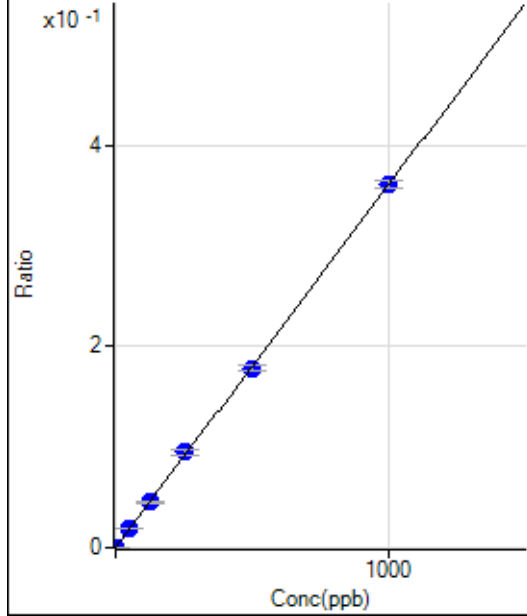


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022722MS.b\
Analysis File: P8022722MS.batch.bin
DA Date-Time: 2022-02-28 08:32:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-02-27 14:09:51
2	005CALS.d	S02	2022-02-27 14:16:00
3	006CALS.d	S03	2022-02-27 14:19:06
4	007CALS.d	S04	2022-02-27 14:22:09
5	008CALS.d	S05	2022-02-27 14:25:15
6	009CALS.d	S06	2022-02-27 14:28:18
7	010CALS.d	S07	2022-02-27 14:31:23
8	011CALS.d	S08	2022-02-27 14:34:27

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.99	0.0000	P	14.8
2	☐	1.000	0.988	650.55	0.0004	P	5.9
3	☐	50.000	52.117	32176.54	0.0188	P	6.8
4	☐	125.000	126.418	80730.27	0.0456	P	3.0
5	☐	250.000	262.742	162240.14	0.0948	P	7.0
6	☐	500.000	493.168	323131.71	0.1779	P	3.1
7	☐	1000.000	999.948	636092.57	0.3608	P	2.1
8	☐			2275.40	0.0012	P	133.6

$$y = 3.6076\text{E-}004 * x + 2.1644\text{E-}005$$

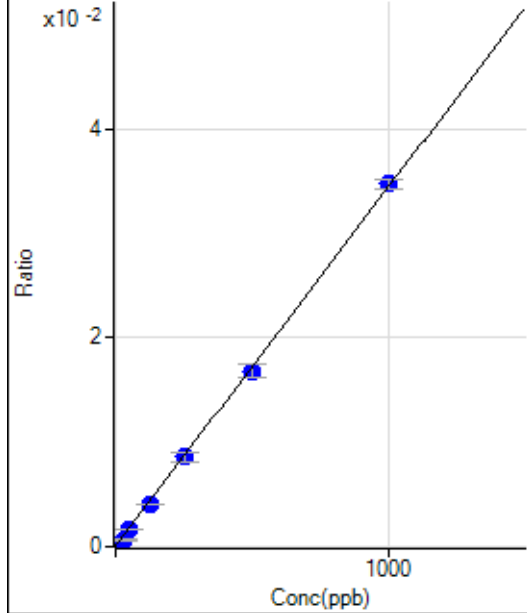
$$R = 0.9999$$

$$DL = 0.02669$$

$$BEC = 0.05999$$

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	84.65	0.0001	P	11.1
2	☐	25.000	16.765	1081.16	0.0006	P	10.7
3	☐	50.000	46.444	2829.72	0.0016	P	2.1
4	☐	125.000	116.487	7195.02	0.0041	P	3.5
5	☐	250.000	248.665	14732.48	0.0086	P	10.0
6	☐	500.000	486.605	30510.92	0.0168	P	7.4
7	☐	1000.000	1008.479	61340.40	0.0348	P	2.9
8	☐			9447.20	0.0054	P	9.5

$$y = 3.4431\text{E-}005 * x + 5.0907\text{E-}005$$

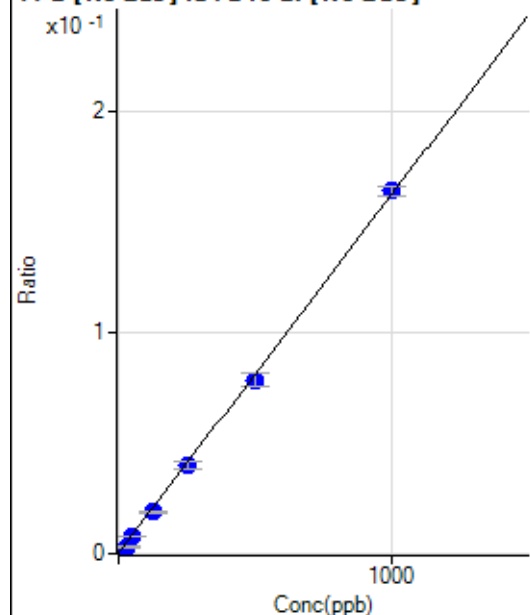
$$R = 0.9999$$

$$DL = 0.4926$$

$$BEC = 1.479$$

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	445.25	0.0003	P	5.5
2	☐	25.000	16.911	5167.90	0.0030	P	6.7
3	☐	50.000	44.905	12900.48	0.0075	P	1.6
4	☐	125.000	114.112	33159.45	0.0187	P	3.6
5	☐	250.000	247.041	68831.85	0.0402	P	8.5
6	☐	500.000	483.597	142455.34	0.0785	P	8.1
7	☐	1000.000	1010.759	288825.40	0.1637	P	2.8
8	☐			43781.11	0.0249	P	10.2

$$y = 1.6172\text{E-}004 * x + 2.6774\text{E-}004$$

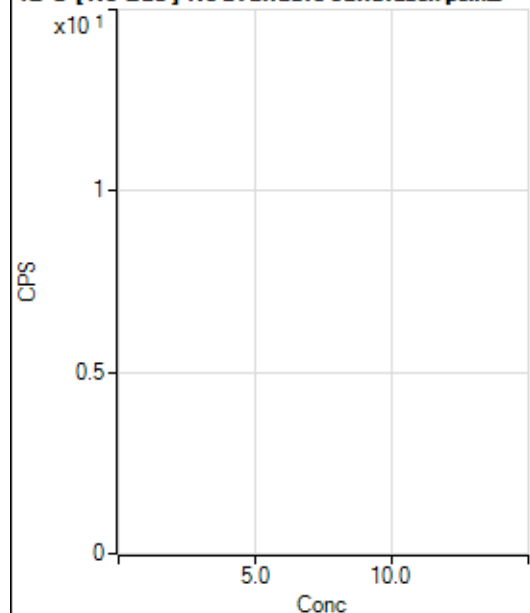
$$R = 0.9998$$

$$DL = 0.2755$$

$$BEC = 1.656$$

Weight: <None>

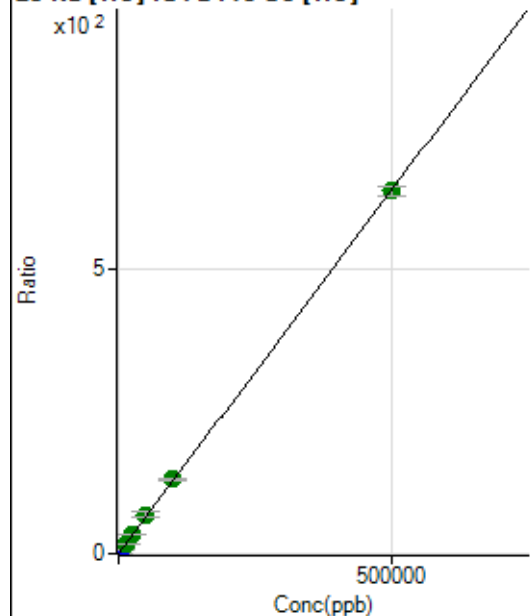
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4533097.93		A	0.5
2	☐			4791795.07		A	0.4
3	☐			4893785.35		A	0.7
4	☐			5197822.99		A	0.4
5	☐			5456577.07		A	1.2
6	☐			5373032.67		A	2.2
7	☐			5598631.51		A	1.0
8	☐			5193316.65		A	2.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36818.93		P	0.9
2	☐			39500.91		P	1.3
3	☐			40614.92		P	1.9
4	☐			42673.64		P	2.1
5	☐			45554.49		P	0.5
6	☐			45874.96		P	0.3
7	☐			50498.95		P	1.3
8	☐			46736.12		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4925.94	0.0744	P	2.0
2	☐	500.000	482.288	45156.85	0.6882	P	1.4
3	☐	5000.000	5181.693	448042.66	6.6686	P	2.9
4	☐	12500.000	13137.204	1134976.90	16.7926	A	3.5
5	☐	25000.000	25907.267	2220358.38	33.0436	A	1.5
6	☐	50000.000	53999.096	4344234.82	68.7928	A	17.4
7	☐	100000.00	101952.76	8440221.37	129.8179	A	3.5
8	☐	500000.00	499146.44	42425378.38	635.2801	A	2.7

$$y = 0.0013 * x + 0.0744$$

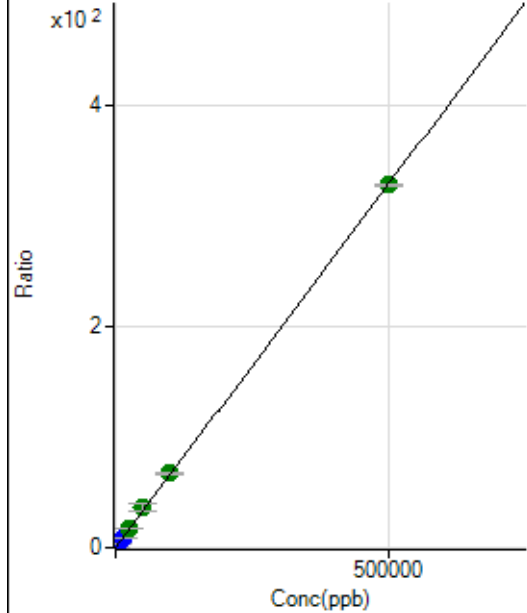
$$R = 1.0000$$

$$DL = 3.485$$

$$BEC = 58.5$$

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	205.56	0.0031	P	13.5
2	☐	500.000	498.446	21666.63	0.3305	P	5.0
3	☐	5000.000	5196.362	229499.86	3.4159	P	3.0
4	☐	12500.000	13054.024	579727.29	8.5766	P	2.1
5	☐	25000.000	26453.049	1167615.61	17.3768	A	0.7
6	☐	50000.000	54991.022	2277886.12	36.1197	A	18.7
7	☐	100000.00	102362.75	4371175.66	67.2322	A	3.5
8	☐	500000.00	498939.88	21892670.28	327.6933	A	0.8

$$y = 6.5677\text{E-}004 * x + 0.0031$$

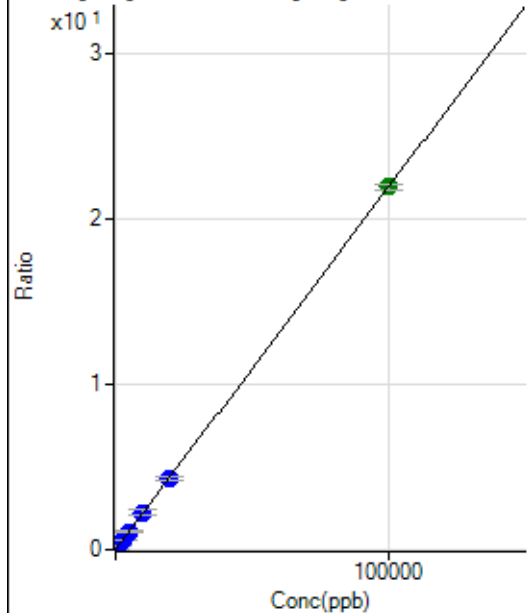
$$R = 0.9999$$

$$DL = 1.914$$

$$BEC = 4.735$$

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	40.83	0.0006	P	13.3
2	☐	20.000	19.431	319.96	0.0049	P	4.3
3	☐	1000.000	1001.995	14777.30	0.2199	P	2.8
4	☐	2500.000	2507.490	37140.35	0.5495	P	2.2
5	☐	5000.000	4995.378	73515.12	1.0940	P	1.8
6	☐	10000.000	10328.458	142845.72	2.2614	P	17.0
7	☐	20000.000	19535.680	277834.77	4.2767	P	5.8
8	☐	100000.00	100060.04	1463040.17	21.9023	A	1.7

$$y = 2.1888\text{E-}004 * x + 6.1731\text{E-}004$$

$$R = 1.0000$$

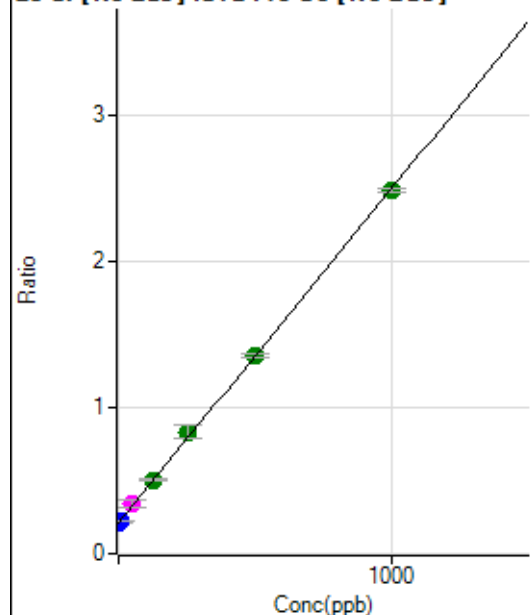
$$DL = 1.121$$

$$BEC = 2.82$$

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	560009.90	0.2108	P	2.6
2	☐	10.000	3.405	593896.84	0.2186	P	1.0
3	☐	50.000	56.302	917686.12	0.3394	M	15.6
4	☐	125.000	128.353	1391190.55	0.5039	A	1.9
5	☐	250.000	272.593	2220784.75	0.8332	A	9.8
6	☐	500.000	501.130	3846173.74	1.3550	A	2.3
7	☐	1000.000	993.119	6503713.21	2.4782	A	1.2
8	☐			1089469.25	0.4040	A	4.0

$$y = 0.0023 * x + 0.2108$$

$$R = 0.9996$$

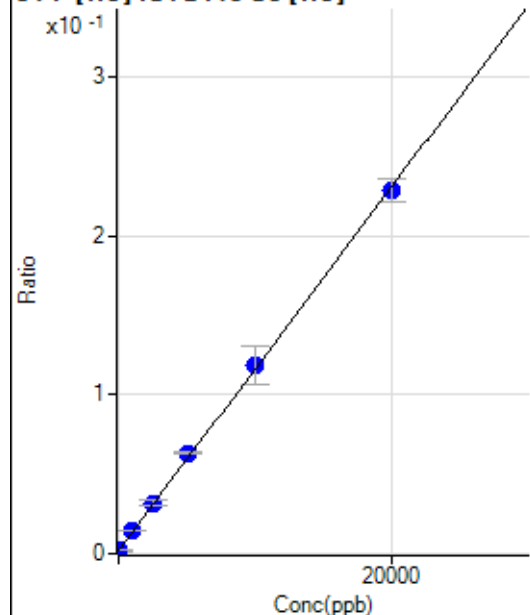
$$DL = 7.242$$

$$BEC = 92.35$$

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	-10.077	122.22	0.0018	P	23.0
2	☐	0.000	10.077	136.11	0.0021	P	9.1
3	☐	1000.000	1065.408	950.06	0.0141	P	2.8
4	☐	2500.000	2611.121	2147.44	0.0318	P	9.6
5	☐	5000.000	5365.394	4250.75	0.0633	P	2.5
6	☐	10000.000	10203.106	7463.21	0.1185	P	20.3
7	☐	20000.000	19789.938	14813.53	0.2280	P	6.3
8	☐			258.35	0.0038	P	72.2

$$y = 1.1424E-005 * x + 0.0020$$

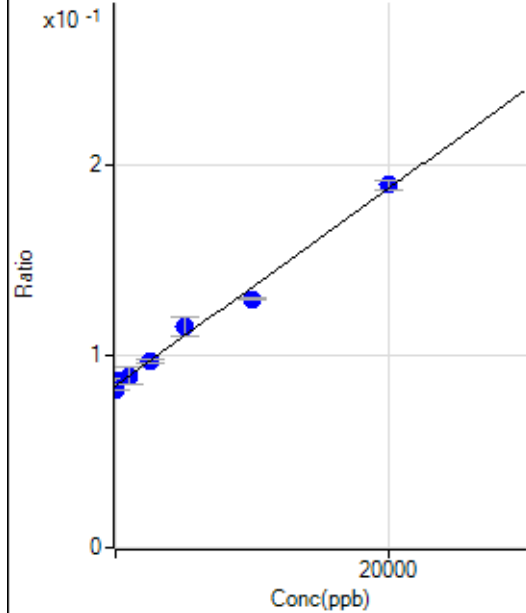
$$R = 0.9997$$

$$DL = 80.39$$

$$BEC = 171.5$$

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	436.280	230686.69	0.0868	P	2.5
2	☐	0.000	-436.280	223736.24	0.0824	P	0.6
3	☐	1000.000	997.483	243397.28	0.0897	P	10.6
4	☐	2500.000	2494.191	269043.08	0.0974	P	1.3
5	☐	5000.000	5996.987	308041.53	0.1155	P	7.9
6	☐	10000.000	8800.570	368719.21	0.1299	P	0.7
7	☐	20000.000	20351.320	496816.58	0.1893	P	2.6
8	☐			212270.39	0.0787	P	2.1

$$y = 5.1467E-006 * x + 0.0846$$

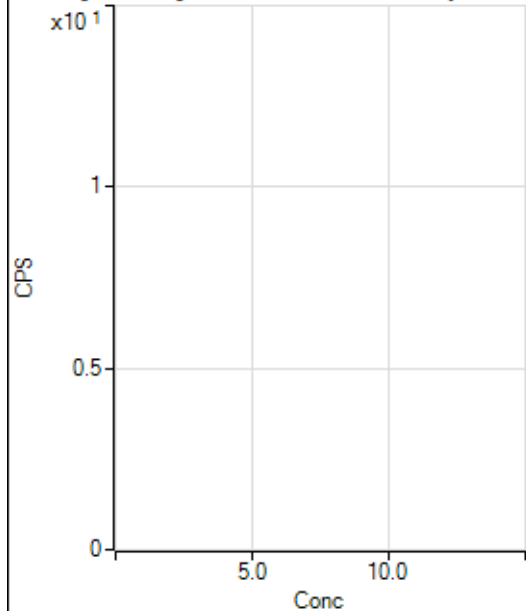
$$R = 0.9954$$

$$DL = 780.1$$

$$BEC = 1.644E+04$$

Weight: <None>

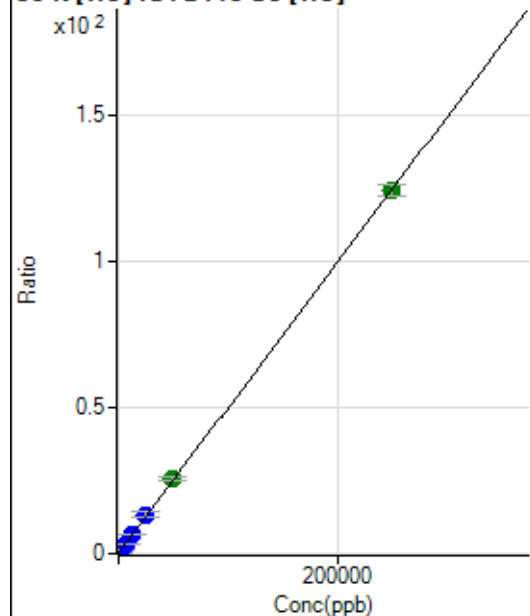
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			558432.67		P	0.8
2	☐			567629.42		P	0.4
3	☐			494304.82		P	1.1
4	☐			433978.01		P	0.8
5	☐			395046.09		P	1.3
6	☐			347516.47		P	0.4
7	☐			318114.38		P	0.4
8	☐			307005.11		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2900.37		P	6.0
2	☐			2736.44		P	7.3
3	☐			2575.30		P	1.5
4	☐			2261.35		P	8.3
5	☐			1991.86		P	8.4
6	☐			1589.02		P	3.2
7	☐			1630.69		P	5.7
8	☐			1477.88		P	8.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10412.38	0.1574	P	3.7
2	☐	500.000	495.853	26455.50	0.4034	P	3.5
3	☐	2500.000	2700.400	100573.93	1.4969	P	2.9
4	☐	6250.000	6623.803	232765.95	3.4432	P	1.1
5	☐	12500.000	13106.927	447473.96	6.6592	P	1.7
6	☐	25000.000	26793.608	850085.38	13.4485	P	16.3
7	☐	50000.000	50887.532	1650590.11	25.4005	A	5.0
8	☐	250000.00	249601.44	8278107.13	123.9739	A	3.3

$$y = 4.9606E-004 * x + 0.1574$$

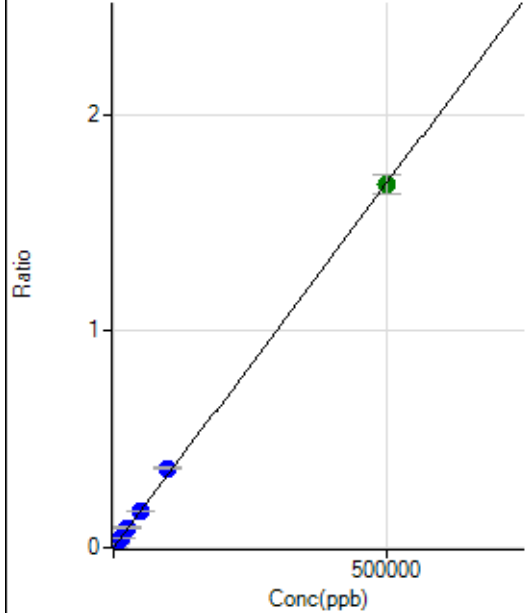
$$R = 1.0000$$

$$DL = 35.34$$

$$BEC = 317.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	259.97	0.0001	P	19.2
2	☐	500.000	463.669	4506.82	0.0017	P	1.4
3	☐	5000.000	5190.561	47640.85	0.0176	P	11.4
4	☐	12500.000	12877.638	119982.13	0.0435	P	1.6
5	☐	25000.000	26846.166	241327.41	0.0905	P	8.5
6	☐	50000.000	51020.991	487878.19	0.1719	P	0.8
7	☐	100000.00	108862.35	962057.23	0.3666	P	2.0
8	☐	500000.00	498021.81	4517877.46	1.6769	A	5.3

$$y = 3.3669\text{E-}006 * x + 9.7955\text{E-}005$$

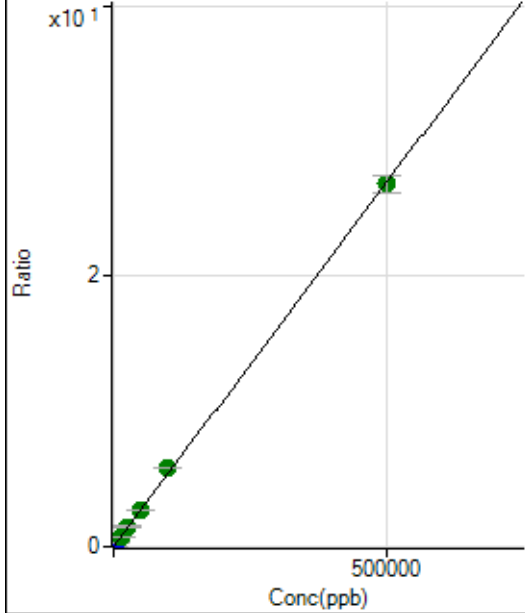
$$R = 0.9998$$

$$DL = 16.75$$

$$BEC = 29.09$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10371.63	0.0039	P	3.7
2	☐	500.000	467.180	78974.59	0.0291	P	2.0
3	☐	5000.000	5192.108	768894.34	0.2836	P	11.3
4	☐	12500.000	12879.242	1926656.20	0.6978	A	1.9
5	☐	25000.000	26723.778	3851308.10	1.4436	A	7.9
6	☐	50000.000	50148.356	7680104.17	2.7056	A	0.2
7	☐	100000.00	108196.66	15307103.83	5.8328	A	1.1
8	☐	500000.00	498248.27	72343579.67	26.8461	A	4.5

$$y = 5.3873\text{E-}005 * x + 0.0039$$

$$R = 0.9998$$

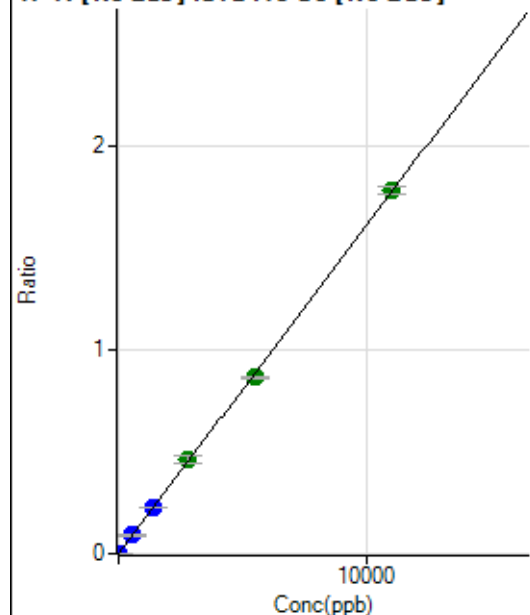
$$DL = 8.141$$

$$BEC = 72.49$$

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	180.56	0.0001	P	22.1
2	☐	5.000	5.229	2472.50	0.0009	P	3.7
3	☐	550.000	561.062	245130.52	0.0904	P	11.6
4	☐	1375.000	1399.059	622338.99	0.2254	P	1.7
5	☐	2750.000	2873.067	1233959.91	0.4628	A	9.1
6	☐	5500.000	5355.622	2448568.70	0.8627	A	1.6
7	☐	11000.000	11037.861	4665196.33	1.7778	A	2.1
8	☐			14253.06	0.0051	P	137.6

$$y = 1.6106\text{E-}004 * x + 6.8070\text{E-}005$$

$$R = 0.9998$$

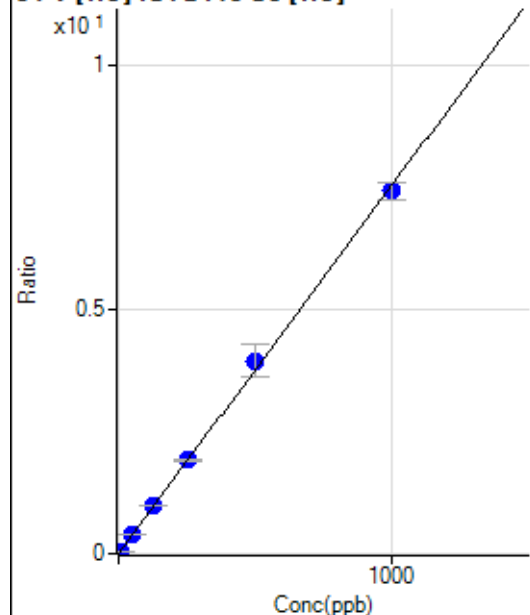
$$DL = 0.2799$$

$$BEC = 0.4226$$

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	0.00	0.0000	P	
2	☐	5.000	5.300	2615.82	0.0399	P	7.0
3	☐	50.000	51.843	26235.17	0.3905	P	2.7
4	☐	125.000	129.426	65895.04	0.9748	P	1.4
5	☐	250.000	254.553	128831.41	1.9172	P	1.9
6	☐	500.000	524.063	249447.40	3.9471	P	16.6
7	☐	1000.000	986.183	482673.14	7.4278	P	5.0
8	☐			3776.36	0.0550	P	126.2

$$y = 0.0075 * x + 0.0000\text{E}+000$$

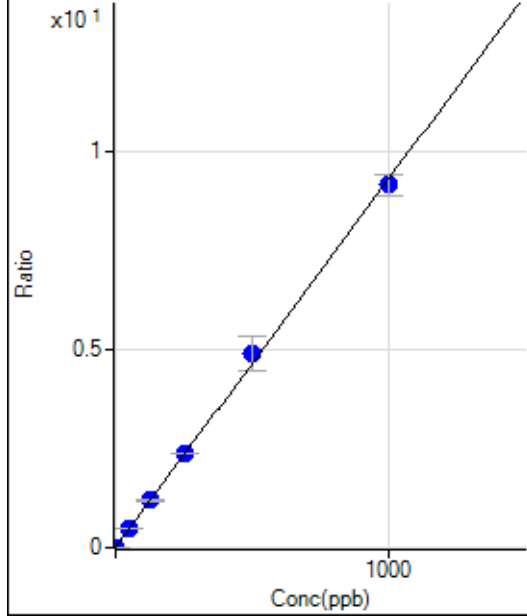
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

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	276.67	0.0042	P	7.6
2	☐	2.000	1.988	1486.76	0.0227	P	4.2
3	☐	50.000	52.178	32875.53	0.4893	P	3.2
4	☐	125.000	129.033	81375.28	1.2039	P	2.9
5	☐	250.000	255.234	159750.15	2.3773	P	0.8
6	☐	500.000	526.954	309724.47	4.9038	P	17.2
7	☐	1000.000	984.602	595069.97	9.1590	P	5.6
8	☐			5482.07	0.0803	P	101.7

$$y = 0.0093 * x + 0.0042$$

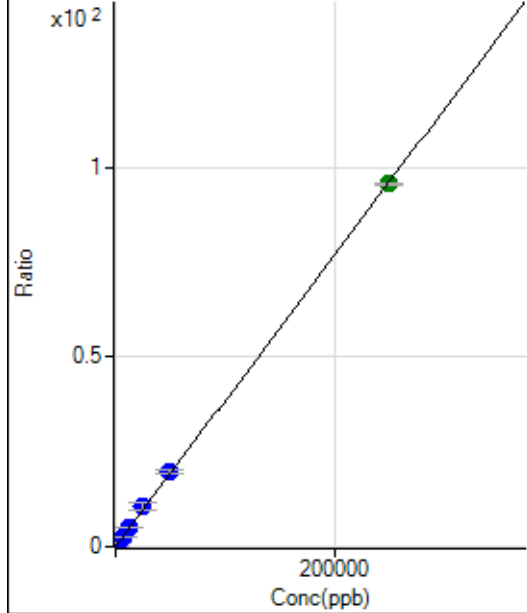
$$R = 0.9994$$

$$DL = 0.1025$$

$$BEC = 0.4499$$

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	277.79	0.0042	P	22.3
2	☐	50.000	53.277	1613.08	0.0246	P	12.8
3	☐	2500.000	2718.211	70270.21	1.0461	P	4.3
4	☐	6250.000	6769.582	175684.79	2.5990	P	1.6
5	☐	12500.000	13317.863	343304.40	5.1090	P	1.0
6	☐	25000.000	27339.051	661665.49	10.4834	P	17.9
7	☐	50000.000	51536.541	1283757.15	19.7584	P	5.4
8	☐	250000.00	249402.72	6387434.29	95.6014	A	0.6

$$y = 3.8330E-004 * x + 0.0042$$

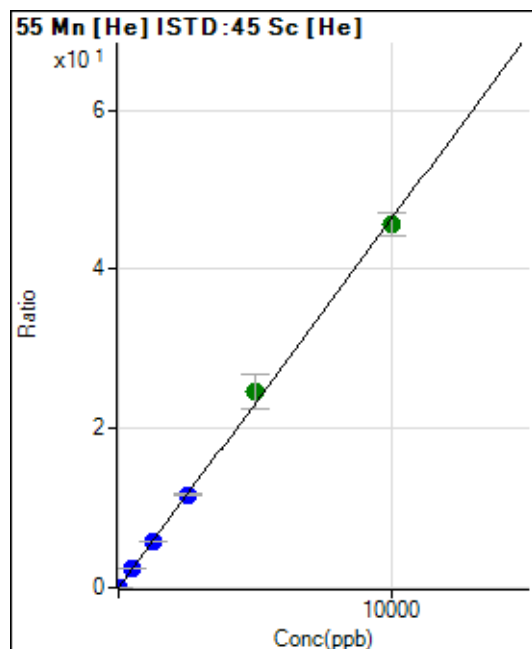
$$R = 0.9999$$

$$DL = 7.334$$

$$BEC = 10.97$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0004	P	38.5
2	☐	1.000	1.002	331.12	0.0050	P	7.0
3	☐	500.000	510.573	158930.60	2.3654	P	2.7
4	☐	1250.000	1265.566	396300.08	5.8626	P	1.3
5	☐	2500.000	2522.131	785088.31	11.6830	P	0.9
6	☐	5000.000	5304.980	1551376.68	24.5733	A	17.6
7	☐	10000.000	9839.503	2960313.57	45.5774	A	6.5
8	☐			21361.22	0.3114	P	124.0

$$y = 0.0046 * x + 4.0415E-004$$

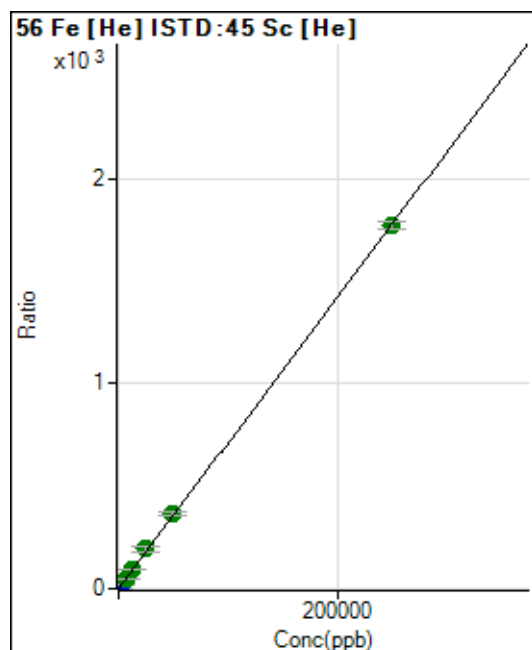
$$R = 0.9993$$

$$DL = 0.1007$$

$$BEC = 0.08725$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1727.91	0.0261	P	5.8
2	☐	50.000	51.035	25437.83	0.3877	P	2.2
3	☐	2500.000	2678.123	1276558.46	19.0021	P	3.4
4	☐	6250.000	6670.193	3196773.05	47.2880	A	1.6
5	☐	12500.000	13292.187	6330648.64	94.2084	A	0.8
6	☐	25000.000	27277.205	12211375.28	193.2998	A	16.9
7	☐	50000.000	51357.156	23646668.35	363.9192	A	5.2
8	☐	250000.00	249448.95	118048781.3	1,767.506	A	2.3

$$y = 0.0071 * x + 0.0261$$

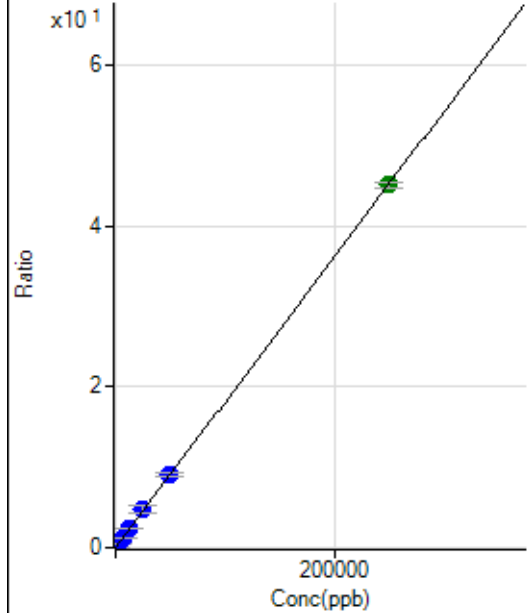
$$R = 1.0000$$

$$DL = 0.6415$$

$$BEC = 3.687$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.22	0.0018	P	15.4
2	☐	50.000	51.047	724.10	0.0111	P	14.4
3	☐	2500.000	2636.815	32071.36	0.4774	P	3.8
4	☐	6250.000	6450.382	78769.94	1.1652	P	1.2
5	☐	12500.000	12805.262	155312.39	2.3114	P	1.2
6	☐	25000.000	26476.215	301609.55	4.7770	P	17.5
7	☐	50000.000	49833.872	584099.96	8.9897	P	5.6
8	☐	250000.00	249863.96	3010406.92	45.0666	A	1.7

$$y = 1.8036E-004 * x + 0.0018$$

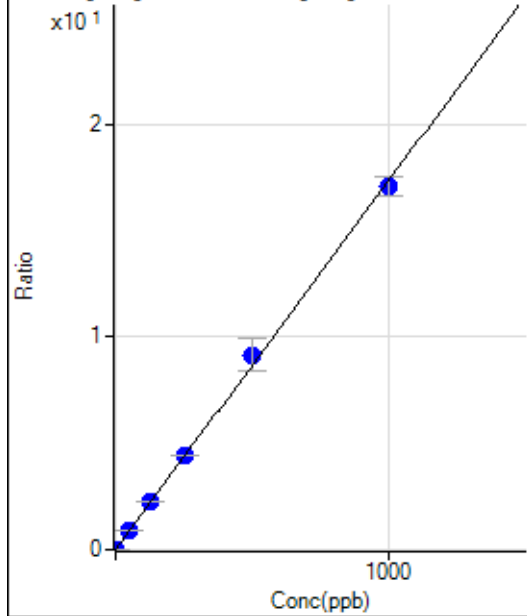
$$R = 1.0000$$

$$DL = 4.73$$

$$BEC = 10.23$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0005	P	13.1
2	☐	1.000	1.058	1233.40	0.0188	P	9.1
3	☐	50.000	52.845	61581.36	0.9166	P	2.7
4	☐	125.000	129.570	151868.36	2.2466	P	1.2
5	☐	250.000	255.911	298125.75	4.4368	P	0.8
6	☐	500.000	528.003	578117.21	9.1536	P	17.2
7	☐	1000.000	983.807	1108125.40	17.0551	P	5.4
8	☐			9827.56	0.1440	P	99.7

$$y = 0.0173 * x + 4.7052E-004$$

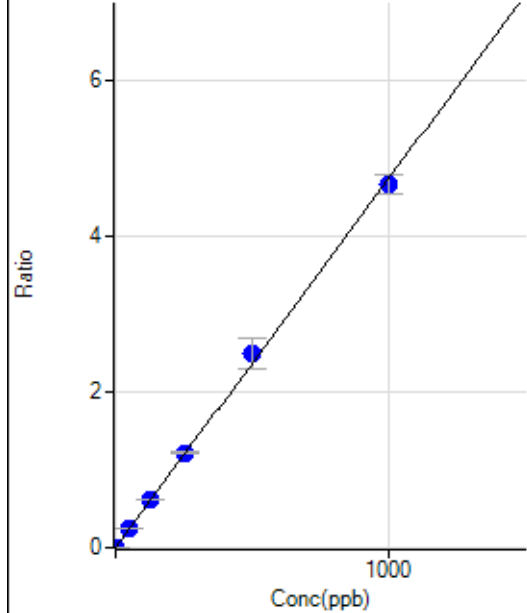
$$R = 0.9994$$

$$DL = 0.01067$$

$$BEC = 0.02714$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0010	P	21.0
2	☐	1.000	1.145	421.12	0.0064	P	11.0
3	☐	50.000	51.840	16526.36	0.2460	P	3.0
4	☐	125.000	130.501	41755.57	0.6177	P	1.1
5	☐	250.000	256.835	81626.81	1.2147	P	1.0
6	☐	500.000	526.940	157403.88	2.4911	P	16.7
7	☐	1000.000	984.041	302207.20	4.6511	P	5.4
8	☐			2682.75	0.0393	P	94.4

$$y = 0.0047 * x + 0.0010$$

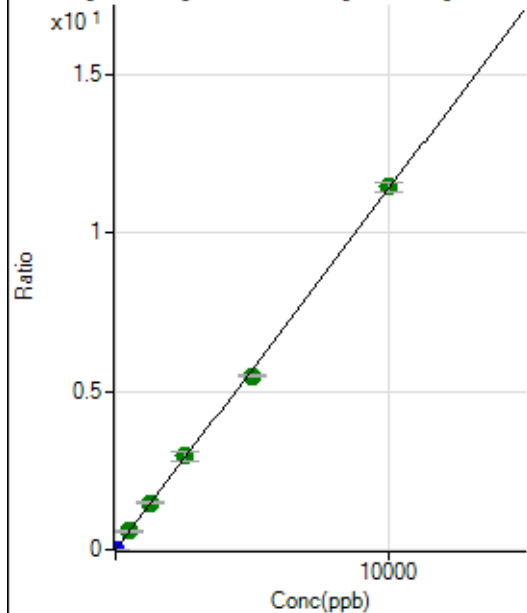
$$R = 0.9994$$

$$DL = 0.1348$$

$$BEC = 0.2135$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1405.37	0.0005	P	5.4
2	☐	2.000	2.034	7720.48	0.0028	P	4.2
3	☐	500.000	529.166	1633130.01	0.6023	A	11.2
4	☐	1250.000	1297.896	4076804.07	1.4766	A	1.6
5	☐	2500.000	2595.733	7871460.39	2.9525	A	9.3
6	☐	5000.000	4821.007	15564411.46	5.4832	A	0.4
7	☐	10000.000	10058.118	30015424.74	11.4391	A	2.4
8	☐			150937.60	0.0548	P	77.2

$$y = 0.0011 * x + 5.2918E-004$$

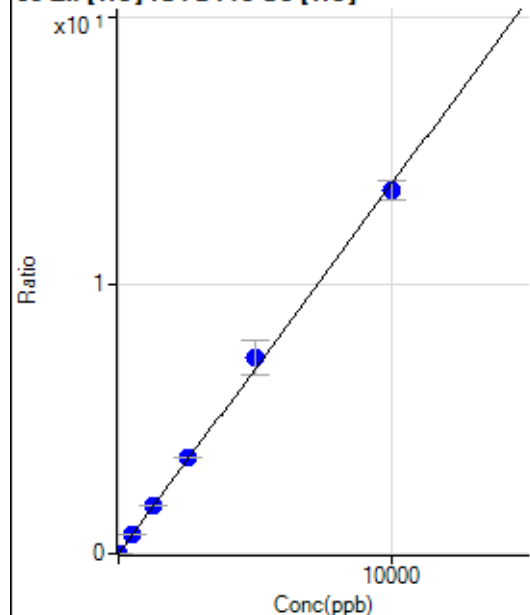
$$R = 0.9997$$

$$DL = 0.07596$$

$$BEC = 0.4653$$

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	53.33	0.0008	P	19.8
2	☐	2.000	2.216	252.23	0.0039	P	18.2
3	☐	500.000	527.744	48850.76	0.7273	P	4.7
4	☐	1250.000	1297.686	120818.23	1.7872	P	1.4
5	☐	2500.000	2594.499	240047.38	3.5724	P	0.6
6	☐	5000.000	5304.289	461217.74	7.3028	P	17.2
7	☐	10000.000	9816.883	878090.23	13.5149	P	5.5
8	☐			5404.77	0.0789	P	118.1

$$y = 0.0014 * x + 8.0710E-004$$

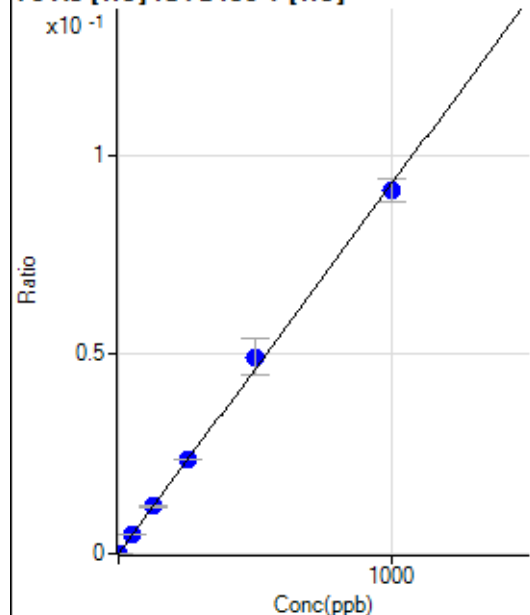
$$R = 0.9992$$

$$DL = 0.3481$$

$$BEC = 0.5863$$

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	4.67	0.0000	P	80.6
2	☐	1.000	1.062	66.34	0.0001	P	11.7
3	☐	50.000	51.508	3041.64	0.0048	P	3.9
4	☐	125.000	128.545	7671.19	0.0119	P	3.5
5	☐	250.000	256.464	15302.47	0.0238	P	0.4
6	☐	500.000	532.572	29501.60	0.0494	P	18.0
7	☐	1000.000	981.580	56735.03	0.0911	P	6.4
8	☐			289.06	0.0005	P	133.8

$$y = 9.2755E-005 * x + 7.3630E-006$$

$$R = 0.9992$$

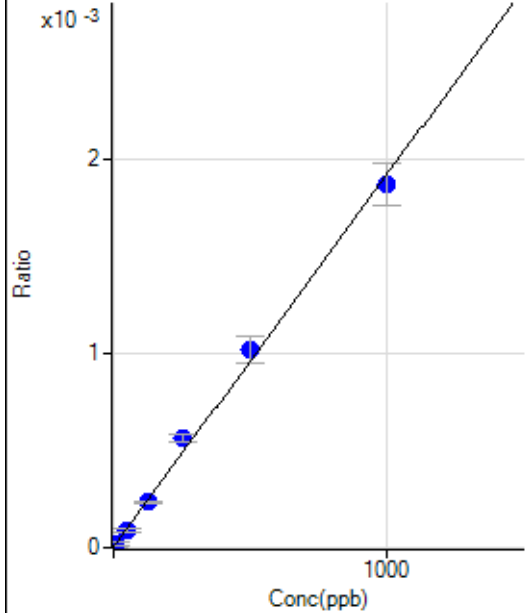
$$DL = 0.192$$

$$BEC = 0.07938$$

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	2.22	0.0000	P	86.6
2	☐	5.000	9.100	13.33	0.0000	P	128.7
3	☐	50.000	45.674	57.78	0.0001	P	16.8
4	☐	125.000	120.286	150.00	0.0002	P	6.9
5	☐	250.000	293.880	363.34	0.0006	P	6.4
6	☐	500.000	532.489	612.24	0.0010	P	13.5
7	☐	1000.000	973.570	1158.95	0.0019	P	11.7
8	☐			10.00	0.0000	P	98.9

$$y = 1.9108\text{E-}006 * x + 3.5083\text{E-}006$$

$$R = 0.9979$$

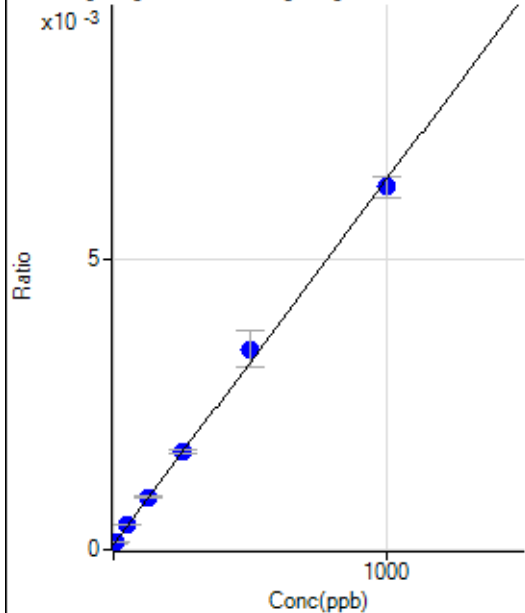
$$DL = 4.77$$

$$BEC = 1.836$$

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	55.34	0.0001	P	2.8
2	☐	5.000	7.573	84.68	0.0001	P	9.8
3	☐	50.000	54.463	272.70	0.0004	P	6.3
4	☐	125.000	130.919	584.07	0.0009	P	2.4
5	☐	250.000	252.579	1074.48	0.0017	P	3.7
6	☐	500.000	536.180	2058.36	0.0034	P	18.4
7	☐	1000.000	980.289	3884.60	0.0062	P	5.5
8	☐			65.01	0.0001	P	39.7

$$y = 6.2684\text{E-}006 * x + 8.7543\text{E-}005$$

$$R = 0.9990$$

$$DL = 1.177$$

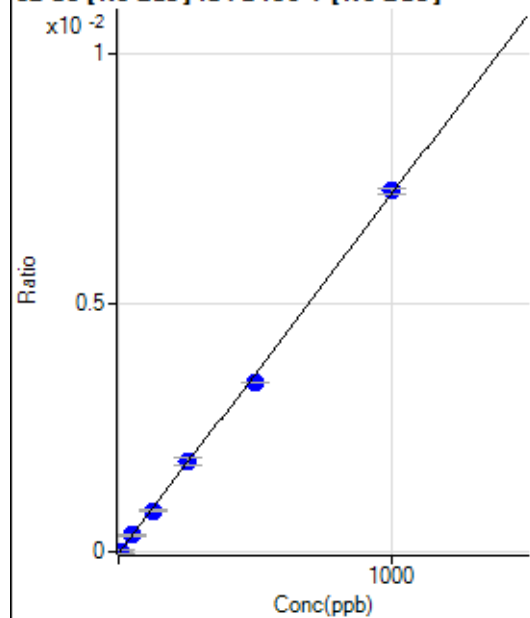
$$BEC = 13.97$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21040.92		P	1.1
2	☐			20045.06		P	2.0
3	☐			19721.16		P	1.9
4	☐			19704.17		P	0.7
5	☐			20011.61		P	5.3
6	☐			19256.44		P	3.4
7	☐			18478.03		P	2.2
8	☐			18548.17		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-168.74	0.0000	P	-339.
2	☐	5.000	7.275	167.16	0.0000	P	287.9
3	☐	50.000	50.871	2211.12	0.0003	P	21.4
4	☐	125.000	119.541	5640.24	0.0008	P	6.9
5	☐	250.000	258.411	11957.85	0.0018	P	8.6
6	☐	500.000	476.400	23406.67	0.0034	P	0.6
7	☐	1000.000	1010.325	46526.80	0.0073	P	1.6
8	☐			401.22	0.0001	P	74.1

$$y = 7.2236E-006 * x - 2.6626E-005$$

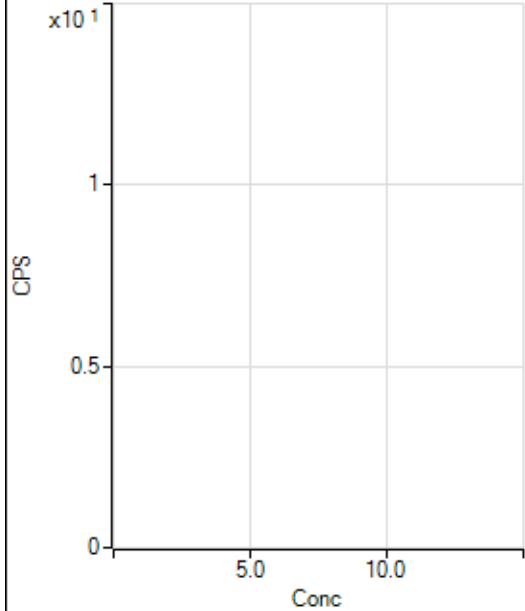
$$R = 0.9995$$

$$DL = 37.52$$

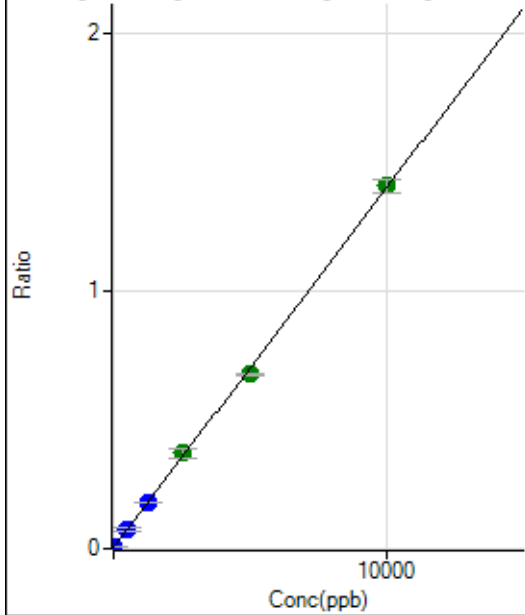
$$BEC = -3.686$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15865.73		P	2.9
2	☐			15596.55		P	2.1
3	☐			16167.21		P	1.8
4	☐			16168.30		P	0.6
5	☐			15731.14		P	1.4
6	☐			15449.71		P	2.1
7	☐			15448.60		P	0.3
8	☐			15134.96		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25139.73	0.0039	P	2.3
2	☐	1.000	0.431	26439.54	0.0040	P	0.5
3	☐	500.000	507.032	487608.08	0.0747	P	11.1
4	☐	1250.000	1248.918	1201469.57	0.1783	P	0.8
5	☐	2500.000	2625.807	2406104.33	0.3704	A	9.6
6	☐	5000.000	4817.541	4635884.65	0.6763	A	1.7
7	☐	10000.000	10059.561	9006026.68	1.4079	A	3.6
8	☐			56424.21	0.0086	P	56.3

$$y = 1.3956E-004 * x + 0.0039$$

$$R = 0.9997$$

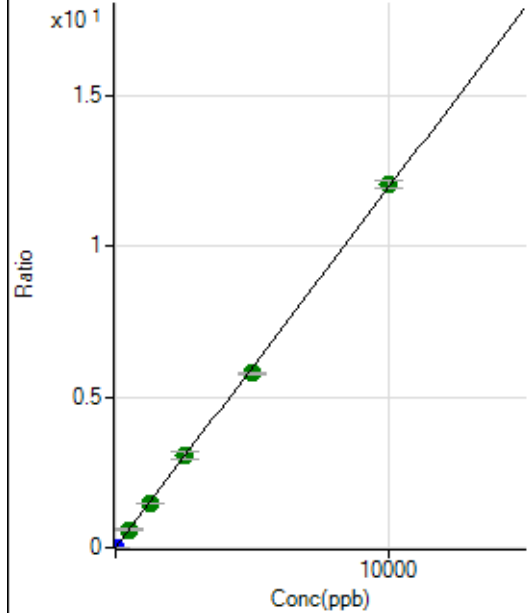
$$DL = 1.994$$

$$BEC = 28.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	227.79	0.0000	P	3.7
2	☐	1.000	0.974	7921.92	0.0012	P	3.8
3	☐	500.000	495.167	3869408.07	0.5927	A	10.7
4	☐	1250.000	1212.549	9782543.19	1.4513	A	0.6
5	☐	2500.000	2566.018	19956245.59	3.0713	A	9.0
6	☐	5000.000	4834.470	39663750.54	5.7863	A	0.9
7	☐	10000.000	10071.184	77120964.92	12.0541	A	1.9
8	☐			307965.29	0.0463	M	108.6

$$y = 0.0012 * x + 3.5786E-005$$

$$R = 0.9998$$

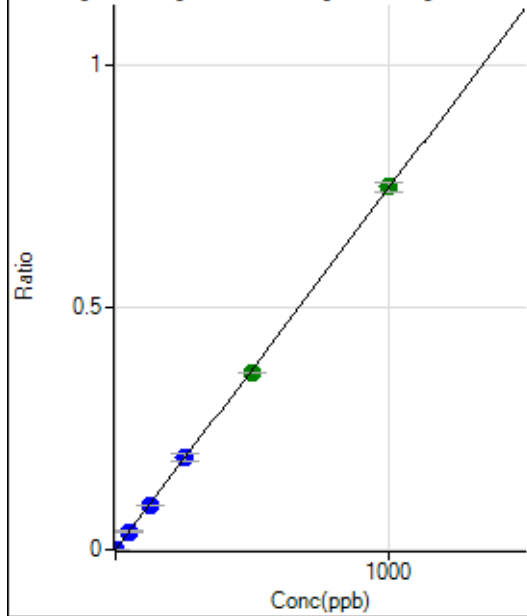
$$DL = 0.003303$$

$$BEC = 0.0299$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	355.57	0.0001	P	5.3
2	☐	1.000	0.885	4712.04	0.0007	P	4.1
3	☐	50.000	49.710	241921.87	0.0371	P	10.9
4	☐	125.000	123.078	617974.22	0.0917	P	0.4
5	☐	250.000	255.383	1235695.01	0.1902	P	9.0
6	☐	500.000	489.087	2496210.24	0.3642	A	0.5
7	☐	1000.000	1004.365	4783629.54	0.7478	A	2.6
8	☐			17122.53	0.0026	P	104.0

$$y = 7.4446E-004 * x + 5.5853E-005$$

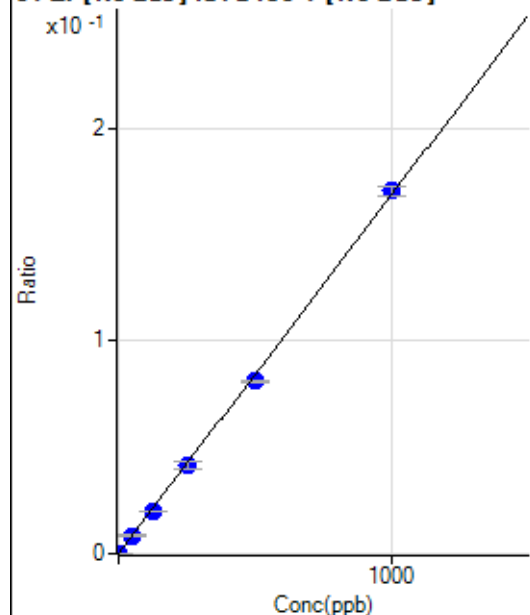
$$R = 0.9999$$

$$DL = 0.01186$$

$$BEC = 0.07503$$

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	102.78	0.0000	P	17.8
2	☐	1.000	0.968	1183.42	0.0002	P	8.2
3	☐	50.000	48.887	53846.47	0.0083	P	12.0
4	☐	125.000	119.039	135331.57	0.0201	P	0.6
5	☐	250.000	248.092	271871.80	0.0418	P	8.2
6	☐	500.000	480.413	555080.00	0.0810	P	0.9
7	☐	1000.000	1011.071	1090111.10	0.1704	P	2.7
8	☐			4027.87	0.0006	P	102.5

$$y = 1.6852\text{E-}004 * x + 1.6163\text{E-}005$$

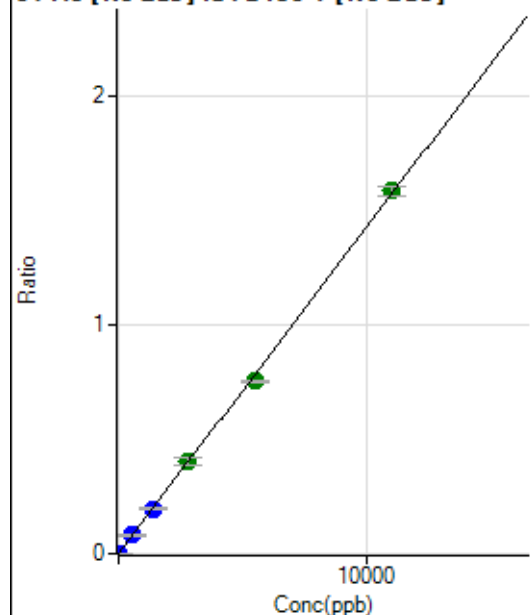
$$R = 0.9997$$

$$DL = 0.05109$$

$$BEC = 0.09591$$

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	166.67	0.0000	P	21.9
2	☐	5.000	5.766	5604.05	0.0008	P	4.1
3	☐	550.000	560.055	522383.28	0.0800	P	11.1
4	☐	1375.000	1382.105	1331063.02	0.1975	P	1.4
5	☐	2750.000	2815.017	2614594.22	0.4022	A	8.0
6	☐	5500.000	5265.655	5156896.51	0.7523	A	1.4
7	☐	11000.000	11099.527	10144931.30	1.5858	A	2.4
8	☐			33601.62	0.0050	P	109.3

$$y = 1.4286\text{E-}004 * x + 2.6144\text{E-}005$$

$$R = 0.9996$$

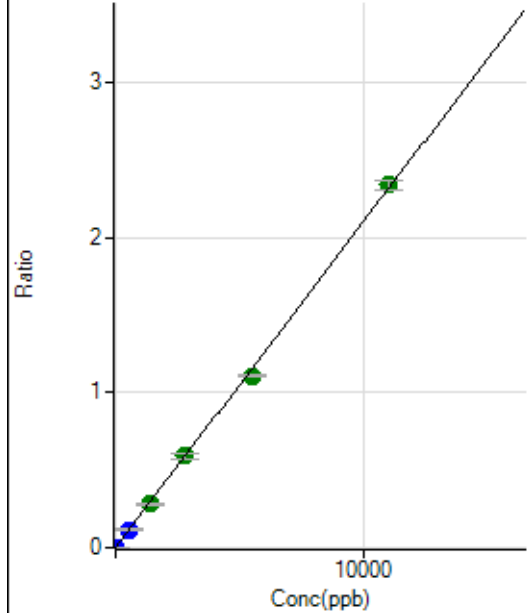
$$DL = 0.1201$$

$$BEC = 0.183$$

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	19.44	0.0000	P	48.7
2	☐	5.000	4.787	6676.77	0.0010	P	3.4
3	☐	550.000	549.866	756465.15	0.1159	P	11.0
4	☐	1375.000	1331.101	1891031.75	0.2806	A	1.2
5	☐	2750.000	2804.591	3844312.33	0.5911	A	7.1
6	☐	5500.000	5253.273	7589893.75	1.1072	A	1.5
7	☐	11000.000	11115.210	14988076.38	2.3428	A	2.4
8	☐			53738.91	0.0081	P	108.8

$$y = 2.1077\text{E-}004 * x + 3.0388\text{E-}006$$

$$R = 0.9996$$

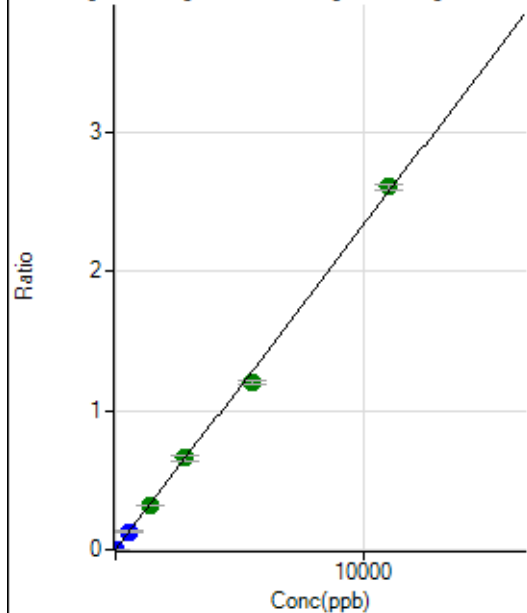
$$DL = 0.02105$$

$$BEC = 0.01442$$

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	105.56	0.0000	P	18.1
2	☐	5.000	4.550	7110.31	0.0011	P	7.0
3	☐	550.000	545.008	830373.56	0.1272	P	11.1
4	☐	1375.000	1348.964	2122292.02	0.3149	A	1.4
5	☐	2750.000	2810.909	4267048.40	0.6561	A	7.0
6	☐	5500.000	5151.798	8242584.04	1.2025	A	2.0
7	☐	11000.000	11162.378	16670822.77	2.6054	A	1.5
8	☐			57363.38	0.0086	P	97.1

$$y = 2.3341\text{E-}004 * x + 1.6609\text{E-}005$$

$$R = 0.9993$$

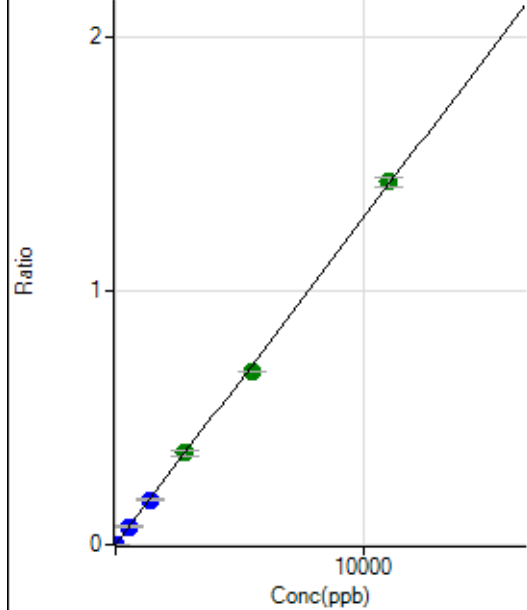
$$DL = 0.03866$$

$$BEC = 0.07116$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	5.000	4.847	4125.72	0.0006	P	5.6
3	☐	550.000	557.912	468996.64	0.0718	P	10.7
4	☐	1375.000	1379.802	1197568.84	0.1777	P	1.2
5	☐	2750.000	2799.618	2344382.86	0.3605	A	7.2
6	☐	5500.000	5295.320	4673981.88	0.6819	A	0.6
7	☐	11000.000	11088.940	9136677.20	1.4279	A	2.4
8	☐			29973.05	0.0045	P	107.4

$$y = 1.2877\text{E-}004 * x + 1.7585\text{E-}006$$

$$R = 0.9997$$

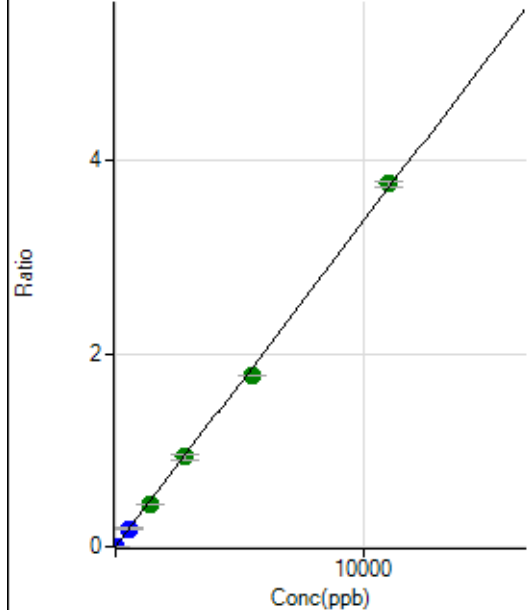
$$DL = 0.03549$$

$$BEC = 0.01366$$

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	38.89	0.0000	P	43.1
2	☐	5.000	4.575	10229.05	0.0016	P	4.7
3	☐	550.000	547.911	1208851.11	0.1851	P	10.1
4	☐	1375.000	1317.623	3000550.59	0.4451	A	1.2
5	☐	2750.000	2746.137	6034975.57	0.9277	A	6.6
6	☐	5500.000	5257.190	12174330.22	1.7760	A	0.3
7	☐	11000.000	11129.647	24060322.07	3.7599	A	1.4
8	☐			75359.88	0.0113	P	99.4

$$y = 3.3783\text{E-}004 * x + 6.0815\text{E-}006$$

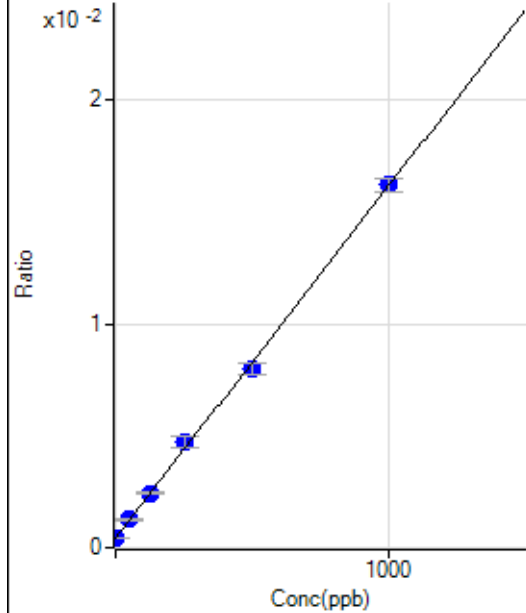
$$R = 0.9996$$

$$DL = 0.0233$$

$$BEC = 0.018$$

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	1536.24	0.0004	P	5.9
2	☐	1.000	-0.635	1497.35	0.0004	P	0.9
3	☐	50.000	52.653	4628.71	0.0013	P	6.7
4	☐	125.000	127.527	9061.54	0.0024	P	3.9
5	☐	250.000	271.950	17405.83	0.0047	P	11.7
6	☐	500.000	481.906	32188.40	0.0080	P	6.1
7	☐	1000.000	1003.112	63563.87	0.0162	P	3.4
8	☐			1652.96	0.0004	P	13.3

$$y = 1.5755\text{E-}005 * x + 4.2449\text{E-}004$$

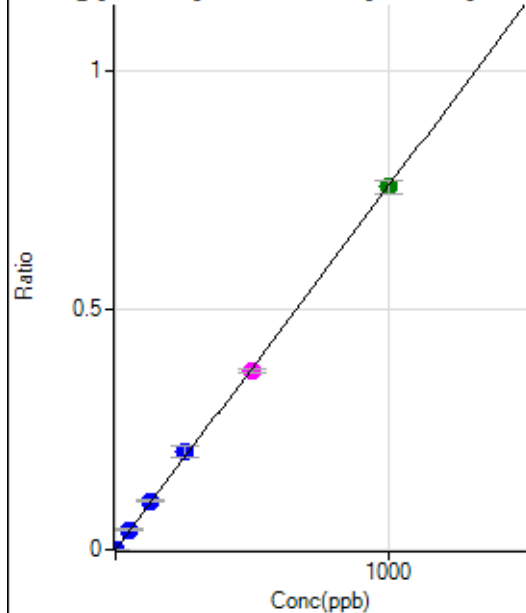
$$R = 0.9995$$

$$DL = 4.729$$

$$BEC = 26.94$$

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	66.67	0.0000	P	22.2
2	☐	1.000	0.957	2689.22	0.0007	P	3.2
3	☐	50.000	53.561	149453.80	0.0407	P	12.0
4	☐	125.000	133.591	377648.14	0.1014	P	1.9
5	☐	250.000	271.155	760681.17	0.2058	P	10.9
6	☐	500.000	491.401	1498384.62	0.3729	M	2.0
7	☐	1000.000	997.759	2965062.42	0.7571	A	3.6
8	☐			1394.56	0.0004	P	5.5

$$y = 7.5876\text{E-}004 * x + 1.8431\text{E-}005$$

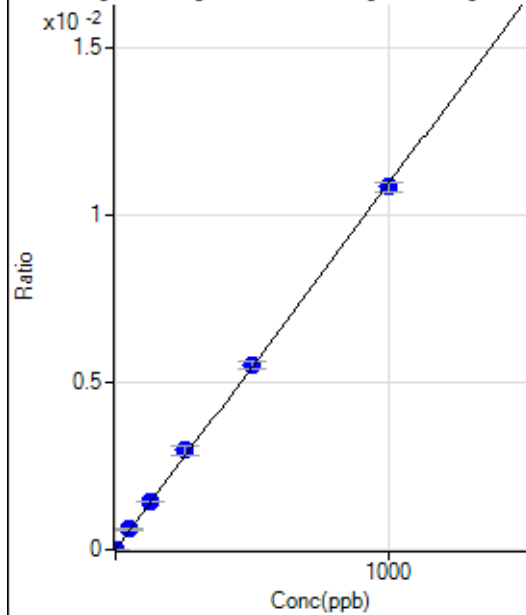
$$R = 0.9997$$

$$DL = 0.01619$$

$$BEC = 0.02429$$

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	16.67	0.0000	P	24.8
2	☐	1.000	1.305	68.05	0.0000	P	31.4
3	☐	50.000	55.746	2257.16	0.0006	P	14.6
4	☐	125.000	131.395	5376.10	0.0014	P	1.3
5	☐	250.000	270.466	10972.56	0.0030	P	9.5
6	☐	500.000	504.178	22188.84	0.0055	P	3.9
7	☐	1000.000	991.708	42550.31	0.0109	P	2.4
8	☐			179.18	0.0000	P	78.2

$$y = 1.0948\text{E-}005 * x + 4.6034\text{E-}006$$

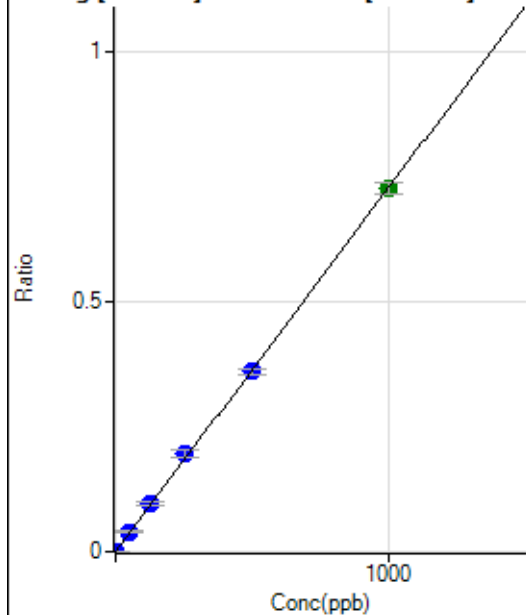
$$R = 0.9998$$

$$DL = 0.3131$$

$$BEC = 0.4205$$

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	22.22	0.0000	P	22.2
2	☐	1.000	1.025	2717.01	0.0008	P	5.7
3	☐	50.000	53.105	142218.30	0.0387	P	10.9
4	☐	125.000	132.259	358406.46	0.0963	P	4.4
5	☐	250.000	268.978	724564.69	0.1958	P	9.1
6	☐	500.000	494.257	1445074.42	0.3598	P	3.5
7	☐	1000.000	997.064	2843005.03	0.7257	A	3.3
8	☐			1283.43	0.0003	P	16.8

$$y = 7.2785\text{E-}004 * x + 6.1437\text{E-}006$$

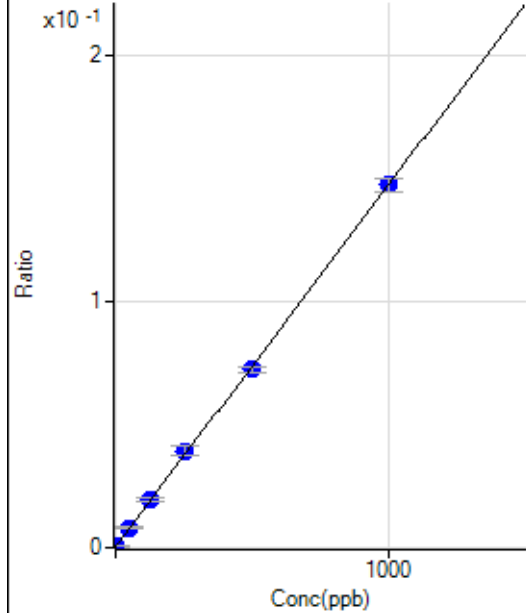
$$R = 0.9998$$

$$DL = 0.005614$$

$$BEC = 0.008441$$

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	1073.43	0.0003	P	5.8
2	☐	1.000	0.894	1547.75	0.0004	P	2.3
3	☐	50.000	52.987	29802.89	0.0081	P	11.6
4	☐	125.000	130.727	72829.07	0.0196	P	4.4
5	☐	250.000	265.947	145980.18	0.0395	P	11.1
6	☐	500.000	490.407	291547.69	0.0726	P	3.1
7	☐	1000.000	999.944	578362.53	0.1477	P	3.4
8	☐			2486.55	0.0006	P	58.7

$$y = 1.4737E-004 * x + 2.9661E-004$$

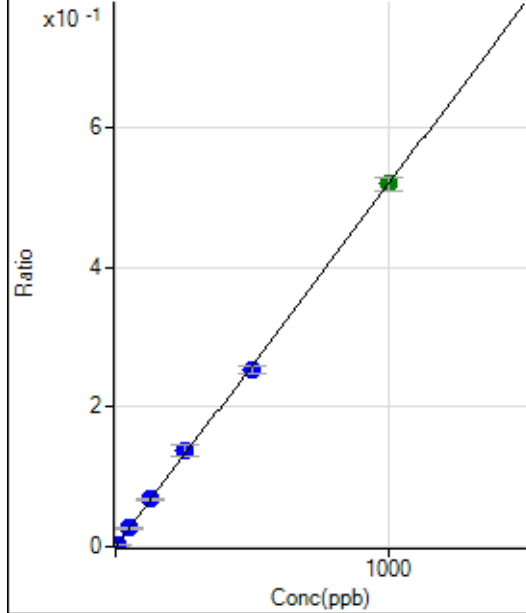
$$R = 0.9998$$

$$DL = 0.35$$

$$BEC = 2.013$$

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	263.90	0.0001	P	17.2
2	☐	5.000	5.207	10026.21	0.0028	P	0.3
3	☐	50.000	51.855	99209.54	0.0270	P	12.0
4	☐	125.000	131.431	254257.27	0.0683	P	4.2
5	☐	250.000	267.012	512466.73	0.1387	P	11.6
6	☐	500.000	489.329	1020410.19	0.2541	P	4.5
7	☐	1000.000	1000.185	2033486.14	0.5192	A	4.0
8	☐			4790.58	0.0012	P	80.5

$$y = 5.1906E-004 * x + 7.2785E-005$$

$$R = 0.9998$$

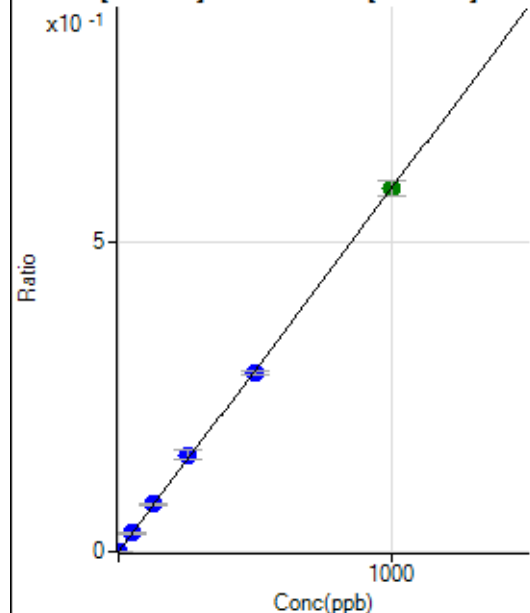
$$DL = 0.07219$$

$$BEC = 0.1402$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.1
2	☐	2.000	2.030	4320.24	0.0012	P	2.5
3	☐	50.000	51.954	111884.98	0.0304	P	10.7
4	☐	125.000	130.687	284807.02	0.0765	P	3.3
5	☐	250.000	265.418	574387.67	0.1553	P	10.4
6	☐	500.000	492.776	1158648.42	0.2884	P	2.1
7	☐	1000.000	998.949	2289238.33	0.5846	A	4.1
8	☐			5539.47	0.0014	P	79.2

$$y = 5.8518\text{E-}004 * x + 7.6837\text{E-}006$$

$$R = 0.9998$$

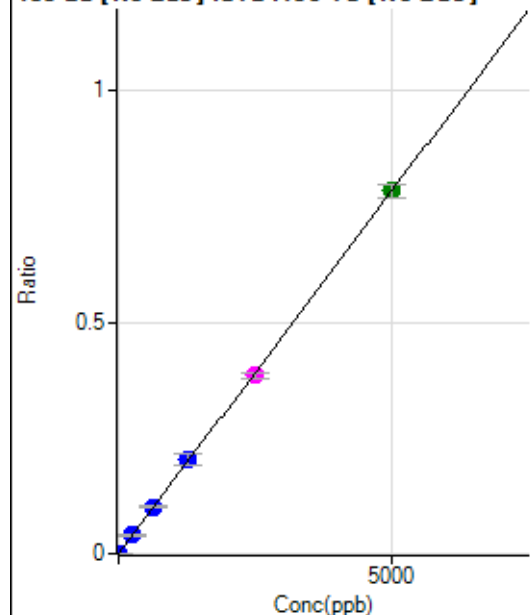
$$DL = 0.01383$$

$$BEC = 0.01313$$

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	2.78	0.0000	P	173.2
2	☐	10.000	10.516	5943.14	0.0016	P	5.7
3	☐	250.000	257.348	148252.89	0.0403	P	10.2
4	☐	625.000	642.866	374737.58	0.1006	P	2.6
5	☐	1250.000	1300.911	752902.09	0.2036	P	10.6
6	☐	2500.000	2456.417	1544667.39	0.3845	M	2.4
7	☐	5000.000	5006.462	3069044.34	0.7836	A	3.6
8	☐			6616.45	0.0017	P	85.1

$$y = 1.5652\text{E-}004 * x + 7.7783\text{E-}007$$

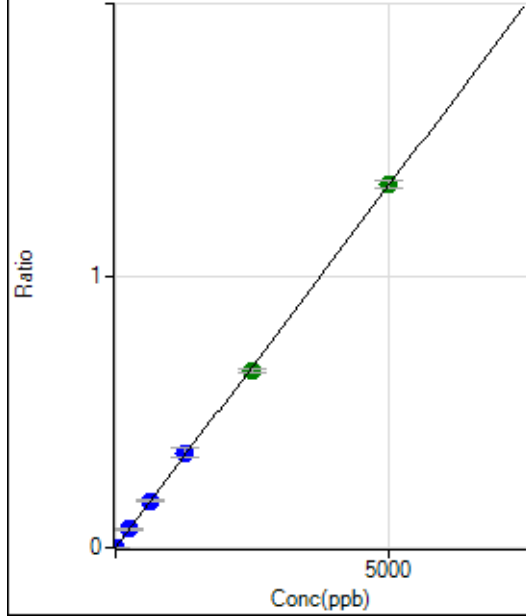
$$R = 0.9999$$

$$DL = 0.02582$$

$$BEC = 0.00497$$

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	13.89	0.0000	P	33.8
2	☐	10.000	9.926	9553.61	0.0026	P	6.0
3	☐	250.000	255.929	250630.02	0.0681	P	11.0
4	☐	625.000	648.948	643340.70	0.1728	P	3.0
5	☐	1250.000	1310.262	1289974.34	0.3488	P	10.3
6	☐	2500.000	2438.952	2608373.09	0.6493	A	2.7
7	☐	5000.000	5012.169	5227003.11	1.3343	A	2.3
8	☐			12565.93	0.0033	P	91.8

$$y = 2.6620E-004 * x + 3.8258E-006$$

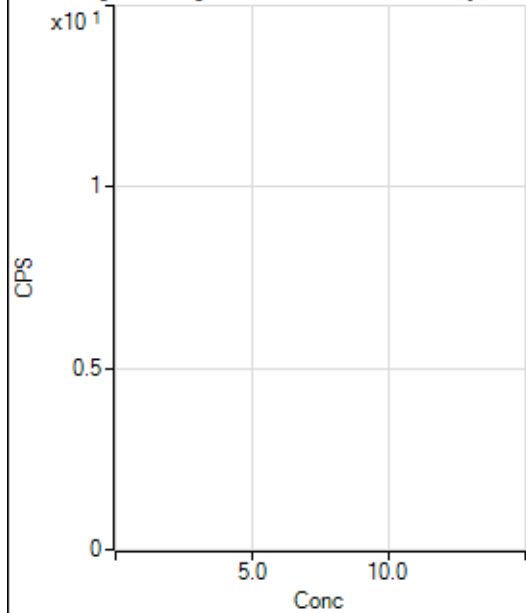
$$R = 0.9998$$

$$DL = 0.01456$$

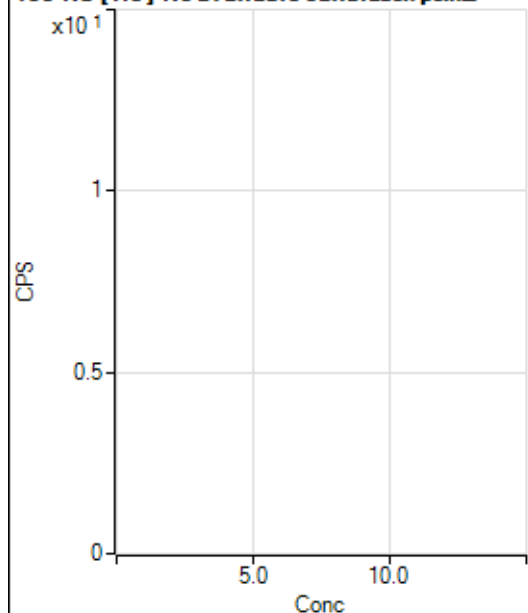
$$BEC = 0.01437$$

Weight: <None>

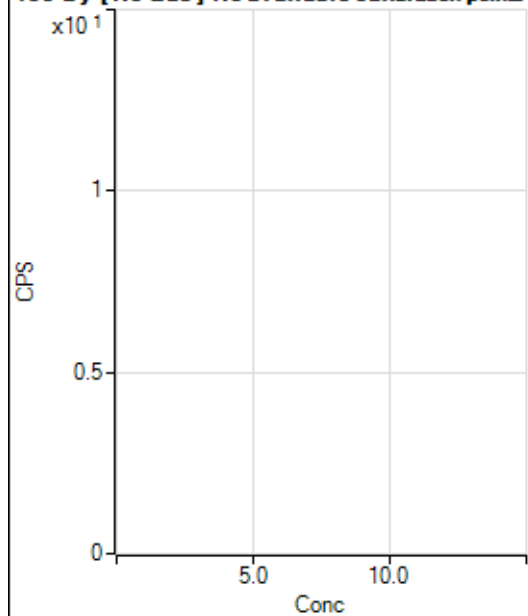
Min Conc: 0

150 Nd [No Gas] No available calibration points

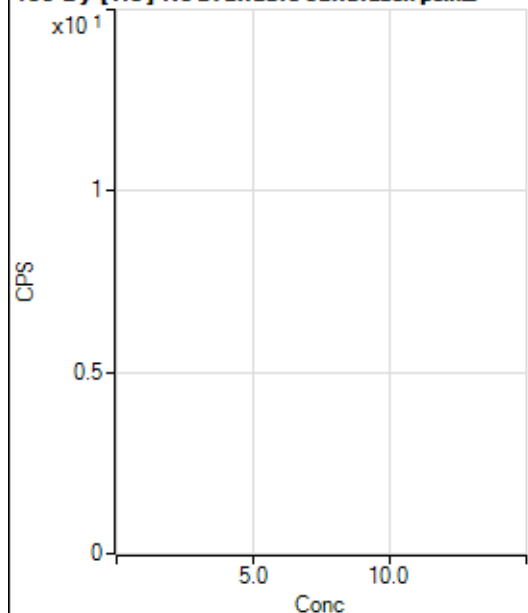
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐			6.67		P	100.0
3	☐			17.78		P	78.1
4	☐			33.34		P	34.6
5	☐			44.44		P	17.3
6	☐			100.00		P	13.3
7	☐			157.78		P	19.1
8	☐			24.45		P	15.8

150 Nd [He] No available calibration points

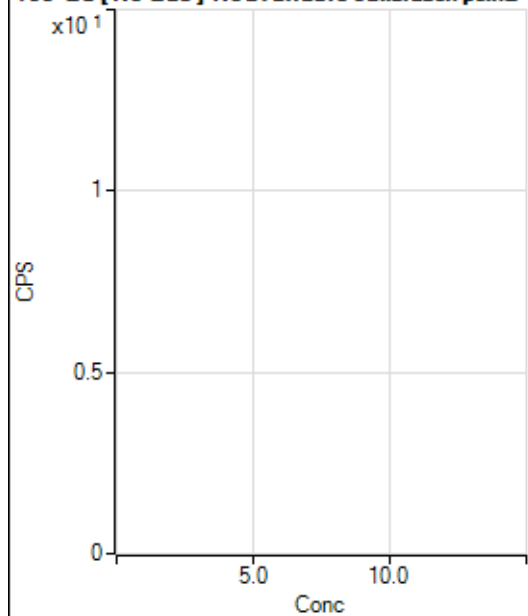
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			12.22		P	31.5
7	☐			8.89		P	94.4
8	☐			4.44		P	114.6

156 Dy [No Gas] No available calibration points

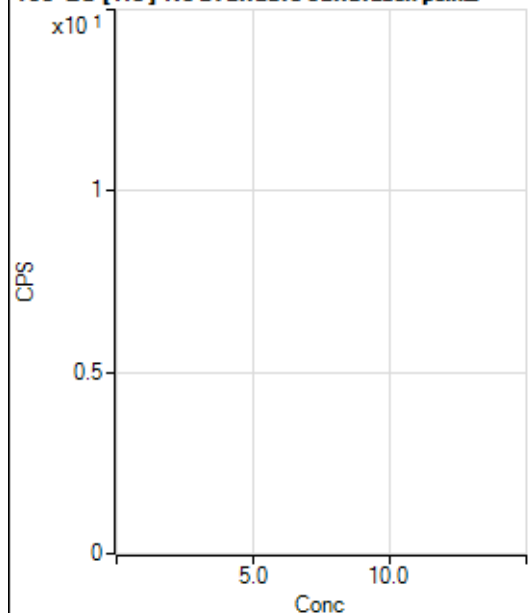
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			11.11		P	114.6
3	☐			30.55		P	68.6
4	☐			36.11		P	53.3
5	☐			55.56		P	17.3
6	☐			69.45		P	27.7
7	☐			141.67		P	5.9
8	☐			466.69		P	9.3

156 Dy [He] No available calibration points

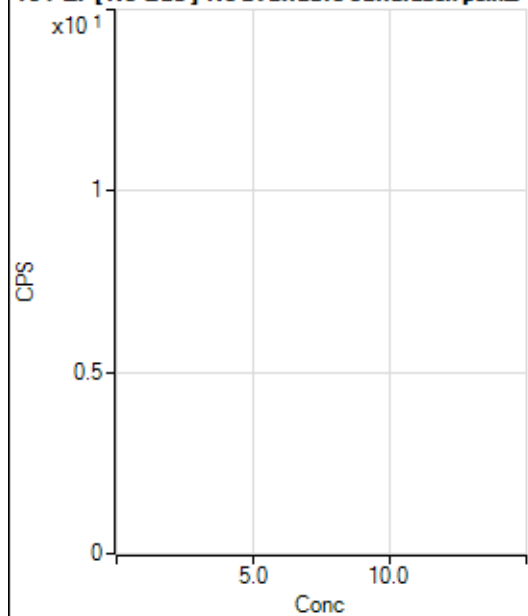
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			2.22		P	86.6
4	☐			11.11		P	34.6
5	☐			13.33		P	43.3
6	☐			32.22		P	74.8
7	☐			54.44		P	39.8
8	☐			231.12		P	8.5

160 Gd [No Gas] Noavailable calibration poin_

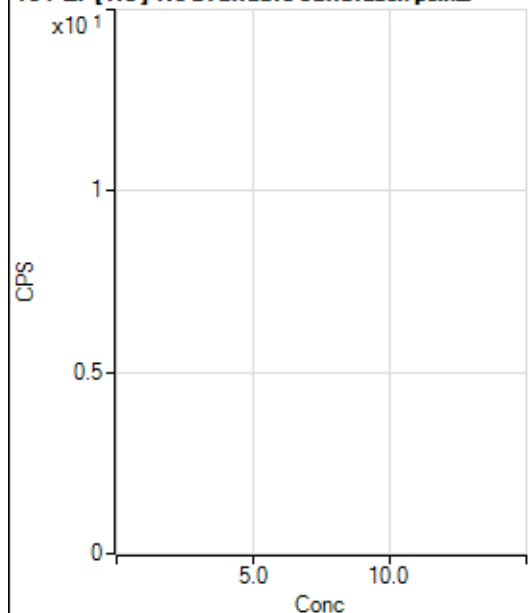
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐			22.22		P	21.6
3	☐			41.67		P	20.0
4	☐			47.22		P	10.2
5	☐			55.56		P	34.6
6	☐			72.23		P	24.0
7	☐			113.89		P	23.5
8	☐			325.01		P	16.0

160 Gd [He] No available calibration points

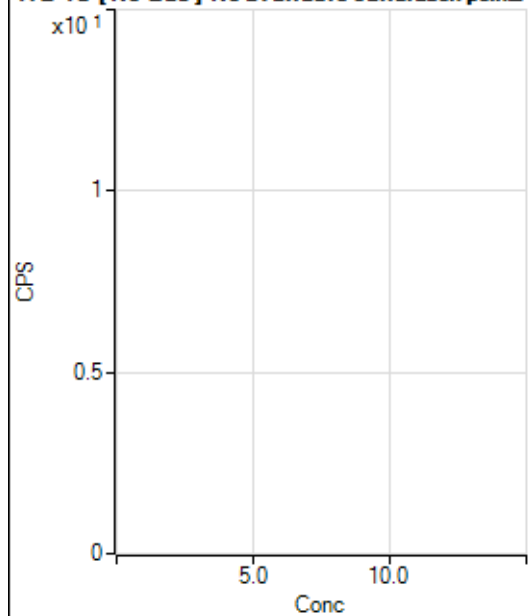
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	33.1
2	☐			33.33		P	52.9
3	☐			26.67		P	33.1
4	☐			28.89		P	17.6
5	☐			44.44		P	49.9
6	☐			35.56		P	23.6
7	☐			74.44		P	25.9
8	☐			255.56		P	10.5

164 Er [No Gas] No available calibration points

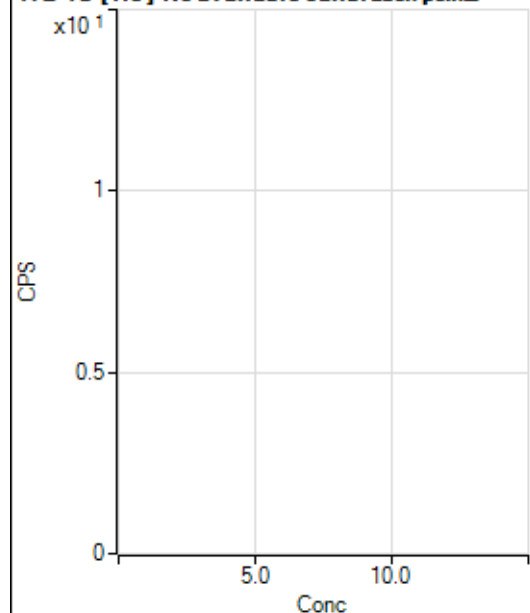
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			30.56		P	56.8
3	☐			16.67		P	100.0
4	☐			44.44		P	60.3
5	☐			36.11		P	13.3
6	☐			50.00		P	0.0
7	☐			55.56		P	56.8
8	☐			100.00		P	22.0

164 Er [He] No available calibration points

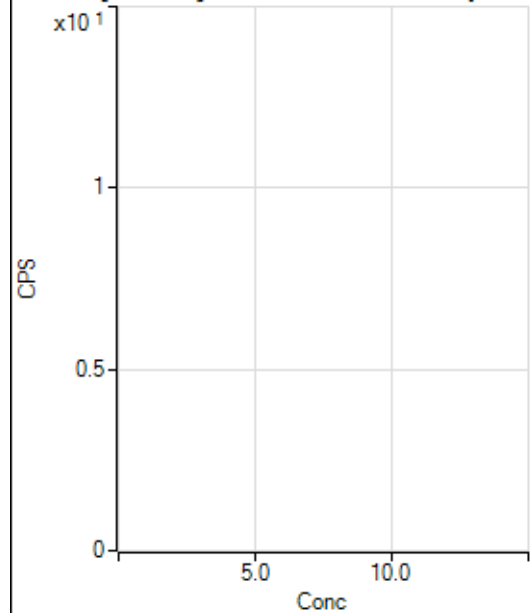
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	107.8
2	☐			17.78		P	47.2
3	☐			15.55		P	68.9
4	☐			12.22		P	15.7
5	☐			11.11		P	69.3
6	☐			18.89		P	10.2
7	☐			16.67		P	20.0
8	☐			44.44		P	31.2

172 Yb [No Gas] No available calibration points

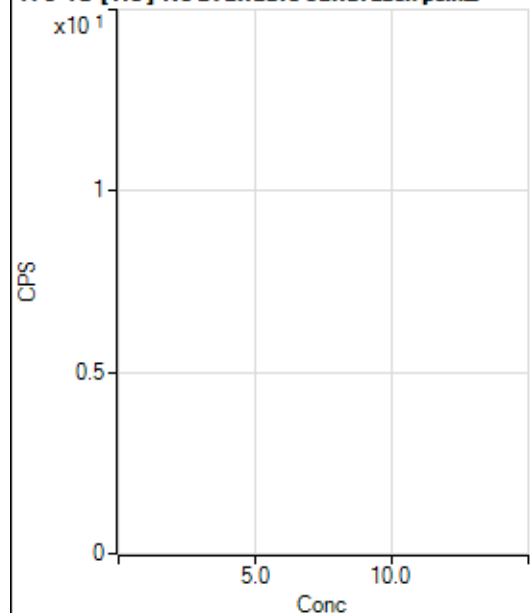
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			25.00		P	57.7
3	☐			13.89		P	91.6
4	☐			11.11		P	173.2
5	☐			25.00		P	88.2
6	☐			19.44		P	99.0
7	☐			30.56		P	31.5
8	☐			66.67		P	12.5

172 Yb [He] No available calibration points

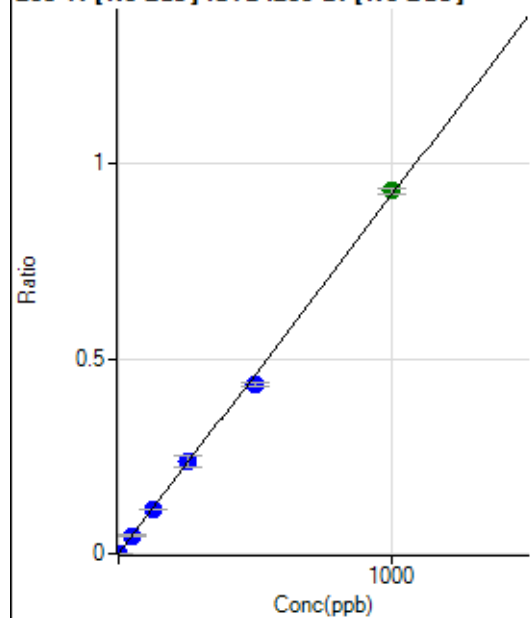
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.85		P	173.2
2	☐			5.56		P	100.0
3	☐			3.70		P	173.2
4	☐			1.85		P	173.2
5	☐			7.41		P	43.2
6	☐			7.41		P	114.5
7	☐			12.96		P	107.9
8	☐			44.45		P	76.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			405.57		P	17.5
2	☐			411.13		P	4.7
3	☐			830.61		P	10.2
4	☐			1344.56		P	4.7
5	☐			2266.93		P	8.4
6	☐			4264.70		P	6.7
7	☐			8088.83		P	3.4
8	☐			508.36		P	10.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2124.28		P	2.3
2	☐			2061.31		P	4.0
3	☐			2331.74		P	8.1
4	☐			2631.79		P	4.0
5	☐			3224.53		P	7.0
6	☐			4234.09		P	6.3
7	☐			6316.43		P	1.6
8	☐			2213.19		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	227.79	0.0001	P	11.6
2	☐	1.000	0.873	1669.61	0.0009	P	8.3
3	☐	50.000	48.902	80755.37	0.0450	P	10.3
4	☐	125.000	121.134	206571.92	0.1114	P	0.8
5	☐	250.000	256.722	428572.60	0.2359	P	11.3
6	☐	500.000	473.637	875896.15	0.4351	P	2.4
7	☐	1000.000	1012.039	1852454.71	0.9295	A	1.7
8	☐			4216.05	0.0022	P	122.2

$$y = 9.1828\text{E-}004 * x + 1.2637\text{E-}004$$

$$R = 0.9995$$

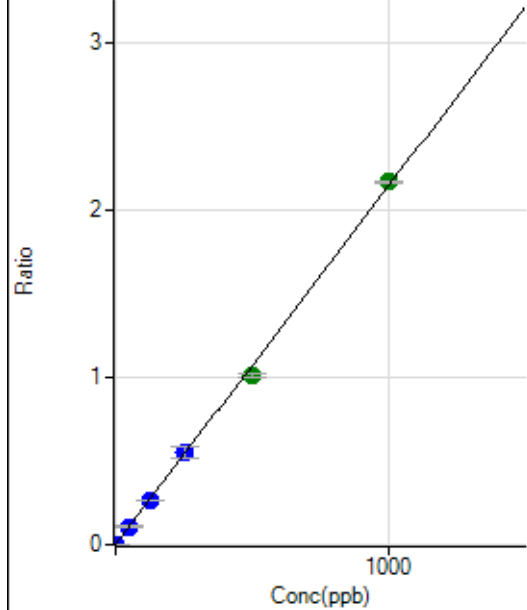
$$DL = 0.04774$$

$$BEC = 0.1376$$

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	513.92	0.0003	P	19.1
2	☐	1.000	0.933	4120.24	0.0023	P	3.6
3	☐	50.000	49.794	192023.59	0.1072	P	11.9
4	☐	125.000	121.917	486061.84	0.2620	P	0.1
5	☐	250.000	258.467	1008734.10	0.5552	P	11.3
6	☐	500.000	473.195	2045914.67	1.0162	A	2.7
7	☐	1000.000	1011.681	4329841.24	2.1722	A	0.6
8	☐			9948.88	0.0052	P	126.7

$$y = 0.0021 * x + 2.8553E-004$$

$$R = 0.9994$$

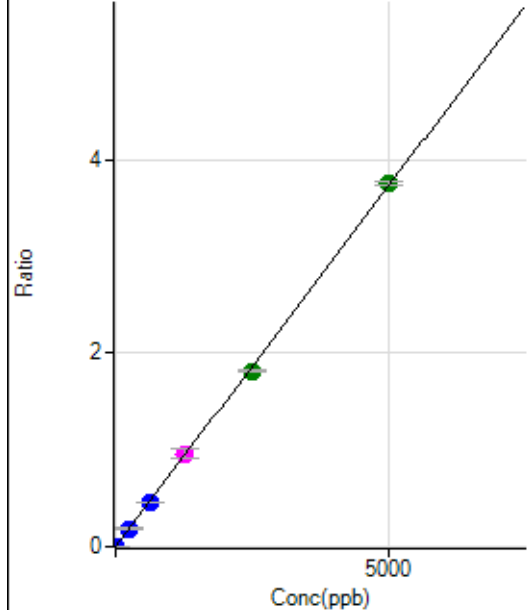
$$DL = 0.07637$$

$$BEC = 0.133$$

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	518.54	0.0003	P	15.3
2	☐	1.000	0.902	1727.92	0.0010	P	4.1
3	☐	250.000	243.758	326613.70	0.1821	P	9.9
4	☐	625.000	606.084	838861.56	0.4523	P	1.4
5	☐	1250.000	1287.298	1745494.24	0.9603	M	11.4
6	☐	2500.000	2430.270	3649771.99	1.8127	A	1.4
7	☐	5000.000	5028.217	7474856.47	3.7501	A	1.0
8	☐			21014.05	0.0110	P	114.9

$$y = 7.4576E-004 * x + 2.8797E-004$$

$$R = 0.9998$$

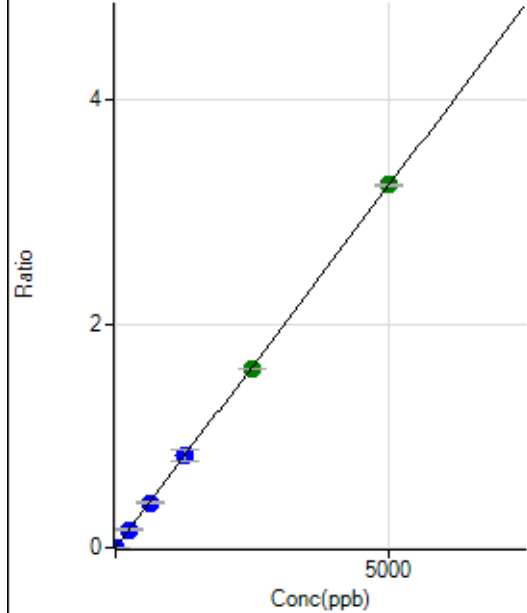
$$DL = 0.1775$$

$$BEC = 0.3861$$

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	466.68	0.0003	P	2.9
2	☐	1.000	0.977	1600.13	0.0009	P	8.7
3	☐	250.000	249.550	289454.40	0.1615	P	11.6
4	☐	625.000	620.613	744509.64	0.4014	P	1.7
5	☐	1250.000	1278.601	1501817.41	0.8266	P	11.6
6	☐	2500.000	2463.887	3207400.19	1.5927	A	0.1
7	☐	5000.000	5011.477	6456383.13	3.2393	A	0.6
8	☐			20788.56	0.0109	P	121.0

$$y = 6.4632E-004 * x + 2.5899E-004$$

$$R = 0.9999$$

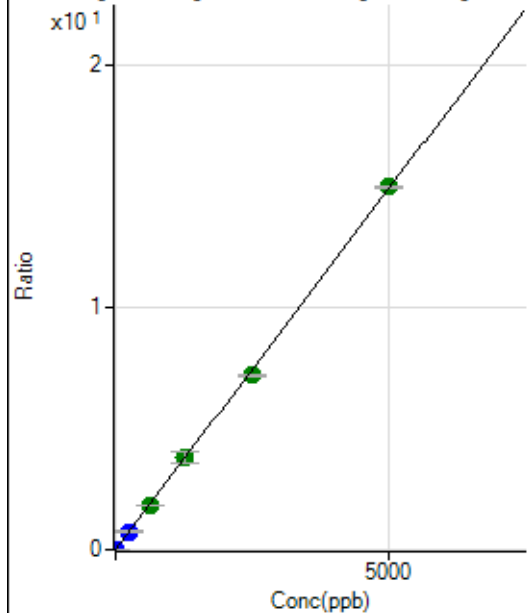
$$DL = 0.035$$

$$BEC = 0.4007$$

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	2018.63	0.0011	P	6.9
2	☐	1.000	0.931	6987.90	0.0039	P	2.6
3	☐	250.000	245.733	1311334.15	0.7313	P	10.3
4	☐	625.000	616.186	3397898.16	1.8320	A	1.3
5	☐	1250.000	1284.748	6938651.75	3.8184	A	11.7
6	☐	2500.000	2418.906	14475925.18	7.1883	A	0.8
7	☐	5000.000	5033.175	29811031.97	14.9559	A	0.7
8	☐			86108.06	0.0450	P	117.4

$$y = 0.0030 * x + 0.0011$$

$$R = 0.9998$$

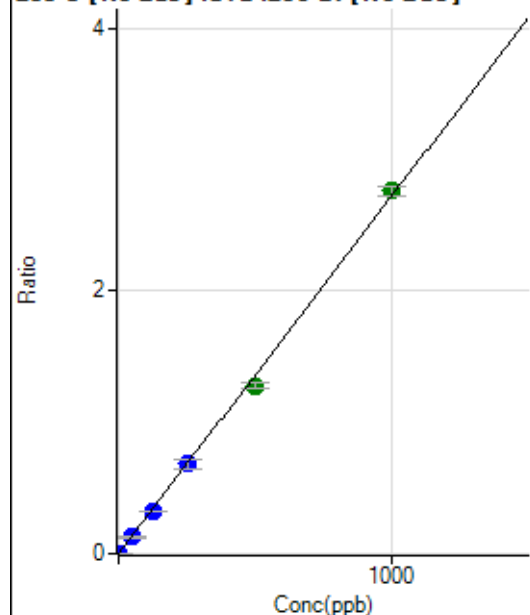
$$DL = 0.07744$$

$$BEC = 0.3768$$

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	8.33	0.0000	P	99.3
2	☐	1.000	0.866	4239.74	0.0024	P	2.8
3	☐	50.000	48.324	235456.94	0.1314	P	11.0
4	☐	125.000	118.150	595573.42	0.3212	P	2.8
5	☐	250.000	250.969	1239332.81	0.6822	P	11.5
6	☐	500.000	470.344	2573922.37	1.2785	A	3.0
7	☐	1000.000	1015.526	5502844.22	2.7604	A	2.9
8	☐			16605.06	0.0087	P	140.8

$$y = 0.0027 * x + 4.6558E-006$$

$$R = 0.9993$$

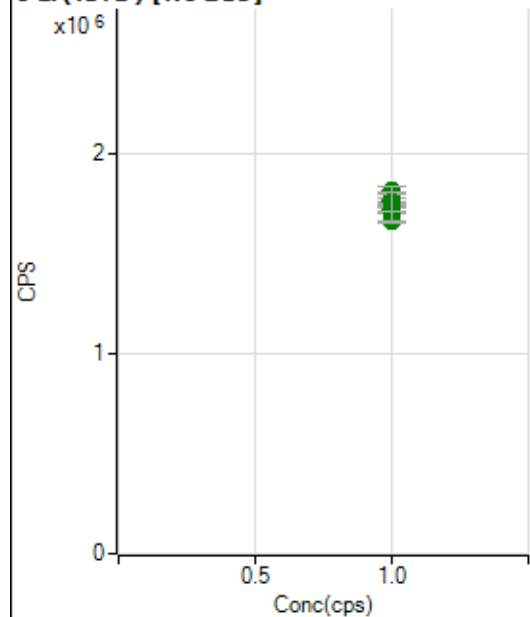
$$DL = 0.005101$$

$$BEC = 0.001713$$

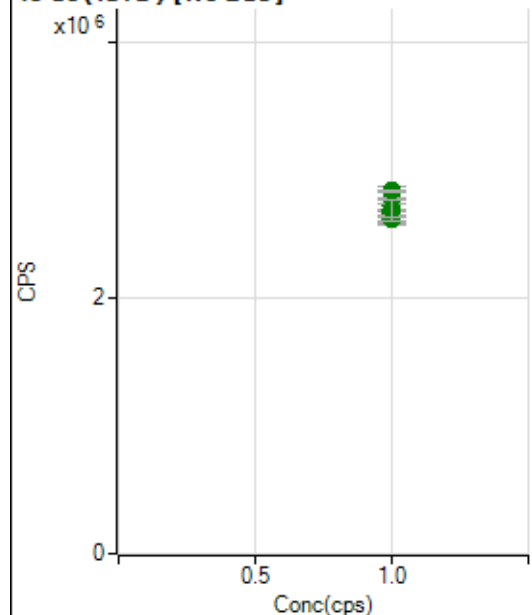
Weight: <None>

Min Conc: 0

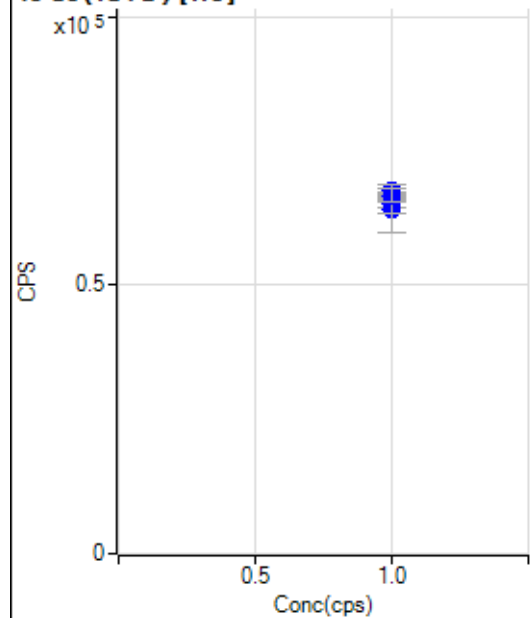
6 Li (ISTD) [No Gas]



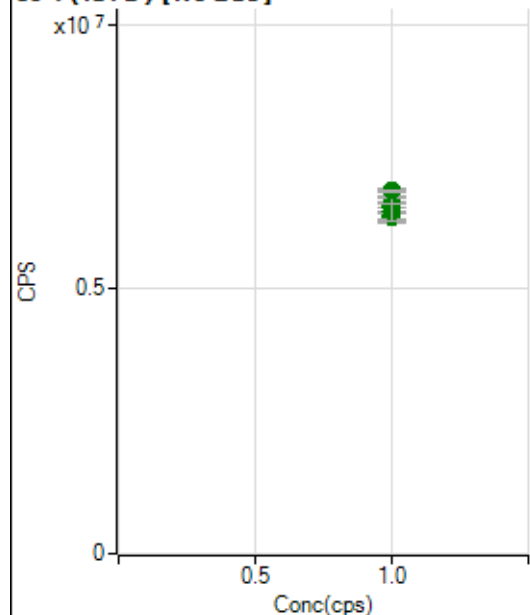
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1663103.12		A	0.4
2	☐	1.000		1721780.89		A	1.7
3	☐	1.000		1713896.66		A	5.9
4	☐	1.000		1770414.70		A	3.1
5	☐	1.000		1715739.90		A	5.6
6	☐	1.000		1816801.84		A	2.2
7	☐	1.000		1763566.85		A	1.7
8	☐	1.000		1761361.93		A	5.7

45 Sc (ISTD) [No Gas]

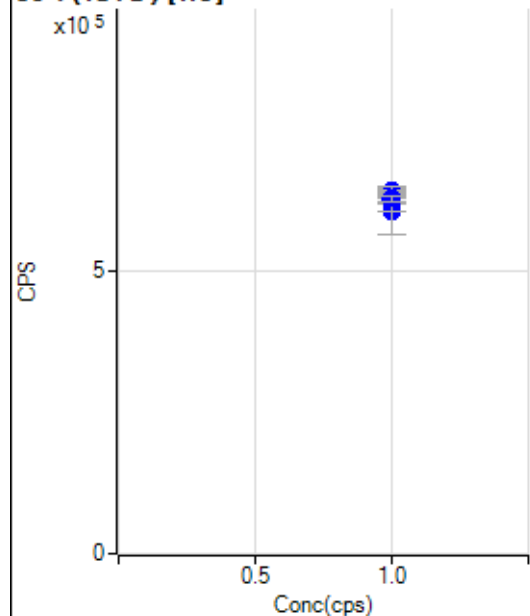
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2657042.08		A	2.1
2	☐	1.000		2716797.22		A	1.5
3	☐	1.000		2732474.00		A	10.4
4	☐	1.000		2761432.32		A	1.4
5	☐	1.000		2678346.78		A	7.5
6	☐	1.000		2838613.85		A	0.8
7	☐	1.000		2624575.13		A	1.6
8	☐	1.000		2698683.12		A	4.9

45 Sc (ISTD) [He]

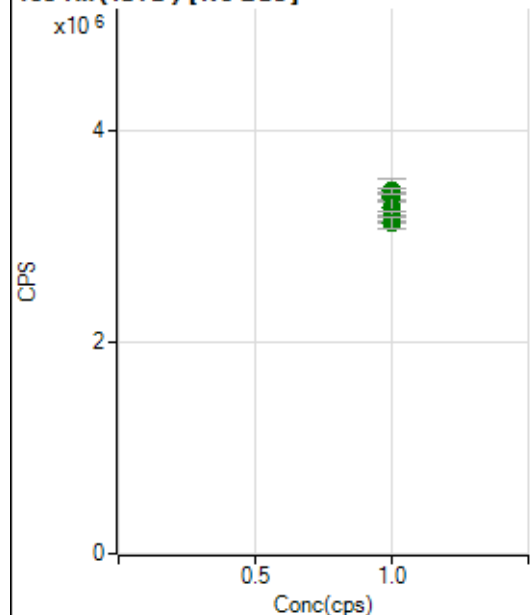
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		66166.86		P	1.1
2	☐	1.000		65632.65		P	3.3
3	☐	1.000		67217.32		P	2.4
4	☐	1.000		67605.66		P	1.3
5	☐	1.000		67196.19		P	0.8
6	☐	1.000		64188.97		P	14.1
7	☐	1.000		65092.61		P	5.1
8	☐	1.000		66820.42		P	3.2

89 Y (ISTD) [No Gas]

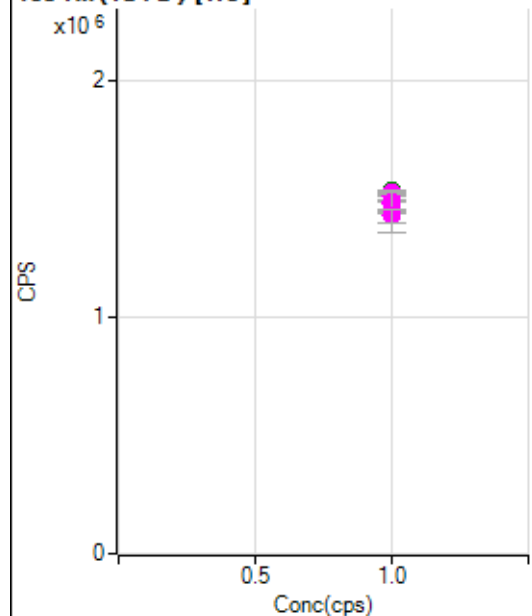
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6367670.60		A	1.6
2	☐	1.000		6595088.86		A	1.4
3	☐	1.000		6573110.18		A	9.6
4	☐	1.000		6740502.68		A	0.6
5	☐	1.000		6524640.87		A	6.9
6	☐	1.000		6854792.82		A	0.4
7	☐	1.000		6399681.92		A	2.2
8	☐	1.000		6456314.49		A	4.8

89 Y (ISTD) [He]

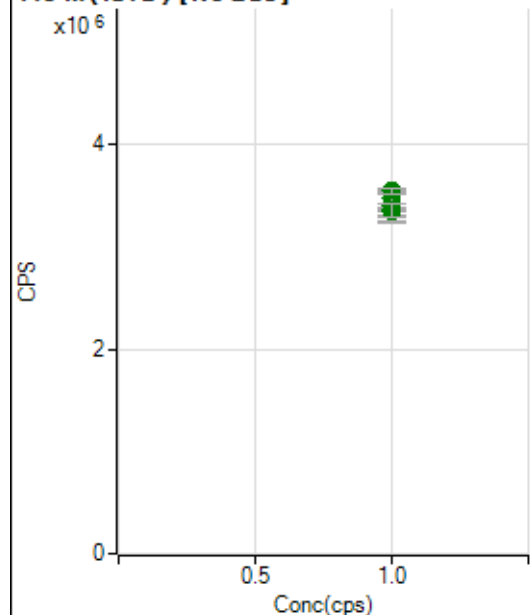
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		632198.23		P	0.5
2	☐	1.000		627774.93		P	2.8
3	☐	1.000		635806.80		P	1.1
4	☐	1.000		643166.15		P	1.4
5	☐	1.000		643065.25		P	0.8
6	☐	1.000		607250.85		P	13.9
7	☐	1.000		624619.52		P	5.7
8	☐	1.000		629449.72		P	1.7

103 Rh (ISTD) [No Gas]

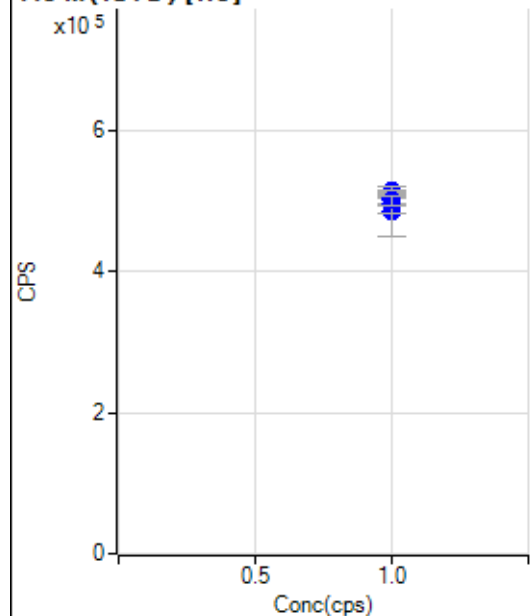
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3334802.09		A	1.1
2	☐	1.000		3361143.20		A	2.3
3	☐	1.000		3372582.22		A	10.3
4	☐	1.000		3407561.10		A	0.9
5	☐	1.000		3274554.72		A	8.2
6	☐	1.000		3428875.90		A	1.5
7	☐	1.000		3187116.04		A	3.6
8	☐	1.000		3125425.26		A	3.8

103 Rh (ISTD) [He]

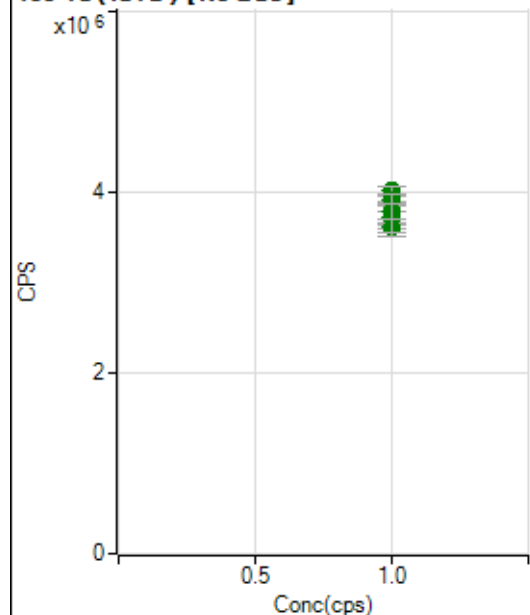
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1491933.59		A	0.6
2	☐	1.000		1479319.27		M	4.6
3	☐	1.000		1510901.19		M	1.9
4	☐	1.000		1533370.69		A	0.5
5	☐	1.000		1531610.84		M	1.0
6	☐	1.000		1441436.78		A	12.0
7	☐	1.000		1484491.63		M	6.1
8	☐	1.000		1429445.10		M	3.9

115 In (ISTD) [No Gas]

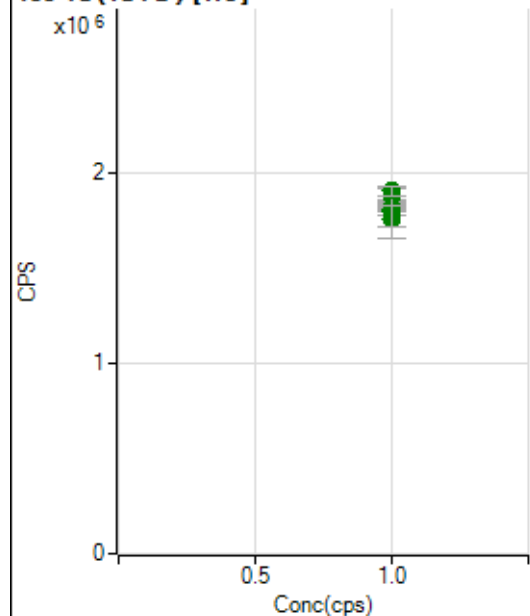
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3352212.26		A	2.5
2	☐	1.000		3368647.91		A	0.3
3	☐	1.000		3399120.84		A	9.1
4	☐	1.000		3483963.24		A	3.1
5	☐	1.000		3387646.56		A	7.7
6	☐	1.000		3549054.90		A	1.7
7	☐	1.000		3364338.33		A	1.3
8	☐	1.000		3350526.83		A	3.8

115 In (ISTD) [He]

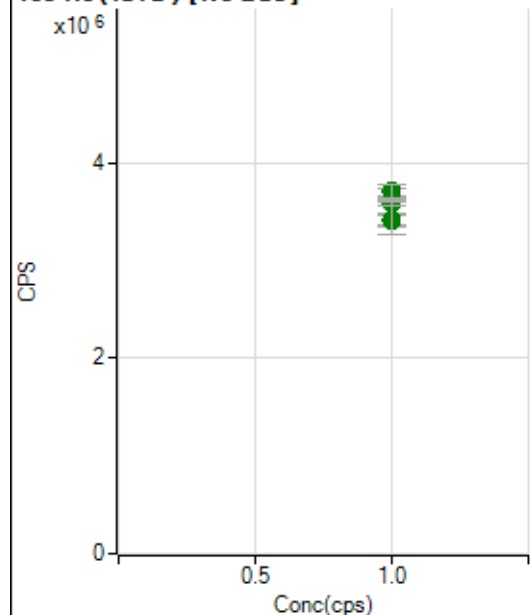
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		505660.40		P	0.7
2	☐	1.000		503492.82		P	3.3
3	☐	1.000		510703.22		P	1.4
4	☐	1.000		511223.20		P	1.2
5	☐	1.000		514703.87		P	0.6
6	☐	1.000		485871.32		P	14.6
7	☐	1.000		496461.60		P	5.2
8	☐	1.000		500661.18		P	2.4

159 Tb (ISTD) [No Gas]

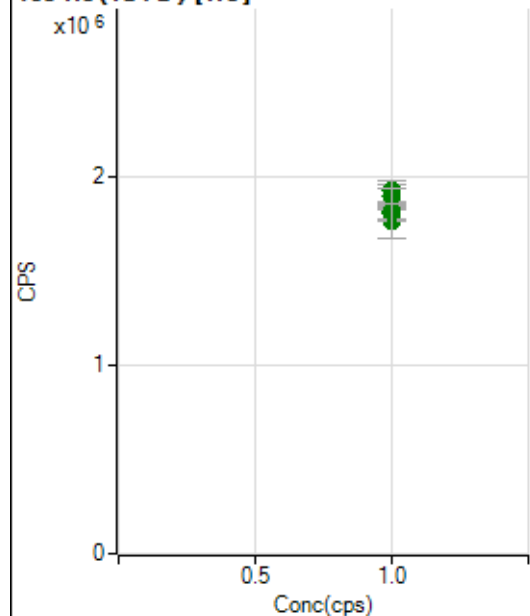
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3620690.95		A	1.2
2	☐	1.000		3612343.94		A	2.4
3	☐	1.000		3705937.69		A	10.1
4	☐	1.000		3726288.35		A	3.1
5	☐	1.000		3720220.05		A	8.6
6	☐	1.000		4019399.66		A	2.7
7	☐	1.000		3919308.52		A	3.0
8	☐	1.000		3793281.82		A	4.1

159 Tb (ISTD) [He]

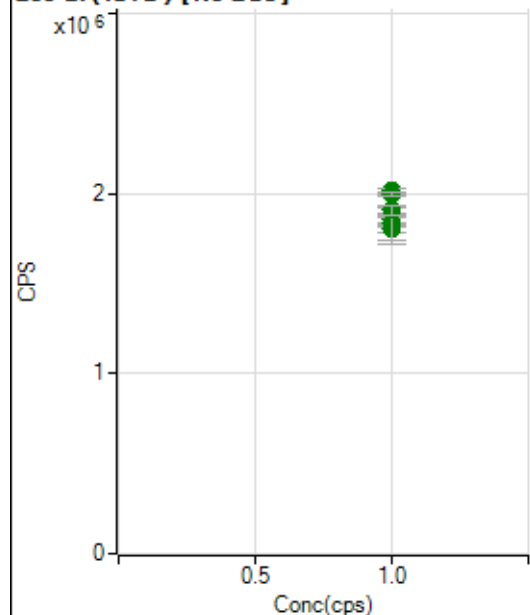
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1796466.67		A	0.6
2	☐	1.000		1760157.58		A	4.9
3	☐	1.000		1802168.71		A	3.4
4	☐	1.000		1828199.64		A	1.7
5	☐	1.000		1854068.53		A	0.6
6	☐	1.000		1791633.20		A	15.5
7	☐	1.000		1871903.86		A	4.7
8	☐	1.000		1903238.84		A	2.9

165 Ho (ISTD) [No Gas]

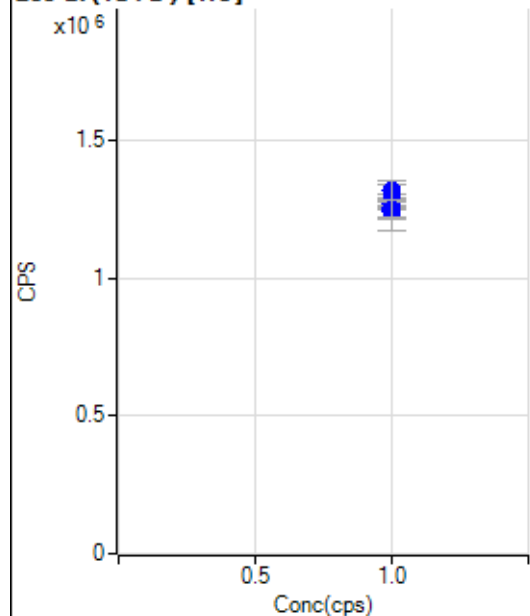
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3413610.26		A	3.8
2	☐	1.000		3421303.55		A	2.7
3	☐	1.000		3414363.95		A	8.9
4	☐	1.000		3577033.59		A	1.1
5	☐	1.000		3437564.55		A	9.2
6	☐	1.000		3696292.57		A	2.3
7	☐	1.000		3709164.97		A	4.3
8	☐	1.000		3716659.41		A	3.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1766360.25		A	0.9
2	☐	1.000		1804333.58		A	3.5
3	☐	1.000		1847738.90		A	2.2
4	☐	1.000		1824687.23		A	0.5
5	☐	1.000		1857085.51		A	1.1
6	☐	1.000		1812549.92		A	16.1
7	☐	1.000		1922324.28		A	6.1
8	☐	1.000		1897207.73		A	4.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1802490.63		A	2.2
2	☐	1.000		1798873.11		A	2.3
3	☐	1.000		1805284.75		A	9.7
4	☐	1.000		1855003.43		A	1.6
5	☐	1.000		1831101.99		A	10.2
6	☐	1.000		2013774.40		A	1.7
7	☐	1.000		1993199.45		A	1.2
8	☐	1.000		1906787.40		A	2.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1253974.45		P	1.3
2	☐	1.000		1240482.23		P	3.7
3	☐	1.000		1271334.46		P	1.9
4	☐	1.000		1282183.48		P	1.0
5	☐	1.000		1307243.42		P	0.0
6	☐	1.000		1254788.19		P	13.5
7	☐	1.000		1316533.48		P	5.6
8	☐	1.000		1251075.74		P	5.0