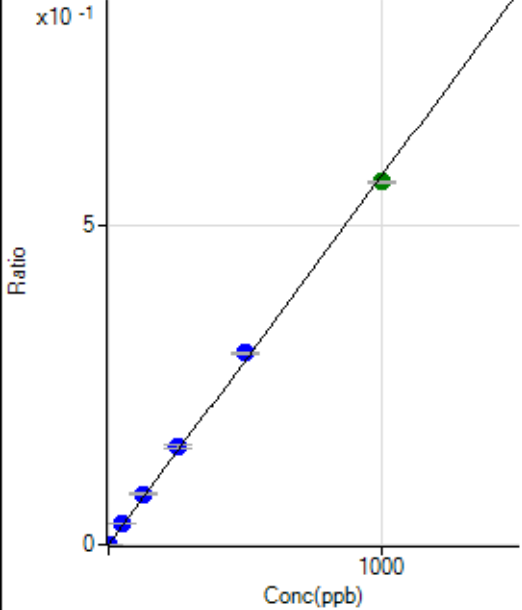


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092424-MS.b\
 Analysis File: P7092424-MS.batch.bin
 DA Date-Time: 2024-09-24 11:42:07
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2024-09-24 09:55:25
2	005CALS.d	S02	2024-09-24 10:01:59
3	006CALS.d	S03	2024-09-24 10:05:18
4	007CALS.d	S04	2024-09-24 10:08:22
5	008CALS.d	S05	2024-09-24 10:11:20
6	009CALS.d	S06	2024-09-24 10:14:10
7	010CALS.d	S07	2024-09-24 10:16:57
8	011CALS.d	S08	2024-09-24 10:19:43

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.34	0.0000	P	65.2
2	☐	1.000	1.118	1512.31	0.0007	P	4.4
3	☐	50.000	55.639	74991.20	0.0321	P	0.9
4	☐	125.000	136.975	189698.92	0.0789	P	2.5
5	☐	250.000	266.665	392436.75	0.1536	P	3.1
6	☐	500.000	519.284	785745.64	0.2990	P	0.4
7	☐	1000.000	984.413	1462811.77	0.5669	A	0.5
8	☐			162.22	0.0001	P	17.2

$y = 5.7586E-004 * x + 1.0364E-005$

R = 0.9995

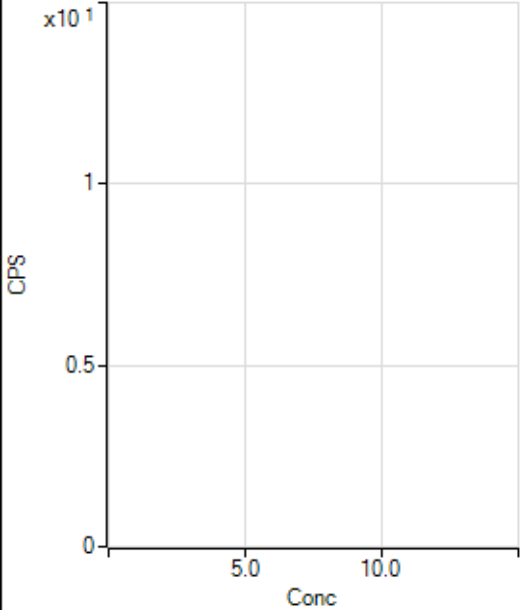
DL = 0.03522

BEC = 0.018

Weight: <None>

Min Conc: 0

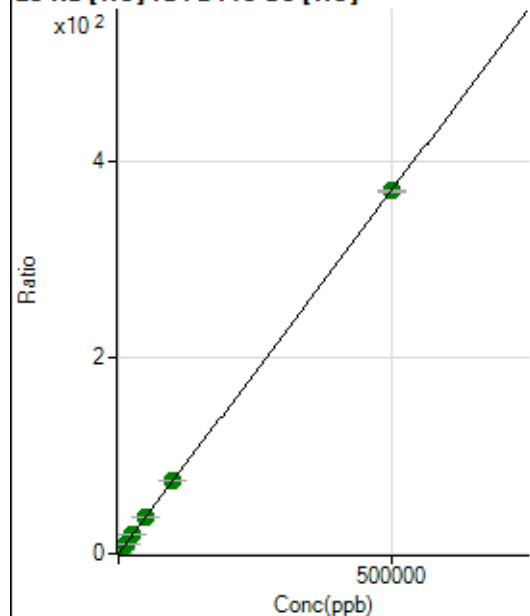
12 C [No Gas] No available calibration points



	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	10579.26	0.0159	P	1.4
2	☐	500.000	525.978	270438.07	0.4054	P	0.4
3	☐	5000.000	5076.209	2413200.66	3.7752	A	0.7
4	☐	12500.000	12708.154	5648423.25	9.4272	A	1.8
5	☐	25000.000	25543.669	10490888.80	18.9328	A	0.6
6	☐	50000.000	51049.955	20772922.47	37.8221	A	0.5
7	☐	100000.00	100820.11	41698249.94	74.6805	A	0.6
8	☐	500000.00	499697.80	209047534.6	370.0783	A	0.6

$$y = 7.4057\text{E-}004 * x + 0.0159$$

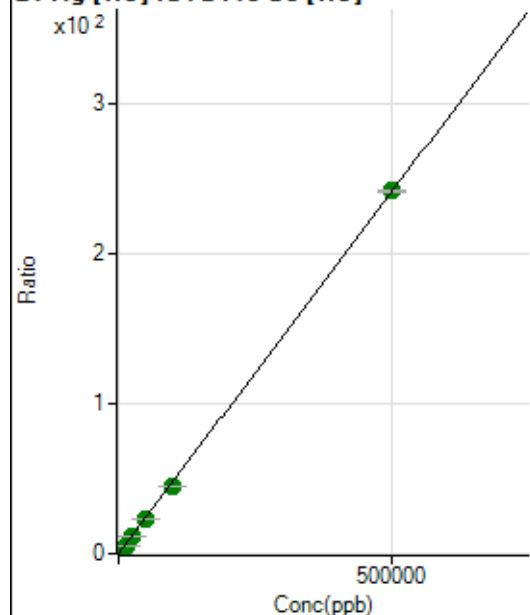
$$R = 1.0000$$

$$DL = 0.8744$$

$$BEC = 21.48$$

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	346.67	0.0005	P	6.4
2	☐	500.000	514.599	166149.21	0.2491	P	0.6
3	☐	5000.000	4748.183	1466336.35	2.2940	A	0.9
4	☐	12500.000	11784.588	3410976.20	5.6928	A	1.2
5	☐	25000.000	23786.240	6366623.10	11.4899	A	1.2
6	☐	50000.000	47486.908	12598089.12	22.9379	A	0.2
7	☐	100000.00	93072.375	25101872.96	44.9568	A	0.6
8	☐	500000.00	501717.91	136892697.9	242.3430	A	0.8

$$y = 4.8303\text{E-}004 * x + 5.2134\text{E-}004$$

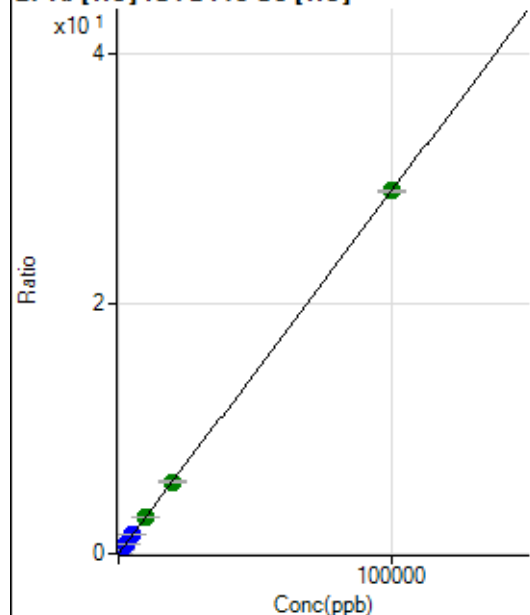
$$R = 0.9999$$

$$DL = 0.207$$

$$BEC = 1.079$$

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	103.33	0.0002	P	33.7
2	☐	20.000	22.470	4456.25	0.0067	P	1.4
3	☐	1000.000	1042.983	193700.04	0.3030	P	0.2
4	☐	2500.000	2606.287	453583.89	0.7570	P	1.3
5	☐	5000.000	5180.441	833665.82	1.5045	P	0.4
6	☐	10000.000	10034.659	1600517.89	2.9141	A	0.9
7	☐	20000.000	19845.129	3217815.27	5.7630	A	0.7
8	☐	100000.00	100015.39	16406403.23	29.0439	A	0.3

$$y = 2.9039\text{E-}004 * x + 1.5542\text{E-}004$$

$$R = 1.0000$$

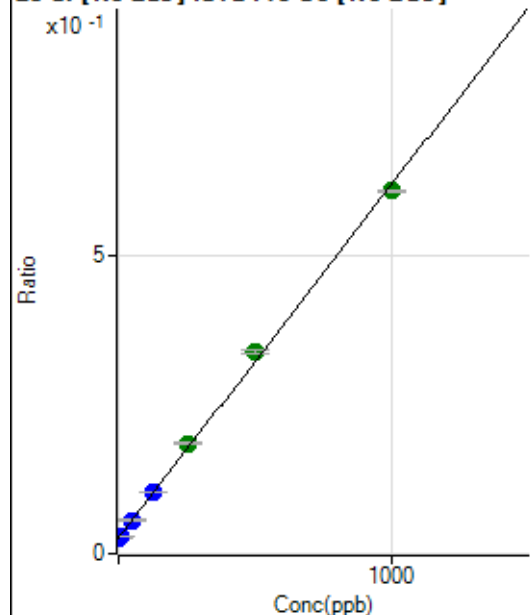
$$DL = 0.5411$$

$$BEC = 0.5352$$

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	211149.00	0.0264	P	2.0
2	☐	10.000	5.384	237572.88	0.0296	P	1.8
3	☐	50.000	50.625	445735.08	0.0564	P	1.8
4	☐	125.000	130.017	792497.18	0.1034	P	1.9
5	☐	250.000	268.060	1370224.68	0.1852	A	0.9
6	☐	500.000	525.350	2460473.89	0.3376	A	2.2
7	☐	1000.000	982.198	4445586.50	0.6082	A	0.3
8	☐			265459.65	0.0379	P	1.2

$$y = 5.9235\text{E-}004 * x + 0.0264$$

$$R = 0.9993$$

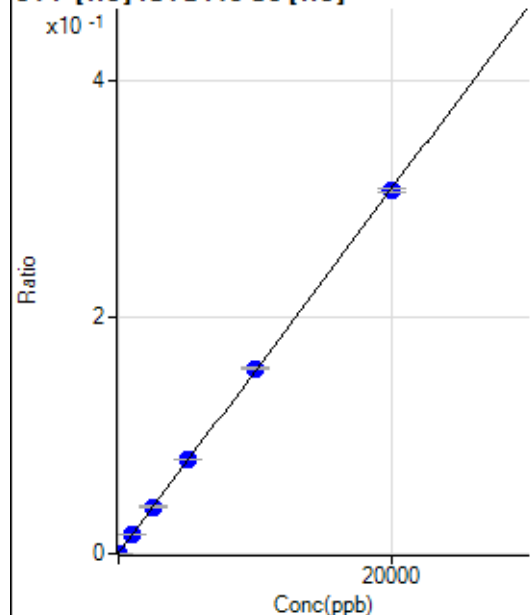
$$DL = 2.732$$

$$BEC = 44.59$$

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	-17.536	127.78	0.0002	P	19.3
2	☐	0.000	17.536	487.79	0.0007	P	2.6
3	☐	1000.000	1056.257	10676.04	0.0167	P	1.5
4	☐	2500.000	2545.378	23727.36	0.0396	P	1.3
5	☐	5000.000	5135.404	44007.52	0.0794	P	1.0
6	☐	10000.000	10144.317	85920.20	0.1564	P	1.0
7	☐	20000.000	19885.505	170978.75	0.3062	P	1.1
8	☐			206.67	0.0004	P	21.4

$$y = 1.5376\text{E-}005 * x + 4.6166\text{E-}004$$

$$R = 0.9999$$

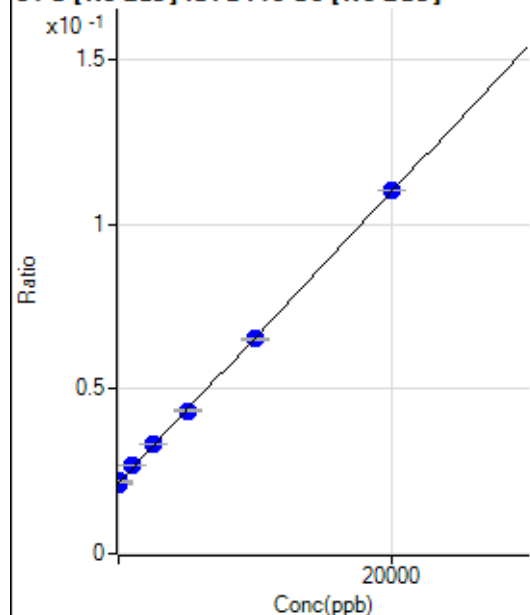
$$DL = 5.463$$

$$BEC = 30.02$$

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	☐	0.000	-109.612	167483.24	0.0209	P	0.4
2	☐	0.000	109.612	175895.96	0.0219	P	1.2
3	☐	1000.000	1210.728	211690.78	0.0268	P	0.5
4	☐	2500.000	2629.140	253269.52	0.0331	P	0.5
5	☐	5000.000	4956.911	320643.76	0.0433	P	1.0
6	☐	10000.000	9866.945	474019.60	0.0650	P	0.5
7	☐	20000.000	20050.621	804293.25	0.1100	P	0.1
8	☐			132033.00	0.0188	P	2.2

$$y = 4.4190\text{E-}006 * x + 0.0214$$

R = 0.9998

DL = 122.6

BEC = 4850

Weight: <None>

Min Conc: 0

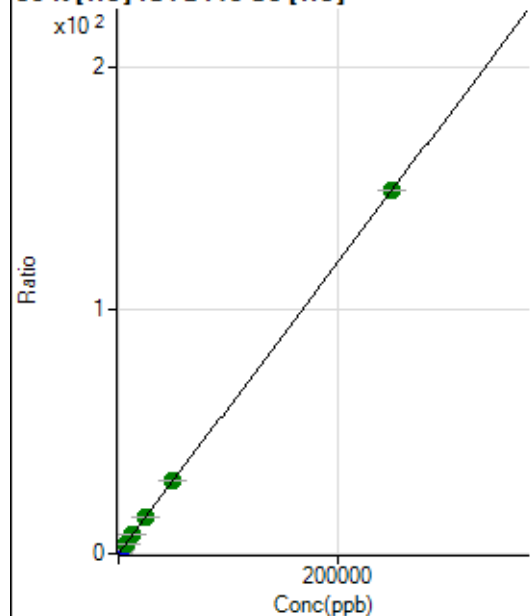
35 Cl [No Gas] No available calibration points



	R _j 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	46226.69	0.0695	P	0.9
2	☐	500.000	550.521	265103.60	0.3974	P	0.1
3	☐	2500.000	2791.577	1107313.81	1.7323	P	0.3
4	☐	6250.000	6456.877	2346116.01	3.9156	A	1.1
5	☐	12500.000	12696.283	4229041.95	7.6321	A	0.3
6	☐	25000.000	25042.589	8230817.03	14.9862	A	0.8
7	☐	50000.000	49859.689	16621370.86	29.7686	A	0.9
8	☐	250000.00	250005.80	84160938.19	148.9862	A	0.1

$$y = 5.9565E-004 * x + 0.0695$$

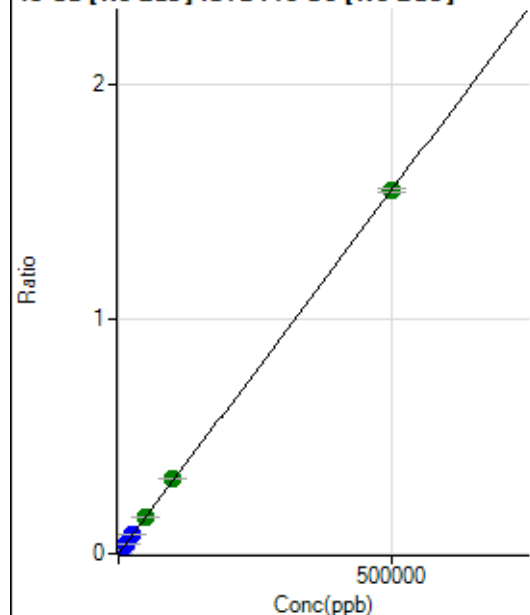
$$R = 1.0000$$

$$DL = 3.266$$

$$BEC = 116.7$$

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	☐	0.000	0.000	257.50	0.0000	P	22.2
2	☐	500.000	552.967	14022.94	0.0017	P	0.7
3	☐	5000.000	5535.965	135948.61	0.0172	P	1.7
4	☐	12500.000	13740.486	326814.99	0.0427	P	0.3
5	☐	25000.000	27242.942	625400.84	0.0845	P	0.1
6	☐	50000.000	51168.128	1156903.10	0.1587	A	1.3
7	☐	100000.00	102894.11	2332807.39	0.3192	A	0.9
8	☐	500000.00	499155.79	10853045.23	1.5482	A	1.0

$$y = 3.1016\text{E-}006 * x + 3.2260\text{E-}005$$

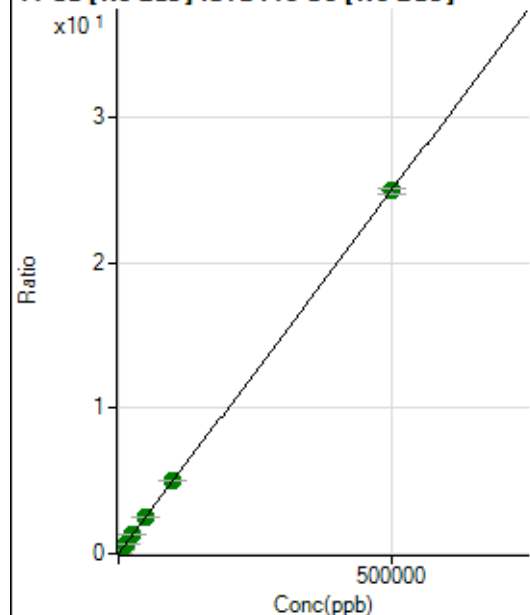
$$R = 1.0000$$

$$DL = 6.912$$

$$BEC = 10.4$$

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	☐	0.000	0.000	7150.45	0.0009	P	1.8
2	☐	500.000	554.930	229496.20	0.0286	P	1.2
3	☐	5000.000	5235.697	2072745.32	0.2623	A	1.2
4	☐	12500.000	12979.287	4971603.94	0.6488	A	1.2
5	☐	25000.000	25779.283	9528109.30	1.2878	A	0.2
6	☐	50000.000	50914.452	18531161.63	2.5426	A	1.2
7	☐	100000.00	100787.58	36783332.80	5.0323	A	1.0
8	☐	500000.00	499697.67	174868470.3	24.9464	A	1.3

$$y = 4.9921\text{E-}005 * x + 8.9453\text{E-}004$$

$$R = 1.0000$$

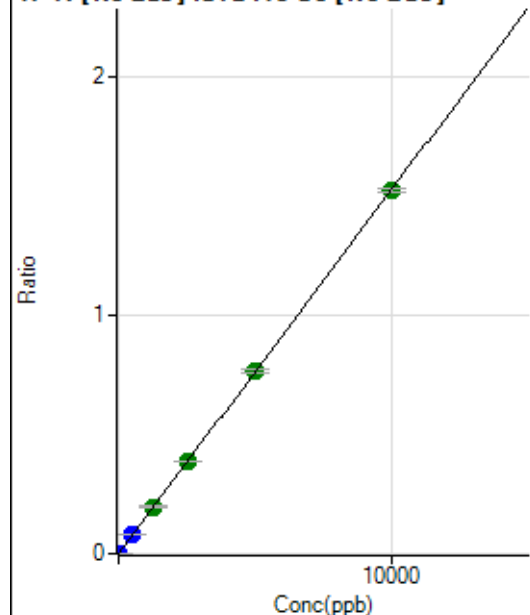
$$DL = 0.9931$$

$$BEC = 17.92$$

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	132.23	0.0000	P	18.7
2	☐	5.000	5.138	6425.86	0.0008	P	0.6
3	☐	500.000	528.882	638081.14	0.0807	P	0.8
4	☐	1250.000	1288.069	1506426.18	0.1966	A	1.5
5	☐	2500.000	2555.219	2885450.16	0.3900	A	0.3
6	☐	5000.000	5026.631	5591424.71	0.7672	A	1.4
7	☐	10000.000	9966.677	11117983.58	1.5212	A	1.0
8	☐			2582.46	0.0004	P	1.3

$$y = 1.5262\text{E-}004 * x + 1.6557\text{E-}005$$

$$R = 1.0000$$

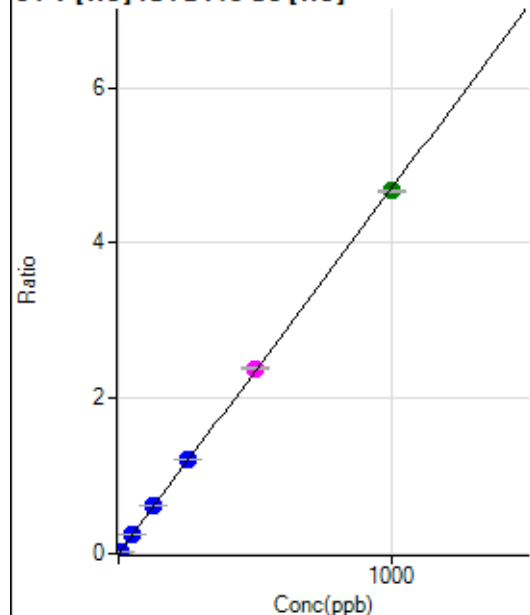
$$DL = 0.06098$$

$$BEC = 0.1085$$

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	12.22	0.0000	P	31.7
2	☐	5.000	5.159	16193.24	0.0243	P	0.9
3	☐	50.000	52.546	157949.14	0.2471	P	0.3
4	☐	125.000	130.100	366565.45	0.6118	P	1.1
5	☐	250.000	258.200	672755.39	1.2141	P	0.3
6	☐	500.000	507.582	1310873.96	2.3867	M	1.6
7	☐	1000.000	993.393	2608143.87	4.6711	A	0.3
8	☐			737.81	0.0013	P	5.8

$$y = 0.0047 * x + 1.8385\text{E-}005$$

$$R = 0.9999$$

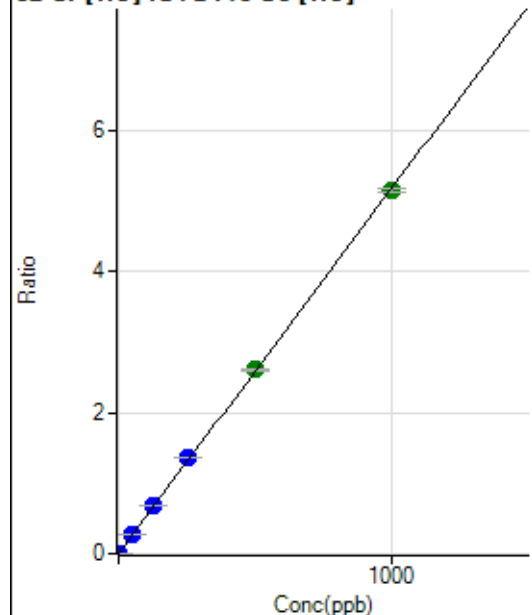
$$DL = 0.003715$$

$$BEC = 0.00391$$

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	1769.01	0.0027	P	7.6
2	☐	2.000	1.874	8241.20	0.0124	P	1.0
3	☐	50.000	53.013	176975.05	0.2769	P	0.5
4	☐	125.000	131.291	408498.22	0.6817	P	1.3
5	☐	250.000	261.778	751755.23	1.3567	P	0.5
6	☐	500.000	504.685	1435195.19	2.6131	A	1.1
7	☐	1000.000	993.776	2871541.38	5.1429	A	0.9
8	☐			14888.56	0.0264	P	0.8

$$y = 0.0052 * x + 0.0027$$

$$R = 0.9999$$

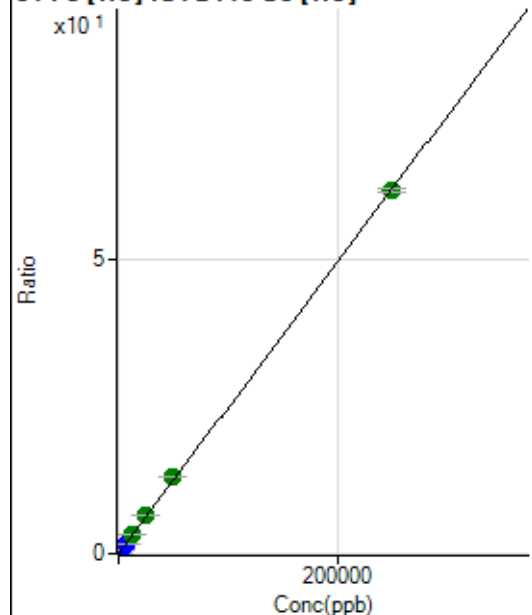
$$DL = 0.1167$$

$$BEC = 0.5143$$

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	1810.13	0.0027	P	1.1
2	☐	50.000	56.299	11130.86	0.0167	P	0.6
3	☐	2500.000	2891.015	460127.09	0.7198	P	0.2
4	☐	6250.000	7176.356	1068220.59	1.7828	P	1.0
5	☐	12500.000	13481.095	1854358.62	3.3466	A	0.7
6	☐	25000.000	26819.898	3655298.42	6.6553	A	1.2
7	☐	50000.000	52430.430	7263005.65	13.0078	A	0.6
8	☐	250000.00	249255.79	34925254.48	61.8293	A	0.9

$$y = 2.4804E-004 * x + 0.0027$$

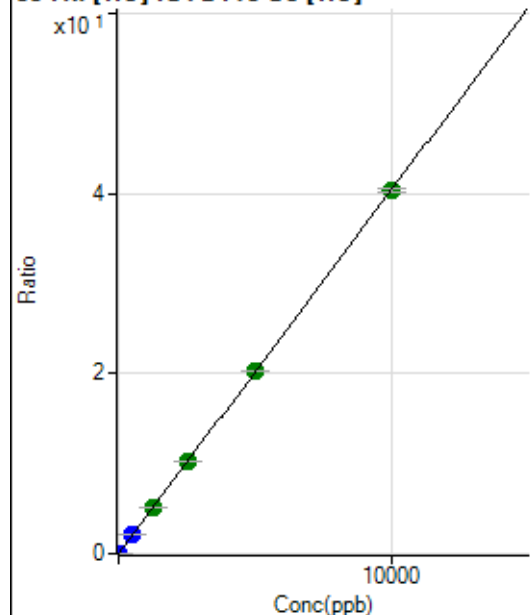
$$R = 0.9999$$

$$DL = 0.3497$$

$$BEC = 10.97$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	623.35	0.0009	P	7.8
2	☐	1.000	1.036	3419.31	0.0051	P	2.1
3	☐	500.000	526.775	1362060.76	2.1308	P	0.1
4	☐	1250.000	1266.562	3068908.57	5.1220	A	1.9
5	☐	2500.000	2541.170	5693941.86	10.2755	A	0.7
6	☐	5000.000	5033.692	11178598.45	20.3534	A	0.1
7	☐	10000.000	9969.452	22507024.39	40.3099	A	1.1
8	☐			12285.10	0.0217	P	0.6

$$y = 0.0040 * x + 9.3717E-004$$

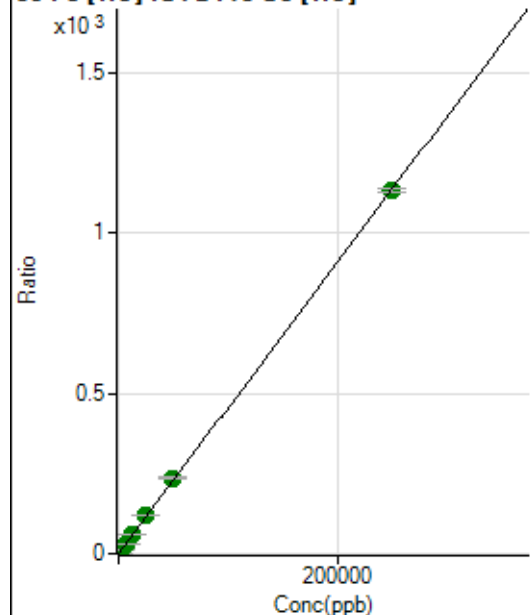
$$R = 1.0000$$

$$DL = 0.05438$$

$$BEC = 0.2318$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13771.95	0.0207	P	1.4
2	☐	50.000	55.828	182748.70	0.2740	P	0.1
3	☐	2500.000	2685.315	7799822.87	12.2025	A	0.5
4	☐	6250.000	6662.121	18121812.93	30.2430	A	1.0
5	☐	12500.000	13396.340	33686043.11	60.7925	A	0.6
6	☐	25000.000	26328.334	65609189.58	119.4577	A	0.2
7	☐	50000.000	52023.469	131783740.2	236.0223	A	0.8
8	☐	250000.00	249405.49	639093750.4	1,131.434	A	1.2

$$y = 0.0045 * x + 0.0207$$

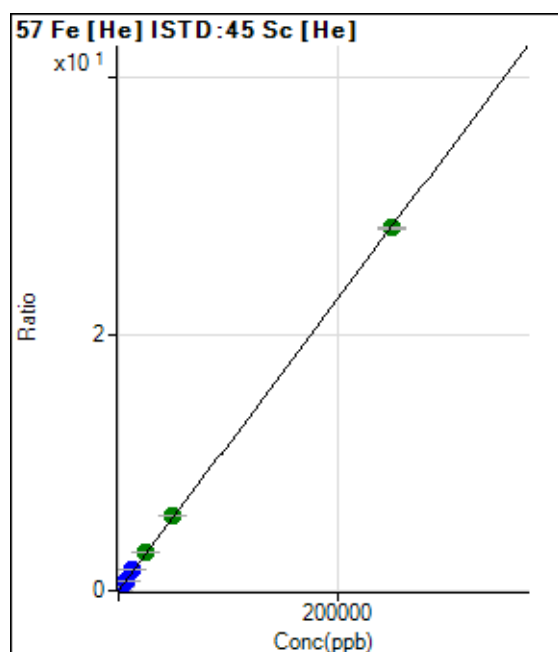
$$R = 1.0000$$

$$DL = 0.191$$

$$BEC = 4.565$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1375.63	0.0021	P	2.7
2	☐	50.000	55.722	5596.66	0.0084	P	6.5
3	☐	2500.000	2846.195	207698.03	0.3249	P	0.3
4	☐	6250.000	7089.404	483092.96	0.8062	P	1.2
5	☐	12500.000	14116.933	888469.30	1.6034	P	0.5
6	☐	25000.000	26568.062	1656330.63	3.0158	A	1.1
7	☐	50000.000	51809.964	3282620.85	5.8791	A	0.6
8	☐	250000.00	249375.90	15979954.62	28.2898	A	0.7

$$y = 1.1343\text{E-}004 * x + 0.0021$$

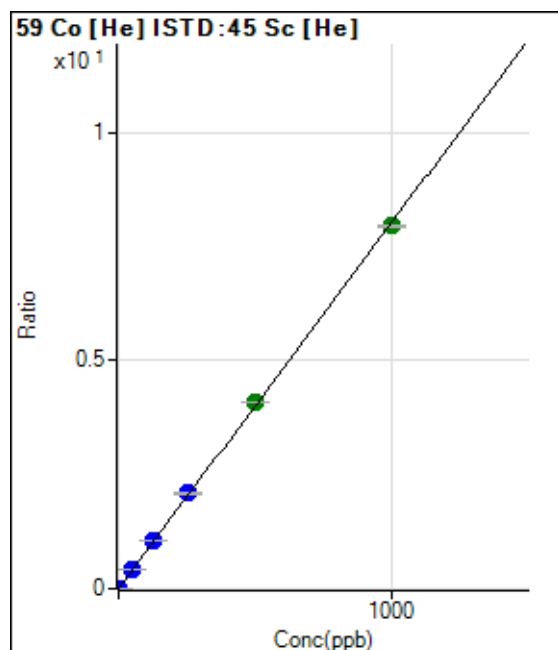
$$R = 1.0000$$

$$DL = 1.467$$

$$BEC = 18.24$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0001	P	2.4
2	☐	1.000	1.100	5963.46	0.0089	P	1.2
3	☐	50.000	53.323	273692.12	0.4282	P	0.2
4	☐	125.000	132.338	636615.80	1.0625	P	0.9
5	☐	250.000	260.232	1157602.91	2.0891	P	0.4
6	☐	500.000	509.655	2247088.70	4.0914	A	0.4
7	☐	1000.000	991.531	4444326.70	7.9597	A	0.6
8	☐			11947.07	0.0212	P	3.8

$$y = 0.0080 * x + 1.1360\text{E-}004$$

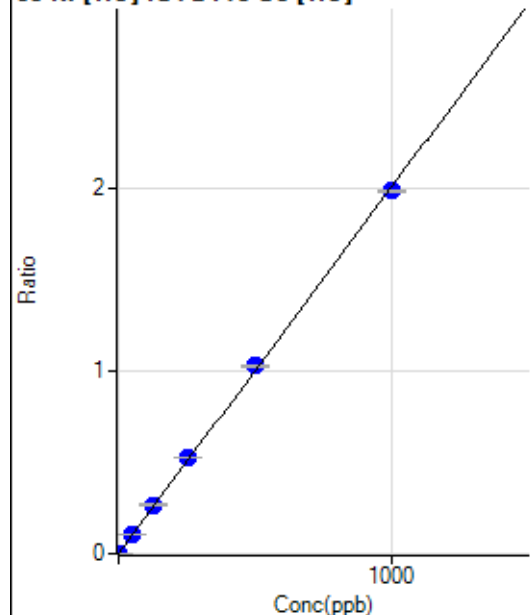
$$R = 0.9999$$

$$DL = 0.001033$$

$$BEC = 0.01415$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	354.45	0.0005	P	13.0
2	☐	1.000	1.064	1780.12	0.0027	P	3.3
3	☐	50.000	54.273	69945.26	0.1094	P	0.7
4	☐	125.000	133.263	160528.31	0.2679	P	1.3
5	☐	250.000	262.938	292620.64	0.5281	P	0.9
6	☐	500.000	511.563	564019.04	1.0269	P	0.3
7	☐	1000.000	989.738	1109097.77	1.9864	P	0.4
8	☐			5911.21	0.0105	P	3.3

$$y = 0.0020 * x + 5.3304E-004$$

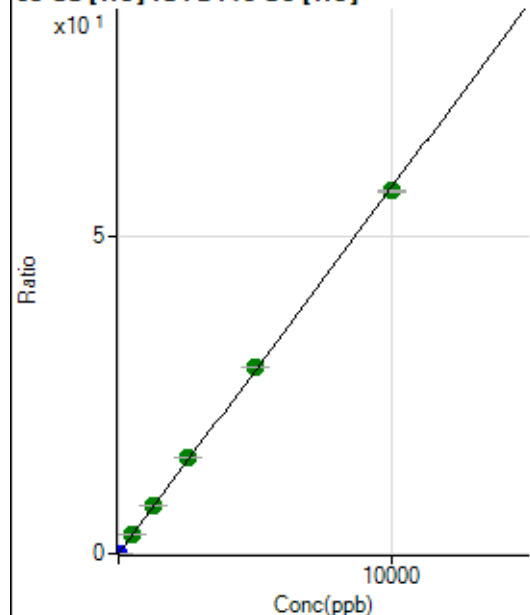
$$R = 0.9998$$

$$DL = 0.1039$$

$$BEC = 0.2657$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	777.81	0.0012	P	8.6
2	☐	2.000	2.021	8554.74	0.0128	P	4.7
3	☐	500.000	543.381	2003889.14	3.1348	A	0.7
4	☐	1250.000	1328.175	4590225.00	7.6606	A	1.4
5	☐	2500.000	2626.501	8393512.37	15.1480	A	0.4
6	☐	5000.000	5099.728	16153034.90	29.4109	A	0.6
7	☐	10000.000	9906.570	31899636.75	57.1316	A	0.8
8	☐			6724.91	0.0119	P	1.6

$$y = 0.0058 * x + 0.0012$$

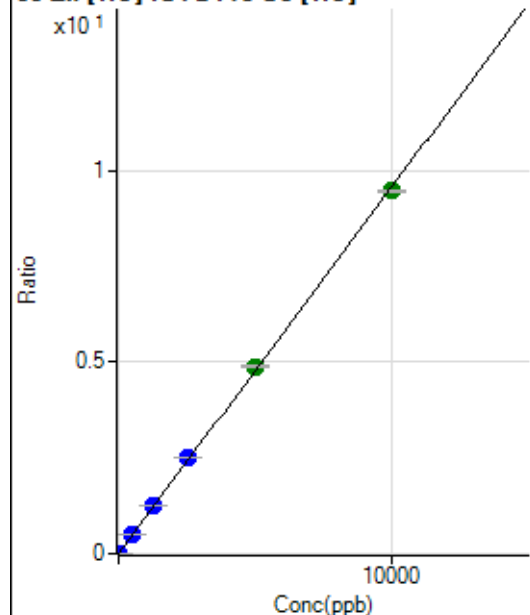
$$R = 0.9998$$

$$DL = 0.05226$$

$$BEC = 0.2028$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.80	0.0010	P	6.2
2	☐	5.000	6.449	4763.02	0.0071	P	2.3
3	☐	500.000	526.027	322163.45	0.5040	P	0.4
4	☐	1250.000	1312.908	752866.45	1.2565	P	1.1
5	☐	2500.000	2615.039	1386215.83	2.5017	P	0.4
6	☐	5000.000	5115.677	2687322.15	4.8930	A	1.3
7	☐	10000.000	9904.236	5288882.28	9.4723	A	0.7
8	☐			2808.06	0.0050	P	6.9

$$y = 9.5629\text{E-}004 * x + 9.7391\text{E-}004$$

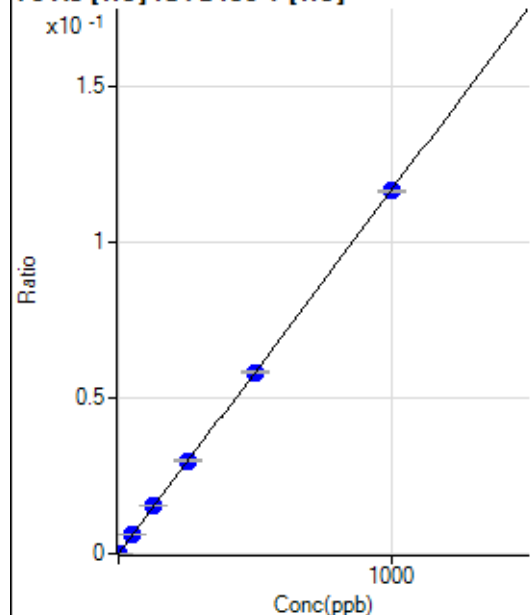
$$R = 0.9998$$

$$DL = 0.1884$$

$$BEC = 1.018$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	0.6
2	☐	1.000	1.118	507.79	0.0001	P	9.9
3	☐	50.000	53.487	23642.27	0.0062	P	2.4
4	☐	125.000	130.428	55061.62	0.0152	P	0.8
5	☐	250.000	256.175	101924.42	0.0299	P	0.7
6	☐	500.000	499.184	198935.20	0.0582	P	1.5
7	☐	1000.000	998.011	399165.94	0.1165	P	0.6
8	☐			253.34	0.0001	P	15.4

$$y = 1.1668\text{E-}004 * x + 8.4742\text{E-}007$$

$$R = 1.0000$$

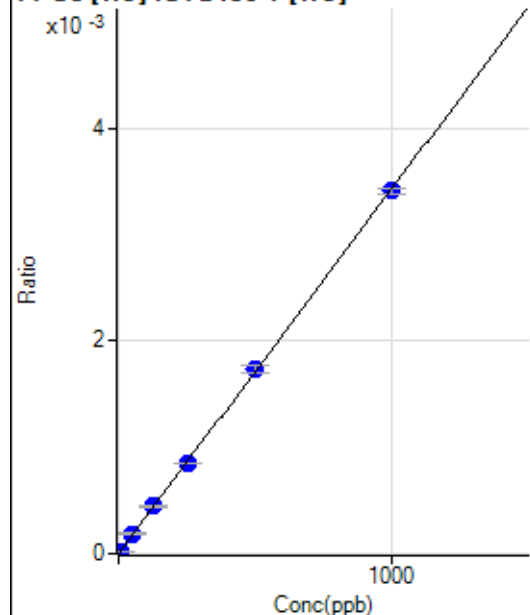
$$DL = 0.0001383$$

$$BEC = 0.007263$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.857	64.44	0.0000	P	2.5
3	☐	50.000	54.759	711.13	0.0002	P	4.6
4	☐	125.000	129.350	1604.55	0.0004	P	2.3
5	☐	250.000	248.467	2904.76	0.0009	P	0.8
6	☐	500.000	508.413	5953.48	0.0017	P	4.1
7	☐	1000.000	995.396	11698.02	0.0034	P	1.6
8	☐			2.22	0.0000	P	173.

$$y = 3.4286\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

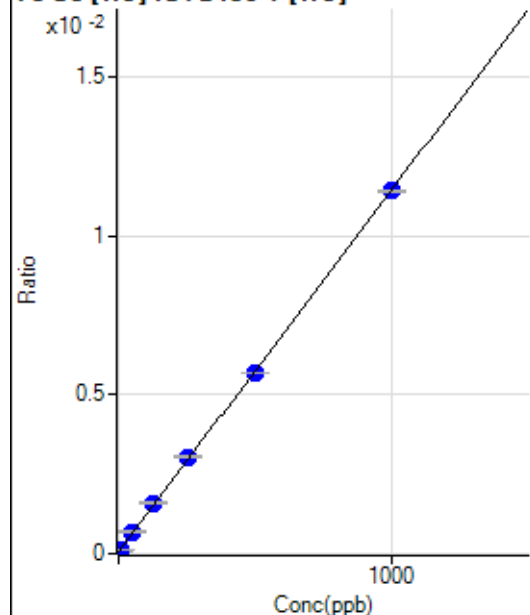
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	245.56	0.0001	P	11.5
2	☐	5.000	4.736	450.01	0.0001	P	11.9
3	☐	50.000	54.950	2605.81	0.0007	P	2.6
4	☐	125.000	134.740	5773.40	0.0016	P	3.8
5	☐	250.000	261.477	10360.37	0.0030	P	2.2
6	☐	500.000	495.346	19469.54	0.0057	P	0.6
7	☐	1000.000	997.994	39147.19	0.0114	P	0.4
8	☐			175.56	0.0001	P	20.0

$$y = 1.1381\text{E-}005 * x + 6.2511\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.889$$

$$BEC = 5.493$$

Weight: <None>

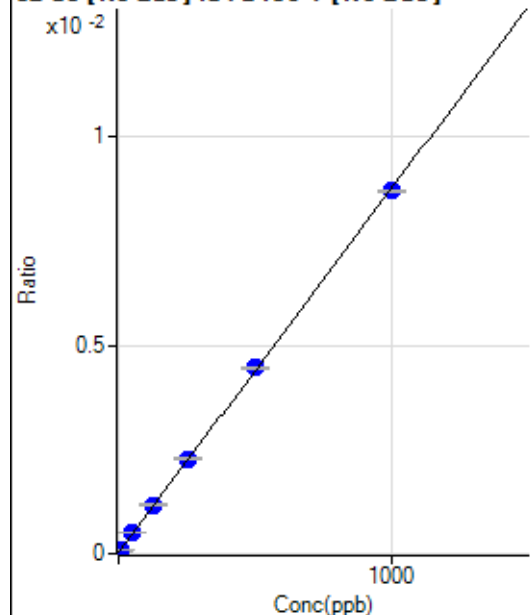
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9715.50		P	1.0
2	☐			9854.48		P	1.9
3	☐			9982.35		P	2.4
4	☐			8738.22		P	2.6
5	☐			7777.68		P	4.1
6	☐			7340.77		P	3.9
7	☐			7929.97		P	0.1
8	☐			9042.85		P	0.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	23.6
2	☐			42.22		P	38.9
3	☐			51.11		P	10.0
4	☐			38.89		P	19.8
5	☐			46.67		P	21.4
6	☐			43.33		P	33.5
7	☐			56.67		P	11.8
8	☐			58.89		P	11.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	406.27	0.0000	P	5.4
2	☐	5.000	5.126	1115.99	0.0001	P	1.0
3	☐	50.000	54.277	7802.98	0.0005	P	1.1
4	☐	125.000	130.727	17636.02	0.0012	P	1.7
5	☐	250.000	258.368	32818.80	0.0023	P	0.9
6	☐	500.000	507.185	62658.05	0.0045	P	0.6
7	☐	1000.000	993.385	122894.96	0.0087	P	0.7
8	☐			456.19	0.0000	P	5.0

$$y = 8.7434\text{E-}006 * x + 2.5642\text{E-}005$$

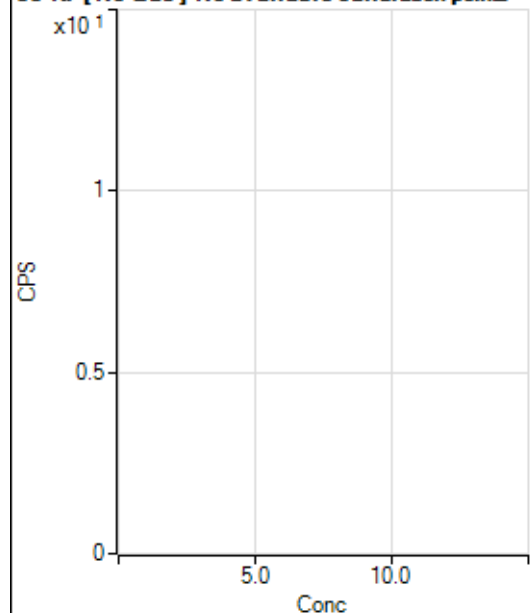
$$R = 0.9999$$

$$DL = 0.4783$$

$$BEC = 2.933$$

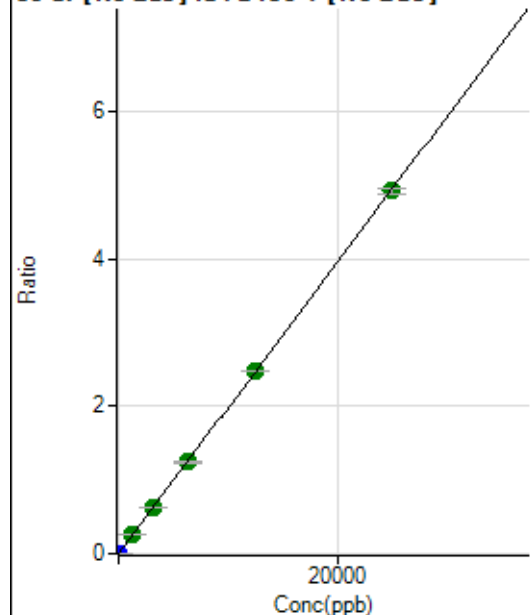
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			171.11		P	9.0
2	☐			210.00		P	5.7
3	☐			155.56		P	3.3
4	☐			157.78		P	16.0
5	☐			158.89		P	5.3
6	☐			126.67		P	7.9
7	☐			162.22		P	9.7
8	☐			216.67		P	6.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	325.56	0.0000	P	4.8
2	☐	1.000	1.002	3454.88	0.0002	P	4.1
3	☐	1250.000	1280.598	3940782.93	0.2526	A	0.3
4	☐	3125.000	3195.123	9511754.72	0.6303	A	0.5
5	☐	6250.000	6302.318	17858496.96	1.2432	A	0.9
6	☐	12500.000	12579.904	34859599.76	2.4814	A	0.7
7	☐	25000.000	24936.673	69392927.86	4.9188	A	1.4
8	☐			10717.31	0.0008	P	3.1

$$y = 1.9725E-004 * x + 2.0555E-005$$

$$R = 1.0000$$

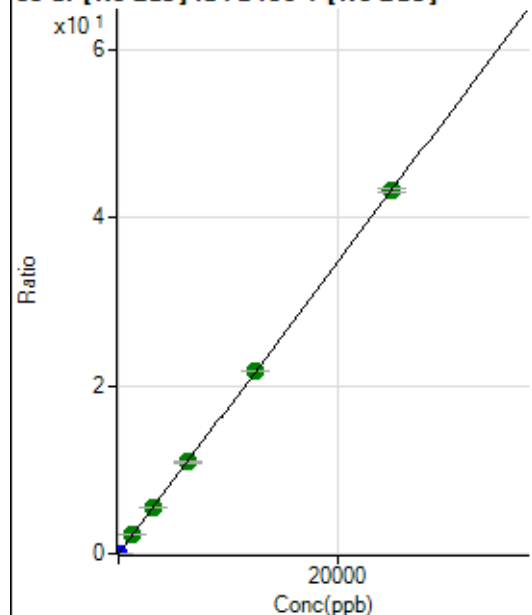
$$DL = 0.01495$$

$$BEC = 0.1042$$

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	551.13	0.0000	P	2.9
2	☐	1.000	1.017	28390.75	0.0018	P	0.7
3	☐	1250.000	1278.997	34480928.93	2.2104	A	0.4
4	☐	3125.000	3182.956	83017323.76	5.5008	A	0.3
5	☐	6250.000	6291.781	156203989.9	10.8734	A	0.3
6	☐	12500.000	12543.240	304523395.4	21.6770	A	0.6
7	☐	25000.000	24959.240	608521262.0	43.1341	A	1.1
8	☐			91002.35	0.0067	P	1.2

$$y = 0.0017 * x + 3.4790E-005$$

$$R = 1.0000$$

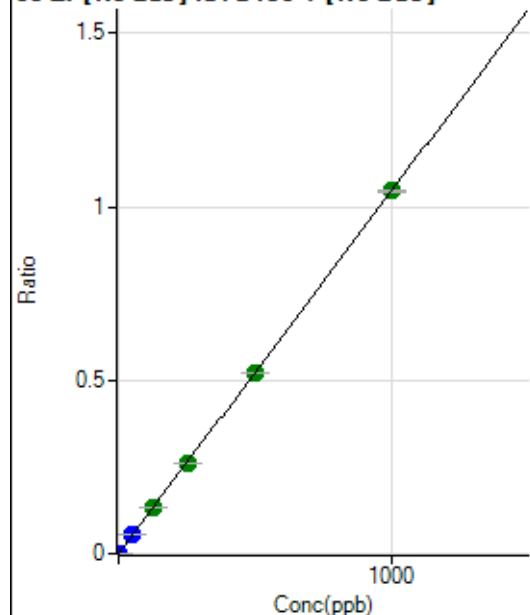
$$DL = 0.001737$$

$$BEC = 0.02013$$

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	☐	0.000	0.000	1006.71	0.0001	P	7.9
2	☐	1.000	0.982	17268.04	0.0011	P	1.1
3	☐	50.000	50.957	832496.61	0.0534	P	0.7
4	☐	125.000	127.008	2006024.26	0.1329	A	1.2
5	☐	250.000	249.831	3755096.23	0.2614	A	0.5
6	☐	500.000	499.415	7340054.27	0.5225	A	0.5
7	☐	1000.000	1000.036	14758877.56	1.0462	A	0.2
8	☐			9476.46	0.0007	P	1.9

$$y = 0.0010 * x + 6.3563E-005$$

$$R = 1.0000$$

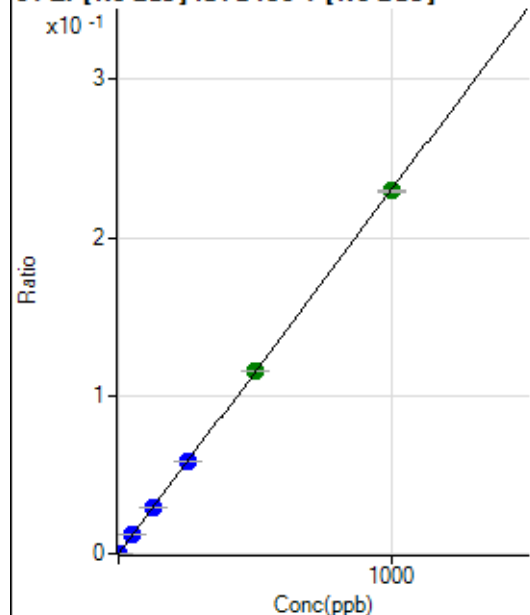
$$DL = 0.01445$$

$$BEC = 0.06076$$

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	☐	0.000	0.000	190.00	0.0000	P	9.0
2	☐	1.000	0.997	3822.75	0.0002	P	1.4
3	☐	50.000	51.360	184552.29	0.0118	P	0.6
4	☐	125.000	127.998	444708.14	0.0295	P	0.6
5	☐	250.000	254.527	841529.92	0.0586	P	0.9
6	☐	500.000	503.031	1626374.59	0.1158	A	0.5
7	☐	1000.000	996.910	3236527.97	0.2294	A	0.7
8	☐			2056.83	0.0002	P	3.9

$$y = 2.3012E-004 * x + 1.1994E-005$$

$$R = 1.0000$$

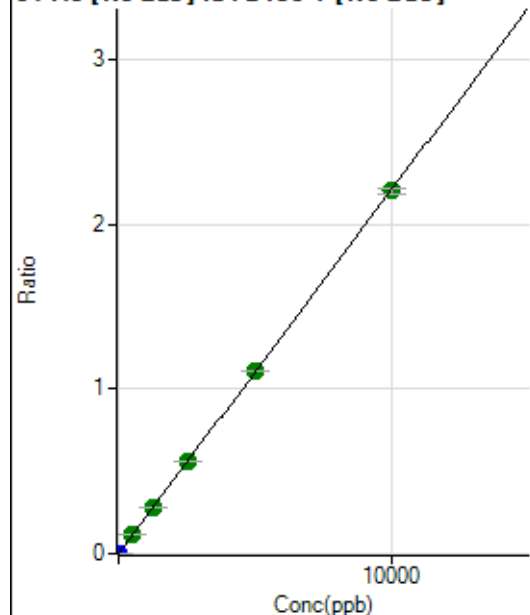
$$DL = 0.01414$$

$$BEC = 0.05212$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	422.23	0.0000	P	1.2
2	☐	5.000	5.695	20359.77	0.0013	P	0.8
3	☐	500.000	514.924	1776069.47	0.1139	A	0.6
4	☐	1250.000	1271.746	4243129.90	0.2812	A	0.6
5	☐	2500.000	2541.189	8069589.67	0.5618	A	1.3
6	☐	5000.000	5032.546	15628934.63	1.1125	A	0.4
7	☐	10000.000	9969.965	31092692.59	2.2040	A	1.4
8	☐			9619.90	0.0007	P	2.5

$$y = 2.2106\text{E-}004 * x + 2.6656\text{E-}005$$

$$R = 1.0000$$

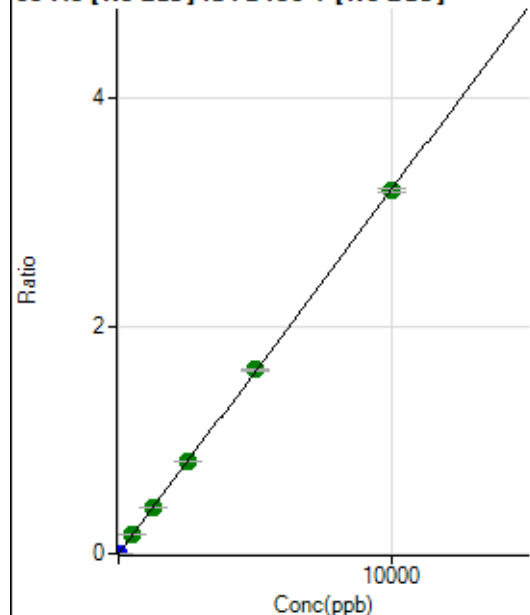
$$DL = 0.004311$$

$$BEC = 0.1206$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	194.45	0.0000	P	6.3
2	☐	5.000	4.770	24345.86	0.0015	P	1.5
3	☐	500.000	511.377	2550283.96	0.1635	A	0.1
4	☐	1250.000	1271.656	6134858.87	0.4065	A	0.8
5	☐	2500.000	2535.312	11642215.66	0.8105	A	0.9
6	☐	5000.000	5044.989	22655471.05	1.6127	A	1.0
7	☐	10000.000	9965.401	44941002.11	3.1856	A	1.1
8	☐			10159.15	0.0008	P	1.5

$$y = 3.1966\text{E-}004 * x + 1.2279\text{E-}005$$

$$R = 1.0000$$

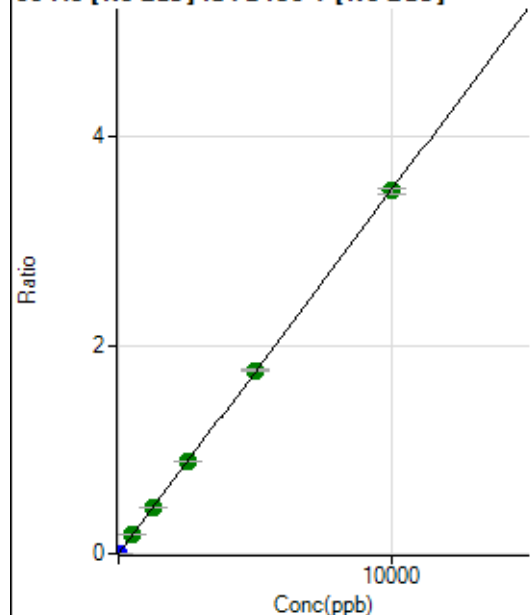
$$DL = 0.007264$$

$$BEC = 0.03841$$

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	315.56	0.0000	P	13.5
2	☐	5.000	4.819	26950.42	0.0017	P	1.4
3	☐	500.000	514.039	2798623.43	0.1794	A	0.3
4	☐	1250.000	1272.737	6703103.79	0.4442	A	0.6
5	☐	2500.000	2534.065	12703024.53	0.8843	A	0.9
6	☐	5000.000	5026.018	24639226.30	1.7539	A	1.1
7	☐	10000.000	9974.931	49107454.27	3.4809	A	1.6
8	☐			20264.13	0.0015	P	0.8

$$y = 3.4896\text{E-}004 * x + 1.9906\text{E-}005$$

$$R = 1.0000$$

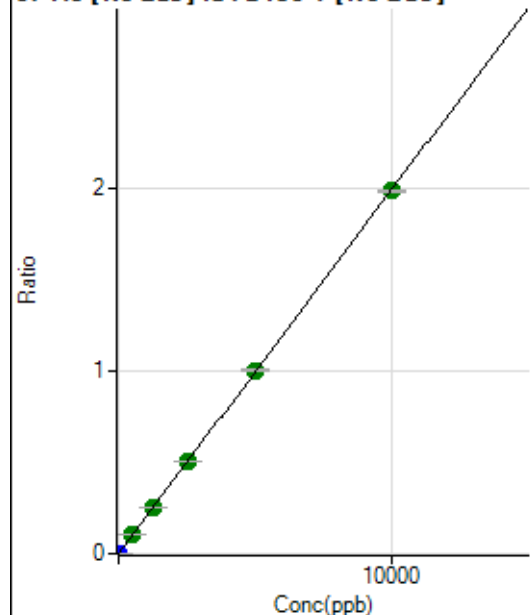
$$DL = 0.02309$$

$$BEC = 0.05704$$

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	138.89	0.0000	P	9.2
2	☐	5.000	4.766	15154.63	0.0010	P	2.3
3	☐	500.000	512.140	1589590.36	0.1019	A	0.4
4	☐	1250.000	1283.266	3853110.84	0.2553	A	0.7
5	☐	2500.000	2549.876	7287611.83	0.5073	A	0.6
6	☐	5000.000	5023.873	14041160.49	0.9995	A	1.1
7	☐	10000.000	9970.829	27985469.03	1.9837	A	0.9
8	☐			6455.93	0.0005	P	2.3

$$y = 1.9895\text{E-}004 * x + 8.7719\text{E-}006$$

$$R = 1.0000$$

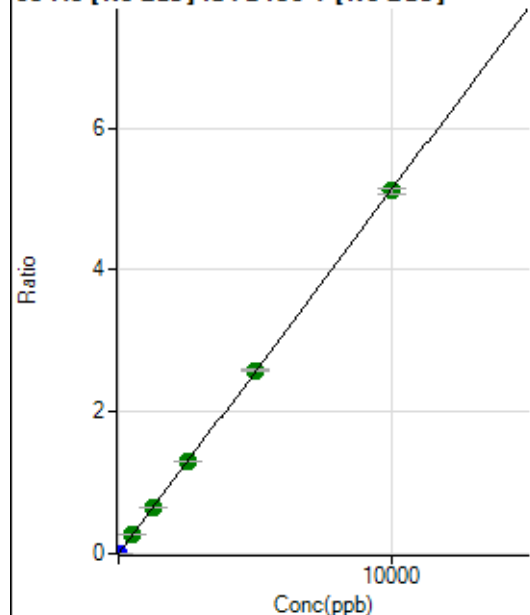
$$DL = 0.01217$$

$$BEC = 0.04409$$

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	310.92	0.0000	P	6.1
2	☐	5.000	4.726	38712.29	0.0024	P	1.3
3	☐	500.000	511.354	4092996.50	0.2624	A	0.6
4	☐	1250.000	1279.935	9910578.84	0.6567	A	0.6
5	☐	2500.000	2540.626	18724041.56	1.3035	A	0.9
6	☐	5000.000	5029.644	36250043.38	2.5804	A	0.8
7	☐	10000.000	9970.712	72165657.04	5.1154	A	1.6
8	☐			15912.57	0.0012	P	1.4

$$y = 5.1304\text{E-}004 * x + 1.9633\text{E-}005$$

$$R = 1.0000$$

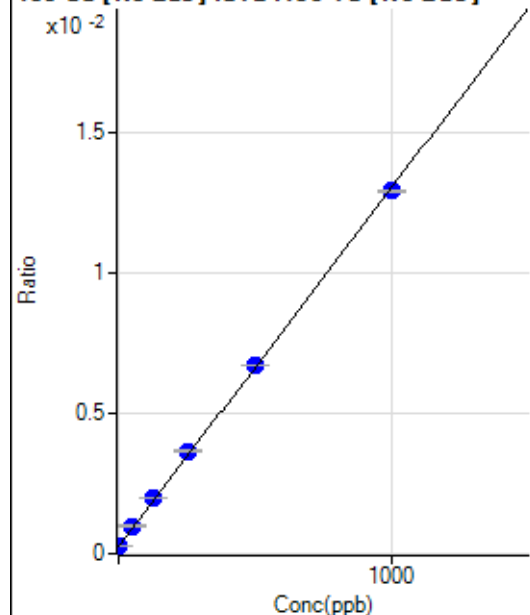
$$DL = 0.007035$$

$$BEC = 0.03827$$

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	4408.49	0.0002	P	3.3
2	☐	1.000	2.200	4804.18	0.0003	P	6.3
3	☐	50.000	57.506	17214.72	0.0010	P	2.9
4	☐	125.000	138.001	34688.05	0.0020	P	0.6
5	☐	250.000	266.354	61712.51	0.0037	P	1.5
6	☐	500.000	504.937	112877.38	0.0067	P	0.4
7	☐	1000.000	991.441	219213.19	0.0129	P	0.6
8	☐			3630.48	0.0002	P	3.0

$$y = 1.2788\text{E-}005 * x + 2.4412\text{E-}004$$

$$R = 0.9998$$

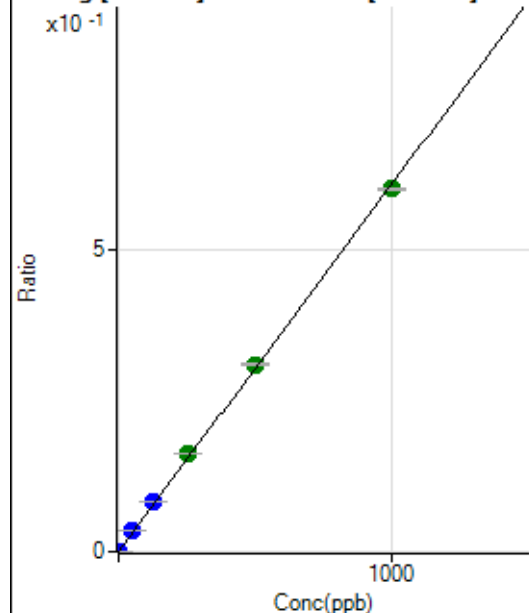
$$DL = 1.914$$

$$BEC = 19.09$$

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	70.00	0.0000	P	27.0
2	☐	1.000	1.103	11942.79	0.0007	P	2.1
3	☐	50.000	56.761	608253.57	0.0346	P	0.5
4	☐	125.000	138.205	1455049.96	0.0843	P	0.1
5	☐	250.000	267.196	2754261.14	0.1629	A	1.7
6	☐	500.000	510.489	5242790.62	0.3113	A	0.4
7	☐	1000.000	988.468	10223350.54	0.6027	A	0.6
8	☐			1187.84	0.0001	P	13.4

$$y = 6.0972\text{E-}004 * x + 3.8816\text{E-}006$$

$$R = 0.9997$$

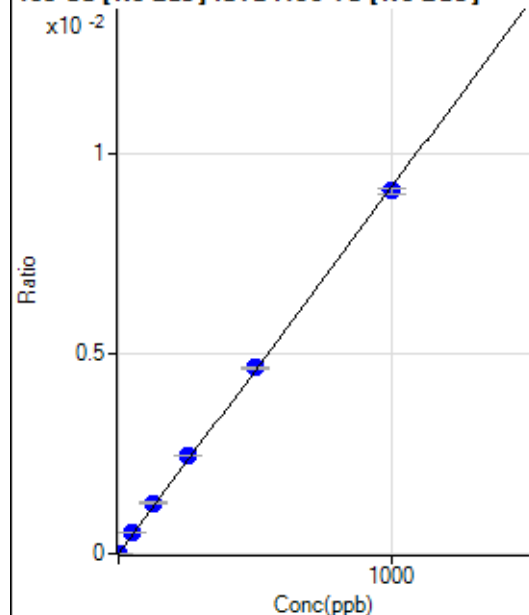
$$DL = 0.00516$$

$$BEC = 0.006366$$

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	15.56	0.0000	P	66.1
2	☐	1.000	1.112	195.56	0.0000	P	20.3
3	☐	50.000	56.637	9154.07	0.0005	P	1.2
4	☐	125.000	137.853	21867.69	0.0013	P	2.5
5	☐	250.000	267.158	41488.01	0.0025	P	1.6
6	☐	500.000	507.334	78476.25	0.0047	P	0.6
7	☐	1000.000	990.105	154226.62	0.0091	P	1.7
8	☐			90.00	0.0000	P	7.7

$$y = 9.1818\text{E-}006 * x + 8.6466\text{E-}007$$

$$R = 0.9998$$

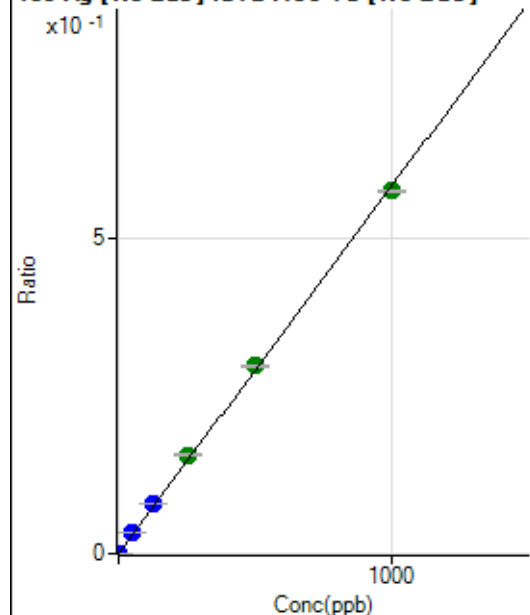
$$DL = 0.1867$$

$$BEC = 0.09417$$

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	6.6
2	☐	1.000	1.081	11116.57	0.0006	P	0.8
3	☐	50.000	56.865	580754.04	0.0330	P	0.5
4	☐	125.000	137.673	1381426.75	0.0800	P	0.1
5	☐	250.000	269.594	2648910.87	0.1567	A	0.1
6	☐	500.000	510.940	5001223.92	0.2969	A	0.3
7	☐	1000.000	987.704	9737025.69	0.5740	A	0.5
8	☐			1143.39	0.0001	P	10.0

$$y = 5.8112\text{E-}004 * x + 1.6000\text{E-}006$$

$$R = 0.9997$$

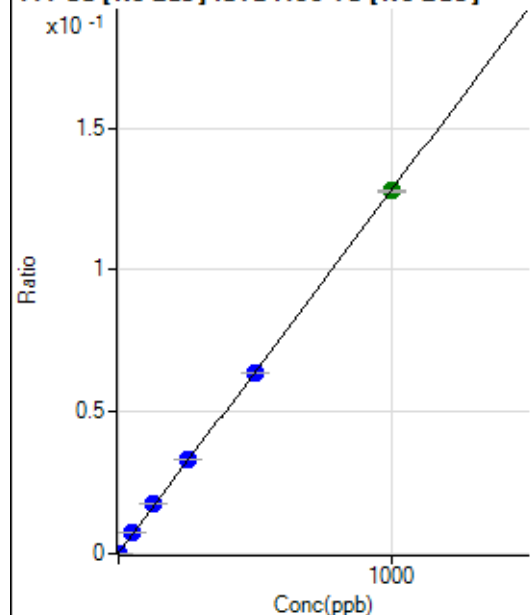
$$DL = 0.0005425$$

$$BEC = 0.002753$$

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	3079.50	0.0002	P	3.5
2	☐	1.000	1.166	5640.70	0.0003	P	6.0
3	☐	50.000	55.105	126869.05	0.0072	P	1.2
4	☐	125.000	134.734	300517.68	0.0174	P	0.3
5	☐	250.000	257.930	560677.23	0.0332	P	0.9
6	☐	500.000	496.739	1073129.18	0.0637	P	0.9
7	☐	1000.000	998.176	2168874.68	0.1279	A	0.5
8	☐			2882.79	0.0002	P	2.9

$$y = 1.2791\text{E-}004 * x + 1.7053\text{E-}004$$

$$R = 0.9999$$

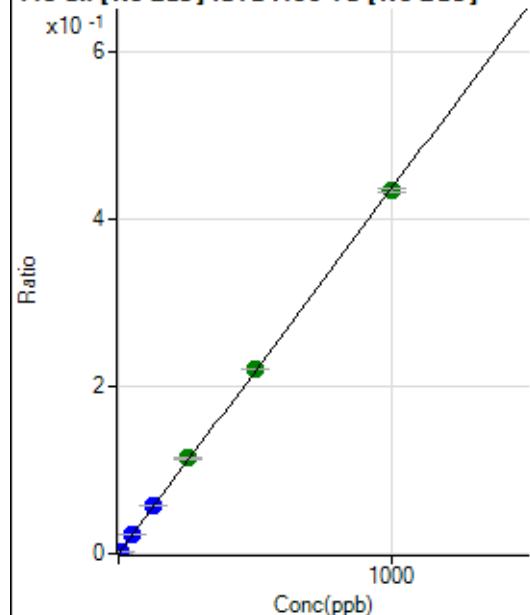
$$DL = 0.1417$$

$$BEC = 1.333$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1194.51	0.0001	P	9.0
2	☐	5.000	5.244	41582.32	0.0024	P	2.3
3	☐	50.000	54.897	422448.04	0.0240	P	0.2
4	☐	125.000	130.413	984478.95	0.0570	P	0.4
5	☐	250.000	260.625	1925450.02	0.1139	A	1.1
6	☐	500.000	505.305	3717912.41	0.2207	A	0.3
7	☐	1000.000	993.768	7362523.15	0.4340	A	1.1
8	☐			7884.46	0.0005	P	2.6

$$y = 4.3669\text{E-}004 * x + 6.6135\text{E-}005$$

$$R = 0.9999$$

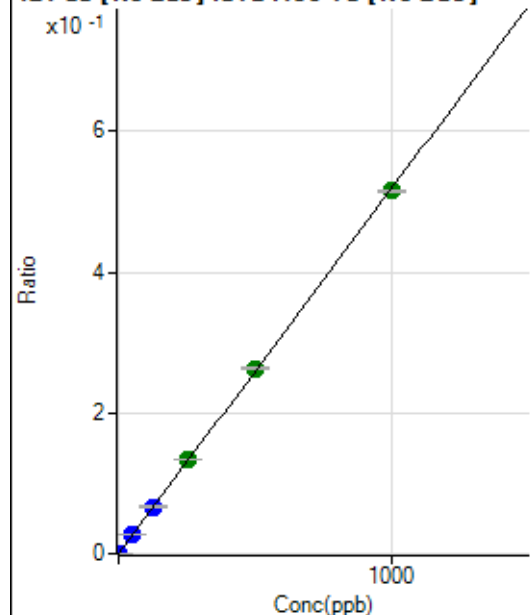
$$DL = 0.04107$$

$$BEC = 0.1514$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.22	0.0000	P	26.2
2	☐	2.000	2.112	19380.95	0.0011	P	1.3
3	☐	50.000	52.356	477115.23	0.0272	P	0.1
4	☐	125.000	128.917	1154226.08	0.0668	P	0.3
5	☐	250.000	257.940	2261382.41	0.1337	A	0.6
6	☐	500.000	507.224	4429973.27	0.2630	A	1.3
7	☐	1000.000	993.795	8741366.46	0.5153	A	0.2
8	☐			6785.00	0.0004	P	3.6

$$y = 5.1851\text{E-}004 * x + 2.8899\text{E-}006$$

$$R = 0.9999$$

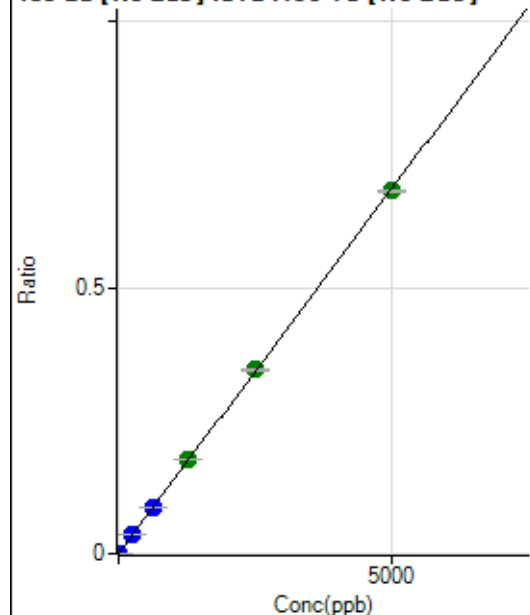
$$DL = 0.004385$$

$$BEC = 0.005573$$

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	62.22	0.0000	P	13.2
2	☐	10.000	9.982	24175.03	0.0014	P	1.3
3	☐	250.000	255.967	615765.63	0.0350	P	0.4
4	☐	625.000	631.115	1491635.36	0.0864	P	0.4
5	☐	1250.000	1294.262	2995327.70	0.1772	A	0.3
6	☐	2500.000	2523.430	5818019.29	0.3454	A	0.8
7	☐	5000.000	4976.157	11554292.88	0.6811	A	0.2
8	☐			4326.25	0.0003	P	3.3

$$y = 1.3688\text{E-}004 * x + 3.4450\text{E-}006$$

$$R = 0.9999$$

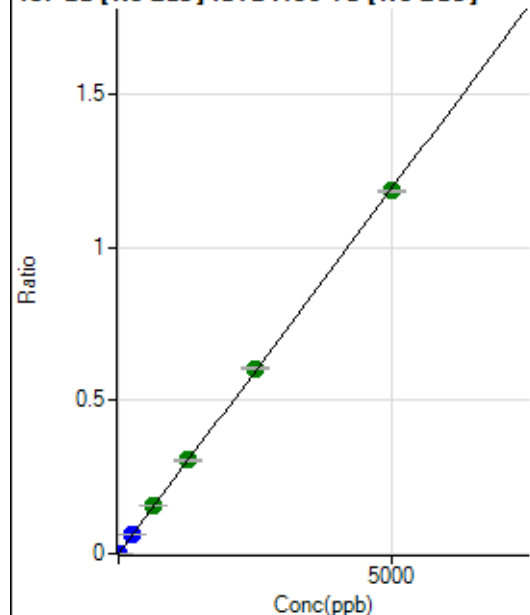
$$DL = 0.009963$$

$$BEC = 0.02517$$

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	83.33	0.0000	P	9.9
2	☐	10.000	10.013	42185.70	0.0024	P	0.3
3	☐	250.000	255.165	1068397.99	0.0608	P	0.3
4	☐	625.000	659.234	2711951.14	0.1571	A	0.2
5	☐	1250.000	1280.515	5157777.74	0.3051	A	1.1
6	☐	2500.000	2534.241	10170016.45	0.6038	A	1.0
7	☐	5000.000	4970.713	20089716.92	1.1843	A	0.3
8	☐			7330.83	0.0005	P	0.6

$$y = 2.3825\text{E-}004 * x + 4.6132\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.005737$$

$$BEC = 0.01936$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	63.0
2	☐			11.11		P	86.6
3	☐			25.56		P	32.8
4	☐			78.89		P	16.0
5	☐			142.22		P	9.5
6	☐			262.23		P	11.8
7	☐			558.91		P	8.1
8	☐			731.14		P	4.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.8
2	☐			10.00		P	57.8
3	☐			11.11		P	34.6
4	☐			24.44		P	7.9
5	☐			36.67		P	27.3
6	☐			54.44		P	40.8
7	☐			115.56		P	3.3
8	☐			407.79		P	2.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	52.7
2	☐			21.11		P	18.2
3	☐			17.78		P	10.8
4	☐			38.89		P	26.2
5	☐			64.45		P	20.9
6	☐			118.89		P	5.8
7	☐			208.89		P	19.0
8	☐			353.34		P	0.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			6.67		P	50.0
3	☐			25.56		P	66.9
4	☐			71.11		P	5.4
5	☐			145.56		P	8.0
6	☐			268.89		P	2.6
7	☐			565.57		P	2.7
8	☐			313.34		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	22.6
2	☐			106.67		P	8.3
3	☐			103.33		P	3.2
4	☐			105.56		P	20.3
5	☐			90.00		P	3.7
6	☐			111.11		P	11.4
7	☐			136.67		P	12.9
8	☐			413.35		P	13.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			667.80		P	8.8
2	☐			688.91		P	0.7
3	☐			660.03		P	5.7
4	☐			603.35		P	5.5
5	☐			656.69		P	4.2
6	☐			635.58		P	6.0
7	☐			692.25		P	6.8
8	☐			784.48		P	7.0

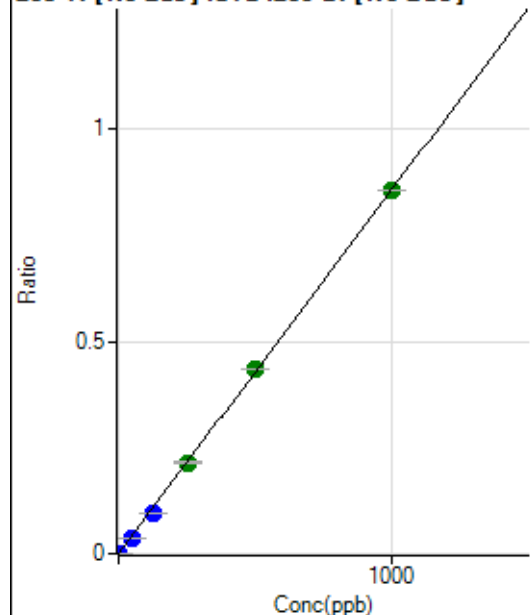
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	16.4
2	☐			154.45		P	13.0
3	☐			106.67		P	13.6
4	☐			122.23		P	15.5
5	☐			112.22		P	28.2
6	☐			156.67		P	16.9
7	☐			156.67		P	6.4
8	☐			662.24		P	3.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	7.9
2	☐			73.33		P	16.4
3	☐			70.00		P	16.5
4	☐			81.11		P	34.5
5	☐			86.67		P	29.0
6	☐			116.67		P	25.7
7	☐			113.33		P	8.8
8	☐			466.68		P	2.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	33.3
2	☐	1.000	0.866	7173.07	0.0007	P	1.3
3	☐	50.000	44.831	364905.29	0.0384	P	0.5
4	☐	125.000	111.837	899599.51	0.0958	P	0.7
5	☐	250.000	250.750	1984921.76	0.2149	A	0.8
6	☐	500.000	507.780	4009815.67	0.4351	A	0.0
7	☐	1000.000	997.826	7875188.98	0.8550	A	0.1
8	☐			798.92	0.0001	P	12.7

$$y = 8.5686\text{E-}004 * x + 2.1525\text{E-}006$$

$$R = 0.9999$$

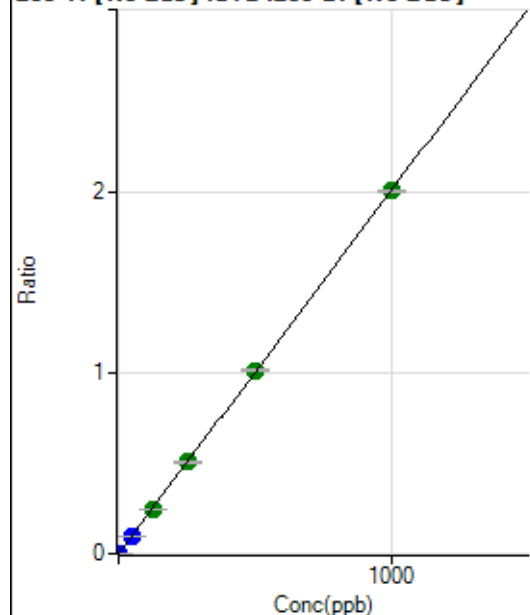
$$DL = 0.002508$$

$$BEC = 0.002512$$

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	87.78	0.0000	P	8.4
2	☐	1.000	0.890	17308.93	0.0018	P	0.2
3	☐	50.000	45.600	869282.10	0.0915	P	0.9
4	☐	125.000	123.726	2330794.15	0.2483	A	0.5
5	☐	250.000	251.464	4661726.08	0.5046	A	1.1
6	☐	500.000	503.495	9310816.25	1.0104	A	1.3
7	☐	1000.000	998.266	18451261.53	2.0032	A	0.5
8	☐			1845.70	0.0002	P	7.6

$$y = 0.0020 * x + 8.9453\text{E-}006$$

$$R = 1.0000$$

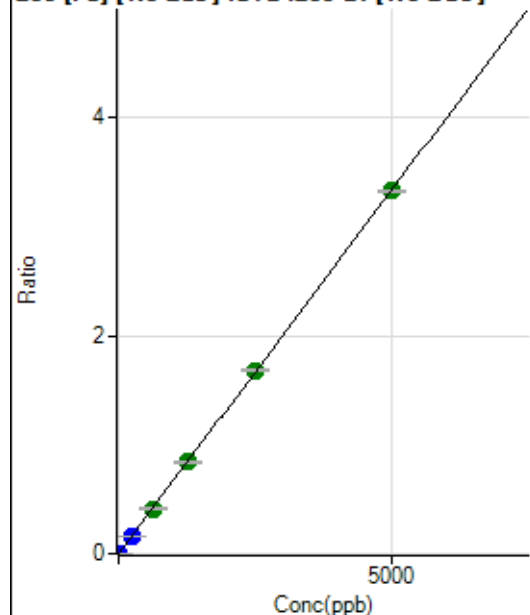
$$DL = 0.001121$$

$$BEC = 0.004458$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1662.34	0.0002	P	3.7
2	☐	1.000	0.939	7671.16	0.0008	P	1.1
3	☐	250.000	233.063	1478937.69	0.1557	P	0.4
4	☐	625.000	621.333	3893974.14	0.4148	A	0.5
5	☐	1250.000	1256.743	7749240.93	0.8388	A	0.4
6	☐	2500.000	2515.975	15473784.08	1.6791	A	1.0
7	☐	5000.000	4991.632	30682305.37	3.3311	A	0.4
8	☐			15313.26	0.0019	P	8.5

$$y = 6.6731E-004 * x + 1.6934E-004$$

R = 1.0000

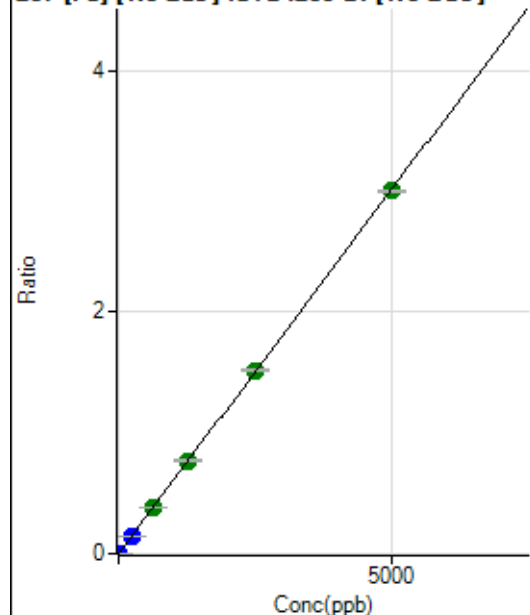
DL = 0.02841

BEC = 0.2538

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1405.64	0.0001	P	5.5
2	☐	1.000	0.841	6264.84	0.0006	P	2.6
3	☐	250.000	228.383	1308829.63	0.1378	P	0.7
4	☐	625.000	631.298	3573318.91	0.3806	A	2.2
5	☐	1250.000	1276.283	7107411.14	0.7693	A	1.1
6	☐	2500.000	2520.357	13999373.82	1.5191	A	1.4
7	☐	5000.000	4983.544	27666136.25	3.0037	A	0.8
8	☐			13396.73	0.0017	P	6.8

$$y = 6.0269E-004 * x + 1.4317E-004$$

R = 1.0000

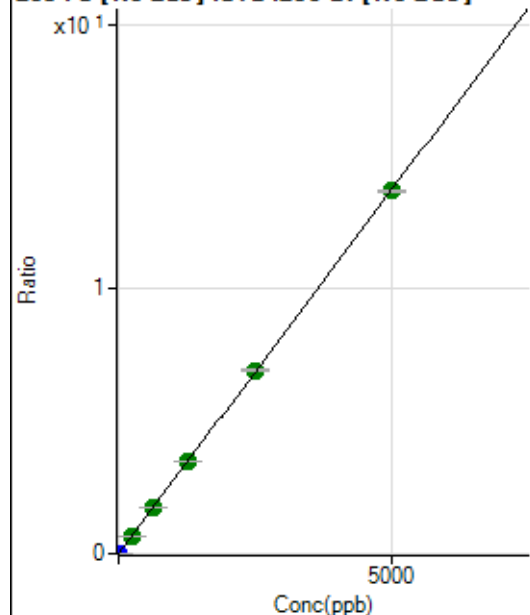
DL = 0.03909

BEC = 0.2375

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	6749.63	0.0007	P	3.8
2	☐	1.000	0.886	30121.32	0.0031	P	2.3
3	☐	250.000	242.882	6351792.69	0.6687	A	0.7
4	☐	625.000	625.311	16150940.76	1.7205	A	1.2
5	☐	1250.000	1266.585	32187844.17	3.4842	A	0.5
6	☐	2500.000	2514.847	63745969.61	6.9172	A	0.9
7	☐	5000.000	4988.747	126381961.7	13.7212	A	0.4
8	☐			61753.74	0.0077	P	7.6

$$y = 0.0028 * x + 6.8753E-004$$

$$R = 1.0000$$

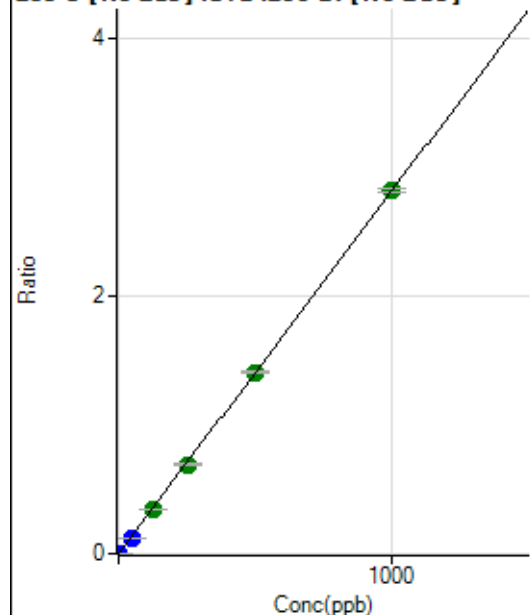
$$DL = 0.02857$$

$$BEC = 0.25$$

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	42.22	0.0000	P	51.0
2	☐	1.000	0.838	22776.23	0.0024	P	1.2
3	☐	50.000	43.767	1170381.86	0.1232	P	0.8
4	☐	125.000	123.111	3253139.61	0.3466	A	1.9
5	☐	250.000	245.782	6391888.93	0.6919	A	1.2
6	☐	500.000	500.327	12979979.11	1.4085	A	0.5
7	☐	1000.000	1001.439	25966270.17	2.8191	A	0.9
8	☐			1177.84	0.0001	P	3.8

$$y = 0.0028 * x + 4.3134E-006$$

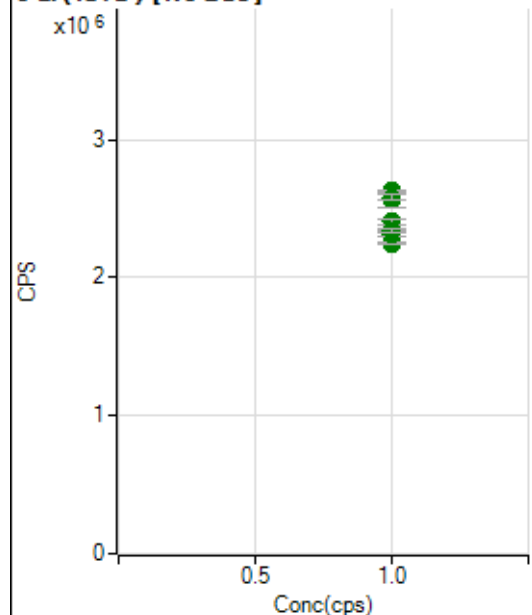
$$R = 1.0000$$

$$DL = 0.002346$$

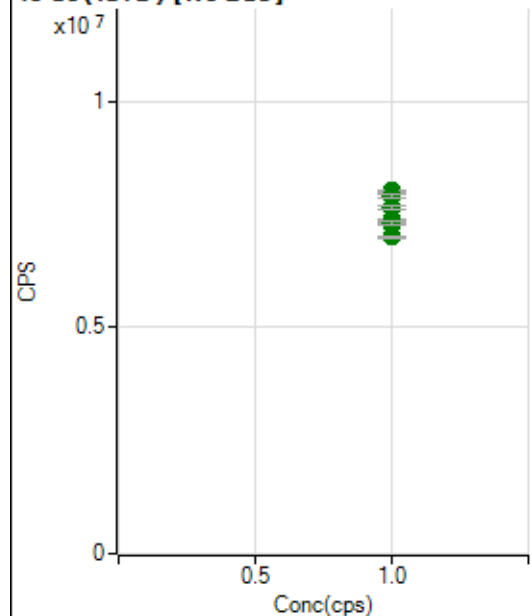
$$BEC = 0.001532$$

Weight: <None>

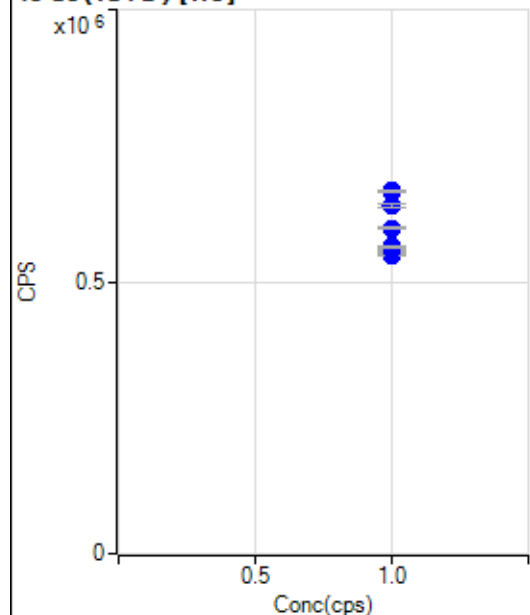
Min Conc: 0

6 Li (ISTD) [No Gas]

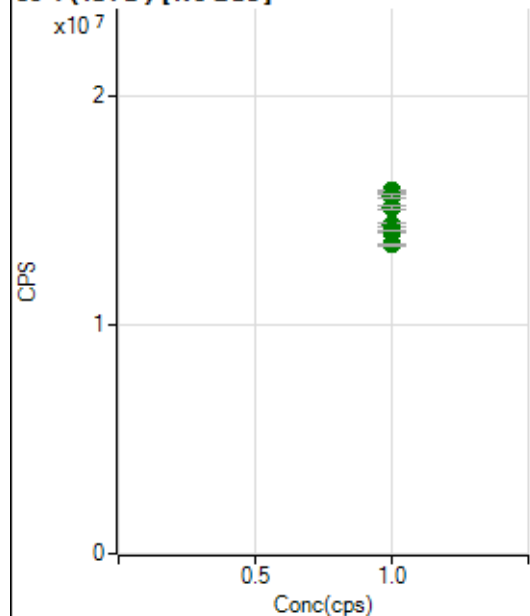
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2245557.94		A	0.7
2	☐	1.000		2313198.99		A	1.6
3	☐	1.000		2339755.42		A	0.4
4	☐	1.000		2405114.39		A	1.4
5	☐	1.000		2557292.46		A	3.7
6	☐	1.000		2627537.04		A	0.8
7	☐	1.000		2580534.69		A	1.7
8	☐	1.000		2340351.84		A	1.4

45 Sc (ISTD) [No Gas]

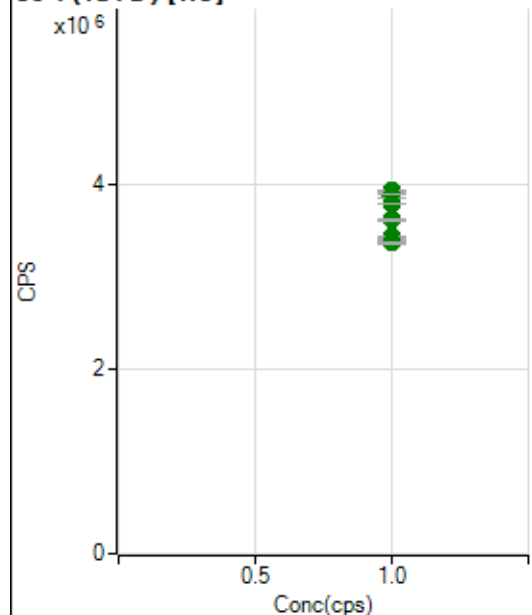
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7994571.06		A	1.1
2	☐	1.000		8025243.07		A	0.5
3	☐	1.000		7903760.44		A	1.2
4	☐	1.000		7662827.04		A	0.8
5	☐	1.000		7398616.49		A	0.3
6	☐	1.000		7288695.31		A	0.8
7	☐	1.000		7309220.93		A	0.8
8	☐	1.000		7010078.23		A	0.7

45 Sc (ISTD) [He]

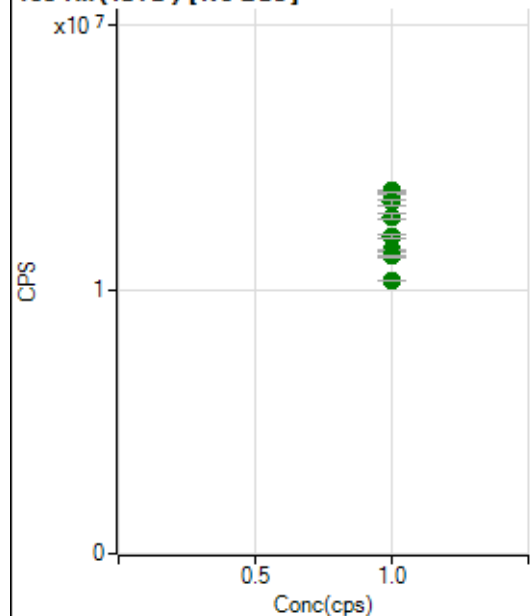
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		665083.54		P	0.4
2	☐	1.000		667049.45		P	0.6
3	☐	1.000		639216.75		P	0.8
4	☐	1.000		599217.26		P	1.0
5	☐	1.000		554110.29		P	0.7
6	☐	1.000		549224.23		P	0.2
7	☐	1.000		558362.59		P	0.3
8	☐	1.000		564889.34		P	0.9

89 Y (ISTD) [No Gas]

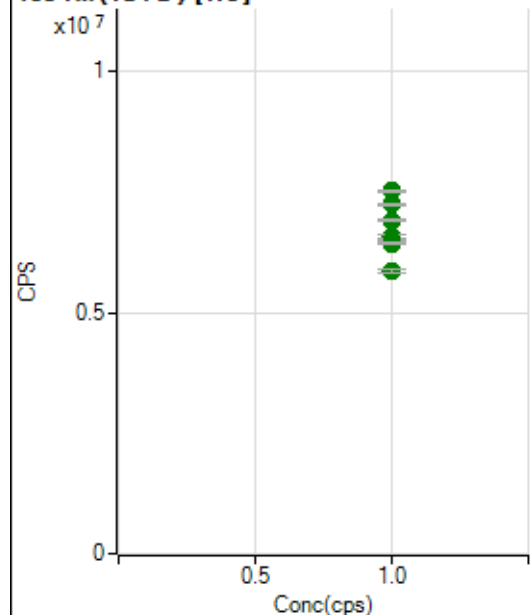
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15841201.71		A	0.8
2	☐	1.000		15838267.82		A	0.5
3	☐	1.000		15600008.80		A	1.0
4	☐	1.000		15092282.55		A	1.0
5	☐	1.000		14366083.12		A	1.4
6	☐	1.000		14048487.29		A	0.4
7	☐	1.000		14107745.34		A	0.1
8	☐	1.000		13488323.55		A	0.5

89 Y (ISTD) [He]

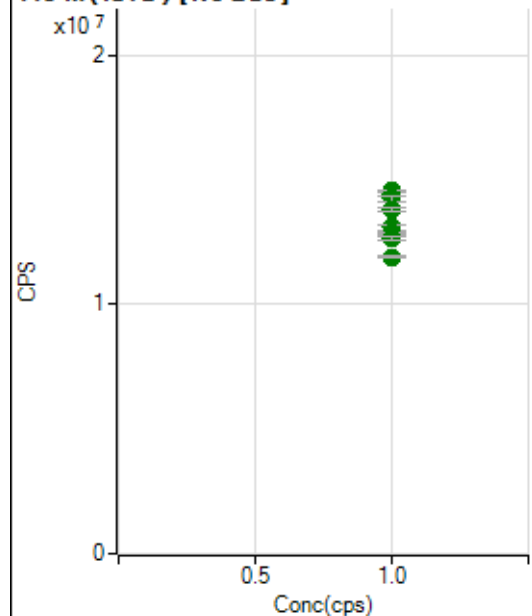
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3929656.82		A	0.6
2	☐	1.000		3869469.80		A	1.2
3	☐	1.000		3787921.82		A	0.4
4	☐	1.000		3617832.17		A	0.4
5	☐	1.000		3409666.48		A	0.6
6	☐	1.000		3415758.00		A	1.1
7	☐	1.000		3427810.61		A	0.5
8	☐	1.000		3367835.57		A	0.4

103 Rh (ISTD) [No Gas]

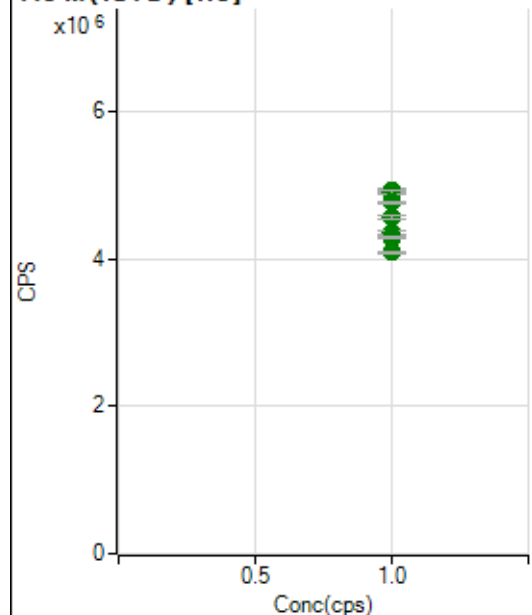
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13721493.96		A	0.7
2	☐	1.000		13659308.68		A	0.4
3	☐	1.000		13306578.00		A	1.7
4	☐	1.000		12762045.78		A	1.6
5	☐	1.000		11975158.30		A	1.2
6	☐	1.000		11481179.00		A	0.6
7	☐	1.000		11263983.30		A	0.7
8	☐	1.000		10336174.57		A	0.5

103 Rh (ISTD) [He]

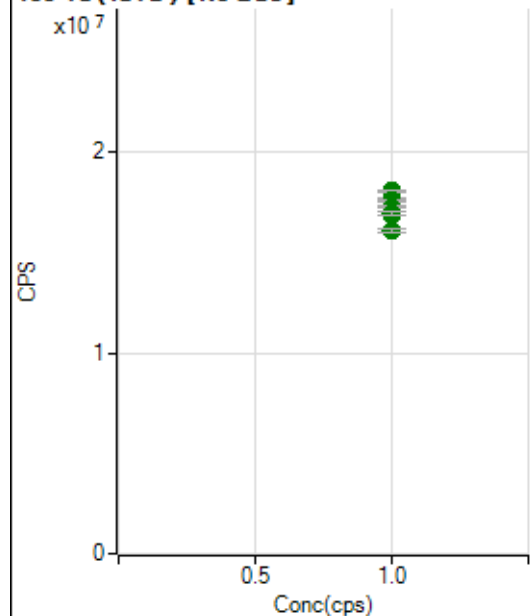
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7529261.28		A	0.6
2	☐	1.000		7526693.78		A	0.7
3	☐	1.000		7244143.23		A	0.8
4	☐	1.000		6913613.09		A	0.6
5	☐	1.000		6574895.11		A	1.4
6	☐	1.000		6499346.36		A	0.2
7	☐	1.000		6437237.13		A	0.8
8	☐	1.000		5871094.98		A	0.9

115 In (ISTD) [No Gas]

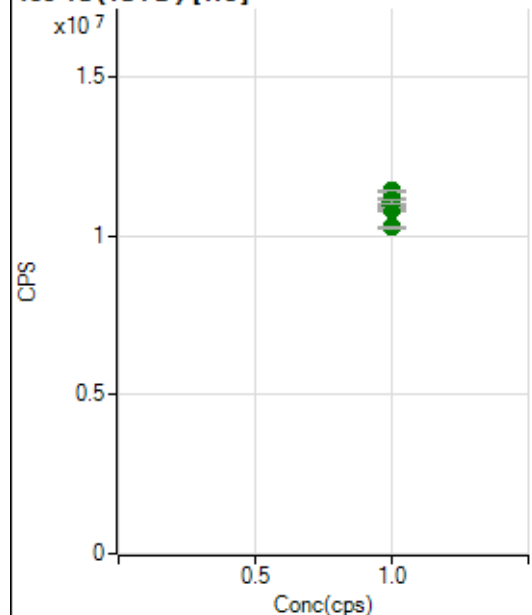
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14551377.75		A	0.9
2	☐	1.000		14459498.26		A	1.2
3	☐	1.000		14235738.59		A	1.4
4	☐	1.000		13808183.64		A	1.2
5	☐	1.000		13081749.68		A	1.4
6	☐	1.000		12850633.95		A	0.3
7	☐	1.000		12653684.74		A	0.7
8	☐	1.000		11907273.45		A	1.0

115 In (ISTD) [He]

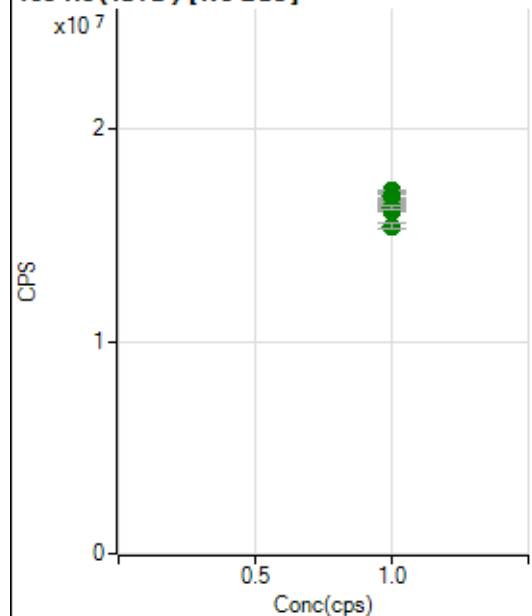
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4929110.39		A	1.2
2	☐	1.000		4911681.83		A	0.7
3	☐	1.000		4776871.26		A	0.7
4	☐	1.000		4565682.02		A	1.2
5	☐	1.000		4368495.68		A	1.4
6	☐	1.000		4301995.50		A	0.1
7	☐	1.000		4293748.40		A	0.8
8	☐	1.000		4090370.81		A	0.7

159 Tb (ISTD) [No Gas]

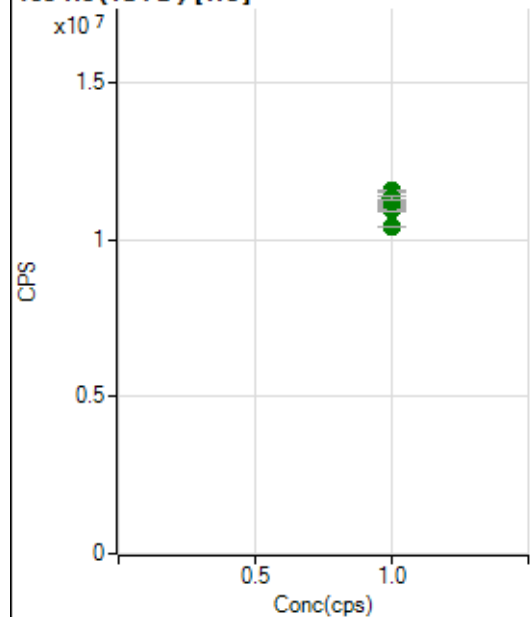
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18055512.09		A	0.9
2	☐	1.000		17649760.29		A	0.5
3	☐	1.000		17573256.41		A	0.4
4	☐	1.000		17266446.41		A	0.6
5	☐	1.000		16907593.08		A	1.3
6	☐	1.000		16843657.11		A	0.2
7	☐	1.000		16963441.97		A	1.1
8	☐	1.000		16107204.48		A	1.2

159 Tb (ISTD) [He]

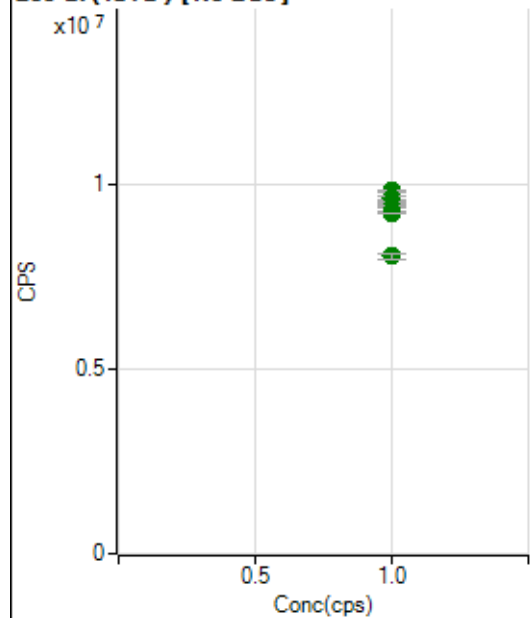
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11417417.47		A	0.7
2	☐	1.000		11140976.08		A	0.4
3	☐	1.000		10990584.63		A	0.6
4	☐	1.000		10824076.64		A	0.9
5	☐	1.000		10823144.01		A	0.3
6	☐	1.000		10973053.31		A	1.0
7	☐	1.000		11086409.97		A	1.0
8	☐	1.000		10267582.77		A	0.8

165 Ho (ISTD) [No Gas]

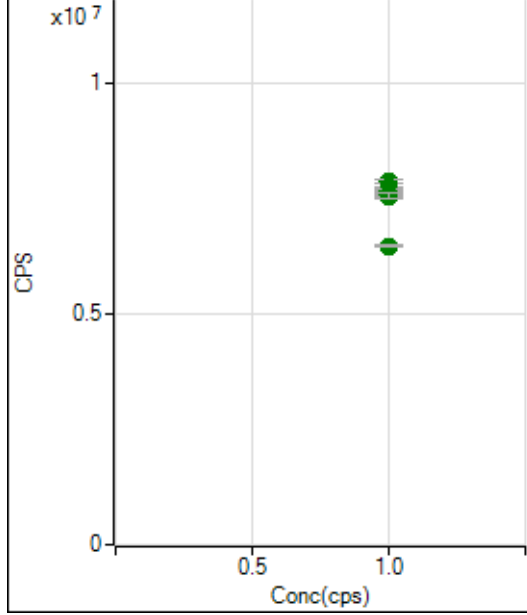
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17078655.72		A	0.2
2	☐	1.000		16873753.78		A	1.0
3	☐	1.000		16725577.25		A	0.5
4	☐	1.000		16547363.78		A	0.5
5	☐	1.000		16158281.57		A	1.1
6	☐	1.000		16193827.81		A	1.0
7	☐	1.000		16287522.39		A	0.7
8	☐	1.000		15429426.71		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11553181.63		A	0.3
2	☐	1.000		11182781.50		A	1.2
3	☐	1.000		11047376.99		A	1.0
4	☐	1.000		10987741.64		A	1.9
5	☐	1.000		10951928.45		A	0.6
6	☐	1.000		11198915.04		A	0.1
7	☐	1.000		11337185.31		A	1.4
8	☐	1.000		10406821.93		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9815570.34		A	0.8
2	☐	1.000		9642171.73		A	1.2
3	☐	1.000		9498978.19		A	0.3
4	☐	1.000		9387738.12		A	1.0
5	☐	1.000		9238432.85		A	0.3
6	☐	1.000		9215907.29		A	0.7
7	☐	1.000		9210815.21		A	0.4
8	☐	1.000		8049339.25		A	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7861379.05		A	1.2
2	☐	1.000		7761523.15		A	0.2
3	☐	1.000		7592286.83		A	1.9
4	☐	1.000		7552487.39		A	1.0
5	☐	1.000		7560423.71		A	0.6
6	☐	1.000		7676270.23		A	1.0
7	☐	1.000		7569969.47		A	1.3
8	☐	1.000		6462569.91		A	0.7