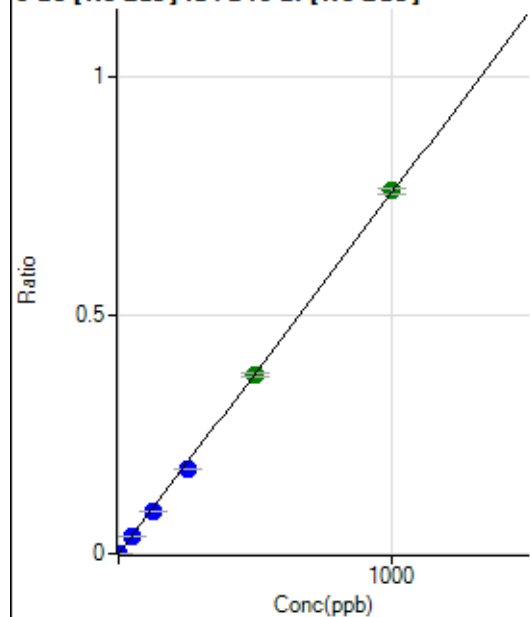


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012725MS-1.b\
Analysis File: P8012725MS-1.batch.bin
DA Date-Time: 2025-01-28 00:51:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-27 13:20:13
2	006CALS.d	S02	2025-01-27 13:26:57
3	007CALB.d	S03	2025-01-27 13:30:19
4	008CALS.d	S04	2025-01-27 13:33:31
5	009CALS.d	S05	2025-01-27 13:36:33
6	010CALS.d	S06	2025-01-27 13:39:33
7	011CALS.d	S07	2025-01-27 13:42:24
8	012CALS.d	S08	2025-01-27 13:45:11

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	228.31	0.0000	P	25.4
2	☐	1.000	0.966	3915.88	0.0008	P	5.6
3	☐	50.000	47.785	189612.95	0.0361	P	1.4
4	☐	125.000	117.788	478870.63	0.0890	P	2.0
5	☐	250.000	234.824	889047.50	0.1774	P	0.9
6	☐	500.000	496.031	1825639.87	0.3747	A	2.9
7	☐	1000.000	1006.791	3749451.59	0.7605	A	1.3
8	☐			944.50	0.0002	P	11.5

$$y = 7.5531E-004 * x + 4.4947E-005$$

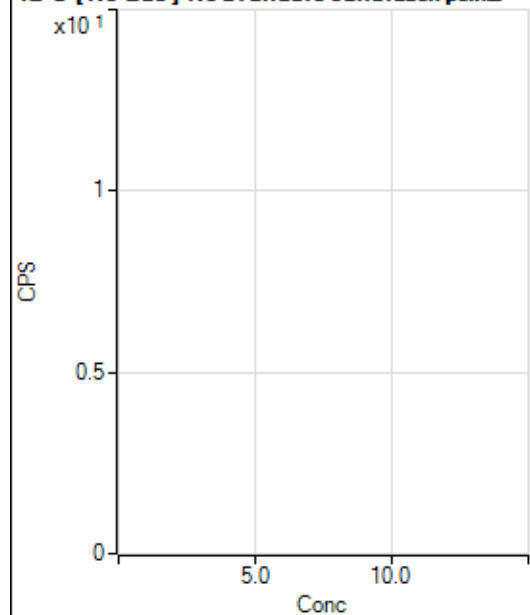
R = 0.9999

DL = 0.0453

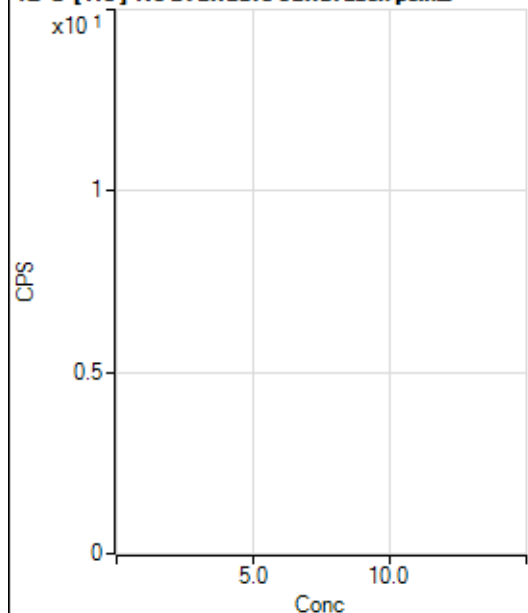
BEC = 0.05951

Weight: <None>

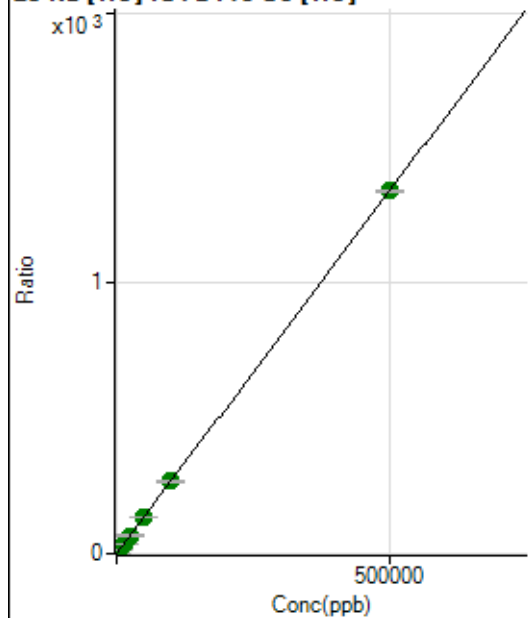
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1769269.90		A	3.4
2	☐			1897403.79		A	1.7
3	☐			1908058.43		A	1.6
4	☐			2086032.43		A	0.9
5	☐			2212723.70		A	0.7
6	☐			2371577.14		A	0.9
7	☐			2822436.83		A	1.7
8	☐			2559858.87		A	3.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11988.30		P	1.8
2	☐			12910.18		P	1.5
3	☐			13053.68		P	0.9
4	☐			14244.76		P	0.4
5	☐			15827.52		P	2.1
6	☐			17481.62		P	2.3
7	☐			21887.46		P	1.4
8	☐			22833.37		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15833.10	0.1341	P	11.5
2	☐	500.000	521.664	170391.74	1.5335	P	4.5
3	☐	5000.000	5009.523	1572409.52	13.5725	A	1.4
4	☐	12500.000	12948.078	3669869.77	34.8683	A	1.3
5	☐	25000.000	24993.993	7389561.63	67.1823	A	1.8
6	☐	50000.000	49987.934	14797815.89	134.2304	A	0.4
7	☐	100000.00	99572.017	32104172.02	267.2433	A	1.1
8	☐	500000.00	500075.78	124781665.9	1,341.624	A	0.4

$$y = 0.0027 * x + 0.1341$$

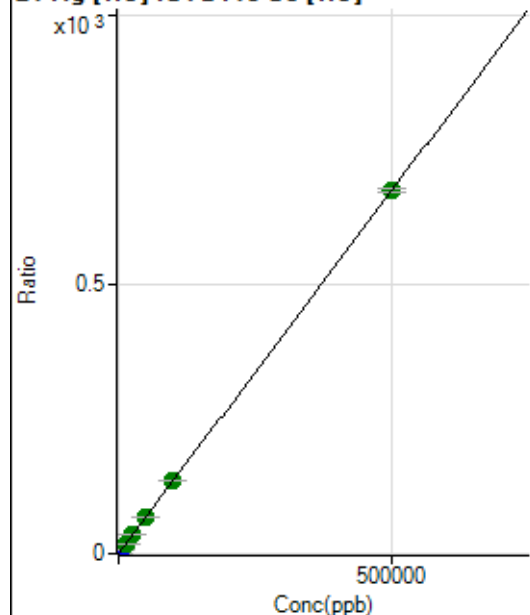
$$R = 1.0000$$

$$DL = 17.28$$

$$BEC = 49.99$$

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	716.69	0.0060	P	4.1
2	☐	500.000	536.311	80979.80	0.7290	P	5.3
3	☐	5000.000	4890.812	764555.30	6.5991	P	0.1
4	☐	12500.000	13340.729	1893430.70	17.9900	A	0.8
5	☐	25000.000	25757.236	3819996.92	34.7280	A	1.1
6	☐	50000.000	49955.733	7424825.44	67.3487	A	1.2
7	☐	100000.00	99976.703	16191095.04	134.7793	A	1.2
8	☐	500000.00	499951.26	62678699.62	673.9636	A	1.1

$$y = 0.0013 * x + 0.0060$$

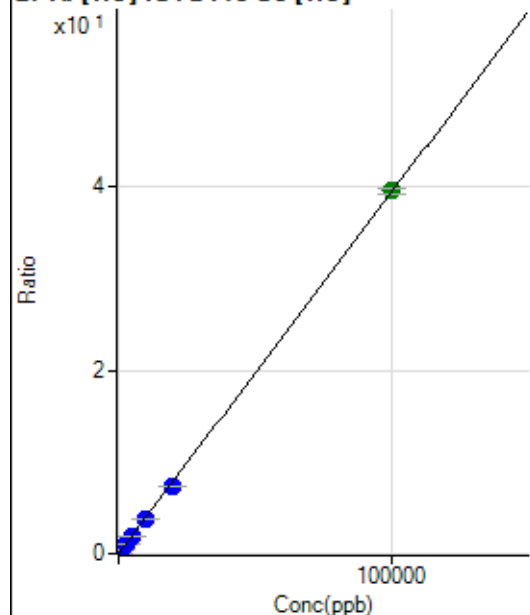
$$R = 1.0000$$

$$DL = 0.5445$$

$$BEC = 4.474$$

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	51.11	0.0004	P	15.6
2	☐	20.000	19.507	903.37	0.0081	P	0.9
3	☐	1000.000	925.506	42358.13	0.3656	P	0.4
4	☐	2500.000	2422.126	100633.70	0.9561	P	1.4
5	☐	5000.000	4705.053	204251.98	1.8569	P	1.2
6	☐	10000.000	9342.478	406427.73	3.6867	P	0.5
7	☐	20000.000	18538.631	878773.85	7.3152	P	1.2
8	☐	100000.00	100375.46	3683198.76	39.6054	A	1.3

$$y = 3.9457E-004 * x + 4.2434E-004$$

$$R = 0.9999$$

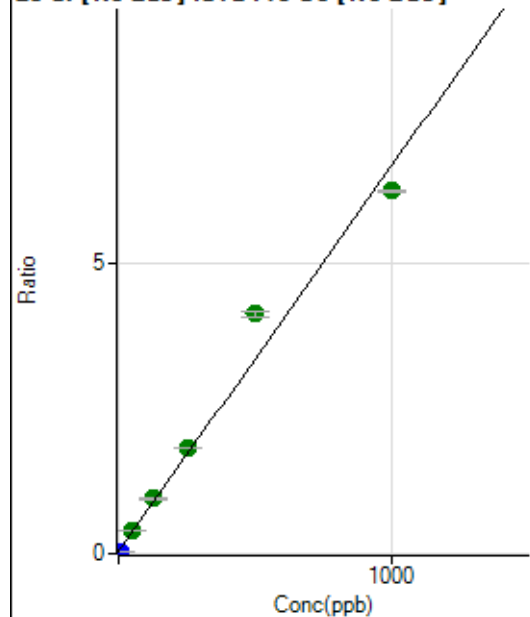
$$DL = 0.5038$$

$$BEC = 1.075$$

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	275638.80	0.0396	P	11.1
2	☐	10.000	1.227	324795.22	0.0478	P	2.7
3	☐	50.000	53.404	2872011.73	0.3940	A	0.5
4	☐	125.000	136.416	6907817.12	0.9449	A	2.1
5	☐	250.000	268.225	12607185.92	1.8196	A	0.5
6	☐	500.000	616.946	28472877.07	4.1338	A	2.3
7	☐	1000.000	935.461	45504965.99	6.2475	A	0.5
8	☐			392167.98	0.0660	P	7.1

$$y = 0.0066 * x + 0.0396$$

$$R = 0.9889$$

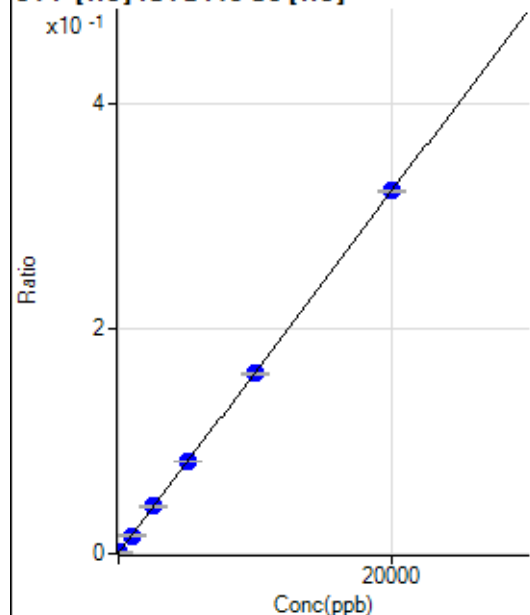
$$DL = 1.99$$

$$BEC = 5.973$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.848	51.11	0.0004	P	38.0
2	☐	0.000	12.848	95.55	0.0009	P	16.5
3	☐	1000.000	947.169	1839.03	0.0159	P	5.3
4	☐	2500.000	2579.132	4431.84	0.0421	P	5.2
5	☐	5000.000	5041.814	8985.08	0.0817	P	0.2
6	☐	10000.000	9918.532	17645.26	0.1601	P	0.9
7	☐	20000.000	20023.030	38737.06	0.3225	P	0.8
8	☐			58.89	0.0006	P	46.5

$$y = 1.6072E-005 * x + 6.4818E-004$$

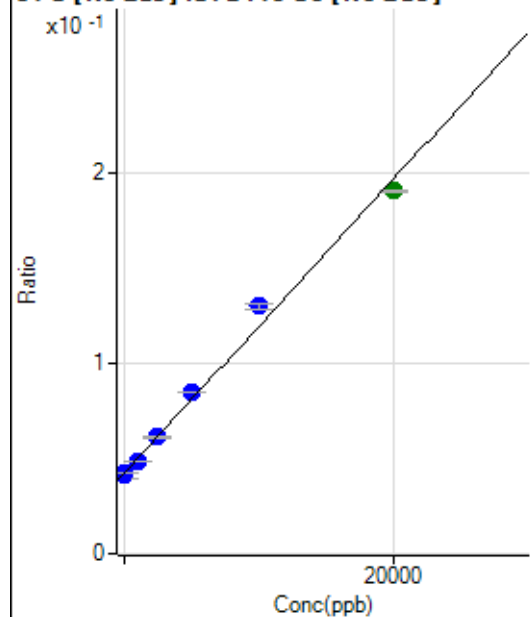
$$R = 1.0000$$

$$DL = 28.86$$

$$BEC = 40.33$$

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	-48.815	288930.47	0.0416	P	11.4
2	☐	0.000	48.815	287698.32	0.0423	P	1.5
3	☐	1000.000	841.073	353078.93	0.0484	P	0.4
4	☐	2500.000	2481.752	446910.27	0.0611	P	1.3
5	☐	5000.000	5503.058	585371.13	0.0845	P	0.3
6	☐	10000.000	11372.739	894552.82	0.1299	P	2.1
7	☐	20000.000	19198.093	1386760.92	0.1904	A	0.4
8	☐			254870.69	0.0429	P	2.4

$$y = 7.7322\text{E-}006 * x + 0.0419$$

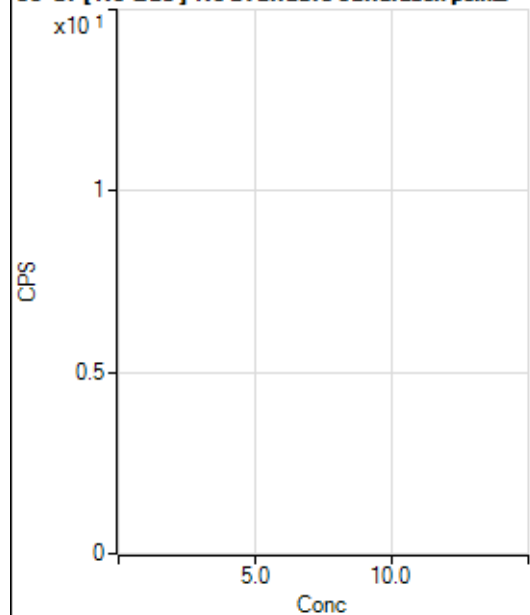
R = 0.9958

DL = 1042

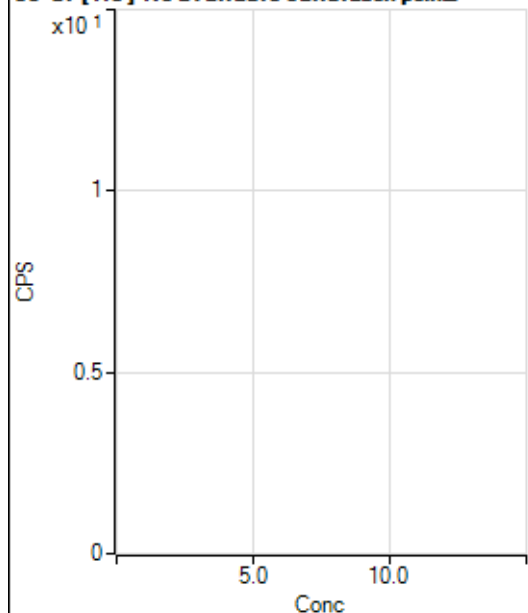
BEC = 5424

Weight: <None>

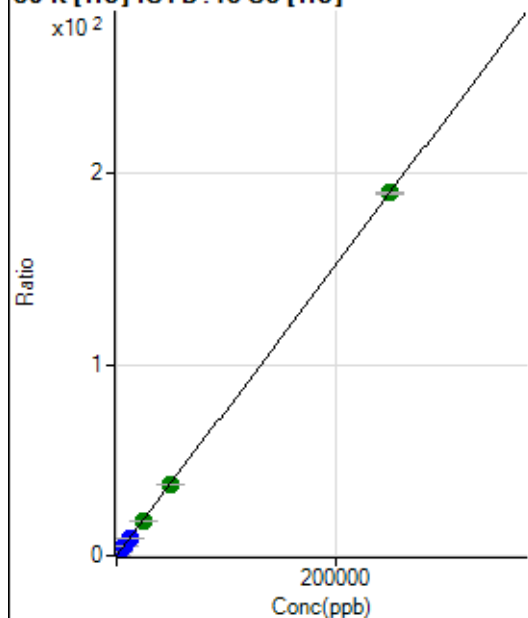
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			178229.12		P	0.8
2	☐			145402.28		P	2.2
3	☐			152776.17		P	0.6
4	☐			154148.89		P	0.6
5	☐			147096.11		P	1.7
6	☐			148696.95		P	0.5
7	☐			179357.05		P	1.1
8	☐			136342.72		P	2.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			623.35		P	4.7
2	☐			566.68		P	12.3
3	☐			563.35		P	9.8
4	☐			530.02		P	5.1
5	☐			578.91		P	13.6
6	☐			524.46		P	12.8
7	☐			702.25		P	11.4
8	☐			477.79		P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4569.66	0.0387	P	10.3
2	☐	500.000	506.719	46949.39	0.4224	P	3.0
3	☐	2500.000	2275.182	204072.68	1.7615	P	1.2
4	☐	6250.000	5985.085	481085.93	4.5707	P	1.1
5	☐	12500.000	11675.649	976773.70	8.8798	P	0.9
6	☐	25000.000	24223.773	2026385.45	18.3816	A	1.2
7	☐	50000.000	48831.555	4446690.00	37.0153	A	1.0
8	☐	250000.00	250361.38	17635221.96	189.6193	A	0.9

$$y = 7.5723\text{E-}004 * x + 0.0387$$

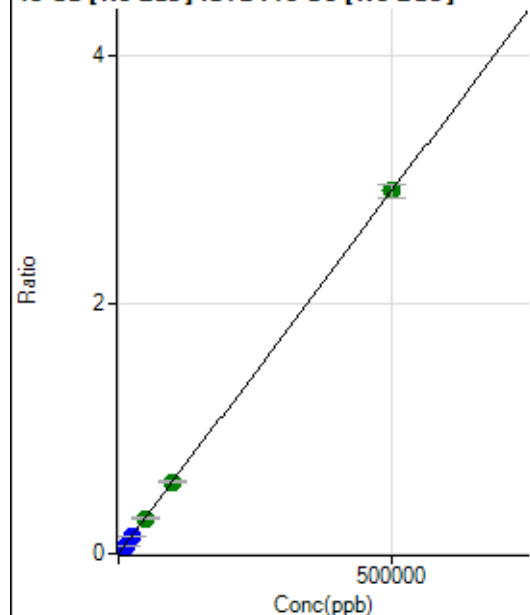
$$R = 1.0000$$

$$DL = 15.7$$

$$BEC = 51.04$$

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	433.34	0.0001	P	9.7
2	☐	500.000	488.467	19747.03	0.0029	P	1.8
3	☐	5000.000	4652.432	197755.75	0.0271	P	0.6
4	☐	12500.000	11802.056	502489.06	0.0687	P	1.7
5	☐	25000.000	23601.053	951891.21	0.1374	P	1.3
6	☐	50000.000	48992.324	1963832.52	0.2851	A	2.3
7	☐	100000.00	98293.380	4165569.21	0.5720	A	2.6
8	☐	500000.00	500532.97	17302655.58	2.9124	A	3.9

$$y = 5.8185\text{E-}006 * x + 6.2232\text{E-}005$$

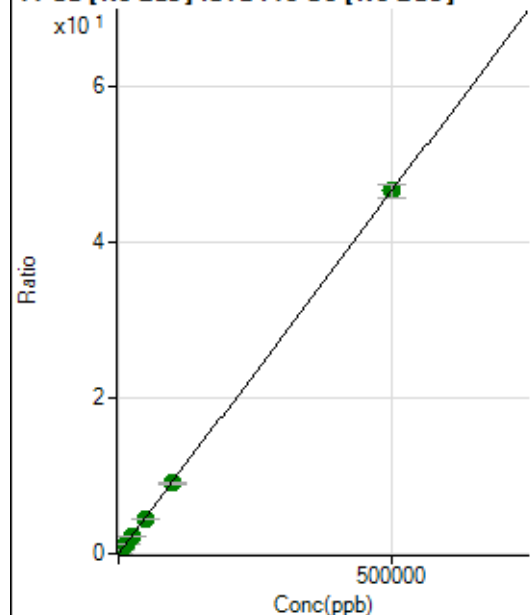
$$R = 1.0000$$

$$DL = 3.105$$

$$BEC = 10.7$$

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	6364.81	0.0009	P	9.4
2	☐	500.000	488.300	314733.25	0.0463	P	1.6
3	☐	5000.000	4820.062	3271431.06	0.4488	A	0.3
4	☐	12500.000	12193.544	8291308.98	1.1340	A	1.1
5	☐	25000.000	24302.114	15653536.85	2.2593	A	0.6
6	☐	50000.000	48454.092	31022961.76	4.5037	A	1.8
7	☐	100000.00	97718.187	66142765.68	9.0818	A	2.2
8	☐	500000.00	500655.32	276425926.9	46.5264	A	3.7

$$y = 9.2929\text{E-}005 * x + 9.1405\text{E-}004$$

$$R = 1.0000$$

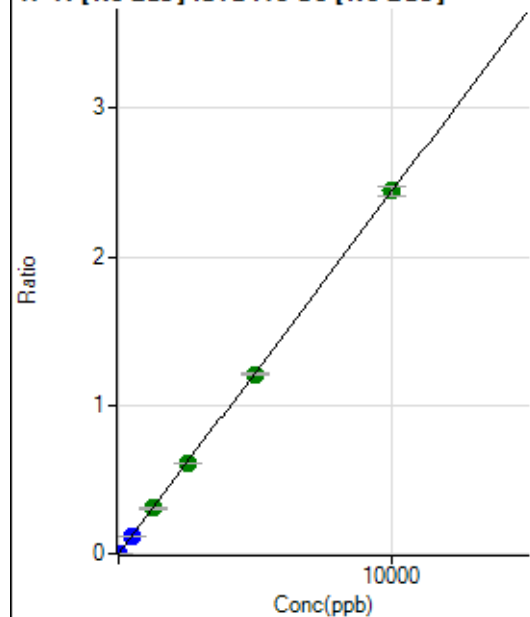
$$DL = 2.779$$

$$BEC = 9.836$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	16.5
2	☐	5.000	4.970	8354.76	0.0012	P	2.9
3	☐	500.000	469.877	834954.96	0.1146	P	1.1
4	☐	1250.000	1251.267	2230329.25	0.3050	A	1.2
5	☐	2500.000	2489.382	4204516.33	0.6068	A	0.7
6	☐	5000.000	4962.995	8333634.81	1.2098	A	1.8
7	☐	10000.000	10022.505	17793564.88	2.4432	A	2.3
8	☐			4369.60	0.0007	P	7.6

$$y = 2.4377E-004 * x + 1.7325E-005$$

$$R = 1.0000$$

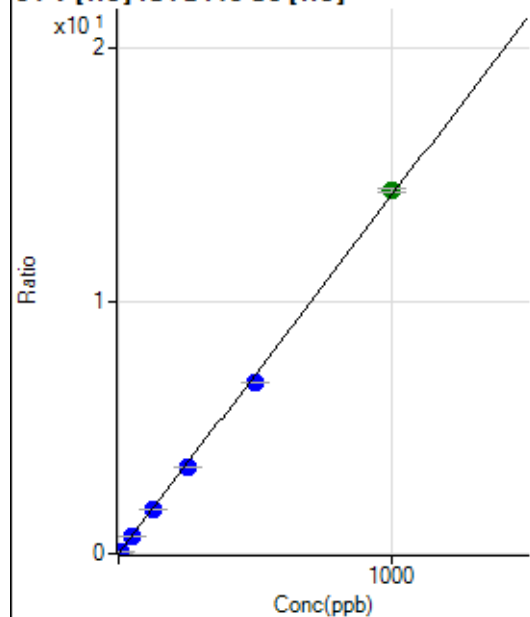
$$DL = 0.03516$$

$$BEC = 0.07107$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0001	P	107.
2	☐	5.000	5.040	7944.48	0.0715	P	4.3
3	☐	50.000	46.922	77063.41	0.6652	P	0.6
4	☐	125.000	123.265	183910.03	1.7473	P	1.0
5	☐	250.000	241.765	376947.72	3.4271	P	1.7
6	☐	500.000	478.784	748198.77	6.7868	P	0.0
7	☐	1000.000	1013.037	1725068.90	14.3598	A	1.0
8	☐			354.45	0.0038	P	8.0

$$y = 0.0142 * x + 5.7191E-005$$

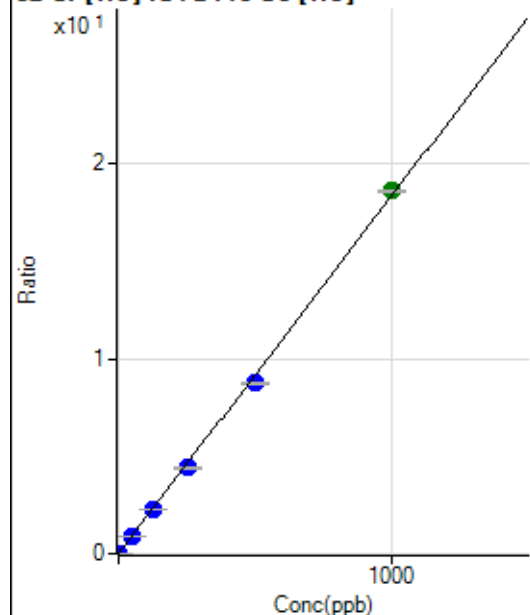
$$R = 0.9996$$

$$DL = 0.01298$$

$$BEC = 0.004035$$

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	537.79	0.0045	P	6.6
2	☐	2.000	2.097	4778.63	0.0430	P	4.7
3	☐	50.000	47.892	102302.09	0.8830	P	0.4
4	☐	125.000	124.138	240136.53	2.2815	P	1.1
5	☐	250.000	240.063	484814.56	4.4079	P	2.1
6	☐	500.000	476.469	963968.66	8.7441	P	0.7
7	☐	1000.000	1014.463	2236008.02	18.6122	A	0.6
8	☐			2731.43	0.0294	P	1.4

$$y = 0.0183 * x + 0.0045$$

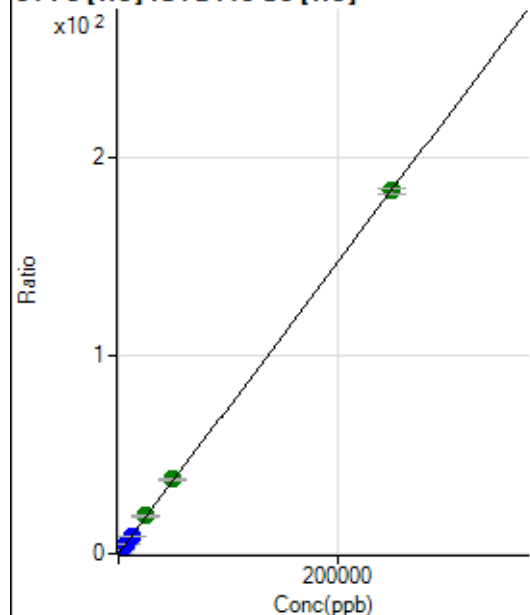
$$R = 0.9995$$

$$DL = 0.0488$$

$$BEC = 0.2474$$

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	502.24	0.0042	P	7.0
2	☐	50.000	59.082	5281.10	0.0475	P	3.0
3	☐	2500.000	2472.237	210320.33	1.8154	P	1.1
4	☐	6250.000	6409.370	494652.60	4.6998	P	1.0
5	☐	12500.000	12402.664	999914.13	9.0906	P	1.3
6	☐	25000.000	25864.318	2089464.64	18.9527	A	1.1
7	☐	50000.000	51065.842	4494843.30	37.4157	A	0.9
8	☐	250000.00	249701.55	17012699.61	182.9387	A	1.3

$$y = 7.3261E-004 * x + 0.0042$$

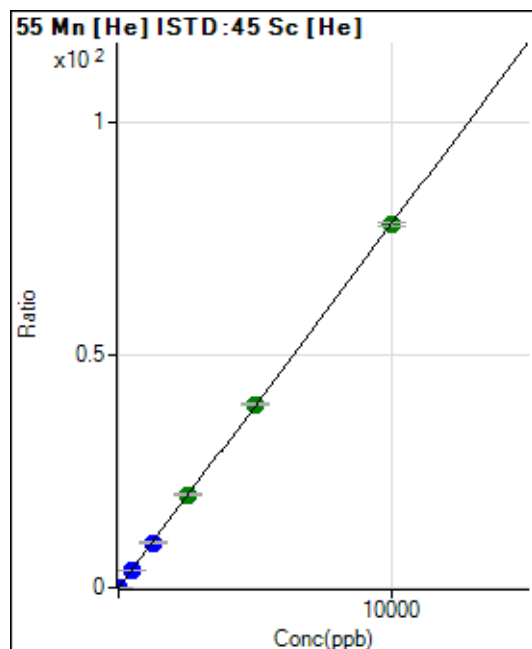
$$R = 1.0000$$

$$DL = 1.202$$

$$BEC = 5.754$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.78	0.0023	P	5.5
2	☐	1.000	1.135	1248.96	0.0112	P	1.9
3	☐	500.000	478.748	434658.07	3.7518	P	0.9
4	☐	1250.000	1237.577	1020388.19	9.6947	P	1.1
5	☐	2500.000	2559.691	2205206.56	20.0492	A	2.0
6	☐	5000.000	5028.332	4341799.17	39.3830	A	1.0
7	☐	10000.000	9973.527	9383804.51	78.1126	A	0.9
8	☐			3275.97	0.0352	P	1.8

$$y = 0.0078 * x + 0.0023$$

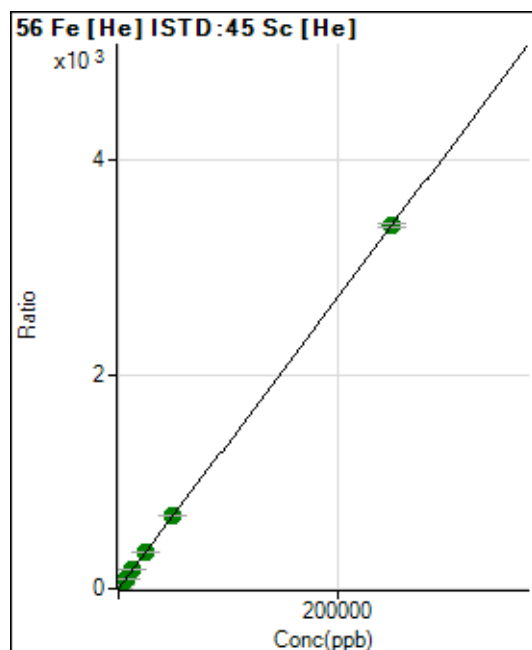
$$R = 1.0000$$

$$DL = 0.04919$$

$$BEC = 0.2988$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8246.19	0.0695	P	5.5
2	☐	50.000	55.849	91731.82	0.8257	P	5.0
3	☐	2500.000	2549.597	4007763.66	34.5922	A	0.5
4	☐	6250.000	6525.263	9306595.83	88.4245	A	0.6
5	☐	12500.000	12658.931	18862966.66	171.4772	A	0.5
6	☐	25000.000	25013.272	37345885.83	338.7607	A	0.2
7	☐	50000.000	50110.815	81523832.12	678.5929	A	0.3
8	☐	250000.00	249961.18	314784968.6	3.384.658	A	0.9

$$y = 0.0135 * x + 0.0695$$

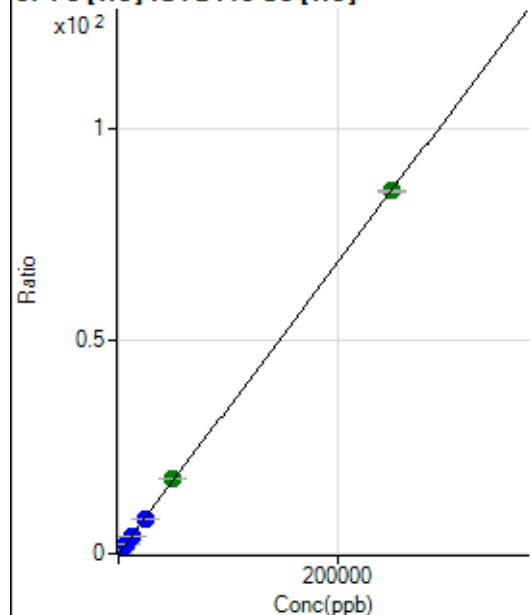
$$R = 1.0000$$

$$DL = 0.8531$$

$$BEC = 5.131$$

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	272.28	0.0023	P	46.2
2	☐	50.000	52.447	2242.42	0.0202	P	8.1
3	☐	2500.000	2441.185	96778.78	0.8354	P	1.4
4	☐	6250.000	6275.875	225650.00	2.1439	P	0.3
5	☐	12500.000	12194.669	457993.29	4.1637	P	1.3
6	☐	25000.000	24083.986	906306.05	8.2210	P	0.2
7	☐	50000.000	51330.028	2104611.91	17.5187	A	0.5
8	☐	250000.00	249840.80	7929709.67	85.2604	A	0.9

$$y = 3.4125\text{E-}004 * x + 0.0023$$

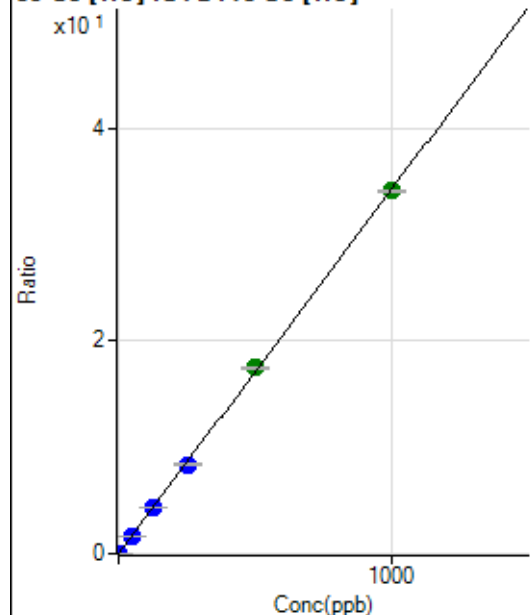
$$R = 1.0000$$

$$DL = 9.357$$

$$BEC = 6.754$$

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	193.34	0.0016	P	12.9
2	☐	1.000	1.100	4366.27	0.0393	P	2.5
3	☐	50.000	48.753	193424.55	1.6695	P	0.4
4	☐	125.000	125.857	453352.85	4.3073	P	1.1
5	☐	250.000	244.043	918478.98	8.3505	P	1.8
6	☐	500.000	510.320	1924822.84	17.4600	A	0.5
7	☐	1000.000	996.284	4095078.55	34.0852	A	0.8
8	☐			6617.14	0.0712	P	3.7

$$y = 0.0342 * x + 0.0016$$

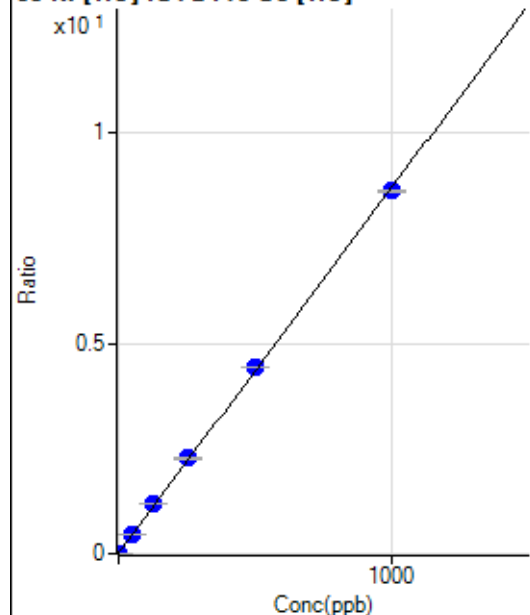
$$R = 0.9999$$

$$DL = 0.01853$$

$$BEC = 0.04787$$

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	850.03	0.0071	P	10.2
2	☐	1.000	1.221	1970.16	0.0177	P	6.4
3	☐	50.000	52.504	53730.94	0.4638	P	0.9
4	☐	125.000	135.760	125031.01	1.1879	P	0.6
5	☐	250.000	261.268	250737.38	2.2796	P	1.7
6	☐	500.000	507.944	487836.75	4.4251	P	0.3
7	☐	1000.000	991.740	1037111.15	8.6331	P	0.9
8	☐			2463.57	0.0265	P	5.6

$$y = 0.0087 * x + 0.0071$$

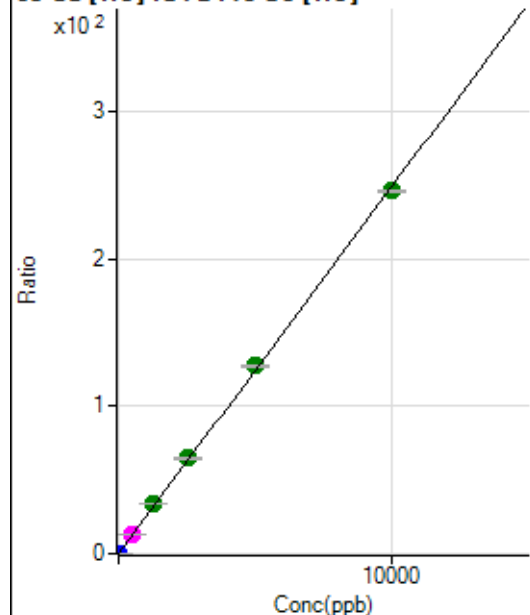
$$R = 0.9998$$

$$DL = 0.2504$$

$$BEC = 0.8184$$

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	1912.37	0.0161	P	7.2
2	☐	2.000	2.306	8167.98	0.0735	P	4.7
3	☐	500.000	512.317	1478517.89	12.7627	M	3.0
4	☐	1250.000	1375.220	3602975.37	34.2320	A	0.7
5	☐	2500.000	2619.915	7171350.03	65.2003	A	2.1
6	☐	5000.000	5116.606	14035986.60	127.3186	A	0.2
7	☐	10000.000	9895.450	29578898.45	246.2174	A	0.7
8	☐			5012.05	0.0539	P	4.4

$$y = 0.0249 * x + 0.0161$$

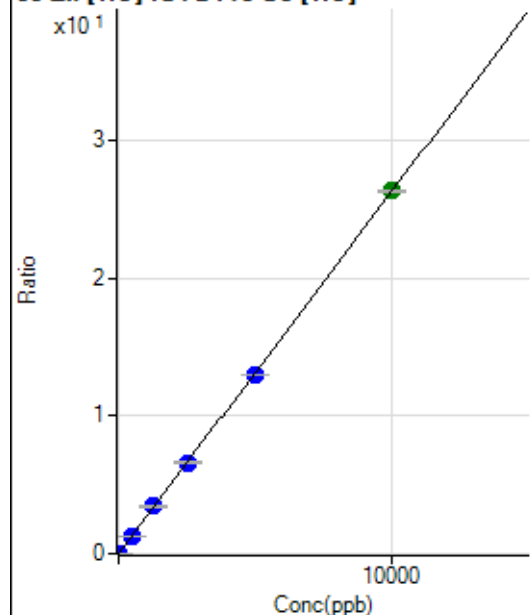
$$R = 0.9998$$

$$DL = 0.1406$$

$$BEC = 0.6482$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	232.23	0.0019	P	5.4
2	☐	2.000	5.381	1790.13	0.0161	P	4.7
3	☐	500.000	500.725	152484.20	1.3162	P	0.8
4	☐	1250.000	1302.418	359993.81	3.4203	P	0.5
5	☐	2500.000	2506.944	723939.38	6.5818	P	1.7
6	☐	5000.000	4927.116	1425874.98	12.9339	P	0.1
7	☐	10000.000	10028.117	3162342.38	26.3222	A	0.6
8	☐			826.70	0.0089	P	8.3

$$y = 0.0026 * x + 0.0019$$

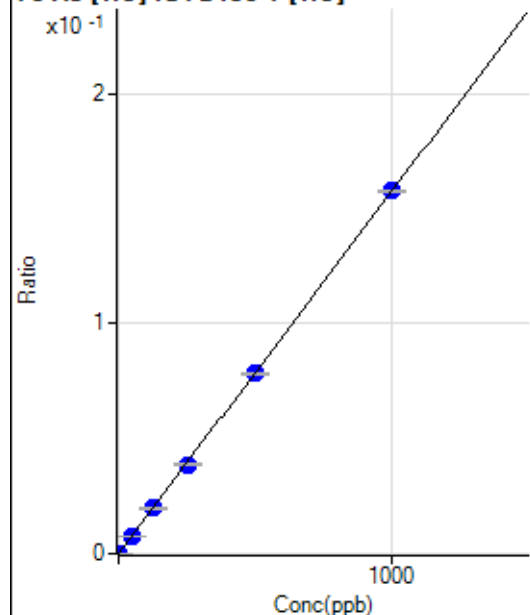
$$R = 0.9999$$

$$DL = 0.1196$$

$$BEC = 0.7404$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	1.000	1.198	205.56	0.0002	P	19.4
3	☐	50.000	48.512	8652.73	0.0076	P	1.9
4	☐	125.000	125.482	20368.15	0.0198	P	1.5
5	☐	250.000	246.068	41558.91	0.0387	P	2.1
6	☐	500.000	497.688	83695.22	0.0783	P	0.6
7	☐	1000.000	1002.153	180659.41	0.1577	P	0.3
8	☐			72.22	0.0001	P	41.1

$$y = 1.5738E-004 * x + 1.6101E-006$$

$$R = 1.0000$$

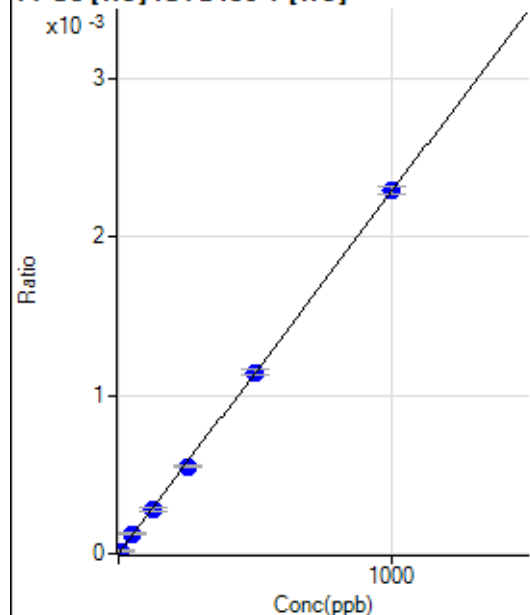
$$DL = 0.05316$$

$$BEC = 0.01023$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.613	18.89	0.0000	P	26.7
3	☐	50.000	54.104	140.00	0.0001	P	8.8
4	☐	125.000	122.249	287.78	0.0003	P	11.4
5	☐	250.000	240.274	588.91	0.0005	P	2.6
6	☐	500.000	501.237	1223.40	0.0011	P	2.8
7	☐	1000.000	1001.939	2621.38	0.0023	P	1.9
8	☐			2.22	0.0000	P	86.6

$$y = 2.2842\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

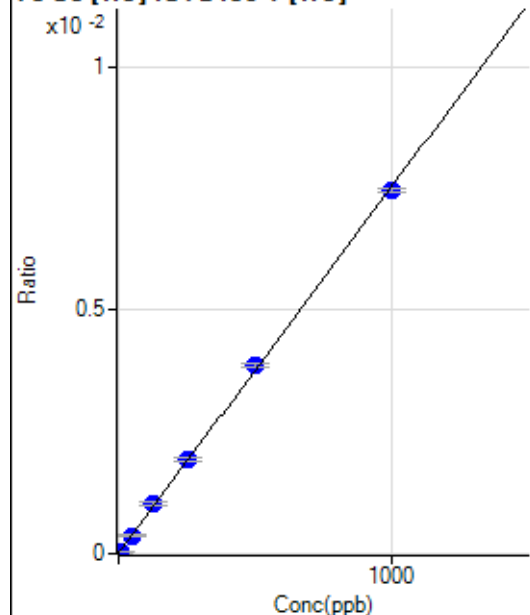
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	58.4
2	☐	5.000	5.439	51.11	0.0000	P	12.8
3	☐	50.000	48.449	420.01	0.0004	P	11.4
4	☐	125.000	137.238	1072.27	0.0010	P	7.5
5	☐	250.000	257.465	2086.84	0.0019	P	3.4
6	☐	500.000	515.301	4152.88	0.0039	P	1.9
7	☐	1000.000	989.029	8538.22	0.0075	P	1.2
8	☐			8.89	0.0000	P	20.9

$$y = 7.5308\text{E-}006 * x + 5.9162\text{E-}006$$

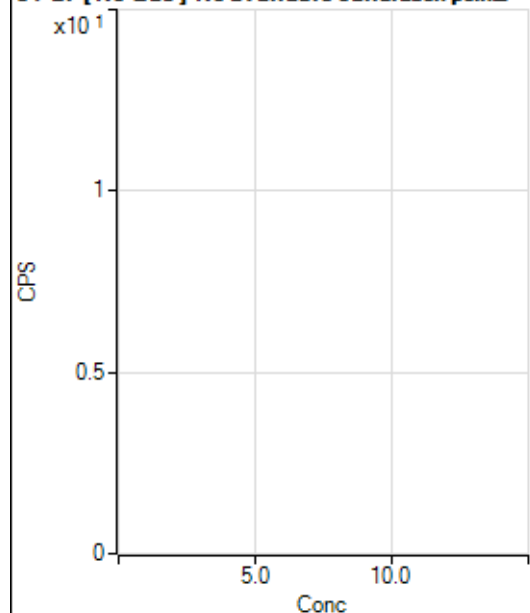
$$R = 0.9997$$

$$DL = 1.376$$

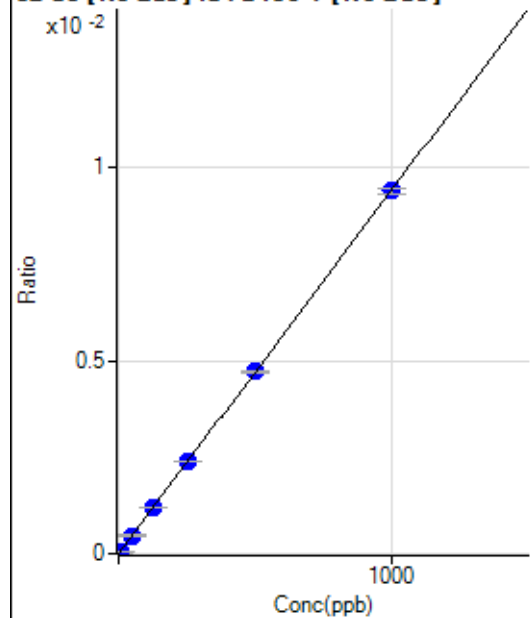
$$BEC = 0.7856$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5552.27		P	3.6
2	☐			5334.40		P	1.0
3	☐			5580.05		P	1.1
4	☐			5347.73		P	2.2
5	☐			5413.32		P	2.9
6	☐			5535.59		P	1.1
7	☐			5991.35		P	1.7
8	☐			5655.63		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0000	P	28.6
2	☐	5.000	5.023	835.60	0.0000	P	4.1
3	☐	50.000	49.749	8700.66	0.0005	P	1.8
4	☐	125.000	126.483	22118.89	0.0012	P	1.6
5	☐	250.000	255.382	41849.26	0.0024	P	0.6
6	☐	500.000	500.368	82440.24	0.0047	P	0.6
7	☐	1000.000	998.297	173042.03	0.0094	P	1.4
8	☐			36.67	0.0000	P	84.5

$$y = 9.4089\text{E-}006 * x + 1.5147\text{E-}006$$

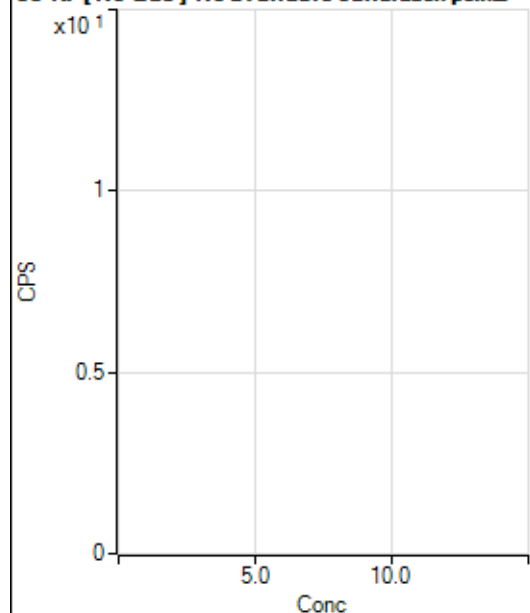
$$R = 1.0000$$

$$DL = 0.1382$$

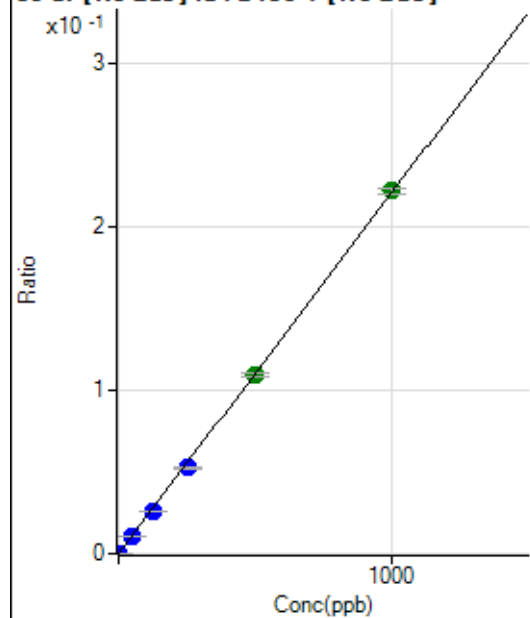
$$BEC = 0.161$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			126.67		P	13.2
2	☐			166.67		P	22.5
3	☐			181.11		P	19.9
4	☐			154.45		P	10.0
5	☐			151.11		P	1.3
6	☐			180.01		P	8.5
7	☐			201.12		P	21.3
8	☐			220.00		P	6.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	258.90	0.0000	P	13.0
2	☐	1.000	0.927	3759.43	0.0002	P	1.0
3	☐	50.000	46.443	190355.81	0.0103	P	1.2
4	☐	125.000	117.892	483691.66	0.0261	P	1.3
5	☐	250.000	238.107	915758.66	0.0526	P	0.8
6	☐	500.000	496.151	1918590.76	0.1096	A	1.8
7	☐	1000.000	1005.964	4093307.41	0.2222	A	1.6
8	☐			10534.06	0.0007	P	6.6

$$y = 2.2090E-004 * x + 1.4602E-005$$

$$R = 0.9999$$

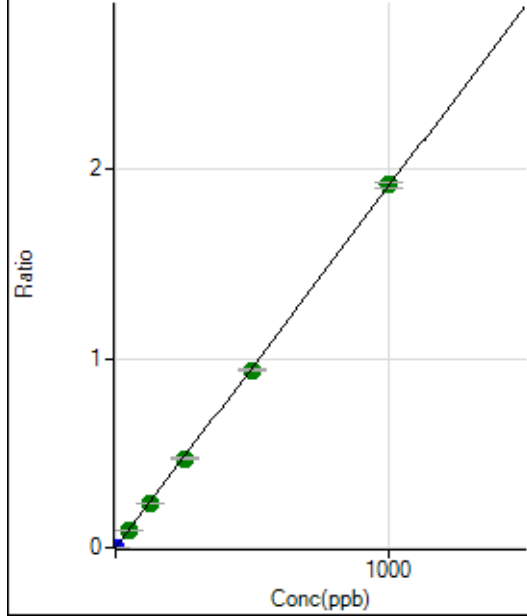
$$DL = 0.02577$$

$$BEC = 0.0661$$

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	707.80	0.0000	P	15.5
2	☐	1.000	0.926	31007.90	0.0018	P	1.4
3	☐	50.000	48.876	1731618.67	0.0935	A	1.0
4	☐	125.000	124.150	4405302.71	0.2373	A	1.0
5	☐	250.000	247.340	8229018.91	0.4728	A	1.6
6	☐	500.000	492.477	16476383.09	0.9413	A	1.4
7	☐	1000.000	1004.589	35367130.30	1.9201	A	1.7
8	☐			89845.38	0.0059	P	4.1

$$y = 0.0019 * x + 3.9934E-005$$

$$R = 1.0000$$

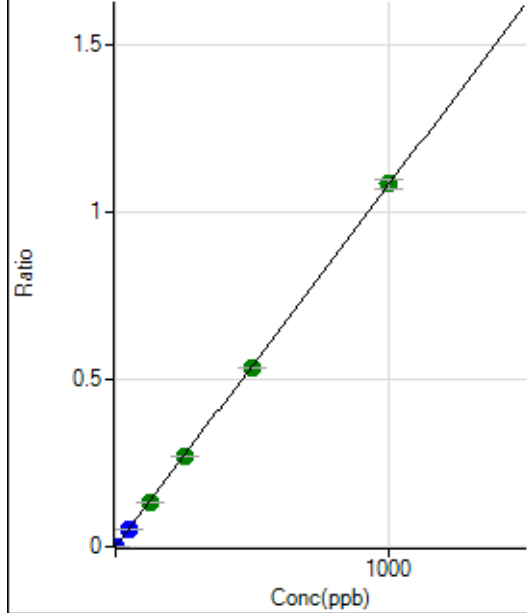
$$DL = 0.009745$$

$$BEC = 0.02089$$

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	564.46	0.0000	P	3.2
2	☐	1.000	0.966	18456.82	0.0011	P	1.1
3	☐	50.000	46.074	924212.16	0.0499	P	1.0
4	☐	125.000	123.840	2487693.96	0.1340	A	1.1
5	☐	250.000	248.932	4688398.51	0.2694	A	0.8
6	☐	500.000	494.723	9371104.17	0.5353	A	0.3
7	☐	1000.000	1003.247	19992217.34	1.0855	A	2.9
8	☐			9665.65	0.0006	P	5.3

$$y = 0.0011 * x + 3.1501E-005$$

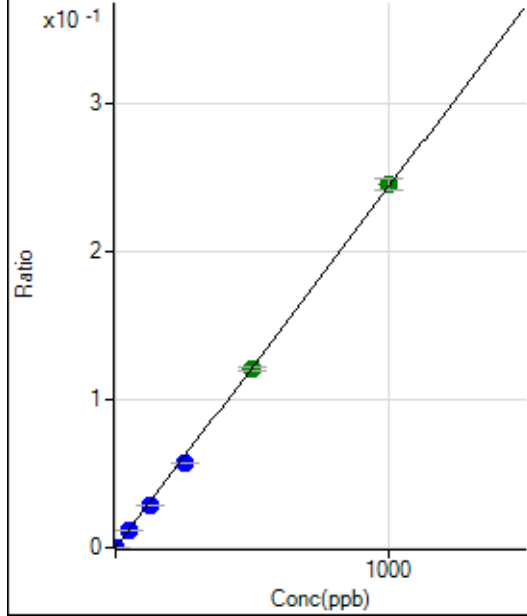
$$R = 1.0000$$

$$DL = 0.00276$$

$$BEC = 0.02912$$

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	127.78	0.0000	P	13.6
2	☐	1.000	0.969	4161.78	0.0002	P	4.3
3	☐	50.000	45.587	205497.41	0.0111	P	1.2
4	☐	125.000	116.692	526803.24	0.0284	P	0.5
5	☐	250.000	235.625	997299.58	0.0573	P	1.1
6	☐	500.000	496.907	2114769.98	0.1208	A	1.9
7	☐	1000.000	1006.400	4506863.96	0.2447	A	3.1
8	☐			2180.19	0.0001	P	7.7

$$y = 2.4314\text{E-}004 * x + 7.1949\text{E-}006$$

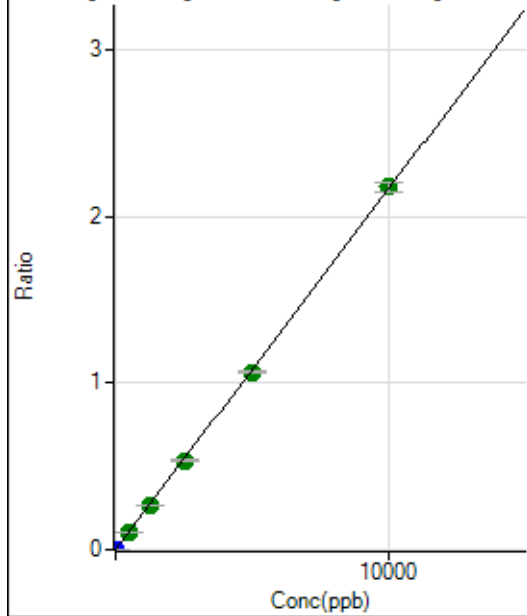
$$R = 0.9999$$

$$DL = 0.01207$$

$$BEC = 0.02959$$

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	285.56	0.0000	P	2.0
2	☐	5.000	5.640	21228.50	0.0012	P	2.1
3	☐	500.000	482.712	1938444.66	0.1046	A	0.5
4	☐	1250.000	1230.309	4949033.16	0.2666	A	1.2
5	☐	2500.000	2466.768	9304185.42	0.5346	A	1.0
6	☐	5000.000	4911.716	18632288.89	1.0644	A	0.9
7	☐	10000.000	10055.775	40135484.40	2.1791	A	2.5
8	☐			8655.02	0.0006	P	11.1

$$y = 2.1670\text{E-}004 * x + 1.5981\text{E-}005$$

$$R = 0.9999$$

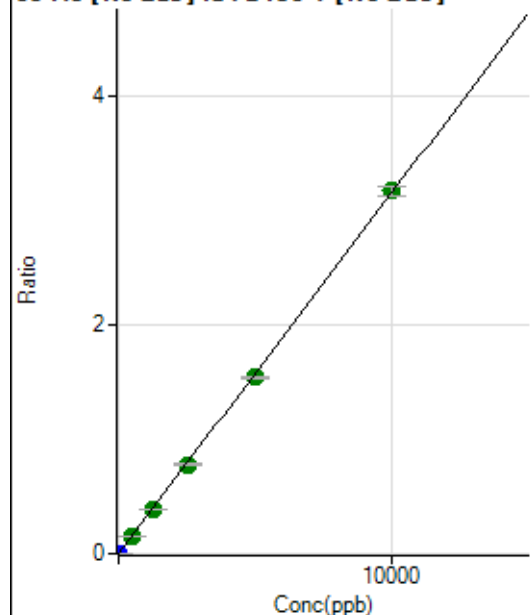
$$DL = 0.004525$$

$$BEC = 0.07375$$

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	181.11	0.0000	P	5.7
2	☐	5.000	4.725	25731.76	0.0015	P	0.6
3	☐	500.000	483.816	2828682.87	0.1527	A	0.2
4	☐	1250.000	1221.243	7152796.21	0.3853	A	0.7
5	☐	2500.000	2471.828	13575138.13	0.7799	A	1.0
6	☐	5000.000	4888.477	26999805.99	1.5424	A	1.0
7	☐	10000.000	10067.209	58504785.79	3.1764	A	2.5
8	☐			8064.66	0.0005	P	11.8

$$y = 3.1552\text{E-}004 * x + 1.0163\text{E-}005$$

$$R = 0.9999$$

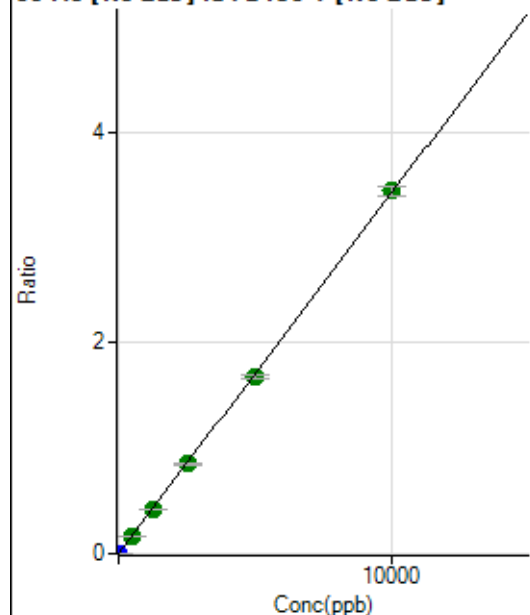
$$DL = 0.005536$$

$$BEC = 0.03221$$

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	318.90	0.0000	P	8.5
2	☐	5.000	4.863	28812.22	0.0017	P	1.1
3	☐	500.000	483.361	3063102.04	0.1653	A	0.4
4	☐	1250.000	1217.108	7726453.71	0.4162	A	0.6
5	☐	2500.000	2481.610	14771290.20	0.8487	A	0.5
6	☐	5000.000	4895.238	29301907.89	1.6741	A	1.7
7	☐	10000.000	10061.922	63376610.72	3.4410	A	2.5
8	☐			12358.96	0.0008	P	10.1

$$y = 3.4198\text{E-}004 * x + 1.7884\text{E-}005$$

$$R = 0.9999$$

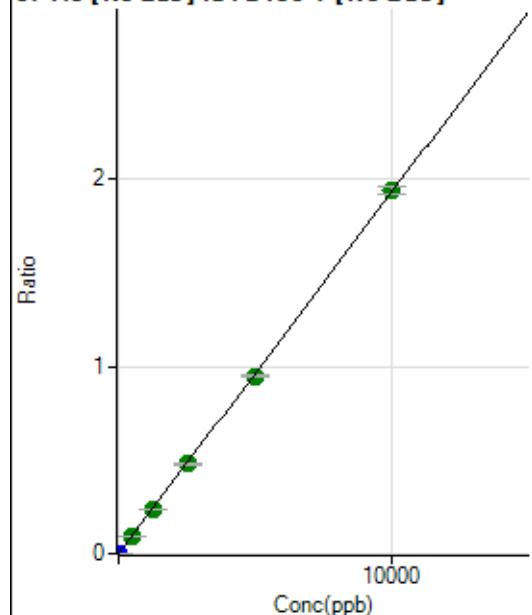
$$DL = 0.01331$$

$$BEC = 0.0523$$

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	125.56	0.0000	P	13.9
2	☐	5.000	4.781	15939.29	0.0009	P	1.1
3	☐	500.000	479.607	1715516.47	0.0926	A	1.4
4	☐	1250.000	1229.670	4406607.22	0.2374	A	0.4
5	☐	2500.000	2481.172	8336781.89	0.4790	A	0.5
6	☐	5000.000	4921.583	16629661.98	0.9501	A	1.6
7	☐	10000.000	10047.477	35725592.53	1.9396	A	2.1
8	☐			4406.31	0.0003	P	15.0

$$y = 1.9304\text{E-}004 * x + 7.0284\text{E-}006$$

$$R = 1.0000$$

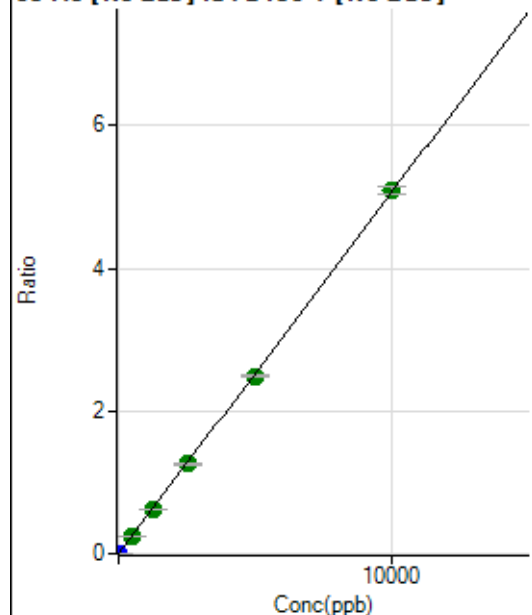
$$DL = 0.01522$$

$$BEC = 0.03641$$

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	327.78	0.0000	P	11.1
2	☐	5.000	4.779	41756.21	0.0024	P	0.7
3	☐	500.000	481.587	4513915.32	0.2436	A	1.3
4	☐	1250.000	1225.309	11505428.58	0.6198	A	1.3
5	☐	2500.000	2479.615	21832321.90	1.2543	A	1.2
6	☐	5000.000	4917.615	43544248.24	2.4876	A	0.9
7	☐	10000.000	10050.296	93640340.83	5.0839	A	2.0
8	☐			11175.73	0.0007	P	14.2

$$y = 5.0585\text{E-}004 * x + 1.8340\text{E-}005$$

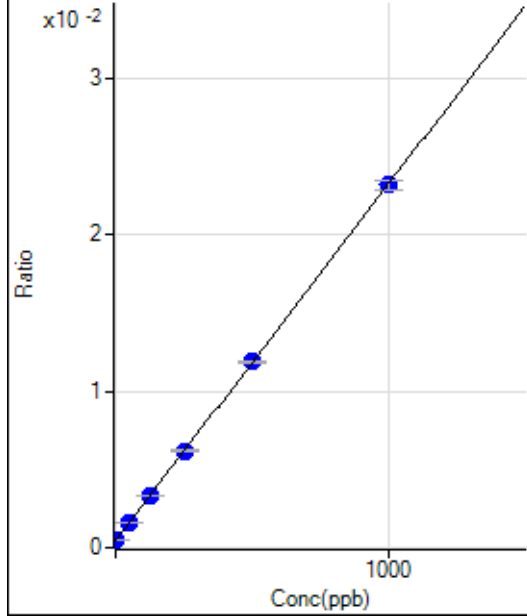
$$R = 0.9999$$

$$DL = 0.01212$$

$$BEC = 0.03626$$

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	5764.60	0.0004	P	3.2
2	☐	1.000	1.222	5952.47	0.0005	P	4.0
3	☐	50.000	50.374	21628.13	0.0016	P	4.0
4	☐	125.000	127.744	46109.00	0.0034	P	1.4
5	☐	250.000	252.873	80701.73	0.0062	P	1.5
6	☐	500.000	502.619	152828.44	0.0119	P	0.7
7	☐	1000.000	997.610	317502.42	0.0232	P	2.4
8	☐			5088.77	0.0004	P	1.8

$$y = 2.2813\text{E-}005 * x + 4.4062\text{E-}004$$

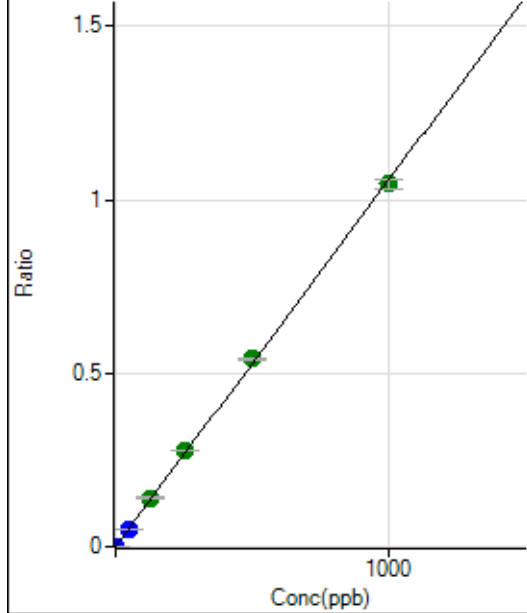
$$R = 1.0000$$

$$DL = 1.878$$

$$BEC = 19.31$$

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	138.89	0.0000	P	10.1
2	☐	1.000	0.953	12921.71	0.0010	P	2.5
3	☐	50.000	49.576	712362.34	0.0524	P	0.1
4	☐	125.000	132.810	1927266.57	0.1402	A	1.6
5	☐	250.000	260.631	3576570.40	0.2752	A	0.6
6	☐	500.000	512.571	6945881.01	0.5412	A	1.2
7	☐	1000.000	990.102	14306860.62	1.0453	A	2.3
8	☐			1595.67	0.0001	P	12.8

$$y = 0.0011 * x + 1.0660\text{E-}005$$

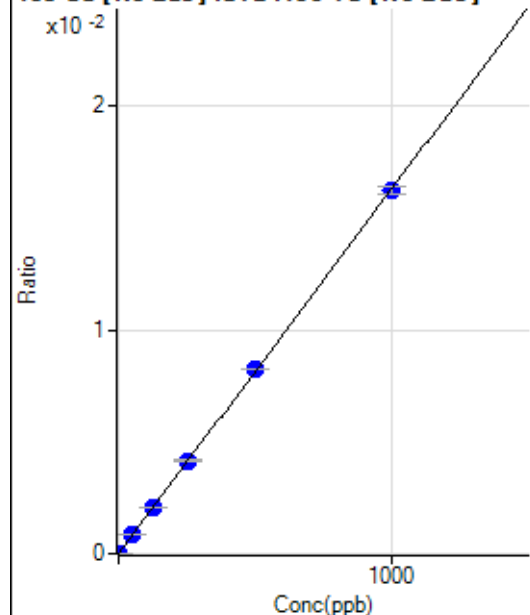
$$R = 0.9998$$

$$DL = 0.00306$$

$$BEC = 0.0101$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.11	0.0000	P	11.7
2	☐	1.000	0.981	252.23	0.0000	P	13.4
3	☐	50.000	50.949	11334.74	0.0008	P	0.6
4	☐	125.000	127.004	28460.47	0.0021	P	1.2
5	☐	250.000	253.199	53602.53	0.0041	P	2.1
6	☐	500.000	506.752	105900.44	0.0083	P	0.7
7	☐	1000.000	995.526	221775.75	0.0162	P	2.3
8	☐			191.11	0.0000	P	13.1

$$y = 1.6273\text{E-}005 * x + 3.8756\text{E-}006$$

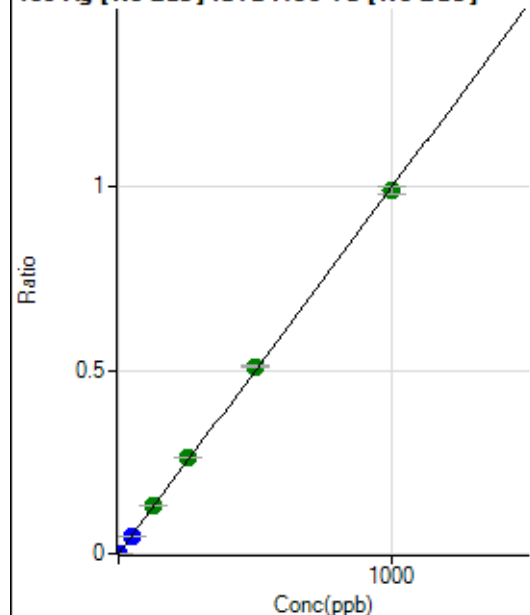
$$R = 1.0000$$

$$DL = 0.08378$$

$$BEC = 0.2382$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	35.3
2	☐	1.000	0.971	12364.55	0.0010	P	1.5
3	☐	50.000	49.628	673724.74	0.0495	P	0.9
4	☐	125.000	132.263	1813573.64	0.1319	A	0.4
5	☐	250.000	262.740	3406618.90	0.2621	A	0.8
6	☐	500.000	509.848	6528183.93	0.5086	A	0.9
7	☐	1000.000	991.002	13530247.71	0.9886	A	2.2
8	☐			1523.44	0.0001	P	8.2

$$y = 9.9757\text{E-}004 * x + 4.2672\text{E-}006$$

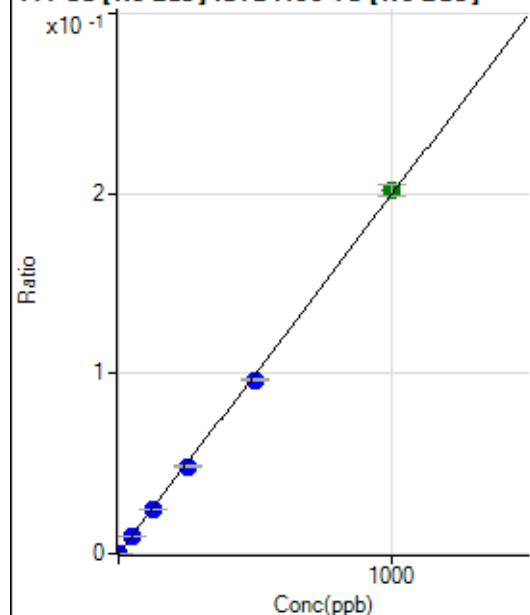
$$R = 0.9998$$

$$DL = 0.004531$$

$$BEC = 0.004278$$

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	1162.69	0.0001	P	4.2
2	☐	1.000	1.011	3694.23	0.0003	P	4.3
3	☐	50.000	49.180	134729.72	0.0099	P	0.8
4	☐	125.000	122.798	337993.41	0.0246	P	0.5
5	☐	250.000	243.260	631997.27	0.0486	P	1.4
6	☐	500.000	482.816	1237633.14	0.0964	P	1.0
7	☐	1000.000	1010.593	2760830.65	0.2017	A	3.3
8	☐			1596.23	0.0001	P	6.5

$$y = 1.9953\text{E-}004 * x + 8.8934\text{E-}005$$

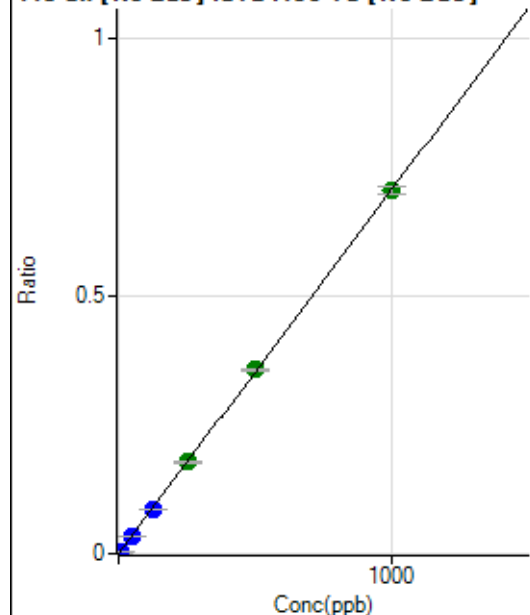
$$R = 0.9998$$

$$DL = 0.05566$$

$$BEC = 0.4457$$

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	1300.08	0.0001	P	13.2
2	☐	5.000	4.827	44482.20	0.0035	P	1.2
3	☐	50.000	47.768	459326.54	0.0338	P	0.7
4	☐	125.000	121.038	1173573.53	0.0854	P	0.5
5	☐	250.000	251.867	2307715.05	0.1776	A	2.8
6	☐	500.000	504.988	4568031.77	0.3559	A	1.5
7	☐	1000.000	997.647	9622239.93	0.7030	A	2.0
8	☐			2580.26	0.0002	P	9.6

$$y = 7.0460\text{E-}004 * x + 1.0003\text{E-}004$$

$$R = 1.0000$$

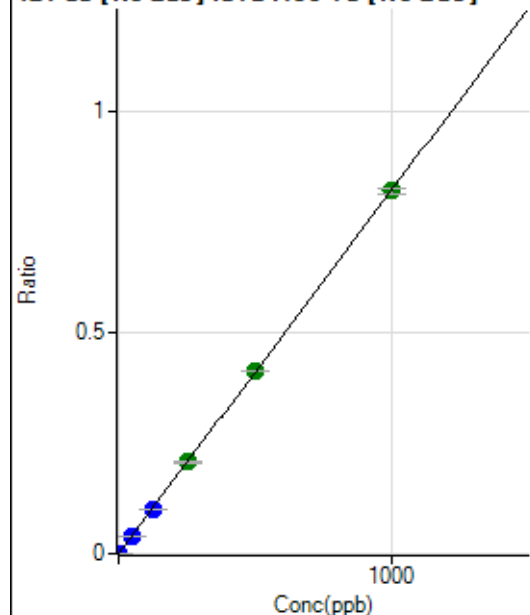
$$DL = 0.05643$$

$$BEC = 0.142$$

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	71.11	0.0000	P	21.4
2	☐	2.000	1.951	20437.61	0.0016	P	1.3
3	☐	50.000	47.228	527969.51	0.0388	P	0.7
4	☐	125.000	119.396	1348201.46	0.0981	P	0.5
5	☐	250.000	253.533	2706982.67	0.2083	A	2.0
6	☐	500.000	502.751	5301011.48	0.4130	A	1.0
7	☐	1000.000	998.580	11227353.44	0.8203	A	1.9
8	☐			3280.43	0.0003	P	12.8

$$y = 8.2149\text{E-}004 * x + 5.4952\text{E-}006$$

$$R = 1.0000$$

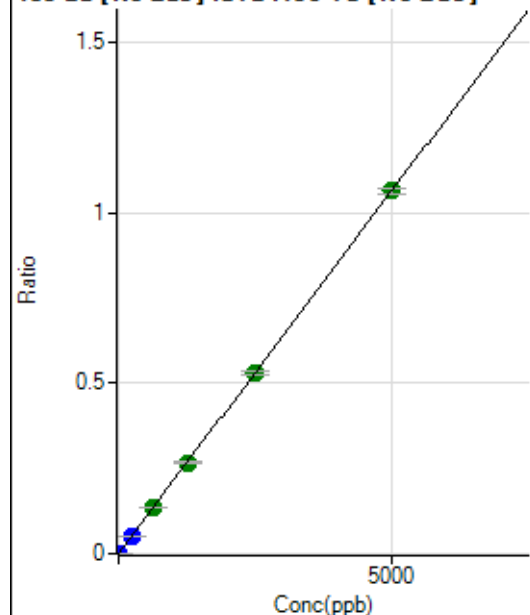
$$DL = 0.004292$$

$$BEC = 0.006689$$

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	150.00	0.0000	P	27.7
2	☐	10.000	9.635	26155.35	0.0021	P	1.1
3	☐	250.000	232.433	672023.03	0.0494	P	1.3
4	☐	625.000	627.155	1831495.89	0.1332	A	0.2
5	☐	1250.000	1258.873	3475957.28	0.2675	A	1.9
6	☐	2500.000	2488.505	6784830.18	0.5287	A	2.1
7	☐	5000.000	5004.139	14550577.29	1.0631	A	1.6
8	☐			5918.02	0.0005	P	8.0

$$y = 2.1244\text{E-}004 * x + 1.1620\text{E-}005$$

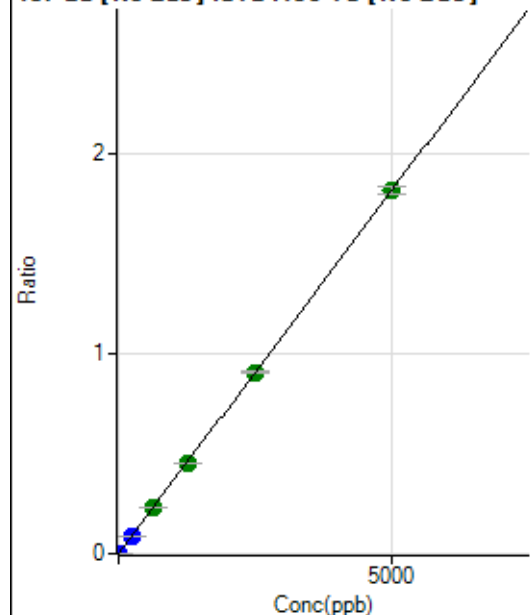
$$R = 1.0000$$

$$DL = 0.04553$$

$$BEC = 0.05469$$

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	244.45	0.0000	P	16.5
2	☐	10.000	9.880	45739.41	0.0036	P	2.0
3	☐	250.000	237.091	1169536.93	0.0860	P	0.9
4	☐	625.000	635.622	3167035.34	0.2304	A	0.6
5	☐	1250.000	1245.972	5869701.37	0.4516	A	1.7
6	☐	2500.000	2502.761	11643454.55	0.9072	A	1.2
7	☐	5000.000	4998.945	24798814.63	1.8119	A	2.0
8	☐			10272.89	0.0009	P	8.5

$$y = 3.6246E-004 * x + 1.8604E-005$$

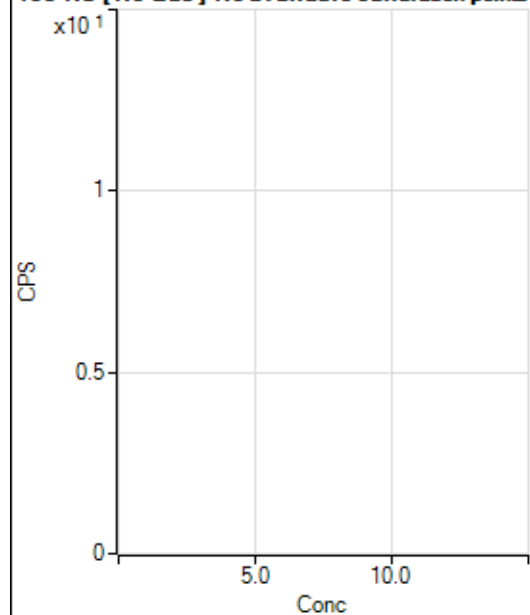
$$R = 1.0000$$

$$DL = 0.02534$$

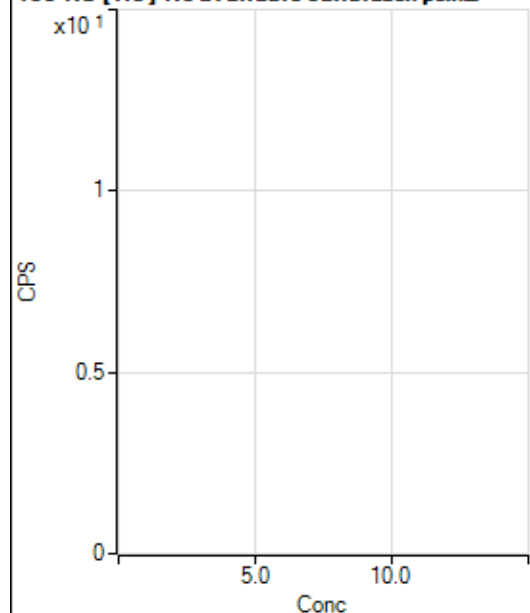
$$BEC = 0.05133$$

Weight: <None>

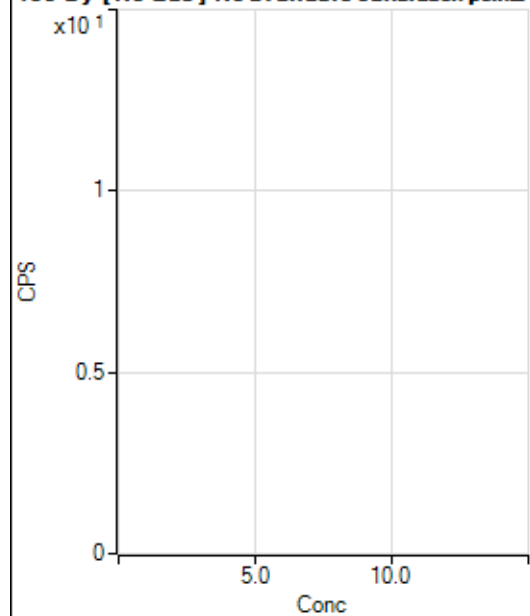
Min Conc: 0

150 Nd [No Gas] No available calibration points

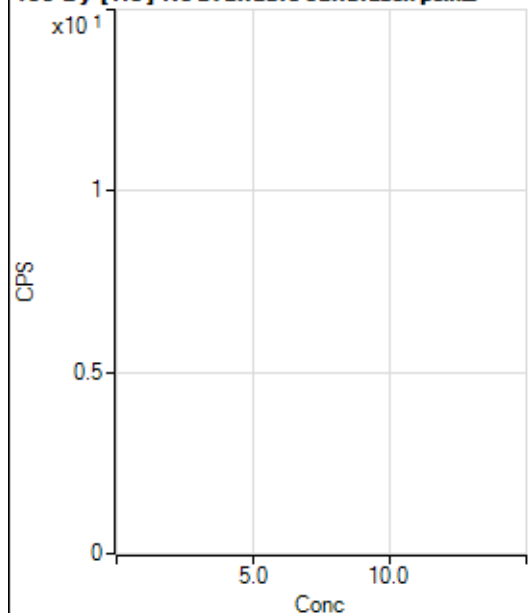
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			14.44		P	70.5
3	☐			81.11		P	10.3
4	☐			172.23		P	30.7
5	☐			363.34		P	9.6
6	☐			716.69		P	9.9
7	☐			1572.33		P	6.6
8	☐			300.01		P	10.9

150 Nd [He] No available calibration points

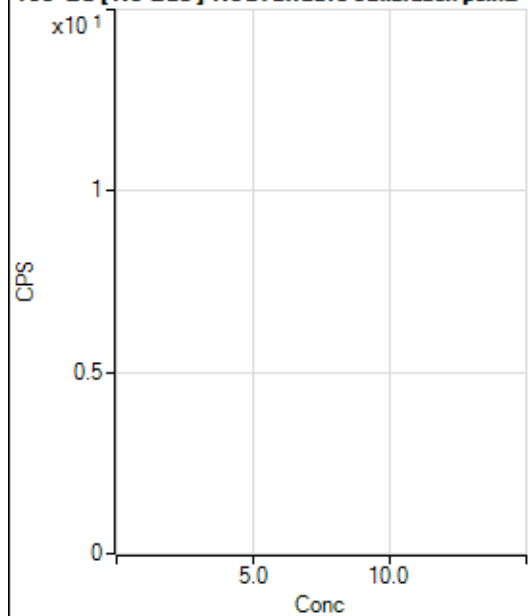
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			2.22		P	173.
3	☐			7.78		P	24.7
4	☐			10.00		P	33.3
5	☐			17.78		P	39.0
6	☐			28.89		P	6.7
7	☐			55.55		P	19.3
8	☐			64.44		P	11.9

156 Dy [No Gas] No available calibration points

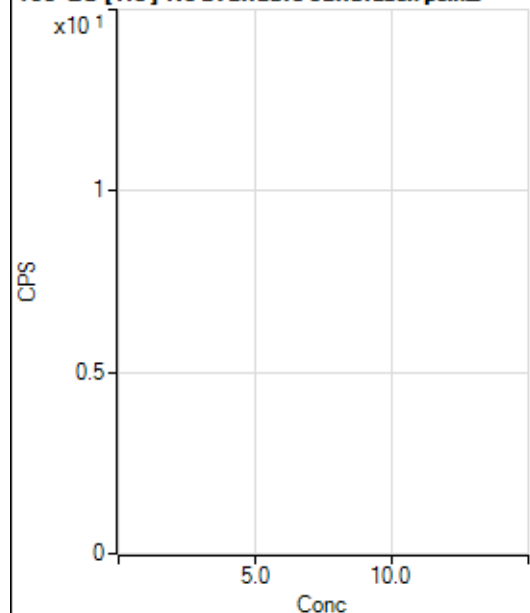
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			275.56		P	8.2
2	☐			280.01		P	14.3
3	☐			257.78		P	7.4
4	☐			265.56		P	8.4
5	☐			277.78		P	13.6
6	☐			387.79		P	14.8
7	☐			503.35		P	7.8
8	☐			570.02		P	9.1

156 Dy [He] No available calibration points

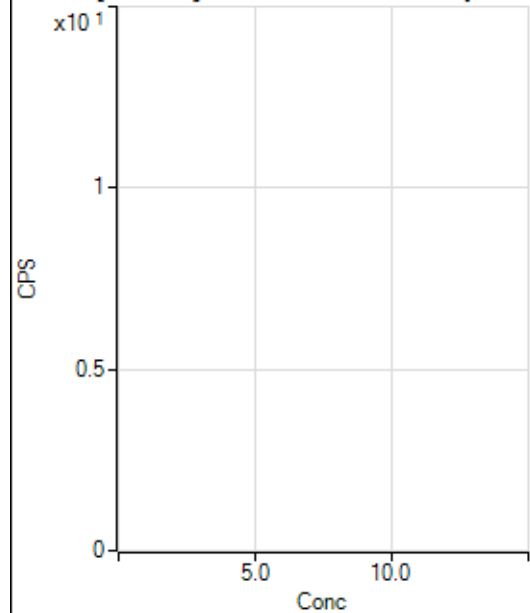
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			4.45		P	86.6
3	☐			17.78		P	28.6
4	☐			7.78		P	49.5
5	☐			11.11		P	17.3
6	☐			22.22		P	82.6
7	☐			40.00		P	22.0
8	☐			106.67		P	11.3

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

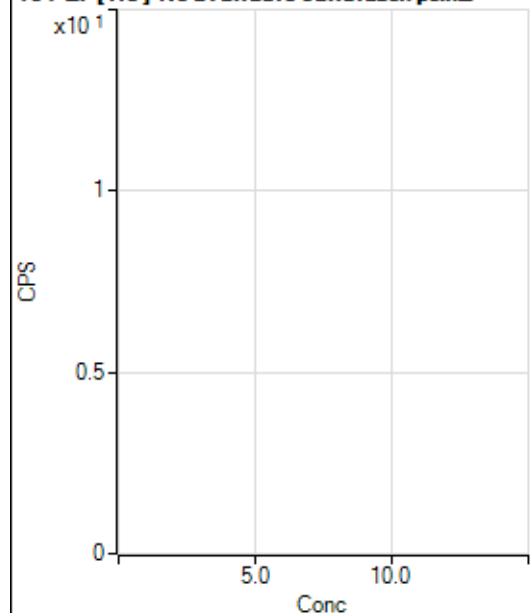
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	23.6
2	☐			35.55		P	30.1
3	☐			48.89		P	20.8
4	☐			64.44		P	38.8
5	☐			52.22		P	13.3
6	☐			106.67		P	19.5
7	☐			186.67		P	19.3
8	☐			422.24		P	3.6

160 Gd [He] No available calibration points

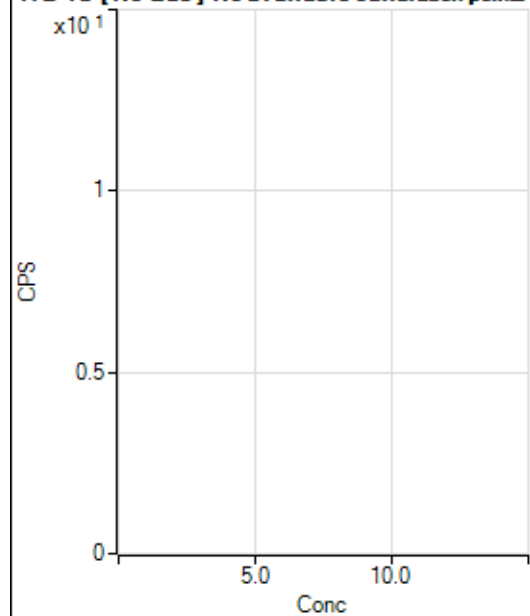
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐			15.55		P	24.8
3	☐			20.00		P	28.9
4	☐			15.56		P	32.7
5	☐			14.44		P	96.1
6	☐			21.11		P	32.9
7	☐			53.33		P	16.5
8	☐			144.45		P	4.8

164 Er [No Gas] No available calibration points

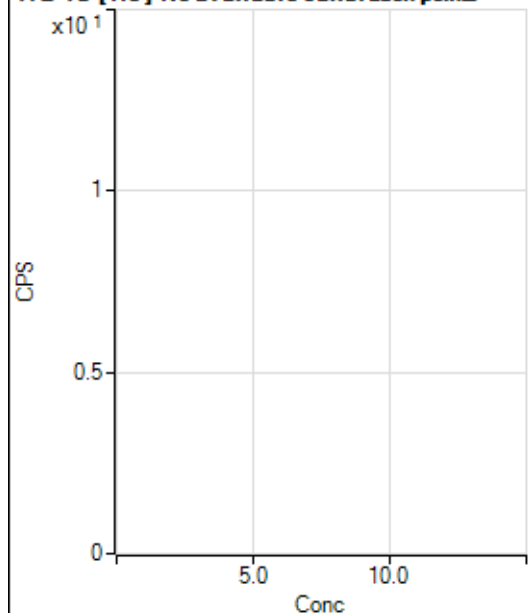
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	11.4
2	☐			54.45		P	19.7
3	☐			61.11		P	32.9
4	☐			74.45		P	27.4
5	☐			115.56		P	16.4
6	☐			145.56		P	24.3
7	☐			241.12		P	8.9
8	☐			430.01		P	4.3

164 Er [He] No available calibration points

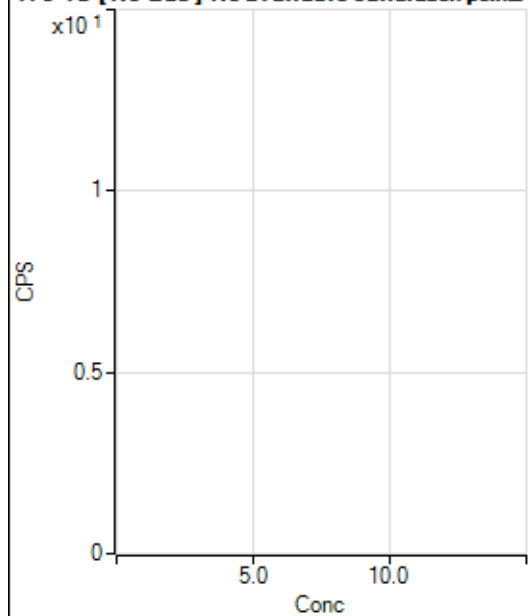
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	40.7
2	☐			17.78		P	21.7
3	☐			30.00		P	11.1
4	☐			28.89		P	52.0
5	☐			28.89		P	35.2
6	☐			46.67		P	18.9
7	☐			61.11		P	11.4
8	☐			143.34		P	14.0

172 Yb [No Gas] No available calibration points

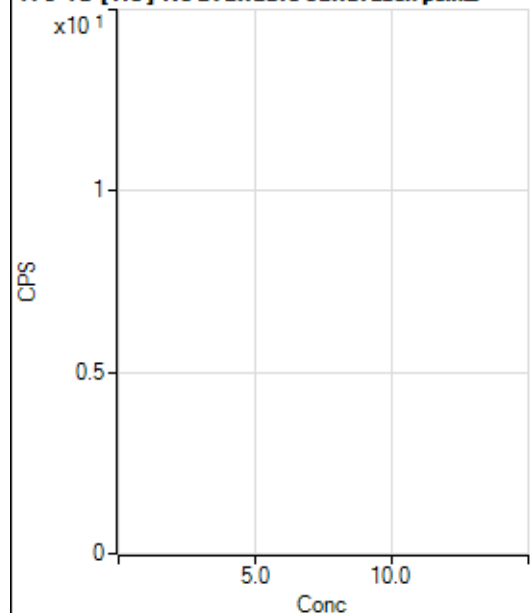
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	40.1
2	☐			65.56		P	2.9
3	☐			93.33		P	3.6
4	☐			94.44		P	8.1
5	☐			113.34		P	22.2
6	☐			150.00		P	17.6
7	☐			218.89		P	3.2
8	☐			521.13		P	14.7

172 Yb [He] No available calibration points

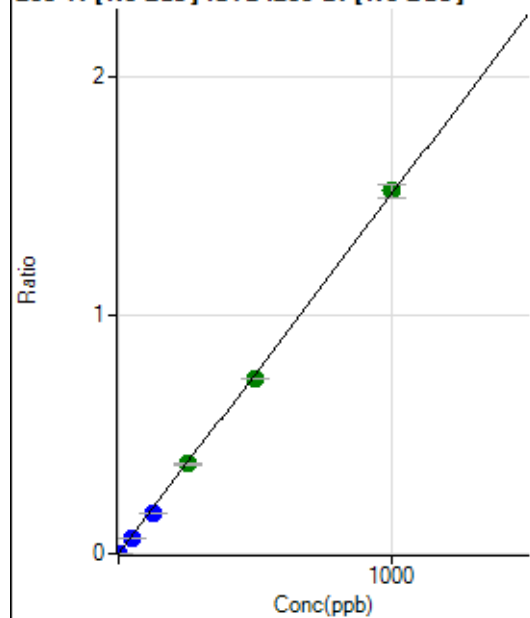
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	22.9
2	☐			22.22		P	8.7
3	☐			18.89		P	36.7
4	☐			22.22		P	45.8
5	☐			46.67		P	14.3
6	☐			53.33		P	18.8
7	☐			65.56		P	28.0
8	☐			198.89		P	9.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1783.48		P	12.1
2	☐			1710.13		P	2.8
3	☐			4275.18		P	0.3
4	☐			8421.65		P	2.6
5	☐			14143.22		P	1.7
6	☐			26209.35		P	0.7
7	☐			53748.77		P	1.2
8	☐			1832.37		P	5.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			283.34		P	10.8
2	☐			227.78		P	13.6
3	☐			963.38		P	1.9
4	☐			2081.30		P	1.9
5	☐			4148.47		P	3.4
6	☐			7993.61		P	1.8
7	☐			17190.18		P	0.9
8	☐			328.90		P	11.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	311.12	0.0000	P	8.8
2	☐	1.000	0.914	11221.61	0.0014	P	1.0
3	☐	50.000	44.541	568499.49	0.0671	P	1.1
4	☐	125.000	113.669	1444628.00	0.1713	P	1.3
5	☐	250.000	248.898	2916239.68	0.3751	A	1.0
6	☐	500.000	486.233	5638388.32	0.7326	A	0.7
7	☐	1000.000	1008.848	11924470.24	1.5201	A	3.6
8	☐			1091.17	0.0002	P	20.7

$$y = 0.0015 * x + 3.8200E-005$$

$$R = 0.9998$$

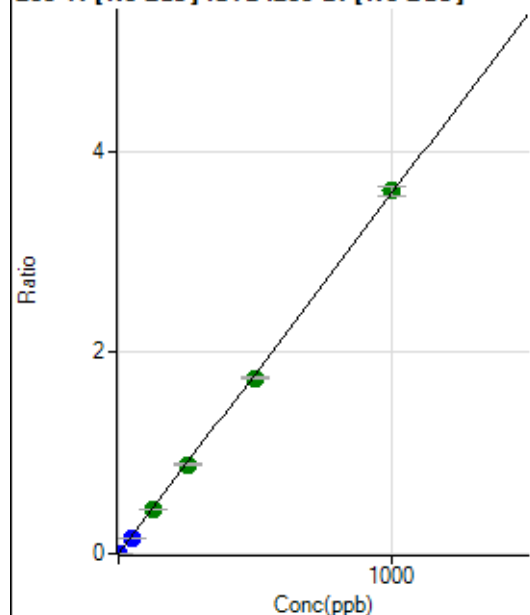
$$DL = 0.006724$$

$$BEC = 0.02535$$

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	761.14	0.0001	P	15.5
2	☐	1.000	0.908	26511.65	0.0033	P	1.6
3	☐	50.000	44.998	1363664.49	0.1611	P	0.7
4	☐	125.000	121.501	3666362.83	0.4347	A	0.7
5	☐	250.000	247.228	6877154.69	0.8845	A	2.0
6	☐	500.000	486.910	13405455.77	1.7419	A	1.3
7	☐	1000.000	1007.925	28288362.64	3.6058	A	2.9
8	☐			2443.60	0.0004	P	16.5

$$y = 0.0036 * x + 9.4730E-005$$

$$R = 0.9999$$

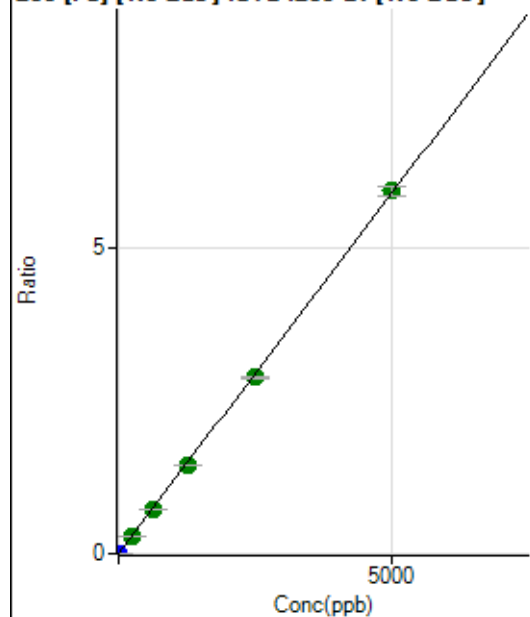
$$DL = 0.01229$$

$$BEC = 0.02648$$

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	994.49	0.0001	P	10.4
2	☐	1.000	0.932	9657.01	0.0012	P	0.4
3	☐	250.000	242.195	2409443.96	0.2846	A	0.5
4	☐	625.000	612.130	6064301.78	0.7191	A	0.7
5	☐	1250.000	1226.916	11205394.42	1.4412	A	1.6
6	☐	2500.000	2443.859	22091060.51	2.8705	A	0.9
7	☐	5000.000	5035.841	46403068.75	5.9148	A	2.9
8	☐			5735.79	0.0009	P	12.5

$$y = 0.0012 * x + 1.2334E-004$$

$$R = 0.9999$$

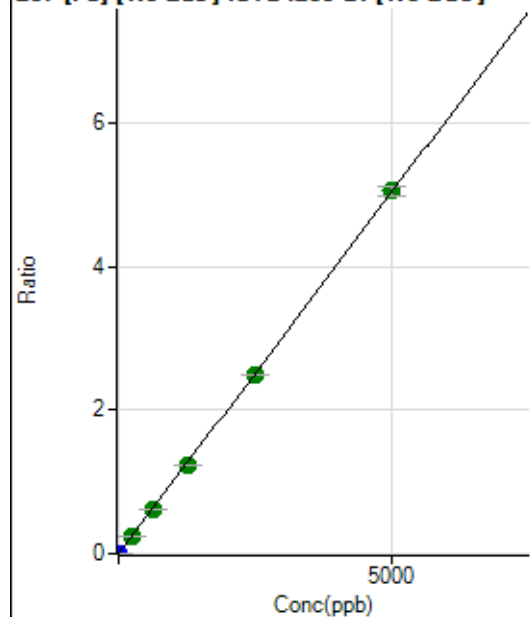
$$DL = 0.03279$$

$$BEC = 0.105$$

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	840.04	0.0001	P	14.9
2	☐	1.000	0.935	8293.85	0.0010	P	1.5
3	☐	250.000	243.041	2074354.15	0.2450	A	0.4
4	☐	625.000	613.704	5216025.06	0.6185	A	0.4
5	☐	1250.000	1226.425	9610295.69	1.2359	A	1.0
6	☐	2500.000	2470.067	19155810.83	2.4890	A	0.6
7	☐	5000.000	5022.620	39708537.19	5.0611	A	2.3
8	☐			4823.17	0.0008	P	11.2

$$y = 0.0010 * x + 1.0404E-004$$

$$R = 1.0000$$

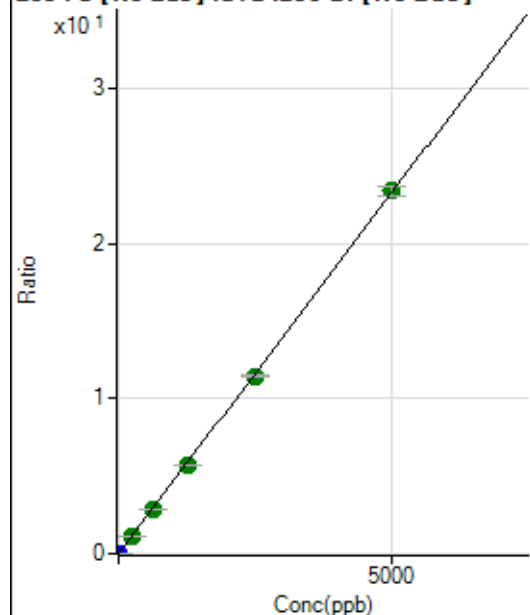
$$DL = 0.04622$$

$$BEC = 0.1032$$

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	3888.05	0.0005	P	8.4
2	☐	1.000	0.943	38570.74	0.0049	P	1.4
3	☐	250.000	241.883	9528728.94	1.1254	A	0.5
4	☐	625.000	609.028	23891288.18	2.8330	A	1.0
5	☐	1250.000	1228.582	44432182.81	5.7144	A	1.6
6	☐	2500.000	2458.543	88000742.86	11.4348	A	0.8
7	☐	5000.000	5028.486	183486974.4	23.3872	A	2.4
8	☐			22481.25	0.0037	P	11.8

$$y = 0.0047 * x + 4.8155E-004$$

$$R = 0.9999$$

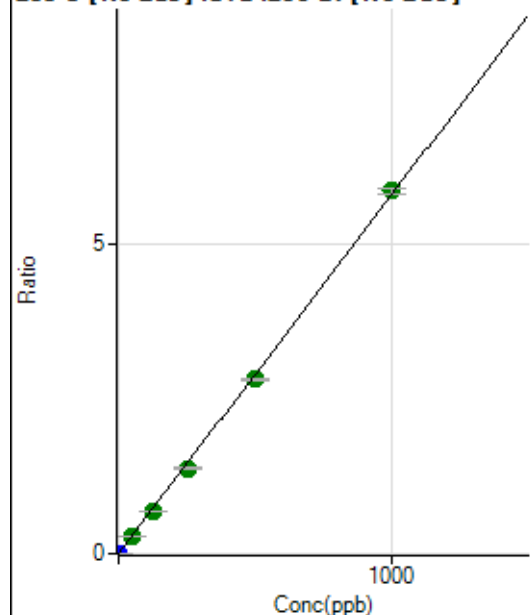
$$DL = 0.02622$$

$$BEC = 0.1035$$

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	583.34	0.0001	P	10.7
2	☐	1.000	0.898	41736.08	0.0053	P	1.7
3	☐	50.000	45.838	2244125.63	0.2651	A	0.7
4	☐	125.000	117.500	5728988.97	0.6793	A	1.5
5	☐	250.000	238.038	10700285.38	1.3762	A	1.8
6	☐	500.000	485.681	21607471.10	2.8078	A	1.4
7	☐	1000.000	1011.295	45872089.52	5.8464	A	1.7
8	☐			23090.52	0.0038	P	7.1

$$y = 0.0058 * x + 7.2372E-005$$

$$R = 0.9998$$

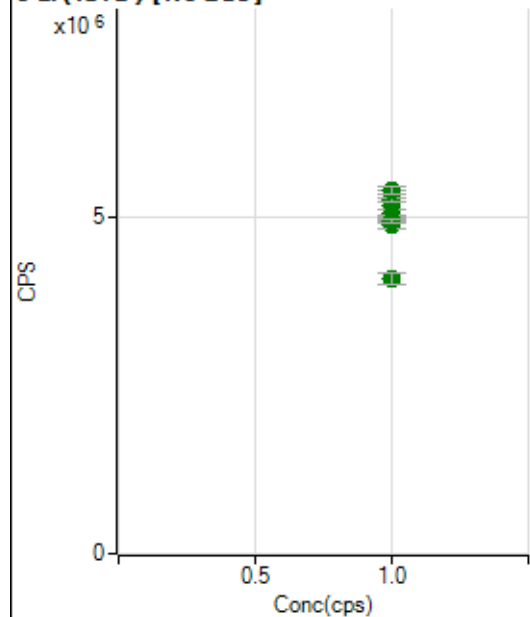
$$DL = 0.004022$$

$$BEC = 0.01252$$

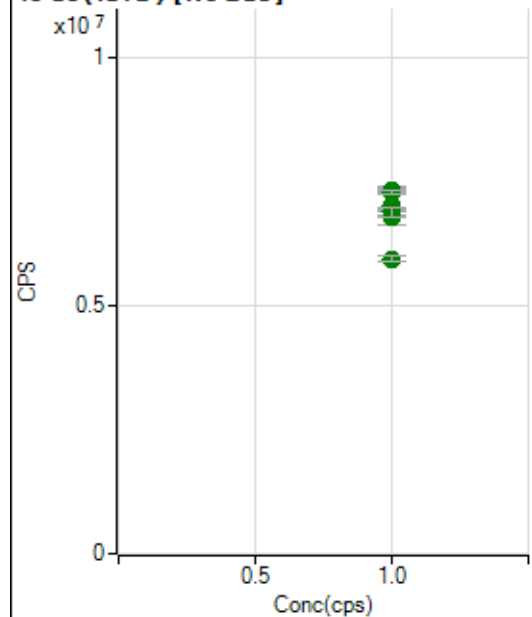
Weight: <None>

Min Conc: 0

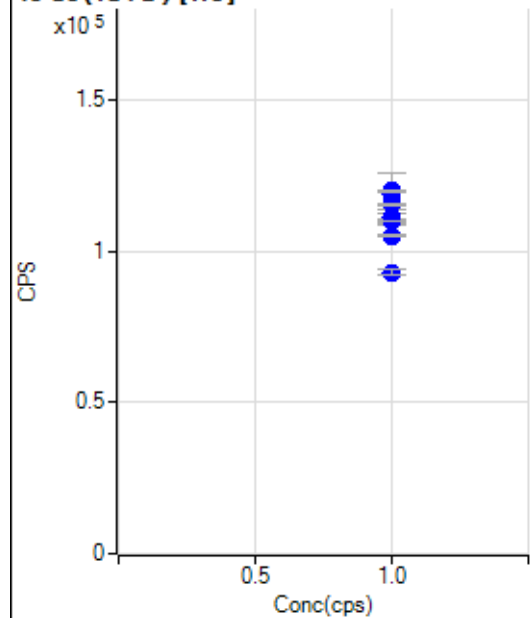
6 Li (ISTD) [No Gas]



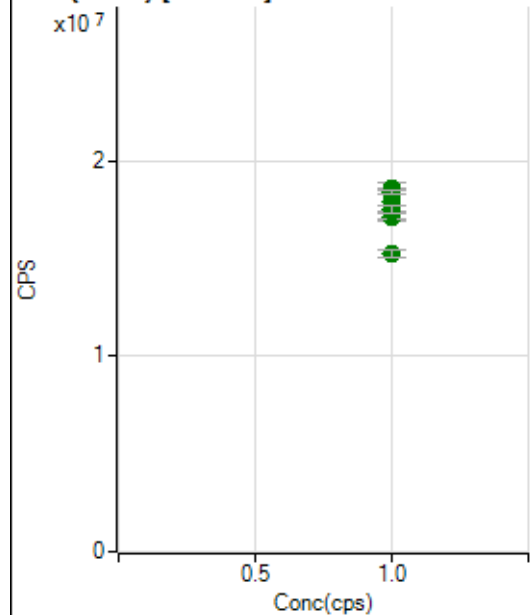
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5158157.43		A	9.2
2	☐	1.000		5059982.15		A	2.1
3	☐	1.000		5247526.93		A	1.2
4	☐	1.000		5381360.31		A	2.1
5	☐	1.000		5011278.75		A	0.4
6	☐	1.000		4874211.04		A	2.3
7	☐	1.000		4930541.24		A	0.9
8	☐	1.000		4074458.82		A	3.8

45 Sc (ISTD) [No Gas]

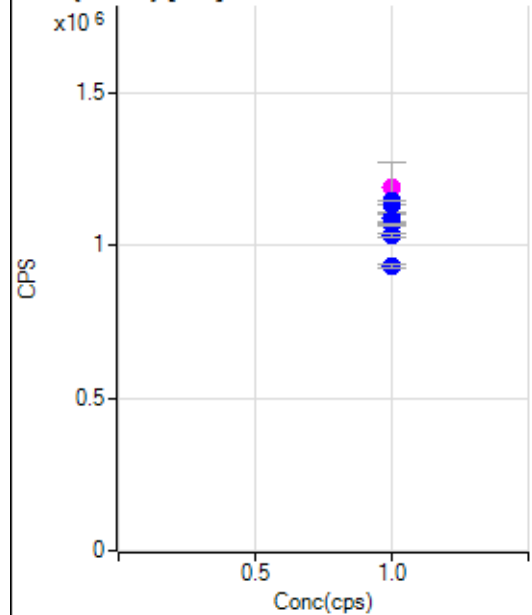
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7009103.02		A	10.7
2	☐	1.000		6798470.04		A	0.9
3	☐	1.000		7288711.84		A	0.4
4	☐	1.000		7312028.15		A	1.5
5	☐	1.000		6928370.66		A	0.5
6	☐	1.000		6890654.69		A	2.9
7	☐	1.000		7283954.13		A	1.1
8	☐	1.000		5943279.08		A	1.8

45 Sc (ISTD) [He]

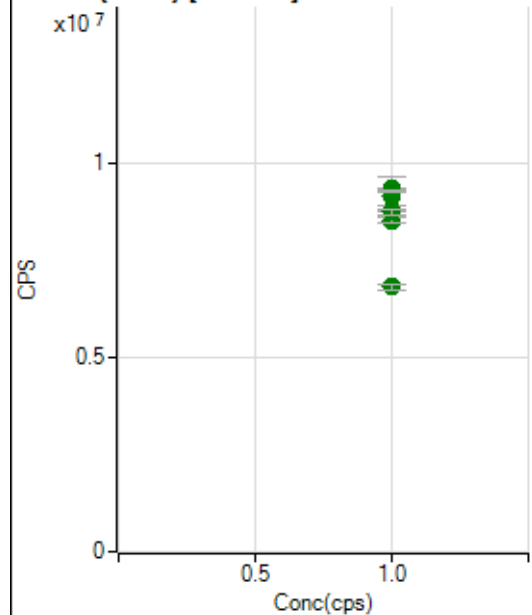
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		119086.71		P	11.2
2	☐	1.000		111264.81		P	4.6
3	☐	1.000		115857.40		P	0.5
4	☐	1.000		105249.35		P	0.6
5	☐	1.000		110006.86		P	1.2
6	☐	1.000		110243.10		P	0.4
7	☐	1.000		120137.69		P	0.8
8	☐	1.000		93012.93		P	2.1

89 Y (ISTD) [No Gas]

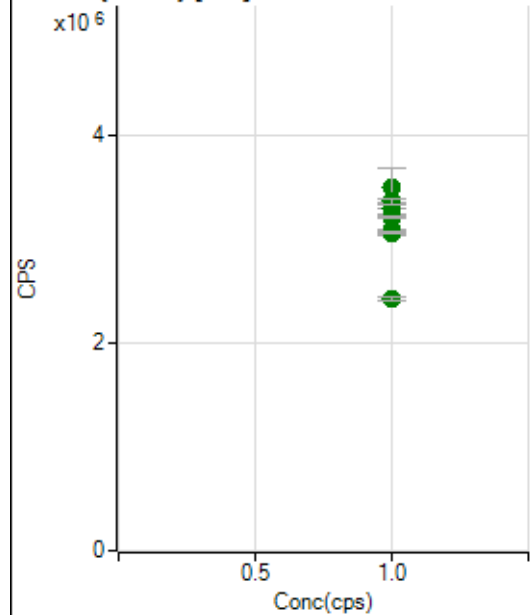
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17894583.62		A	10.7
2	☐	1.000		17140290.44		A	1.6
3	☐	1.000		18528824.45		A	0.6
4	☐	1.000		18562913.75		A	0.7
5	☐	1.000		17405378.21		A	0.5
6	☐	1.000		17506680.57		A	1.8
7	☐	1.000		18420954.17		A	1.1
8	☐	1.000		15277238.66		A	2.5

89 Y (ISTD) [He]

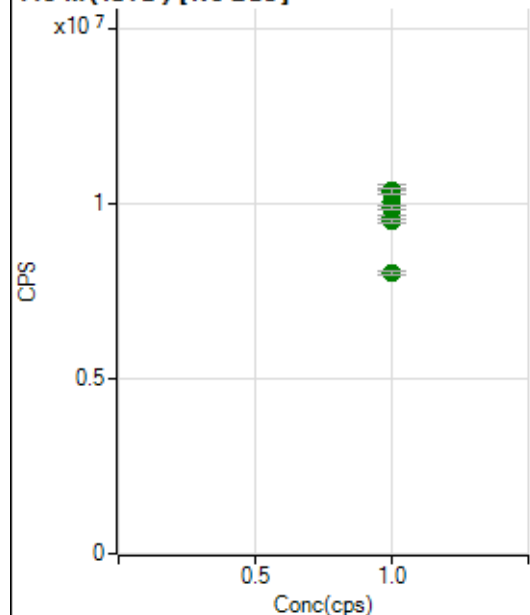
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1187422.66		M	14.2
2	☐	1.000		1086952.21		P	4.1
3	☐	1.000		1133043.76		P	0.3
4	☐	1.000		1031383.93		P	1.0
5	☐	1.000		1073092.09		P	0.3
6	☐	1.000		1068507.49		P	0.4
7	☐	1.000		1145432.84		P	0.3
8	☐	1.000		932484.15		P	1.0

103 Rh (ISTD) [No Gas]

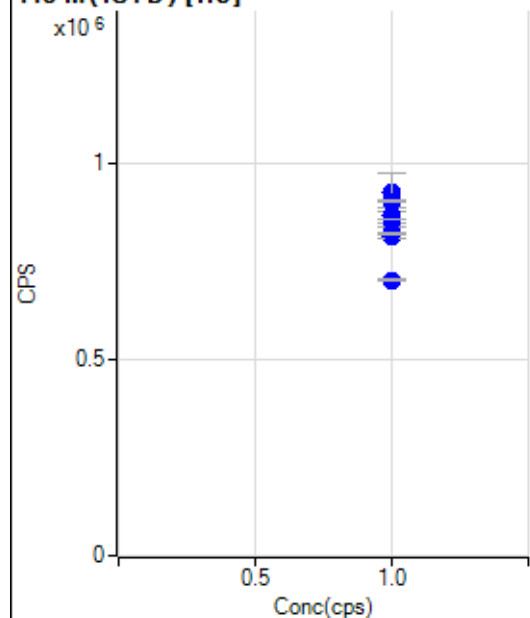
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9151365.63		A	11.1
2	☐	1.000		8829071.05		A	1.9
3	☐	1.000		9343114.58		A	0.8
4	☐	1.000		9283284.37		A	0.2
5	☐	1.000		8676824.66		A	0.2
6	☐	1.000		8538748.07		A	1.4
7	☐	1.000		8756733.69		A	1.5
8	☐	1.000		6819380.04		A	2.5

103 Rh (ISTD) [He]

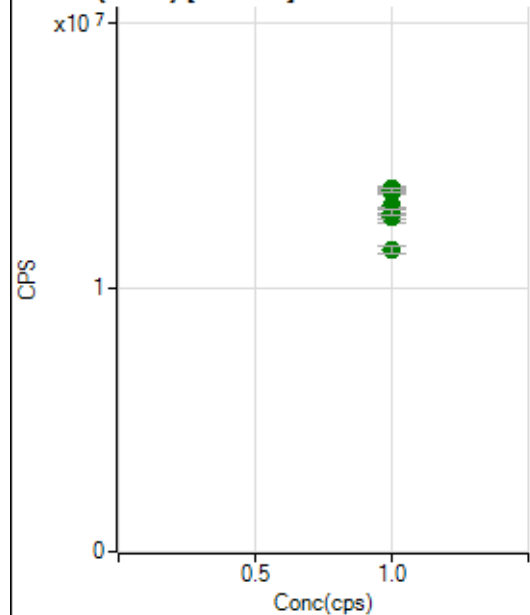
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3499487.52		A	11.1
2	☐	1.000		3298339.43		A	3.5
3	☐	1.000		3374616.62		A	1.7
4	☐	1.000		3066899.82		A	1.2
5	☐	1.000		3093877.45		A	0.5
6	☐	1.000		3073813.46		A	0.9
7	☐	1.000		3212143.94		A	0.6
8	☐	1.000		2429716.06		A	1.1

115 In (ISTD) [No Gas]

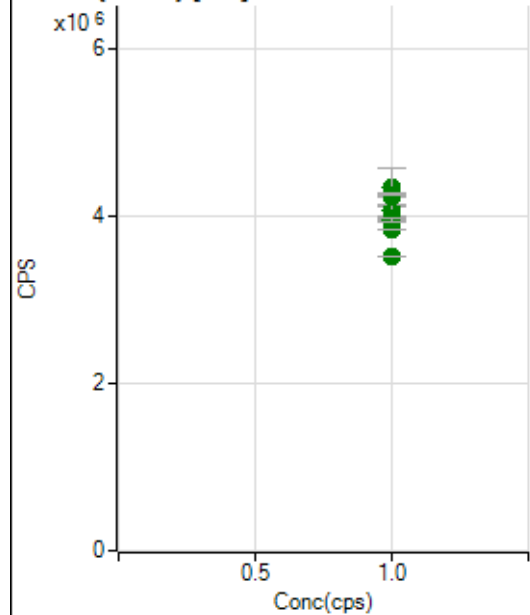
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10041991.90		A	9.9
2	☐	1.000		9623369.75		A	1.5
3	☐	1.000		10362961.98		A	1.1
4	☐	1.000		10373913.42		A	1.3
5	☐	1.000		9628466.78		A	1.2
6	☐	1.000		9501074.83		A	1.4
7	☐	1.000		9920817.09		A	1.1
8	☐	1.000		8042616.39		A	1.6

115 In (ISTD) [He]

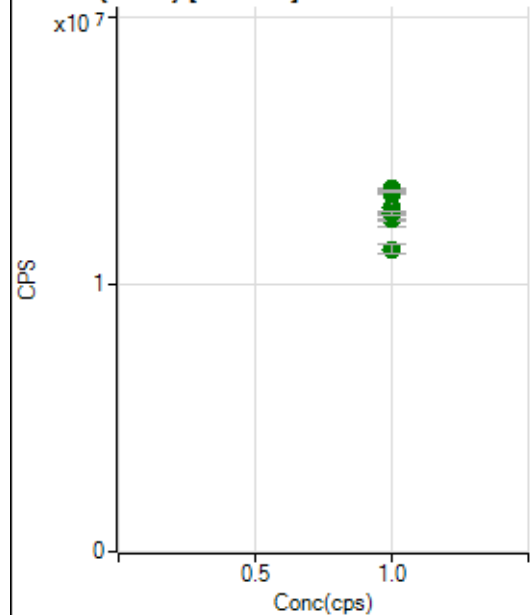
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		925641.34		P	10.6
2	☐	1.000		867236.62		P	4.3
3	☐	1.000		904760.87		P	0.6
4	☐	1.000		814720.18		P	1.0
5	☐	1.000		838615.89		P	0.2
6	☐	1.000		823835.63		P	0.6
7	☐	1.000		856948.66		P	0.0
8	☐	1.000		703252.28		P	0.7

159 Tb(ISTD) [No Gas]

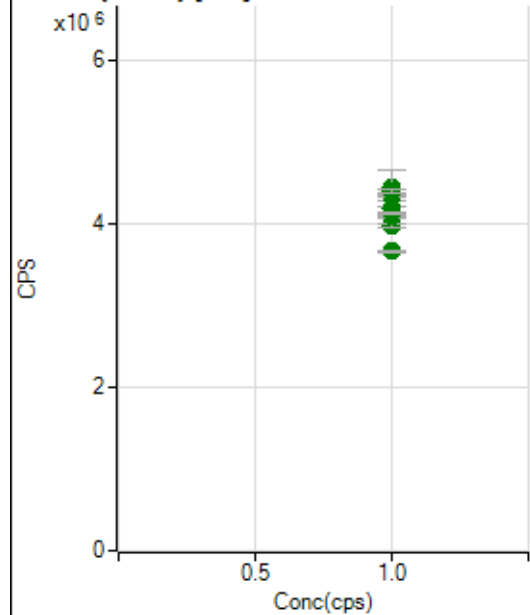
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13110498.83		A	10.3
2	☐	1.000		12704942.03		A	1.4
3	☐	1.000		13607098.69		A	0.8
4	☐	1.000		13745128.96		A	1.1
5	☐	1.000		12997352.17		A	0.5
6	☐	1.000		12836504.95		A	1.7
7	☐	1.000		13688035.91		A	0.9
8	☐	1.000		11436424.97		A	2.2

159 Tb(ISTD) [He]

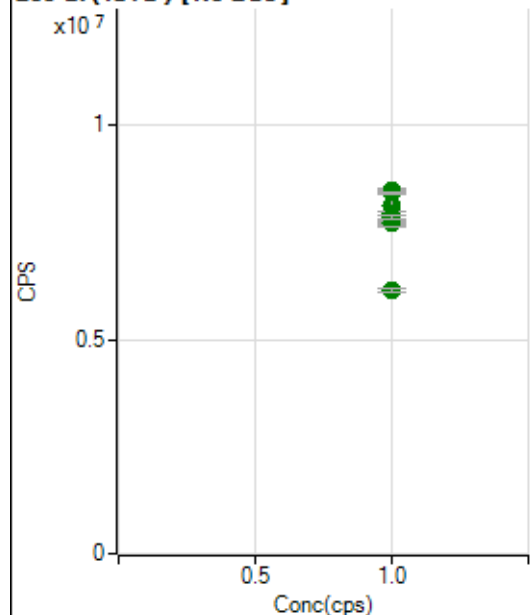
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4331168.62		A	10.5
2	☐	1.000		4051898.76		A	3.9
3	☐	1.000		4220059.24		A	0.2
4	☐	1.000		3831450.01		A	0.2
5	☐	1.000		3963819.00		A	1.1
6	☐	1.000		3949214.07		A	0.6
7	☐	1.000		4252523.37		A	0.7
8	☐	1.000		3513961.48		A	0.6

165 Ho (ISTD) [No Gas]

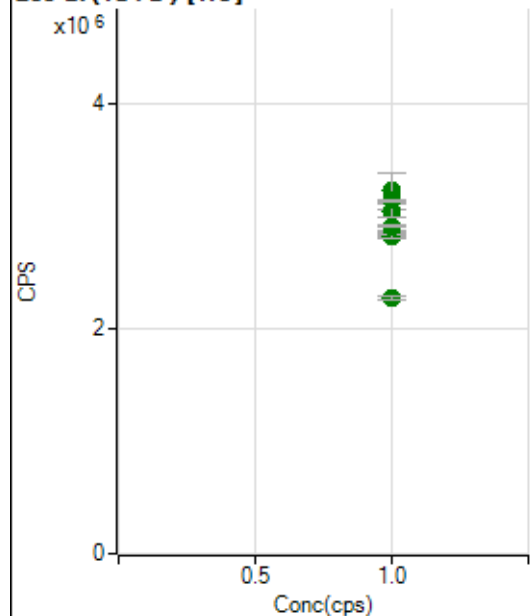
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12879547.59		A	10.9
2	☐	1.000		12434708.70		A	0.7
3	☐	1.000		13430065.08		A	0.8
4	☐	1.000		13592096.60		A	0.4
5	☐	1.000		12660587.59		A	0.4
6	☐	1.000		12678696.34		A	1.3
7	☐	1.000		13494775.08		A	0.7
8	☐	1.000		11320518.03		A	3.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4436012.26		A	10.2
2	☐	1.000		4176560.01		A	4.4
3	☐	1.000		4333180.77		A	0.6
4	☐	1.000		3970108.97		A	0.8
5	☐	1.000		4080329.11		A	1.0
6	☐	1.000		4129666.74		A	0.7
7	☐	1.000		4391483.34		A	1.0
8	☐	1.000		3666140.19		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8120681.41		A	10.5
2	☐	1.000		7926095.23		A	1.1
3	☐	1.000		8466653.62		A	0.7
4	☐	1.000		8433499.39		A	0.5
5	☐	1.000		7776018.77		A	1.2
6	☐	1.000		7696433.15		A	1.4
7	☐	1.000		7847506.27		A	1.5
8	☐	1.000		6147496.58		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3223357.21		A	10.2
2	☐	1.000		3048996.83		A	3.8
3	☐	1.000		3136324.92		A	1.0
4	☐	1.000		2820719.26		A	0.4
5	☐	1.000		2865687.49		A	0.8
6	☐	1.000		2823794.23		A	1.1
7	☐	1.000		2910544.05		A	0.5
8	☐	1.000		2268678.94		A	1.5