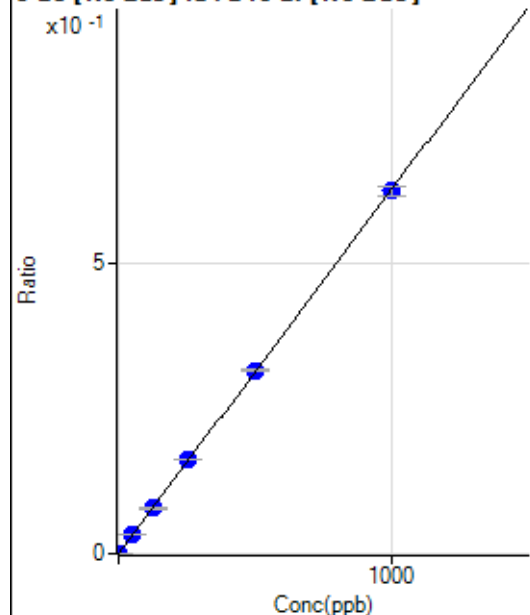


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7092921-MS.b\
Analysis File: P7092921-MS.batch.bin
DA Date-Time: 2021-11-03 16:10:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-09-29 14:59:47
2	005CALS.d	S02	2021-09-29 15:05:39
3	006CALS.d	S03	2021-09-29 15:08:36
4	007CALS.d	S04	2021-09-29 15:11:31
5	008CALS.d	S05	2021-09-29 15:14:23
6	009CALS.d	S06	2021-09-29 15:17:10
7	010CALS.d	S07	2021-09-29 15:19:53
8	011CALS.d	S08	2021-09-29 15:22:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	0.1
2	☐	1.000	0.996	2926.98	0.0006	P	2.8
3	☐	50.000	52.399	149805.38	0.0329	P	0.7
4	☐	125.000	125.259	363710.21	0.0786	P	3.2
5	☐	250.000	257.535	701156.58	0.1616	P	0.6
6	☐	500.000	502.837	1362328.47	0.3155	P	1.1
7	☐	1000.000	996.545	2585316.91	0.6252	P	2.7
8	☐			213.34	0.0001	P	25.6

$$y = 6.2736\text{E-}004 * x + 4.3800\text{E-}006$$

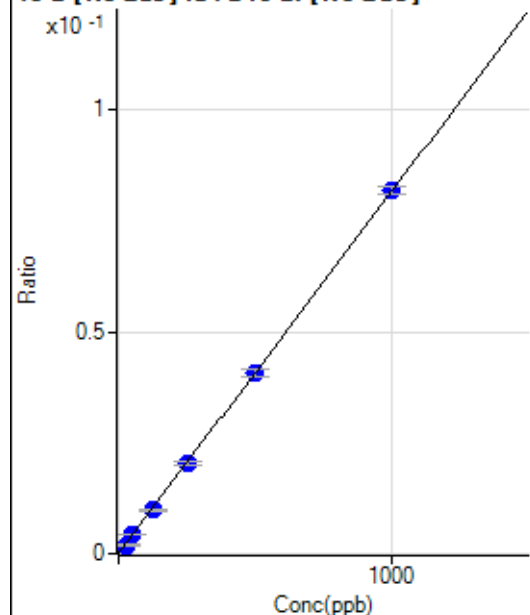
$$R = 1.0000$$

$$DL = 3.02\text{E-}05$$

$$BEC = 0.006982$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	344.46	0.0001	P	24.6
2	☐	25.000	22.716	8975.10	0.0019	P	6.0
3	☐	50.000	50.873	19254.26	0.0042	P	2.5
4	☐	125.000	119.135	45346.42	0.0098	P	1.2
5	☐	250.000	247.996	88111.43	0.0203	P	3.7
6	☐	500.000	498.320	175816.36	0.0407	P	3.6
7	☐	1000.000	1002.088	338363.09	0.0818	P	2.2
8	☐			9783.98	0.0025	P	8.9

$$y = 8.1574\text{E-}005 * x + 7.5453\text{E-}005$$

$$R = 1.0000$$

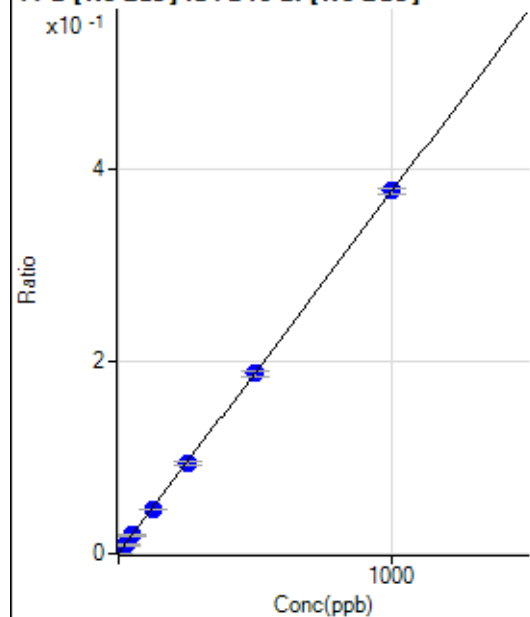
$$DL = 0.6835$$

$$BEC = 0.925$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1425.10	0.0003	P	3.0
2	☐	25.000	23.475	42563.37	0.0091	P	4.2
3	☐	50.000	50.279	87661.67	0.0192	P	3.1
4	☐	125.000	120.335	211102.93	0.0456	P	2.5
5	☐	250.000	248.498	407230.63	0.0938	P	2.9
6	☐	500.000	497.026	809018.46	0.1874	P	3.1
7	☐	1000.000	1002.470	1561999.05	0.3776	P	1.2
8	☐			44120.53	0.0114	P	8.9

$$y = 3.7639E-004 * x + 3.1210E-004$$

$$R = 1.0000$$

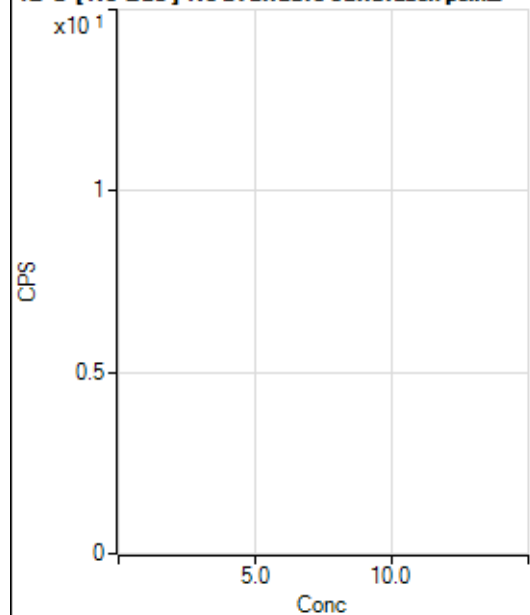
$$DL = 0.07564$$

$$BEC = 0.8292$$

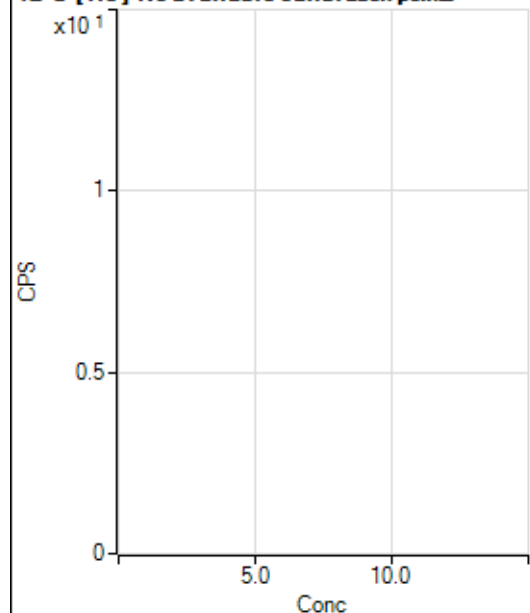
Weight: <None>

Min Conc: 0

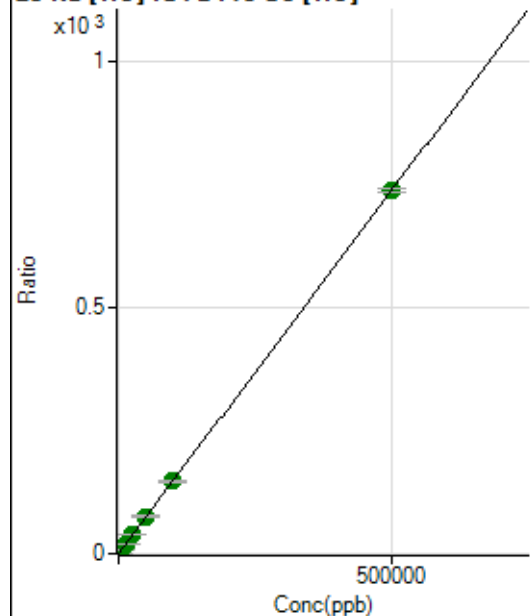
12 C [No Gas] No available calibration points



	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	14920.54	0.0246	P	0.7
2	☐	500.000	500.934	464394.38	0.7625	P	0.8
3	☐	5000.000	5290.897	4712486.21	7.8180	A	0.9
4	☐	12500.000	13268.190	11420510.79	19.5684	A	0.7
5	☐	25000.000	26425.477	22275283.37	38.9489	A	0.8
6	☐	50000.000	51631.257	43823894.96	76.0767	A	1.2
7	☐	100000.00	99806.798	87388300.10	147.0385	A	2.0
8	☐	500000.00	499782.12	434889372.68	736.1963	A	1.0

$$y = 0.0015 * x + 0.0246$$

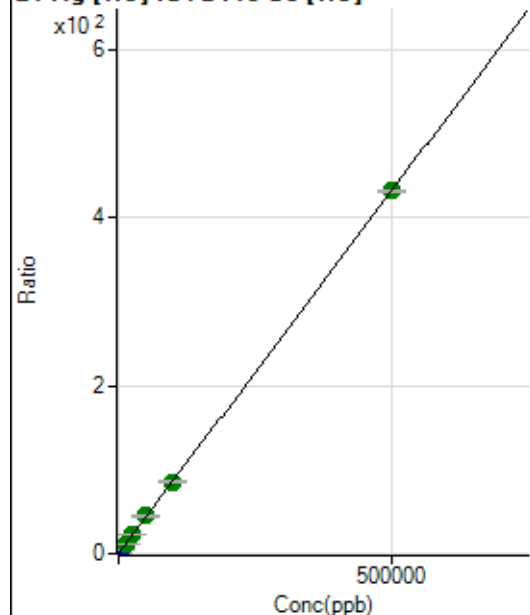
$$R = 1.0000$$

$$DL = 0.337$$

$$BEC = 16.7$$

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	181.49	0.0003	P	16.3
2	☐	500.000	493.698	260095.00	0.4270	P	0.4
3	☐	5000.000	5251.509	2736390.52	4.5395	P	0.3
4	☐	12500.000	13315.606	6717345.87	11.5098	A	1.1
5	☐	25000.000	26360.584	13031021.47	22.7854	A	0.3
6	☐	50000.000	51729.837	25758037.84	44.7137	A	0.9
7	☐	100000.00	98553.369	50629873.35	85.1863	A	2.1
8	☐	500000.00	500025.41	255300216.82	432.2041	A	0.4

$$y = 8.6436\text{E-}004 * x + 2.9906\text{E-}004$$

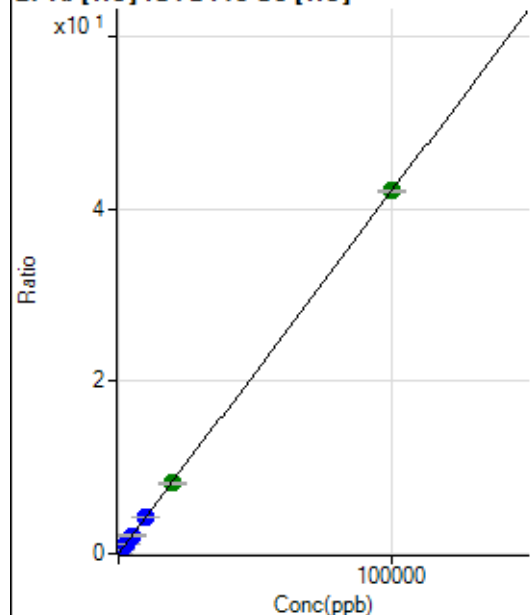
$$R = 1.0000$$

$$DL = 0.1695$$

$$BEC = 0.346$$

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	174.08	0.0003	P	30.6
2	☐	20.000	20.178	5336.21	0.0088	P	4.1
3	☐	1000.000	1024.066	259437.93	0.4304	P	0.7
4	☐	2500.000	2559.846	627659.43	1.0755	P	0.9
5	☐	5000.000	5031.343	1208732.19	2.1135	P	0.6
6	☐	10000.000	9988.016	2416790.91	4.1954	P	1.0
7	☐	20000.000	19446.270	4854157.75	8.1680	A	2.6
8	☐	100000.00	100108.64	24838118.15	42.0474	A	0.8

$$y = 4.2002\text{E-}004 * x + 2.8675\text{E-}004$$

$$R = 1.0000$$

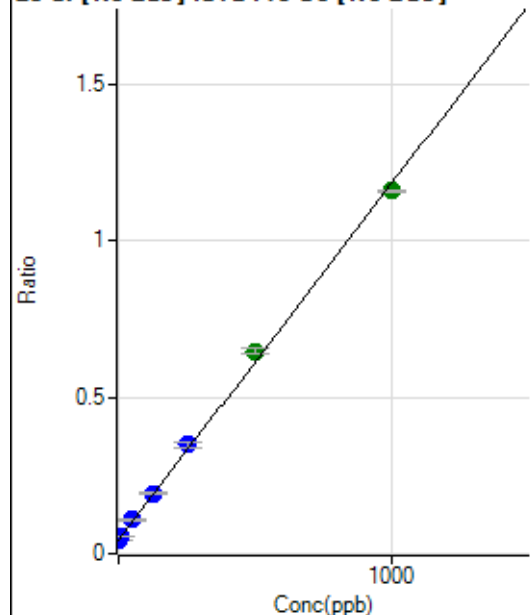
$$DL = 0.6257$$

$$BEC = 0.6827$$

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	343503.38	0.0437	P	0.7
2	☐	10.000	8.892	418866.36	0.0538	P	0.2
3	☐	50.000	56.273	827541.72	0.1078	P	2.3
4	☐	125.000	131.096	1475758.12	0.1930	P	4.3
5	☐	250.000	267.115	2559121.98	0.3478	P	4.1
6	☐	500.000	530.208	4776140.65	0.6473	A	3.2
7	☐	1000.000	979.553	8525746.81	1.1588	A	0.5
8	☐			749336.24	0.0997	P	4.9

$$y = 0.0011 * x + 0.0437$$

$$R = 0.9991$$

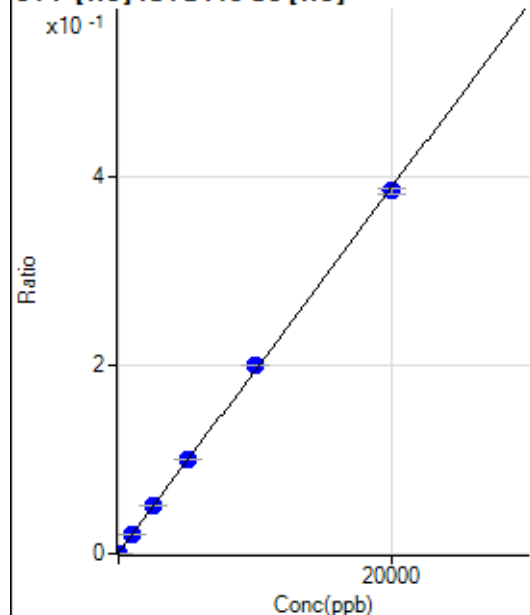
$$DL = 0.8263$$

$$BEC = 38.41$$

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	1.399	536.13	0.0009	P	25.5
2	☐	0.000	-1.399	505.58	0.0008	P	12.2
3	☐	1000.000	1031.705	12547.29	0.0208	P	3.0
4	☐	2500.000	2579.016	29621.60	0.0508	P	2.3
5	☐	5000.000	5139.979	57365.99	0.1003	P	1.1
6	☐	10000.000	10261.778	114872.19	0.1994	P	0.5
7	☐	20000.000	19822.654	228452.65	0.3844	P	1.8
8	☐			630.59	0.0011	P	11.7

$$y = 1.9348E-005 * x + 8.5692E-004$$

$$R = 0.9998$$

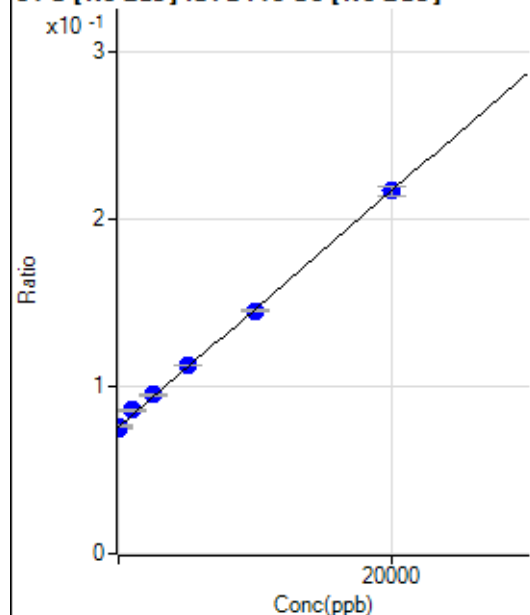
$$DL = 25.35$$

$$BEC = 44.29$$

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	-78.930	590960.48	0.0752	P	0.7
2	☐	0.000	78.930	593801.11	0.0763	P	0.5
3	☐	1000.000	1434.862	659542.15	0.0859	P	0.9
4	☐	2500.000	2724.922	726960.06	0.0950	P	1.2
5	☐	5000.000	5207.458	828312.85	0.1126	P	0.1
6	☐	10000.000	9848.269	1072682.00	0.1454	P	0.4
7	☐	20000.000	19974.143	1595114.56	0.2169	P	2.6
8	☐			486298.67	0.0647	P	2.3

$$y = 7.0654E-006 * x + 0.0758$$

$$R = 0.9997$$

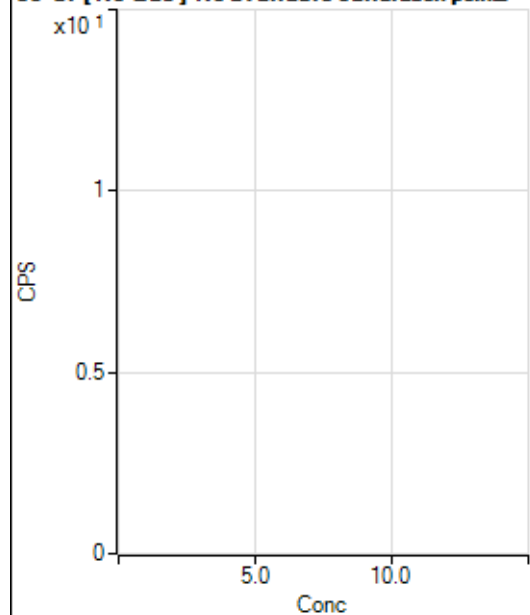
$$DL = 195.3$$

$$BEC = 1.072E+04$$

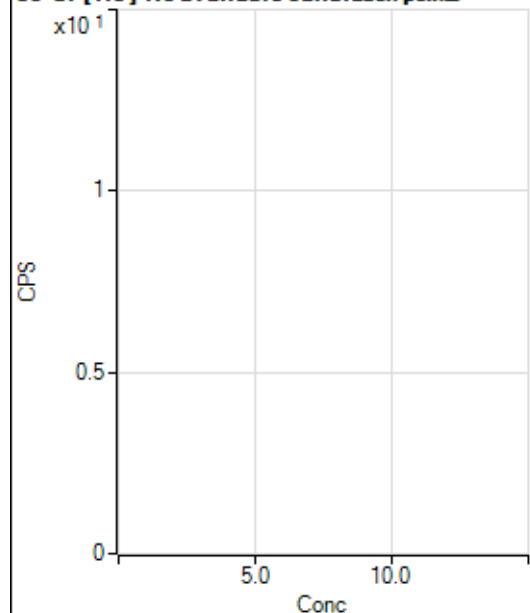
Weight: <None>

Min Conc: 0

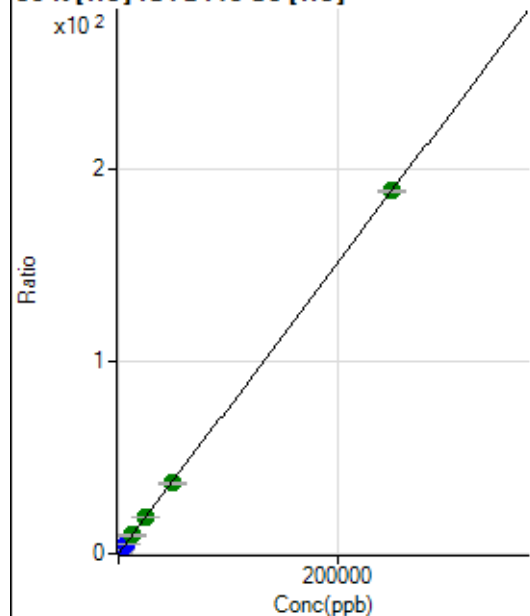
35 Cl [No Gas] No available calibration points



	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	71904.56	0.1186	P	2.7
2	☐	500.000	507.481	305132.74	0.5010	P	0.6
3	☐	2500.000	2699.728	1297747.11	2.1529	P	0.5
4	☐	6250.000	6727.730	3027891.84	5.1881	P	1.0
5	☐	12500.000	12480.280	5446075.43	9.5229	A	1.0
6	☐	25000.000	25057.225	10945452.33	19.0001	A	1.0
7	☐	50000.000	48543.936	21810516.28	36.6982	A	2.1
8	☐	250000.00	250272.52	111471634.44	188.7080	A	0.5

$$y = 7.5354\text{E-}004 * x + 0.1186$$

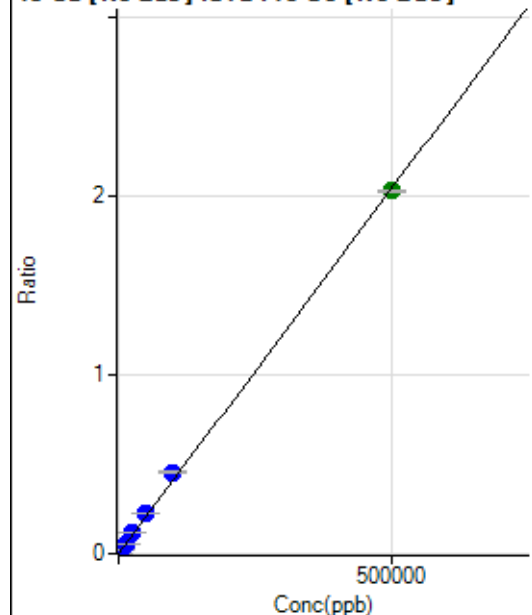
$$R = 1.0000$$

$$DL = 12.86$$

$$BEC = 157.3$$

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	175.01	0.0000	P	20.9
2	☐	500.000	513.467	16484.57	0.0021	P	1.8
3	☐	5000.000	5735.259	179964.36	0.0234	P	0.9
4	☐	12500.000	13943.551	435734.67	0.0570	P	1.6
5	☐	25000.000	28041.871	842778.36	0.1145	P	0.6
6	☐	50000.000	55369.007	1668718.69	0.2261	P	0.2
7	☐	100000.00	110911.30	3330893.91	0.4529	P	2.7
8	☐	500000.00	497085.29	15264067.88	2.0299	A	0.4

$$y = 4.0835E-006 * x + 2.2282E-005$$

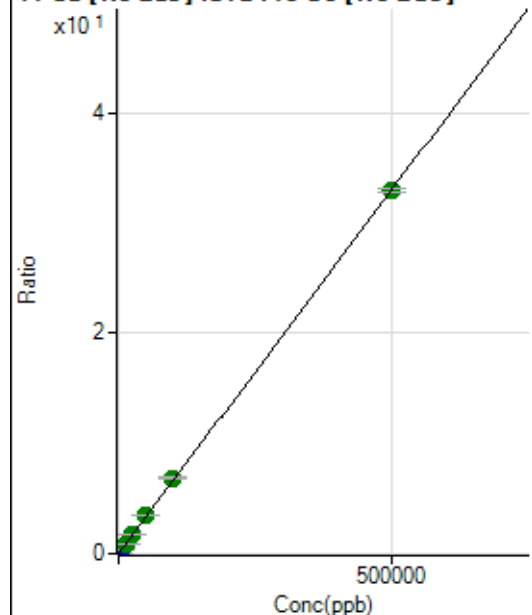
$$R = 0.9997$$

$$DL = 3.429$$

$$BEC = 5.457$$

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	10442.90	0.0013	P	1.5
2	☐	500.000	523.380	278814.99	0.0358	P	0.6
3	☐	5000.000	5624.606	2857372.83	0.3722	P	1.5
4	☐	12500.000	12817.795	6475567.55	0.8465	A	2.0
5	☐	25000.000	25626.992	12444377.28	1.6912	A	0.9
6	☐	50000.000	51876.963	25253931.30	3.4221	A	0.2
7	☐	100000.00	103913.82	50396809.81	6.8534	A	3.1
8	☐	500000.00	498983.97	247418163.86	32.9043	A	1.0

$$y = 6.5940E-005 * x + 0.0013$$

$$R = 1.0000$$

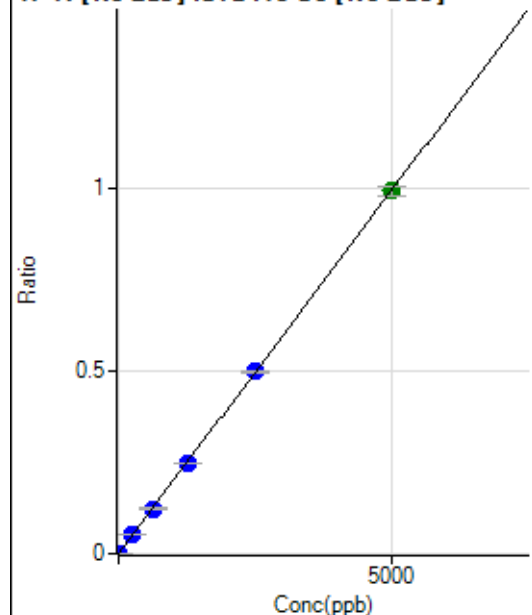
$$DL = 0.9015$$

$$BEC = 20.16$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	49.2
2	☐	5.000	5.032	7866.17	0.0010	P	5.4
3	☐	250.000	259.468	395514.59	0.0515	P	1.0
4	☐	625.000	622.204	944941.30	0.1235	P	1.8
5	☐	1250.000	1255.653	1834295.96	0.2493	P	0.2
6	☐	2500.000	2503.865	3668172.70	0.4971	P	0.5
7	☐	5000.000	4996.530	7294515.87	0.9919	A	2.8
8	☐			980.61	0.0001	P	16.4

$$y = 1.9852E-004 * x + 1.2043E-005$$

$$R = 1.0000$$

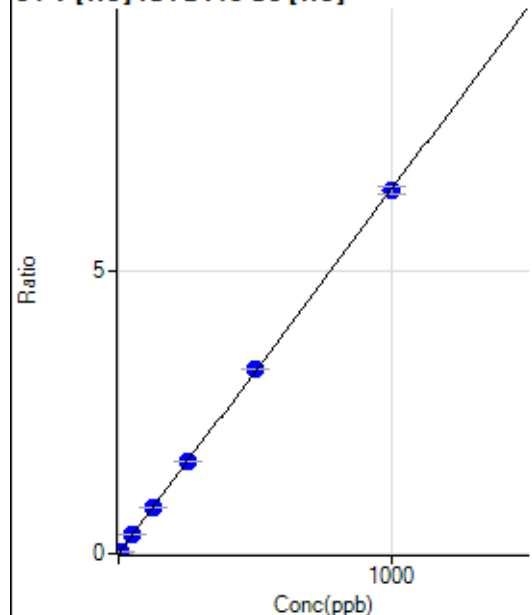
$$DL = 0.0895$$

$$BEC = 0.06066$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	5.000	5.014	19635.39	0.0322	P	0.9
3	☐	50.000	50.924	197282.96	0.3273	P	0.1
4	☐	125.000	127.525	478314.60	0.8196	P	0.9
5	☐	250.000	254.420	935091.25	1.6351	P	0.5
6	☐	500.000	506.001	1873325.72	3.2519	P	0.5
7	☐	1000.000	995.533	3802361.16	6.3979	P	2.1
8	☐			587.79	0.0010	P	14.1

$$y = 0.0064 * x + 1.8359E-005$$

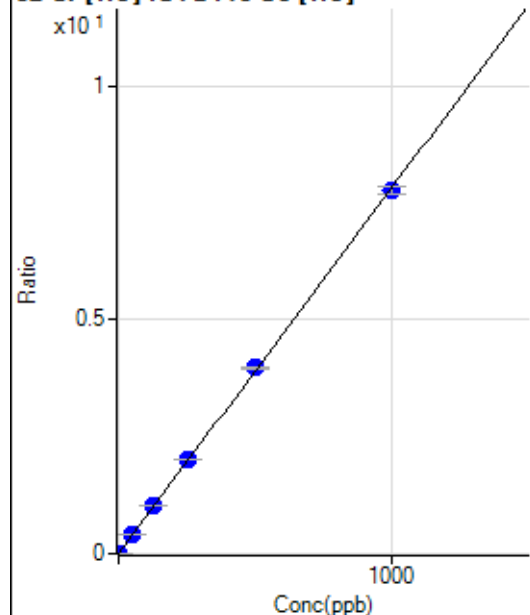
$$R = 1.0000$$

$$DL = 0.007422$$

$$BEC = 0.002857$$

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	1210.06	0.0020	P	1.1
2	☐	2.000	2.045	10947.48	0.0180	P	2.9
3	☐	50.000	51.772	244950.83	0.4064	P	0.2
4	☐	125.000	128.967	589055.80	1.0093	P	0.4
5	☐	250.000	257.410	1150962.00	2.0125	P	0.4
6	☐	500.000	509.545	2293767.64	3.9818	P	1.0
7	☐	1000.000	992.790	4609548.65	7.7563	P	2.3
8	☐			9538.71	0.0162	P	2.9

$$y = 0.0078 * x + 0.0020$$

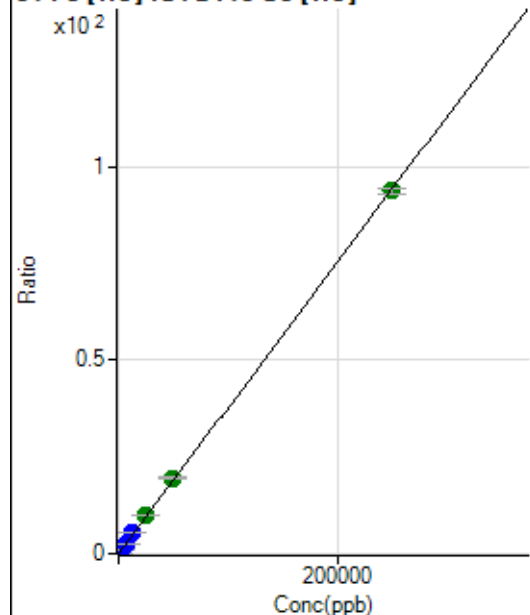
$$R = 0.9999$$

$$DL = 0.008679$$

$$BEC = 0.2554$$

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	1808.65	0.0030	P	6.4
2	☐	50.000	55.657	14555.46	0.0239	P	3.8
3	☐	2500.000	2820.889	640884.54	1.0632	P	0.7
4	☐	6250.000	7005.719	1538475.32	2.6361	P	0.4
5	☐	12500.000	14014.146	3014017.74	5.2702	P	0.7
6	☐	25000.000	26820.902	5808949.11	10.0837	A	1.1
7	☐	50000.000	52010.462	11620249.32	19.5512	A	1.6
8	☐	250000.00	249318.00	55352170.64	93.7096	A	1.5

$$y = 3.7585E-004 * x + 0.0030$$

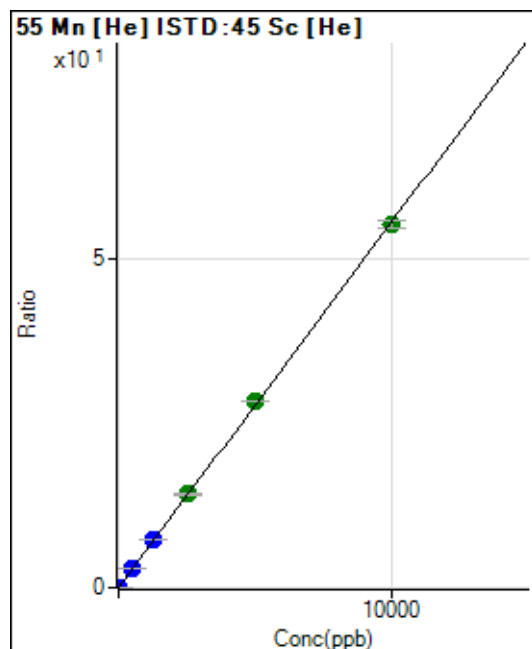
$$R = 0.9999$$

$$DL = 1.515$$

$$BEC = 7.933$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0002	P	16.6
2	☐	1.000	1.031	3613.81	0.0059	P	4.7
3	☐	500.000	520.256	1745646.88	2.8960	P	0.3
4	☐	1250.000	1294.826	4206263.44	7.2072	P	0.7
5	☐	2500.000	2559.406	8147114.05	14.2459	A	1.0
6	☐	5000.000	5098.228	16347353.92	28.3770	A	0.5
7	☐	10000.000	9929.419	32846120.62	55.2675	A	2.1
8	☐			34346.71	0.0581	P	1.1

$$y = 0.0056 * x + 1.9781E-004$$

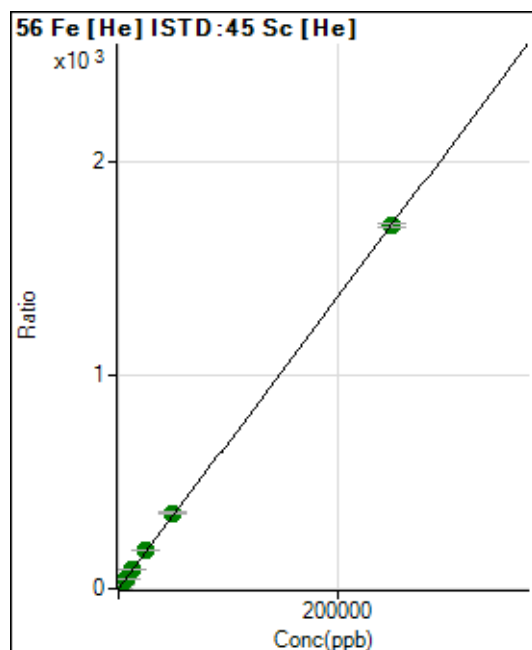
$$R = 0.9999$$

$$DL = 0.01769$$

$$BEC = 0.03554$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7318.58	0.0121	P	1.3
2	☐	50.000	54.223	232444.30	0.3816	P	0.6
3	☐	2500.000	2706.192	11125694.92	18.4565	A	0.9
4	☐	6250.000	6708.284	26690882.54	45.7334	A	1.1
5	☐	12500.000	13419.956	52316242.84	91.4778	A	0.4
6	☐	25000.000	26558.990	104284645.85	181.0289	A	1.0
7	☐	50000.000	51649.851	209214599.12	352.0395	A	2.4
8	☐	250000.00	249454.61	1004277881.7	1,700.207	A	0.9

$$y = 0.0068 * x + 0.0121$$

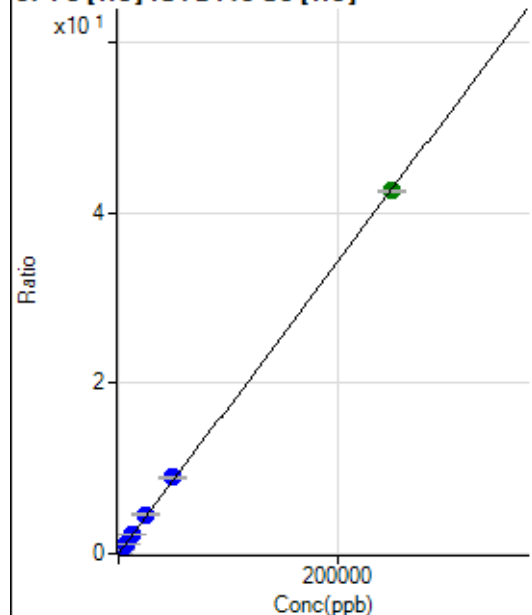
$$R = 1.0000$$

$$DL = 0.06955$$

$$BEC = 1.771$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	285.20	0.0005	P	2.6
2	☐	50.000	54.257	5927.21	0.0097	P	4.0
3	☐	2500.000	2750.089	283188.33	0.4698	P	0.3
4	☐	6250.000	6853.560	682889.26	1.1701	P	0.4
5	☐	12500.000	13606.044	1328223.56	2.3225	P	0.2
6	☐	25000.000	27055.503	2660186.46	4.6177	P	0.3
7	☐	50000.000	52576.940	5332855.85	8.9732	P	2.1
8	☐	250000.00	249206.16	25121558.90	42.5297	A	0.7

$$y = 1.7066\text{E-}004 * x + 4.7028\text{E-}004$$

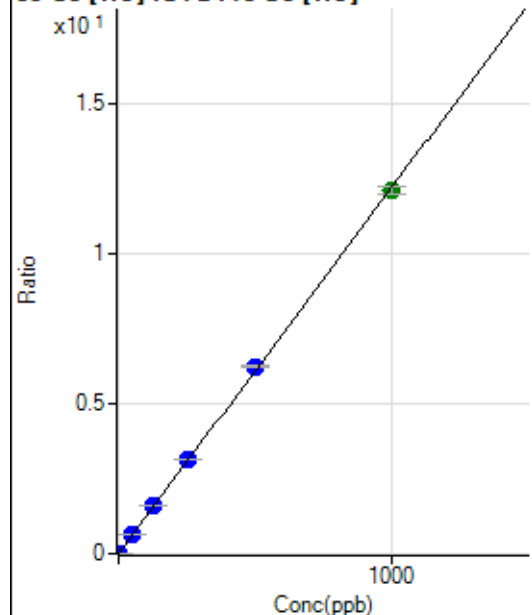
$$R = 0.9999$$

$$DL = 0.2178$$

$$BEC = 2.756$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0002	P	10.7
2	☐	1.000	1.010	7592.02	0.0125	P	1.6
3	☐	50.000	52.227	383556.71	0.6363	P	0.2
4	☐	125.000	129.858	923217.96	1.5819	P	0.6
5	☐	250.000	258.504	1800818.15	3.1488	P	0.4
6	☐	500.000	510.973	3585420.33	6.2240	P	0.9
7	☐	1000.000	991.669	7178934.68	12.0791	A	1.9
8	☐			17965.56	0.0304	P	1.8

$$y = 0.0122 * x + 1.6120\text{E-}004$$

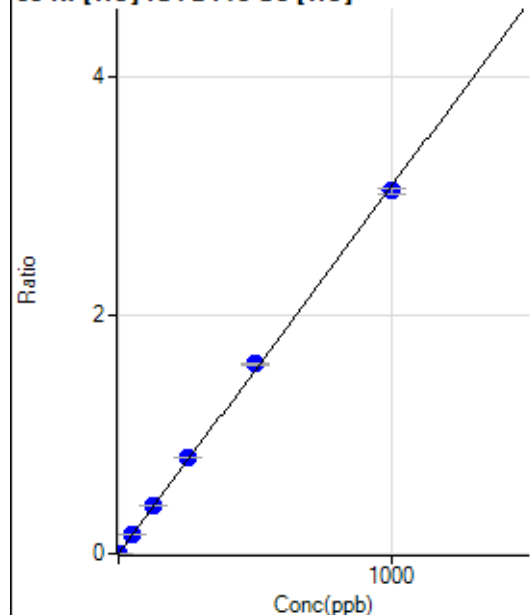
$$R = 0.9999$$

$$DL = 0.004254$$

$$BEC = 0.01323$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.22	0.0001	P	5.3
2	☐	1.000	1.088	2077.95	0.0034	P	8.1
3	☐	50.000	53.753	100033.45	0.1659	P	0.5
4	☐	125.000	133.267	240073.19	0.4114	P	0.3
5	☐	250.000	262.458	463274.40	0.8101	P	0.5
6	☐	500.000	515.814	917091.96	1.5920	P	0.7
7	☐	1000.000	987.757	1811861.14	3.0485	P	1.7
8	☐			4939.76	0.0084	P	1.8

$$y = 0.0031 * x + 5.3113E-005$$

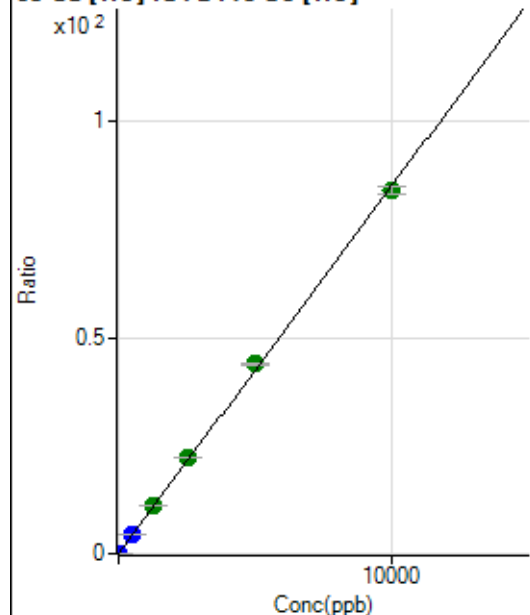
$$R = 0.9997$$

$$DL = 0.002754$$

$$BEC = 0.01721$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	970.04	0.0016	P	4.0
2	☐	2.000	1.901	10817.41	0.0178	P	1.8
3	☐	500.000	534.635	2740169.06	4.5458	P	0.3
4	☐	1250.000	1329.103	6594036.15	11.2985	A	0.5
5	☐	2500.000	2633.229	12800942.17	22.3832	A	0.3
6	☐	5000.000	5160.208	25267523.51	43.8616	A	1.0
7	☐	10000.000	9874.969	49883197.59	83.9355	A	2.2
8	☐			11094.29	0.0188	P	1.0

$$y = 0.0085 * x + 0.0016$$

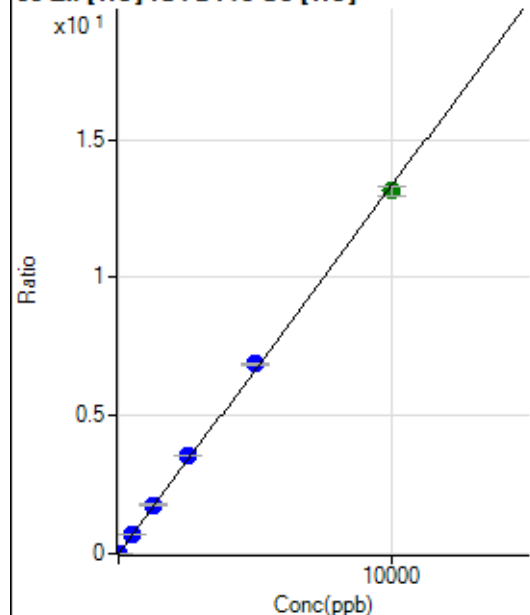
$$R = 0.9997$$

$$DL = 0.02239$$

$$BEC = 0.1882$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	607.80	0.0010	P	6.7
2	☐	2.000	2.216	2408.00	0.0040	P	2.6
3	☐	500.000	533.189	428605.99	0.7111	P	0.5
4	☐	1250.000	1332.086	1035898.07	1.7750	P	0.8
5	☐	2500.000	2646.399	2016086.03	3.5252	P	0.4
6	☐	5000.000	5169.662	3966496.92	6.8855	P	0.8
7	☐	10000.000	9866.649	7809283.77	13.1405	A	2.5
8	☐			12853.50	0.0218	P	1.4

$$y = 0.0013 * x + 0.0010$$

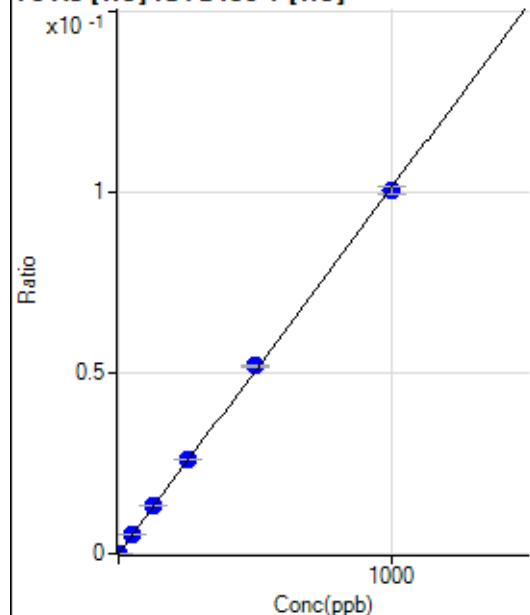
$$R = 0.9997$$

$$DL = 0.1502$$

$$BEC = 0.7524$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.79	0.0000	P	41.6
2	☐	1.000	1.059	509.89	0.0001	P	6.6
3	☐	50.000	52.577	24714.17	0.0053	P	0.8
4	☐	125.000	128.853	59336.71	0.0130	P	0.1
5	☐	250.000	256.623	117124.78	0.0259	P	0.5
6	☐	500.000	512.561	235987.75	0.0518	P	0.4
7	☐	1000.000	991.453	473803.45	0.1002	P	2.1
8	☐			182.10	0.0000	P	5.7

$$y = 1.0106E-004 * x + 1.4547E-006$$

$$R = 0.9999$$

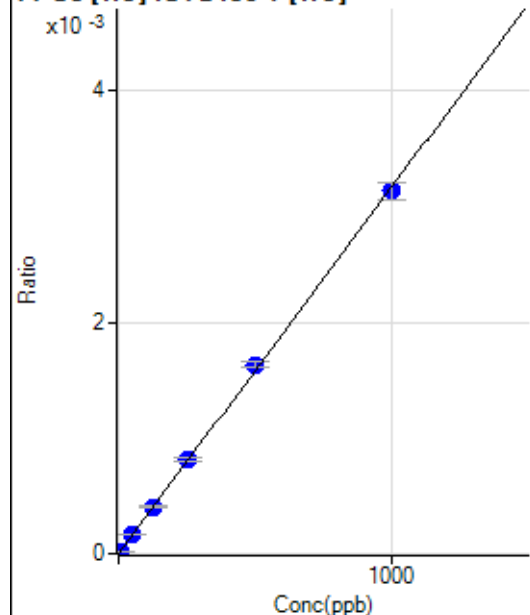
$$DL = 0.01796$$

$$BEC = 0.01439$$

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	5.515	82.22	0.0000	P	35.6
3	☐	50.000	51.536	758.92	0.0002	P	3.3
4	☐	125.000	127.786	1843.47	0.0004	P	5.4
5	☐	250.000	258.154	3691.61	0.0008	P	3.0
6	☐	500.000	514.602	7423.09	0.0016	P	3.1
7	☐	1000.000	990.233	14820.99	0.0031	P	4.8
8	☐			3.33	0.0000	P	99.7

$$y = 3.1666\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

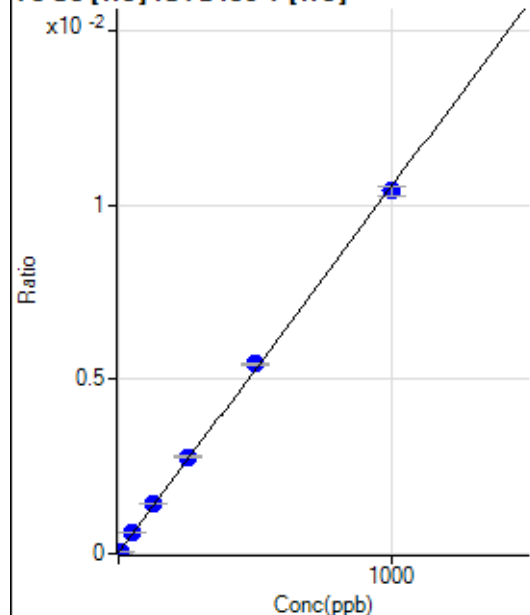
$$DL = 0$$

$$BEC = 0$$

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	132.10	0.0000	P	20.8
2	☐	5.000	4.983	379.64	0.0001	P	3.8
3	☐	50.000	53.603	2752.75	0.0006	P	1.0
4	☐	125.000	134.116	6555.20	0.0014	P	0.5
5	☐	250.000	261.712	12556.69	0.0028	P	1.0
6	☐	500.000	515.387	24820.55	0.0054	P	0.5
7	☐	1000.000	988.059	49263.31	0.0104	P	2.7
8	☐			148.15	0.0000	P	6.3

$$y = 1.0517\text{E-}005 * x + 2.8342\text{E-}005$$

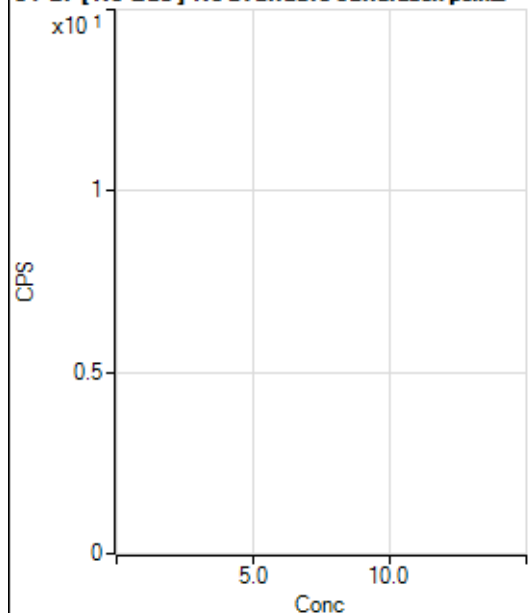
$$R = 0.9997$$

$$DL = 1.681$$

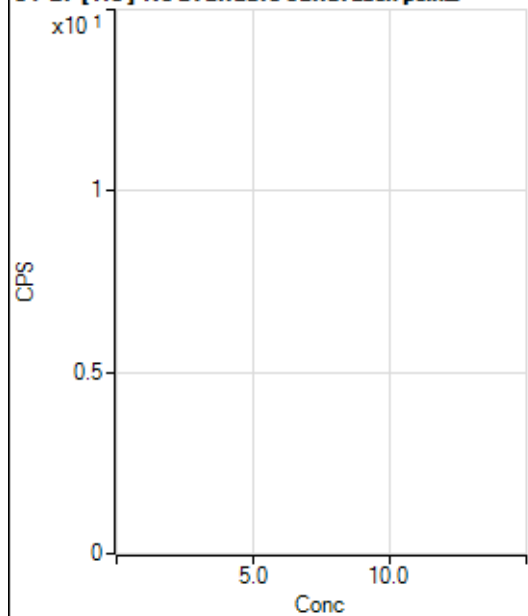
$$BEC = 2.695$$

Weight: <None>

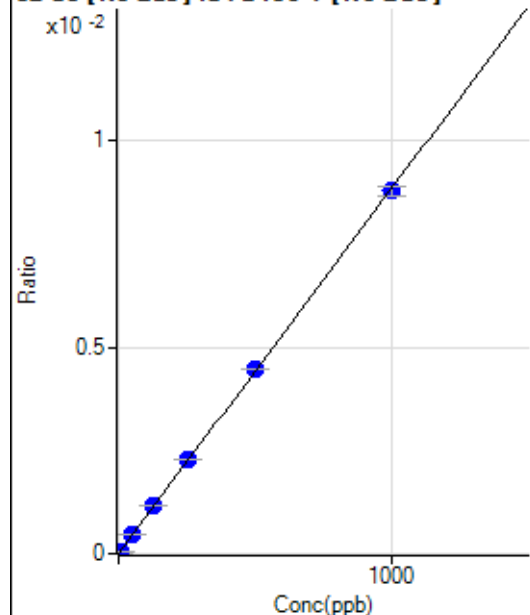
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13231.43		P	2.1
2	☐			13292.58		P	2.3
3	☐			12308.32		P	2.6
4	☐			11721.70		P	0.9
5	☐			11463.21		P	5.6
6	☐			11933.01		P	0.8
7	☐			12077.55		P	2.9
8	☐			13779.12		P	2.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.70		P	31.5
2	☐			66.73		P	31.2
3	☐			56.72		P	36.7
4	☐			86.75		P	17.6
5	☐			56.72		P	44.4
6	☐			63.40		P	24.1
7	☐			56.72		P	53.9
8	☐			86.75		P	35.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.30	0.0000	P	21.9
2	☐	5.000	5.277	1036.46	0.0001	P	6.2
3	☐	50.000	53.518	9632.22	0.0005	P	1.2
4	☐	125.000	130.131	23258.64	0.0012	P	0.9
5	☐	250.000	258.726	45091.69	0.0023	P	0.4
6	☐	500.000	506.100	89313.62	0.0045	P	0.1
7	☐	1000.000	993.950	175873.49	0.0088	P	2.3
8	☐			123.01	0.0000	P	68.7

$$y = 8.8414\text{E-}006 * x + 4.0341\text{E-}006$$

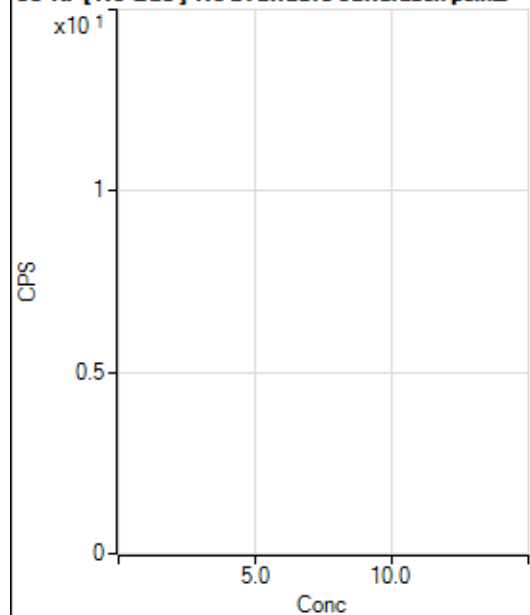
$$R = 0.9999$$

$$DL = 0.2991$$

$$BEC = 0.4563$$

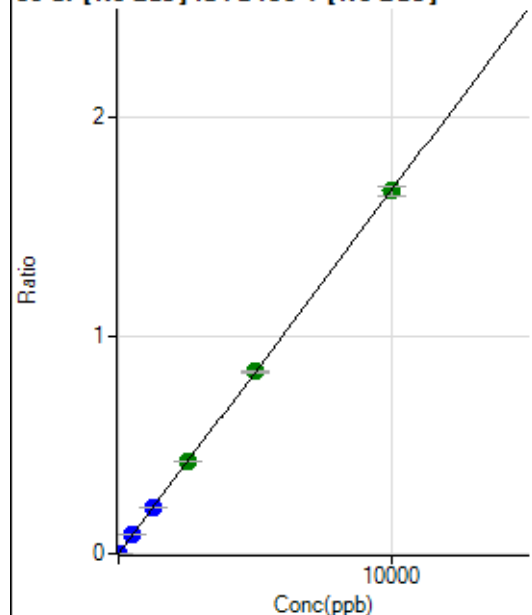
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			711.14		P	6.7
2	☐			664.47		P	8.5
3	☐			675.58		P	6.6
4	☐			676.69		P	3.0
5	☐			686.69		P	1.8
6	☐			676.69		P	6.4
7	☐			710.03		P	8.3
8	☐			758.92		P	9.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1147.30	0.0001	P	4.3
2	☐	1.000	1.034	4673.12	0.0002	P	2.4
3	☐	500.000	513.318	1727729.40	0.0856	P	1.2
4	☐	1250.000	1265.650	4249508.08	0.2110	P	1.1
5	☐	2500.000	2532.316	8304881.70	0.4220	A	0.2
6	☐	5000.000	5005.498	16635328.67	0.8342	A	0.2
7	☐	10000.000	9986.550	33290845.19	1.6642	A	2.4
8	☐			13784.69	0.0007	P	1.7

$$y = 1.6664\text{E-}004 * x + 5.6243\text{E-}005$$

$$R = 1.0000$$

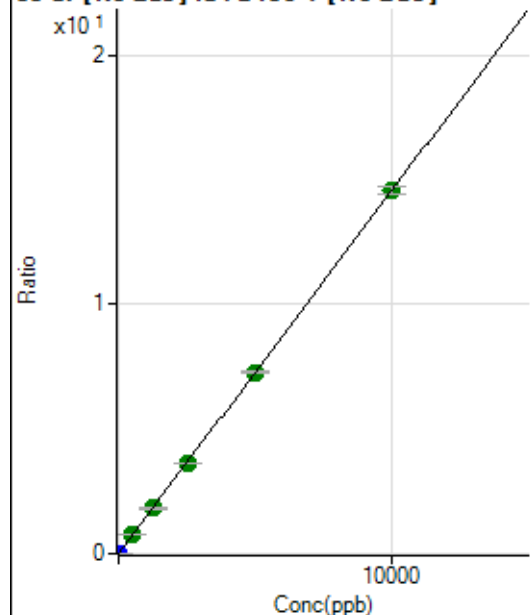
$$DL = 0.04305$$

$$BEC = 0.3375$$

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	205.56	0.0000	P	10.0
2	☐	1.000	1.069	32044.46	0.0016	P	1.0
3	☐	500.000	507.628	14920295.47	0.7392	A	0.4
4	☐	1250.000	1247.590	36593641.10	1.8167	A	1.3
5	☐	2500.000	2498.733	71596064.80	3.6385	A	0.2
6	☐	5000.000	5000.048	145190029.63	7.2807	A	0.5
7	☐	10000.000	10000.213	291294948.18	14.5615	A	2.2
8	☐			113686.17	0.0058	P	1.2

$$y = 0.0015 * x + 1.0081\text{E-}005$$

$$R = 1.0000$$

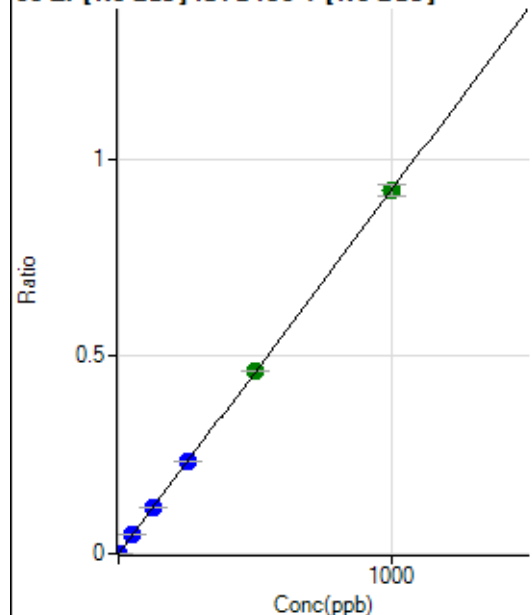
$$DL = 0.002084$$

$$BEC = 0.006923$$

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	1177.85	0.0001	P	11.1
2	☐	1.000	0.905	18209.19	0.0009	P	1.4
3	☐	50.000	51.164	951291.09	0.0471	P	0.2
4	☐	125.000	125.242	2322130.09	0.1153	P	0.3
5	☐	250.000	252.754	4576745.42	0.2326	P	0.5
6	☐	500.000	502.163	9214053.16	0.4620	A	0.5
7	☐	1000.000	998.142	18368130.79	0.9183	A	3.0
8	☐			5376.17	0.0003	P	4.4

$$y = 9.1998\text{E-}004 * x + 5.7782\text{E-}005$$

$$R = 1.0000$$

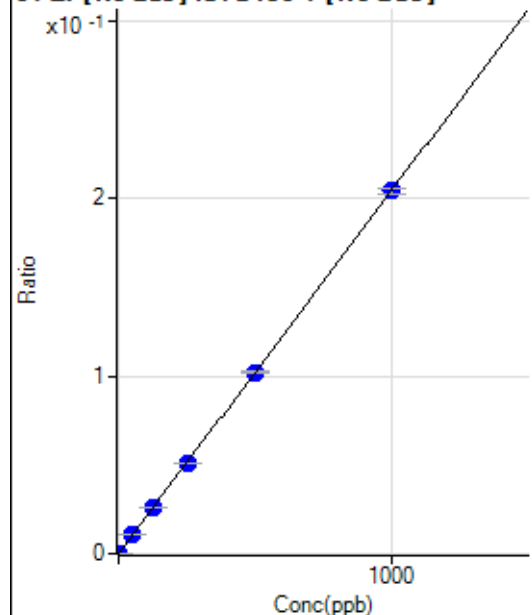
$$DL = 0.02093$$

$$BEC = 0.06281$$

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	155.56	0.0000	P	19.9
2	☐	1.000	0.878	3825.61	0.0002	P	5.5
3	☐	50.000	51.214	211458.43	0.0105	P	0.6
4	☐	125.000	125.173	515545.21	0.0256	P	0.5
5	☐	250.000	250.284	1006842.36	0.0512	P	0.8
6	☐	500.000	500.373	2039777.89	0.1023	P	0.5
7	☐	1000.000	999.661	4088034.03	0.2043	P	1.8
8	☐			1166.74	0.0001	P	5.3

$$y = 2.0441\text{E-}004 * x + 7.6356\text{E-}006$$

$$R = 1.0000$$

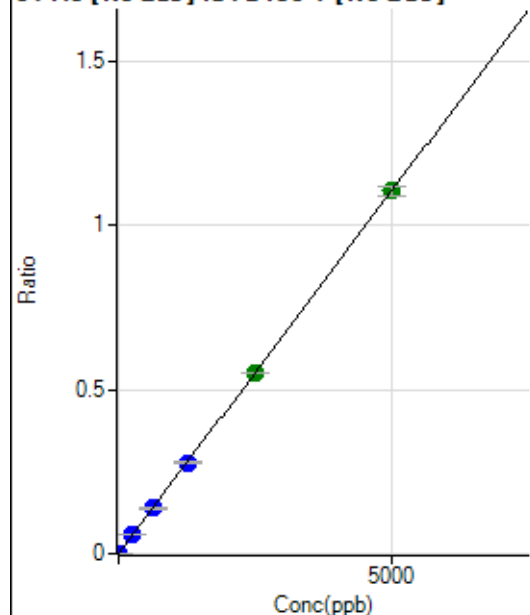
$$DL = 0.02229$$

$$BEC = 0.03736$$

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	344.46	0.0000	P	8.4
2	☐	5.000	4.742	21780.91	0.0011	P	2.6
3	☐	250.000	254.579	1136106.89	0.0563	P	1.0
4	☐	625.000	624.107	2778994.05	0.1380	P	1.1
5	☐	1250.000	1256.270	5464232.80	0.2777	P	0.8
6	☐	2500.000	2490.634	10978300.42	0.5505	A	0.8
7	☐	5000.000	5002.998	22120111.26	1.1058	A	2.5
8	☐			5940.27	0.0003	P	4.6

$$y = 2.2103\text{E-}004 * x + 1.6893\text{E-}005$$

$$R = 1.0000$$

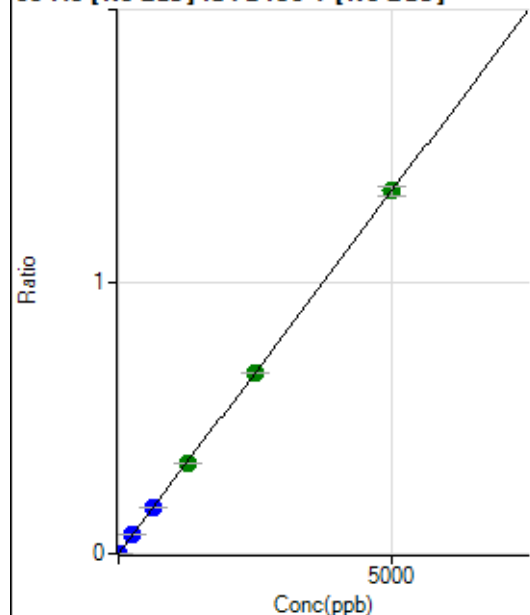
$$DL = 0.01925$$

$$BEC = 0.07643$$

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	25.00	0.0000	P	58.0
2	☐	5.000	4.896	26717.04	0.0013	P	4.3
3	☐	250.000	257.313	1384459.20	0.0686	P	0.5
4	☐	625.000	630.843	3387189.22	0.1682	P	0.7
5	☐	1250.000	1246.215	6536535.43	0.3322	A	1.1
6	☐	2500.000	2487.663	13223318.53	0.6631	A	0.5
7	☐	5000.000	5006.019	26691559.97	1.3344	A	2.6
8	☐			8516.61	0.0004	P	3.8

$$y = 2.6655\text{E-}004 * x + 1.2284\text{E-}006$$

$$R = 1.0000$$

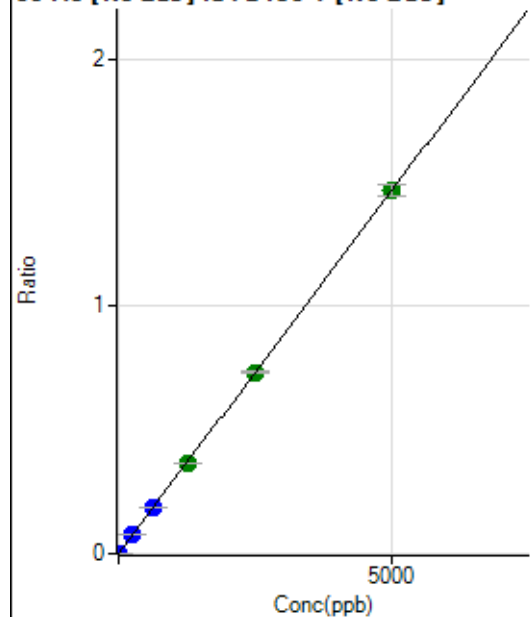
$$DL = 0.008025$$

$$BEC = 0.004608$$

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	122.23	0.0000	P	28.1
2	☐	5.000	4.996	30087.78	0.0015	P	2.3
3	☐	250.000	258.609	1531013.78	0.0759	P	0.6
4	☐	625.000	631.727	3731903.17	0.1853	P	1.6
5	☐	1250.000	1243.615	7176968.65	0.3647	A	0.8
6	☐	2500.000	2499.980	14621184.53	0.7332	A	0.4
7	☐	5000.000	5000.335	29332151.00	1.4665	A	3.0
8	☐			9811.95	0.0005	P	3.0

$$y = 2.9328\text{E-}004 * x + 5.9988\text{E-}006$$

$$R = 1.0000$$

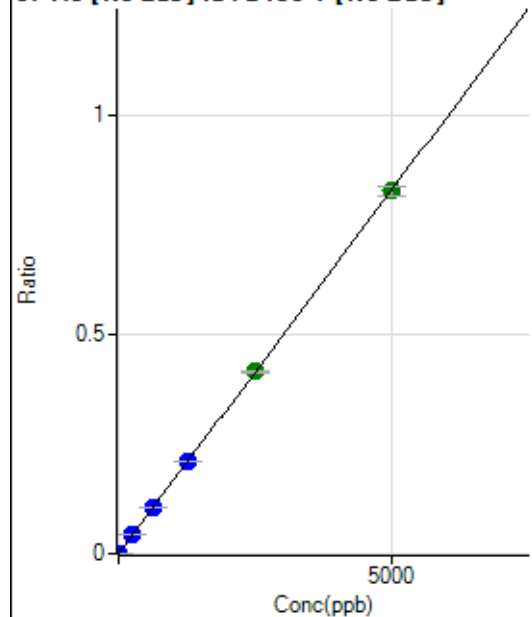
$$DL = 0.01724$$

$$BEC = 0.02045$$

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	16.66	0.0000	P	86.0
2	☐	5.000	4.872	16559.88	0.0008	P	2.9
3	☐	250.000	257.619	863430.55	0.0428	P	0.8
4	☐	625.000	630.921	2110203.39	0.1048	P	0.9
5	☐	1250.000	1267.447	4141171.75	0.2105	P	0.7
6	☐	2500.000	2507.003	8301241.07	0.4163	A	0.7
7	☐	5000.000	4991.016	16575945.68	0.8287	A	3.0
8	☐			4192.40	0.0002	P	5.7

$$y = 1.6604\text{E-}004 * x + 8.1402\text{E-}007$$

$$R = 1.0000$$

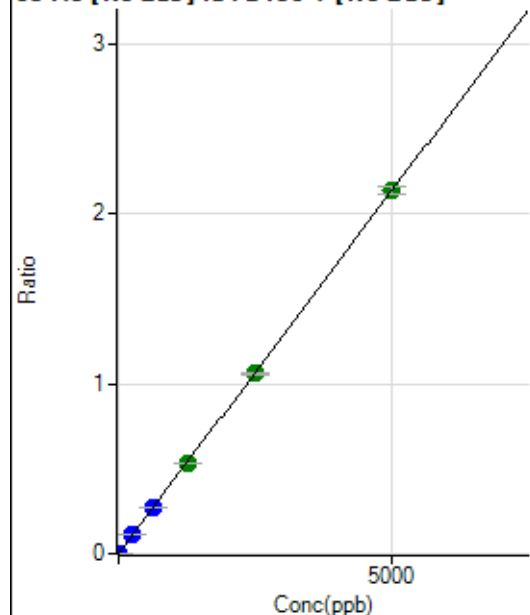
$$DL = 0.01265$$

$$BEC = 0.004902$$

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	77.78	0.0000	P	16.1
2	☐	5.000	4.996	43703.31	0.0021	P	2.1
3	☐	250.000	259.081	2233160.60	0.1106	P	0.4
4	☐	625.000	636.404	5474061.32	0.2718	P	0.8
5	☐	1250.000	1250.361	10506320.20	0.5339	A	1.1
6	☐	2500.000	2489.160	21196324.26	1.0629	A	1.0
7	☐	5000.000	5003.450	42740609.99	2.1365	A	2.1
8	☐			8978.06	0.0005	P	2.8

$$y = 4.2701\text{E-}004 * x + 3.8120\text{E-}006$$

$$R = 1.0000$$

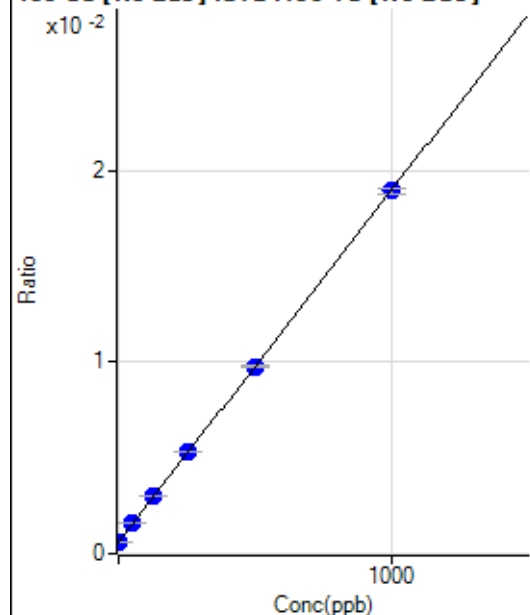
$$DL = 0.004311$$

$$BEC = 0.008927$$

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	10509.75	0.0006	P	5.4
2	☐	1.000	1.712	11010.14	0.0006	P	2.0
3	☐	50.000	55.007	27747.15	0.0016	P	0.6
4	☐	125.000	129.963	51805.97	0.0030	P	1.7
5	☐	250.000	255.537	90140.76	0.0053	P	0.5
6	☐	500.000	499.220	170269.37	0.0098	P	0.7
7	☐	1000.000	998.134	326457.29	0.0189	P	1.8
8	☐			10545.82	0.0006	P	0.9

$$y = 1.8375\text{E-}005 * x + 6.0684\text{E-}004$$

$$R = 1.0000$$

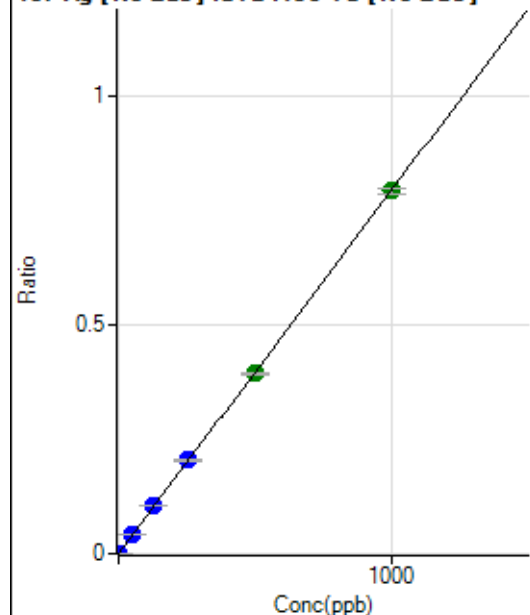
$$DL = 5.304$$

$$BEC = 33.02$$

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	111.11	0.0000	P	9.9
2	☐	1.000	1.008	13887.69	0.0008	P	2.5
3	☐	50.000	54.477	740857.38	0.0432	P	0.2
4	☐	125.000	131.311	1800706.31	0.1041	P	1.3
5	☐	250.000	258.192	3479204.33	0.2047	P	1.5
6	☐	500.000	497.170	6861436.70	0.3941	A	1.1
7	☐	1000.000	998.354	13635251.52	0.7914	A	1.9
8	☐			3464.39	0.0002	P	12.1

$$y = 7.9271\text{E-}004 * x + 6.4179\text{E-}006$$

$$R = 0.9999$$

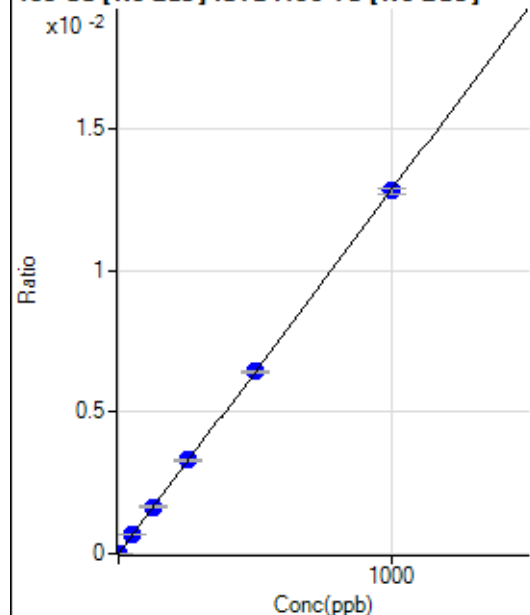
$$DL = 0.002396$$

$$BEC = 0.008096$$

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	52.78	0.0000	P	36.9
2	☐	1.000	1.031	280.56	0.0000	P	4.7
3	☐	50.000	54.268	11987.13	0.0007	P	1.7
4	☐	125.000	129.151	28695.68	0.0017	P	1.6
5	☐	250.000	256.559	55965.19	0.0033	P	1.8
6	☐	500.000	499.950	111648.95	0.0064	P	0.7
7	☐	1000.000	997.653	220427.92	0.0128	P	1.9
8	☐			144.45	0.0000	P	22.4

$$y = 1.2821\text{E-}005 * x + 3.0447\text{E-}006$$

$$R = 1.0000$$

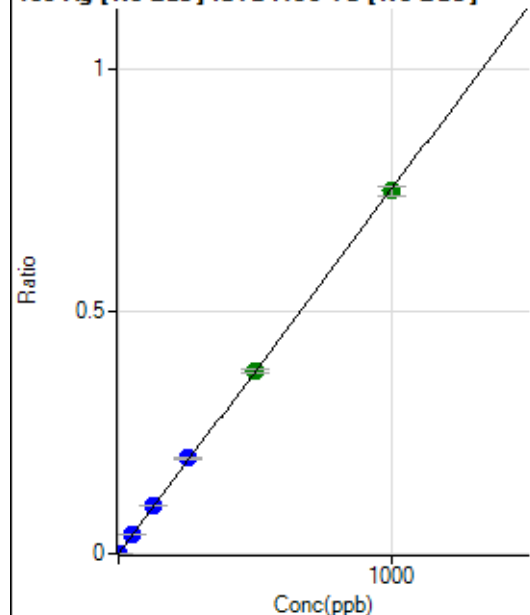
$$DL = 0.2627$$

$$BEC = 0.2375$$

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	27.78	0.0000	P	68.6
2	☐	1.000	0.987	12820.06	0.0007	P	6.3
3	☐	50.000	54.886	707294.94	0.0412	P	0.6
4	☐	125.000	131.757	1712256.90	0.0990	P	1.1
5	☐	250.000	262.651	3354075.99	0.1973	P	1.5
6	☐	500.000	500.959	6551888.17	0.3763	A	1.6
7	☐	1000.000	995.268	12880055.41	0.7477	A	2.9
8	☐			3294.92	0.0002	P	10.5

$$y = 7.5124\text{E-}004 * x + 1.5991\text{E-}006$$

$$R = 0.9999$$

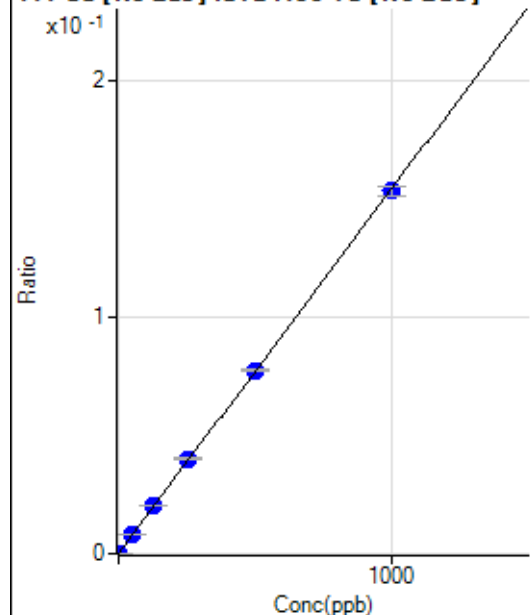
$$DL = 0.004383$$

$$BEC = 0.002129$$

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	1045.98	0.0001	P	6.1
2	☐	1.000	1.014	3738.29	0.0002	P	2.3
3	☐	50.000	53.970	143762.23	0.0084	P	0.4
4	☐	125.000	130.803	349895.96	0.0202	P	1.2
5	☐	250.000	260.349	683313.69	0.0402	P	1.6
6	☐	500.000	503.221	1351724.51	0.0776	P	0.9
7	☐	1000.000	994.879	2643418.88	0.1534	P	2.4
8	☐			1572.93	0.0001	P	4.2

$$y = 1.5417\text{E-}004 * x + 6.0392\text{E-}005$$

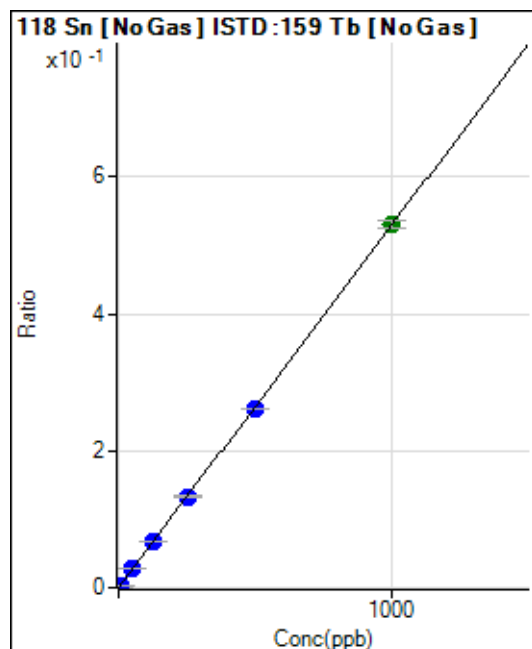
$$R = 0.9999$$

$$DL = 0.07161$$

$$BEC = 0.3917$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	972.28	0.0001	P	6.8
2	☐	5.000	4.847	45211.94	0.0026	P	0.6
3	☐	50.000	51.890	471930.58	0.0275	P	0.7
4	☐	125.000	126.614	1159878.14	0.0671	P	1.1
5	☐	250.000	251.930	2266966.17	0.1334	P	1.0
6	☐	500.000	495.450	4565138.47	0.2622	P	0.1
7	☐	1000.000	1001.497	9130475.64	0.5300	A	2.2
8	☐			3400.51	0.0002	P	5.1

$$y = 5.2913\text{E-}004 * x + 5.6135\text{E-}005$$

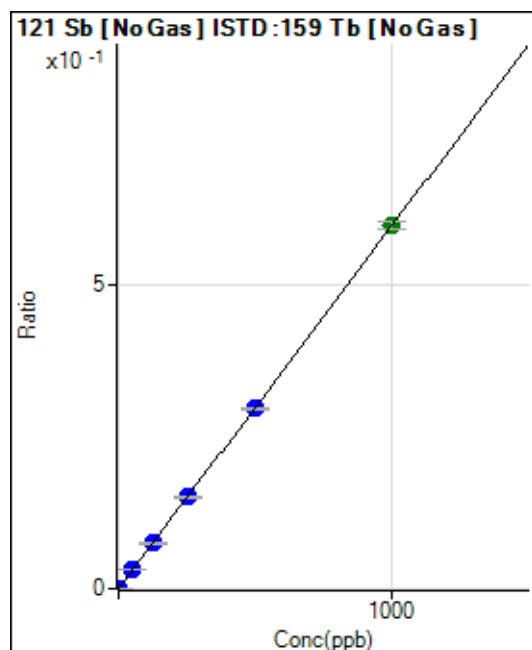
$$R = 1.0000$$

$$DL = 0.02178$$

$$BEC = 0.1061$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0000	P	36.8
2	☐	2.000	1.919	19833.90	0.0011	P	0.6
3	☐	50.000	51.356	524565.99	0.0306	P	0.5
4	☐	125.000	125.427	1291799.77	0.0747	P	1.3
5	☐	250.000	252.428	2554704.38	0.1503	P	1.0
6	☐	500.000	496.245	5143512.01	0.2954	P	0.9
7	☐	1000.000	1001.149	10268724.71	0.5960	A	2.0
8	☐			5873.59	0.0004	P	2.6

$$y = 5.9534\text{E-}004 * x + 7.0418\text{E-}006$$

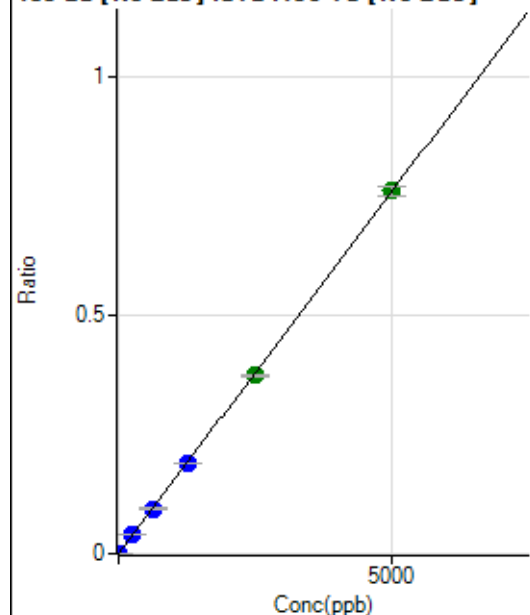
$$R = 1.0000$$

$$DL = 0.01307$$

$$BEC = 0.01183$$

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	25.00	0.0000	P	68.1
2	☐	10.000	9.626	25192.75	0.0015	P	3.2
3	☐	250.000	256.431	666801.56	0.0389	P	0.9
4	☐	625.000	621.299	1629164.52	0.0942	P	1.5
5	☐	1250.000	1250.934	3223370.60	0.1896	P	1.6
6	☐	2500.000	2467.158	6511002.01	0.3740	A	1.2
7	☐	5000.000	5016.329	13099416.96	0.7604	A	2.7
8	☐			5012.15	0.0003	P	2.4

$$y = 1.5159\text{E-}004 * x + 1.4539\text{E-}006$$

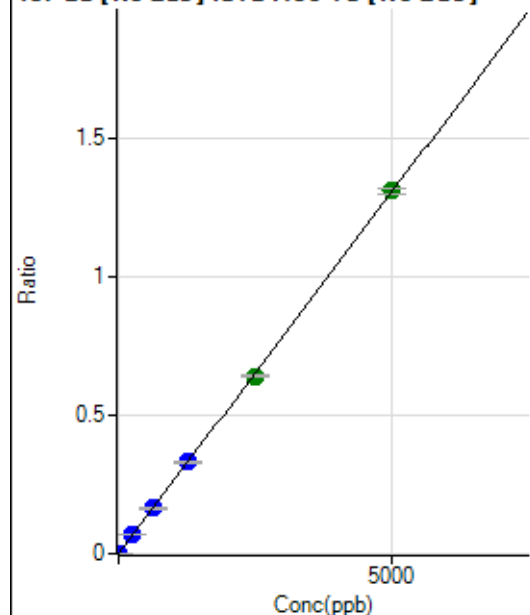
$$R = 1.0000$$

$$DL = 0.01959$$

$$BEC = 0.009591$$

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	30.56	0.0000	P	58.6
2	☐	10.000	9.900	44546.76	0.0026	P	0.6
3	☐	250.000	256.870	1148569.85	0.0670	P	0.8
4	☐	625.000	627.839	2830986.78	0.1637	P	1.5
5	☐	1250.000	1269.337	5624499.08	0.3309	P	1.5
6	☐	2500.000	2450.097	11118938.27	0.6387	A	0.9
7	☐	5000.000	5019.419	22544009.18	1.3084	A	1.5
8	☐			8625.08	0.0005	P	2.9

$$y = 2.6067\text{E-}004 * x + 1.7746\text{E-}006$$

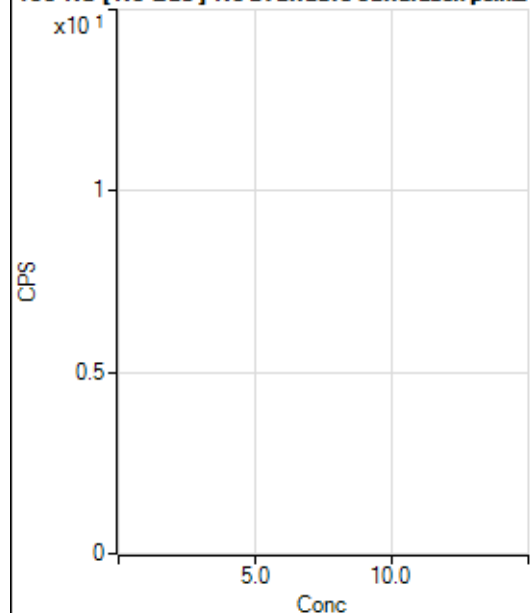
$$R = 0.9999$$

$$DL = 0.01197$$

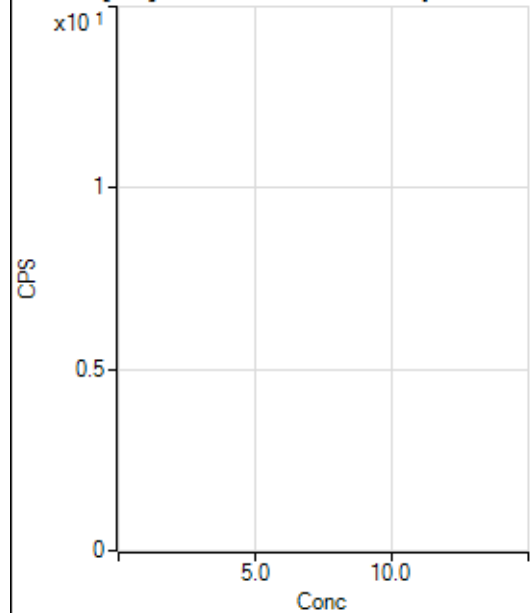
$$BEC = 0.006808$$

Weight: <None>

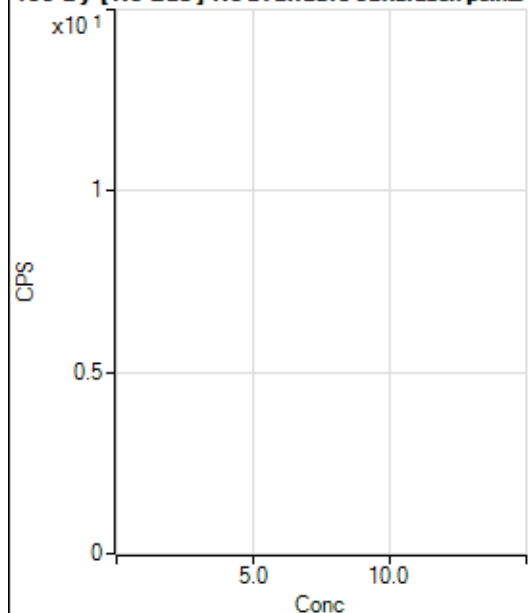
Min Conc: 0

150 Nd [No Gas] No available calibration points

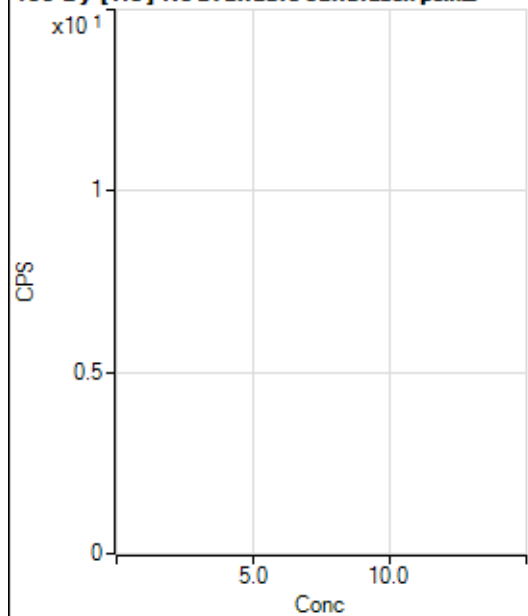
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.45		P	86.6
3	☐			73.33		P	9.1
4	☐			200.01		P	10.0
5	☐			395.57		P	11.2
6	☐			677.81		P	6.5
7	☐			1257.86		P	1.1
8	☐			55.56		P	13.9

150 Nd [He] No available calibration points

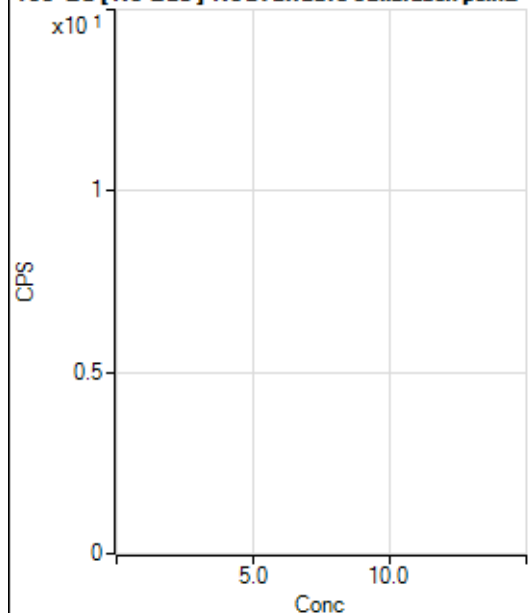
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			14.45		P	48.0
4	☐			33.33		P	36.1
5	☐			72.22		P	9.6
6	☐			135.56		P	7.5
7	☐			258.89		P	11.7
8	☐			27.78		P	25.0

156 Dy [No Gas] No available calibration points

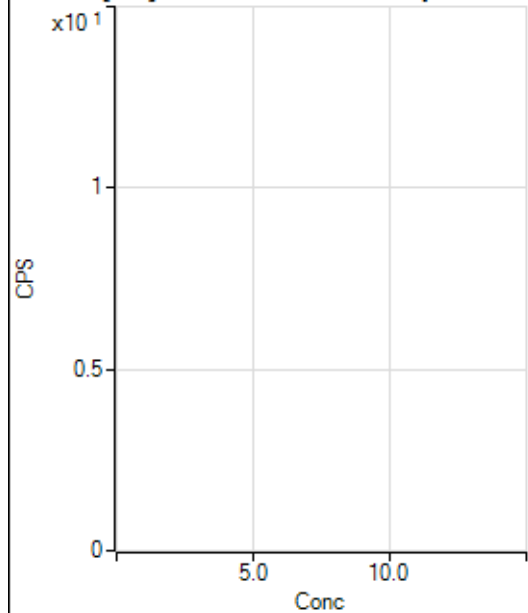
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			13.89		P	34.7
3	☐			61.11		P	56.8
4	☐			147.23		P	29.0
5	☐			216.67		P	17.6
6	☐			338.90		P	11.4
7	☐			816.71		P	16.2
8	☐			1872.40		P	5.6

156 Dy [He] No available calibration points

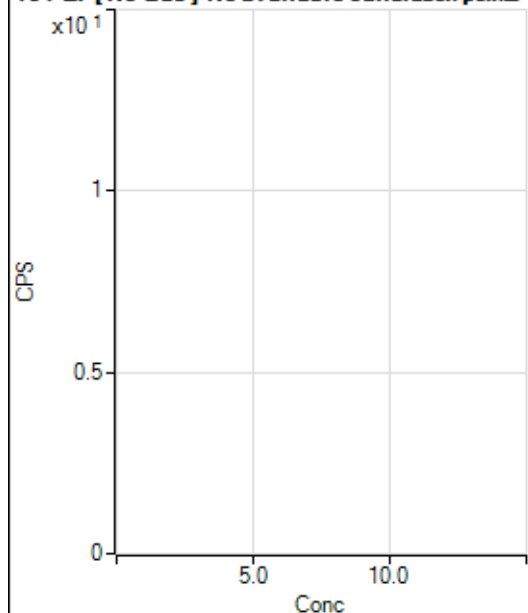
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			2.22		P	173.
3	☐			38.89		P	26.2
4	☐			78.89		P	2.4
5	☐			143.33		P	12.9
6	☐			327.78		P	12.0
7	☐			606.69		P	6.7
8	☐			1338.97		P	5.5

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

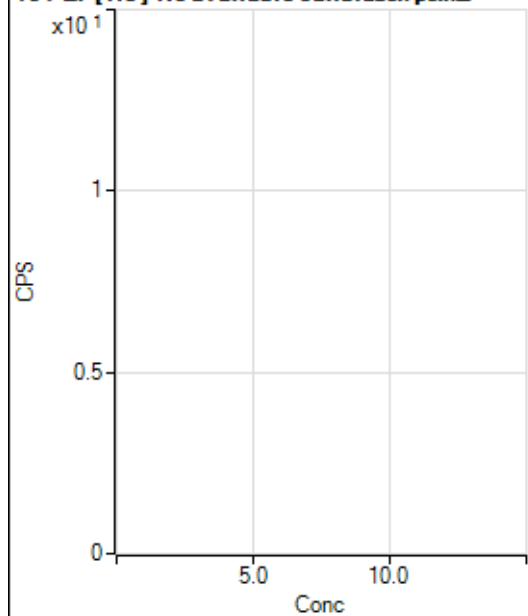
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.89		P	33.0
2	☐			147.23		P	25.5
3	☐			152.78		P	51.6
4	☐			186.12		P	17.0
5	☐			241.67		P	18.2
6	☐			419.46		P	1.1
7	☐			686.15		P	18.8
8	☐			2341.93		P	5.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			356.67		P	7.7
2	☐			314.45		P	3.4
3	☐			323.34		P	3.1
4	☐			373.34		P	10.1
5	☐			387.79		P	5.9
6	☐			514.46		P	9.4
7	☐			715.58		P	8.6
8	☐			1856.82		P	0.7

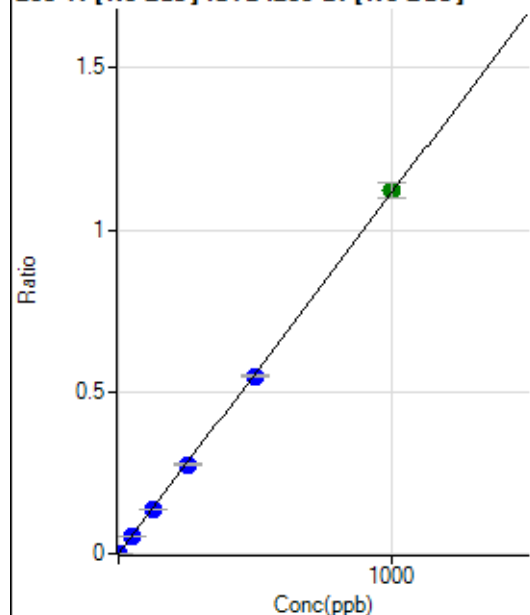
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.78		P	10.0
2	☐			113.89		P	18.4
3	☐			127.78		P	10.0
4	☐			147.22		P	14.2
5	☐			122.23		P	15.7
6	☐			161.12		P	18.2
7	☐			272.24		P	21.7
8	☐			452.80		P	13.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	25.3
2	☐			56.67		P	25.6
3	☐			71.11		P	21.1
4	☐			92.22		P	11.6
5	☐			91.11		P	10.6
6	☐			127.78		P	5.4
7	☐			193.34		P	16.4
8	☐			263.34		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0000	P	25.9
2	☐	1.000	0.934	12336.56	0.0011	P	1.7
3	☐	50.000	49.596	633255.47	0.0553	P	1.6
4	☐	125.000	121.237	1558163.40	0.1352	P	0.6
5	☐	250.000	246.525	3124730.47	0.2748	P	1.7
6	☐	500.000	491.955	6261669.67	0.5484	P	1.3
7	☐	1000.000	1005.382	12518065.39	1.1208	A	4.1
8	☐			3625.59	0.0004	P	16.5

$$y = 0.0011 * x + 2.6864E-005$$

$$R = 0.9999$$

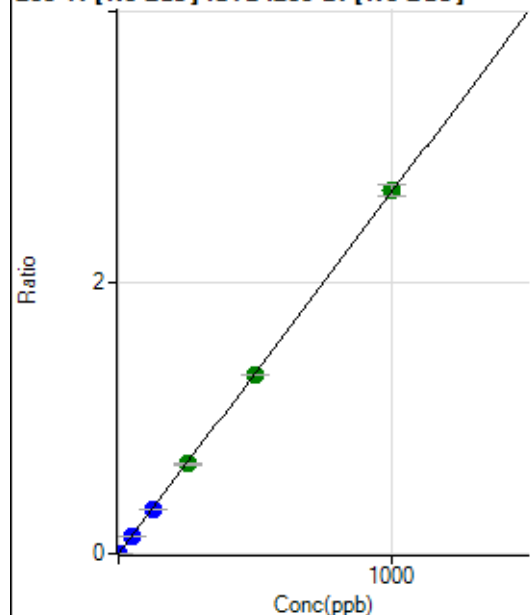
$$DL = 0.01874$$

$$BEC = 0.0241$$

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	750.04	0.0001	P	18.1
2	☐	1.000	0.908	28750.97	0.0025	P	1.3
3	☐	50.000	49.108	1501823.14	0.1312	P	1.3
4	☐	125.000	121.538	3741041.71	0.3246	P	1.2
5	☐	250.000	248.279	7537764.49	0.6630	A	1.1
6	☐	500.000	493.744	15053288.53	1.3184	A	0.3
7	☐	1000.000	1004.036	29947311.09	2.6809	A	3.2
8	☐			8255.58	0.0008	P	14.3

$$y = 0.0027 * x + 6.4746E-005$$

$$R = 1.0000$$

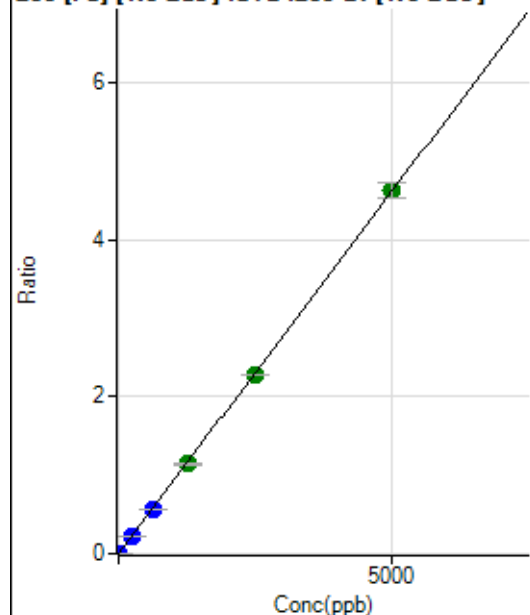
$$DL = 0.01316$$

$$BEC = 0.02425$$

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	987.09	0.0001	P	8.2
2	☐	1.000	0.916	10726.67	0.0009	P	3.1
3	☐	250.000	243.067	2564281.37	0.2240	P	1.3
4	☐	625.000	601.725	6389739.61	0.5544	P	1.1
5	☐	1250.000	1245.635	13046116.26	1.1475	A	1.8
6	☐	2500.000	2477.222	26055391.79	2.2820	A	0.6
7	☐	5000.000	5015.736	51604109.49	4.6204	A	4.2
8	☐			22111.21	0.0022	P	1.3

$$y = 9.2116E-004 * x + 8.5140E-005$$

$$R = 1.0000$$

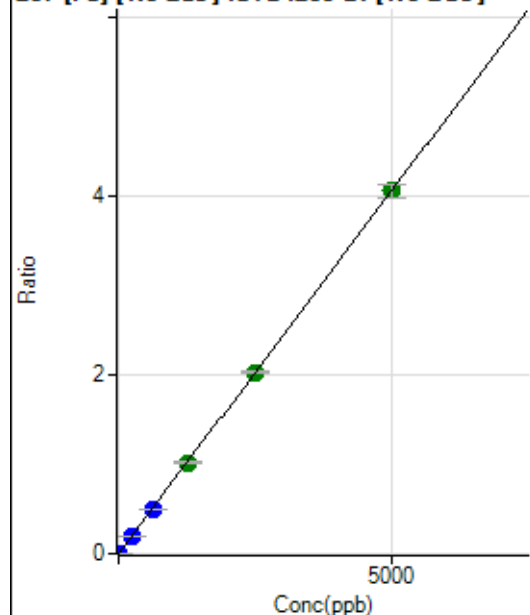
$$DL = 0.02267$$

$$BEC = 0.09243$$

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	855.60	0.0001	P	4.6
2	☐	1.000	0.924	9520.21	0.0008	P	2.9
3	☐	250.000	242.979	2260857.43	0.1975	P	1.1
4	☐	625.000	601.666	5634979.99	0.4889	P	1.5
5	☐	1250.000	1257.909	11620780.59	1.0221	A	0.5
6	☐	2500.000	2498.432	23176723.90	2.0299	A	0.9
7	☐	5000.000	5002.075	45395568.61	4.0640	A	3.4
8	☐			19677.73	0.0020	P	0.9

$$y = 8.1245E-004 * x + 7.3801E-005$$

$$R = 1.0000$$

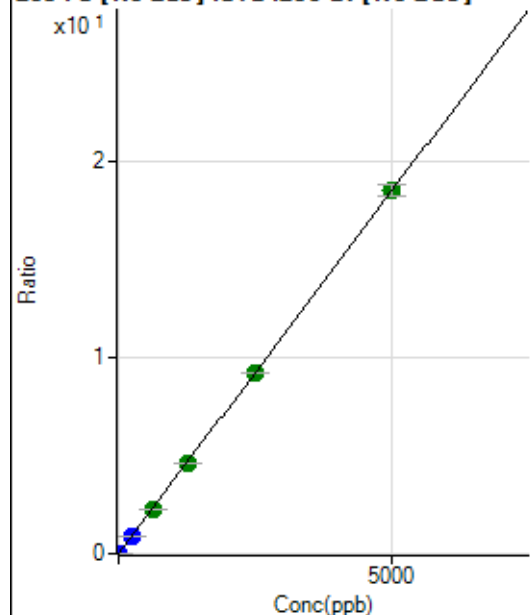
$$DL = 0.01256$$

$$BEC = 0.09084$$

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	4074.41	0.0004	P	2.6
2	☐	1.000	0.924	43502.60	0.0038	P	1.6
3	☐	250.000	244.577	10359795.92	0.9049	P	0.8
4	☐	625.000	611.715	26079654.99	2.2627	A	1.4
5	☐	1250.000	1251.329	52621520.39	4.6282	A	0.9
6	☐	2500.000	2490.184	105160072.49	9.2099	A	0.6
7	☐	5000.000	5006.508	206833809.25	18.5162	A	3.3
8	☐			89117.42	0.0090	P	0.4

$$y = 0.0037 * x + 3.5144E-004$$

$$R = 1.0000$$

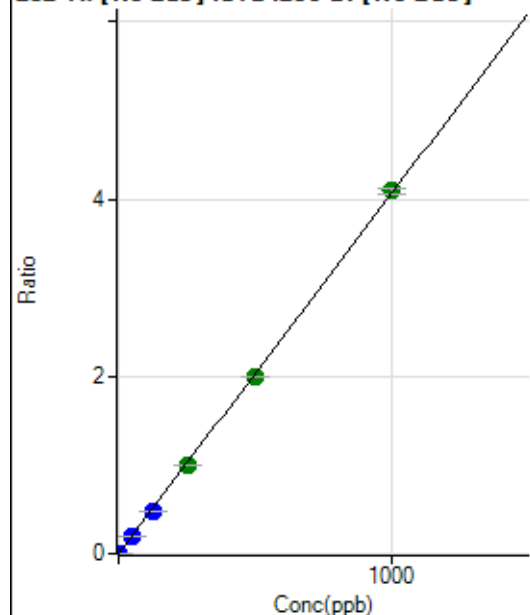
$$DL = 0.007492$$

$$BEC = 0.09503$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	257.41	0.0000	P	19.9
2	☐	1.000	0.000	250.00	0.0000	P	6.2
3	☐	50.000	45.859	2133468.68	0.1863	P	0.7
4	☐	125.000	116.217	5442544.91	0.4722	P	2.1
5	☐	250.000	244.762	11307298.75	0.9945	A	0.6
6	☐	500.000	490.669	22764305.14	1.9936	A	0.7
7	☐	1000.000	1007.281	45726845.93	4.0926	A	1.9
8	☐			4356.36	0.0004	P	11.5

$$y = 0.0041 * x + 2.2203E-005$$

$$R = 0.9999$$

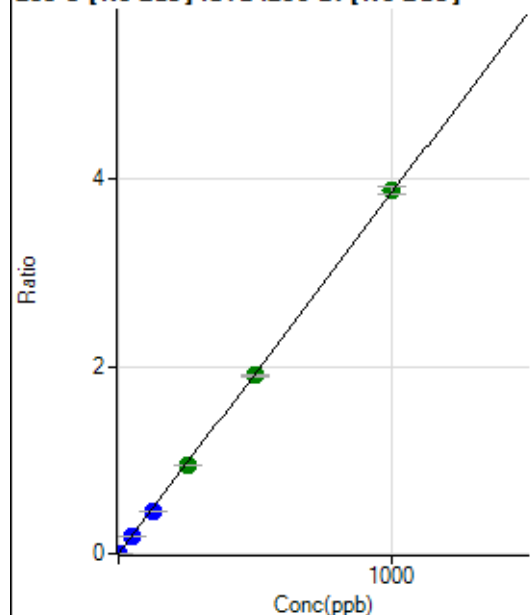
$$DL = 0.003254$$

$$BEC = 0.005465$$

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	58.33	0.0000	P	24.7
2	☐	1.000	0.881	39254.02	0.0034	P	1.0
3	☐	50.000	46.991	2073474.83	0.1811	P	1.1
4	☐	125.000	118.762	5275497.25	0.4577	P	1.7
5	☐	250.000	245.403	10753298.94	0.9458	A	1.3
6	☐	500.000	493.162	21700670.45	1.9007	A	2.0
7	☐	1000.000	1005.499	43296114.51	3.8752	A	2.1
8	☐			4461.99	0.0005	P	4.0

$$y = 0.0039 * x + 5.0314E-006$$

$$R = 0.9999$$

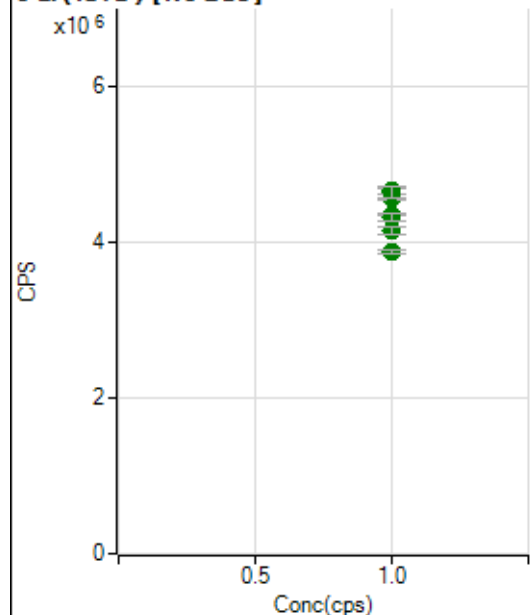
$$DL = 0.0009655$$

$$BEC = 0.001306$$

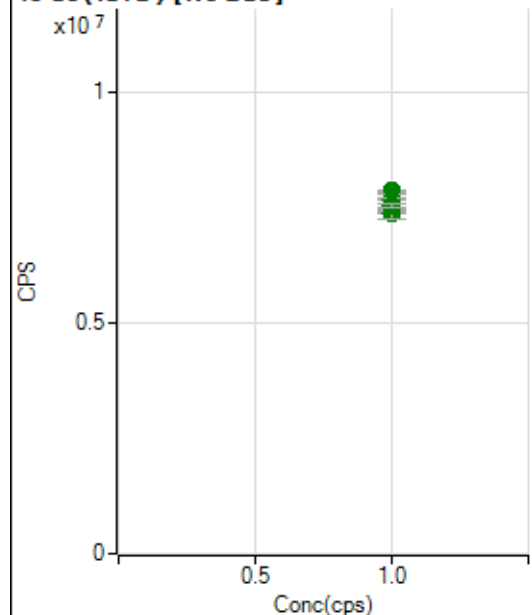
Weight: <None>

Min Conc: 0

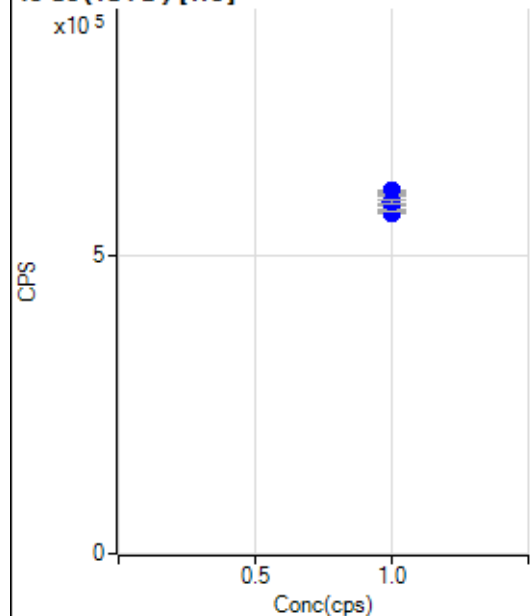
6 Li (ISTD) [No Gas]



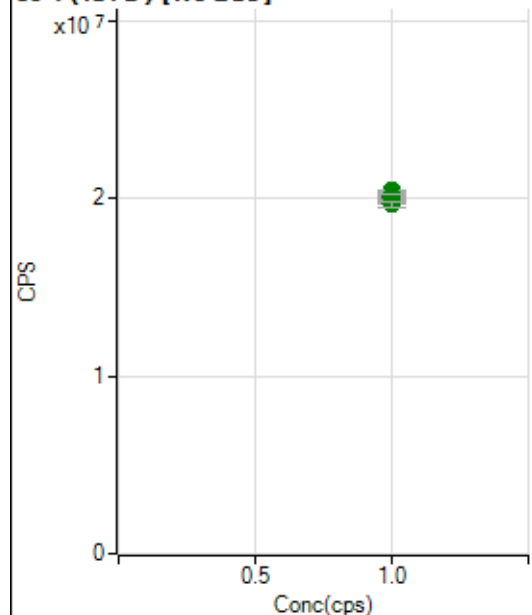
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4566253.75		A	0.1
2	☐	1.000		4651477.85		A	1.6
3	☐	1.000		4556599.90		A	0.5
4	☐	1.000		4631202.81		A	3.2
5	☐	1.000		4339630.49		A	0.3
6	☐	1.000		4319134.17		A	2.1
7	☐	1.000		4136685.01		A	2.1
8	☐	1.000		3873705.12		A	1.1

45 Sc (ISTD) [No Gas]

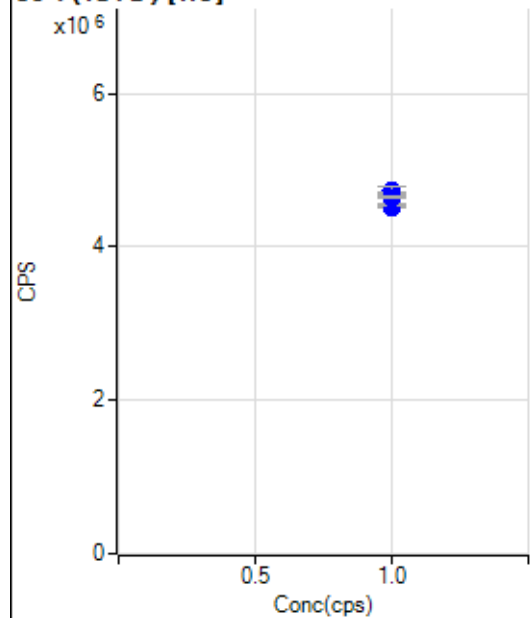
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7856991.06		A	0.6
2	☐	1.000		7779334.82		A	0.3
3	☐	1.000		7677261.48		A	0.8
4	☐	1.000		7650943.22		A	1.5
5	☐	1.000		7358447.18		A	0.2
6	☐	1.000		7379654.20		A	0.7
7	☐	1.000		7357484.68		A	2.6
8	☐	1.000		7519860.86		A	1.1

45 Sc (ISTD) [He]

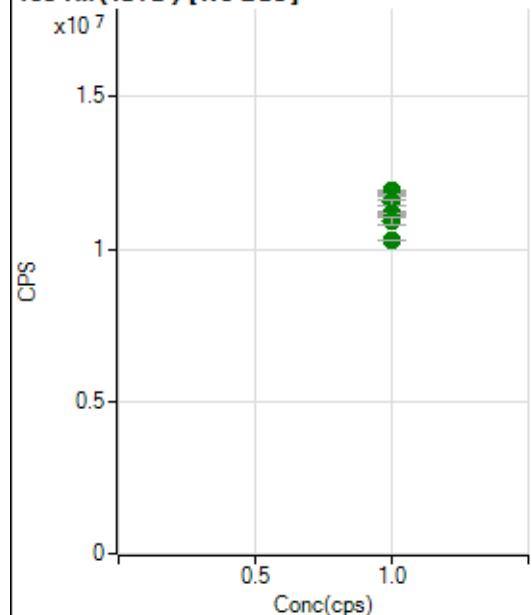
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		606486.00		P	0.7
2	☐	1.000		609083.61		P	0.6
3	☐	1.000		602786.22		P	0.7
4	☐	1.000		583622.26		P	0.2
5	☐	1.000		571904.33		P	0.3
6	☐	1.000		576094.76		P	1.0
7	☐	1.000		594464.56		P	1.8
8	☐	1.000		590701.71		P	0.7

89 Y (ISTD) [No Gas]

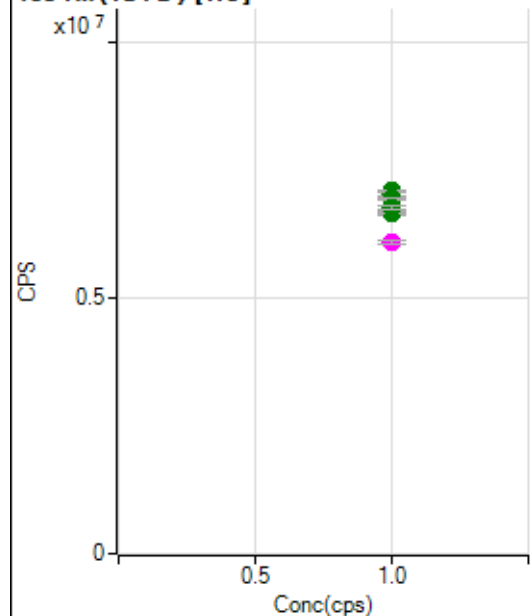
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20401664.70		A	1.2
2	☐	1.000		20450304.42		A	0.6
3	☐	1.000		20185337.06		A	0.7
4	☐	1.000		20144033.31		A	0.8
5	☐	1.000		19677513.46		A	0.0
6	☐	1.000		19941937.20		A	0.3
7	☐	1.000		20012003.31		A	2.6
8	☐	1.000		19697325.81		A	1.5

89 Y (ISTD) [He]

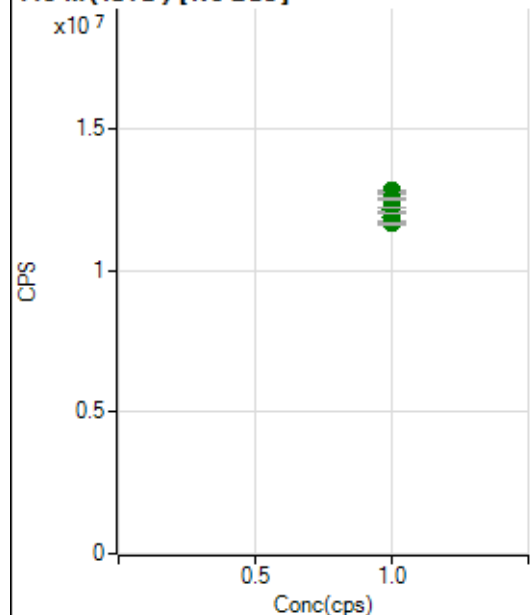
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4664096.74		P	0.5
2	☐	1.000		4701183.92		P	0.6
3	☐	1.000		4649674.37		P	0.8
4	☐	1.000		4556074.52		P	0.2
5	☐	1.000		4515926.25		P	0.6
6	☐	1.000		4555606.63		P	0.4
7	☐	1.000		4730080.21		P	2.3
8	☐	1.000		4650005.10		P	0.7

103 Rh (ISTD) [No Gas]

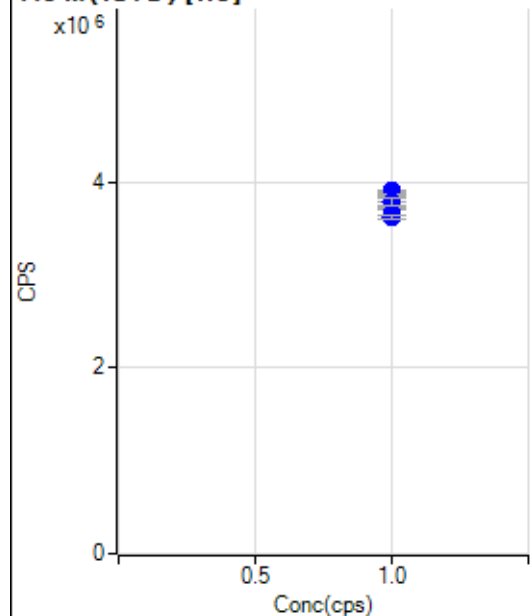
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11913393.85		A	0.7
2	☐	1.000		11842500.52		A	0.4
3	☐	1.000		11764583.02		A	0.5
4	☐	1.000		11536299.41		A	1.9
5	☐	1.000		11151443.86		A	1.0
6	☐	1.000		11175486.50		A	0.3
7	☐	1.000		10923645.39		A	2.7
8	☐	1.000		10281527.69		A	0.2

103 Rh (ISTD) [He]

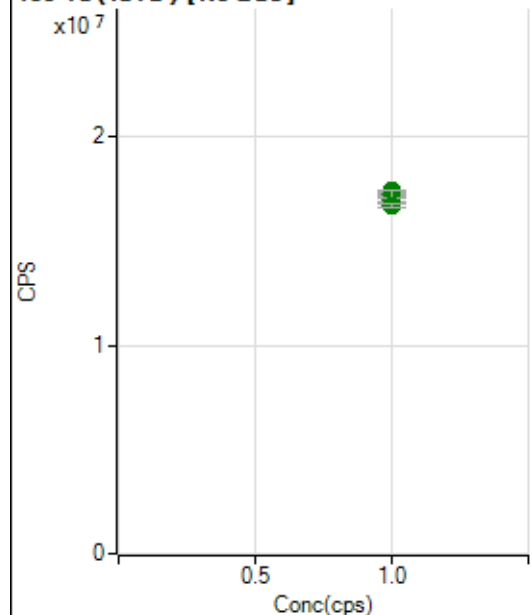
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7023414.27		A	1.1
2	☐	1.000		7083891.35		A	0.6
3	☐	1.000		6931913.85		A	0.8
4	☐	1.000		6717078.31		A	0.4
5	☐	1.000		6648893.79		A	1.0
6	☐	1.000		6636271.71		A	0.2
7	☐	1.000		6759514.14		A	1.5
8	☐	1.000		6072237.83		M	1.1

115 In (ISTD) [No Gas]

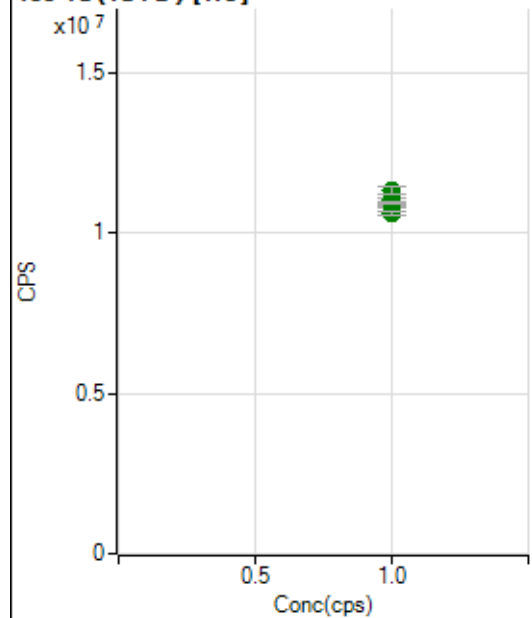
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12802108.36		A	0.3
2	☐	1.000		12720616.92		A	0.1
3	☐	1.000		12552915.03		A	0.2
4	☐	1.000		12514750.93		A	1.0
5	☐	1.000		12047947.13		A	0.6
6	☐	1.000		12149326.52		A	0.9
7	☐	1.000		11881285.61		A	2.7
8	☐	1.000		11651193.19		A	0.3

115 In (ISTD) [He]

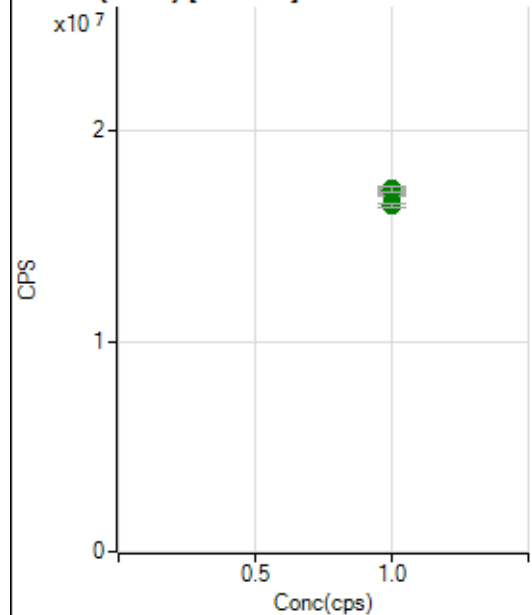
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3873767.24		P	0.5
2	☐	1.000		3901944.03		P	0.7
3	☐	1.000		3861348.66		P	0.3
4	☐	1.000		3777439.05		P	0.1
5	☐	1.000		3708719.44		P	0.4
6	☐	1.000		3725531.74		P	0.3
7	☐	1.000		3788032.61		P	2.3
8	☐	1.000		3613311.01		P	0.9

159 Tb (ISTD) [No Gas]

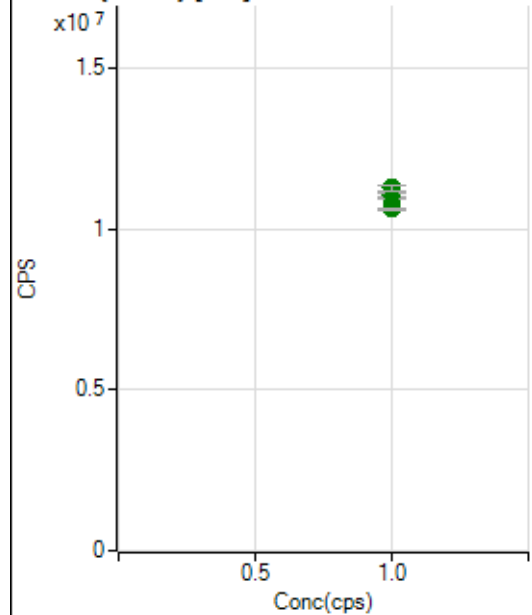
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17328247.80		A	1.8
2	☐	1.000		17250141.82		A	0.5
3	☐	1.000		17153264.88		A	0.1
4	☐	1.000		17299850.57		A	1.1
5	☐	1.000		16999862.94		A	0.9
6	☐	1.000		17410071.83		A	0.5
7	☐	1.000		17233962.24		A	2.4
8	☐	1.000		16706328.36		A	0.9

159 Tb (ISTD) [He]

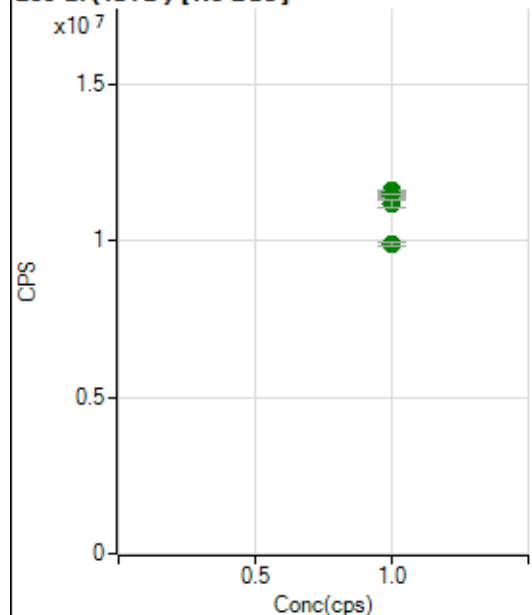
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10877465.74		A	1.1
2	☐	1.000		11017072.75		A	1.1
3	☐	1.000		10903246.71		A	1.5
4	☐	1.000		10877634.84		A	0.3
5	☐	1.000		10889489.42		A	0.5
6	☐	1.000		10948317.48		A	0.3
7	☐	1.000		11310425.94		A	2.0
8	☐	1.000		10624783.66		A	0.8

165 Ho (ISTD) [No Gas]

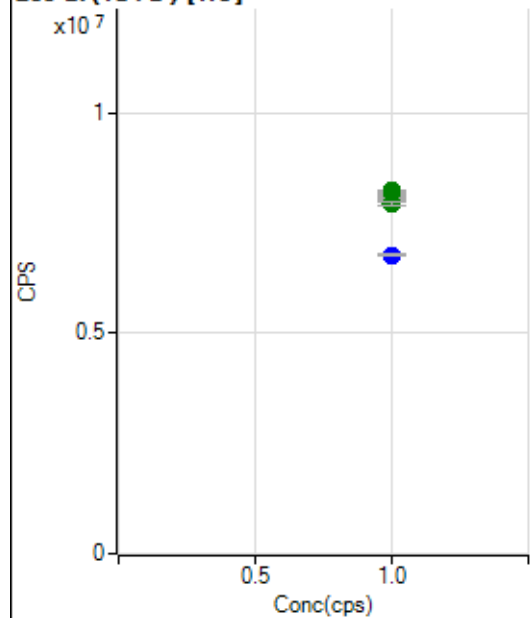
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17091796.69		A	0.8
2	☐	1.000		16981167.66		A	0.3
3	☐	1.000		16934310.72		A	0.5
4	☐	1.000		16994715.30		A	1.0
5	☐	1.000		16971299.33		A	0.2
6	☐	1.000		17269190.58		A	0.3
7	☐	1.000		17252707.24		A	1.6
8	☐	1.000		16504649.75		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11001104.63		A	0.4
2	☐	1.000		11033035.25		A	1.2
3	☐	1.000		10934364.98		A	0.2
4	☐	1.000		10973164.42		A	0.1
5	☐	1.000		10969923.86		A	0.1
6	☐	1.000		11145634.00		A	0.8
7	☐	1.000		11279653.17		A	1.7
8	☐	1.000		10613483.87		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11592408.72		A	0.6
2	☐	1.000		11545463.72		A	0.4
3	☐	1.000		11449437.19		A	1.2
4	☐	1.000		11527225.52		A	1.3
5	☐	1.000		11370340.52		A	1.0
6	☐	1.000		11418143.02		A	1.0
7	☐	1.000		11176491.50		A	2.5
8	☐	1.000		9886187.42		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8162739.95		A	0.6
2	☐	1.000		8237006.61		A	0.3
3	☐	1.000		8145614.60		A	0.2
4	☐	1.000		8088127.52		A	0.5
5	☐	1.000		8074902.66		A	0.8
6	☐	1.000		8053743.70		A	1.0
7	☐	1.000		7943205.79		A	1.5
8	☐	1.000		6784670.46		P	0.6