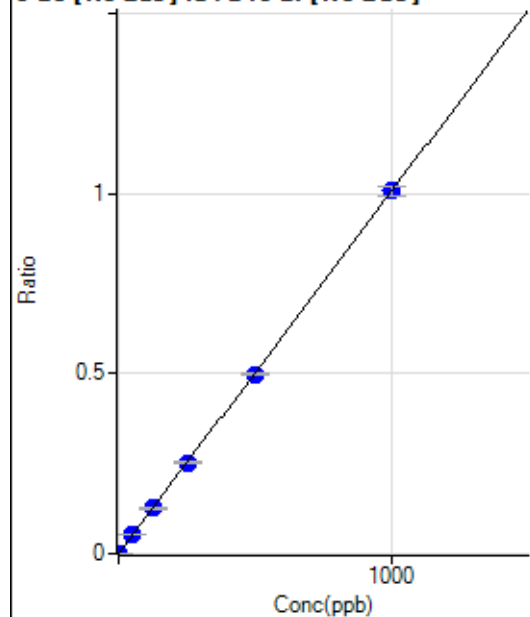


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7112625-MS.b\
 Analysis File: P7112625-MS.batch.bin
 DA Date-Time: 2025-11-26 16:52:27
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-11-26 12:59:07
2	005CALS.d	S02	2025-11-26 13:02:22
3	006CALS.d	S03	2025-11-26 13:05:39
4	007CALS.d	S04	2025-11-26 13:08:46
5	008CALS.d	S05	2025-11-26 13:11:47
6	009CALS.d	S06	2025-11-26 13:14:39
7	010CALS.d	S07	2025-11-26 13:17:27
8	011CALS.d	S08	2025-11-26 13:20:11

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0000	P	49.0
2	☐	1.000	1.011	1095.60	0.0010	P	4.9
3	☐	50.000	52.351	53488.55	0.0528	P	1.7
4	☐	125.000	126.381	129877.80	0.1273	P	2.9
5	☐	250.000	251.937	249909.69	0.2538	P	2.8
6	☐	500.000	495.816	472587.73	0.4995	P	1.8
7	☐	1000.000	1001.318	873094.16	1.0088	P	2.4
8	☐			278.89	0.0003	P	13.1

$$y = 0.0010 * x + 1.3961E-005$$

$$R = 1.0000$$

$$DL = 0.02038$$

$$BEC = 0.01386$$

Weight: <None>

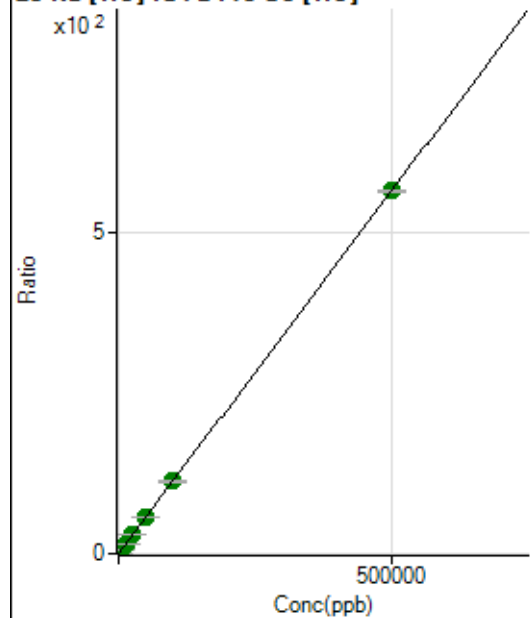
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	14877.25	0.0393	P	1.1
2	☐	500.000	449.490	208414.58	0.5465	P	0.5
3	☐	5000.000	5064.686	2092842.82	5.7536	A	0.6
4	☐	12500.000	12482.804	4883458.64	14.1232	A	0.6
5	☐	25000.000	25545.784	9804934.99	28.8618	A	1.0
6	☐	50000.000	50265.819	18537775.28	56.7526	A	0.8
7	☐	100000.00	99648.769	33896980.60	112.4697	A	1.3
8	☐	500000.00	500016.20	206093703.6	564.1910	A	0.7

$$y = 0.0011 * x + 0.0393$$

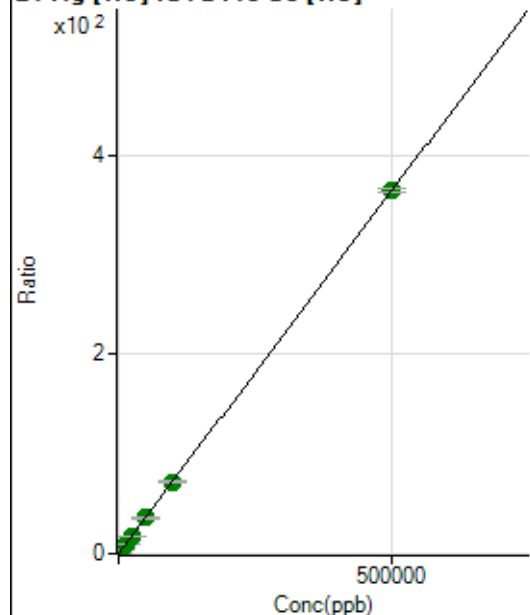
$$R = 1.0000$$

$$DL = 1.174$$

$$BEC = 34.84$$

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	196.67	0.0005	P	11.3
2	☐	500.000	450.906	125298.94	0.3285	P	0.6
3	☐	5000.000	5031.448	1331517.35	3.6607	A	0.2
4	☐	12500.000	12401.381	3119367.87	9.0219	A	1.2
5	☐	25000.000	25035.775	6187416.78	18.2128	A	0.4
6	☐	50000.000	49378.640	11731674.83	35.9211	A	1.9
7	☐	100000.00	99071.402	21721298.84	72.0701	A	0.9
8	☐	500000.00	500248.26	132935292.4	363.9067	A	1.2

$$y = 7.2745\text{E-}004 * x + 5.1922\text{E-}004$$

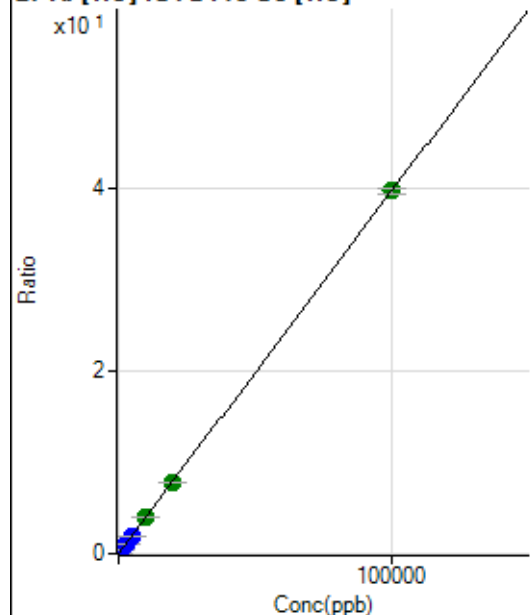
$$R = 1.0000$$

$$DL = 0.2412$$

$$BEC = 0.7138$$

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	161.11	0.0004	P	17.2
2	☐	20.000	20.062	3197.03	0.0084	P	2.5
3	☐	1000.000	984.838	142238.91	0.3911	P	0.8
4	☐	2500.000	2459.726	337493.41	0.9761	P	0.2
5	☐	5000.000	4912.343	662058.15	1.9489	P	0.9
6	☐	10000.000	9910.031	1284010.65	3.9311	A	1.2
7	☐	20000.000	19632.854	2347075.87	7.7876	A	1.2
8	☐	100000.00	100087.96	14501095.48	39.6993	A	1.9

$$y = 3.9664\text{E-}004 * x + 4.2555\text{E-}004$$

$$R = 1.0000$$

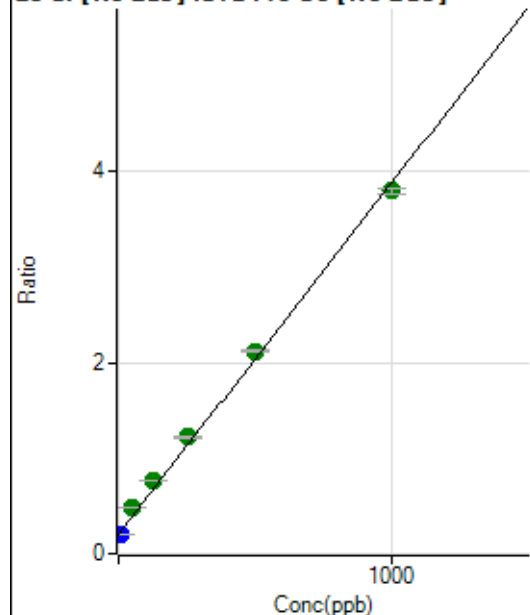
$$DL = 0.5544$$

$$BEC = 1.073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	826009.42	0.2023	P	1.8
2	☐	10.000	0.027	834670.20	0.2024	P	0.8
3	☐	50.000	74.996	1901402.02	0.4781	A	0.9
4	☐	125.000	154.279	2911606.52	0.7697	A	1.2
5	☐	250.000	277.524	4526258.40	1.2230	A	1.9
6	☐	500.000	521.470	7483073.71	2.1202	A	0.5
7	☐	1000.000	977.574	12513308.43	3.7976	A	1.5
8	☐			822671.40	0.2177	P	2.7

$$y = 0.0037 * x + 0.2023$$

$$R = 0.9986$$

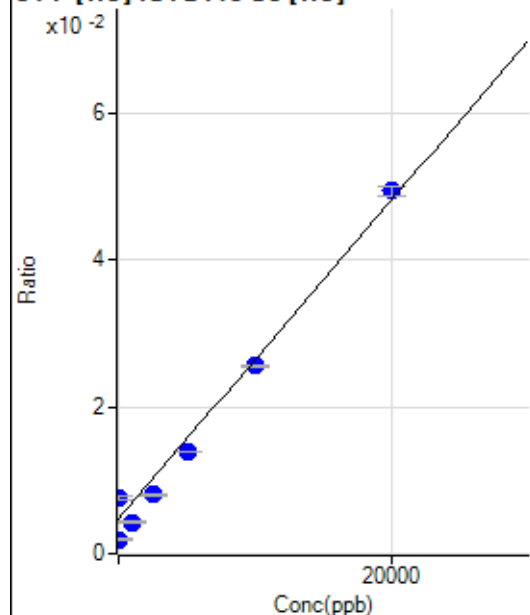
$$DL = 3.012$$

$$BEC = 55$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1308.973	730.02	0.0019	P	5.7
2	☐	0.000	1308.973	2901.41	0.0076	P	5.6
3	☐	1000.000	-231.869	1551.21	0.0043	P	3.0
4	☐	2500.000	1527.399	2793.62	0.0081	P	3.6
5	☐	5000.000	4229.227	4736.33	0.0139	P	0.9
6	☐	10000.000	9615.109	8370.14	0.0256	P	1.1
7	☐	20000.000	20568.307	14882.89	0.0494	P	2.3
8	☐			687.80	0.0019	P	10.3

$$y = 2.1692E-006 * x + 0.0048$$

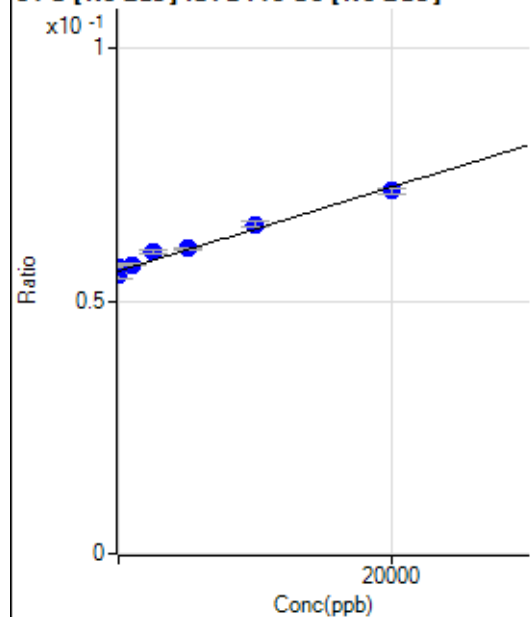
$$R = 0.9928$$

$$DL = 370.8$$

$$BEC = 2198$$

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	-1062.919	224899.69	0.0551	P	2.3
2	☐	0.000	1062.919	234444.13	0.0568	P	0.4
3	☐	1000.000	1500.761	227516.26	0.0572	P	0.3
4	☐	2500.000	4645.560	226271.70	0.0598	P	1.3
5	☐	5000.000	5308.684	223446.51	0.0604	P	0.9
6	☐	10000.000	11152.291	230187.18	0.0652	P	1.3
7	☐	20000.000	19053.451	236513.21	0.0718	P	1.4
8	☐			193620.22	0.0512	P	2.3

$$y = 8.3049\text{E-}007 * x + 0.0560$$

$$R = 0.9879$$

$$DL = 2670$$

$$BEC = 6.739\text{E}+04$$

Weight: <None>

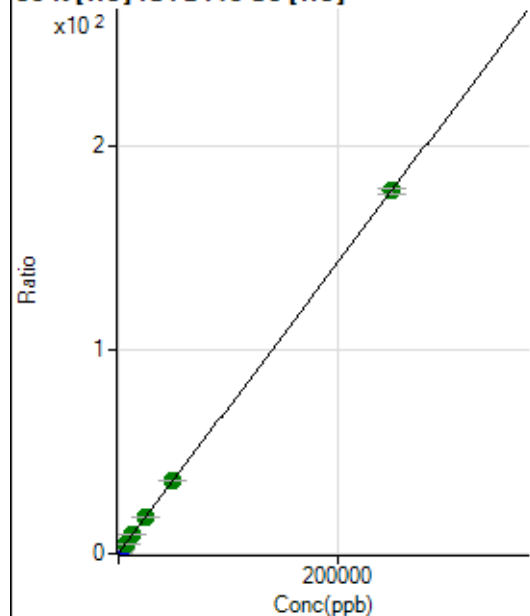
Min Conc: 0

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	57045.22	0.1507	P	0.7
2	☐	500.000	478.319	187365.39	0.4913	P	1.2
3	☐	2500.000	2614.845	731958.91	2.0123	P	0.4
4	☐	6250.000	6321.746	1608319.80	4.6515	A	0.6
5	☐	12500.000	12542.175	3084626.86	9.0801	A	1.6
6	☐	25000.000	24661.639	5784310.12	17.7084	A	0.8
7	☐	50000.000	50174.746	10812158.45	35.8724	A	0.5
8	☐	250000.00	249993.87	65068355.70	178.1325	A	1.4

$$y = 7.1194\text{E-}004 * x + 0.1507$$

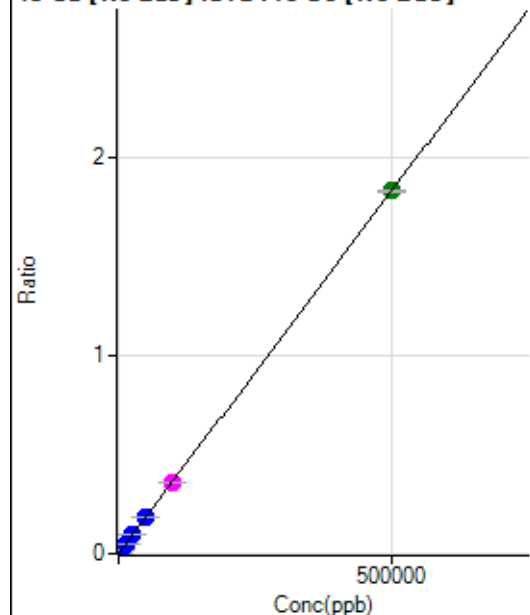
$$R = 1.0000$$

$$DL = 4.396$$

$$BEC = 211.7$$

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	221.11	0.0001	P	6.1
2	☐	500.000	474.983	7394.10	0.0018	P	2.9
3	☐	5000.000	5205.597	76006.22	0.0191	P	0.6
4	☐	12500.000	13070.955	181216.19	0.0479	P	1.8
5	☐	25000.000	25702.117	348454.97	0.0942	P	1.5
6	☐	50000.000	50586.948	653864.17	0.1853	P	1.9
7	☐	100000.00	98216.386	1184842.46	0.3596	M	1.4
8	☐	500000.00	500246.61	6920566.98	1.8315	A	0.2

$$y = 3.6611\text{E-}006 * x + 5.4113\text{E-}005$$

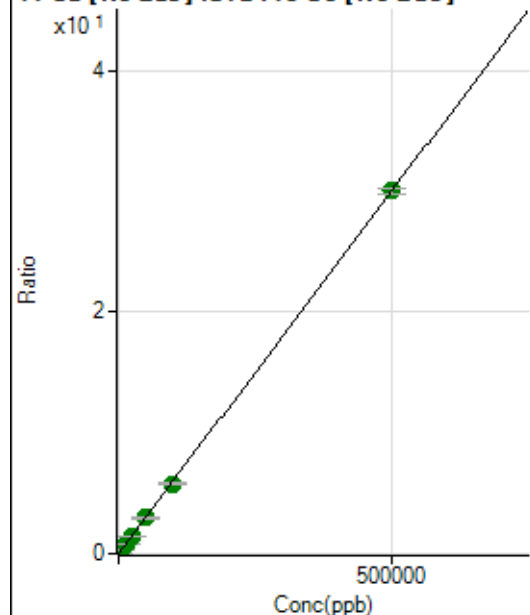
$$R = 1.0000$$

$$DL = 2.711$$

$$BEC = 14.78$$

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	14446.24	0.0035	P	1.6
2	☐	500.000	473.204	131658.11	0.0319	P	0.7
3	☐	5000.000	4958.877	1197094.90	0.3010	A	1.5
4	☐	12500.000	12257.910	2794688.08	0.7389	A	1.6
5	☐	25000.000	24513.414	5455471.38	1.4740	A	0.9
6	☐	50000.000	49207.494	10430940.40	2.9554	A	2.5
7	☐	100000.00	96812.712	19145734.58	5.8111	A	1.8
8	☐	500000.00	500747.52	113516401.6	30.0421	A	1.3

$$y = 5.9987\text{E-}005 * x + 0.0035$$

$$R = 1.0000$$

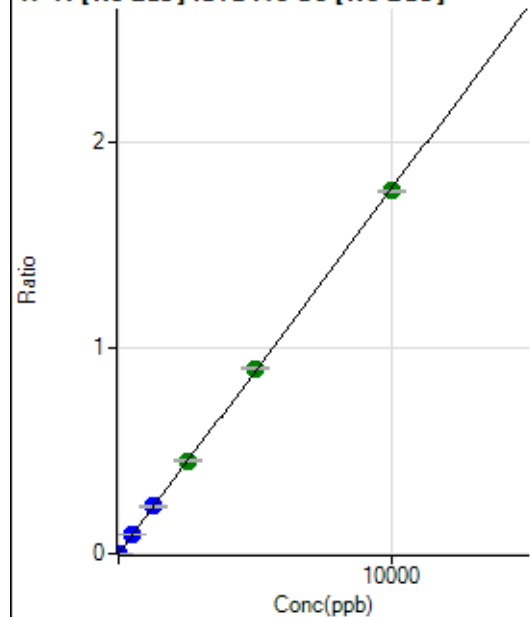
$$DL = 2.839$$

$$BEC = 58.97$$

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	61.11	0.0000	P	32.4
2	☐	5.000	4.896	3639.36	0.0009	P	0.8
3	☐	500.000	514.437	362532.81	0.0912	P	0.6
4	☐	1250.000	1294.424	867562.06	0.2294	P	1.6
5	☐	2500.000	2546.369	1669824.70	0.4512	A	1.5
6	☐	5000.000	5078.523	3175846.93	0.8998	A	0.4
7	☐	10000.000	9942.871	5804209.15	1.7617	A	0.7
8	☐			1608.99	0.0004	P	7.1

$$y = 1.7718\text{E-}004 * x + 1.5014\text{E-}005$$

$$R = 0.9999$$

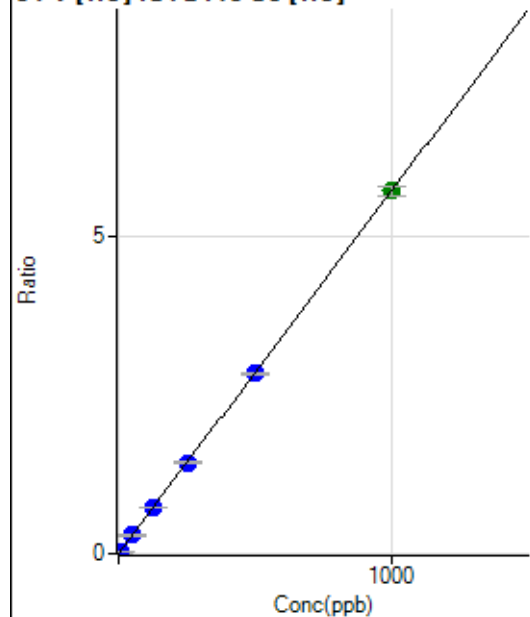
$$DL = 0.08235$$

$$BEC = 0.08474$$

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	7.78	0.0000	P	64.9
2	☐	5.000	4.810	10499.30	0.0275	P	2.2
3	☐	50.000	50.424	104897.81	0.2884	P	0.5
4	☐	125.000	127.151	251445.10	0.7272	P	0.8
5	☐	250.000	251.493	488617.91	1.4383	P	0.8
6	☐	500.000	498.231	930662.25	2.8494	P	1.1
7	☐	1000.000	1000.222	1723999.87	5.7203	A	2.9
8	☐			1899.03	0.0052	P	1.1

$$y = 0.0057 * x + 2.0527\text{E-}005$$

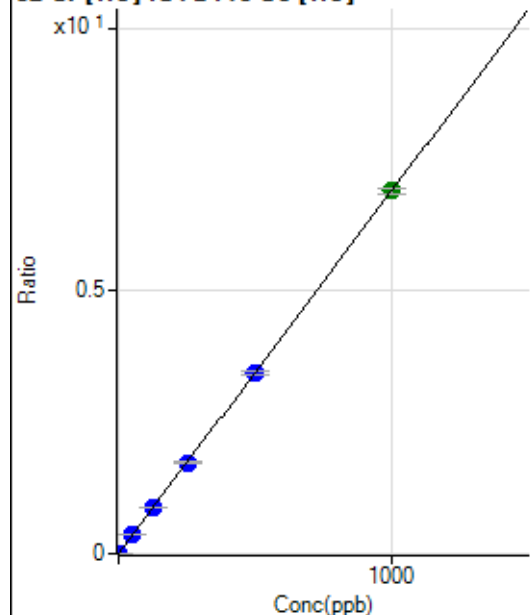
$$R = 1.0000$$

$$DL = 0.006991$$

$$BEC = 0.003589$$

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	680.02	0.0018	P	1.9
2	☐	2.000	1.921	5745.59	0.0151	P	1.4
3	☐	50.000	50.413	127276.56	0.3499	P	0.9
4	☐	125.000	127.471	304955.65	0.8820	P	1.3
5	☐	250.000	251.305	590107.20	1.7371	P	1.4
6	☐	500.000	497.996	1123708.28	3.4405	P	1.4
7	☐	1000.000	1000.346	2082592.47	6.9094	A	1.3
8	☐			44204.67	0.1210	P	0.2

$$y = 0.0069 * x + 0.0018$$

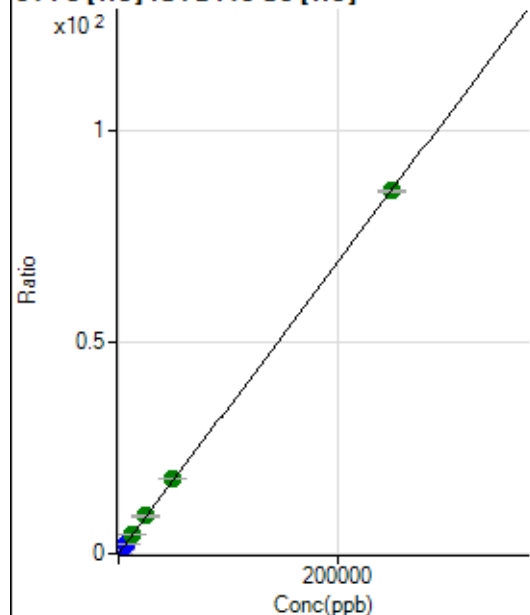
$$R = 1.0000$$

$$DL = 0.015$$

$$BEC = 0.2602$$

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	1340.07	0.0035	P	5.0
2	☐	50.000	50.946	8021.09	0.0210	P	2.5
3	☐	2500.000	2723.560	341359.46	0.9385	P	0.4
4	☐	6250.000	6822.338	810962.32	2.3454	P	0.7
5	☐	12500.000	12897.974	1505415.12	4.4310	A	0.6
6	☐	25000.000	25890.880	2903974.05	8.8911	A	1.5
7	☐	50000.000	51165.425	5294823.71	17.5671	A	0.5
8	☐	250000.00	249641.38	31305579.53	85.6978	A	0.5

$$y = 3.4327E-004 * x + 0.0035$$

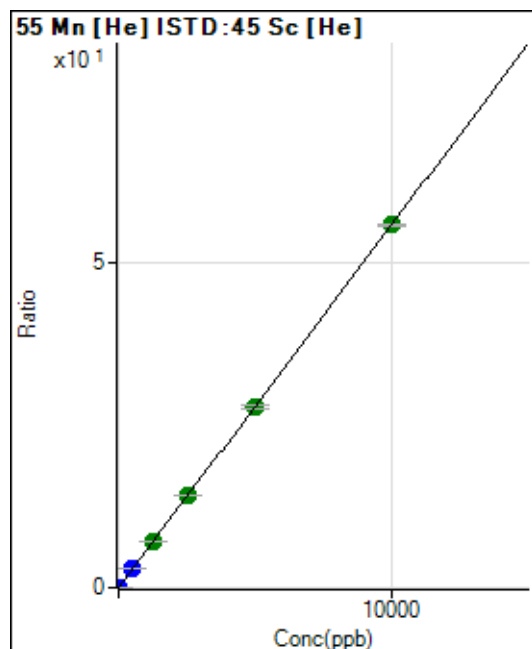
$$R = 1.0000$$

$$DL = 1.537$$

$$BEC = 10.32$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.56	0.0005	P	14.6
2	☐	1.000	0.892	2080.69	0.0055	P	7.6
3	☐	500.000	508.609	1034303.83	2.8436	P	0.5
4	☐	1250.000	1274.286	2463025.70	7.1237	A	1.6
5	☐	2500.000	2525.489	4796302.39	14.1179	A	0.1
6	☐	5000.000	4977.484	9087877.53	27.8245	A	1.5
7	☐	10000.000	10001.420	16850984.24	55.9082	A	0.6
8	☐			14927.34	0.0409	P	0.7

$$y = 0.0056 * x + 4.6889E-004$$

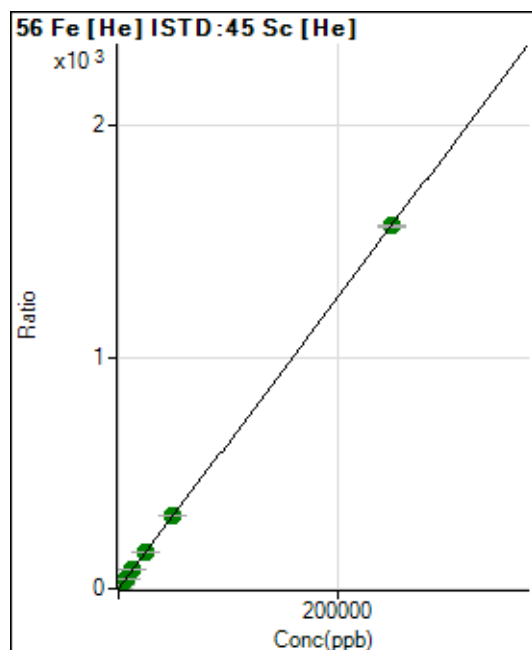
$$R = 1.0000$$

$$DL = 0.0367$$

$$BEC = 0.08388$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12276.22	0.0324	P	3.4
2	☐	50.000	49.573	130870.57	0.3431	P	0.4
3	☐	2500.000	2548.770	5822401.44	16.0068	A	0.7
4	☐	6250.000	6472.535	14037719.65	40.5990	A	0.5
5	☐	12500.000	12766.297	27190768.49	80.0450	A	2.4
6	☐	25000.000	25543.882	52306090.33	160.1284	A	0.1
7	☐	50000.000	50385.270	95181837.47	315.8215	A	1.8
8	☐	250000.00	249849.19	572052769.2	1565.959	A	0.2

$$y = 0.0063 * x + 0.0324$$

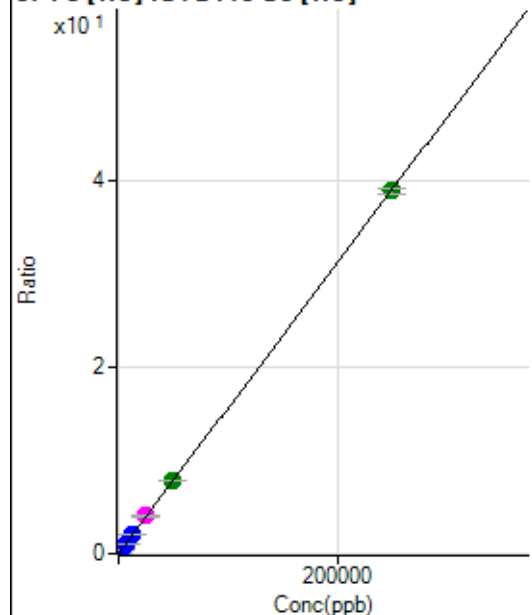
$$R = 1.0000$$

$$DL = 0.528$$

$$BEC = 5.176$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1138.94	0.0030	P	4.8
2	☐	50.000	50.762	4168.40	0.0109	P	2.1
3	☐	2500.000	2664.731	152301.52	0.4187	P	1.1
4	☐	6250.000	6868.627	371542.51	1.0745	P	0.4
5	☐	12500.000	13427.705	712654.64	2.0978	P	1.0
6	☐	25000.000	25960.851	1323623.76	4.0530	M	2.5
7	☐	50000.000	50536.797	2377097.10	7.8870	A	1.3
8	☐	250000.00	249733.05	14233606.45	38.9625	A	1.3

$$y = 1.5600\text{E-}004 * x + 0.0030$$

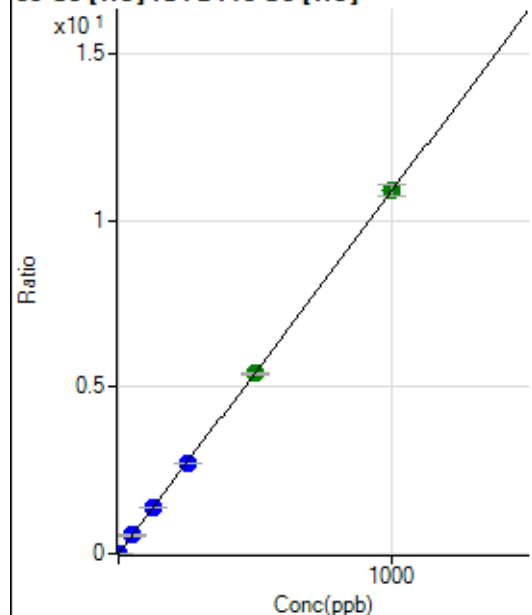
$$R = 1.0000$$

$$DL = 2.753$$

$$BEC = 19.29$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0001	P	26.0
2	☐	1.000	1.012	4246.20	0.0111	P	1.7
3	☐	50.000	50.675	200188.83	0.5504	P	1.3
4	☐	125.000	125.968	472959.71	1.3679	P	0.7
5	☐	250.000	249.772	921366.85	2.7121	P	0.4
6	☐	500.000	496.611	1761284.97	5.3922	A	1.0
7	☐	1000.000	1001.597	3277475.71	10.8752	A	3.3
8	☐			9659.86	0.0264	P	1.6

$$y = 0.0109 * x + 1.4113\text{E-}004$$

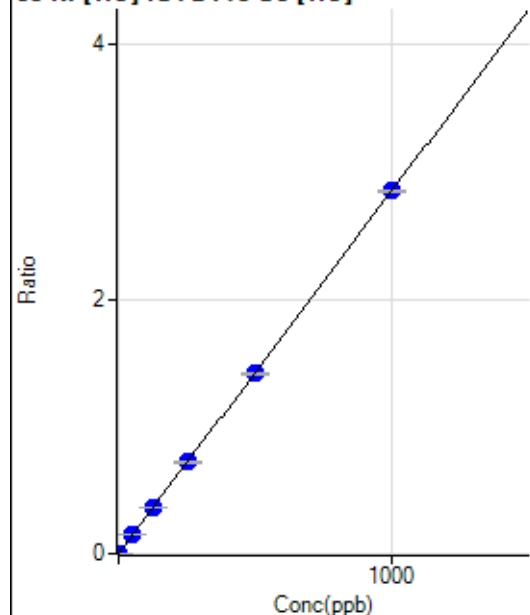
$$R = 1.0000$$

$$DL = 0.01012$$

$$BEC = 0.013$$

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	145.56	0.0004	P	12.6
2	☐	1.000	0.924	1150.05	0.0030	P	6.1
3	☐	50.000	51.570	53533.05	0.1472	P	2.2
4	☐	125.000	127.920	126043.99	0.3645	P	0.3
5	☐	250.000	252.349	244170.19	0.7187	P	0.6
6	☐	500.000	496.249	461501.27	1.4130	P	1.6
7	☐	1000.000	1000.845	858820.94	2.8494	P	0.5
8	☐			12813.35	0.0351	P	0.6

$$y = 0.0028 * x + 3.8462E-004$$

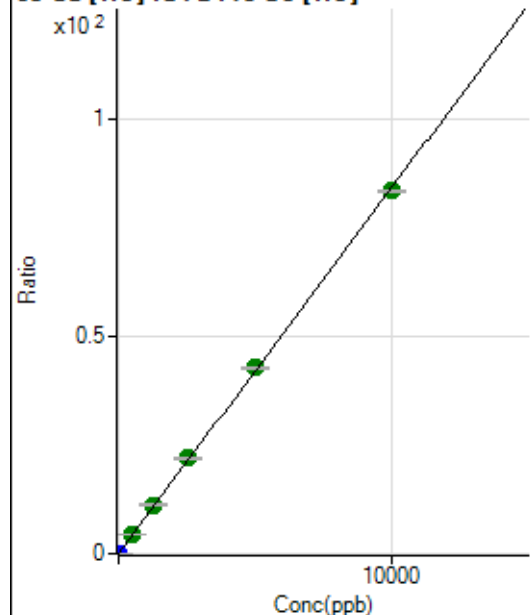
$$R = 1.0000$$

$$DL = 0.05107$$

$$BEC = 0.1351$$

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	926.71	0.0024	P	9.0
2	☐	2.000	1.766	6594.85	0.0173	P	1.2
3	☐	500.000	524.396	1604334.66	4.4108	A	2.3
4	☐	1250.000	1331.131	3869823.87	11.1926	A	1.5
5	☐	2500.000	2604.842	7439461.35	21.9001	A	1.6
6	☐	5000.000	5086.300	13966735.35	42.7604	A	0.7
7	☐	10000.000	9919.278	25132964.07	83.3889	A	0.5
8	☐			8793.76	0.0241	P	1.8

$$y = 0.0084 * x + 0.0024$$

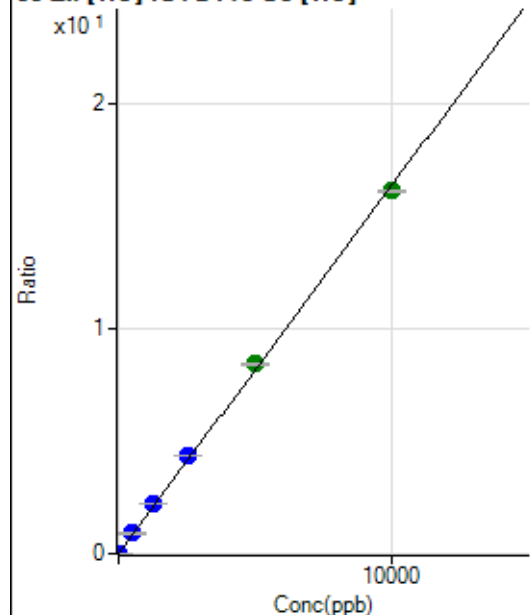
$$R = 0.9999$$

$$DL = 0.07834$$

$$BEC = 0.2914$$

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	592.24	0.0016	P	7.2
2	☐	5.000	5.118	3783.85	0.0099	P	1.6
3	☐	500.000	548.778	326539.16	0.8977	P	0.5
4	☐	1250.000	1374.564	776659.35	2.2462	P	0.6
5	☐	2500.000	2677.759	1486033.24	4.3743	P	0.8
6	☐	5000.000	5150.043	2747398.46	8.4115	A	1.2
7	☐	10000.000	9862.530	4854578.81	16.1070	A	0.7
8	☐			7961.08	0.0218	P	3.0

$$y = 0.0016 * x + 0.0016$$

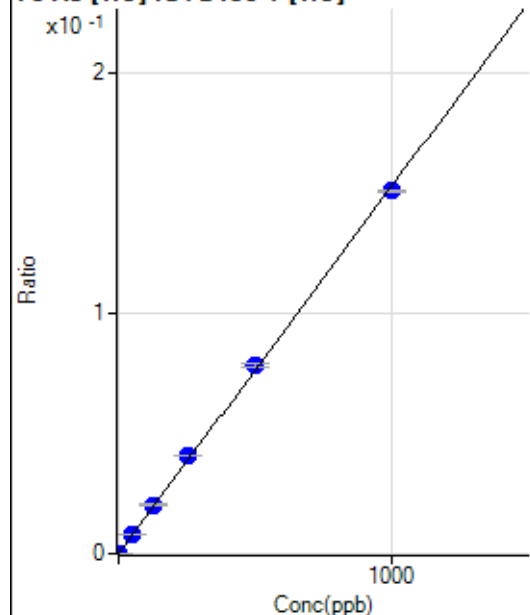
$$R = 0.9996$$

$$DL = 0.2078$$

$$BEC = 0.9579$$

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	16.67	0.0000	P	19.6
2	☐	1.000	1.310	456.68	0.0002	P	14.7
3	☐	50.000	53.386	17619.44	0.0082	P	1.7
4	☐	125.000	132.616	41609.38	0.0202	P	1.4
5	☐	250.000	267.326	81714.55	0.0408	P	1.0
6	☐	500.000	512.917	151459.93	0.0782	P	1.3
7	☐	1000.000	988.088	272797.18	0.1507	P	0.8
8	☐			614.46	0.0003	P	5.3

$$y = 1.5253E-004 * x + 7.3955E-006$$

$$R = 0.9997$$

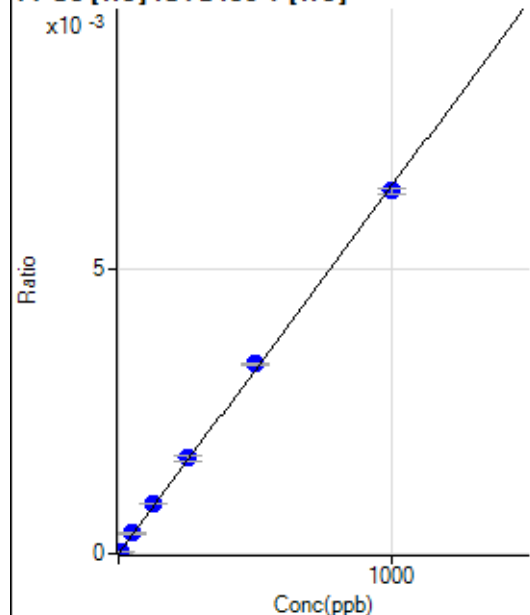
$$DL = 0.02849$$

$$BEC = 0.04849$$

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	3.33	0.0000	P	1.1
2	☐	5.000	5.623	83.34	0.0000	P	27.3
3	☐	50.000	55.758	782.25	0.0004	P	13.0
4	☐	125.000	137.006	1824.58	0.0009	P	1.5
5	☐	250.000	260.213	3374.86	0.0017	P	5.6
6	☐	500.000	516.411	6467.03	0.0033	P	0.7
7	☐	1000.000	987.449	11557.91	0.0064	P	1.3
8	☐			21.11	0.0000	P	19.2

$$y = 6.4656\text{E-}006 * x + 1.4783\text{E-}006$$

$$R = 0.9997$$

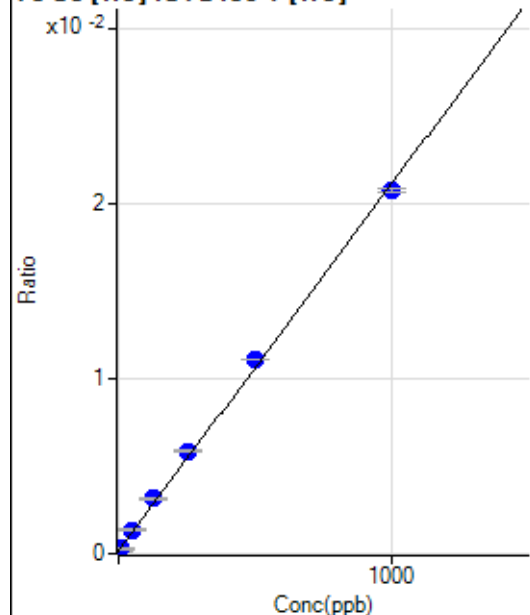
$$DL = 0.007552$$

$$BEC = 0.2286$$

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	360.01	0.0002	P	8.6
2	☐	5.000	6.133	635.58	0.0003	P	17.9
3	☐	50.000	57.031	2929.21	0.0014	P	7.3
4	☐	125.000	143.818	6524.83	0.0032	P	3.9
5	☐	250.000	271.569	11721.40	0.0059	P	2.5
6	☐	500.000	521.126	21448.98	0.0111	P	0.6
7	☐	1000.000	981.335	37508.87	0.0207	P	0.9
8	☐			403.34	0.0002	P	16.3

$$y = 2.0955\text{E-}005 * x + 1.5974\text{E-}004$$

$$R = 0.9993$$

$$DL = 1.968$$

$$BEC = 7.623$$

Weight: <None>

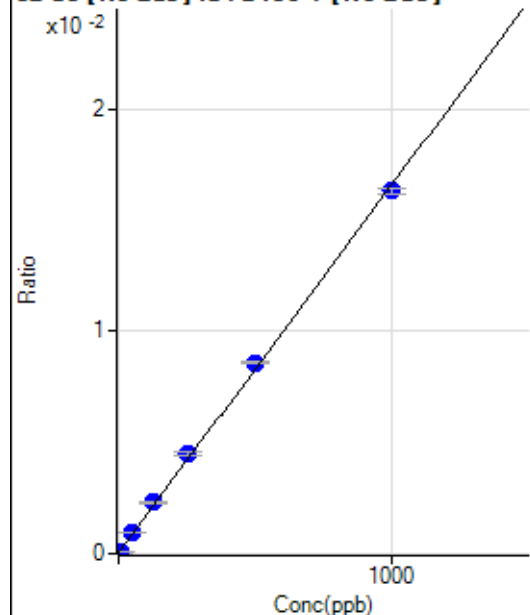
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10124.68		P	3.8
2	☐			10185.84		P	1.7
3	☐			9820.01		P	0.5
4	☐			9201.85		P	1.2
5	☐			9015.07		P	1.9
6	☐			10118.03		P	1.1
7	☐			9318.59		P	2.9
8	☐			9071.77		P	3.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	25.7
2	☐			131.12		P	5.3
3	☐			94.44		P	26.5
4	☐			96.67		P	18.2
5	☐			191.12		P	14.8
6	☐			408.90		P	8.6
7	☐			228.89		P	3.7
8	☐			203.34		P	11.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	317.25	0.0000	P	22.5
2	☐	5.000	4.394	902.03	0.0001	P	4.6
3	☐	50.000	53.774	7219.51	0.0009	P	3.0
4	☐	125.000	136.882	17190.56	0.0023	P	1.6
5	☐	250.000	270.473	32534.17	0.0045	P	2.7
6	☐	500.000	517.054	59784.40	0.0086	P	1.5
7	☐	1000.000	984.684	105237.88	0.0163	P	1.5
8	☐			506.98	0.0001	P	10.2

$$y = 1.6515E-005 * x + 3.9491E-005$$

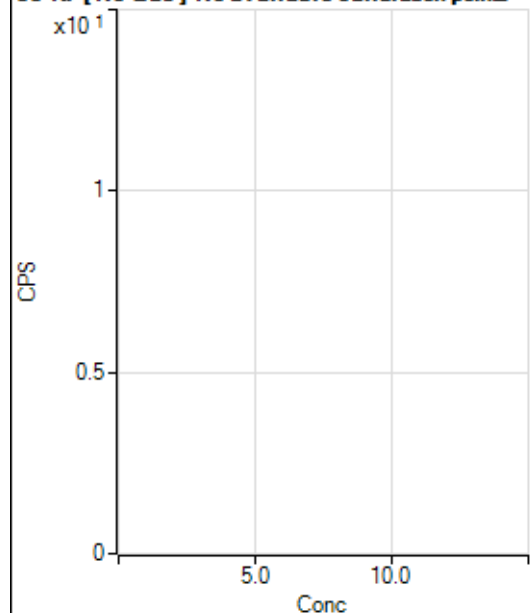
$$R = 0.9995$$

$$DL = 1.611$$

$$BEC = 2.391$$

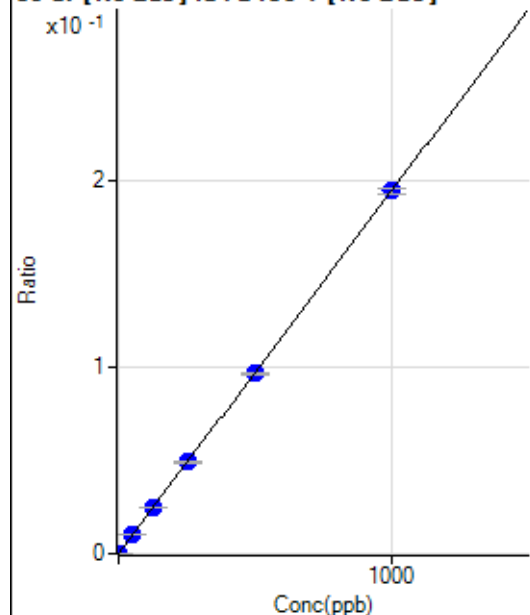
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			370.01		P	6.5
2	☐			417.79		P	3.2
3	☐			343.34		P	14.3
4	☐			351.12		P	3.8
5	☐			393.34		P	17.4
6	☐			357.79		P	7.9
7	☐			352.23		P	11.4
8	☐			358.90		P	2.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	617.79	0.0001	P	4.0
2	☐	1.000	0.970	2136.85	0.0003	P	0.4
3	☐	50.000	50.571	77183.30	0.0099	P	0.8
4	☐	125.000	126.675	184787.02	0.0247	P	1.7
5	☐	250.000	253.558	356765.29	0.0494	P	2.2
6	☐	500.000	497.130	674729.88	0.0968	P	0.8
7	☐	1000.000	1000.307	1257078.47	0.1947	P	1.5
8	☐			20590.06	0.0028	P	2.1

$$y = 1.9459\text{E-}004 * x + 7.6753\text{E-}005$$

$$R = 1.0000$$

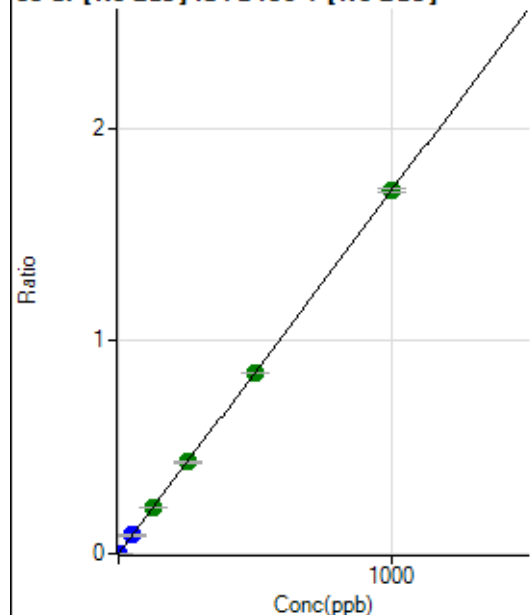
$$DL = 0.04684$$

$$BEC = 0.3944$$

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	125.56	0.0000	P	11.3
2	☐	1.000	0.963	13340.59	0.0017	P	1.4
3	☐	50.000	50.343	667948.85	0.0858	P	0.8
4	☐	125.000	126.877	1615993.34	0.2163	A	3.2
5	☐	250.000	253.515	3119769.68	0.4321	A	1.8
6	☐	500.000	498.664	5924353.87	0.8500	A	0.5
7	☐	1000.000	999.538	10998399.84	1.7037	A	1.1
8	☐			175923.46	0.0236	P	1.7

$$y = 0.0017 * x + 1.5580\text{E-}005$$

$$R = 1.0000$$

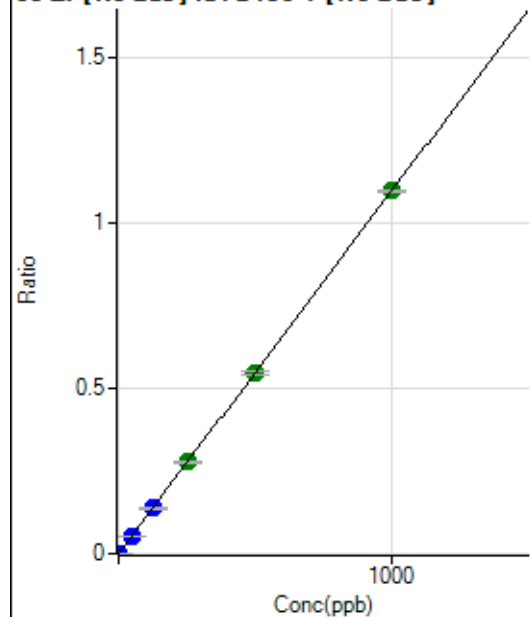
$$DL = 0.003101$$

$$BEC = 0.009141$$

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	333.34	0.0000	P	11.3
2	☐	1.000	0.940	8631.56	0.0011	P	0.6
3	☐	50.000	49.331	421343.08	0.0541	P	1.4
4	☐	125.000	124.944	1024194.28	0.1371	P	2.4
5	☐	250.000	252.192	1996930.49	0.2766	A	1.5
6	☐	500.000	497.638	3803732.41	0.5458	A	1.7
7	☐	1000.000	1000.673	7084246.77	1.0974	A	0.7
8	☐			7872.18	0.0011	P	3.0

$$y = 0.0011 * x + 4.1362E-005$$

$$R = 1.0000$$

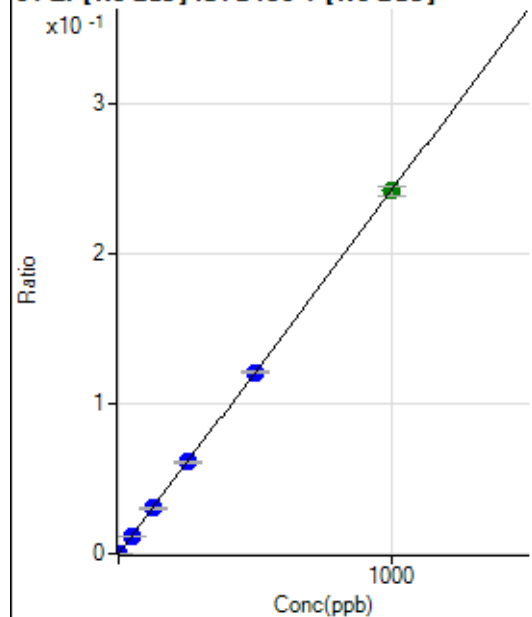
$$DL = 0.01275$$

$$BEC = 0.03772$$

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	74.45	0.0000	P	16.5
2	☐	1.000	0.952	1933.48	0.0002	P	0.8
3	☐	50.000	49.909	94271.81	0.0121	P	0.9
4	☐	125.000	125.429	227376.12	0.0304	P	2.4
5	☐	250.000	252.287	441787.46	0.0612	P	1.4
6	☐	500.000	499.924	845071.18	0.1213	P	0.4
7	☐	1000.000	999.417	1564797.04	0.2424	A	2.5
8	☐			1749.02	0.0002	P	2.4

$$y = 2.4252E-004 * x + 9.2708E-006$$

$$R = 1.0000$$

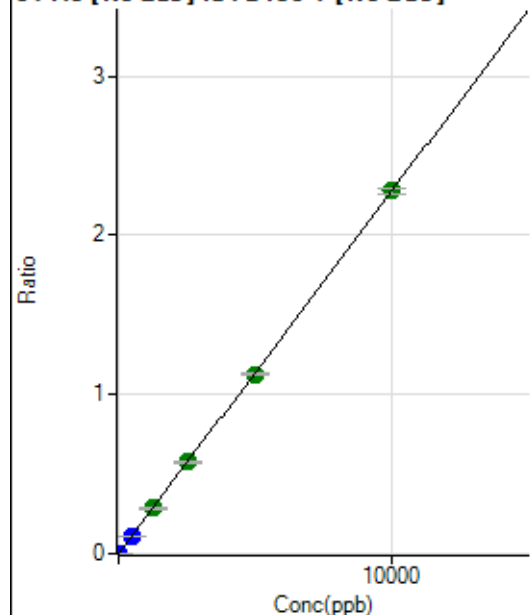
$$DL = 0.0189$$

$$BEC = 0.03823$$

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	166.67	0.0000	P	14.5
2	☐	5.000	5.389	10037.96	0.0012	P	2.7
3	☐	500.000	499.248	884295.95	0.1136	P	0.8
4	☐	1250.000	1260.902	2144458.46	0.2869	A	2.7
5	☐	2500.000	2528.123	4153277.16	0.5753	A	1.0
6	☐	5000.000	4953.797	7857361.41	1.1272	A	1.0
7	☐	10000.000	10014.746	14711493.25	2.2789	A	1.9
8	☐			9785.56	0.0013	P	1.5

$$y = 2.2755\text{E-}004 * x + 2.0692\text{E-}005$$

$$R = 1.0000$$

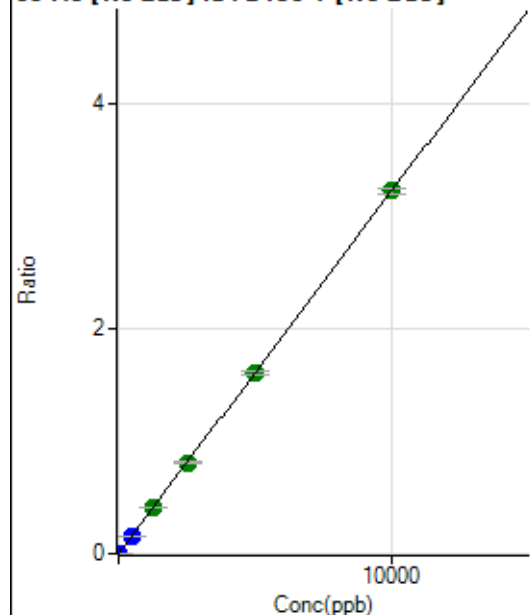
$$DL = 0.03951$$

$$BEC = 0.09093$$

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	101.11	0.0000	P	32.0
2	☐	5.000	4.668	12232.98	0.0015	P	1.4
3	☐	500.000	500.256	1256888.94	0.1615	P	0.6
4	☐	1250.000	1263.429	3047922.59	0.4079	A	2.0
5	☐	2500.000	2506.419	5841483.32	0.8091	A	1.1
6	☐	5000.000	4976.129	11196270.94	1.6063	A	1.9
7	☐	10000.000	10008.639	20856924.83	3.2309	A	1.3
8	☐			11481.27	0.0015	P	1.5

$$y = 3.2281\text{E-}004 * x + 1.2605\text{E-}005$$

$$R = 1.0000$$

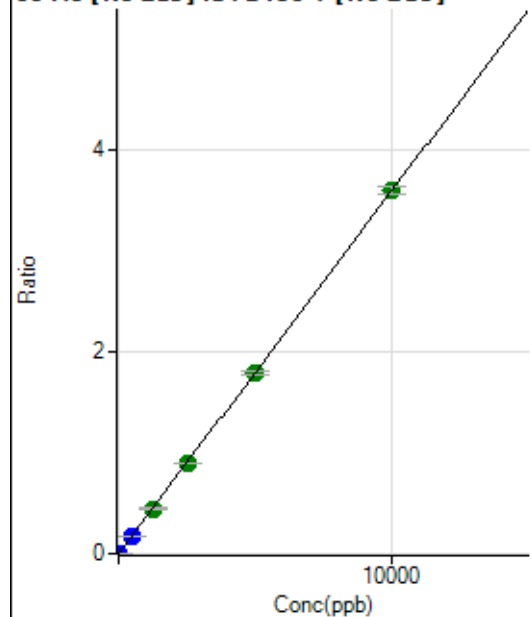
$$DL = 0.03753$$

$$BEC = 0.03905$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	9.3
2	☐	5.000	4.635	13520.78	0.0017	P	1.9
3	☐	500.000	493.705	1378277.43	0.1771	P	1.8
4	☐	1250.000	1237.655	3317346.51	0.4439	A	2.8
5	☐	2500.000	2499.268	6471793.10	0.8964	A	1.0
6	☐	5000.000	4983.349	12456488.98	1.7874	A	1.9
7	☐	10000.000	10010.367	23178727.43	3.5905	A	2.0
8	☐			15777.49	0.0021	P	0.5

$$y = 3.5867E-004 * x + 1.7279E-005$$

$$R = 1.0000$$

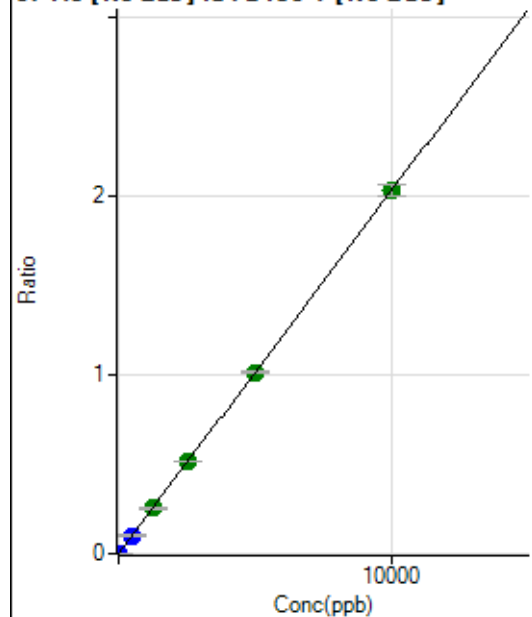
$$DL = 0.01339$$

$$BEC = 0.04817$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	5.7
2	☐	5.000	4.655	7656.52	0.0010	P	1.8
3	☐	500.000	500.411	789590.28	0.1015	P	1.2
4	☐	1250.000	1257.060	1904155.01	0.2548	A	3.4
5	☐	2500.000	2527.519	3699374.11	0.5124	A	0.8
6	☐	5000.000	4995.109	7058199.27	1.0127	A	0.9
7	☐	10000.000	9994.663	13080609.95	2.0262	A	3.3
8	☐			7444.18	0.0010	P	2.9

$$y = 2.0273E-004 * x + 7.3165E-006$$

$$R = 1.0000$$

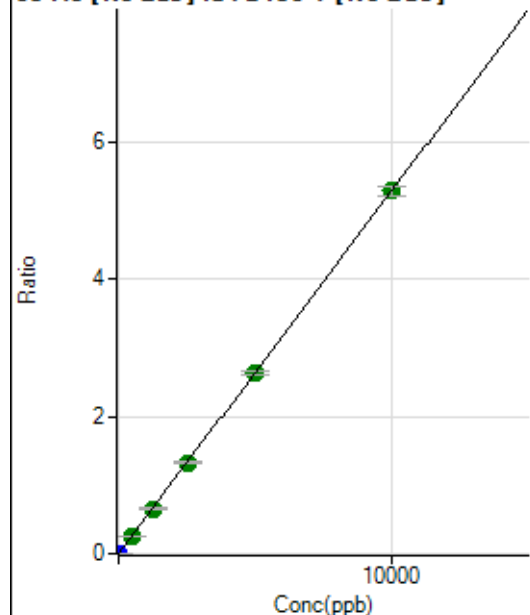
$$DL = 0.00615$$

$$BEC = 0.03609$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	101.11	0.0000	P	15.0
2	☐	5.000	4.593	19675.60	0.0024	P	1.2
3	☐	500.000	494.472	2037061.17	0.2617	A	1.4
4	☐	1250.000	1239.127	4901407.53	0.6559	A	2.3
5	☐	2500.000	2518.692	9625185.48	1.3332	A	0.9
6	☐	5000.000	4984.665	18387394.03	2.6385	A	1.3
7	☐	10000.000	10004.630	34187951.99	5.2957	A	2.5
8	☐			18530.72	0.0025	P	1.1

$$y = 5.2933\text{E-}004 * x + 1.2585\text{E-}005$$

$$R = 1.0000$$

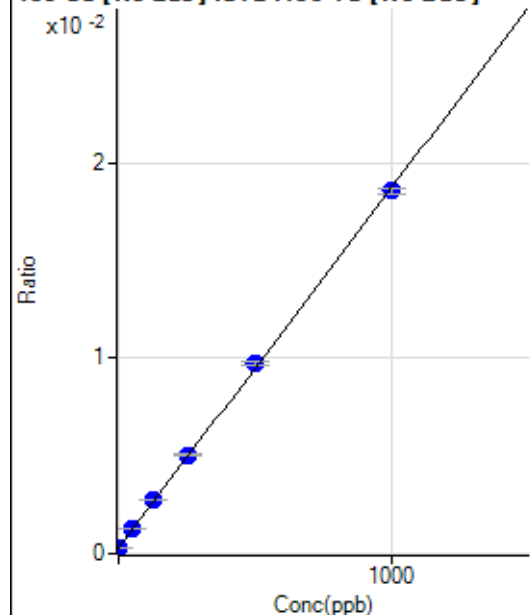
$$DL = 0.01069$$

$$BEC = 0.02378$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2143.51	0.0003	P	5.5
2	☐	1.000	1.046	2340.21	0.0003	P	2.4
3	☐	50.000	53.607	9465.39	0.0013	P	2.0
4	☐	125.000	132.393	19810.30	0.0027	P	1.3
5	☐	250.000	258.084	35574.69	0.0050	P	1.5
6	☐	500.000	511.198	65708.00	0.0097	P	1.6
7	☐	1000.000	991.275	119752.99	0.0186	P	1.6
8	☐			2135.74	0.0003	P	3.2

$$y = 1.8450\text{E-}005 * x + 2.8509\text{E-}004$$

$$R = 0.9999$$

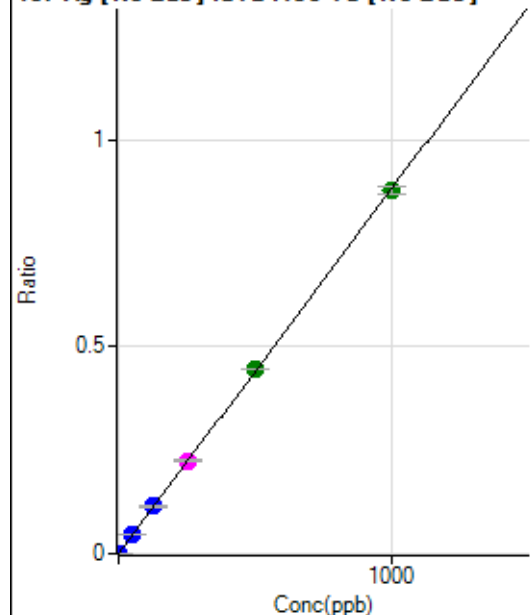
$$DL = 2.565$$

$$BEC = 15.45$$

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	55.56	0.0000	P	47.0
2	☐	1.000	1.034	7064.00	0.0009	P	3.8
3	☐	50.000	52.450	343469.56	0.0462	P	1.9
4	☐	125.000	129.962	831913.65	0.1145	P	1.4
5	☐	250.000	255.646	1588248.64	0.2253	M	2.0
6	☐	500.000	506.220	3017130.55	0.4462	A	0.9
7	☐	1000.000	994.736	5653698.87	0.8767	A	2.1
8	☐			12377.60	0.0017	P	1.6

$$y = 8.8134\text{E-}004 * x + 7.3687\text{E-}006$$

$$R = 0.9999$$

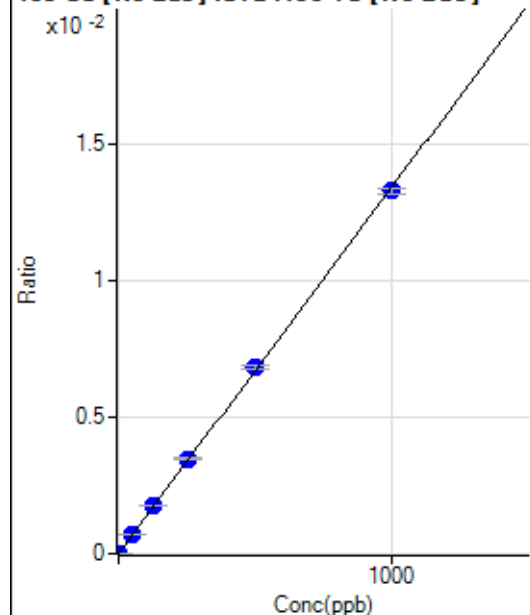
$$DL = 0.0118$$

$$BEC = 0.008361$$

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	17.78	0.0000	P	75.7
2	☐	1.000	0.847	105.56	0.0000	P	11.5
3	☐	50.000	53.970	5401.07	0.0007	P	2.6
4	☐	125.000	131.926	12882.47	0.0018	P	1.2
5	☐	250.000	258.590	24494.07	0.0035	P	2.2
6	☐	500.000	511.793	46490.01	0.0069	P	2.0
7	☐	1000.000	990.892	85818.23	0.0133	P	1.6
8	☐			106.67	0.0000	P	17.9

$$y = 1.3428\text{E-}005 * x + 2.3473\text{E-}006$$

$$R = 0.9998$$

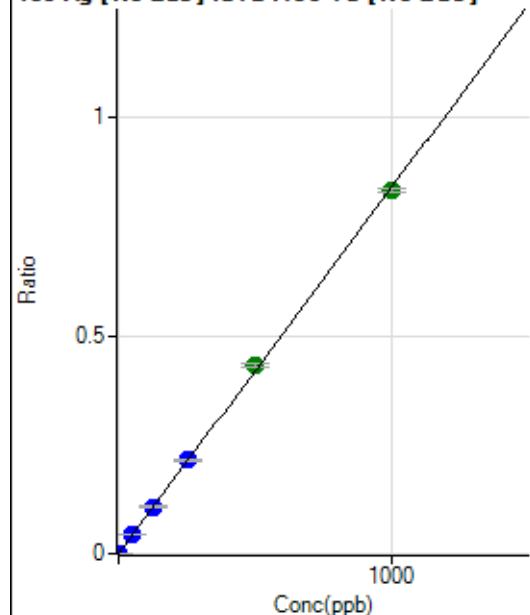
$$DL = 0.3969$$

$$BEC = 0.1748$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0000	P	37.0
2	☐	1.000	1.015	6577.12	0.0009	P	4.1
3	☐	50.000	52.004	324042.98	0.0436	P	2.0
4	☐	125.000	128.606	783373.90	0.1079	P	1.4
5	☐	250.000	255.588	1511052.90	0.2144	P	1.7
6	☐	500.000	513.893	2914585.51	0.4310	A	1.6
7	☐	1000.000	991.105	5358848.84	0.8312	A	0.9
8	☐			11335.63	0.0015	P	2.2

$$y = 8.3867E-004 * x + 3.8412E-006$$

$$R = 0.9998$$

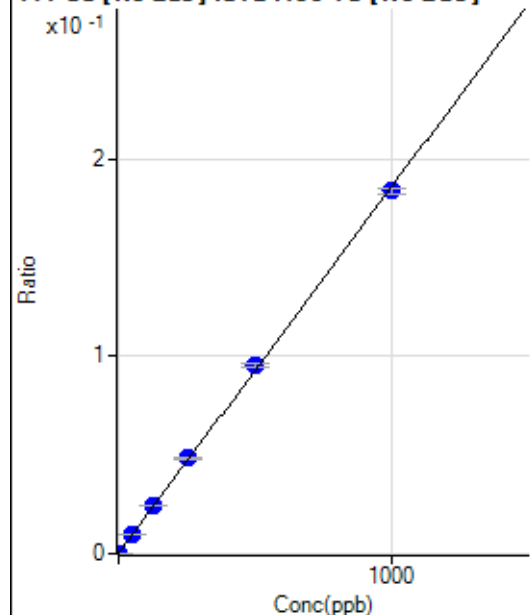
$$DL = 0.005084$$

$$BEC = 0.00458$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1496.91	0.0002	P	6.2
2	☐	1.000	0.956	2894.33	0.0004	P	2.0
3	☐	50.000	53.563	75281.36	0.0101	P	0.5
4	☐	125.000	131.714	178857.51	0.0246	P	1.4
5	☐	250.000	260.367	341779.04	0.0485	P	1.8
6	☐	500.000	513.753	645677.74	0.0955	P	2.1
7	☐	1000.000	989.514	1184422.01	0.1837	P	1.6
8	☐			2322.61	0.0003	P	4.9

$$y = 1.8546E-004 * x + 1.9911E-004$$

$$R = 0.9998$$

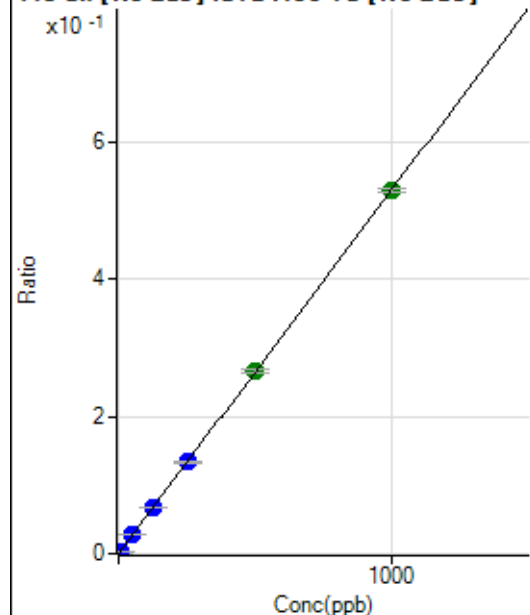
$$DL = 0.1992$$

$$BEC = 1.074$$

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	1330.07	0.0002	P	4.5
2	☐	5.000	4.705	20488.00	0.0027	P	1.7
3	☐	50.000	51.052	201862.08	0.0272	P	1.2
4	☐	125.000	125.658	483850.61	0.0666	P	1.6
5	☐	250.000	251.154	937326.68	0.1330	P	2.6
6	☐	500.000	503.373	1801156.43	0.2663	A	2.5
7	☐	1000.000	997.892	3403377.86	0.5278	A	1.0
8	☐			8829.45	0.0012	P	2.9

$$y = 5.2876\text{E-}004 * x + 1.7678\text{E-}004$$

$$R = 1.0000$$

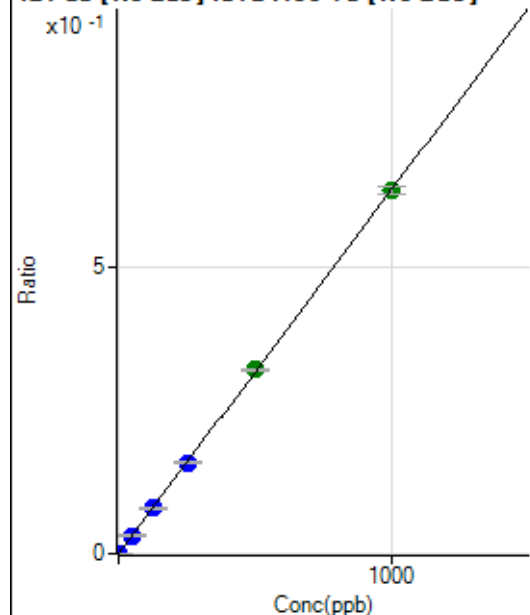
$$DL = 0.04502$$

$$BEC = 0.3343$$

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	14.44	0.0000	P	36.9
2	☐	2.000	1.934	9476.54	0.0012	P	1.0
3	☐	50.000	50.191	237268.64	0.0319	P	1.6
4	☐	125.000	124.620	575915.05	0.0793	P	1.0
5	☐	250.000	250.391	1123021.52	0.1593	P	2.3
6	☐	500.000	505.319	2174330.75	0.3215	A	1.2
7	☐	1000.000	997.281	4091847.82	0.6345	A	2.0
8	☐			14045.84	0.0019	P	0.6

$$y = 6.3628\text{E-}004 * x + 1.9265\text{E-}006$$

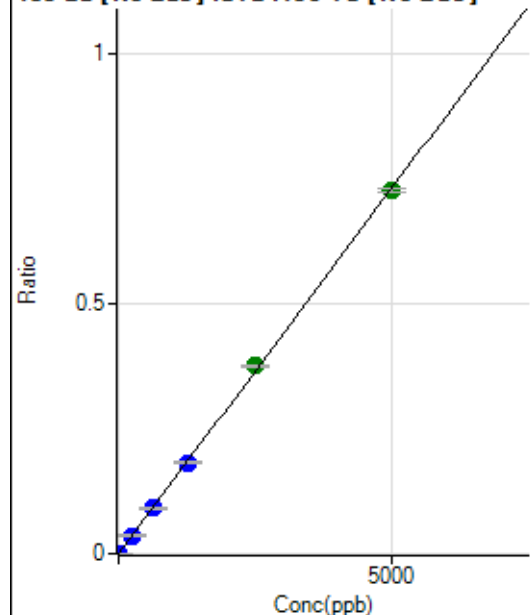
$$R = 1.0000$$

$$DL = 0.003352$$

$$BEC = 0.003028$$

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	22.22	0.0000	P	95.3
2	☐	10.000	9.342	10523.98	0.0014	P	1.0
3	☐	250.000	249.904	271475.84	0.0365	P	1.3
4	☐	625.000	618.887	657231.27	0.0905	P	1.2
5	☐	1250.000	1240.211	1278209.66	0.1813	P	2.0
6	☐	2500.000	2569.899	2541004.02	0.3757	A	1.2
7	☐	5000.000	4968.268	4683536.66	0.7264	A	1.1
8	☐			4788.63	0.0006	P	4.3

$$y = 1.4621\text{E-}004 * x + 2.9252\text{E-}006$$

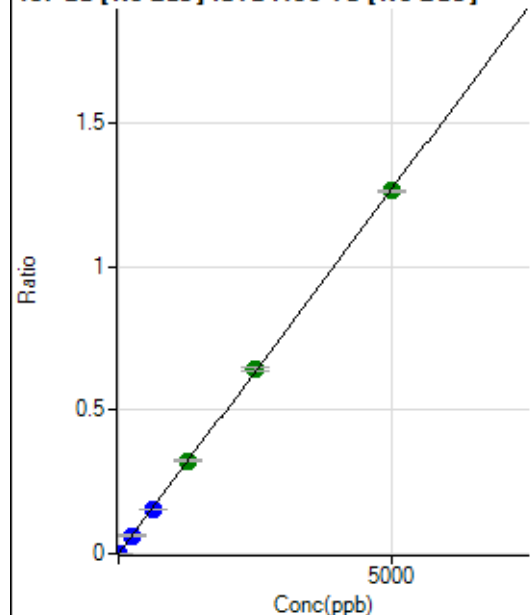
$$R = 0.9999$$

$$DL = 0.05721$$

$$BEC = 0.02001$$

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	23.33	0.0000	P	28.9
2	☐	10.000	9.287	18156.17	0.0024	P	2.1
3	☐	250.000	249.938	471554.83	0.0635	P	1.4
4	☐	625.000	617.949	1139681.06	0.1569	P	0.8
5	☐	1250.000	1272.785	2278252.50	0.3232	A	2.2
6	☐	2500.000	2528.802	4342551.36	0.6421	A	1.9
7	☐	5000.000	4980.788	8155488.28	1.2648	A	0.9
8	☐			8638.26	0.0012	P	0.4

$$y = 2.5393\text{E-}004 * x + 3.1057\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01061$$

$$BEC = 0.01223$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	43.4
3	☐			10.00		P	33.3
4	☐			26.67		P	0.0
5	☐			31.11		P	55.0
6	☐			85.56		P	16.2
7	☐			157.78		P	12.0
8	☐			104.45		P	18.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			8.89		P	78.1
4	☐			13.33		P	50.0
5	☐			17.78		P	28.6
6	☐			24.44		P	56.8
7	☐			41.11		P	4.7
8	☐			77.78		P	16.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			7.78		P	137.
3	☐			10.00		P	33.3
4	☐			13.33		P	25.0
5	☐			32.22		P	46.6
6	☐			54.44		P	18.7
7	☐			100.00		P	39.3
8	☐			262.23		P	8.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			16.67		P	60.0
4	☐			42.22		P	24.1
5	☐			75.55		P	14.2
6	☐			137.78		P	19.7
7	☐			330.01		P	1.0
8	☐			266.67		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	7.4
2	☐			44.45		P	24.1
3	☐			56.67		P	11.8
4	☐			56.67		P	21.2
5	☐			56.67		P	21.2
6	☐			67.78		P	20.5
7	☐			112.22		P	32.7
8	☐			283.34		P	11.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			356.67		P	6.1
2	☐			305.56		P	19.7
3	☐			317.78		P	6.8
4	☐			310.01		P	2.1
5	☐			328.90		P	10.5
6	☐			302.23		P	11.0
7	☐			340.01		P	0.0
8	☐			473.35		P	6.7

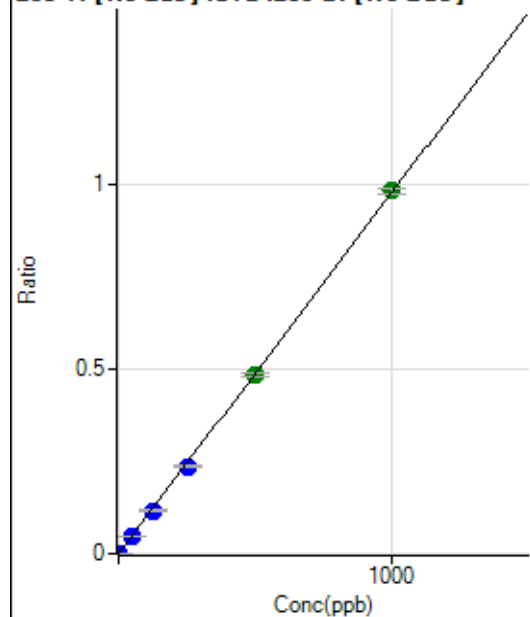
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	19.9
2	☐			35.56		P	14.3
3	☐			43.33		P	23.1
4	☐			43.33		P	15.4
5	☐			60.00		P	5.5
6	☐			93.33		P	7.1
7	☐			146.67		P	11.8
8	☐			527.79		P	6.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.55		P	15.1
2	☐			23.33		P	28.6
3	☐			21.11		P	24.1
4	☐			32.22		P	6.0
5	☐			35.56		P	21.6
6	☐			61.11		P	46.4
7	☐			86.66		P	29.0
8	☐			340.01		P	14.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	53.9
2	☐	1.000	0.953	4751.98	0.0009	P	1.8
3	☐	50.000	48.310	227909.30	0.0472	P	1.1
4	☐	125.000	119.407	546766.26	0.1166	P	4.0
5	☐	250.000	241.467	1084866.94	0.2358	P	1.2
6	☐	500.000	493.967	2203391.17	0.4824	A	2.2
7	☐	1000.000	1005.933	4165370.35	0.9823	A	1.4
8	☐			11067.92	0.0024	P	2.1

$$y = 9.7651\text{E-}004 * x + 8.6935\text{E-}006$$

$$R = 0.9999$$

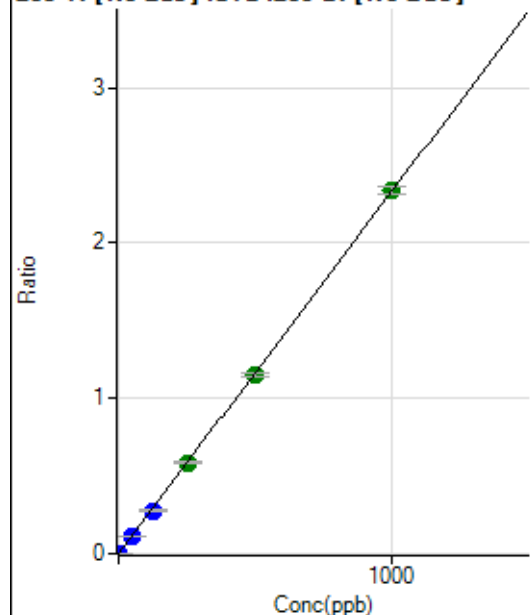
$$DL = 0.01439$$

$$BEC = 0.008903$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	23.1
2	☐	1.000	0.936	11131.31	0.0022	P	1.1
3	☐	50.000	48.073	540671.49	0.1119	P	1.2
4	☐	125.000	118.951	1298601.60	0.2769	P	3.7
5	☐	250.000	251.947	2698291.59	0.5866	A	1.9
6	☐	500.000	494.853	5262149.64	1.1520	A	2.2
7	☐	1000.000	1002.940	9901565.62	2.3349	A	2.0
8	☐			26358.99	0.0057	P	1.7

$$y = 0.0023 * x + 1.9608\text{E-}005$$

$$R = 1.0000$$

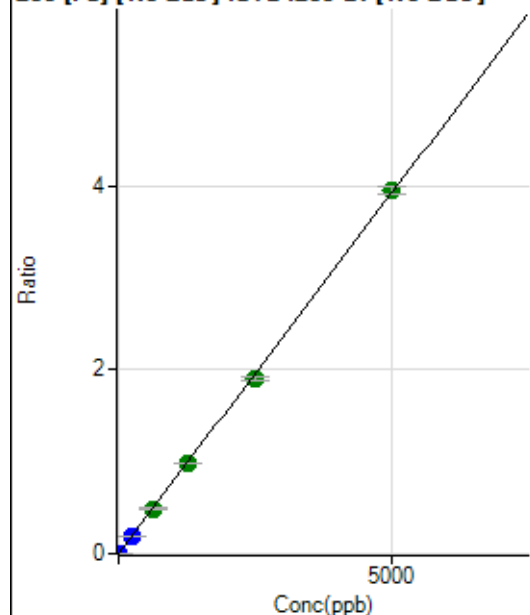
$$DL = 0.005848$$

$$BEC = 0.008423$$

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	155.56	0.0000	P	15.8
2	☐	1.000	0.793	3304.88	0.0007	P	2.0
3	☐	250.000	242.825	920431.26	0.1906	P	0.9
4	☐	625.000	623.264	2293153.87	0.4891	A	4.0
5	☐	1250.000	1259.362	4546024.31	0.9881	A	0.8
6	☐	2500.000	2428.340	8704334.73	1.9053	A	1.2
7	☐	5000.000	5034.065	16750171.83	3.9498	A	2.1
8	☐			20405.46	0.0044	P	1.8

$$y = 7.8461\text{E-}004 * x + 3.1176\text{E-}005$$

$$R = 0.9998$$

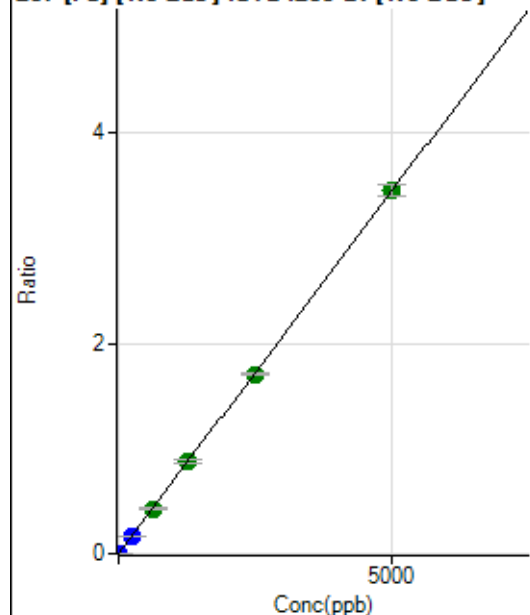
$$DL = 0.0188$$

$$BEC = 0.03973$$

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	142.23	0.0000	P	20.2
2	☐	1.000	0.805	2951.47	0.0006	P	1.3
3	☐	250.000	237.824	791913.92	0.1639	P	0.6
4	☐	625.000	621.608	2009405.06	0.4285	A	3.6
5	☐	1250.000	1268.783	4022874.87	0.8745	A	3.0
6	☐	2500.000	2476.734	7797783.49	1.7071	A	1.6
7	☐	5000.000	5007.970	14636653.12	3.4517	A	3.3
8	☐			17640.44	0.0038	P	2.4

$$y = 6.8924\text{E-}004 * x + 2.8528\text{E-}005$$

$$R = 1.0000$$

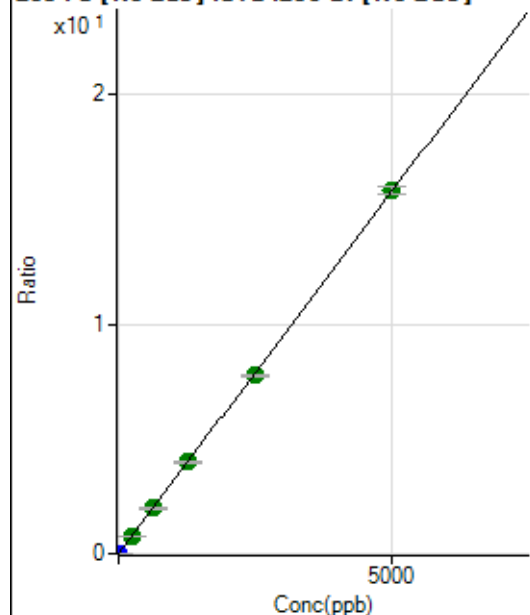
$$DL = 0.02512$$

$$BEC = 0.04139$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	684.46	0.0001	P	11.2
2	☐	1.000	0.790	13280.44	0.0026	P	1.5
3	☐	250.000	247.674	3768262.88	0.7801	A	0.4
4	☐	625.000	627.087	9260897.26	1.9750	A	3.9
5	☐	1250.000	1265.759	18339485.07	3.9863	A	1.6
6	☐	2500.000	2460.101	35394651.69	7.7476	A	1.3
7	☐	5000.000	5015.865	66987655.53	15.7963	A	2.2
8	☐			81957.94	0.0176	P	1.5

$$y = 0.0031 * x + 1.3717E-004$$

$$R = 0.9999$$

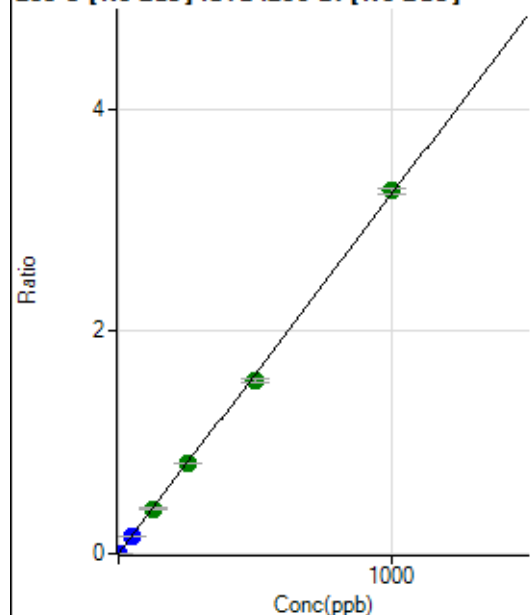
$$DL = 0.01466$$

$$BEC = 0.04356$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	31.2
2	☐	1.000	0.860	14095.34	0.0028	P	2.2
3	☐	50.000	46.396	724874.11	0.1501	P	0.2
4	☐	125.000	124.256	1884186.62	0.4019	A	4.7
5	☐	250.000	250.977	3734871.23	0.8118	A	1.7
6	☐	500.000	481.586	7114099.27	1.5576	A	2.2
7	☐	1000.000	1009.236	13842175.77	3.2642	A	1.5
8	☐			1286.74	0.0003	P	11.9

$$y = 0.0032 * x + 4.4521E-006$$

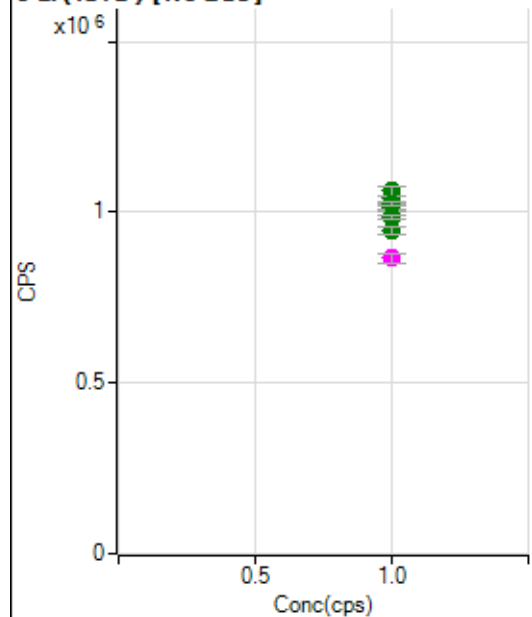
$$R = 0.9998$$

$$DL = 0.001289$$

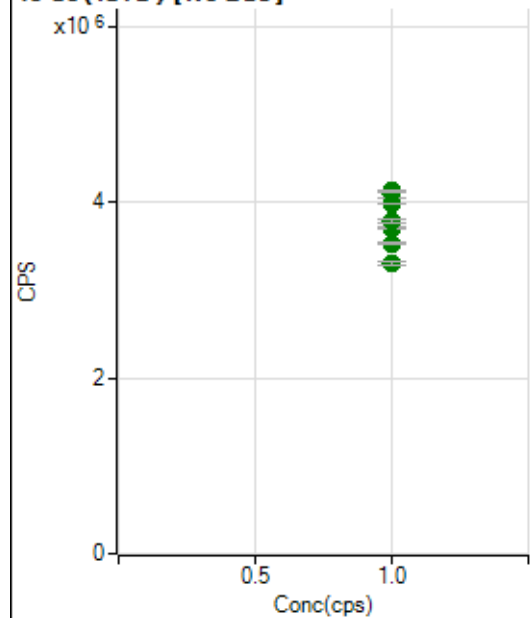
$$BEC = 0.001377$$

Weight: <None>

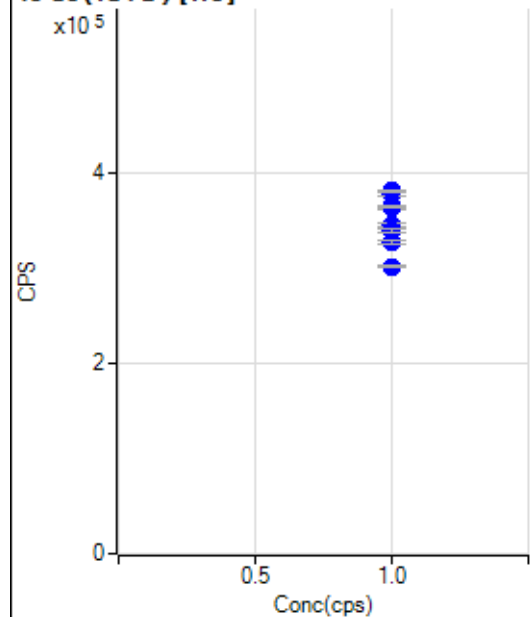
Min Conc: 0

6 Li (ISTD) [No Gas]

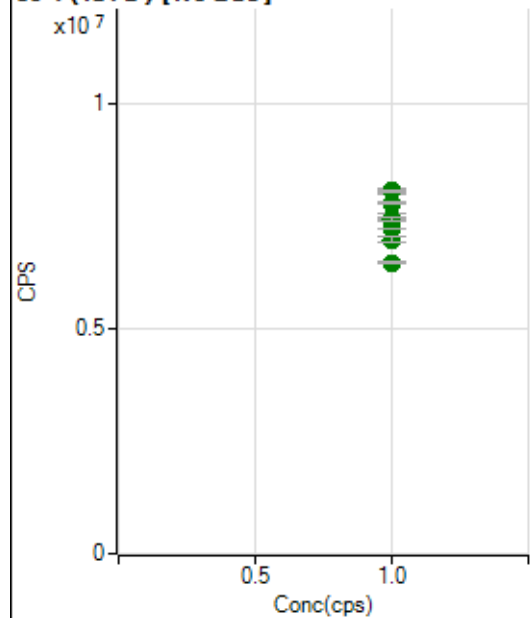
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1039431.25		A	1.5
2	☐	1.000		1061921.78		A	2.6
3	☐	1.000		1014042.10		A	1.9
4	☐	1.000		1020334.90		A	2.1
5	☐	1.000		984801.32		A	1.4
6	☐	1.000		946338.39		A	2.7
7	☐	1.000		865727.09		M	3.1
8	☐	1.000		1026324.55		A	1.0

45 Sc (ISTD) [No Gas]

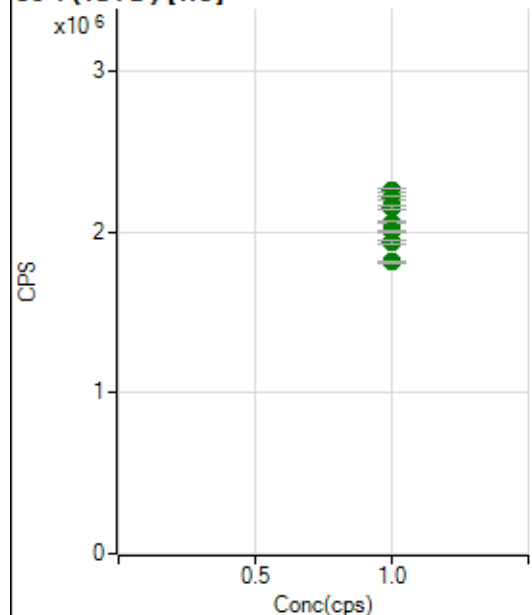
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4084170.08		A	1.8
2	☐	1.000		4124254.73		A	0.7
3	☐	1.000		3976864.91		A	0.3
4	☐	1.000		3782696.19		A	0.8
5	☐	1.000		3701148.73		A	0.5
6	☐	1.000		3529388.49		A	0.9
7	☐	1.000		3294910.85		A	1.2
8	☐	1.000		3778711.54		A	1.2

45 Sc (ISTD) [He]

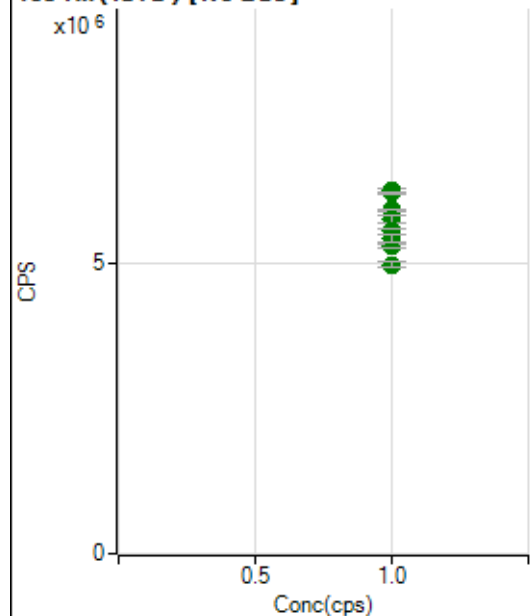
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		378488.40		P	1.1
2	☐	1.000		381394.14		P	0.3
3	☐	1.000		363738.54		P	0.7
4	☐	1.000		345772.44		P	0.7
5	☐	1.000		339731.99		P	0.9
6	☐	1.000		326647.76		P	1.3
7	☐	1.000		301400.48		P	0.6
8	☐	1.000		365301.72		P	0.7

89 Y (ISTD) [No Gas]

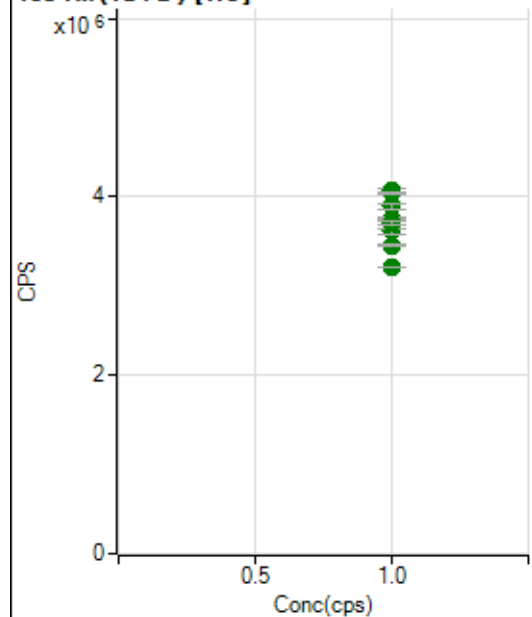
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8047378.91		A	2.0
2	☐	1.000		8050248.14		A	0.5
3	☐	1.000		7782629.05		A	0.4
4	☐	1.000		7474526.62		A	1.7
5	☐	1.000		7219585.10		A	0.2
6	☐	1.000		6969724.55		A	1.7
7	☐	1.000		6455363.65		A	0.4
8	☐	1.000		7441303.23		A	1.0

89 Y(ISTD) [He]

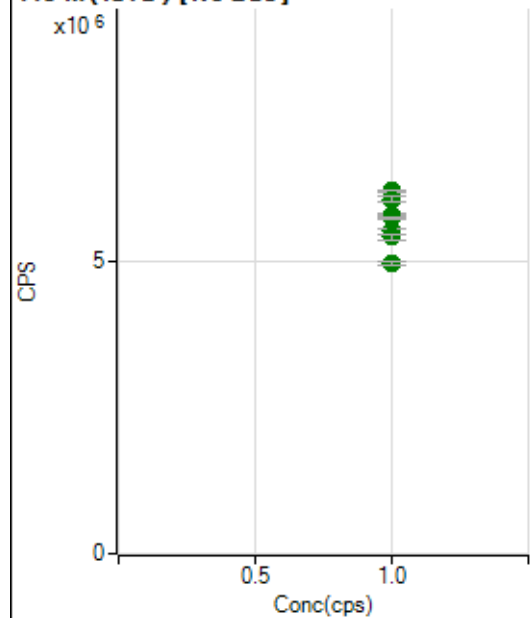
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2252801.17		A	1.1
2	☐	1.000		2206937.55		A	1.4
3	☐	1.000		2161773.27		A	0.4
4	☐	1.000		2056334.26		A	0.5
5	☐	1.000		2003753.39		A	0.8
6	☐	1.000		1935927.02		A	1.1
7	☐	1.000		1809943.01		A	0.4
8	☐	1.000		2149717.73		A	1.4

103 Rh(ISTD) [No Gas]

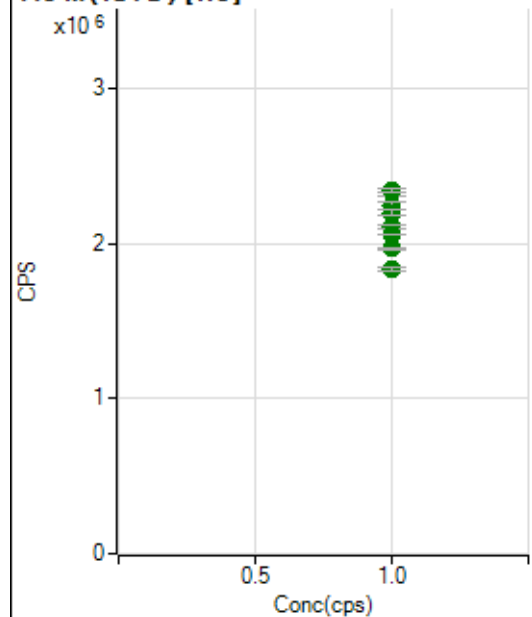
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6259553.03		A	1.1
2	☐	1.000		6233615.60		A	0.6
3	☐	1.000		5934385.54		A	0.7
4	☐	1.000		5765269.36		A	2.0
5	☐	1.000		5558881.72		A	1.5
6	☐	1.000		5311356.73		A	1.2
7	☐	1.000		4990903.26		A	1.8
8	☐	1.000		5428183.11		A	2.4

103 Rh (ISTD) [He]

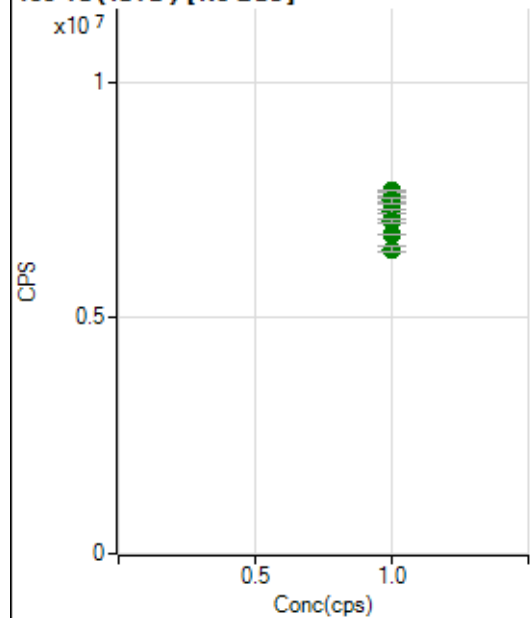
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4068153.24		A	1.0
2	☐	1.000		4044303.76		A	0.6
3	☐	1.000		3896814.67		A	1.4
4	☐	1.000		3759033.73		A	0.4
5	☐	1.000		3613497.97		A	1.9
6	☐	1.000		3458973.32		A	0.6
7	☐	1.000		3215682.59		A	0.1
8	☐	1.000		3712223.63		A	1.4

115 In (ISTD) [No Gas]

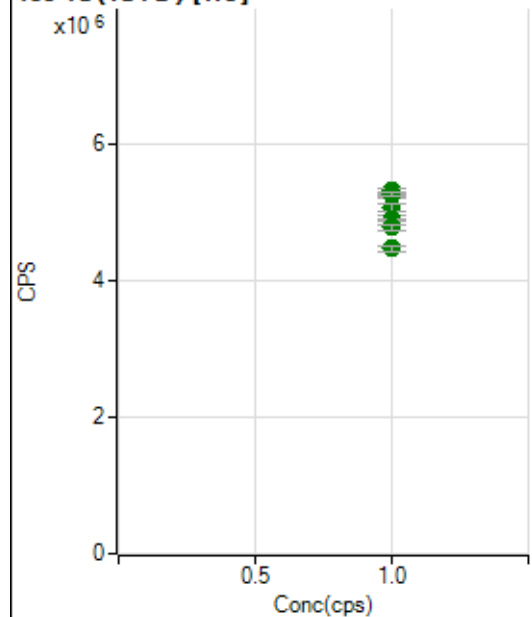
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6193318.57		A	0.4
2	☐	1.000		6214646.21		A	0.7
3	☐	1.000		6076270.75		A	1.8
4	☐	1.000		5811713.94		A	0.9
5	☐	1.000		5528674.24		A	1.8
6	☐	1.000		5419261.23		A	1.3
7	☐	1.000		4976628.88		A	0.9
8	☐	1.000		5750588.35		A	0.7

115 In (ISTD) [He]

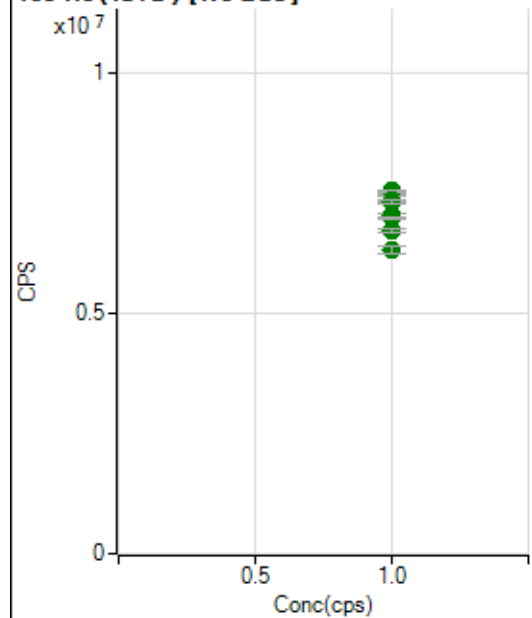
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2333019.67		A	1.9
2	☐	1.000		2341802.42		A	1.2
3	☐	1.000		2242757.91		A	2.1
4	☐	1.000		2111596.02		A	1.0
5	☐	1.000		2060915.96		A	0.3
6	☐	1.000		1968907.85		A	0.5
7	☐	1.000		1832826.77		A	1.3
8	☐	1.000		2202476.90		A	1.8

159 Tb (ISTD) [No Gas]

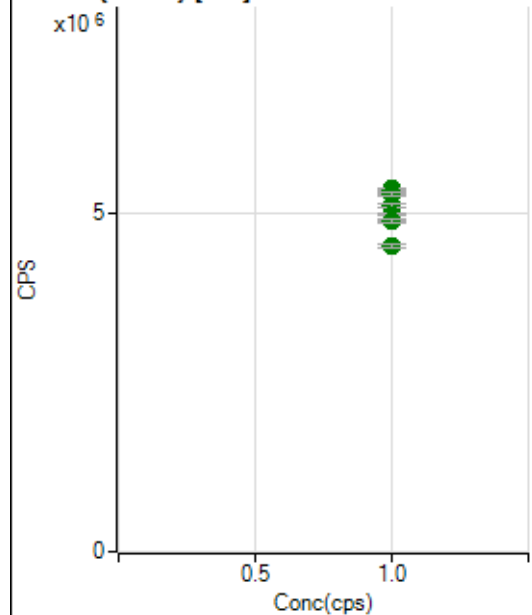
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7523430.58		A	1.8
2	☐	1.000		7688762.04		A	0.4
3	☐	1.000		7429677.04		A	0.7
4	☐	1.000		7262993.57		A	1.0
5	☐	1.000		7049643.02		A	0.8
6	☐	1.000		6762486.36		A	0.2
7	☐	1.000		6447583.58		A	1.7
8	☐	1.000		7482246.28		A	1.3

159 Tb (ISTD) [He]

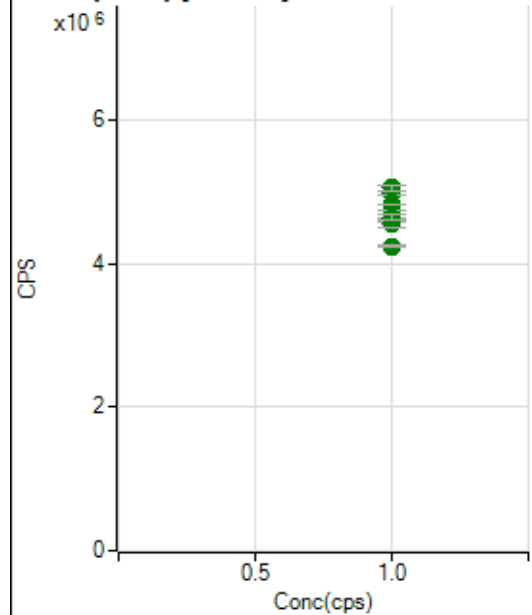
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5310824.02		A	1.4
2	☐	1.000		5257854.09		A	1.6
3	☐	1.000		5071198.19		A	2.4
4	☐	1.000		4909146.39		A	1.5
5	☐	1.000		4885180.76		A	0.9
6	☐	1.000		4779547.57		A	1.8
7	☐	1.000		4469489.20		A	2.0
8	☐	1.000		5263950.41		A	1.1

165 Ho (ISTD) [No Gas]

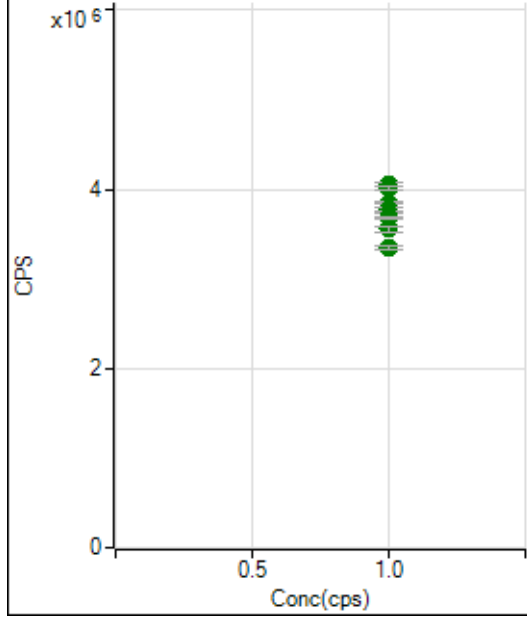
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7488899.40		A	0.4
2	☐	1.000		7533449.68		A	0.8
3	☐	1.000		7366445.17		A	1.2
4	☐	1.000		7028362.74		A	0.9
5	☐	1.000		6978748.09		A	0.6
6	☐	1.000		6709648.44		A	1.4
7	☐	1.000		6312902.89		A	2.5
8	☐	1.000		7316455.58		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5366399.64		A	0.5
2	☐	1.000		5338110.20		A	1.5
3	☐	1.000		5125684.75		A	1.0
4	☐	1.000		4991811.69		A	1.1
5	☐	1.000		4904052.01		A	0.7
6	☐	1.000		4888039.09		A	1.2
7	☐	1.000		4518642.60		A	1.0
8	☐	1.000		5284987.84		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4993402.29		A	1.3
2	☐	1.000		5059785.65		A	1.6
3	☐	1.000		4830381.87		A	0.4
4	☐	1.000		4692342.81		A	2.8
5	☐	1.000		4600874.06		A	1.2
6	☐	1.000		4569163.54		A	2.8
7	☐	1.000		4240431.01		A	0.8
8	☐	1.000		4651641.49		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4049043.87		A	1.2
2	☐	1.000		4007447.68		A	0.9
3	☐	1.000		3850879.00		A	0.5
4	☐	1.000		3778883.35		A	0.9
5	☐	1.000		3736926.37		A	0.6
6	☐	1.000		3558595.26		A	1.9
7	☐	1.000		3346847.07		A	1.2
8	☐	1.000		3681510.99		A	1.1