51.289	517166.50	0.0256	P	0.9
4	☐	125.000	127.423	1282840.01	0.0636	P	1.7
5	☐	250.000	261.986	2611196.75	0.1308	A	1.1
6	☐	500.000	503.852	5045929.13	0.2516	A	10.0
7	☐	1000.000	994.710	9773655.13	0.4968	A	0.3
8	☐			7695.46	0.0004	P	4.9

$$y = 4.9940\text{E-}004 * x + 3.4998\text{E-}006$$

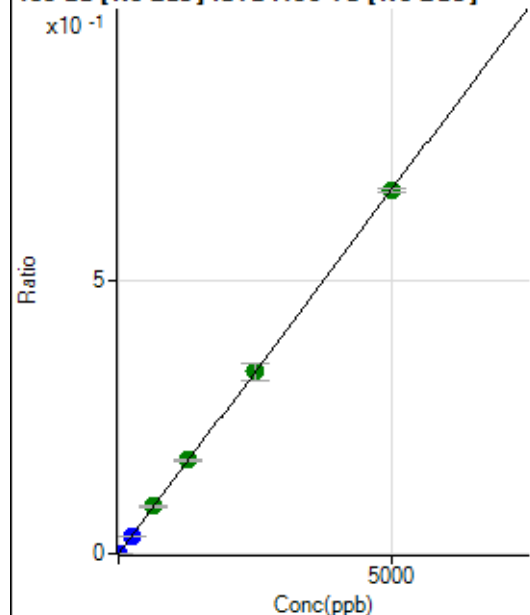
$$R = 0.9999$$

$$DL = 0.003511$$

$$BEC = 0.007008$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	15.5
2	☐	10.000	9.969	26945.53	0.0013	P	1.6
3	☐	250.000	248.246	667651.27	0.0331	P	0.6
4	☐	625.000	651.105	1748406.47	0.0867	A	1.7
5	☐	1250.000	1284.770	3415700.16	0.1711	A	0.6
6	☐	2500.000	2504.792	6692543.37	0.3337	A	9.4
7	☐	5000.000	4985.736	13066678.14	0.6641	A	0.9
8	☐			4936.46	0.0003	P	4.3

$$y = 1.3321\text{E-}004 * x + 2.2230\text{E-}006$$

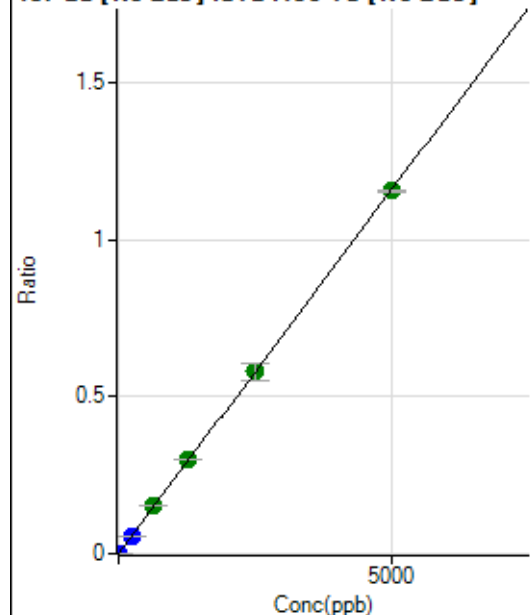
$$R = 1.0000$$

$$DL = 0.007742$$

$$BEC = 0.01669$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81.11	0.0000	P	32.6
2	☐	10.000	9.909	46638.40	0.0023	P	0.6
3	☐	250.000	247.003	1156530.04	0.0573	P	0.5
4	☐	625.000	653.944	3057186.55	0.1517	A	1.6
5	☐	1250.000	1287.100	5957213.87	0.2985	A	0.3
6	☐	2500.000	2501.233	11633145.52	0.5801	A	9.7
7	☐	5000.000	4986.641	22752786.60	1.1564	A	0.4
8	☐			8554.87	0.0005	P	3.2

$$y = 2.3190\text{E-}004 * x + 4.0519\text{E-}006$$

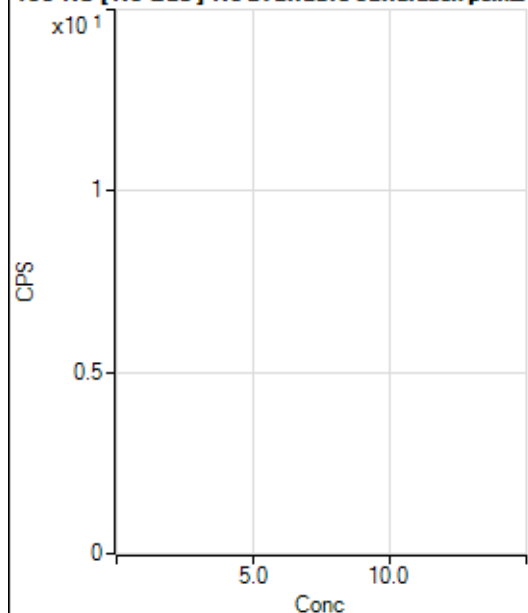
$$R = 1.0000$$

$$DL = 0.0171$$

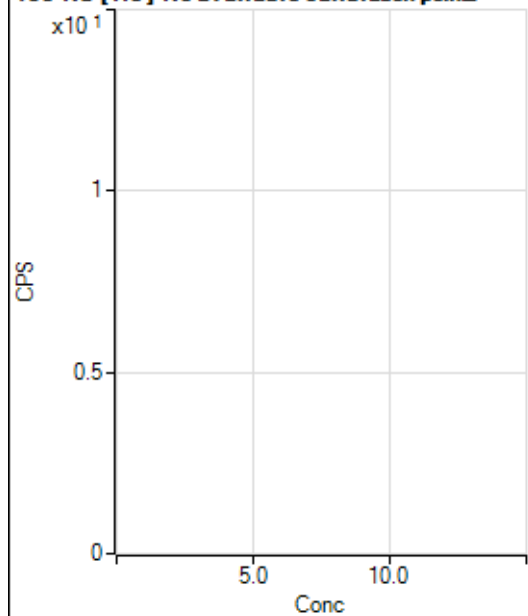
$$BEC = 0.01747$$

Weight: <None>

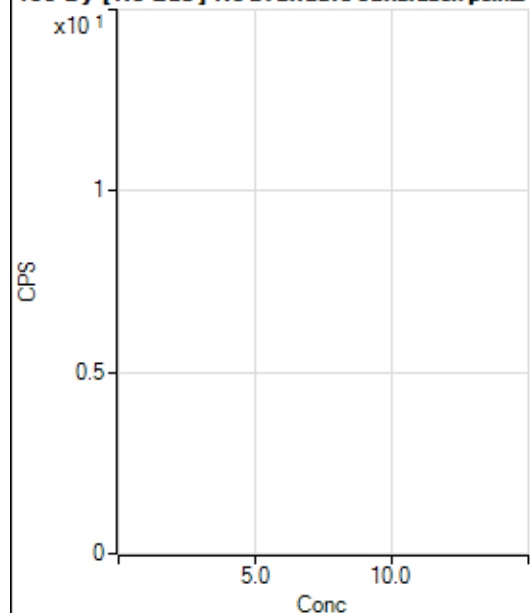
Min Conc: 0

150 Nd [No Gas] No available calibration points

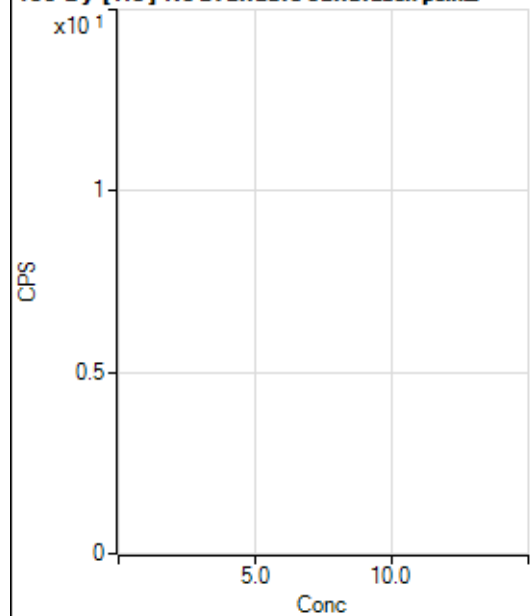
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			16.67		P	60.0
3	☐			50.00		P	33.3
4	☐			76.67		P	13.0
5	☐			180.01		P	3.2
6	☐			313.34		P	3.8
7	☐			650.02		P	8.1
8	☐			817.81		P	4.9

150 Nd [He] No available calibration points

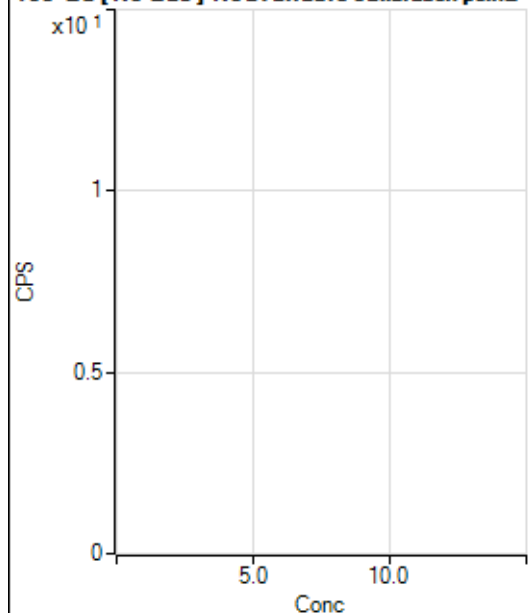
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			7.78		P	49.5
3	☐			17.78		P	10.8
4	☐			21.11		P	59.8
5	☐			46.67		P	18.9
6	☐			73.34		P	15.7
7	☐			133.34		P	19.5
8	☐			484.46		P	13.4

156 Dy [No Gas] No available calibration points

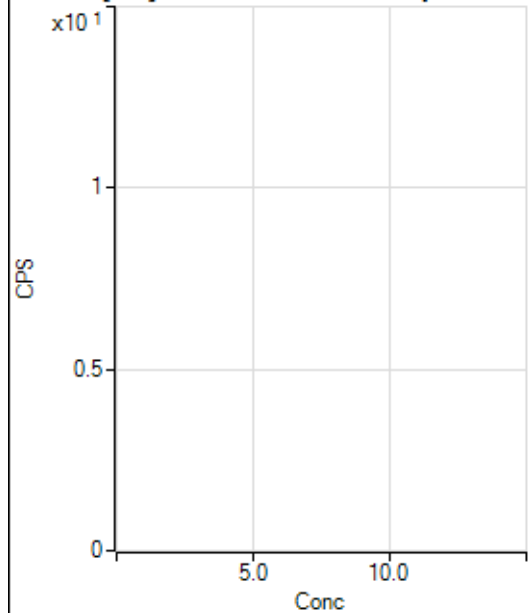
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			13.33		P	50.0
3	☐			23.33		P	37.8
4	☐			27.78		P	18.3
5	☐			70.00		P	12.6
6	☐			118.89		P	18.2
7	☐			210.00		P	8.2
8	☐			375.57		P	8.4

156 Dy [He] No available calibration points

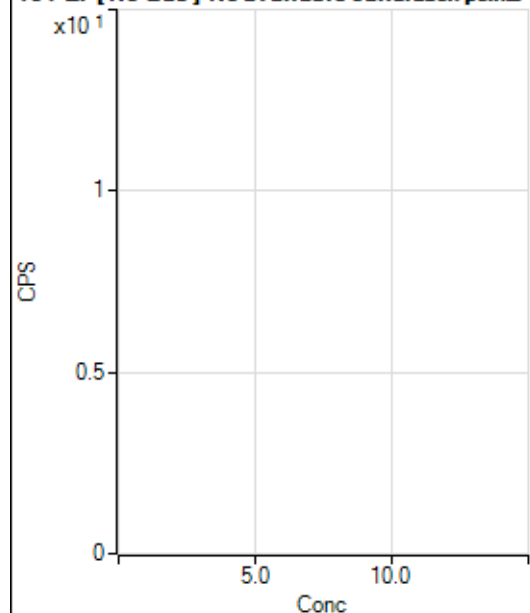
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			13.33		P	25.0
3	☐			27.78		P	25.0
4	☐			104.45		P	26.0
5	☐			154.45		P	17.4
6	☐			312.23		P	2.5
7	☐			585.57		P	5.9
8	☐			340.00		P	1.7

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

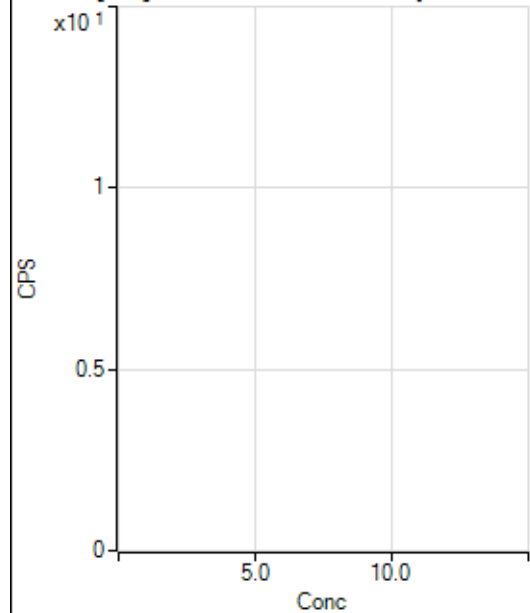
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	13.7
2	☐			104.44		P	1.8
3	☐			70.00		P	9.5
4	☐			76.67		P	15.7
5	☐			104.45		P	17.6
6	☐			126.67		P	10.5
7	☐			158.89		P	31.8
8	☐			435.57		P	9.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			757.81		P	4.7
2	☐			727.80		P	9.7
3	☐			791.14		P	8.9
4	☐			715.58		P	10.9
5	☐			723.36		P	8.4
6	☐			728.91		P	9.3
7	☐			730.03		P	12.0
8	☐			983.38		P	6.2

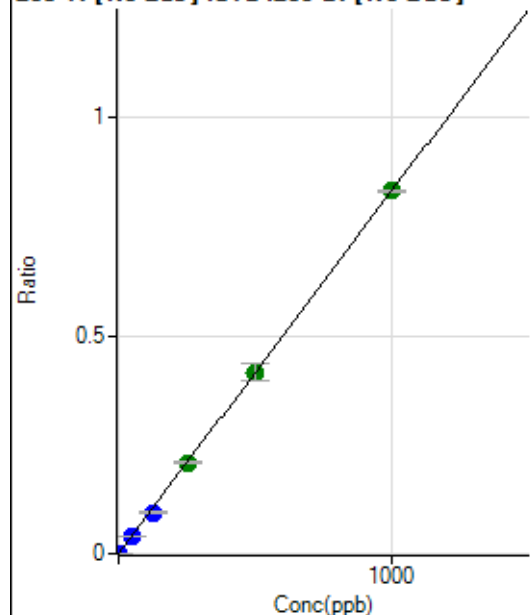
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			164.45		P	15.2
2	☐			147.78		P	10.2
3	☐			146.67		P	8.2
4	☐			140.00		P	18.6
5	☐			191.11		P	9.9
6	☐			198.89		P	19.3
7	☐			235.56		P	14.9
8	☐			741.14		P	7.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			84.45		P	8.2
2	☐			92.22		P	14.6
3	☐			80.00		P	20.8
4	☐			114.45		P	4.4
5	☐			136.67		P	21.3
6	☐			130.00		P	13.6
7	☐			138.89		P	10.8
8	☐			482.23		P	8.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0000	P	35.0
2	☐	1.000	0.882	8987.48	0.0007	P	3.2
3	☐	50.000	45.324	456690.40	0.0377	P	0.7
4	☐	125.000	113.427	1148263.38	0.0943	P	1.2
5	☐	250.000	251.710	2511061.53	0.2094	A	0.7
6	☐	500.000	500.819	5004100.03	0.4165	A	8.8
7	☐	1000.000	1000.844	9663718.19	0.8324	A	0.6
8	☐			1090.06	0.0001	P	10.7

$$y = 8.3170\text{E-}004 * x + 3.9062\text{E-}006$$

$$R = 0.9999$$

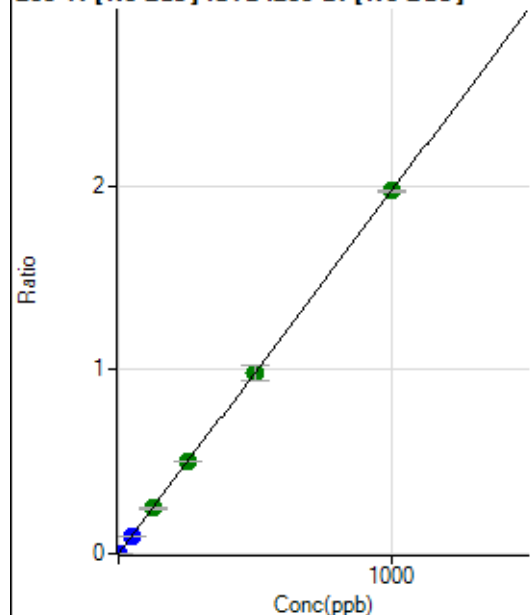
$$DL = 0.004932$$

$$BEC = 0.004697$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0000	P	7.6
2	☐	1.000	0.890	21533.75	0.0018	P	1.1
3	☐	50.000	45.383	1085055.85	0.0896	P	0.8
4	☐	125.000	124.939	3001244.89	0.2466	A	1.2
5	☐	250.000	253.148	5992508.25	0.4996	A	0.7
6	☐	500.000	498.426	11821274.13	0.9836	A	8.1
7	☐	1000.000	1000.239	22916499.38	1.9740	A	0.6
8	☐			2504.70	0.0002	P	10.4

$$y = 0.0020 * x + 9.0374\text{E-}006$$

$$R = 1.0000$$

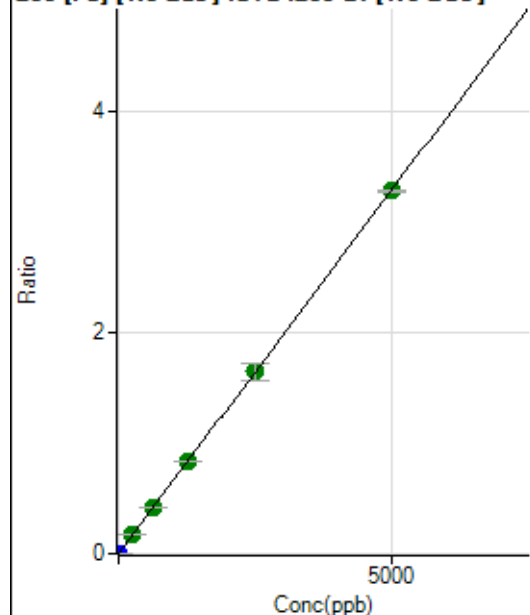
$$DL = 0.001044$$

$$BEC = 0.004579$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	715.58	0.0001	P	9.6
2	☐	1.000	0.863	7654.46	0.0006	P	2.1
3	☐	250.000	253.536	2021527.89	0.1669	A	1.0
4	☐	625.000	632.519	5066355.34	0.4162	A	0.3
5	☐	1250.000	1270.420	10026817.35	0.8359	A	0.8
6	☐	2500.000	2506.049	19807394.98	1.6489	A	9.0
7	☐	5000.000	4990.754	38123413.60	3.2838	A	0.4
8	☐			14071.85	0.0014	P	9.2

$$y = 6.5796\text{E-}004 * x + 5.9986\text{E-}005$$

$$R = 1.0000$$

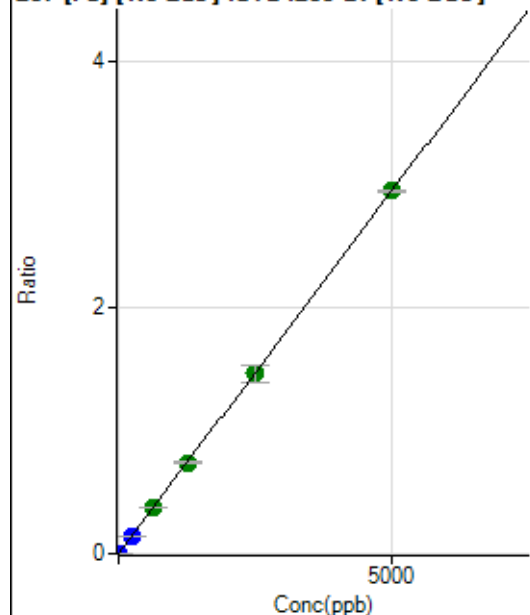
$$DL = 0.02618$$

$$BEC = 0.09117$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	553.35	0.0000	P	4.3
2	☐	1.000	0.874	6837.33	0.0006	P	1.4
3	☐	250.000	226.237	1612525.22	0.1331	P	0.4
4	☐	625.000	630.904	4517093.30	0.3711	A	1.3
5	☐	1250.000	1260.258	8891279.31	0.7413	A	1.1
6	☐	2500.000	2483.840	17550864.88	1.4610	A	8.9
7	☐	5000.000	5005.966	34182902.27	2.9444	A	0.3
8	☐			12282.35	0.0012	P	9.9

$$y = 5.8817\text{E-}004 * x + 4.6359\text{E-}005$$

$$R = 1.0000$$

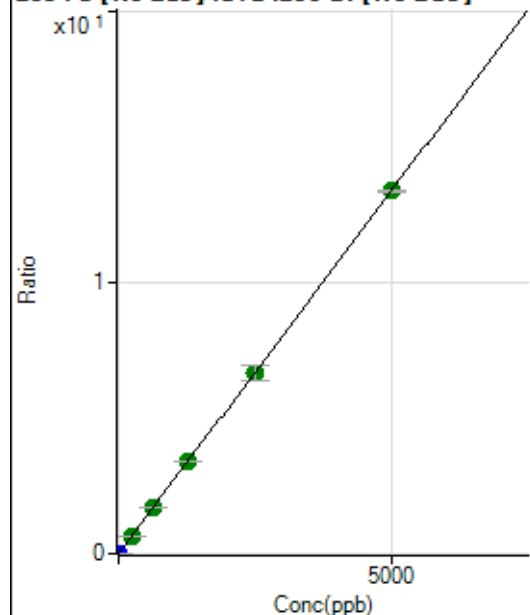
$$DL = 0.01011$$

$$BEC = 0.07882$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2787.92	0.0002	P	5.9
2	☐	1.000	0.867	31094.26	0.0025	P	1.0
3	☐	250.000	246.393	7980086.06	0.6587	A	0.4
4	☐	625.000	631.944	20560158.34	1.6892	A	0.6
5	☐	1250.000	1264.750	40546156.34	3.3804	A	0.9
6	☐	2500.000	2494.632	80084668.11	6.6674	A	9.1
7	☐	5000.000	4998.309	155088326.3	13.3587	A	0.4
8	☐			56519.05	0.0055	P	9.5

$$y = 0.0027 * x + 2.3372E-004$$

$$R = 1.0000$$

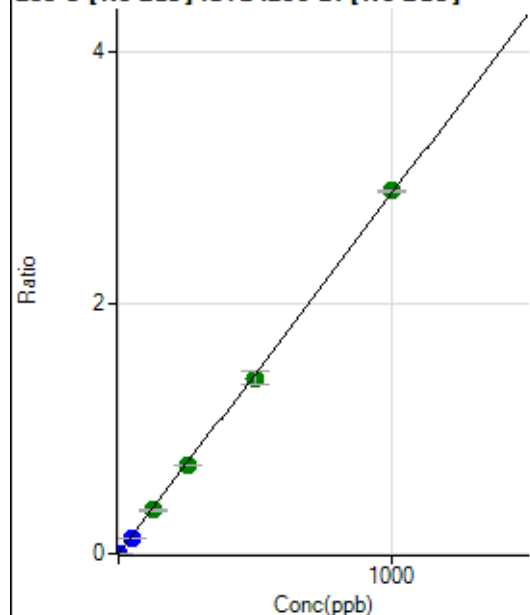
$$DL = 0.01552$$

$$BEC = 0.08745$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.11	0.0000	P	29.7
2	☐	1.000	0.825	28904.67	0.0024	P	0.6
3	☐	50.000	42.202	1466844.20	0.1211	P	0.6
4	☐	125.000	120.264	4199778.76	0.3451	A	1.4
5	☐	250.000	243.862	8392656.47	0.6997	A	0.5
6	☐	500.000	488.152	16833962.52	1.4006	A	7.9
7	☐	1000.000	1008.440	33590225.89	2.8933	A	0.3
8	☐			2022.40	0.0002	P	15.8

$$y = 0.0029 * x + 3.4537E-006$$

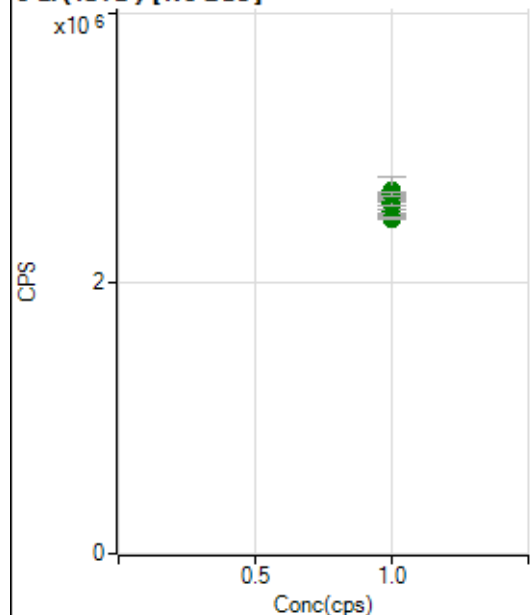
$$R = 0.9999$$

$$DL = 0.001073$$

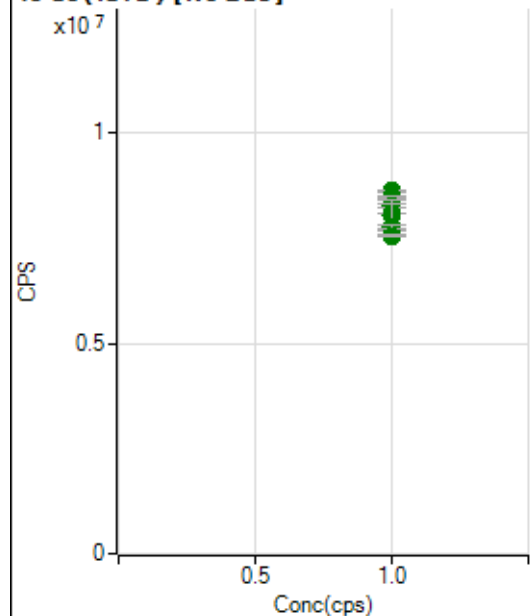
$$BEC = 0.001204$$

Weight: <None>

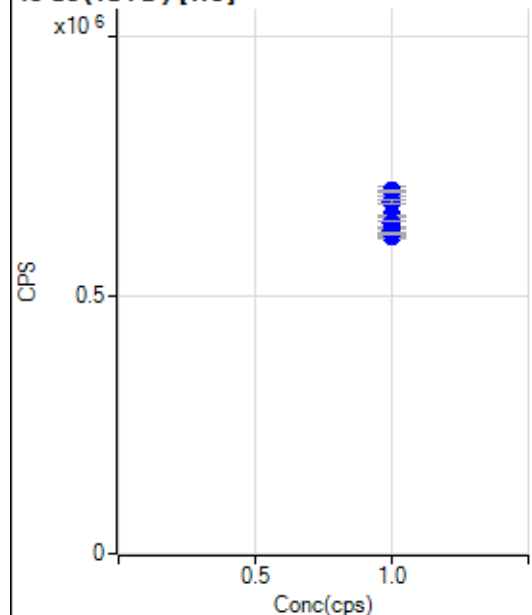
Min Conc: 0

6 Li (ISTD) [No Gas]

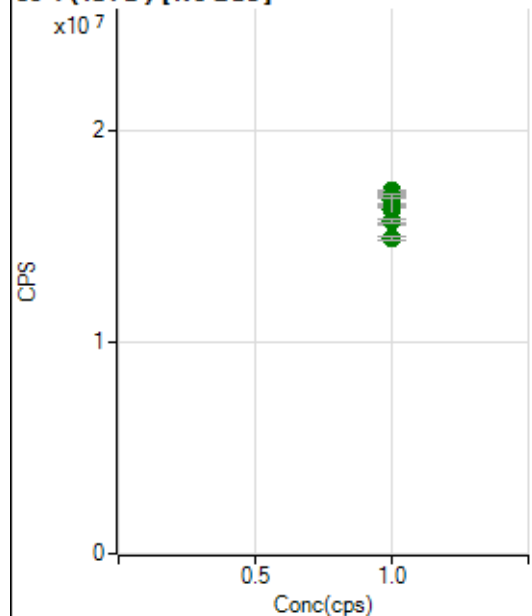
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2484851.56		A	1.3
2	☐	1.000		2536257.32		A	1.2
3	☐	1.000		2588459.53		A	0.9
4	☐	1.000		2602098.45		A	1.8
5	☐	1.000		2639272.43		A	1.6
6	☐	1.000		2683821.25		A	7.7
7	☐	1.000		2658104.06		A	1.0
8	☐	1.000		2479462.41		A	0.6

45 Sc (ISTD) [No Gas]

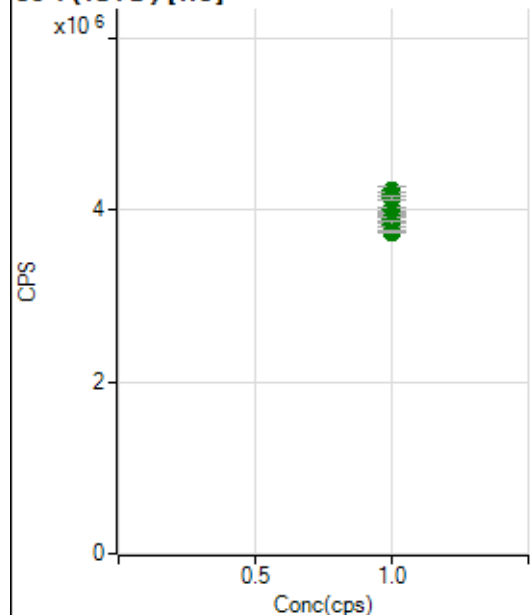
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8470808.90		A	1.2
2	☐	1.000		8623841.82		A	0.6
3	☐	1.000		8483066.47		A	0.8
4	☐	1.000		8252998.63		A	1.1
5	☐	1.000		8089179.74		A	0.3
6	☐	1.000		8036570.99		A	8.9
7	☐	1.000		7768702.80		A	0.9
8	☐	1.000		7555703.99		A	0.6

45 Sc (ISTD) [He]

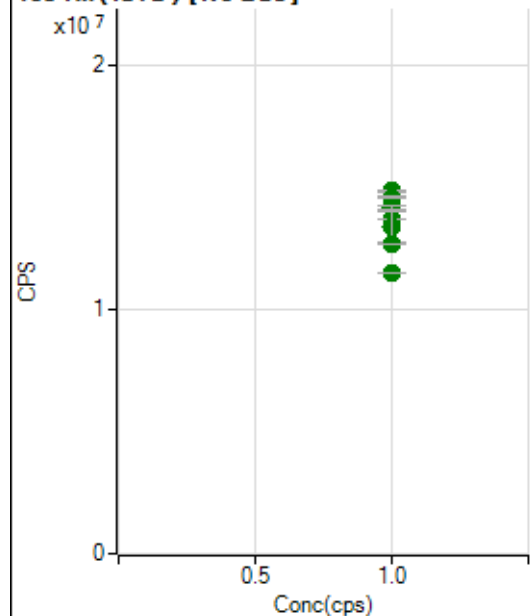
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		701592.96		P	2.3
2	☐	1.000		701671.20		P	0.6
3	☐	1.000		681156.93		P	1.2
4	☐	1.000		654205.37		P	0.6
5	☐	1.000		638578.13		P	1.8
6	☐	1.000		623785.07		P	1.6
7	☐	1.000		612119.60		P	0.2
8	☐	1.000		619510.62		P	0.3

89 Y (ISTD) [No Gas]

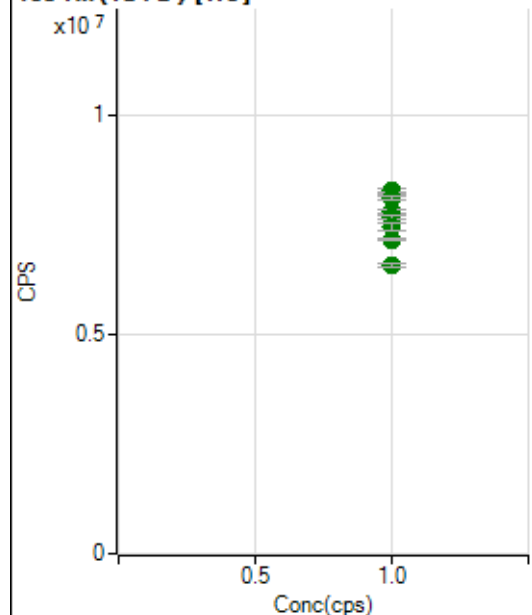
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16923714.47		A	1.3
2	☐	1.000		17139031.27		A	0.8
3	☐	1.000		16917590.58		A	0.5
4	☐	1.000		16690471.00		A	1.6
5	☐	1.000		16382276.15		A	0.2
6	☐	1.000		16267798.37		A	9.0
7	☐	1.000		15713062.68		A	0.7
8	☐	1.000		14898104.22		A	1.0

89 Y(ISTD) [He]

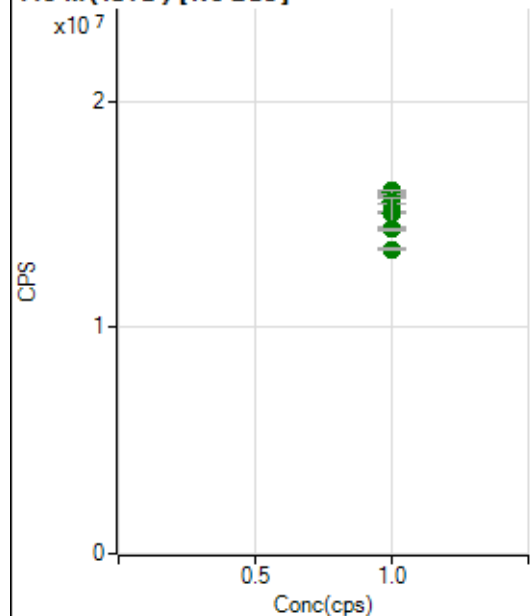
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4224369.77		A	2.7
2	☐	1.000		4194971.84		A	1.1
3	☐	1.000		4140289.49		A	0.8
4	☐	1.000		3999146.78		A	1.1
5	☐	1.000		3944958.93		A	0.6
6	☐	1.000		3890184.25		A	1.7
7	☐	1.000		3838273.28		A	1.5
8	☐	1.000		3750144.67		A	0.8

103 Rh(ISTD) [No Gas]

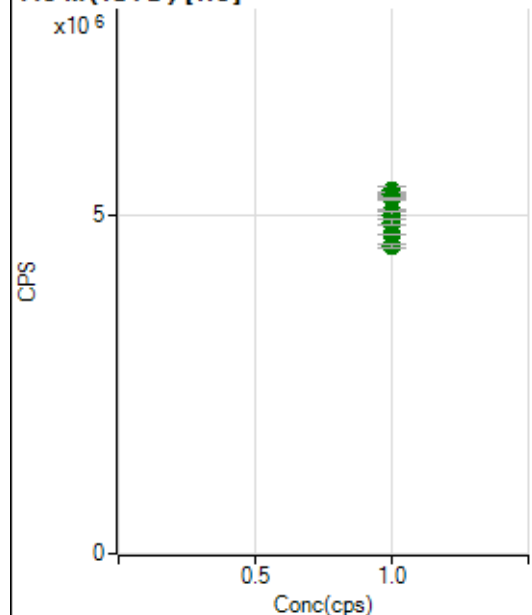
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14631804.50		A	0.7
2	☐	1.000		14864743.81		A	0.5
3	☐	1.000		14612481.73		A	0.8
4	☐	1.000		14149100.62		A	1.2
5	☐	1.000		13684538.41		A	0.2
6	☐	1.000		13400718.69		A	8.9
7	☐	1.000		12684286.20		A	0.4
8	☐	1.000		11507338.30		A	0.2

103 Rh (ISTD) [He]

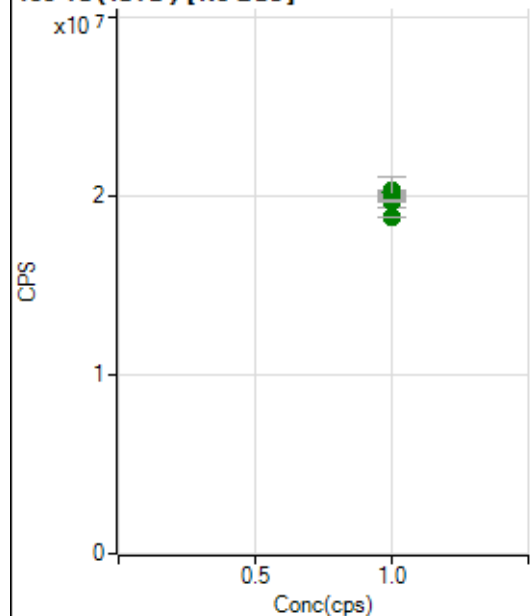
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8278538.00		A	1.6
2	☐	1.000		8248132.52		A	0.5
3	☐	1.000		8112351.68		A	1.0
4	☐	1.000		7828023.29		A	1.2
5	☐	1.000		7674329.12		A	1.4
6	☐	1.000		7451484.26		A	2.1
7	☐	1.000		7169483.50		A	0.4
8	☐	1.000		6584082.82		A	1.0

115 In (ISTD) [No Gas]

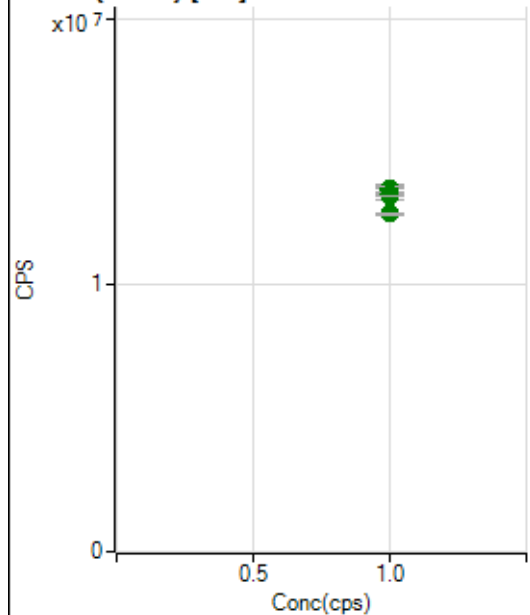
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15873575.41		A	1.2
2	☐	1.000		16049511.53		A	0.2
3	☐	1.000		15961375.76		A	1.0
4	☐	1.000		15597543.17		A	1.9
5	☐	1.000		15102909.43		A	0.6
6	☐	1.000		15083680.20		A	8.7
7	☐	1.000		14341016.15		A	0.9
8	☐	1.000		13460034.96		A	0.4

115 In (ISTD) [He]

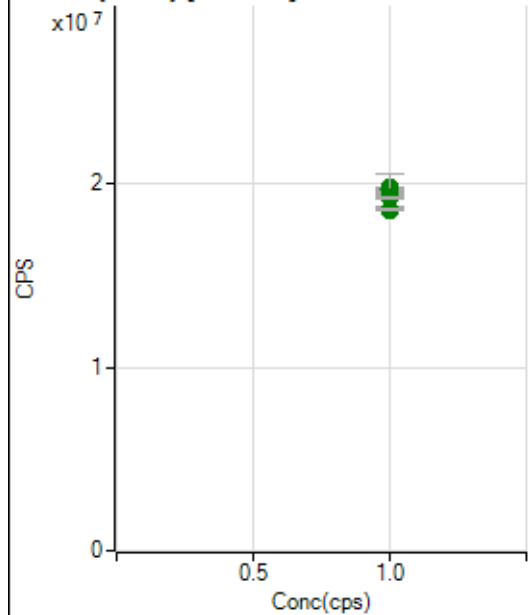
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5367033.06		A	2.1
2	☐	1.000		5312651.98		A	0.8
3	☐	1.000		5252378.37		A	0.7
4	☐	1.000		5051050.91		A	2.0
5	☐	1.000		5001675.30		A	2.2
6	☐	1.000		4897100.11		A	1.8
7	☐	1.000		4731336.09		A	0.2
8	☐	1.000		4540088.51		A	1.2

159 Tb (ISTD) [No Gas]

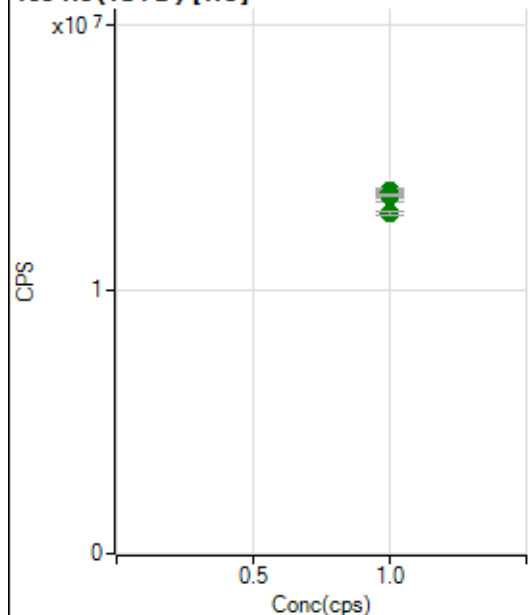
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19991821.51		A	0.6
2	☐	1.000		20259907.06		A	0.8
3	☐	1.000		20189468.17		A	0.8
4	☐	1.000		20162329.28		A	1.8
5	☐	1.000		19958072.90		A	0.4
6	☐	1.000		20168988.87		A	8.7
7	☐	1.000		19674972.35		A	0.5
8	☐	1.000		18810497.91		A	0.2

159 Tb (ISTD) [He]

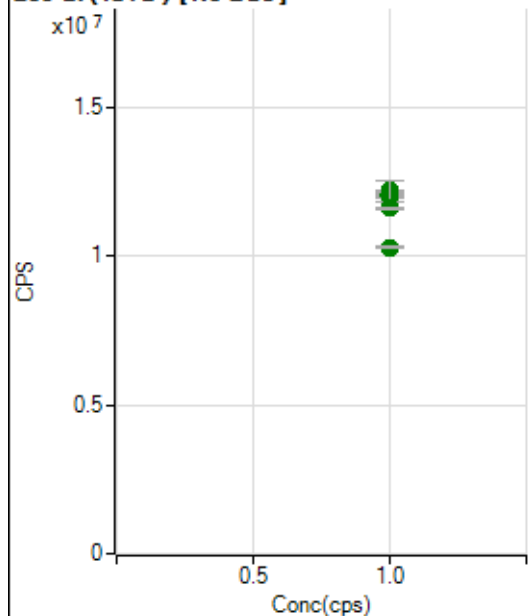
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13615108.55		A	2.2
2	☐	1.000		13567271.05		A	1.4
3	☐	1.000		13554008.41		A	1.1
4	☐	1.000		13326912.86		A	1.3
5	☐	1.000		13605432.30		A	1.1
6	☐	1.000		13422782.02		A	1.6
7	☐	1.000		13359691.19		A	0.4
8	☐	1.000		12683913.42		A	0.6

165 Ho (ISTD) [No Gas]

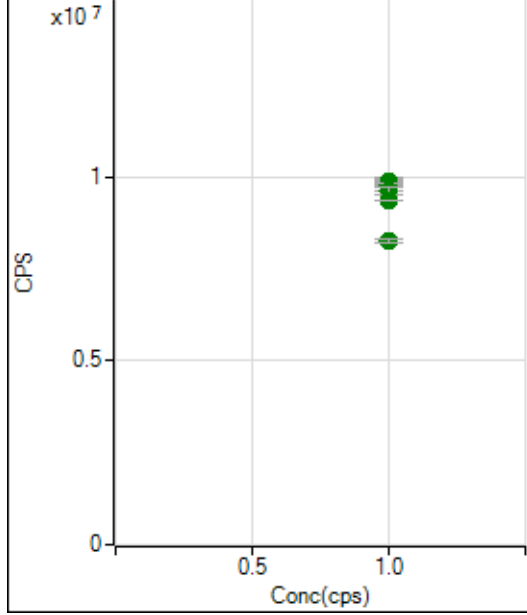
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19345799.02		A	0.6
2	☐	1.000		19775460.26		A	0.9
3	☐	1.000		19703688.04		A	1.2
4	☐	1.000		19664596.23		A	0.9
5	☐	1.000		19439334.99		A	0.5
6	☐	1.000		19658864.57		A	9.0
7	☐	1.000		19247192.91		A	0.2
8	☐	1.000		18566999.59		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13530929.94		A	3.4
2	☐	1.000		13705623.13		A	0.5
3	☐	1.000		13650353.13		A	0.8
4	☐	1.000		13544649.10		A	1.5
5	☐	1.000		13744079.80		A	0.7
6	☐	1.000		13691179.80		A	1.9
7	☐	1.000		13596328.55		A	0.7
8	☐	1.000		12910461.20		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11932927.74		A	1.3
2	☐	1.000		12194541.62		A	0.7
3	☐	1.000		12114241.63		A	0.6
4	☐	1.000		12172078.43		A	0.7
5	☐	1.000		11995065.52		A	1.0
6	☐	1.000		12069246.21		A	7.9
7	☐	1.000		11609606.35		A	0.5
8	☐	1.000		10291991.65		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9798587.84		A	3.7
2	☐	1.000		9858588.81		A	1.2
3	☐	1.000		9866434.85		A	0.7
4	☐	1.000		9710164.51		A	2.1
5	☐	1.000		9757109.37		A	1.1
6	☐	1.000		9626805.41		A	2.2
7	☐	1.000		9360072.01		A	0.4
8	☐	1.000		8264132.93		A	1.3