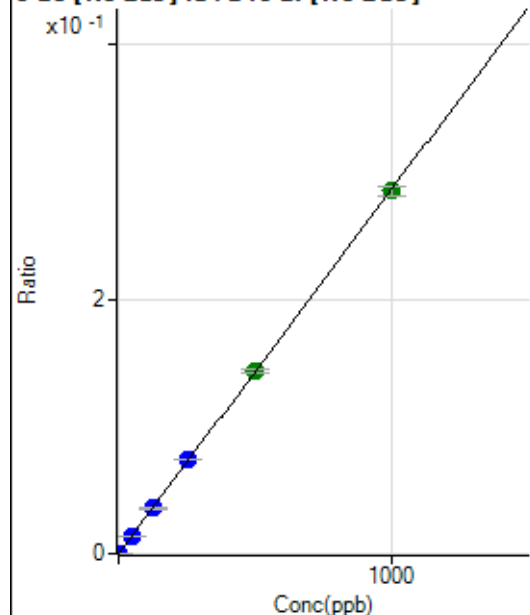


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8091621MS.b\
Analysis File: P8091621MS.batch.bin
DA Date-Time: 2021-11-02 15:33:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2021-09-16 12:16:28
2	007CALS.d	S02	2021-09-16 12:19:32
3	008CALS.d	S03	2021-09-16 12:22:37
4	009CALS.d	S04	2021-09-16 12:25:41
5	010CALS.d	S05	2021-09-16 12:28:46
6	011CALS.d	S06	2021-09-16 12:31:50
7	013CALS.d	S07	2021-09-16 12:37:58
8	014CALS.d	S08	2021-09-16 12:41:04

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.32	0.0000	P	9.4
2	☐	1.000	1.018	3279.06	0.0003	P	3.0
3	☐	50.000	49.634	160500.44	0.0142	P	1.0
4	☐	125.000	125.282	396700.03	0.0359	P	2.6
5	☐	250.000	258.909	787496.92	0.0741	P	0.5
6	☐	500.000	503.195	1521599.84	0.1441	A	2.1
7	☐	1000.000	996.158	2967702.51	0.2852	A	2.4
8	☐			312.61	0.0000	P	19.7

$$y = 2.8634\text{E-}004 * x + 2.6376\text{E-}006$$

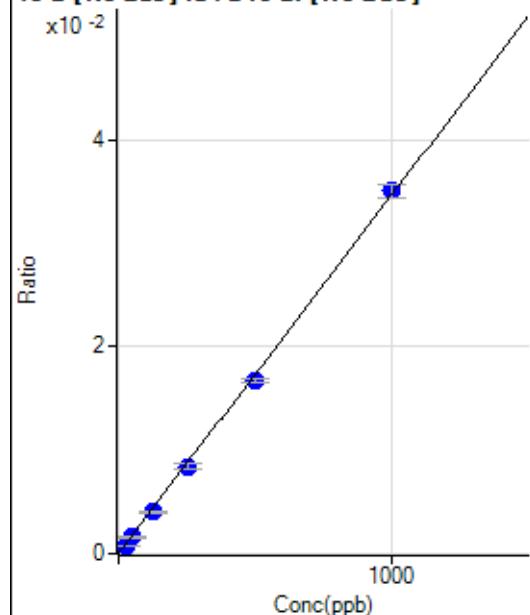
$$R = 0.9999$$

$$DL = 0.002593$$

$$BEC = 0.009212$$

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	407.93	0.0000	P	6.4
2	☐	25.000	21.618	8758.23	0.0008	P	3.9
3	☐	50.000	45.448	18170.29	0.0016	P	5.0
4	☐	125.000	114.836	44321.56	0.0040	P	6.6
5	☐	250.000	242.856	89642.06	0.0084	P	5.1
6	☐	500.000	482.630	176818.76	0.0167	P	1.6
7	☐	1000.000	1012.054	364729.92	0.0351	P	3.8
8	☐			31361.17	0.0032	P	13.2

$$y = 3.4605\text{E-}005 * x + 3.6637\text{E-}005$$

$$R = 0.9997$$

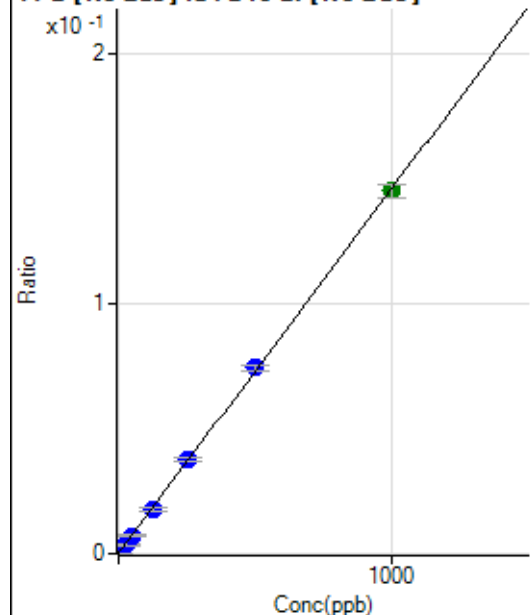
$$DL = 0.2033$$

$$BEC = 1.059$$

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	1727.10	0.0002	P	2.1
2	☐	25.000	22.796	38788.69	0.0035	P	2.9
3	☐	50.000	48.256	81116.13	0.0072	P	3.9
4	☐	125.000	120.172	195131.52	0.0177	P	6.7
5	☐	250.000	256.895	398990.02	0.0376	P	5.3
6	☐	500.000	508.619	784210.20	0.0742	P	2.8
7	☐	1000.000	994.713	1508664.78	0.1450	A	3.9
8	☐			139820.56	0.0142	P	13.0

$$y = 1.4564E-004 * x + 1.5518E-004$$

$$R = 0.9999$$

$$DL = 0.06642$$

$$BEC = 1.066$$

Weight: <None>

Min Conc: 0

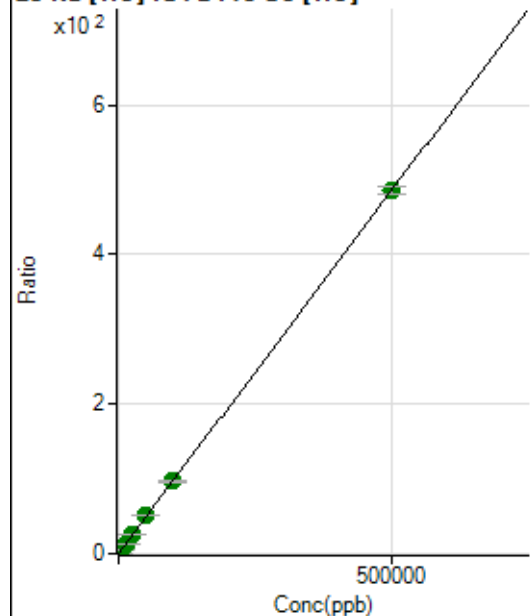
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4817691.95		A	0.6
2	☐			4860697.81		A	0.9
3	☐			5124161.70		A	1.0
4	☐			5431157.46		A	2.5
5	☐			5787989.32		A	1.9
6	☐			6374015.33		A	2.6
7	☐			6915620.08		A	3.6
8	☐			5491261.71		A	2.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53286.04		P	1.4
2	☐			52628.36		P	1.5
3	☐			57169.96		P	0.8
4	☐			62619.86		P	0.2
5	☐			68749.76		P	1.1
6	☐			75960.25		P	0.7
7	☐			82246.70		P	1.0
8	☐			71518.85		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15489.12	0.0411	P	3.2
2	☐	500.000	503.512	211362.92	0.5298	P	2.1
3	☐	5000.000	4969.421	1932323.00	4.8644	A	0.8
4	☐	12500.000	12311.546	4721782.22	11.9907	A	3.4
5	☐	25000.000	26173.469	9502335.89	25.4452	A	0.3
6	☐	50000.000	52025.578	18703120.21	50.5374	A	1.4
7	☐	100000.00	100273.29	37214924.79	97.3669	A	2.7
8	☐	500000.00	499689.12	187539018.0	485.0424	A	1.9

$$y = 9.7061E-004 * x + 0.0411$$

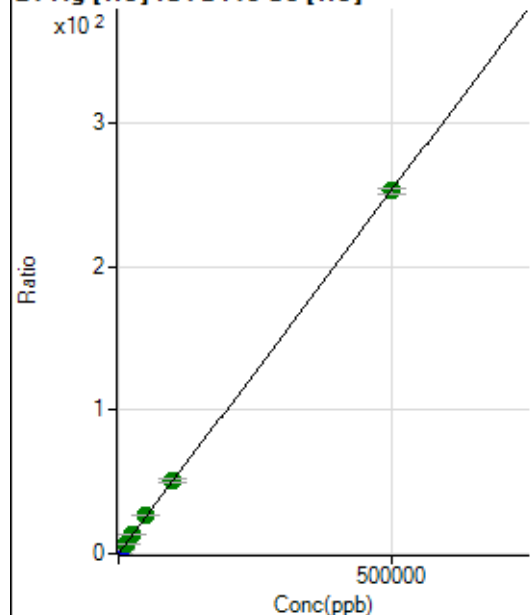
$$R = 1.0000$$

$$DL = 4$$

$$BEC = 42.31$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0006	P	14.0
2	☐	500.000	506.728	102529.34	0.2570	P	2.5
3	☐	5000.000	5109.046	1027082.41	2.5858	P	2.0
4	☐	12500.000	12732.302	2537606.57	6.4431	A	2.5
5	☐	25000.000	26739.266	5052796.47	13.5305	A	0.6
6	☐	50000.000	52904.644	9906361.42	26.7701	A	2.2
7	☐	100000.00	100823.87	19497730.64	51.0170	A	3.3
8	☐	500000.00	499450.89	97718195.93	252.7202	A	1.7

$$y = 5.0599\text{E-}004 * x + 6.0441\text{E-}004$$

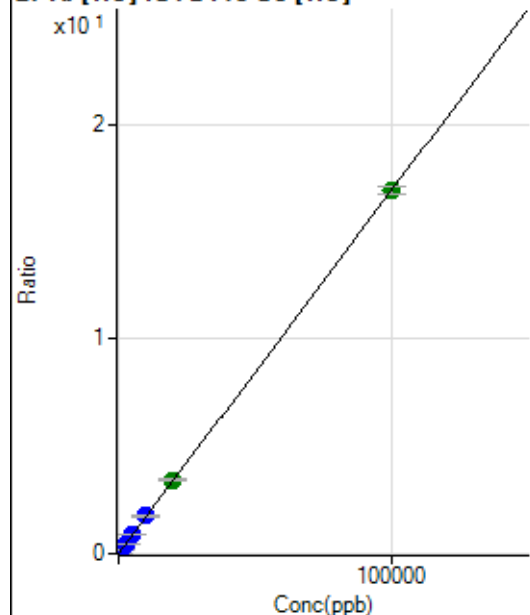
$$R = 1.0000$$

$$DL = 0.5025$$

$$BEC = 1.194$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.74	0.0003	P	1.9
2	☐	20.000	19.874	1456.98	0.0037	P	2.4
3	☐	1000.000	1000.922	67406.91	0.1697	P	1.6
4	☐	2500.000	2511.276	167469.95	0.4253	P	3.8
5	☐	5000.000	5275.793	333516.11	0.8932	P	1.7
6	☐	10000.000	10384.766	650564.15	1.7579	P	1.7
7	☐	20000.000	20331.437	1315474.38	3.4414	A	2.7
8	☐	100000.00	99881.155	6536303.18	16.9055	A	2.2

$$y = 1.6925\text{E-}004 * x + 2.8812\text{E-}004$$

$$R = 1.0000$$

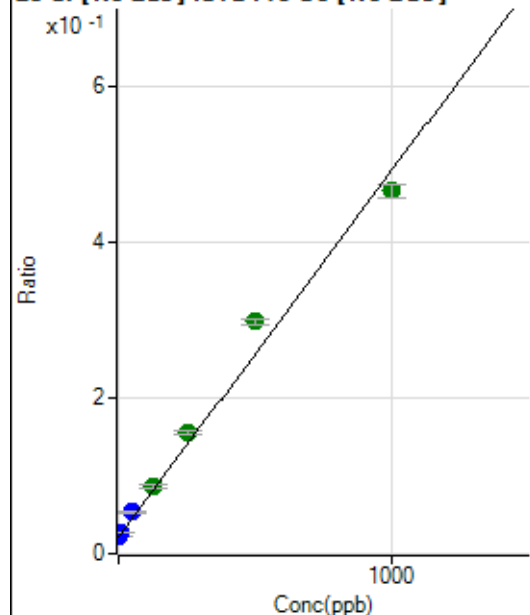
$$DL = 0.09579$$

$$BEC = 1.702$$

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	272139.54	0.0215	P	1.6
2	☐	10.000	12.168	350752.72	0.0273	P	2.9
3	☐	50.000	67.253	686735.87	0.0532	P	2.5
4	☐	125.000	135.971	1084670.84	0.0855	A	5.7
5	☐	250.000	285.268	1889315.84	0.1557	A	4.2
6	☐	500.000	587.262	3649506.03	0.2978	A	2.7
7	☐	1000.000	945.296	5794663.41	0.4663	A	3.5
8	☐			802126.70	0.0680	P	2.2

$$y = 4.7048\text{E-}004 * x + 0.0215$$

$$R = 0.9934$$

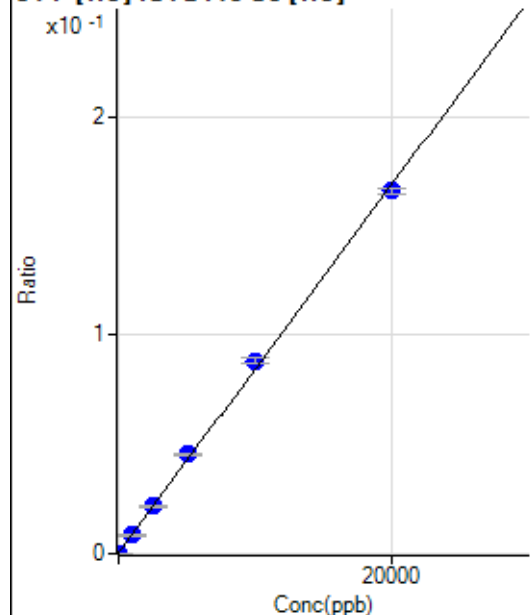
$$DL = 2.185$$

$$BEC = 45.77$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.729	119.45	0.0003	P	40.9
2	☐	0.000	-1.729	113.89	0.0003	P	23.7
3	☐	1000.000	968.592	3364.38	0.0085	P	5.1
4	☐	2500.000	2547.684	8580.53	0.0218	P	2.1
5	☐	5000.000	5364.892	17002.01	0.0455	P	2.9
6	☐	10000.000	10462.729	32757.16	0.0885	P	3.5
7	☐	20000.000	19673.022	63525.88	0.1662	P	1.9
8	☐			130.56	0.0003	P	11.2

$$y = 8.4327\text{E-}006 * x + 3.0068\text{E-}004$$

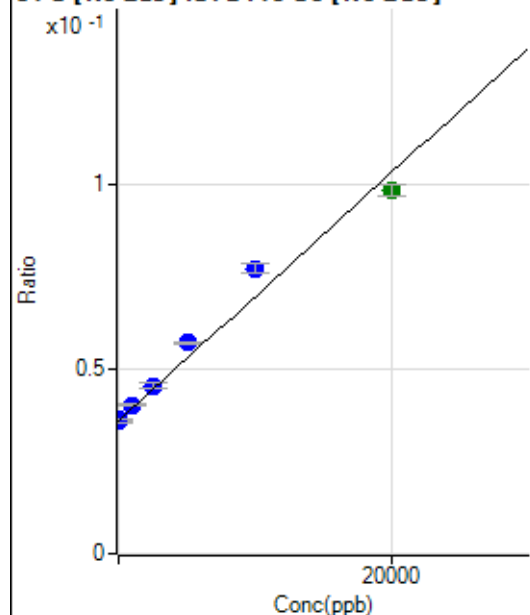
$$R = 0.9994$$

$$DL = 35.02$$

$$BEC = 35.66$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	57.763	458641.15	0.0363	P	1.3
2	☐	0.000	-57.763	462015.82	0.0359	P	2.1
3	☐	1000.000	1275.176	521747.14	0.0404	P	0.4
4	☐	2500.000	2796.442	577759.78	0.0455	P	3.0
5	☐	5000.000	6274.504	694487.72	0.0572	P	0.8
6	☐	10000.000	12268.666	948099.05	0.0774	P	3.6
7	☐	20000.000	18496.227	1223083.19	0.0984	A	3.1
8	☐			377609.71	0.0320	P	2.0

$$y = 3.3692E-006 * x + 0.0361$$

$$R = 0.9873$$

$$DL = 552.2$$

$$BEC = 1.071E+04$$

Weight: <None>

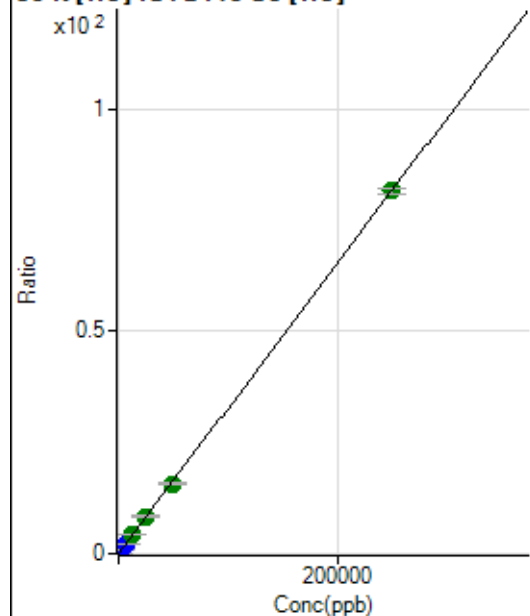
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			311876.84		P	1.2
2	☐			316585.09		P	0.6
3	☐			301132.34		P	0.8
4	☐			294690.30		P	0.5
5	☐			282592.68		P	1.3
6	☐			275244.97		P	1.4
7	☐			300592.35		P	1.1
8	☐			254130.07		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1955.75		P	6.6
2	☐			2216.89		P	1.0
3	☐			1925.17		P	8.9
4	☐			1816.83		P	8.8
5	☐			1811.28		P	4.9
6	☐			1725.15		P	2.1
7	☐			1961.29		P	3.9
8	☐			1741.82		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10734.81	0.0285	P	2.7
2	☐	500.000	475.148	73194.11	0.1835	P	2.2
3	☐	2500.000	2486.512	333525.00	0.8396	P	1.1
4	☐	6250.000	6189.218	806381.02	2.0476	P	2.7
5	☐	12500.000	12891.937	1580981.83	4.2342	A	1.6
6	☐	25000.000	25566.306	3096869.08	8.3689	A	2.5
7	☐	50000.000	48321.885	6036823.83	15.7924	A	1.2
8	☐	250000.00	250261.10	31582451.05	81.6707	A	1.3

$$y = 3.2623\text{E-}004 * x + 0.0285$$

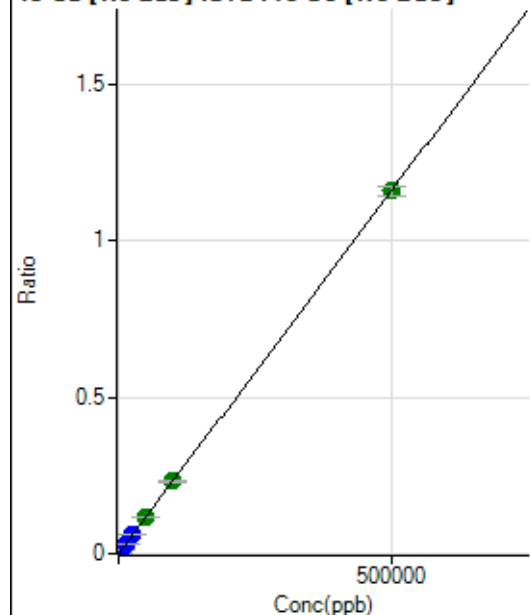
$$R = 1.0000$$

$$DL = 7.166$$

$$BEC = 87.23$$

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	336.29	0.0000	P	1.5
2	☐	500.000	489.298	14926.30	0.0012	P	2.8
3	☐	5000.000	4899.688	146928.60	0.0114	P	1.3
4	☐	12500.000	12295.713	361792.26	0.0285	P	3.5
5	☐	25000.000	25836.729	726459.35	0.0599	P	1.2
6	☐	50000.000	50954.007	1446006.92	0.1180	A	1.7
7	☐	100000.00	99794.653	2873751.01	0.2312	A	1.8
8	☐	500000.00	499909.95	13658414.60	1.1579	A	2.5

$$y = 2.3162\text{E-}006 * x + 2.6608\text{E-}005$$

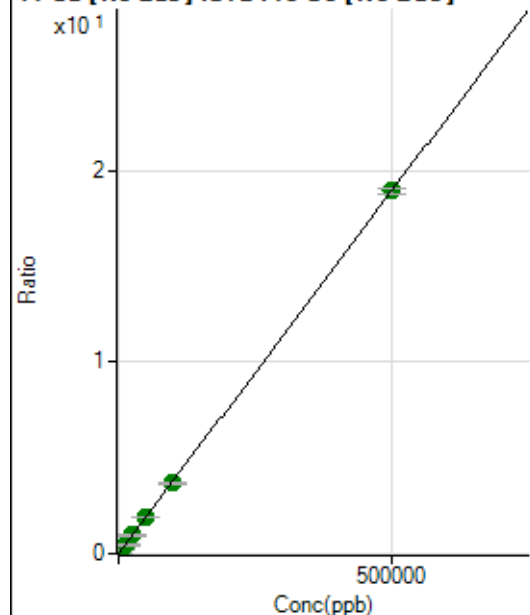
$$R = 1.0000$$

$$DL = 0.5271$$

$$BEC = 11.49$$

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	19520.23	0.0015	P	2.0
2	☐	500.000	485.651	256039.94	0.0199	P	2.5
3	☐	5000.000	4805.503	2365513.89	0.1831	A	1.2
4	☐	12500.000	12037.762	5794224.25	0.4564	A	2.8
5	☐	25000.000	25285.270	11611670.43	0.9570	A	2.0
6	☐	50000.000	49418.481	22898159.06	1.8690	A	0.5
7	☐	100000.00	97343.518	45741011.04	3.6800	A	2.4
8	☐	500000.00	500588.70	223180464.6	18.9182	A	1.8

$$y = 3.7789\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

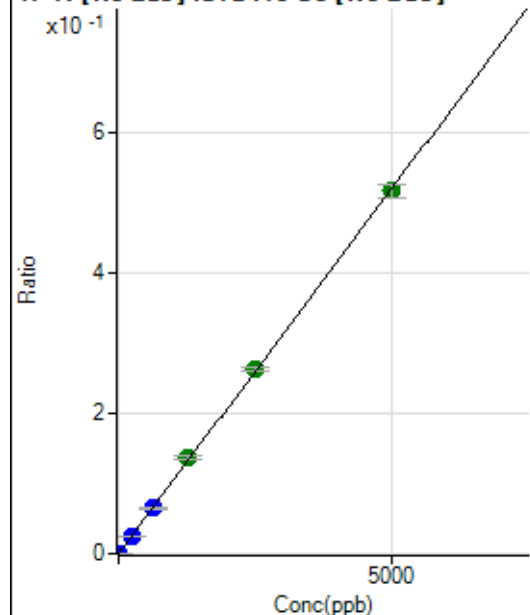
$$DL = 2.484$$

$$BEC = 40.87$$

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	172.23	0.0000	P	40.8
2	☐	5.000	4.789	6585.05	0.0005	P	5.8
3	☐	250.000	249.787	335764.25	0.0260	P	0.4
4	☐	625.000	629.459	831082.86	0.0655	P	3.5
5	☐	1250.000	1310.371	1653505.75	0.1363	A	3.6
6	☐	2500.000	2520.457	3210810.83	0.2622	A	2.0
7	☐	5000.000	4974.132	6429242.81	0.5174	A	3.7
8	☐			2458.62	0.0002	P	5.0

$$y = 1.0401\text{E-}004 * x + 1.3673\text{E-}005$$

$$R = 0.9999$$

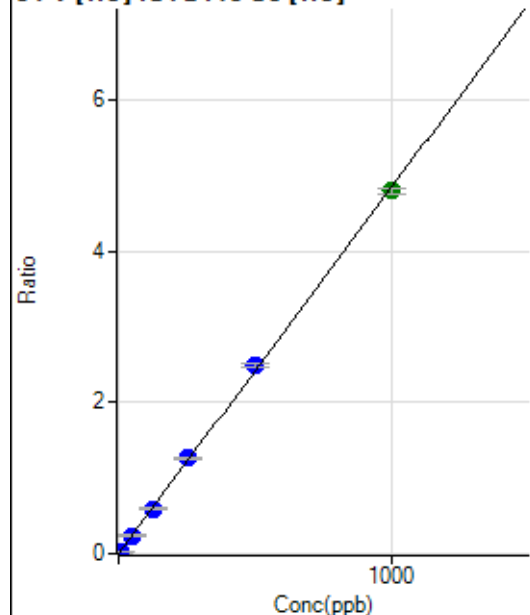
$$DL = 0.1608$$

$$BEC = 0.1315$$

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	13.34	0.0000	P	42.6
2	☐	5.000	5.098	9877.93	0.0248	P	4.7
3	☐	50.000	49.737	95821.49	0.2412	P	1.5
4	☐	125.000	122.568	234064.63	0.5944	P	3.4
5	☐	250.000	260.350	471364.88	1.2626	P	2.8
6	☐	500.000	514.703	923676.59	2.4960	P	2.0
7	☐	1000.000	990.377	1835892.04	4.8027	A	1.6
8	☐			271.12	0.0007	P	12.8

$$y = 0.0048 * x + 3.5233\text{E-}005$$

$$R = 0.9998$$

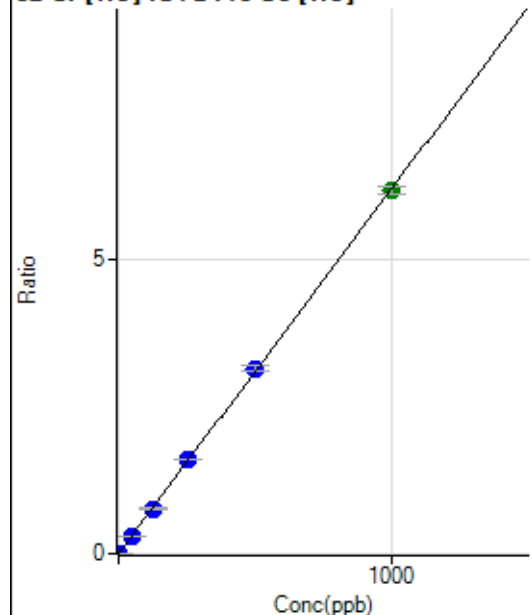
$$DL = 0.009284$$

$$BEC = 0.007265$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	765.58	0.0020	P	5.4
2	☐	2.000	1.989	5716.75	0.0143	P	3.5
3	☐	50.000	49.362	122048.46	0.3072	P	1.2
4	☐	125.000	122.546	299183.41	0.7598	P	3.3
5	☐	250.000	257.585	595474.24	1.5948	P	1.3
6	☐	500.000	507.192	1161201.53	3.1381	P	2.9
7	☐	1000.000	994.846	2351941.18	6.1535	A	2.2
8	☐			5318.81	0.0138	P	2.9

$$y = 0.0062 * x + 0.0020$$

$$R = 0.9999$$

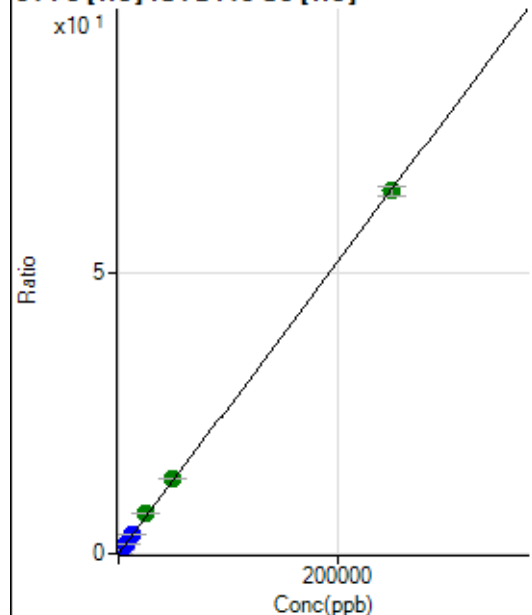
$$DL = 0.05365$$

$$BEC = 0.3283$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0008	P	11.6
2	☐	50.000	55.560	6042.10	0.0151	P	3.0
3	☐	2500.000	2598.545	267408.33	0.6732	P	0.5
4	☐	6250.000	6495.451	662149.68	1.6815	P	3.4
5	☐	12500.000	13657.272	1319681.41	3.5347	P	2.7
6	☐	25000.000	27649.536	2647793.35	7.1553	A	2.4
7	☐	50000.000	51679.071	5112422.28	13.3731	A	0.8
8	☐	250000.00	249334.24	24943261.90	64.5178	A	2.5

$$y = 2.5876E-004 * x + 7.6648E-004$$

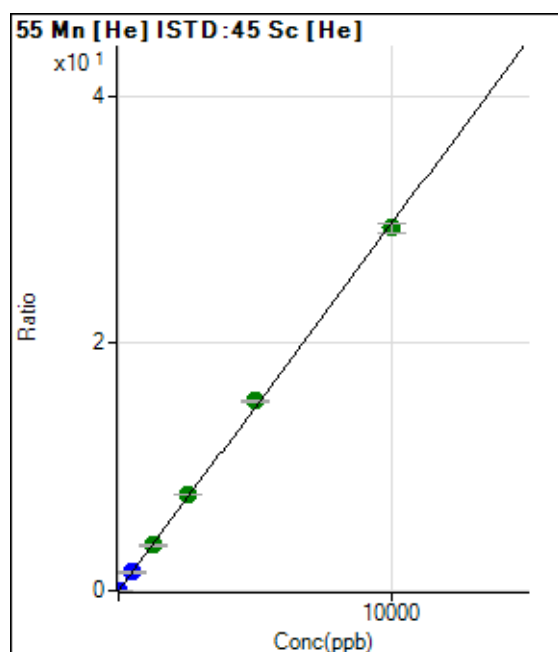
$$R = 0.9999$$

$$DL = 1.033$$

$$BEC = 2.962$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0001	P	14.6
2	☐	1.000	1.040	1265.62	0.0032	P	1.2
3	☐	500.000	498.543	588063.93	1.4804	P	1.0
4	☐	1250.000	1244.165	1454418.75	3.6944	A	4.5
5	☐	2500.000	2620.317	2905060.02	7.7806	A	1.9
6	☐	5000.000	5171.748	5683250.68	15.3566	A	1.3
7	☐	10000.000	9884.849	11218056.36	29.3512	A	2.4
8	☐			10451.70	0.0270	P	0.9

$$y = 0.0030 * x + 8.2314E-005$$

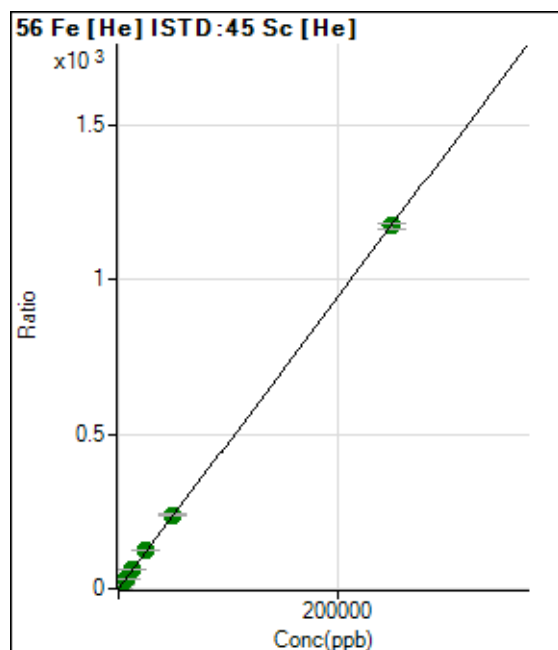
$$R = 0.9997$$

$$DL = 0.01211$$

$$BEC = 0.02772$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1939.06	0.0051	P	11.0
2	☐	50.000	51.332	98407.46	0.2467	P	2.7
3	☐	2500.000	2556.347	4780265.33	12.0339	A	1.2
4	☐	6250.000	6400.137	11859922.26	30.1206	A	3.7
5	☐	12500.000	13337.474	23435681.54	62.7638	A	1.6
6	☐	25000.000	26561.201	46253541.31	124.9872	A	1.9
7	☐	50000.000	50682.746	91154587.22	238.4896	A	2.1
8	☐	250000.00	249661.14	454230887.9	1,174.770	A	1.8

$$y = 0.0047 * x + 0.0051$$

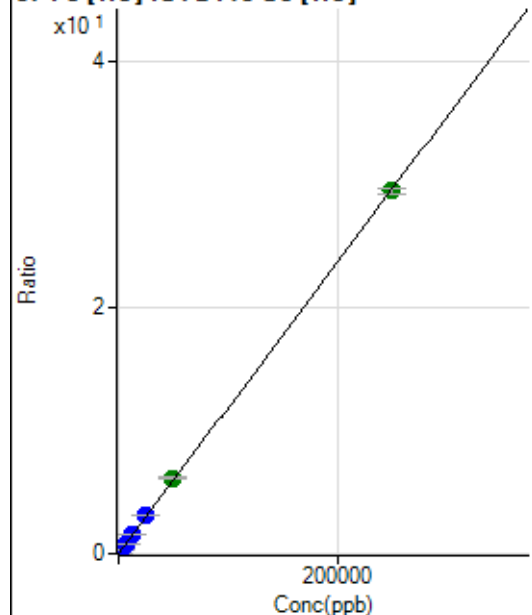
$$R = 1.0000$$

$$DL = 0.3625$$

$$BEC = 1.093$$

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	38.89	0.0001	P	44.2
2	☐	50.000	50.390	2420.62	0.0061	P	3.7
3	☐	2500.000	2546.645	119797.34	0.3016	P	0.9
4	☐	6250.000	6446.743	300588.35	0.7633	P	3.0
5	☐	12500.000	13401.166	592352.19	1.5865	P	1.9
6	☐	25000.000	26524.500	1161952.73	3.1400	P	2.4
7	☐	50000.000	52061.341	2355361.19	6.1630	A	2.9
8	☐	250000.00	249384.83	11415320.86	29.5216	A	1.5

$$y = 1.1838E-004 * x + 1.0357E-004$$

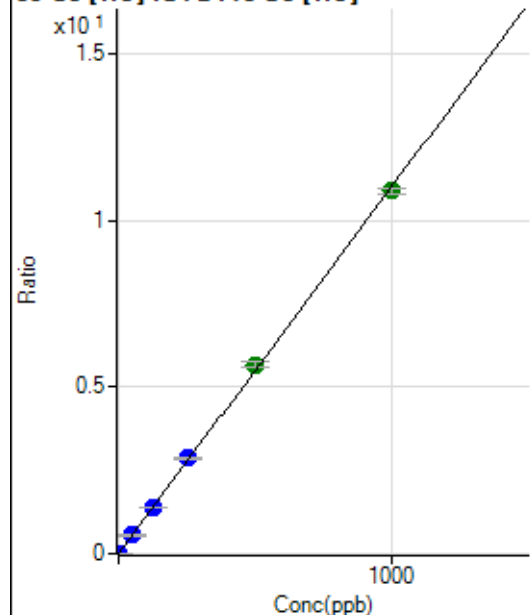
$$R = 0.9999$$

$$DL = 1.16$$

$$BEC = 0.8749$$

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	64.45	0.0002	P	36.3
2	☐	1.000	1.012	4510.76	0.0113	P	6.0
3	☐	50.000	49.821	218000.96	0.5488	P	0.1
4	☐	125.000	125.530	544392.82	1.3824	P	3.2
5	☐	250.000	261.068	1073412.19	2.8749	P	1.9
6	☐	500.000	515.772	2101625.54	5.6796	A	2.8
7	☐	1000.000	989.290	4163993.23	10.8937	A	1.8
8	☐			9942.44	0.0257	P	3.3

$$y = 0.0110 * x + 1.7116E-004$$

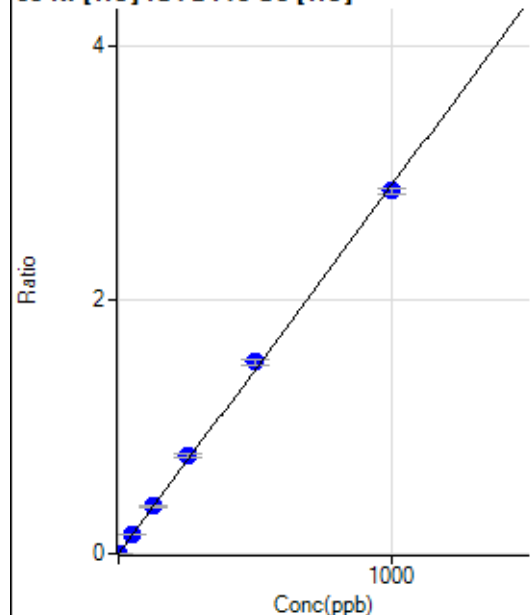
$$R = 0.9997$$

$$DL = 0.01694$$

$$BEC = 0.01554$$

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	45.56	0.0001	P	28.5
2	☐	1.000	1.073	1291.18	0.0032	P	2.8
3	☐	50.000	51.232	59122.16	0.1488	P	1.1
4	☐	125.000	128.113	146495.70	0.3720	P	3.0
5	☐	250.000	266.712	289087.27	0.7743	P	2.6
6	☐	500.000	519.891	558516.19	1.5092	P	2.5
7	☐	1000.000	985.426	1093416.63	2.8606	P	1.7
8	☐			3404.89	0.0088	P	4.7

$$y = 0.0029 * x + 1.2093E-004$$

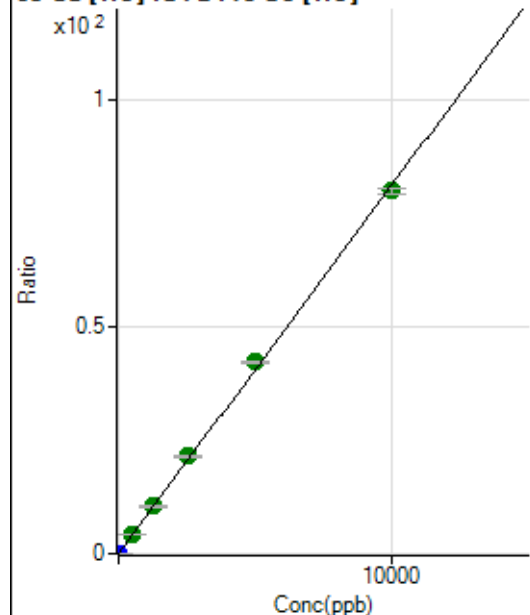
$$R = 0.9995$$

$$DL = 0.03559$$

$$BEC = 0.04166$$

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	665.58	0.0018	P	7.1
2	☐	2.000	1.986	7115.18	0.0178	P	6.0
3	☐	500.000	520.537	1674886.47	4.2165	A	1.7
4	☐	1250.000	1279.872	4081446.46	10.3649	A	3.3
5	☐	2500.000	2655.845	8029946.76	21.5061	A	1.7
6	☐	5000.000	5204.140	15595814.91	42.1396	A	1.0
7	☐	10000.000	9854.208	30500643.99	79.7912	A	1.5
8	☐			7874.48	0.0204	P	2.7

$$y = 0.0081 * x + 0.0018$$

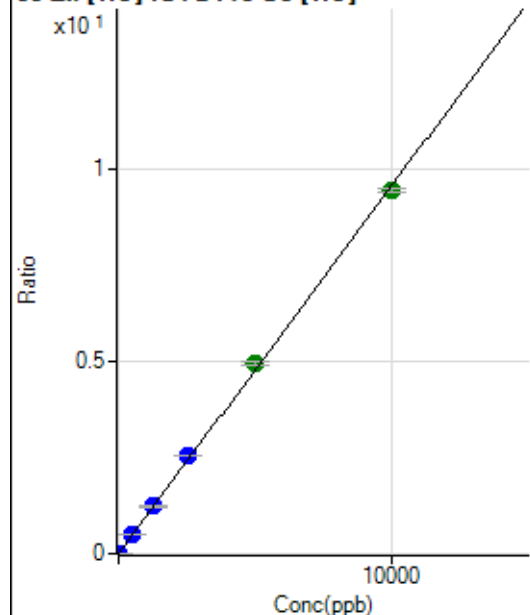
$$R = 0.9995$$

$$DL = 0.04612$$

$$BEC = 0.218$$

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	248.89	0.0007	P	18.4
2	☐	2.000	2.439	1193.40	0.0030	P	6.6
3	☐	500.000	514.490	195686.39	0.4926	P	1.5
4	☐	1250.000	1283.498	483616.00	1.2280	P	2.7
5	☐	2500.000	2671.826	954280.42	2.5556	P	1.1
6	☐	5000.000	5169.112	1829306.59	4.9436	A	2.6
7	☐	10000.000	9867.576	3607259.56	9.4364	A	1.1
8	☐			10117.03	0.0262	P	0.9

$$y = 9.5624\text{E-}004 * x + 6.6090\text{E-}004$$

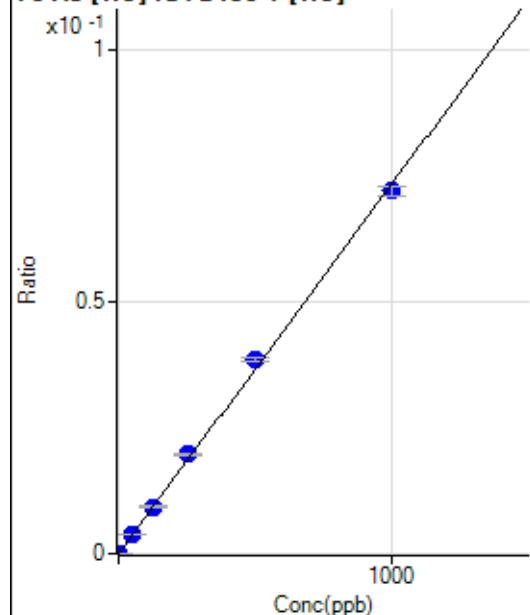
$$R = 0.9996$$

$$DL = 0.3814$$

$$BEC = 0.6911$$

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	5.00	0.0000	P	21.5
2	☐	1.000	1.050	227.36	0.0001	P	6.2
3	☐	50.000	50.596	10758.51	0.0037	P	2.4
4	☐	125.000	125.751	26700.13	0.0092	P	3.2
5	☐	250.000	268.508	53082.03	0.0197	P	1.2
6	☐	500.000	525.185	103772.47	0.0385	P	2.1
7	☐	1000.000	982.657	203099.53	0.0721	P	2.3
8	☐			65.34	0.0000	P	14.5

$$y = 7.3366\text{E-}005 * x + 1.8268\text{E-}006$$

$$R = 0.9993$$

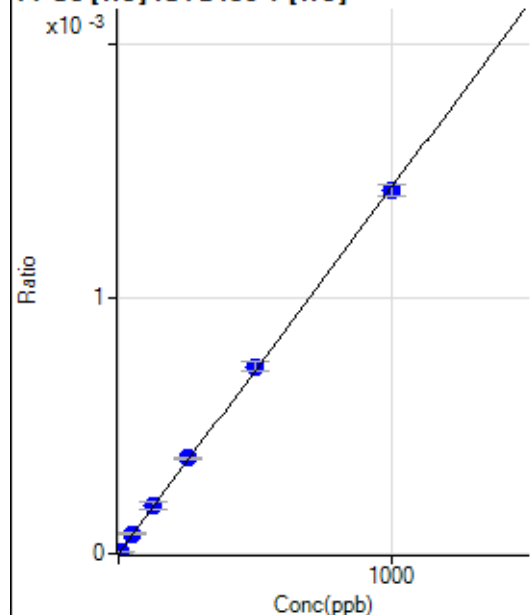
$$DL = 0.01608$$

$$BEC = 0.0249$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.234	18.89	0.0000	P	51.4
3	☐	50.000	53.344	223.34	0.0001	P	7.9
4	☐	125.000	130.294	542.24	0.0002	P	14.4
5	☐	250.000	261.208	1012.27	0.0004	P	1.3
6	☐	500.000	511.236	1979.05	0.0007	P	4.5
7	☐	1000.000	990.755	4010.62	0.0014	P	3.1
8	☐			1.11	0.0000	P	173.

$$y = 1.4366\text{E-}006 * x + 4.1066\text{E-}007$$

$$R = 0.9998$$

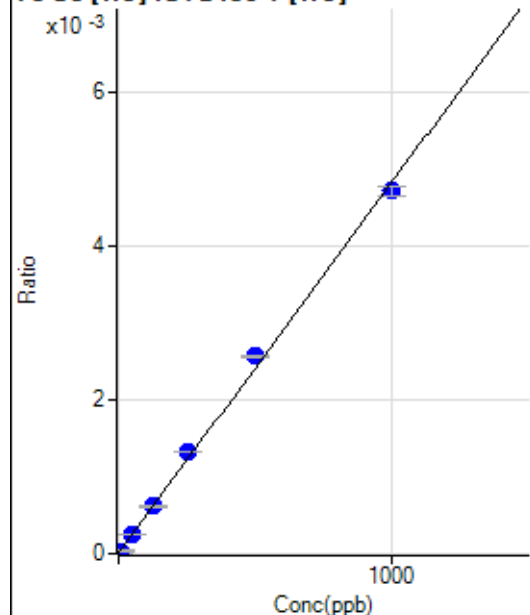
$$DL = 1.485$$

$$BEC = 0.2859$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.67	0.0000	P	32.3
2	☐	5.000	5.605	98.68	0.0000	P	20.2
3	☐	50.000	52.790	757.43	0.0003	P	0.4
4	☐	125.000	127.460	1796.30	0.0006	P	5.1
5	☐	250.000	273.972	3574.82	0.0013	P	1.6
6	☐	500.000	530.915	6905.73	0.0026	P	1.0
7	☐	1000.000	978.099	13289.61	0.0047	P	2.5
8	☐			33.67	0.0000	P	25.2

$$y = 4.8158\text{E-}006 * x + 7.1969\text{E-}006$$

$$R = 0.9989$$

$$DL = 1.449$$

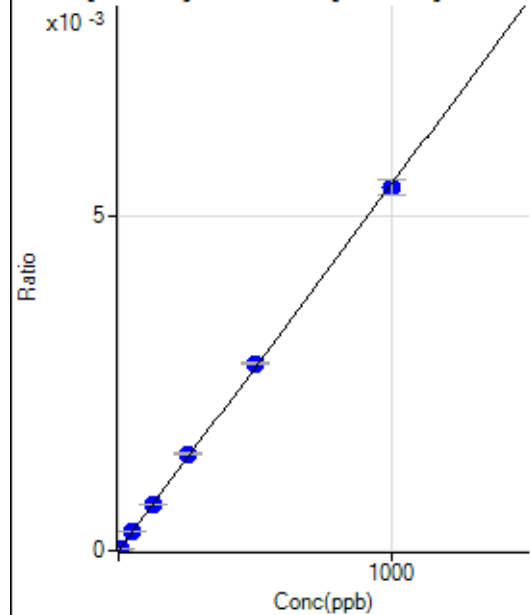
$$BEC = 1.494$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6484.87		P	2.6
2	☐			6558.34		P	1.5
3	☐			6191.09		P	4.9
4	☐			6201.17		P	3.9
5	☐			5944.07		P	7.0
6	☐			5910.66		P	7.1
7	☐			5583.53		P	2.5
8	☐			6074.21		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-36.01	0.0000	P	-66.
2	☐	5.000	5.159	764.05	0.0000	P	4.6
3	☐	50.000	51.848	8134.46	0.0003	P	1.5
4	☐	125.000	127.245	19929.91	0.0007	P	1.4
5	☐	250.000	264.461	39358.15	0.0014	P	2.9
6	☐	500.000	511.620	76128.74	0.0028	P	1.3
7	☐	1000.000	990.201	150552.45	0.0054	P	4.2
8	☐			-33.34	0.0000	P	-89.

$$y = 5.4825E-006 * x - 1.2900E-006$$

$$R = 0.9998$$

$$DL = 0.4706$$

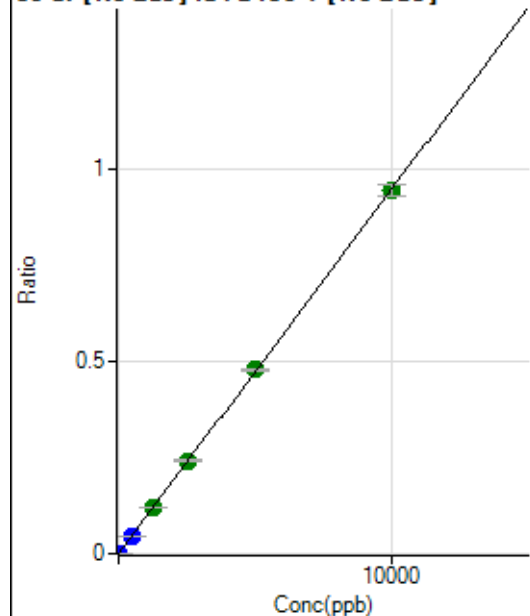
$$BEC = -0.2353$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			574.46		P	2.2
2	☐			561.13		P	2.8
3	☐			588.91		P	11.6
4	☐			535.57		P	6.0
5	☐			531.13		P	3.2
6	☐			611.13		P	10.7
7	☐			536.68		P	20.1
8	☐			620.02		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	883.38	0.0000	P	9.3
2	☐	1.000	1.139	3947.90	0.0001	P	5.6
3	☐	500.000	496.323	1353692.76	0.0471	P	0.1
4	☐	1250.000	1256.864	3411119.82	0.1192	A	2.2
5	☐	2500.000	2546.993	6563284.69	0.2415	A	1.5
6	☐	5000.000	5052.143	13007966.35	0.4790	A	0.7
7	☐	10000.000	9961.506	26204807.01	0.9445	A	3.0
8	☐			11688.50	0.0004	P	3.9

$$y = 9.4809E-005 * x + 3.1585E-005$$

$$R = 1.0000$$

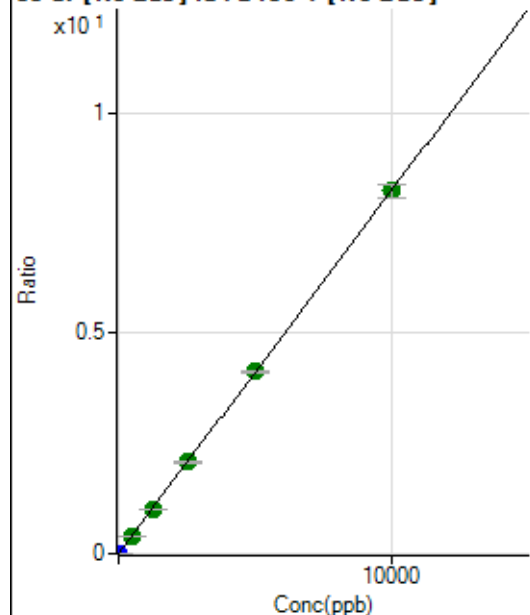
$$DL = 0.093$$

$$BEC = 0.3331$$

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	516.69	0.0000	P	15.0
2	☐	1.000	1.104	26278.13	0.0009	P	3.0
3	☐	500.000	486.512	11528630.64	0.4010	A	0.9
4	☐	1250.000	1226.519	28932410.72	1.0109	A	2.3
5	☐	2500.000	2529.678	56657661.68	2.0850	A	2.0
6	☐	5000.000	5008.373	112089396.9	4.1279	A	1.8
7	☐	10000.000	9992.003	228467932.8	8.2354	A	3.8
8	☐			93255.41	0.0035	P	3.0

$$y = 8.2420\text{E-}004 * x + 1.8478\text{E-}005$$

$$R = 1.0000$$

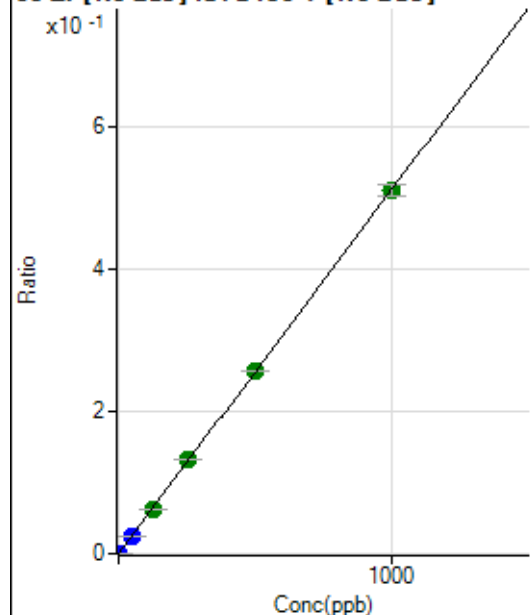
$$DL = 0.0101$$

$$BEC = 0.02242$$

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	1458.45	0.0001	P	3.6
2	☐	1.000	0.976	15595.27	0.0006	P	5.6
3	☐	50.000	49.784	733773.88	0.0255	P	0.7
4	☐	125.000	122.798	1799581.18	0.0629	A	2.1
5	☐	250.000	258.498	3596414.32	0.1323	A	1.6
6	☐	500.000	501.569	6970063.87	0.2567	A	0.8
7	☐	1000.000	997.377	14159518.89	0.5104	A	3.1
8	☐			4962.13	0.0002	P	2.7

$$y = 5.1164\text{E-}004 * x + 5.2053\text{E-}005$$

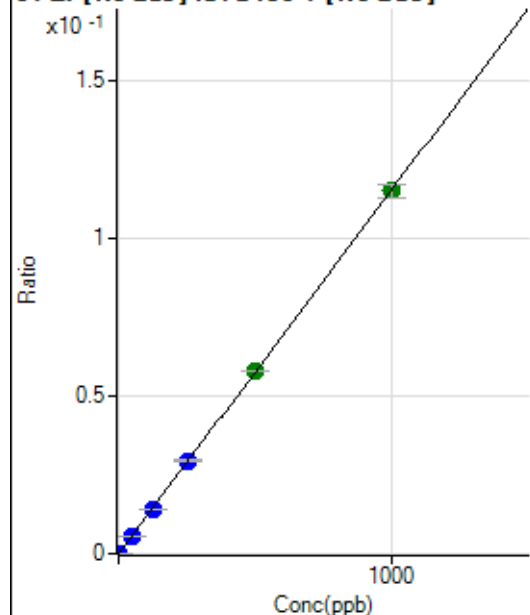
$$R = 0.9999$$

$$DL = 0.01107$$

$$BEC = 0.1017$$

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	305.57	0.0000	P	18.4
2	☐	1.000	0.886	3203.23	0.0001	P	1.2
3	☐	50.000	48.525	161287.57	0.0056	P	1.3
4	☐	125.000	121.322	401006.70	0.0140	P	1.5
5	☐	250.000	256.456	804432.35	0.0296	P	2.3
6	☐	500.000	501.784	1572602.90	0.0579	A	0.8
7	☐	1000.000	998.028	3195419.93	0.1152	A	3.4
8	☐			1144.52	0.0000	P	6.8

$$y = 1.1539E-004 * x + 1.0923E-005$$

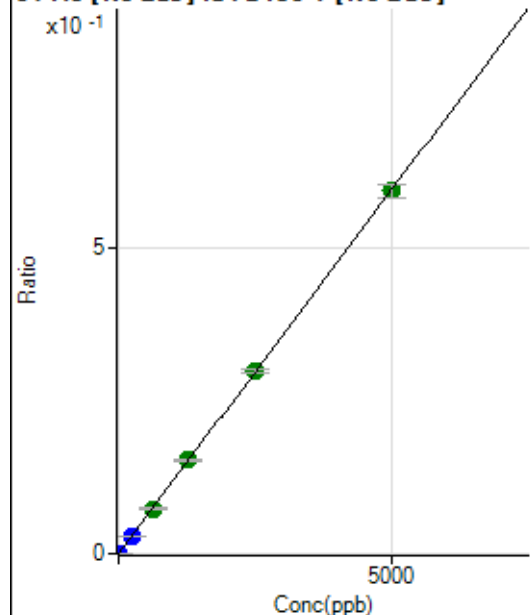
$$R = 1.0000$$

$$DL = 0.0522$$

$$BEC = 0.09466$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	461.13	0.0000	P	8.0
2	☐	5.000	5.027	17403.00	0.0006	P	2.4
3	☐	250.000	245.633	840393.31	0.0292	P	1.1
4	☐	625.000	616.719	2099705.47	0.0734	A	2.6
5	☐	1250.000	1285.512	4155127.48	0.1529	A	2.5
6	☐	2500.000	2509.642	8106187.24	0.2985	A	1.4
7	☐	5000.000	4987.555	16457494.64	0.5933	A	4.0
8	☐			5743.03	0.0002	P	10.3

$$y = 1.1895E-004 * x + 1.6478E-005$$

$$R = 1.0000$$

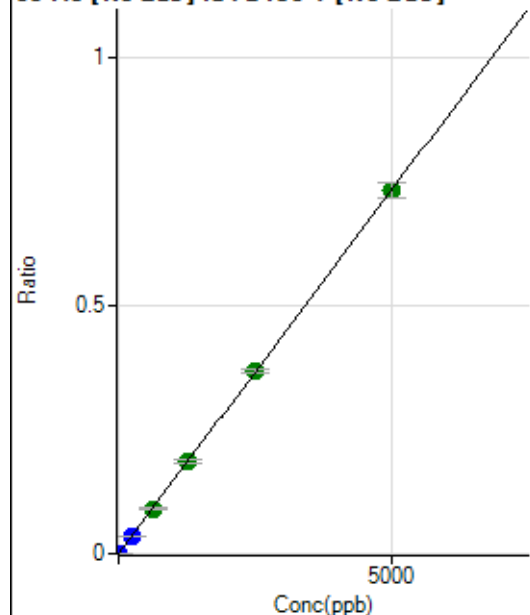
$$DL = 0.03314$$

$$BEC = 0.1385$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	26.5
2	☐	5.000	5.113	21275.21	0.0008	P	2.9
3	☐	250.000	242.583	1023277.22	0.0356	P	0.5
4	☐	625.000	613.441	2575548.60	0.0900	A	3.0
5	☐	1250.000	1270.344	5064035.49	0.1864	A	3.0
6	☐	2500.000	2510.634	10001962.47	0.3684	A	1.9
7	☐	5000.000	4991.413	20314768.51	0.7324	A	4.2
8	☐			6043.14	0.0002	P	11.6

$$y = 1.4672\text{E-}004 * x + 1.2890\text{E-}006$$

$$R = 1.0000$$

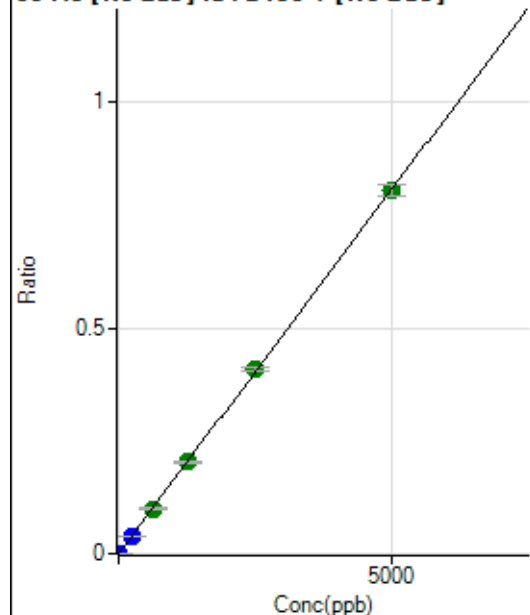
$$DL = 0.00699$$

$$BEC = 0.008785$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.78	0.0000	P	28.6
2	☐	5.000	5.076	23314.55	0.0008	P	3.2
3	☐	250.000	245.107	1136001.71	0.0395	P	0.8
4	☐	625.000	613.849	2831862.86	0.0990	A	2.3
5	☐	1250.000	1258.112	5509359.02	0.2028	A	3.6
6	☐	2500.000	2529.983	11073393.91	0.4078	A	1.7
7	☐	5000.000	4984.619	22292125.67	0.8035	A	3.3
8	☐			8416.63	0.0003	P	6.3

$$y = 1.6119\text{E-}004 * x + 5.4637\text{E-}006$$

$$R = 1.0000$$

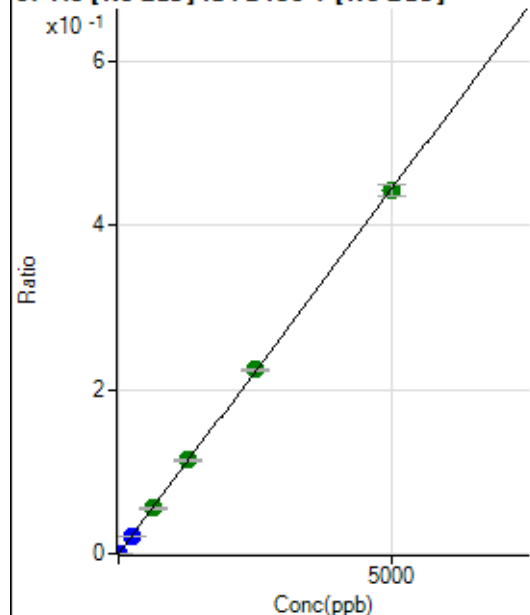
$$DL = 0.02907$$

$$BEC = 0.0339$$

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	19.44	0.0000	P	48.4
2	☐	5.000	5.259	13239.99	0.0005	P	1.9
3	☐	250.000	248.576	634554.02	0.0221	P	1.2
4	☐	625.000	622.625	1582152.78	0.0553	A	2.5
5	☐	1250.000	1288.546	3108902.67	0.1144	A	2.5
6	☐	2500.000	2524.250	6086547.66	0.2241	A	0.7
7	☐	5000.000	4978.607	12265565.81	0.4421	A	3.1
8	☐			3542.22	0.0001	P	6.7

$$y = 8.8796\text{E-}005 * x + 6.8969\text{E-}007$$

$$R = 0.9999$$

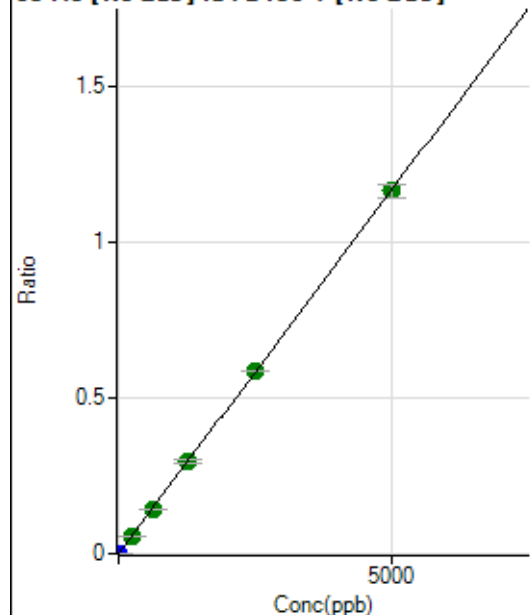
$$DL = 0.01128$$

$$BEC = 0.007767$$

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	55.56	0.0000	P	47.4
2	☐	5.000	5.104	33761.09	0.0012	P	4.7
3	☐	250.000	241.454	1620049.91	0.0564	A	1.2
4	☐	625.000	608.419	4063499.48	0.1420	A	2.6
5	☐	1250.000	1273.865	8076750.53	0.2973	A	3.5
6	☐	2500.000	2510.974	15913668.06	0.5860	A	0.3
7	☐	5000.000	4991.047	32315763.57	1.1648	A	3.5
8	☐			8589.00	0.0003	P	10.3

$$y = 2.3339\text{E-}004 * x + 1.9728\text{E-}006$$

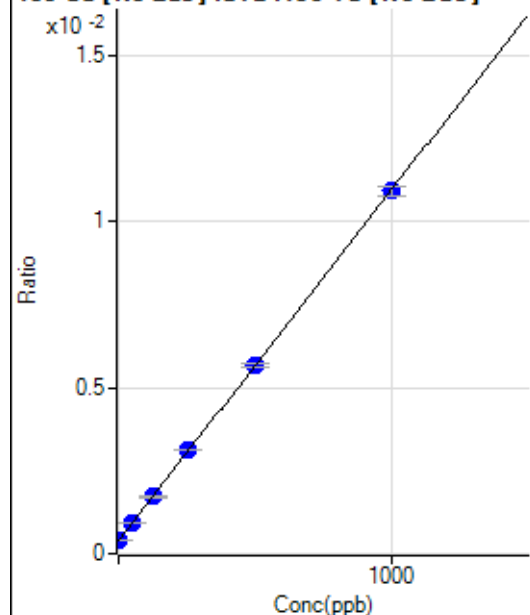
$$R = 1.0000$$

$$DL = 0.01203$$

$$BEC = 0.008453$$

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	8166.57	0.0004	P	6.2
2	☐	1.000	2.191	8689.08	0.0004	P	2.2
3	☐	50.000	49.906	19878.81	0.0009	P	4.0
4	☐	125.000	125.375	37042.19	0.0017	P	3.5
5	☐	250.000	259.062	65307.74	0.0031	P	1.7
6	☐	500.000	501.288	120340.31	0.0057	P	2.6
7	☐	1000.000	997.047	231731.99	0.0109	P	2.6
8	☐			7757.93	0.0004	P	3.4

$$y = 1.0570\text{E-}005 * x + 3.8890\text{E-}004$$

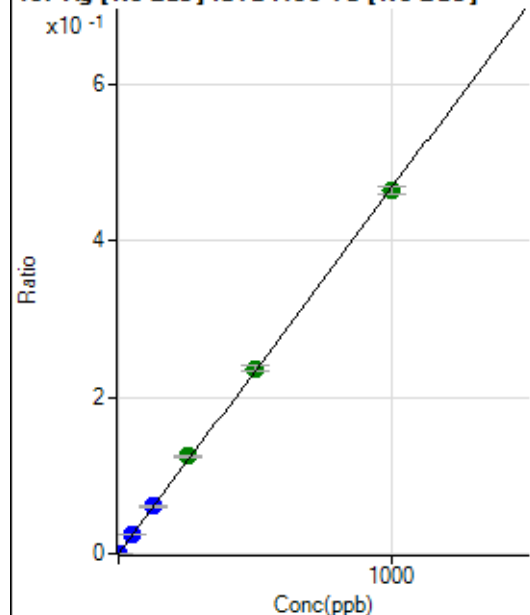
$$R = 1.0000$$

$$DL = 6.823$$

$$BEC = 36.79$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	14.4
2	☐	1.000	0.999	10012.22	0.0005	P	2.8
3	☐	50.000	52.181	529650.08	0.0244	P	1.6
4	☐	125.000	129.519	1309223.99	0.0606	P	2.8
5	☐	250.000	265.572	2593755.35	0.1242	A	2.6
6	☐	500.000	506.498	5012102.68	0.2369	A	2.5
7	☐	1000.000	992.184	9840396.92	0.4640	A	2.1
8	☐			3512.30	0.0002	P	7.1

$$y = 4.6767\text{E-}004 * x + 7.5385\text{E-}006$$

$$R = 0.9998$$

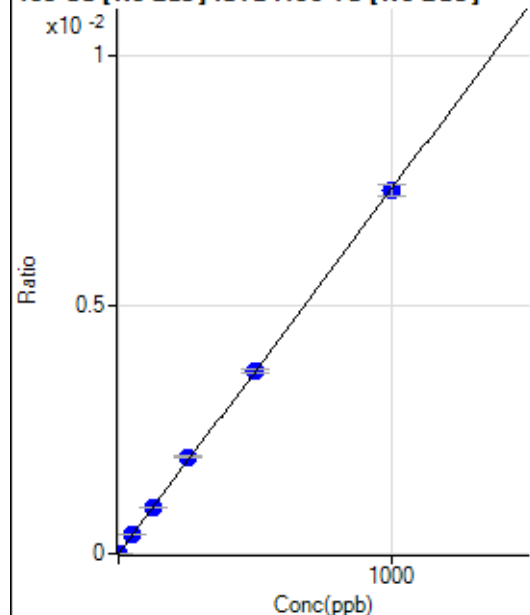
$$DL = 0.006959$$

$$BEC = 0.01612$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.61	0.0000	P	8.2
2	☐	1.000	1.214	236.12	0.0000	P	16.7
3	☐	50.000	51.810	8281.77	0.0004	P	0.5
4	☐	125.000	126.192	20027.18	0.0009	P	1.1
5	☐	250.000	264.570	40506.47	0.0019	P	1.4
6	☐	500.000	502.563	77918.35	0.0037	P	2.0
7	☐	1000.000	994.837	154508.94	0.0073	P	3.3
8	☐			179.17	0.0000	P	16.7

$$y = 7.3224\text{E-}006 * x + 2.3171\text{E-}006$$

$$R = 0.9999$$

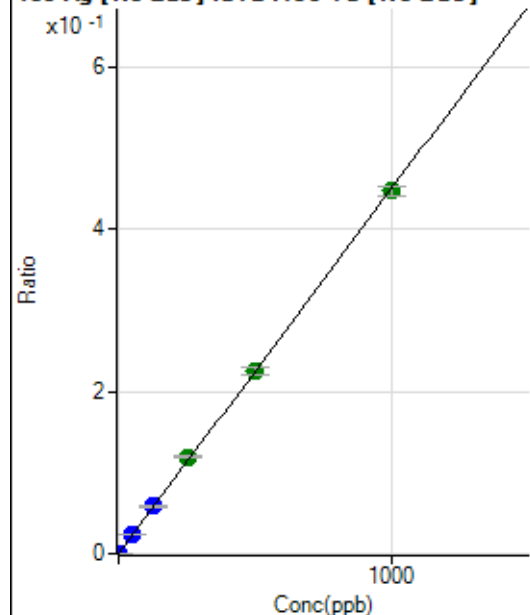
$$DL = 0.07752$$

$$BEC = 0.3164$$

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	55.56	0.0000	P	46.1
2	☐	1.000	1.024	9787.07	0.0005	P	3.3
3	☐	50.000	52.048	508672.10	0.0234	P	1.3
4	☐	125.000	130.544	1270799.95	0.0588	P	2.4
5	☐	250.000	265.976	2501985.52	0.1198	A	0.7
6	☐	500.000	502.518	4787669.42	0.2263	A	4.1
7	☐	1000.000	993.952	9493187.80	0.4477	A	2.7
8	☐			2842.04	0.0001	P	7.5

$$y = 4.5039\text{E-}004 * x + 2.6644\text{E-}006$$

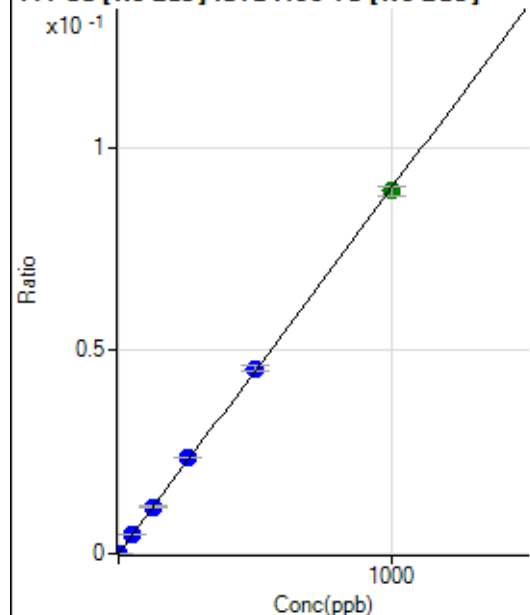
$$R = 0.9998$$

$$DL = 0.008178$$

$$BEC = 0.005916$$

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	795.13	0.0000	P	5.0
2	☐	1.000	1.135	2952.45	0.0001	P	3.3
3	☐	50.000	51.715	101828.42	0.0047	P	1.2
4	☐	125.000	128.453	250730.98	0.0116	P	2.3
5	☐	250.000	263.687	496502.11	0.0238	P	0.9
6	☐	500.000	506.725	965753.94	0.0457	P	3.5
7	☐	1000.000	992.698	1895664.75	0.0894	A	2.9
8	☐			1130.95	0.0001	P	2.6

$$y = 9.0014\text{E-}005 * x + 3.7853\text{E-}005$$

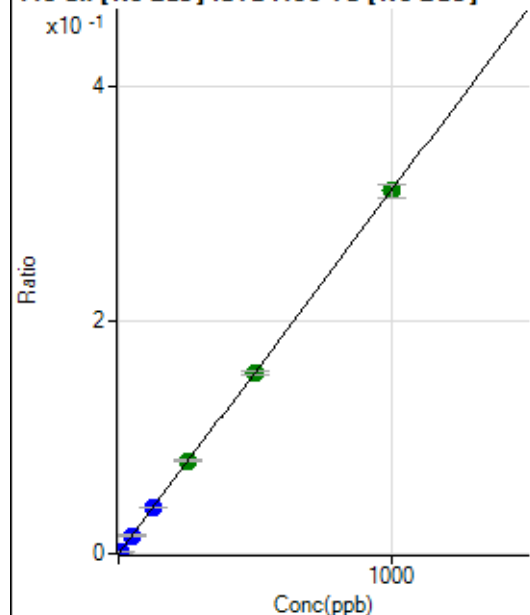
$$R = 0.9999$$

$$DL = 0.06246$$

$$BEC = 0.4205$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	963.95	0.0000	P	7.5
2	☐	5.000	5.041	34034.69	0.0016	P	2.2
3	☐	50.000	50.084	338965.41	0.0156	P	2.2
4	☐	125.000	126.502	851330.09	0.0394	P	3.1
5	☐	250.000	256.191	1665273.70	0.0797	A	0.7
6	☐	500.000	499.611	3289448.56	0.1554	A	2.1
7	☐	1000.000	998.455	6586057.27	0.3106	A	3.4
8	☐			6304.41	0.0003	P	8.3

$$y = 3.1105\text{E-}004 * x + 4.5936\text{E-}005$$

$$R = 1.0000$$

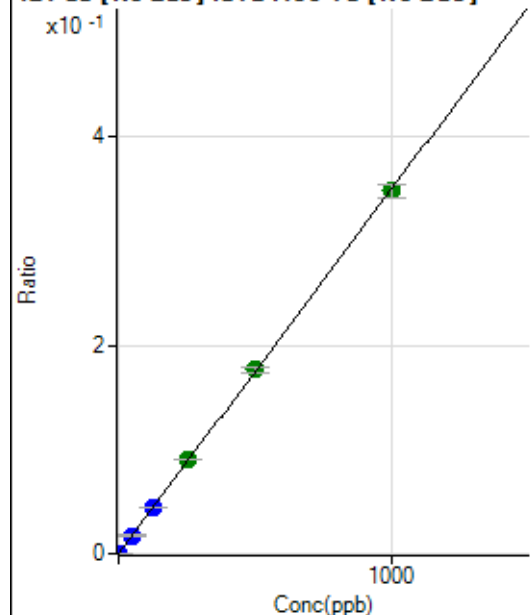
$$DL = 0.03323$$

$$BEC = 0.1477$$

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	47.23	0.0000	P	21.4
2	☐	2.000	2.010	14872.34	0.0007	P	5.4
3	☐	50.000	50.075	380186.05	0.0175	P	2.4
4	☐	125.000	126.698	958126.02	0.0443	P	3.4
5	☐	250.000	258.428	1888491.94	0.0904	A	2.0
6	☐	500.000	505.252	3740374.08	0.1768	A	3.3
7	☐	1000.000	995.051	7382993.05	0.3482	A	3.6
8	☐			4767.63	0.0002	P	5.9

$$y = 3.4992\text{E-}004 * x + 2.2512\text{E-}006$$

$$R = 0.9999$$

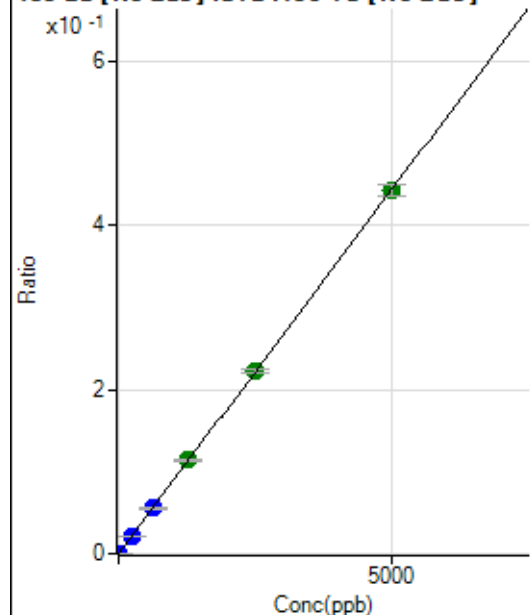
$$DL = 0.004138$$

$$BEC = 0.006433$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	14.1
2	☐	10.000	10.356	19450.57	0.0009	P	4.6
3	☐	250.000	246.757	474717.01	0.0219	P	1.9
4	☐	625.000	622.961	1193919.68	0.0552	P	1.7
5	☐	1250.000	1286.106	2381059.82	0.1140	A	2.8
6	☐	2500.000	2507.722	4703998.45	0.2223	A	2.8
7	☐	5000.000	4987.529	9376576.51	0.4422	A	3.1
8	☐			4136.84	0.0002	P	12.2

$$y = 8.8656\text{E-}005 * x + 4.6309\text{E-}006$$

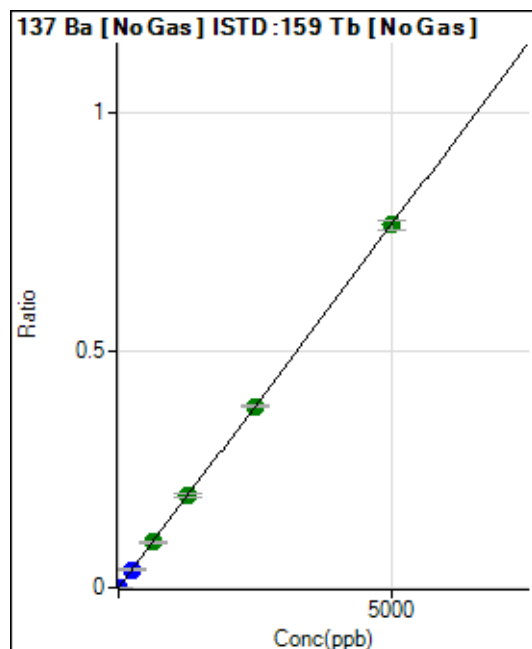
$$R = 1.0000$$

$$DL = 0.02205$$

$$BEC = 0.05223$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	31.9
2	☐	10.000	10.423	33670.44	0.0016	P	3.4
3	☐	250.000	251.460	834289.81	0.0385	P	0.6
4	☐	625.000	625.972	2068842.93	0.0957	A	1.9
5	☐	1250.000	1269.458	4053344.62	0.1941	A	2.5
6	☐	2500.000	2497.194	8080238.98	0.3818	A	1.5
7	☐	5000.000	4996.343	16199989.94	0.7639	A	2.6
8	☐			7013.15	0.0003	P	7.6

$$y = 1.5290E-004 * x + 3.1648E-006$$

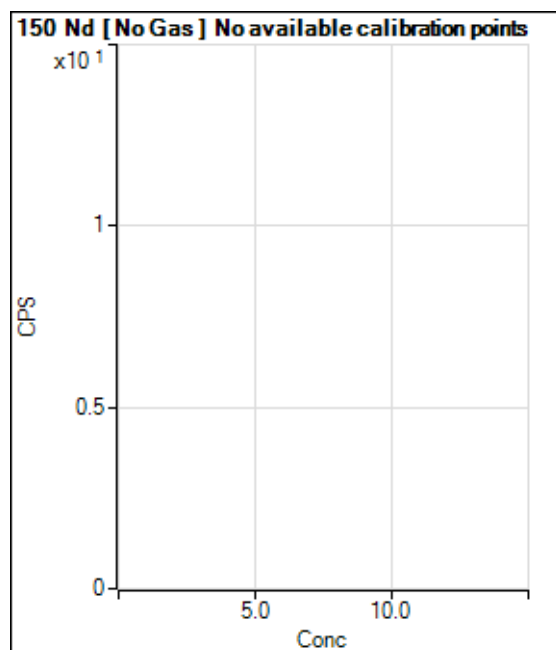
$$R = 1.0000$$

$$DL = 0.0198$$

$$BEC = 0.0207$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	114.
2	☐			13.33		P	50.0
3	☐			60.00		P	11.1
4	☐			120.01		P	19.2
5	☐			146.67		P	19.8
6	☐			295.57		P	16.9
7	☐			546.69		P	6.1
8	☐			28.89		P	58.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			5.56		P	34.7
4	☐			14.45		P	48.0
5	☐			15.56		P	75.3
6	☐			47.78		P	14.5
7	☐			50.00		P	52.9
8	☐			11.11		P	45.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	68.6
2	☐			19.45		P	24.7
3	☐			66.67		P	54.5
4	☐			69.45		P	25.0
5	☐			125.00		P	24.0
6	☐			233.34		P	12.9
7	☐			452.80		P	28.9
8	☐			1364.00		P	1.9

156 Dy [He] No available calibration points

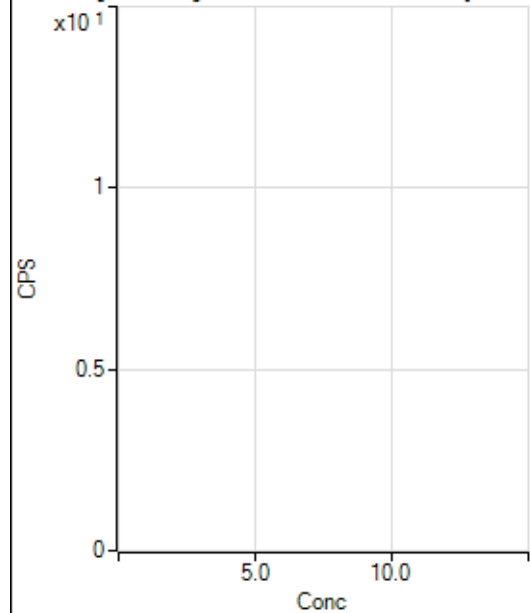
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			3.33		P	100.
3	☐			16.67		P	40.0
4	☐			21.11		P	39.7
5	☐			51.11		P	10.0
6	☐			87.78		P	5.8
7	☐			173.34		P	15.3
8	☐			592.25		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	24.0
2	☐			194.45		P	15.1
3	☐			175.01		P	31.2
4	☐			222.23		P	17.7
5	☐			294.46		P	13.1
6	☐			363.90		P	8.0
7	☐			536.14		P	3.9
8	☐			1555.69		P	9.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	10.0
2	☐			60.00		P	24.2
3	☐			55.56		P	15.1
4	☐			93.33		P	23.4
5	☐			91.11		P	14.8
6	☐			158.89		P	17.8
7	☐			231.12		P	24.2
8	☐			798.92		P	3.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	8.8
2	☐			113.89		P	29.6
3	☐			125.00		P	11.5
4	☐			194.45		P	13.1
5	☐			169.45		P	22.2
6	☐			188.90		P	20.8
7	☐			263.90		P	11.1
8	☐			297.23		P	8.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	16.1
2	☐			42.22		P	12.1
3	☐			60.00		P	11.1
4	☐			52.22		P	13.3
5	☐			47.78		P	49.5
6	☐			100.00		P	12.0
7	☐			107.78		P	4.7
8	☐			134.45		P	26.5

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.44		P	13.9
2	☐			33.33		P	66.1
3	☐			33.33		P	50.0
4	☐			50.00		P	33.3
5	☐			44.44		P	21.7
6	☐			83.34		P	20.0
7	☐			77.78		P	76.0
8	☐			113.89		P	49.8

172 Yb [He] No available calibration points

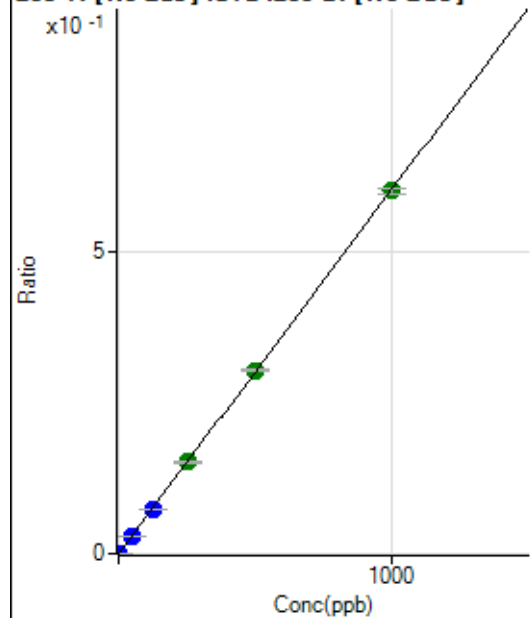
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐			25.93		P	12.4
3	☐			16.67		P	66.6
4	☐			16.67		P	33.3
5	☐			24.07		P	35.2
6	☐			35.18		P	9.1
7	☐			31.48		P	62.0
8	☐			50.00		P	33.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2425.30		P	10.2
2	☐			2341.94		P	0.7
3	☐			3831.20		P	3.3
4	☐			6373.92		P	1.3
5	☐			9770.60		P	0.6
6	☐			17909.84		P	1.7
7	☐			33646.16		P	2.2
8	☐			2180.81		P	4.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2107.62		P	8.8
2	☐			1976.12		P	7.2
3	☐			2524.36		P	6.4
4	☐			3302.33		P	5.3
5	☐			4962.12		P	3.3
6	☐			8324.99		P	2.8
7	☐			14856.78		P	1.5
8	☐			1646.43		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.01	0.0000	P	18.4
2	☐	1.000	0.949	7816.44	0.0006	P	4.0
3	☐	50.000	48.111	385789.26	0.0289	P	0.7
4	☐	125.000	122.979	975453.53	0.0740	P	1.2
5	☐	250.000	252.246	1942597.00	0.1517	A	1.4
6	☐	500.000	504.737	3891169.83	0.3035	A	1.3
7	☐	1000.000	997.417	7683151.82	0.5997	A	1.8
8	☐			1825.18	0.0002	P	13.0

$$y = 6.0122\text{E-}004 * x + 2.3173\text{E-}005$$

$$R = 1.0000$$

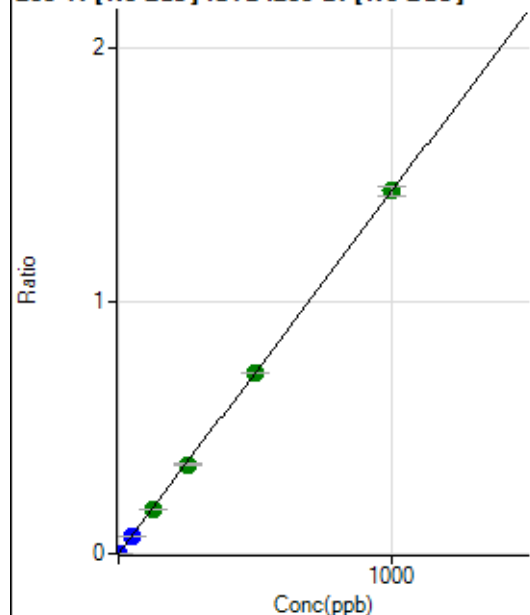
$$DL = 0.0213$$

$$BEC = 0.03854$$

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	730.60	0.0001	P	6.0
2	☐	1.000	0.967	18967.03	0.0014	P	5.2
3	☐	50.000	48.812	932450.07	0.0700	P	1.7
4	☐	125.000	123.617	2336286.45	0.1771	A	1.5
5	☐	250.000	246.386	4520844.89	0.3530	A	2.1
6	☐	500.000	498.737	9161389.70	0.7145	A	0.8
7	☐	1000.000	1001.768	18376648.50	1.4351	A	3.0
8	☐			4142.45	0.0004	P	10.8

$$y = 0.0014 * x + 5.6453E-005$$

$$R = 1.0000$$

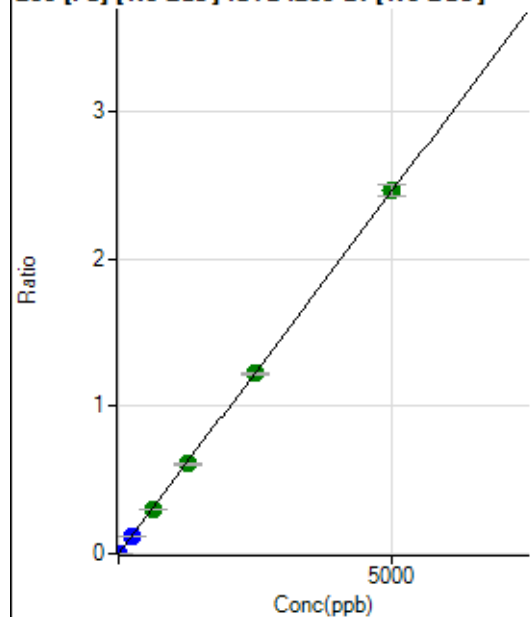
$$DL = 0.007124$$

$$BEC = 0.03941$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	479.65	0.0000	P	9.8
2	☐	1.000	0.924	6470.26	0.0005	P	4.9
3	☐	250.000	238.444	1563623.15	0.1174	P	2.2
4	☐	625.000	617.073	4005351.91	0.3037	A	0.4
5	☐	1250.000	1239.481	7811028.71	0.6099	A	2.5
6	☐	2500.000	2487.322	15693462.39	1.2239	A	0.8
7	☐	5000.000	5010.537	31572543.76	2.4655	A	3.3
8	☐			15707.95	0.0014	P	4.2

$$y = 4.9205E-004 * x + 3.7159E-005$$

$$R = 1.0000$$

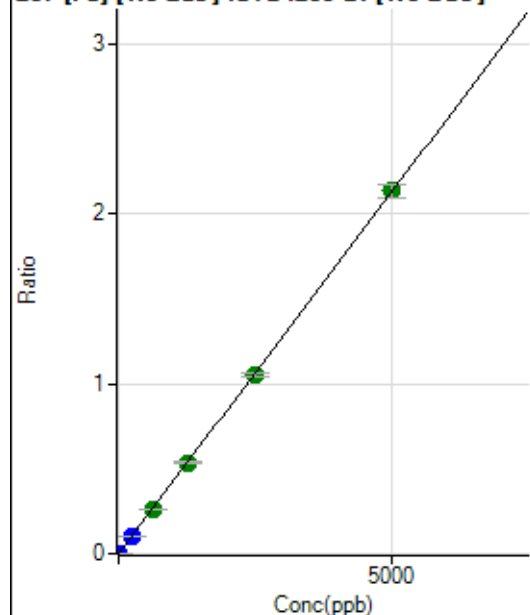
$$DL = 0.02225$$

$$BEC = 0.07552$$

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	361.12	0.0000	P	19.4
2	☐	1.000	0.922	5527.20	0.0004	P	6.0
3	☐	250.000	240.064	1360884.36	0.1021	P	2.1
4	☐	625.000	619.108	3473292.12	0.2634	A	1.7
5	☐	1250.000	1253.762	6830090.60	0.5333	A	2.0
6	☐	2500.000	2465.189	13445250.30	1.0486	A	1.9
7	☐	5000.000	5017.698	27329085.80	2.1343	A	3.4
8	☐			13720.46	0.0012	P	0.9

$$y = 4.2535E-004 * x + 2.7997E-005$$

R = 1.0000

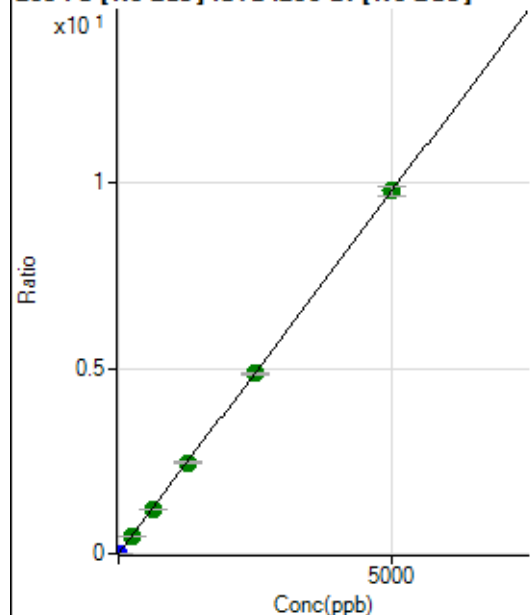
DL = 0.0383

BEC = 0.06582

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	1874.16	0.0001	P	5.4
2	☐	1.000	0.943	26142.43	0.0020	P	4.7
3	☐	250.000	243.868	6347709.53	0.4764	A	1.2
4	☐	625.000	615.160	15844822.52	1.2015	A	1.8
5	☐	1250.000	1251.194	31294435.42	2.4435	A	1.8
6	☐	2500.000	2487.733	62293897.00	4.8583	A	1.0
7	☐	5000.000	5007.372	125223925.0	9.7788	A	2.9
8	☐			62513.54	0.0054	P	2.8

$$y = 0.0020 * x + 1.4511E-004$$

R = 1.0000

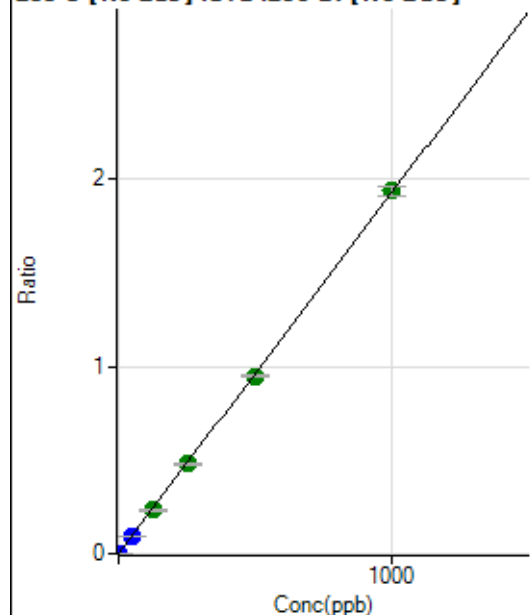
DL = 0.01206

BEC = 0.07431

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	11.11	0.0000	P	86.6
2	☐	1.000	0.920	23372.16	0.0018	P	3.6
3	☐	50.000	46.861	1203886.40	0.0904	P	1.7
4	☐	125.000	120.352	3060428.84	0.2321	A	1.8
5	☐	250.000	249.042	6150221.53	0.4802	A	3.1
6	☐	500.000	491.409	12148616.42	0.9475	A	1.1
7	☐	1000.000	1005.273	24823419.31	1.9384	A	2.6
8	☐			3053.25	0.0003	P	1.8

$$y = 0.0019 * x + 8.4681E-007$$

$$R = 0.9999$$

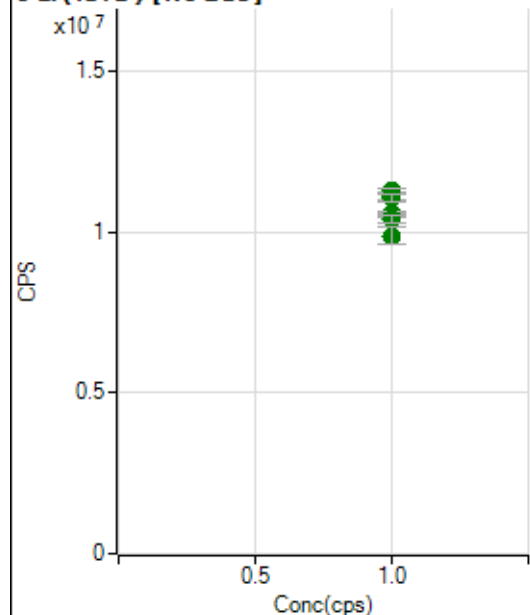
$$DL = 0.001141$$

$$BEC = 0.0004392$$

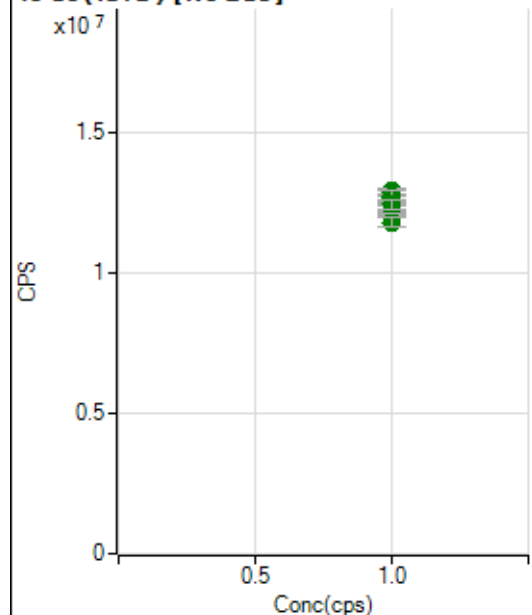
Weight: <None>

Min Conc: 0

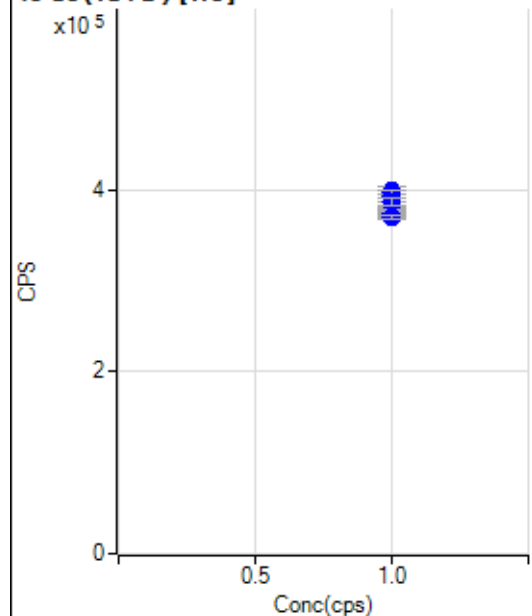
6 Li (ISTD) [No Gas]



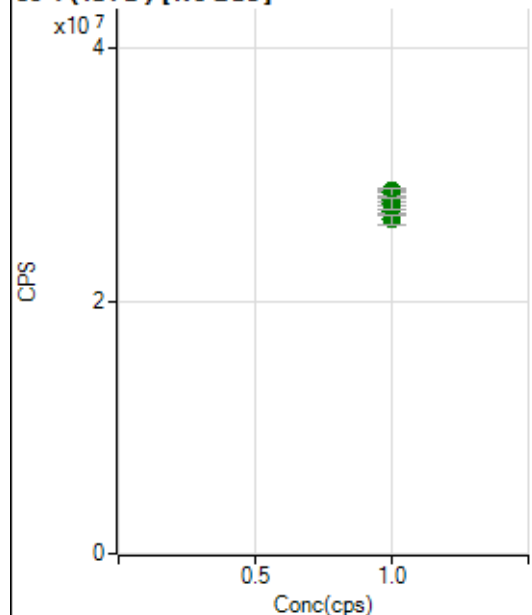
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11127408.31		A	1.6
2	☐	1.000		11157422.56		A	2.2
3	☐	1.000		11291875.67		A	1.3
4	☐	1.000		11061716.96		A	2.2
5	☐	1.000		10622052.99		A	0.7
6	☐	1.000		10562760.77		A	2.0
7	☐	1.000		10407839.09		A	2.3
8	☐	1.000		9902525.33		A	4.9

45 Sc (ISTD) [No Gas]

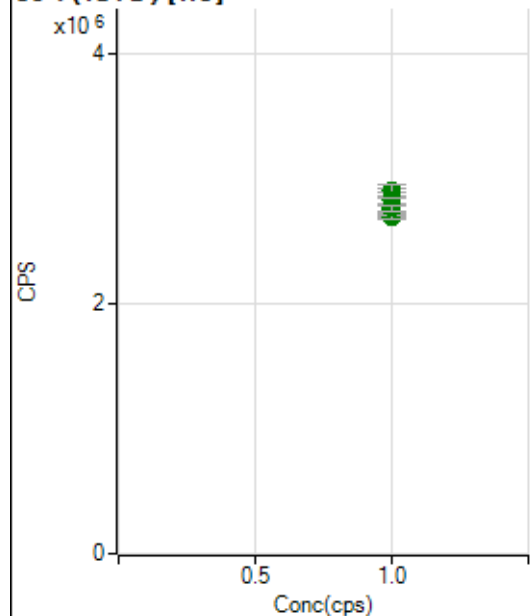
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12639669.67		A	1.3
2	☐	1.000		12872529.11		A	1.9
3	☐	1.000		12917543.00		A	1.3
4	☐	1.000		12702016.75		A	3.5
5	☐	1.000		12134705.79		A	1.3
6	☐	1.000		12251661.90		A	2.6
7	☐	1.000		12434225.23		A	2.4
8	☐	1.000		11801362.60		A	3.0

45 Sc (ISTD) [He]

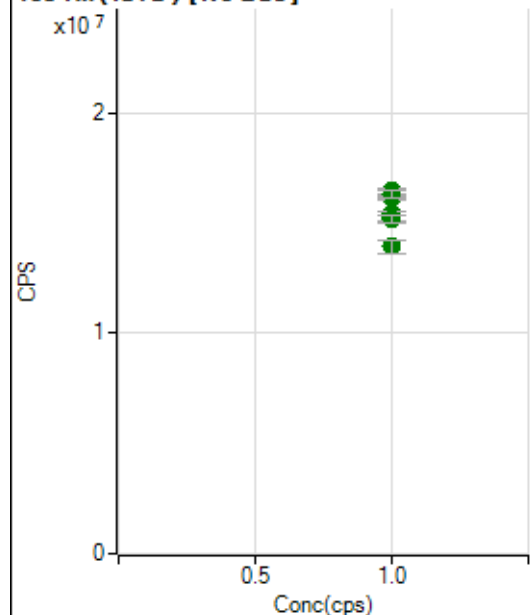
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		377345.01		P	1.8
2	☐	1.000		399062.42		P	2.2
3	☐	1.000		397253.58		P	0.8
4	☐	1.000		394047.19		P	3.1
5	☐	1.000		373454.68		P	1.8
6	☐	1.000		370134.88		P	1.5
7	☐	1.000		382322.77		P	2.0
8	☐	1.000		386770.22		P	2.5

89 Y (ISTD) [No Gas]

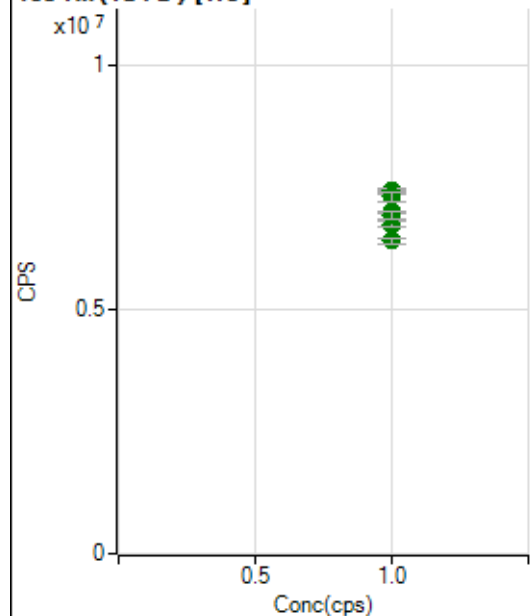
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28011965.41		A	2.6
2	☐	1.000		28323832.63		A	3.3
3	☐	1.000		28748660.41		A	0.5
4	☐	1.000		28626897.07		A	2.1
5	☐	1.000		27183950.71		A	2.8
6	☐	1.000		27155311.82		A	0.9
7	☐	1.000		27761708.48		A	3.0
8	☐	1.000		26484618.21		A	2.7

89 Y (ISTD) [He]

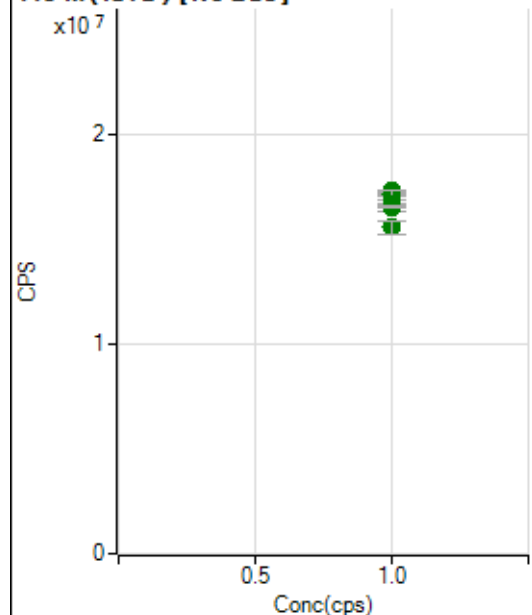
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2743958.88		A	2.1
2	☐	1.000		2886002.29		A	2.5
3	☐	1.000		2897321.87		A	1.0
4	☐	1.000		2895579.47		A	3.4
5	☐	1.000		2694519.20		A	0.7
6	☐	1.000		2693575.90		A	1.2
7	☐	1.000		2817979.75		A	2.0
8	☐	1.000		2759761.87		A	1.4

103 Rh (ISTD) [No Gas]

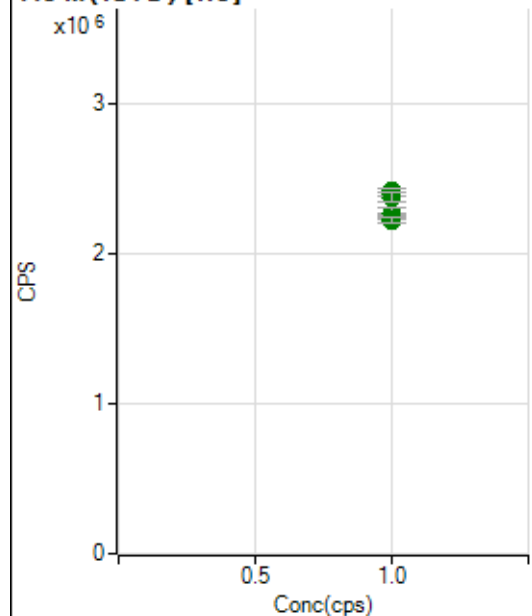
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16177300.36		A	1.8
2	☐	1.000		16459761.48		A	1.7
3	☐	1.000		16343562.69		A	1.7
4	☐	1.000		16315664.08		A	2.0
5	☐	1.000		15430215.62		A	0.9
6	☐	1.000		15300267.01		A	2.7
7	☐	1.000		15179601.21		A	2.1
8	☐	1.000		13935811.86		A	4.3

103 Rh (ISTD) [He]

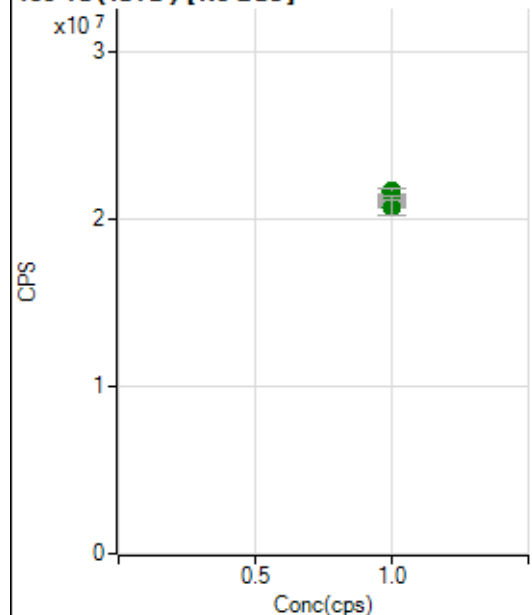
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7002802.25		A	0.7
2	☐	1.000		7424211.42		A	0.6
3	☐	1.000		7438376.97		A	1.6
4	☐	1.000		7321411.63		A	2.9
5	☐	1.000		6931396.70		A	2.7
6	☐	1.000		6750318.58		A	1.7
7	☐	1.000		6938759.55		A	2.5
8	☐	1.000		6423908.65		A	1.8

115 In (ISTD) [No Gas]

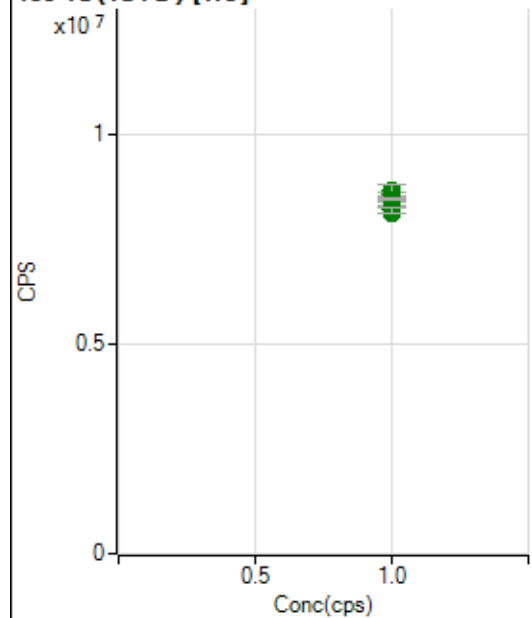
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17057443.82		A	1.8
2	☐	1.000		17150932.59		A	0.6
3	☐	1.000		17324980.43		A	0.7
4	☐	1.000		17153379.10		A	2.8
5	☐	1.000		16674296.44		A	0.6
6	☐	1.000		16499686.09		A	1.6
7	☐	1.000		16552269.56		A	0.4
8	☐	1.000		15572243.28		A	4.1

115 In (ISTD) [He]

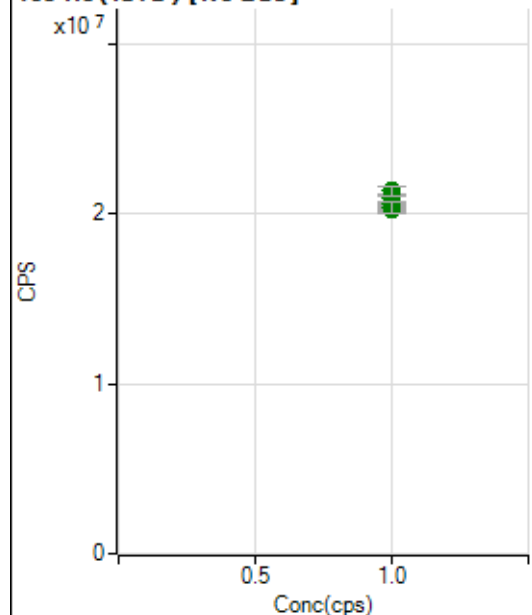
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2263422.19		A	0.1
2	☐	1.000		2403190.31		A	1.5
3	☐	1.000		2423483.17		A	1.1
4	☐	1.000		2380902.70		A	2.3
5	☐	1.000		2243608.27		A	2.7
6	☐	1.000		2226579.82		A	1.2
7	☐	1.000		2275930.09		A	2.7
8	☐	1.000		2230971.35		A	1.8

159 Tb (ISTD) [No Gas]

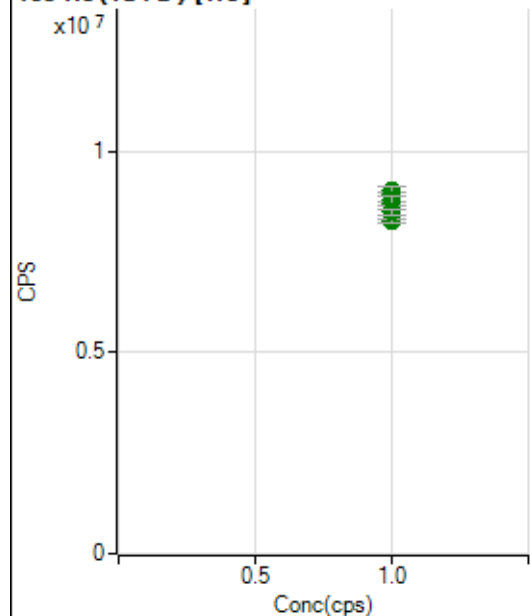
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21017559.69		A	3.4
2	☐	1.000		21092694.27		A	2.0
3	☐	1.000		21698609.12		A	1.2
4	☐	1.000		21621480.23		A	2.5
5	☐	1.000		20886250.52		A	1.2
6	☐	1.000		21167768.85		A	2.6
7	☐	1.000		21212230.52		A	1.8
8	☐	1.000		20671326.64		A	4.4

159 Tb (ISTD) [He]

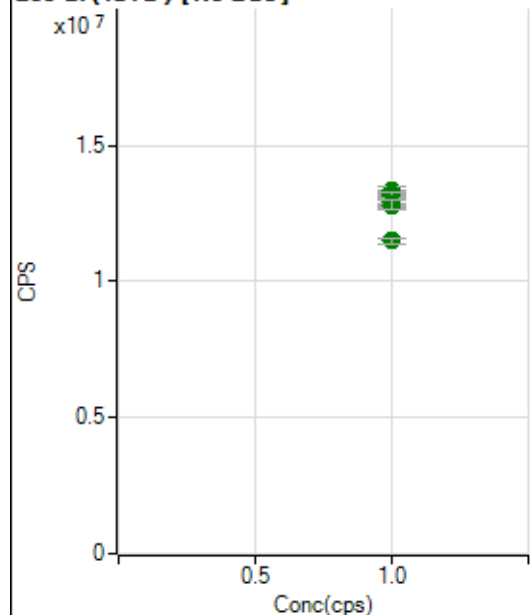
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8101717.17		A	0.3
2	☐	1.000		8423658.42		A	1.4
3	☐	1.000		8552693.90		A	1.1
4	☐	1.000		8637896.54		A	3.1
5	☐	1.000		8214955.50		A	2.2
6	☐	1.000		8177533.84		A	1.7
7	☐	1.000		8434272.86		A	0.5
8	☐	1.000		8185867.38		A	1.8

165 Ho (ISTD) [No Gas]

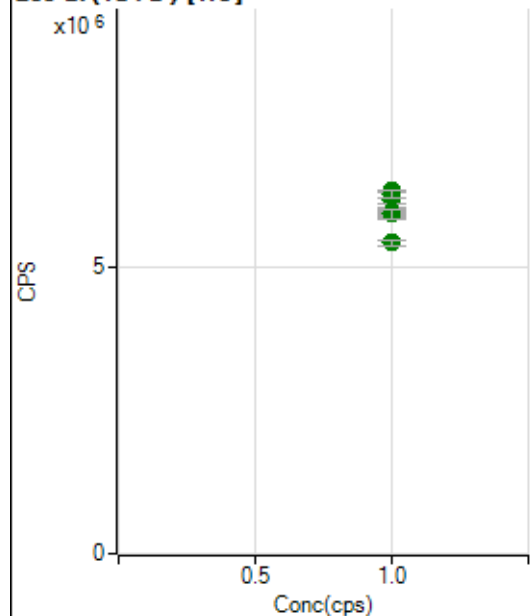
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20434813.82		A	1.1
2	☐	1.000		20634846.81		A	1.3
3	☐	1.000		21156758.98		A	0.5
4	☐	1.000		20913085.71		A	1.4
5	☐	1.000		20239923.72		A	0.8
6	☐	1.000		20553795.42		A	1.9
7	☐	1.000		21358232.77		A	2.6
8	☐	1.000		20412114.00		A	3.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8249063.28		A	1.3
2	☐	1.000		8695897.72		A	0.7
3	☐	1.000		8931607.71		A	0.6
4	☐	1.000		9012692.02		A	2.8
5	☐	1.000		8479687.51		A	1.9
6	☐	1.000		8482076.40		A	2.0
7	☐	1.000		8781913.76		A	2.8
8	☐	1.000		8481947.09		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12927769.67		A	2.8
2	☐	1.000		13168852.16		A	2.3
3	☐	1.000		13327046.19		A	2.2
4	☐	1.000		13190351.33		A	1.6
5	☐	1.000		12808677.59		A	1.2
6	☐	1.000		12821818.00		A	0.5
7	☐	1.000		12813094.81		A	3.1
8	☐	1.000		11503403.99		A	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5941104.15		A	1.2
2	☐	1.000		6164578.87		A	1.6
3	☐	1.000		6332059.84		A	0.5
4	☐	1.000		6273963.86		A	2.4
5	☐	1.000		5985816.23		A	1.7
6	☐	1.000		5931603.24		A	1.7
7	☐	1.000		5929349.57		A	2.7
8	☐	1.000		5431328.32		A	1.9