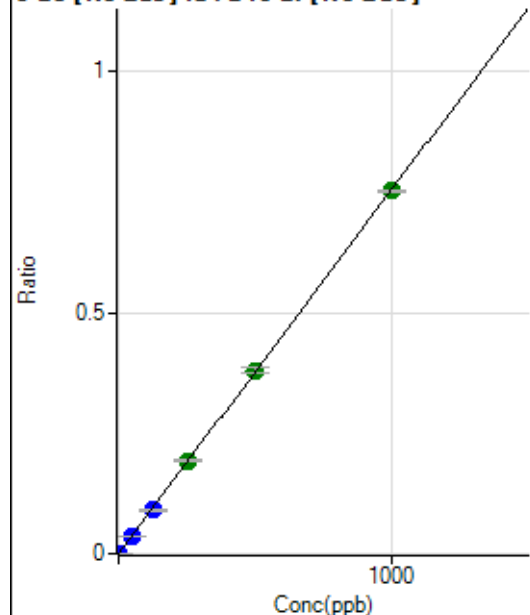


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020725MS-2.b\
 Analysis File: P8020725MS-2.batch.bin
 DA Date-Time: 2025-02-07 17:48:59
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-07 14:22:54
2	005CALS.d	S02	2025-02-07 14:26:13
3	006CALB.d	S03	2025-02-07 14:29:34
4	007CALS.d	S04	2025-02-07 14:32:34
5	008CALS.d	S05	2025-02-07 14:35:31
6	009CALS.d	S06	2025-02-07 14:38:17
7	010CALS.d	S07	2025-02-07 14:41:05
8	011CALS.d	S08	2025-02-07 14:43:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.78	0.0001	P	9.2
2	☐	1.000	1.045	7250.89	0.0009	P	1.0
3	☐	50.000	49.251	311125.00	0.0372	P	1.8
4	☐	125.000	120.601	752949.91	0.0910	P	3.6
5	☐	250.000	255.226	1545962.43	0.1925	A	2.1
6	☐	500.000	504.212	2975227.55	0.3803	A	2.3
7	☐	1000.000	997.175	5659536.47	0.7520	A	0.7
8	☐			2004.89	0.0003	P	11.3

$$y = 7.5411\text{E-}004 * x + 6.3366\text{E-}005$$

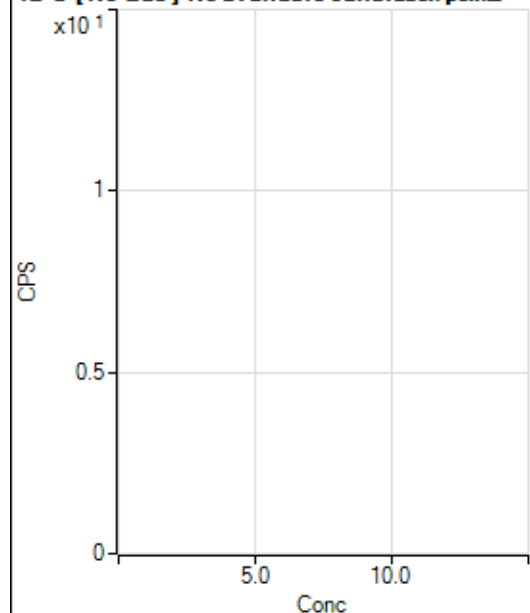
$$R = 1.0000$$

$$DL = 0.0232$$

$$BEC = 0.08403$$

Weight: <None>

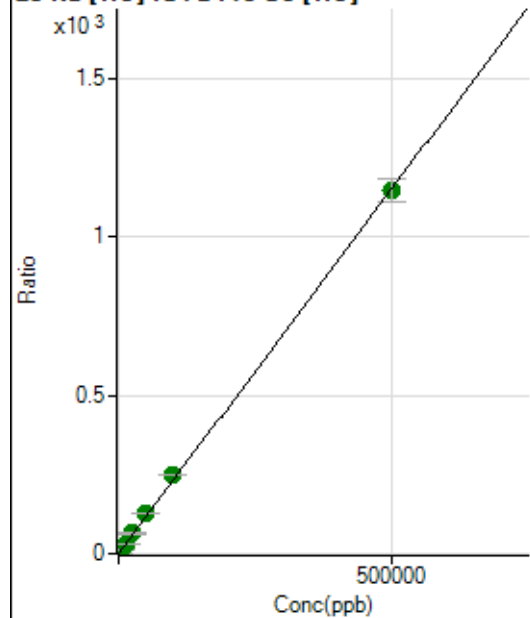
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3596589.74		A	2.4
2	☐			3850087.82		A	1.9
3	☐			4285188.65		A	1.1
4	☐			4346721.36		A	0.5
5	☐			4459355.07		A	1.1
6	☐			4835497.29		A	2.0
7	☐			6019080.67		A	3.6
8	☐			4437013.30		A	0.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23881.67		P	1.7
2	☐			25693.61		P	1.2
3	☐			28561.09		P	1.5
4	☐			29485.15		P	0.9
5	☐			31007.15		P	0.4
6	☐			35131.86		P	0.7
7	☐			45250.51		P	0.5
8	☐			43141.92		P	0.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81125.92	0.3285	P	0.8
2	☐	500.000	557.166	401577.05	1.6090	P	1.3
3	☐	5000.000	5603.155	3197966.34	13.2062	A	0.1
4	☐	12500.000	13759.943	7688240.58	31.9530	A	1.0
5	☐	25000.000	27738.139	14901930.19	64.0791	A	1.6
6	☐	50000.000	55260.835	29207350.68	127.3345	A	1.3
7	☐	100000.00	108244.54	57102920.82	249.1070	A	0.5
8	☐	500000.00	497650.51	255946456.1	1,144.079	A	6.3

$$y = 0.0023 * x + 0.3285$$

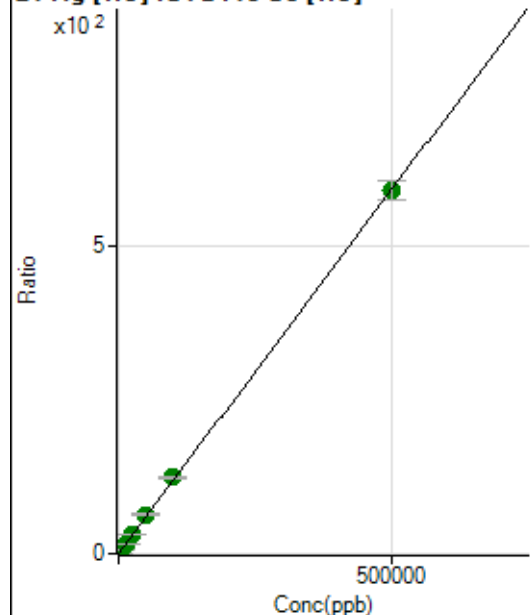
$$R = 0.9998$$

$$DL = 3.434$$

$$BEC = 142.9$$

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	3729.41	0.0151	P	4.9
2	☐	500.000	549.063	166006.37	0.6651	P	1.5
3	☐	5000.000	5544.530	1593213.12	6.5794	A	0.4
4	☐	12500.000	13560.311	3866293.20	16.0694	A	2.1
5	☐	25000.000	27330.423	7528289.05	32.3721	A	1.7
6	☐	50000.000	54065.720	14685884.78	64.0244	A	0.6
7	☐	100000.00	105020.89	28504834.30	124.3512	A	1.5
8	☐	500000.00	498440.72	132060931.3	590.1277	A	5.4

$$y = 0.0012 * x + 0.0151$$

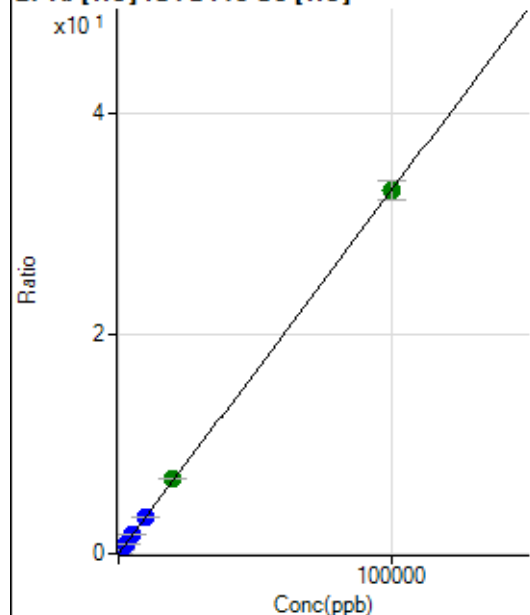
$$R = 0.9999$$

$$DL = 1.879$$

$$BEC = 12.75$$

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	136.67	0.0006	P	15.3
2	☐	20.000	20.242	1806.80	0.0072	P	3.6
3	☐	1000.000	1023.289	81985.98	0.3386	P	0.3
4	☐	2500.000	2527.332	200990.57	0.8354	P	1.1
5	☐	5000.000	5079.288	390306.97	1.6783	P	1.0
6	☐	10000.000	10027.869	759935.87	3.3129	P	0.5
7	☐	20000.000	20731.748	1569931.14	6.8486	A	0.6
8	☐	100000.00	99845.983	7381081.21	32.9814	A	5.3

$$y = 3.3032E-004 * x + 5.5341E-004$$

$$R = 1.0000$$

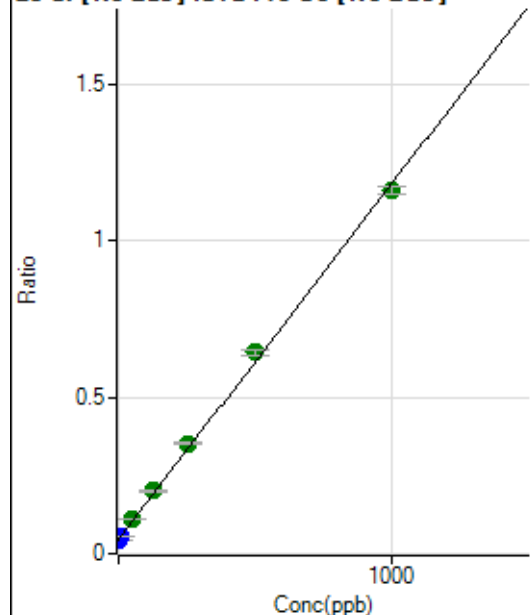
$$DL = 0.7677$$

$$BEC = 1.675$$

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	581635.19	0.0458	P	0.3
2	☐	10.000	6.945	676125.23	0.0537	P	1.1
3	☐	50.000	56.250	1389529.13	0.1096	A	2.5
4	☐	125.000	135.745	2478952.03	0.1998	A	2.6
5	☐	250.000	269.854	4276804.31	0.3520	A	0.9
6	☐	500.000	525.402	7667181.41	0.6419	A	2.2
7	☐	1000.000	980.710	13605179.66	1.1584	A	2.3
8	☐			698572.44	0.0647	P	0.9

$$y = 0.0011 * x + 0.0458$$

$$R = 0.9992$$

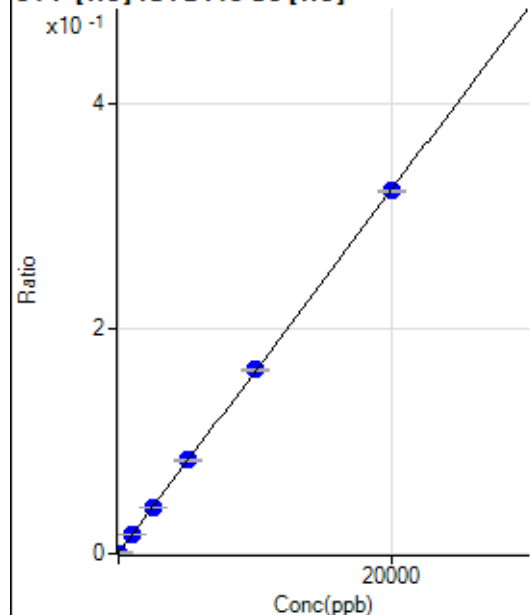
$$DL = 0.3336$$

$$BEC = 40.38$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.751	91.11	0.0004	P	12.0
2	☐	0.000	14.751	211.11	0.0008	P	8.2
3	☐	1000.000	997.951	4051.72	0.0167	P	2.0
4	☐	2500.000	2518.644	9936.81	0.0413	P	1.8
5	☐	5000.000	5104.200	19318.51	0.0831	P	1.7
6	☐	10000.000	10078.729	37490.57	0.1634	P	0.6
7	☐	20000.000	19932.357	73957.24	0.3226	P	0.3
8	☐			122.22	0.0005	P	10.0

$$y = 1.6156E-005 * x + 6.0728E-004$$

$$R = 1.0000$$

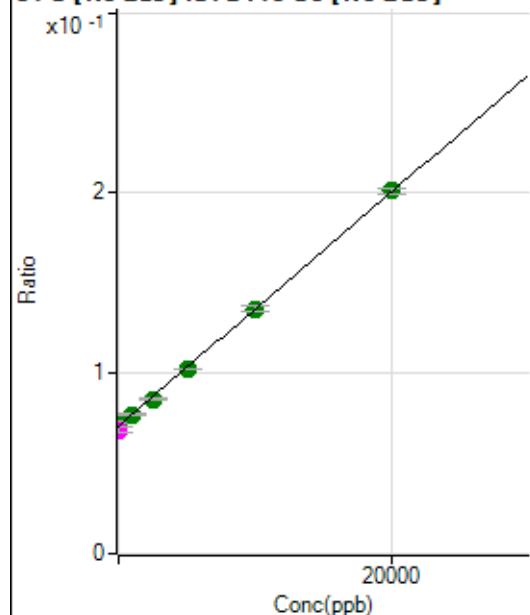
$$DL = 10.53$$

$$BEC = 37.59$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	356.274	929242.81	0.0732	A	0.5
2	☐	0.000	-356.274	863225.96	0.0686	M	5.6
3	☐	1000.000	963.531	977718.17	0.0771	A	0.6
4	☐	2500.000	2261.970	1061607.91	0.0856	A	1.7
5	☐	5000.000	4832.107	1242355.71	0.1022	A	0.5
6	☐	10000.000	9996.934	1621661.62	0.1358	A	2.0
7	☐	20000.000	20075.084	2362780.02	0.2012	A	1.6
8	☐			703914.89	0.0652	P	1.3

$$y = 6.4898\text{E-}006 * x + 0.0709$$

$$R = 0.9995$$

$$DL = 981.1$$

$$BEC = 1.092\text{E}+04$$

Weight: <None>

Min Conc: 0

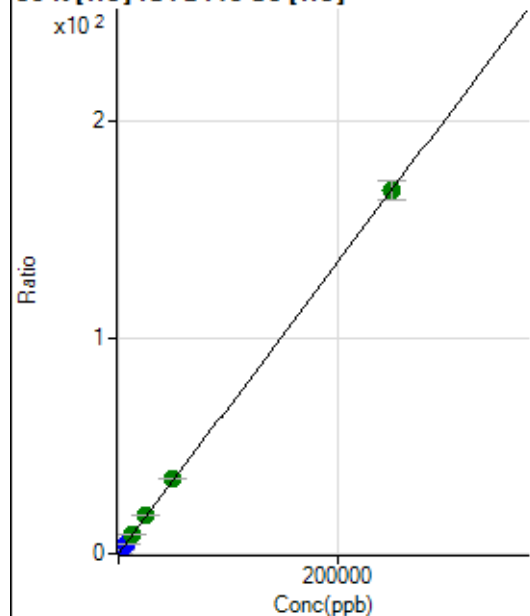
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			163546.50		P	0.2
2	☐			168656.51		P	0.2
3	☐			172504.28		P	0.7
4	☐			171254.25		P	0.4
5	☐			174436.10		P	0.7
6	☐			180996.72		P	0.9
7	☐			215587.75		P	1.9
8	☐			154100.38		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			684.47		P	4.5
2	☐			716.69		P	6.5
3	☐			740.03		P	8.2
4	☐			680.02		P	5.7
5	☐			764.47		P	4.6
6	☐			796.69		P	5.8
7	☐			980.04		P	9.2
8	☐			732.25		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16627.45	0.0673	P	0.3
2	☐	500.000	529.419	105733.54	0.4236	P	1.1
3	☐	2500.000	2531.589	428869.74	1.7712	P	1.3
4	☐	6250.000	6265.831	1030851.37	4.2845	P	1.1
5	☐	12500.000	13285.654	2095163.74	9.0091	A	0.8
6	☐	25000.000	26197.178	4059821.61	17.6991	A	0.7
7	☐	50000.000	51309.601	7931257.04	34.6008	A	0.8
8	☐	250000.00	249578.30	37607313.05	168.0436	A	5.2

$$y = 6.7304E-004 * x + 0.0673$$

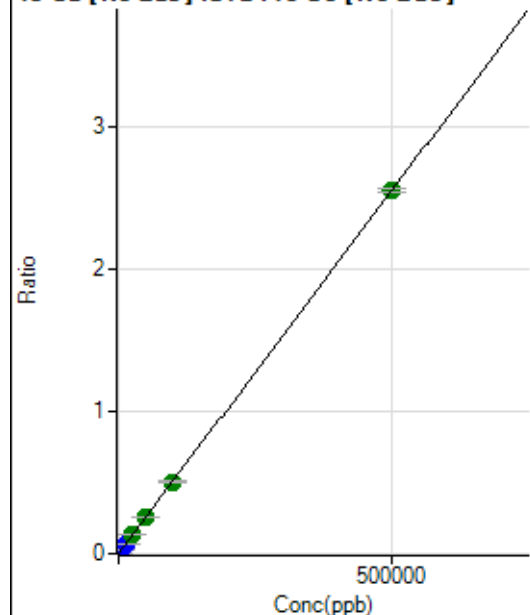
$$R = 1.0000$$

$$DL = 0.9673$$

$$BEC = 100$$

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	545.57	0.0000	P	0.8
2	☐	500.000	525.491	34210.63	0.0027	P	1.2
3	☐	5000.000	4831.499	312140.38	0.0246	P	1.7
4	☐	12500.000	12193.529	770170.45	0.0621	P	3.1
5	☐	25000.000	25425.390	1572500.81	0.1294	A	1.0
6	☐	50000.000	50756.877	3085378.67	0.2583	A	2.2
7	☐	100000.00	99175.000	5927796.72	0.5047	A	1.4
8	☐	500000.00	500077.36	27482322.37	2.5445	A	1.0

$$y = 5.0881\text{E-}006 * x + 4.2974\text{E-}005$$

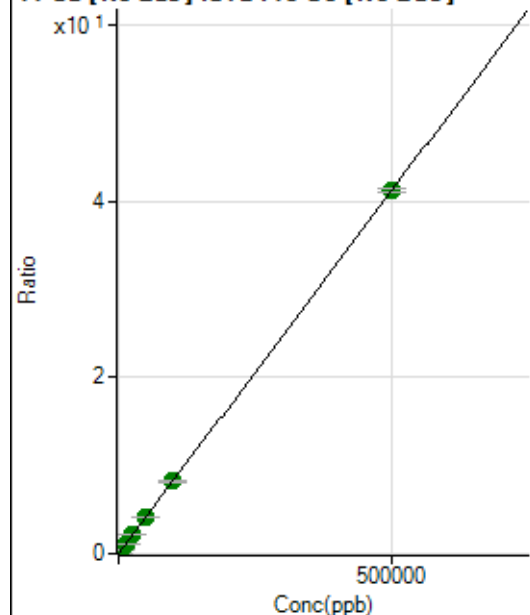
$$R = 1.0000$$

$$DL = 0.2086$$

$$BEC = 8.446$$

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	31410.99	0.0025	P	0.9
2	☐	500.000	526.880	577689.98	0.0459	P	1.4
3	☐	5000.000	5075.478	5331022.87	0.4206	A	0.8
4	☐	12500.000	12592.979	12900208.83	1.0398	A	2.8
5	☐	25000.000	25264.687	25319976.57	2.0837	A	0.3
6	☐	50000.000	50819.682	50040411.47	4.1888	A	1.2
7	☐	100000.00	99607.455	96395134.12	8.2077	A	2.6
8	☐	500000.00	499980.20	444867940.0	41.1889	A	1.2

$$y = 8.2376\text{E-}005 * x + 0.0025$$

$$R = 1.0000$$

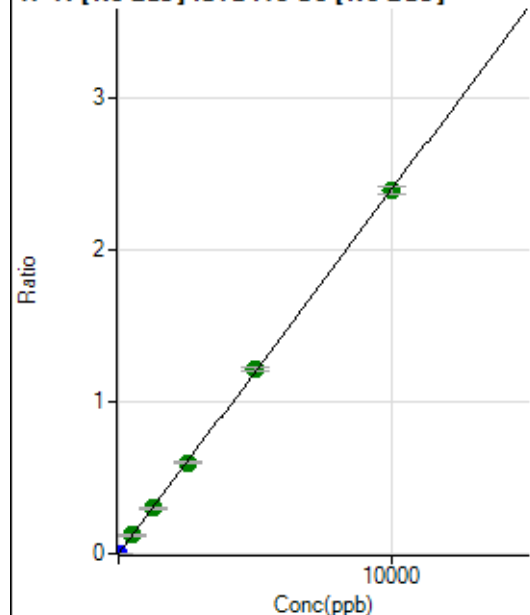
$$DL = 0.8345$$

$$BEC = 30.03$$

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	240.01	0.0000	P	8.3
2	☐	5.000	5.279	16165.85	0.0013	P	2.5
3	☐	500.000	503.248	1528831.82	0.1206	A	0.9
4	☐	1250.000	1254.359	3728965.08	0.3006	A	3.1
5	☐	2500.000	2506.610	7299005.17	0.6007	A	0.8
6	☐	5000.000	5063.927	14496191.17	1.2135	A	1.6
7	☐	10000.000	9965.677	28048561.52	2.3881	A	2.0
8	☐			3748.32	0.0003	P	2.6

$$y = 2.3963\text{E-}004 * x + 1.8901\text{E-}005$$

$$R = 1.0000$$

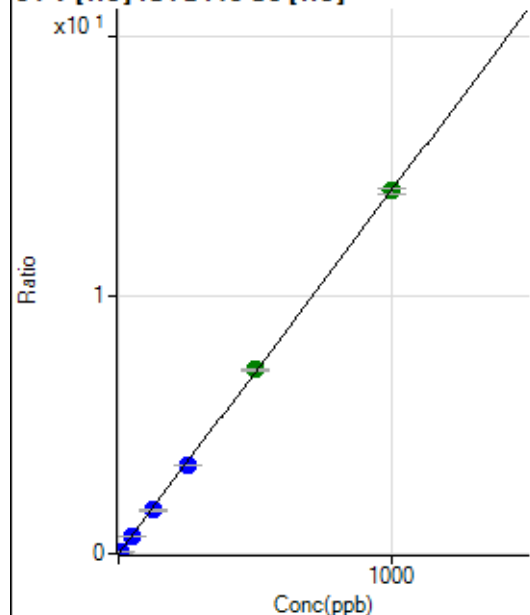
$$DL = 0.01956$$

$$BEC = 0.07887$$

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	26.67	0.0001	P	33.4
2	☐	5.000	5.218	18314.04	0.0734	P	1.1
3	☐	50.000	48.280	164193.92	0.6781	P	0.8
4	☐	125.000	119.300	403092.03	1.6754	P	1.1
5	☐	250.000	242.513	791990.92	3.4056	P	0.5
6	☐	500.000	507.352	1634267.94	7.1245	A	1.0
7	☐	1000.000	998.993	3215529.33	14.0283	A	1.5
8	☐			827.81	0.0037	P	6.0

$$y = 0.0140 * x + 1.0803\text{E-}004$$

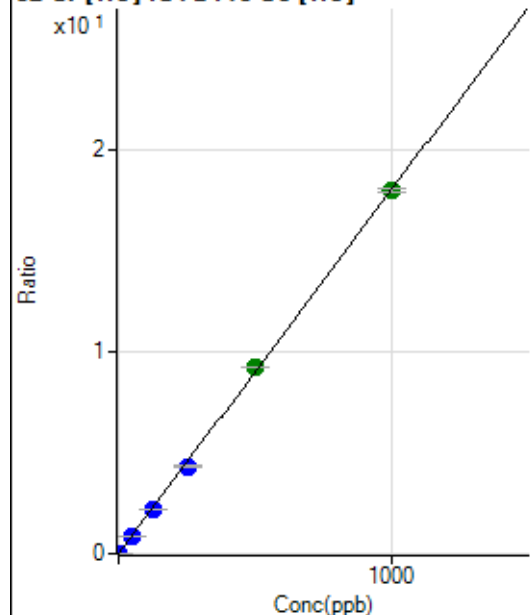
$$R = 0.9999$$

$$DL = 0.007699$$

$$BEC = 0.007693$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1382.31	0.0056	P	4.1
2	☐	2.000	2.090	10807.49	0.0433	P	2.7
3	☐	50.000	48.166	211779.66	0.8746	P	0.9
4	☐	125.000	119.497	520060.96	2.1615	P	1.4
5	☐	250.000	240.079	1008622.72	4.3370	P	0.6
6	☐	500.000	513.009	2124364.03	9.2612	A	0.3
7	☐	1000.000	996.755	4123418.80	17.9888	A	1.0
8	☐			12419.92	0.0555	P	4.4

$$y = 0.0180 * x + 0.0056$$

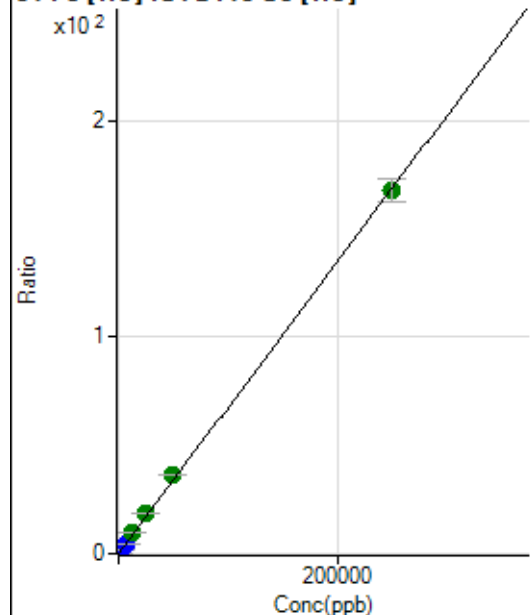
$$R = 0.9998$$

$$DL = 0.03861$$

$$BEC = 0.3102$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	656.69	0.0027	P	7.4
2	☐	50.000	58.210	10453.90	0.0419	P	0.6
3	☐	2500.000	2727.536	445699.99	1.8406	P	0.8
4	☐	6250.000	6645.820	1078139.33	4.4810	P	0.9
5	☐	12500.000	14276.125	2237847.08	9.6228	A	1.7
6	☐	25000.000	27824.870	4301598.41	18.7528	A	0.3
7	☐	50000.000	53901.125	8326535.71	36.3245	A	0.3
8	☐	250000.00	248836.30	37512828.33	167.6837	A	6.3

$$y = 6.7386E-004 * x + 0.0027$$

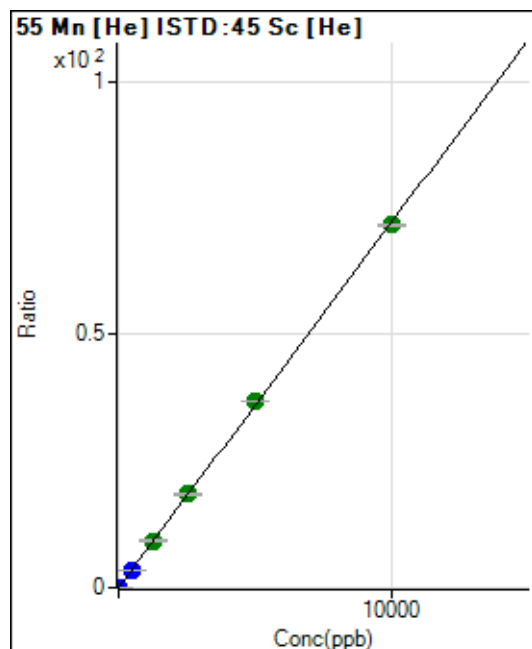
$$R = 0.9998$$

$$DL = 0.8728$$

$$BEC = 3.946$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0008	P	1.2
2	☐	1.000	0.968	1933.49	0.0077	P	5.9
3	☐	500.000	496.041	866607.30	3.5789	P	0.7
4	☐	1250.000	1287.106	2233997.22	9.2851	A	1.0
5	☐	2500.000	2564.199	4301675.49	18.4972	A	1.6
6	☐	5000.000	5095.874	8431845.22	36.7590	A	0.3
7	☐	10000.000	9931.573	16421625.17	71.6405	A	0.7
8	☐			7178.55	0.0321	P	5.3

$$y = 0.0072 * x + 7.6481E-004$$

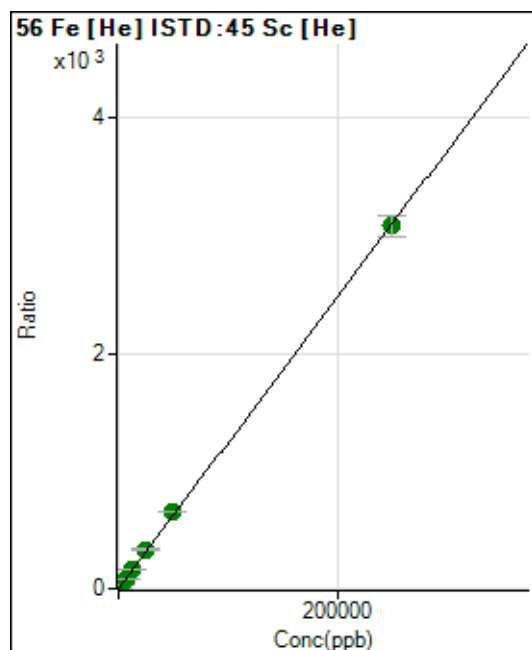
$$R = 0.9999$$

$$DL = 0.003683$$

$$BEC = 0.106$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9042.94	0.0366	P	1.0
2	☐	50.000	57.093	185448.64	0.7430	P	0.6
3	☐	2500.000	2773.401	8318096.40	34.3515	A	0.7
4	☐	6250.000	6804.074	20263924.98	84.2225	A	1.1
5	☐	12500.000	13697.900	39423231.63	169.5189	A	0.7
6	☐	25000.000	27055.576	76794491.08	334.7917	A	0.6
7	☐	50000.000	52764.378	149658404.4	652.8833	A	0.5
8	☐	250000.00	249165.08	689875331.9	3,082.923	A	5.6

$$y = 0.0124 * x + 0.0366$$

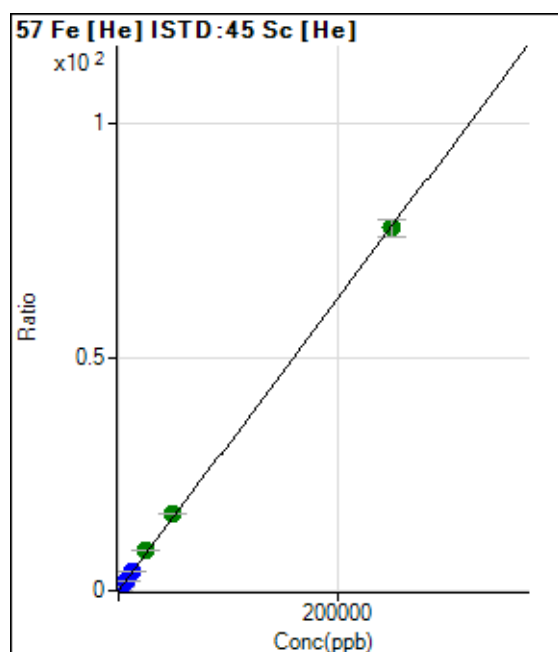
$$R = 0.9999$$

$$DL = 0.08821$$

$$BEC = 2.959$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.34	0.0008	P	8.2
2	☐	50.000	56.463	4599.67	0.0184	P	2.5
3	☐	2500.000	2661.307	201134.51	0.8306	P	1.2
4	☐	6250.000	6525.234	489739.90	2.0355	P	0.9
5	☐	12500.000	13057.210	947026.85	4.0722	P	0.5
6	☐	25000.000	27670.261	1979324.66	8.6287	A	0.8
7	☐	50000.000	52824.502	3775861.99	16.4721	A	0.2
8	☐	250000.00	249131.71	17386779.32	77.6830	A	5.0

$$y = 3.1181\text{E-}004 * x + 8.2329\text{E-}004$$

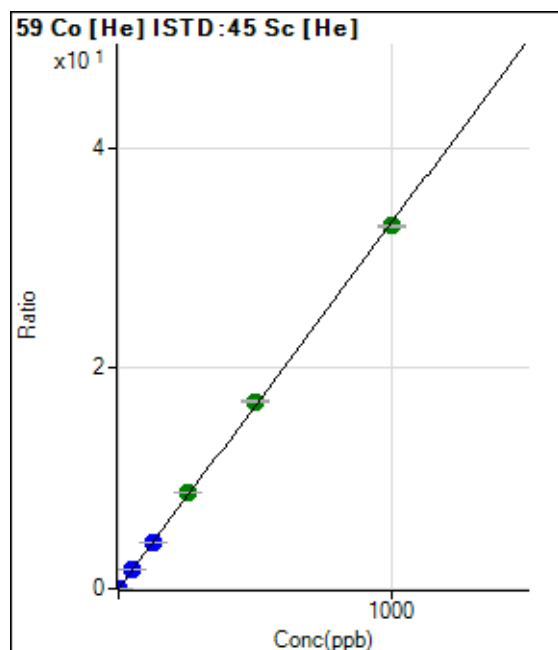
$$R = 0.9999$$

$$DL = 0.6477$$

$$BEC = 2.64$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.67	0.0008	P	15.9
2	☐	1.000	1.106	9347.58	0.0374	P	0.5
3	☐	50.000	50.426	405151.64	1.6731	P	0.6
4	☐	125.000	124.174	991036.65	4.1190	P	1.1
5	☐	250.000	260.996	2013219.28	8.6568	A	0.5
6	☐	500.000	511.267	3889738.73	16.9570	A	0.9
7	☐	1000.000	991.699	7539581.28	32.8907	A	0.3
8	☐			15030.27	0.0671	P	4.5

$$y = 0.0332 * x + 7.5586\text{E-}004$$

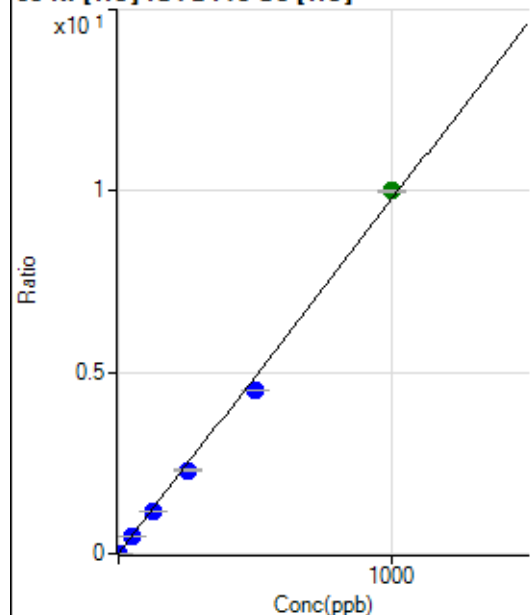
$$R = 0.9998$$

$$DL = 0.01088$$

$$BEC = 0.02279$$

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	2403.56	0.0097	P	2.6
2	☐	1.000	1.004	4873.11	0.0195	P	1.5
3	☐	50.000	47.803	115245.15	0.4759	P	1.1
4	☐	125.000	118.149	279580.20	1.1620	P	0.9
5	☐	250.000	235.232	535782.32	2.3039	P	0.8
6	☐	500.000	460.311	1031999.04	4.4990	P	0.2
7	☐	1000.000	1024.503	2292540.11	10.0014	A	0.7
8	☐			8562.66	0.0383	P	7.2

$$y = 0.0098 * x + 0.0097$$

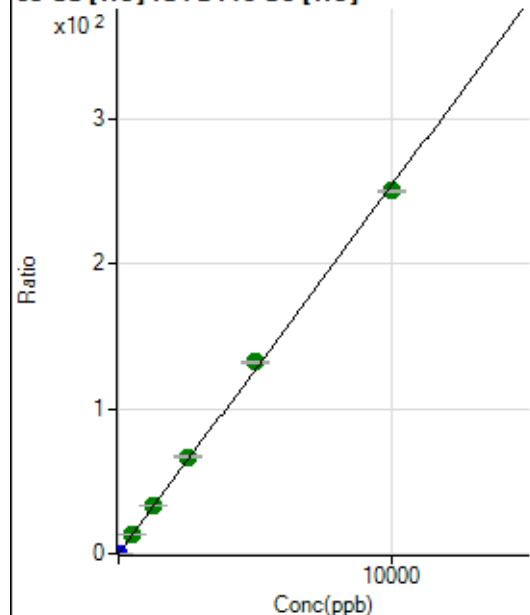
$$R = 0.9987$$

$$DL = 0.07884$$

$$BEC = 0.9979$$

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	4185.10	0.0169	P	5.7
2	☐	2.000	2.167	17979.25	0.0720	P	0.7
3	☐	500.000	536.705	3307868.63	13.6608	A	0.8
4	☐	1250.000	1312.136	8029564.46	33.3734	A	1.3
5	☐	2500.000	2629.423	15548964.63	66.8607	A	1.6
6	☐	5000.000	5200.639	30329623.44	132.2248	A	0.6
7	☐	10000.000	9857.723	57449420.26	250.6147	A	0.6
8	☐			13339.71	0.0596	P	4.5

$$y = 0.0254 * x + 0.0169$$

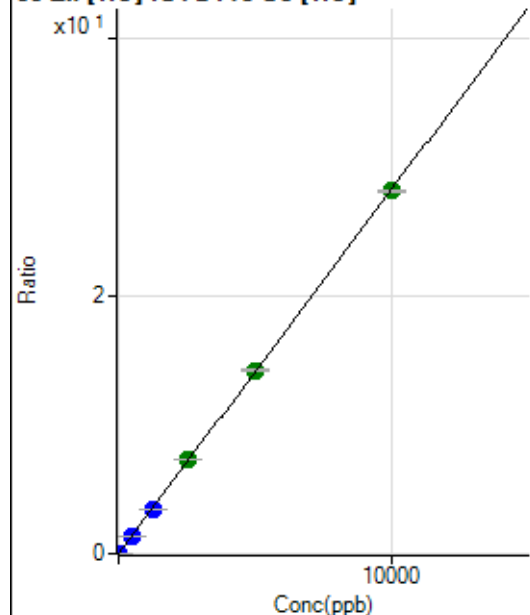
$$R = 0.9996$$

$$DL = 0.1131$$

$$BEC = 0.6666$$

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	310.01	0.0013	P	7.9
2	☐	2.000	5.178	3969.49	0.0159	P	2.4
3	☐	500.000	492.901	337941.12	1.3957	P	1.8
4	☐	1250.000	1216.603	828421.40	3.4431	P	0.8
5	☐	2500.000	2581.927	1699014.94	7.3057	A	0.9
6	☐	5000.000	5042.585	3272658.95	14.2671	A	0.4
7	☐	10000.000	9962.754	6461230.95	28.1866	A	0.4
8	☐			3279.31	0.0146	P	4.3

$$y = 0.0028 * x + 0.0013$$

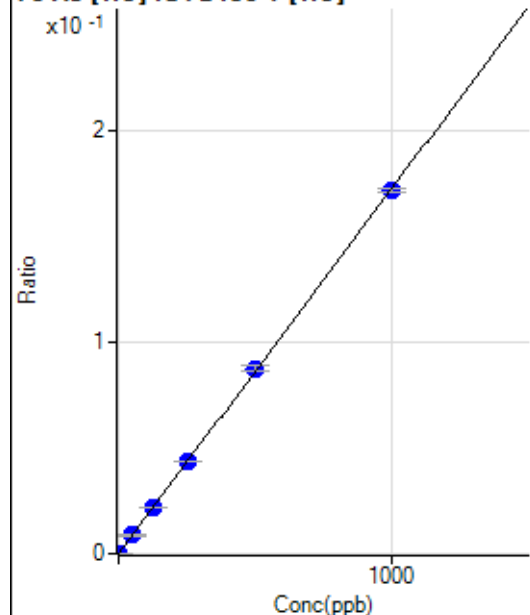
$$R = 0.9999$$

$$DL = 0.105$$

$$BEC = 0.4436$$

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	10.00	0.0000	P	57.6
2	☐	1.000	1.162	460.01	0.0002	P	14.5
3	☐	50.000	50.464	19212.08	0.0087	P	2.6
4	☐	125.000	126.372	47038.18	0.0218	P	0.5
5	☐	250.000	252.976	92757.84	0.0436	P	1.1
6	☐	500.000	508.327	182248.79	0.0875	P	2.8
7	☐	1000.000	994.898	353994.60	0.1713	P	1.0
8	☐			168.89	0.0001	P	7.9

$$y = 1.7214E-004 * x + 4.4035E-006$$

$$R = 0.9999$$

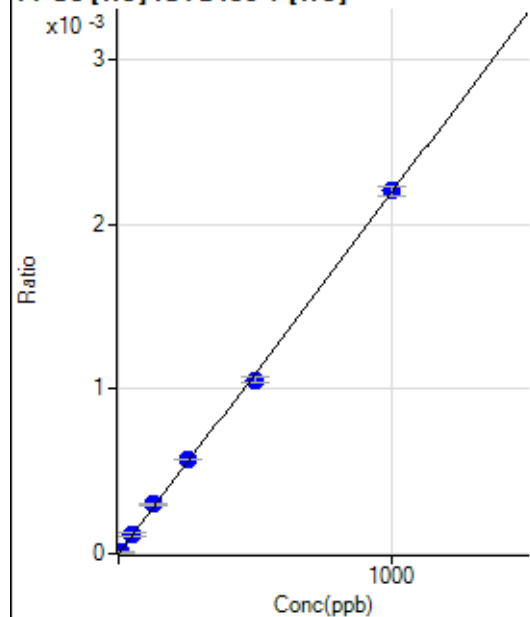
$$DL = 0.04421$$

$$BEC = 0.02558$$

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	1.11	0.0000	P	173.
2	☐	5.000	3.137	16.67	0.0000	P	71.4
3	☐	50.000	51.666	251.12	0.0001	P	24.6
4	☐	125.000	135.719	644.47	0.0003	P	6.7
5	☐	250.000	260.773	1218.95	0.0006	P	1.4
6	☐	500.000	481.705	2202.42	0.0011	P	2.4
7	☐	1000.000	1005.041	4556.34	0.0022	P	2.7
8	☐			2.22	0.0000	P	86.7

$$y = 2.1929\text{E-}006 * x + 4.8929\text{E-}007$$

$$R = 0.9996$$

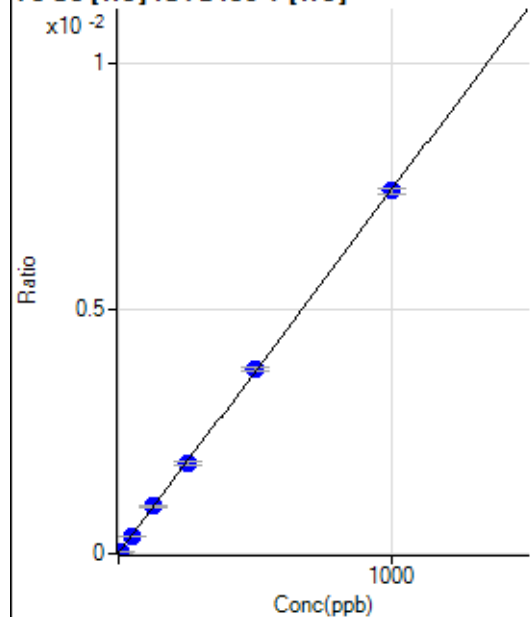
$$DL = 1.159$$

$$BEC = 0.2231$$

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	18.89	0.0000	P	54.2
2	☐	5.000	5.192	105.56	0.0000	P	14.1
3	☐	50.000	47.366	795.59	0.0004	P	7.1
4	☐	125.000	129.633	2097.96	0.0010	P	2.2
5	☐	250.000	248.498	3945.04	0.0019	P	3.2
6	☐	500.000	505.860	7838.92	0.0038	P	2.4
7	☐	1000.000	996.997	15311.74	0.0074	P	1.9
8	☐			15.56	0.0000	P	30.6

$$y = 7.4219\text{E-}006 * x + 8.3394\text{E-}006$$

$$R = 1.0000$$

$$DL = 1.828$$

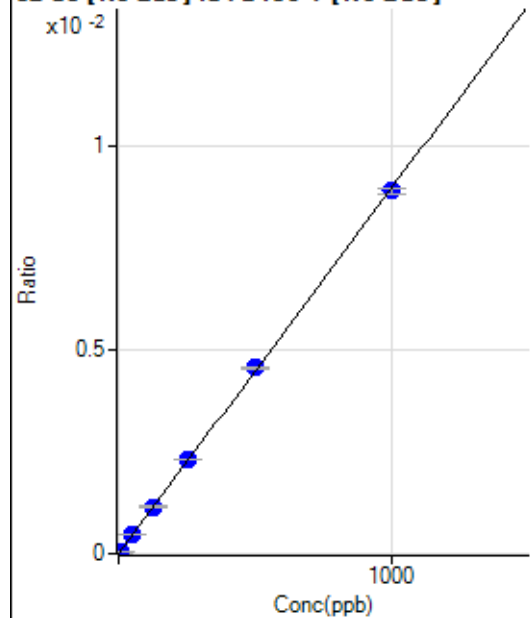
$$BEC = 1.124$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5134.33		P	1.6
2	☐			4895.34		P	1.2
3	☐			4625.25		P	1.6
4	☐			4729.74		P	2.9
5	☐			4726.40		P	2.0
6	☐			4521.88		P	4.8
7	☐			4707.50		P	1.8
8	☐			4997.61		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.56	0.0000	P	63.0
2	☐	5.000	5.192	1534.58	0.0000	P	5.9
3	☐	50.000	50.921	14576.90	0.0005	P	1.5
4	☐	125.000	128.491	36601.79	0.0012	P	2.1
5	☐	250.000	259.231	71676.67	0.0023	P	0.9
6	☐	500.000	508.724	138286.91	0.0046	P	0.7
7	☐	1000.000	992.847	269895.33	0.0089	P	1.7
8	☐			25.56	0.0000	P	150.

$$y = 8.9639E-006 * x + 1.1180E-006$$

$$R = 0.9999$$

$$DL = 0.2357$$

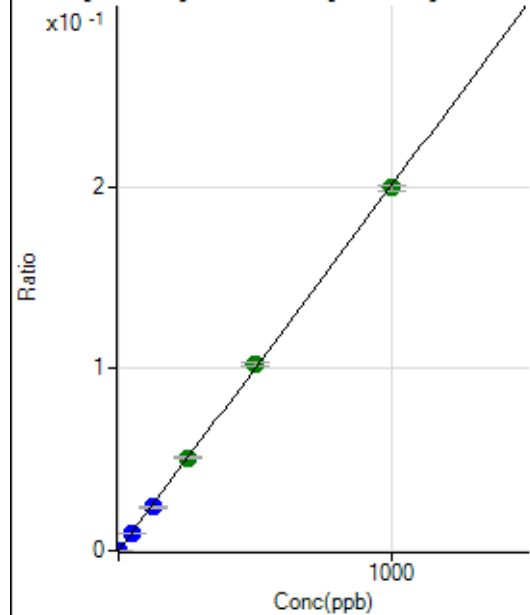
$$BEC = 0.1247$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			343.34		P	7.6
2	☐			354.45		P	21.7
3	☐			316.68		P	1.8
4	☐			310.01		P	12.4
5	☐			306.68		P	15.1
6	☐			311.12		P	9.2
7	☐			324.45		P	11.5
8	☐			333.34		P	8.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	617.80	0.0000	P	9.9
2	☐	1.000	1.003	7111.87	0.0002	P	2.8
3	☐	50.000	47.756	306092.27	0.0096	P	1.1
4	☐	125.000	118.770	757485.83	0.0239	P	3.7
5	☐	250.000	255.224	1580539.65	0.0513	A	0.2
6	☐	500.000	512.549	3120599.50	0.1029	A	2.0
7	☐	1000.000	993.310	6047984.91	0.1995	A	1.9
8	☐			17960.49	0.0006	P	1.2

$$y = 2.0078E-004 * x + 1.9410E-005$$

$$R = 0.9998$$

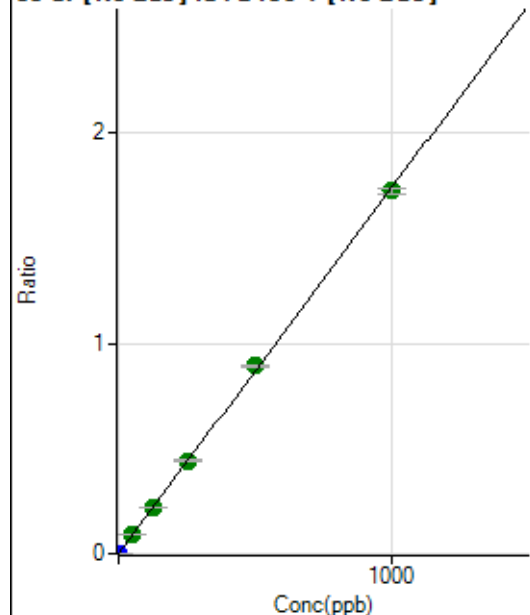
$$DL = 0.0286$$

$$BEC = 0.09667$$

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	693.36	0.0000	P	7.9
2	☐	1.000	1.029	58321.10	0.0018	P	1.1
3	☐	50.000	50.894	2821395.51	0.0886	A	0.6
4	☐	125.000	125.272	6918794.62	0.2179	A	2.4
5	☐	250.000	254.561	13653252.02	0.4429	A	1.3
6	☐	500.000	512.982	27056461.82	0.8924	A	1.4
7	☐	1000.000	992.290	52345050.33	1.7262	A	1.4
8	☐			153235.91	0.0055	P	0.9

$$y = 0.0017 * x + 2.1769E-005$$

$$R = 0.9999$$

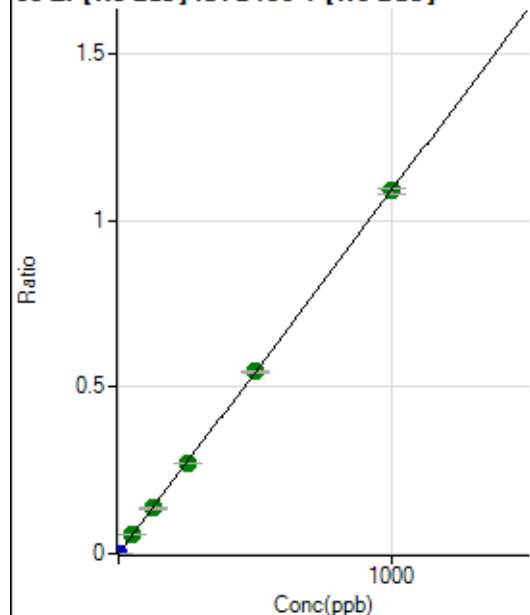
$$DL = 0.002959$$

$$BEC = 0.01251$$

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	1051.16	0.0000	P	3.5
2	☐	1.000	0.993	35940.70	0.0011	P	1.9
3	☐	50.000	50.895	1769848.76	0.0556	A	1.7
4	☐	125.000	125.438	4345066.01	0.1369	A	2.8
5	☐	250.000	250.313	8420258.35	0.2731	A	0.5
6	☐	500.000	501.588	16590985.59	0.5472	A	1.3
7	☐	1000.000	999.029	33048523.67	1.0899	A	1.7
8	☐			51051.90	0.0018	P	0.8

$$y = 0.0011 * x + 3.3017E-005$$

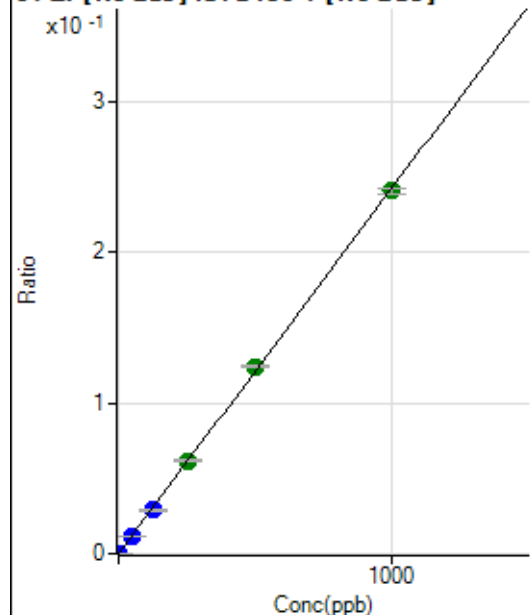
$$R = 1.0000$$

$$DL = 0.003183$$

$$BEC = 0.03026$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.12	0.0000	P	15.7
2	☐	1.000	0.986	7914.55	0.0002	P	4.4
3	☐	50.000	47.697	368664.66	0.0116	P	1.2
4	☐	125.000	119.399	919119.83	0.0290	P	3.7
5	☐	250.000	255.272	1908466.88	0.0619	A	1.5
6	☐	500.000	511.359	3759400.22	0.1240	A	1.0
7	☐	1000.000	993.818	7307468.29	0.2410	A	1.5
8	☐			11304.69	0.0004	P	1.2

$$y = 2.4248\text{E-}004 * x + 6.6373\text{E-}006$$

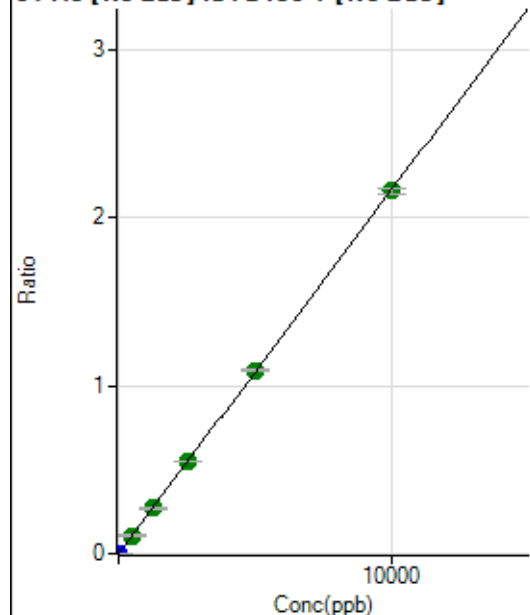
$$R = 0.9999$$

$$DL = 0.01286$$

$$BEC = 0.02737$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	521.13	0.0000	P	9.6
2	☐	5.000	5.984	42244.01	0.0013	P	1.7
3	☐	500.000	501.231	3457276.06	0.1085	A	1.0
4	☐	1250.000	1244.559	8551861.12	0.2694	A	3.5
5	☐	2500.000	2526.695	16864385.17	0.5470	A	0.2
6	☐	5000.000	5038.667	33069365.62	1.0908	A	1.2
7	☐	10000.000	9974.611	65474094.58	2.1593	A	1.9
8	☐			44589.12	0.0016	P	2.0

$$y = 2.1648\text{E-}004 * x + 1.6364\text{E-}005$$

$$R = 1.0000$$

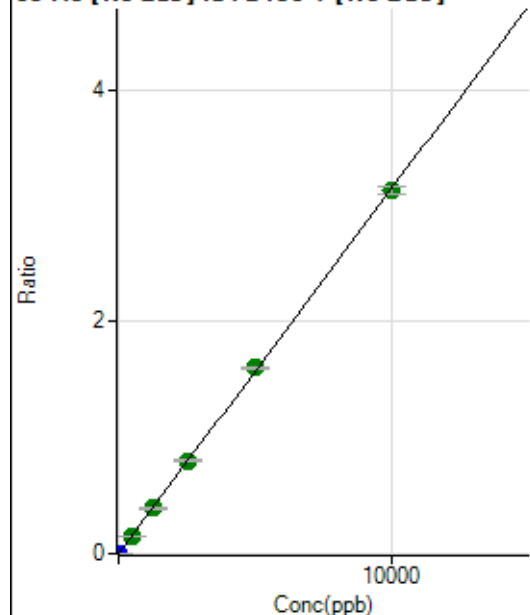
$$DL = 0.02187$$

$$BEC = 0.07559$$

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	226.67	0.0000	P	13.8
2	☐	5.000	5.079	51644.39	0.0016	P	1.7
3	☐	500.000	498.552	4993610.48	0.1567	A	0.4
4	☐	1250.000	1244.364	12415699.68	0.3912	A	4.0
5	☐	2500.000	2548.460	24700460.74	0.8012	A	0.9
6	☐	5000.000	5095.868	48568249.28	1.6020	A	1.4
7	☐	10000.000	9940.728	94756194.14	3.1251	A	2.2
8	☐			46979.29	0.0017	P	1.2

$$y = 3.1438\text{E-}004 * x + 7.1256\text{E-}006$$

$$R = 0.9999$$

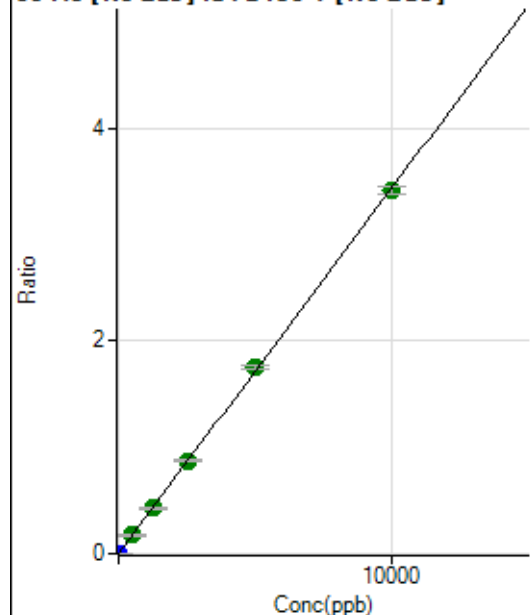
$$DL = 0.009408$$

$$BEC = 0.02267$$

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	287.78	0.0000	P	9.5
2	☐	5.000	5.142	57160.28	0.0018	P	1.8
3	☐	500.000	501.412	5486785.16	0.1722	A	1.1
4	☐	1250.000	1246.068	13583944.24	0.4280	A	3.7
5	☐	2500.000	2542.366	26921853.77	0.8732	A	1.0
6	☐	5000.000	5113.552	53247095.87	1.7563	A	1.3
7	☐	10000.000	9933.053	103446656.2	3.4117	A	2.1
8	☐			53842.72	0.0019	P	0.6

$$y = 3.4347\text{E-}004 * x + 9.0322\text{E-}006$$

$$R = 0.9999$$

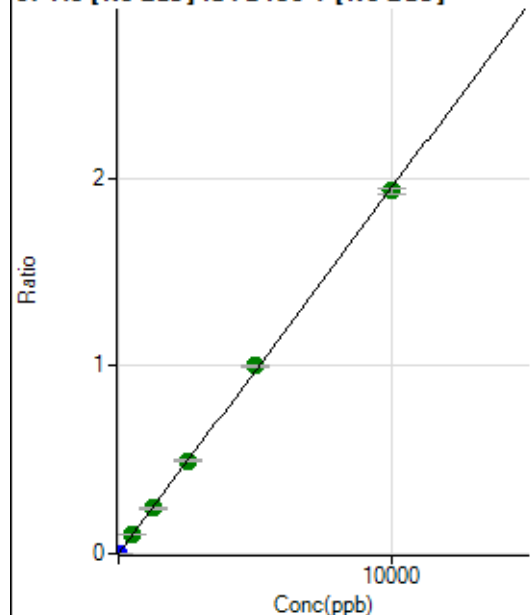
$$DL = 0.007504$$

$$BEC = 0.0263$$

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	142.23	0.0000	P	5.0
2	☐	5.000	5.068	31918.89	0.0010	P	0.6
3	☐	500.000	504.480	3129233.50	0.0982	A	0.5
4	☐	1250.000	1244.338	7689383.98	0.2423	A	3.5
5	☐	2500.000	2545.336	15279013.38	0.4956	A	2.1
6	☐	5000.000	5139.277	30334118.44	1.0006	A	1.4
7	☐	10000.000	9919.511	58558093.01	1.9312	A	1.9
8	☐			28424.72	0.0010	P	1.3

$$y = 1.9469\text{E-}004 * x + 4.4659\text{E-}006$$

$$R = 0.9998$$

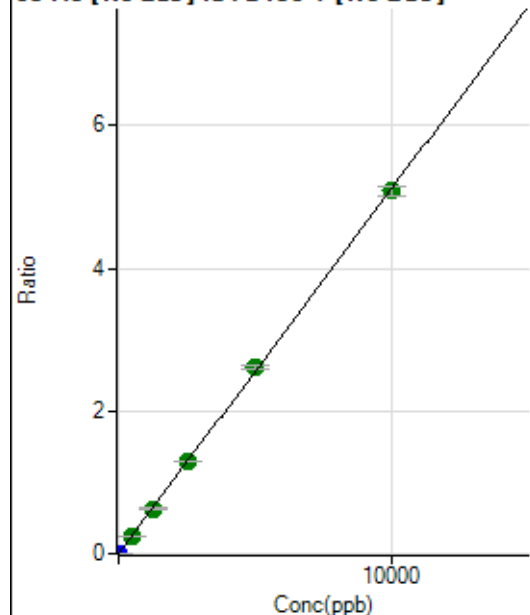
$$DL = 0.003435$$

$$BEC = 0.02294$$

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	328.90	0.0000	P	10.3
2	☐	5.000	4.977	82307.84	0.0026	P	1.3
3	☐	500.000	494.625	8059791.83	0.2530	A	0.6
4	☐	1250.000	1237.594	20095480.95	0.6330	A	2.0
5	☐	2500.000	2533.593	39952393.57	1.2958	A	0.9
6	☐	5000.000	5095.512	79008573.82	2.6061	A	2.0
7	☐	10000.000	9945.665	154231716.5	5.0867	A	2.4
8	☐			74544.20	0.0027	P	0.7

$$y = 5.1145\text{E-}004 * x + 1.0321\text{E-}005$$

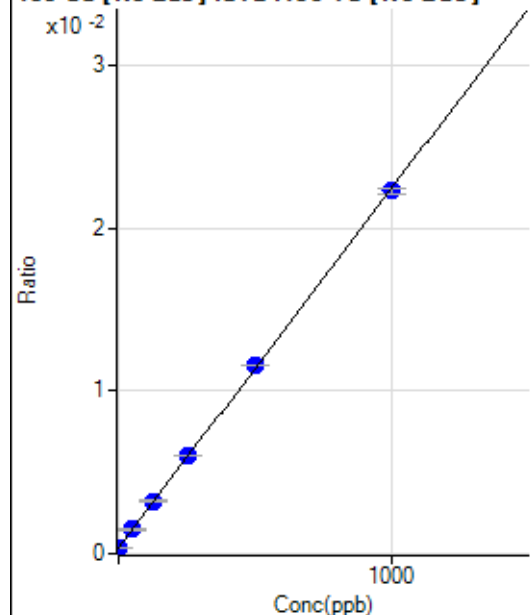
$$R = 0.9999$$

$$DL = 0.006233$$

$$BEC = 0.02018$$

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	8590.53	0.0004	P	2.0
2	☐	1.000	1.208	9164.23	0.0004	P	1.5
3	☐	50.000	50.803	35872.07	0.0015	P	1.9
4	☐	125.000	130.009	77185.49	0.0032	P	3.7
5	☐	250.000	256.189	141787.29	0.0060	P	1.1
6	☐	500.000	508.801	269806.67	0.0116	P	0.5
7	☐	1000.000	993.386	517508.93	0.0223	P	1.7
8	☐			7828.95	0.0004	P	3.5

$$y = 2.2049E-005 * x + 3.6115E-004$$

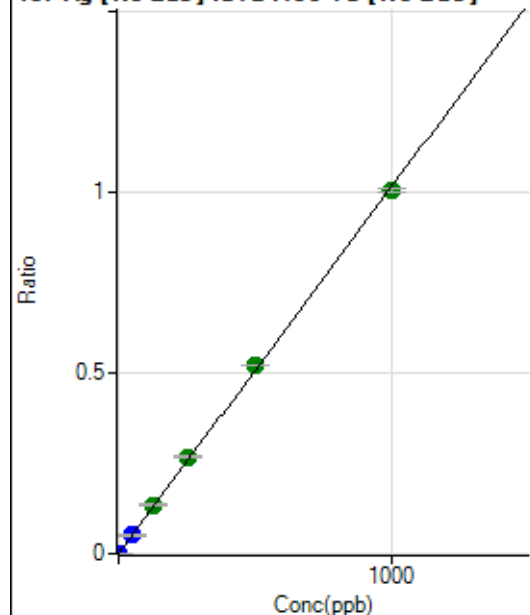
$$R = 0.9999$$

$$DL = 0.9587$$

$$BEC = 16.38$$

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	264.45	0.0000	P	4.0
2	☐	1.000	1.056	25610.52	0.0011	P	1.4
3	☐	50.000	49.985	1229835.30	0.0508	P	1.2
4	☐	125.000	133.197	3236533.32	0.1353	A	1.9
5	☐	250.000	262.457	6289909.42	0.2666	A	1.8
6	☐	500.000	513.749	12159200.10	0.5219	A	0.6
7	☐	1000.000	988.987	23352154.10	1.0046	A	1.0
8	☐			5435.41	0.0003	P	39.5

$$y = 0.0010 * x + 1.1116E-005$$

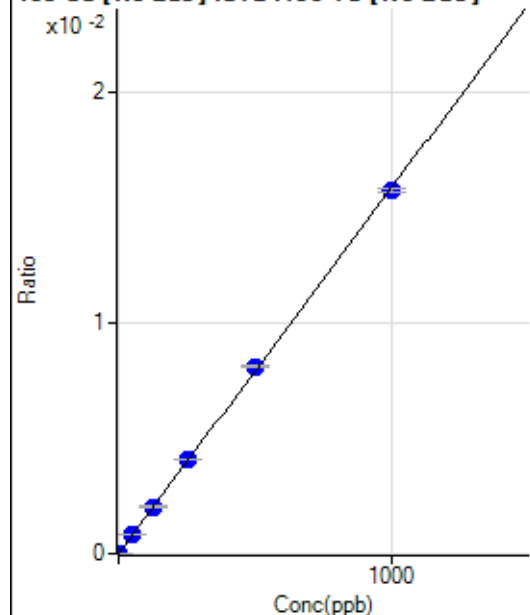
$$R = 0.9997$$

$$DL = 0.00131$$

$$BEC = 0.01094$$

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	33.33	0.0000	P	20.4
2	☐	1.000	1.103	445.57	0.0000	P	4.2
3	☐	50.000	51.559	19789.85	0.0008	P	0.5
4	☐	125.000	128.603	48696.75	0.0020	P	2.9
5	☐	250.000	258.549	96547.18	0.0041	P	0.6
6	☐	500.000	511.206	188489.44	0.0081	P	0.8
7	☐	1000.000	991.731	364786.97	0.0157	P	0.9
8	☐			222.23	0.0000	P	4.1

$$y = 1.5822\text{E-}005 * x + 1.4021\text{E-}006$$

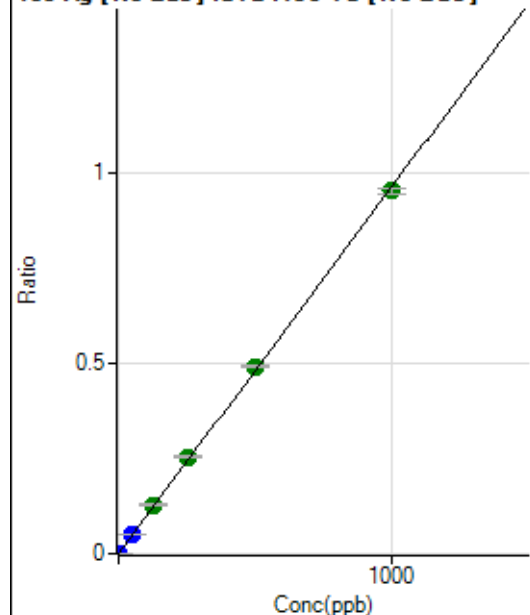
$$R = 0.9999$$

$$DL = 0.05423$$

$$BEC = 0.08862$$

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	122.23	0.0000	P	27.1
2	☐	1.000	1.045	23925.24	0.0010	P	0.6
3	☐	50.000	50.665	1182452.36	0.0488	P	1.8
4	☐	125.000	132.476	3053208.95	0.1277	A	2.9
5	☐	250.000	263.632	5993686.72	0.2540	A	1.1
6	☐	500.000	511.266	11479770.94	0.4927	A	0.4
7	☐	1000.000	989.991	22176408.83	0.9540	A	1.5
8	☐			3875.03	0.0002	P	8.0

$$y = 9.6362\text{E-}004 * x + 5.1347\text{E-}006$$

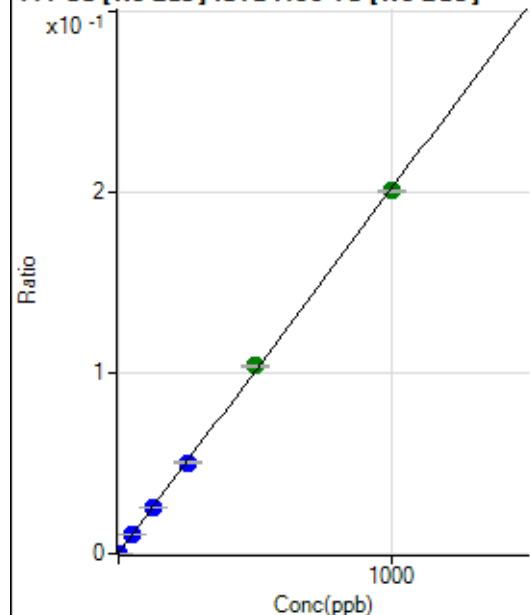
$$R = 0.9998$$

$$DL = 0.004327$$

$$BEC = 0.005329$$

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	6016.70	0.0003	P	1.9
2	☐	1.000	1.157	11489.72	0.0005	P	1.5
3	☐	50.000	49.703	248765.64	0.0103	P	1.4
4	☐	125.000	124.586	606691.87	0.0254	P	2.9
5	☐	250.000	248.095	1185932.43	0.0503	P	1.1
6	☐	500.000	514.375	2421817.56	0.1039	A	0.9
7	☐	1000.000	993.355	4660769.01	0.2005	A	0.7
8	☐			6043.63	0.0003	P	3.2

$$y = 2.0159\text{E-}004 * x + 2.5295\text{E-}004$$

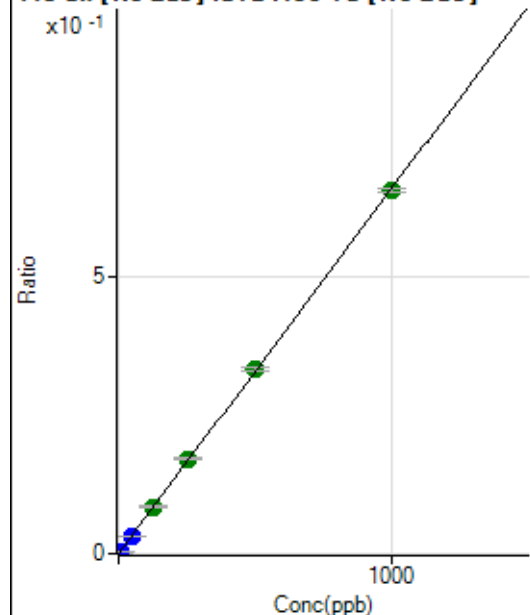
R = 0.9998

DL = 0.0708

BEC = 1.255

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	1824.59	0.0001	P	3.8
2	☐	5.000	5.371	85462.18	0.0036	P	0.3
3	☐	50.000	49.042	784468.88	0.0324	P	0.8
4	☐	125.000	128.341	2024572.26	0.0846	A	2.5
5	☐	250.000	259.557	4037428.38	0.1711	A	1.2
6	☐	500.000	505.921	7768801.76	0.3335	A	1.6
7	☐	1000.000	994.279	15232252.55	0.6553	A	1.1
8	☐			4300.73	0.0002	P	0.8

$$y = 6.5896\text{E-}004 * x + 7.6711\text{E-}005$$

R = 0.9999

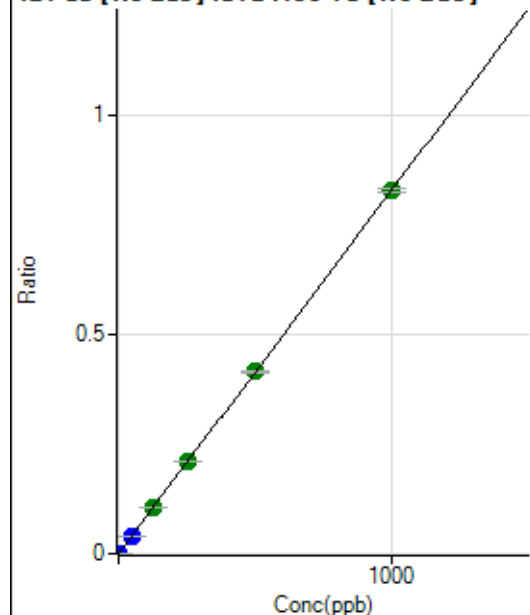
DL = 0.01333

BEC = 0.1164

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	9.9
2	☐	2.000	2.141	42032.17	0.0018	P	1.2
3	☐	50.000	47.984	963431.07	0.0398	P	0.7
4	☐	125.000	127.337	2524914.30	0.1056	A	2.7
5	☐	250.000	253.555	4959591.14	0.2102	A	0.3
6	☐	500.000	500.335	9664445.06	0.4148	A	1.3
7	☐	1000.000	998.752	19248266.52	0.8280	A	1.0
8	☐			19034.47	0.0009	P	0.9

$$y = 8.2903\text{E-}004 * x + 3.4087\text{E-}006$$

$$R = 1.0000$$

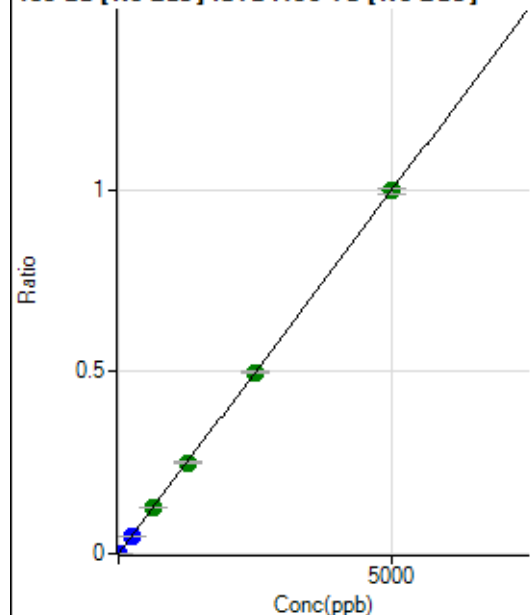
$$DL = 0.001217$$

$$BEC = 0.004112$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0000	P	5.4
2	☐	10.000	10.356	48955.88	0.0021	P	0.7
3	☐	250.000	238.692	1153560.84	0.0476	P	0.9
4	☐	625.000	636.565	3038099.09	0.1270	A	2.8
5	☐	1250.000	1257.508	5920240.33	0.2509	A	1.0
6	☐	2500.000	2501.507	11631136.08	0.4992	A	1.4
7	☐	5000.000	4996.489	23175117.99	0.9970	A	1.7
8	☐			8035.80	0.0004	P	3.1

$$y = 1.9954\text{E-}004 * x + 4.9972\text{E-}006$$

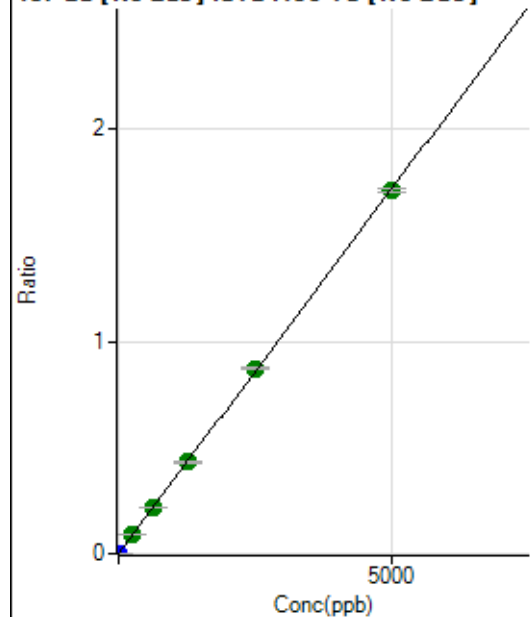
$$R = 1.0000$$

$$DL = 0.00402$$

$$BEC = 0.02504$$

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	190.00	0.0000	P	12.8
2	☐	10.000	10.507	85562.49	0.0036	P	0.6
3	☐	250.000	253.050	2107165.26	0.0870	A	0.6
4	☐	625.000	633.078	5206141.59	0.2177	A	2.5
5	☐	1250.000	1259.263	10214732.91	0.4330	A	1.1
6	☐	2500.000	2542.622	20367278.31	0.8742	A	1.8
7	☐	5000.000	4975.210	39762104.13	1.7105	A	1.1
8	☐			13665.90	0.0006	P	1.3

$$y = 3.4381E-004 * x + 7.9843E-006$$

$$R = 0.9999$$

$$DL = 0.008893$$

$$BEC = 0.02322$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	101.
2	☐			20.00		P	28.9
3	☐			85.56		P	2.3
4	☐			210.00		P	4.2
5	☐			343.34		P	14.4
6	☐			684.47		P	7.3
7	☐			1305.63		P	2.3
8	☐			378.90		P	7.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	100.
3	☐			2.22		P	173.
4	☐			6.67		P	173.
5	☐			17.78		P	47.2
6	☐			32.22		P	31.6
7	☐			53.33		P	27.2
8	☐			80.00		P	27.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	12.1
2	☐			34.44		P	34.0
3	☐			41.11		P	12.4
4	☐			86.66		P	17.6
5	☐			112.22		P	23.1
6	☐			213.34		P	9.8
7	☐			406.68		P	5.9
8	☐			706.70		P	8.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			3.33		P	100.
3	☐			10.00		P	66.7
4	☐			12.22		P	83.3
5	☐			22.22		P	8.7
6	☐			37.78		P	66.8
7	☐			64.44		P	7.9
8	☐			194.45		P	13.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	16.4
2	☐			124.45		P	16.4
3	☐			137.78		P	3.7
4	☐			147.78		P	11.1
5	☐			167.78		P	18.0
6	☐			224.45		P	11.9
7	☐			271.12		P	5.1
8	☐			755.59		P	5.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	44.1
2	☐			37.78		P	13.5
3	☐			25.56		P	71.8
4	☐			30.00		P	38.5
5	☐			45.56		P	18.4
6	☐			45.55		P	23.5
7	☐			56.67		P	31.1
8	☐			245.56		P	5.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132.22		P	10.2
2	☐			120.00		P	5.6
3	☐			138.89		P	3.7
4	☐			140.00		P	10.4
5	☐			170.00		P	13.6
6	☐			222.23		P	29.3
7	☐			321.12		P	9.4
8	☐			801.14		P	4.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	41.7
2	☐			34.44		P	24.3
3	☐			46.67		P	25.8
4	☐			44.44		P	11.5
5	☐			51.11		P	16.4
6	☐			65.56		P	15.5
7	☐			95.56		P	23.2
8	☐			267.78		P	14.3

172 Yb [No Gas] No available calibration points

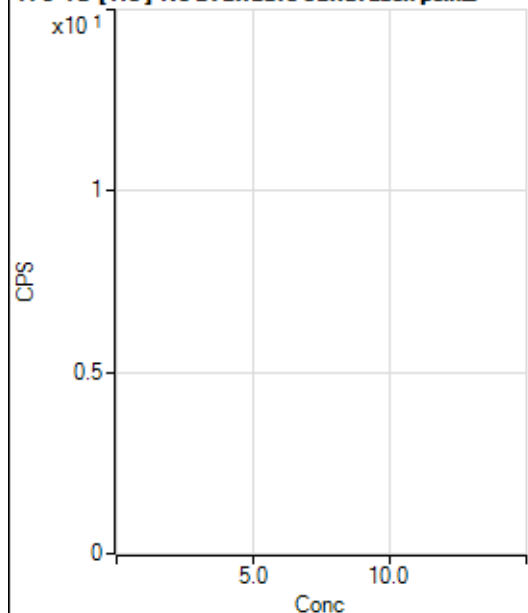
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	20.6
2	☐			118.89		P	19.7
3	☐			134.45		P	23.0
4	☐			156.67		P	18.2
5	☐			164.45		P	12.2
6	☐			208.89		P	19.2
7	☐			326.67		P	12.0
8	☐			885.60		P	4.4

172 Yb [He] No available calibration points

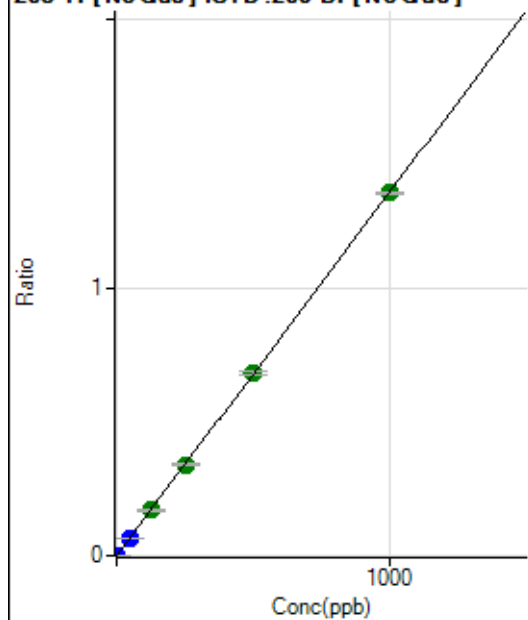
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	44.0
2	☐			43.33		P	7.7
3	☐			52.22		P	9.7
4	☐			48.89		P	23.9
5	☐			52.22		P	25.8
6	☐			73.33		P	28.4
7	☐			132.23		P	15.2
8	☐			362.23		P	2.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2328.01		P	5.8
2	☐			2170.20		P	1.2
3	☐			6607.25		P	0.7
4	☐			13174.45		P	2.2
5	☐			24297.96		P	1.6
6	☐			45661.94		P	1.5
7	☐			90054.38		P	1.1
8	☐			2638.07		P	6.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			357.79		P	11.7
2	☐			384.46		P	13.4
3	☐			1790.14		P	2.7
4	☐			3907.28		P	2.7
5	☐			7299.87		P	1.3
6	☐			13966.37		P	1.3
7	☐			27689.05		P	0.4
8	☐			561.13		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	377.79	0.0000	P	11.6
2	☐	1.000	1.000	20436.15	0.0014	P	1.2
3	☐	50.000	47.117	945690.68	0.0639	P	1.2
4	☐	125.000	125.089	2522799.08	0.1696	A	4.9
5	☐	250.000	249.987	4942240.45	0.3389	A	1.4
6	☐	500.000	502.961	9598739.03	0.6818	A	1.6
7	☐	1000.000	998.656	18900490.69	1.3536	A	0.9
8	☐			1780.16	0.0001	P	7.0

$$y = 0.0014 * x + 2.5279E-005$$

$$R = 1.0000$$

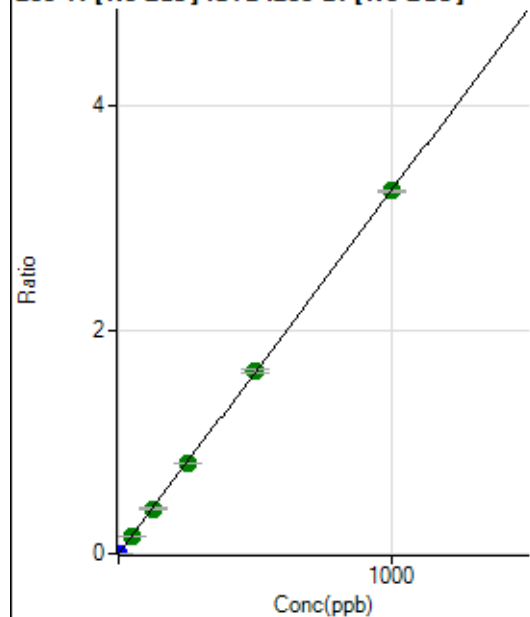
$$DL = 0.006497$$

$$BEC = 0.01865$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1008.94	0.0001	P	6.5
2	☐	1.000	0.996	48809.19	0.0033	P	1.6
3	☐	50.000	49.828	2393000.94	0.1617	A	1.6
4	☐	125.000	123.029	5937577.55	0.3991	A	4.6
5	☐	250.000	247.994	11731669.55	0.8043	A	0.8
6	☐	500.000	502.601	22949860.77	1.6301	A	1.8
7	☐	1000.000	999.456	45258333.21	3.2414	A	0.6
8	☐			4157.42	0.0003	P	8.1

$$y = 0.0032 * x + 6.7523E-005$$

$$R = 1.0000$$

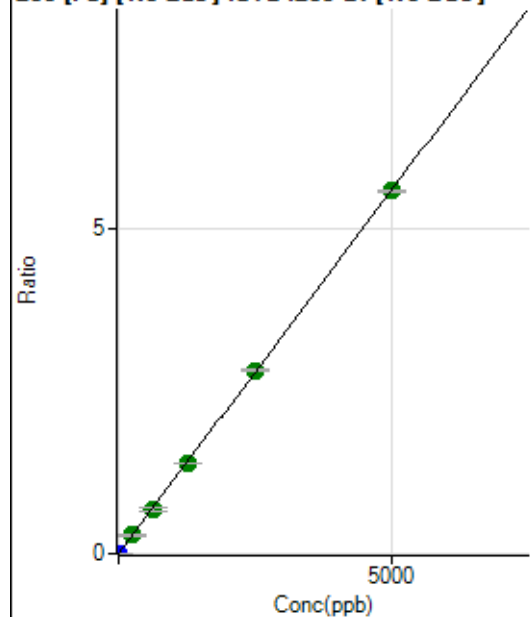
$$DL = 0.004033$$

$$BEC = 0.02082$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2895.91	0.0002	P	3.3
2	☐	1.000	0.978	19026.27	0.0013	P	0.9
3	☐	250.000	251.665	4160517.54	0.2811	A	0.8
4	☐	625.000	607.011	10081352.56	0.6777	A	5.1
5	☐	1250.000	1239.252	20175420.25	1.3833	A	1.3
6	☐	2500.000	2526.464	39702646.91	2.8199	A	1.5
7	☐	5000.000	4991.621	77789011.62	5.5712	A	0.4
8	☐			16565.25	0.0014	P	1.3

$$y = 0.0011 * x + 1.9378E-004$$

$$R = 1.0000$$

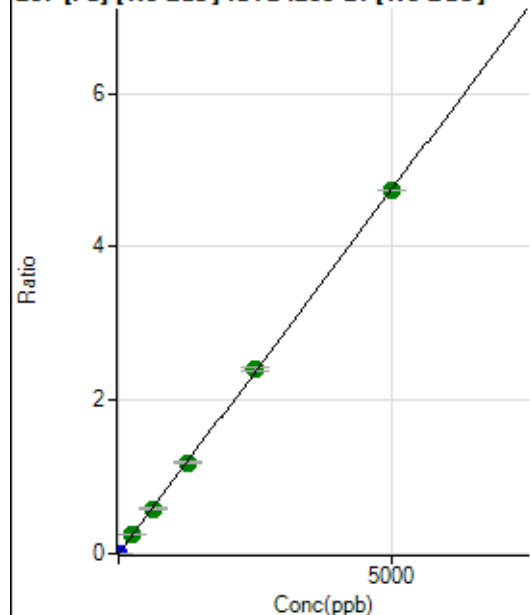
$$DL = 0.01729$$

$$BEC = 0.1736$$

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	2510.27	0.0002	P	1.8
2	☐	1.000	1.007	16624.12	0.0011	P	0.6
3	☐	250.000	254.006	3569676.27	0.2412	A	0.9
4	☐	625.000	613.962	8670242.79	0.5827	A	3.8
5	☐	1250.000	1247.420	17262523.35	1.1837	A	2.1
6	☐	2500.000	2535.168	33865786.16	2.4054	A	2.4
7	☐	5000.000	4984.240	66029972.35	4.7290	A	0.2
8	☐			14011.20	0.0012	P	1.6

$$y = 9.4875E-004 * x + 1.6798E-004$$

$$R = 1.0000$$

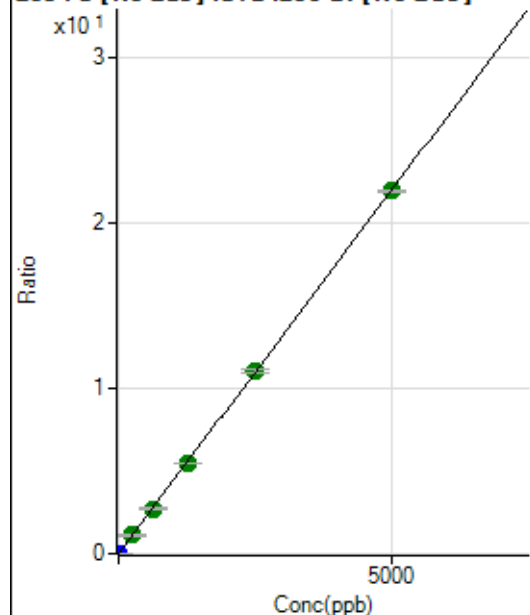
$$DL = 0.009344$$

$$BEC = 0.1771$$

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	11383.18	0.0008	P	1.3
2	☐	1.000	0.983	75300.97	0.0051	P	1.4
3	☐	250.000	251.226	16377347.22	1.1064	A	1.0
4	☐	625.000	610.872	40016048.50	2.6892	A	3.8
5	☐	1250.000	1244.756	79908557.97	5.4790	A	1.4
6	☐	2500.000	2521.619	156256629.0	11.0985	A	2.0
7	☐	5000.000	4992.206	306781798.2	21.9716	A	0.4
8	☐			64312.82	0.0054	P	2.9

$$y = 0.0044 * x + 7.6175E-004$$

$$R = 1.0000$$

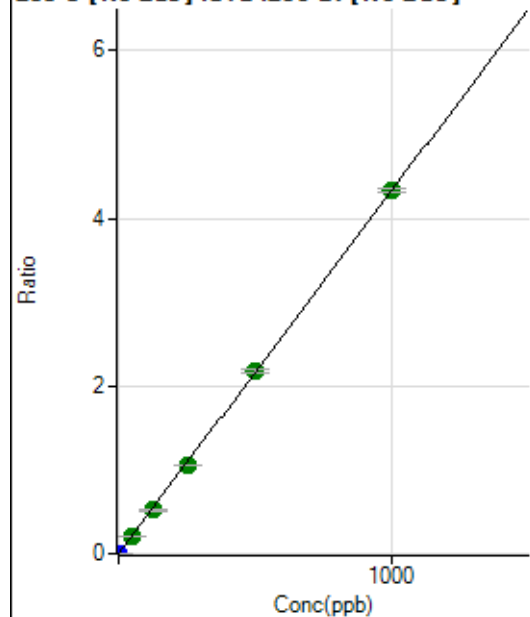
$$DL = 0.006554$$

$$BEC = 0.1731$$

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	258.89	0.0000	P	9.1
2	☐	1.000	0.942	60608.65	0.0041	P	1.9
3	☐	50.000	49.434	3167643.67	0.2140	A	0.6
4	☐	125.000	120.111	7739218.22	0.5199	A	2.2
5	☐	250.000	244.806	15455078.94	1.0597	A	1.3
6	☐	500.000	503.938	30711592.32	2.1813	A	1.8
7	☐	1000.000	999.969	60435640.21	4.3285	A	1.0
8	☐			3043.78	0.0003	P	10.8

$$y = 0.0043 * x + 1.7323E-005$$

$$R = 1.0000$$

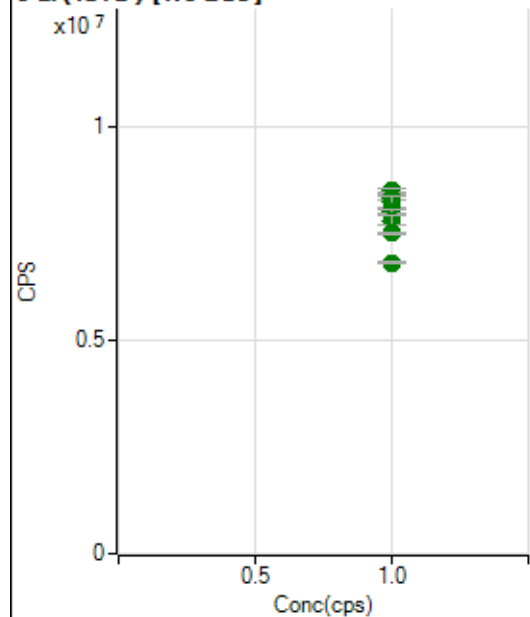
$$DL = 0.001093$$

$$BEC = 0.004002$$

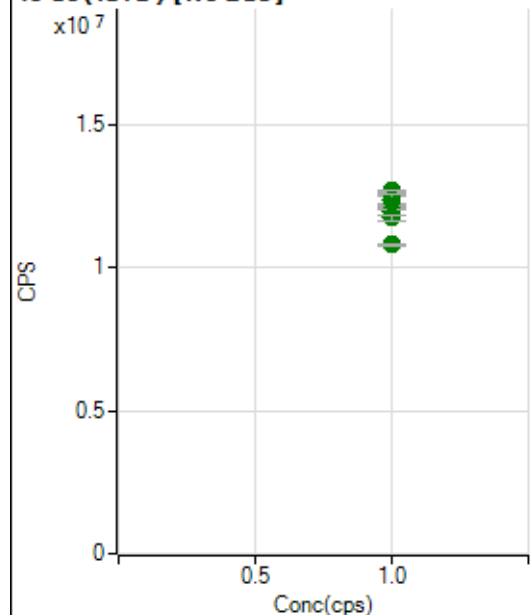
Weight: <None>

Min Conc: 0

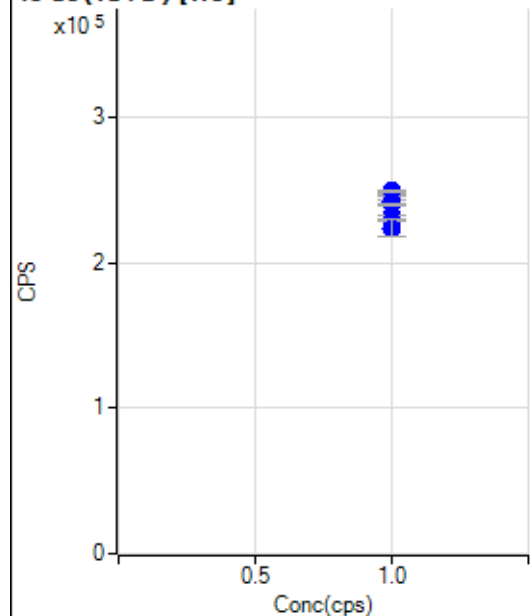
6 Li (ISTD) [No Gas]



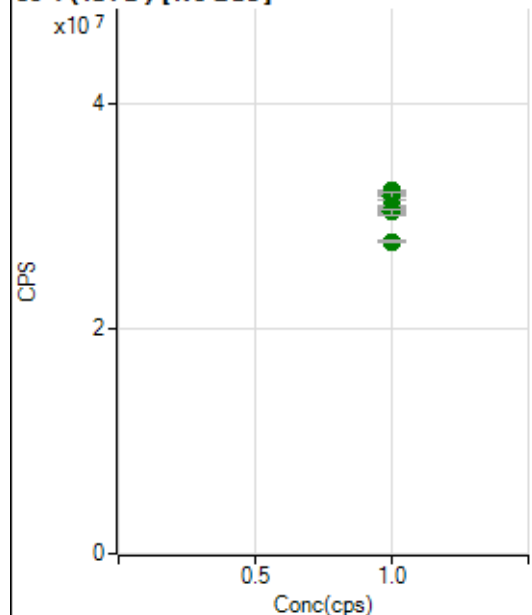
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8457633.23		A	0.5
2	☐	1.000		8515747.42		A	0.9
3	☐	1.000		8363655.55		A	1.2
4	☐	1.000		8279826.23		A	3.3
5	☐	1.000		8030974.48		A	1.3
6	☐	1.000		7826548.20		A	2.6
7	☐	1.000		7525654.41		A	0.5
8	☐	1.000		6832803.46		A	0.6

45 Sc (ISTD) [No Gas]

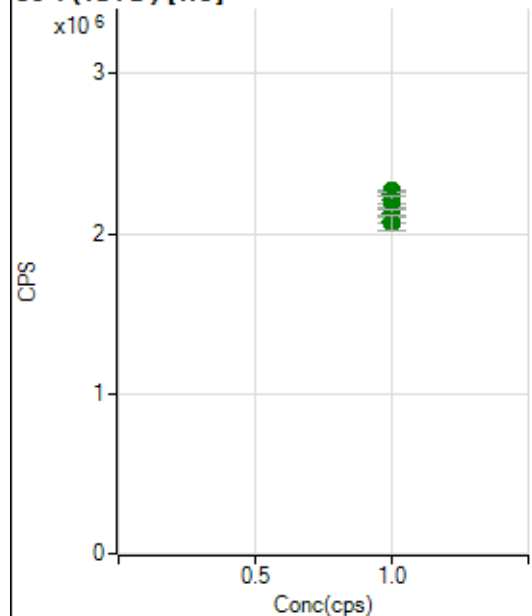
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12695907.17		A	0.7
2	☐	1.000		12593285.09		A	0.8
3	☐	1.000		12676029.39		A	0.6
4	☐	1.000		12411044.40		A	2.3
5	☐	1.000		12151598.85		A	0.3
6	☐	1.000		11947941.07		A	1.7
7	☐	1.000		11748236.49		A	2.0
8	☐	1.000		10801272.55		A	0.9

45 Sc (ISTD) [He]

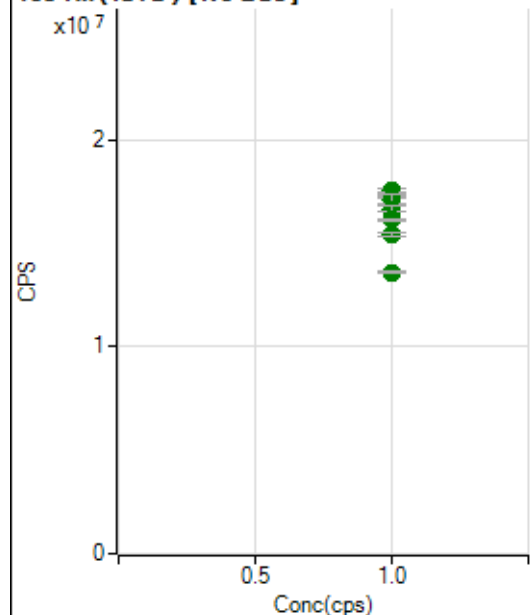
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		246980.12		P	0.3
2	☐	1.000		249595.74		P	0.8
3	☐	1.000		242155.71		P	0.9
4	☐	1.000		240609.49		P	0.6
5	☐	1.000		232559.63		P	0.2
6	☐	1.000		229382.98		P	0.4
7	☐	1.000		229228.33		P	0.6
8	☐	1.000		224187.17		P	5.0

89 Y (ISTD) [No Gas]

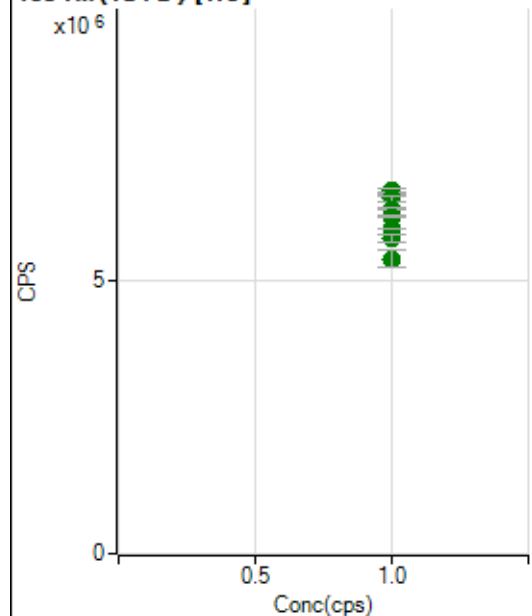
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31843803.69		A	1.1
2	☐	1.000		32202461.74		A	0.2
3	☐	1.000		31859651.75		A	0.9
4	☐	1.000		31757232.31		A	2.4
5	☐	1.000		30831532.04		A	0.9
6	☐	1.000		30318187.05		A	0.5
7	☐	1.000		30326857.33		A	1.4
8	☐	1.000		27676341.53		A	0.7

89 Y (ISTD) [He]

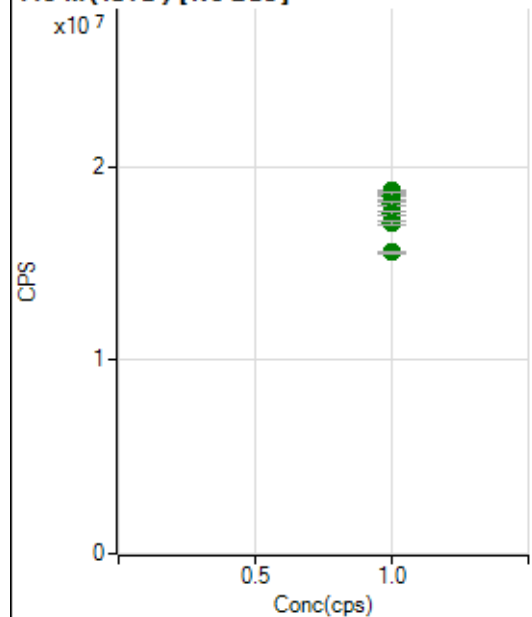
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267323.56		A	0.4
2	☐	1.000		2251925.66		A	1.2
3	☐	1.000		2211214.21		A	1.9
4	☐	1.000		2161848.18		A	0.2
5	☐	1.000		2130046.36		A	1.5
6	☐	1.000		2083406.48		A	2.0
7	☐	1.000		2066930.58		A	0.1
8	☐	1.000		2067791.65		A	5.0

103 Rh (ISTD) [No Gas]

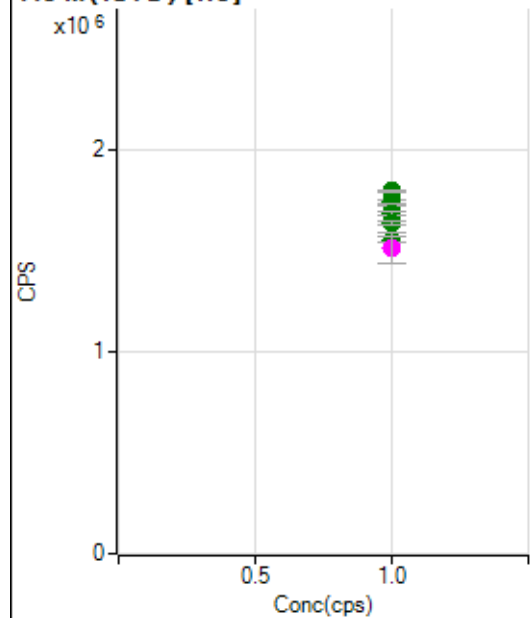
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17548063.07		A	1.4
2	☐	1.000		17489391.55		A	0.4
3	☐	1.000		17220346.27		A	0.5
4	☐	1.000		17148953.22		A	2.8
5	☐	1.000		16686432.81		A	1.4
6	☐	1.000		16159922.54		A	0.7
7	☐	1.000		15406076.99		A	1.2
8	☐	1.000		13599830.91		A	0.4

103 Rh (ISTD) [He]

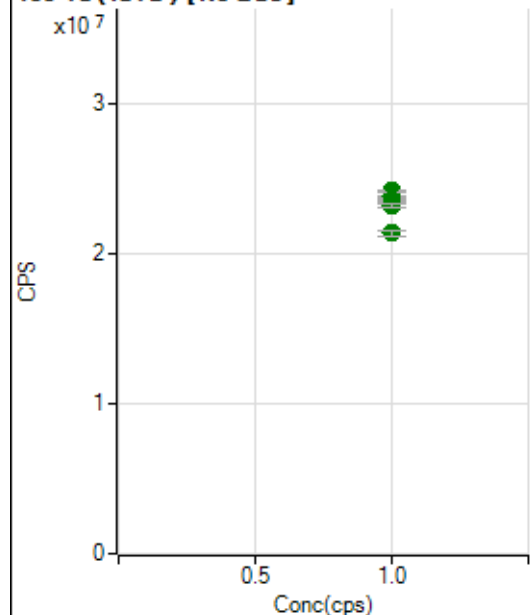
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6602915.59		A	0.4
2	☐	1.000		6647291.15		A	1.2
3	☐	1.000		6508908.24		A	1.8
4	☐	1.000		6313991.02		A	0.5
5	☐	1.000		6175129.49		A	0.6
6	☐	1.000		5962254.70		A	0.2
7	☐	1.000		5781369.08		A	2.0
8	☐	1.000		5405747.14		A	6.4

115 In (ISTD) [No Gas]

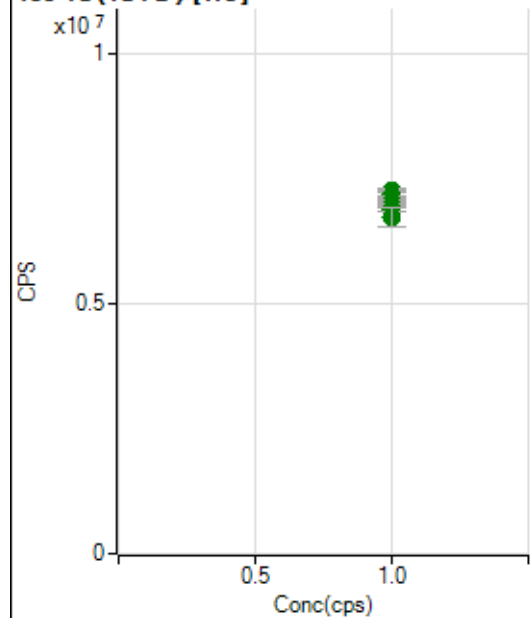
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18632275.74		A	1.3
2	☐	1.000		18738257.20		A	0.7
3	☐	1.000		18551448.75		A	0.4
4	☐	1.000		18490351.63		A	2.2
5	☐	1.000		18087317.86		A	0.7
6	☐	1.000		17592012.14		A	1.1
7	☐	1.000		17104710.78		A	1.0
8	☐	1.000		15569818.68		A	0.6

115 In (ISTD) [He]

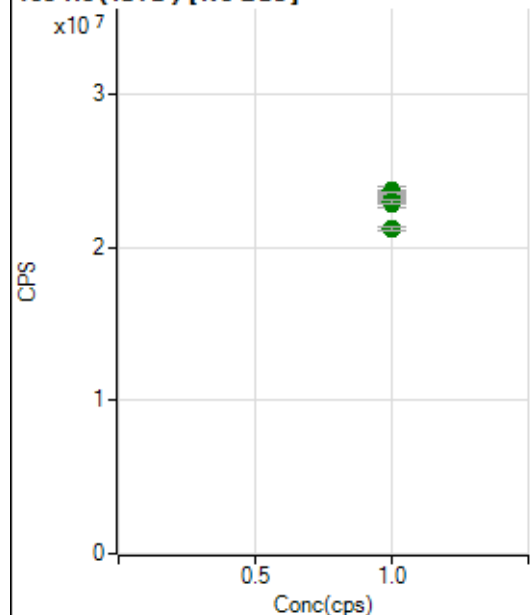
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1794880.41		A	0.6
2	☐	1.000		1791485.48		A	0.3
3	☐	1.000		1741504.91		A	0.7
4	☐	1.000		1729004.90		A	0.3
5	☐	1.000		1681868.09		A	1.0
6	☐	1.000		1638626.33		A	0.9
7	☐	1.000		1554242.28		A	1.5
8	☐	1.000		1512078.63		M	9.6

159 Tb (ISTD) [No Gas]

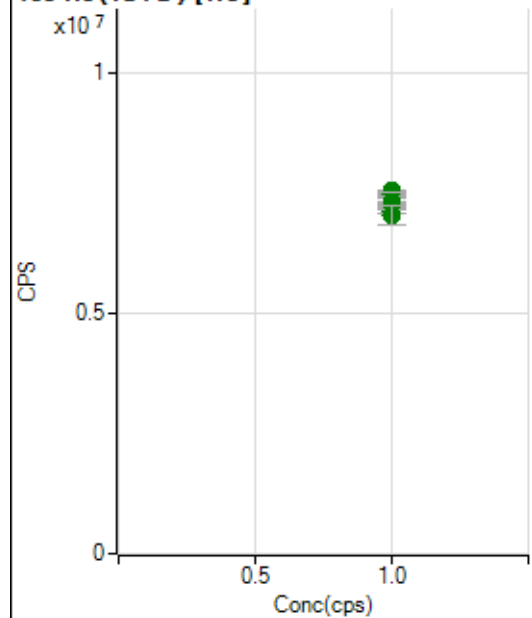
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23787922.42		A	0.5
2	☐	1.000		23634134.93		A	0.6
3	☐	1.000		24217438.25		A	0.2
4	☐	1.000		23925511.59		A	2.0
5	☐	1.000		23593892.98		A	0.6
6	☐	1.000		23300986.88		A	1.4
7	☐	1.000		23246807.15		A	0.9
8	☐	1.000		21383726.76		A	1.9

159 Tb (ISTD) [He]

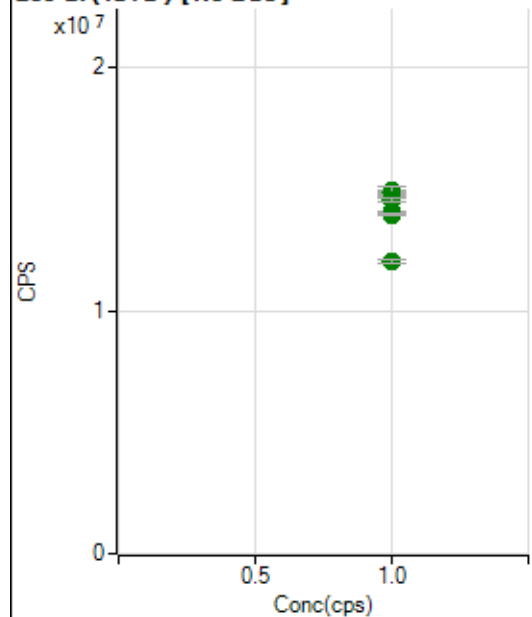
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7220554.82		A	1.1
2	☐	1.000		7268481.76		A	1.1
3	☐	1.000		7200238.09		A	1.8
4	☐	1.000		7169604.82		A	0.4
5	☐	1.000		7050873.58		A	0.5
6	☐	1.000		6990130.24		A	0.4
7	☐	1.000		6897810.87		A	1.0
8	☐	1.000		6744735.73		A	5.5

165 Ho (ISTD) [No Gas]

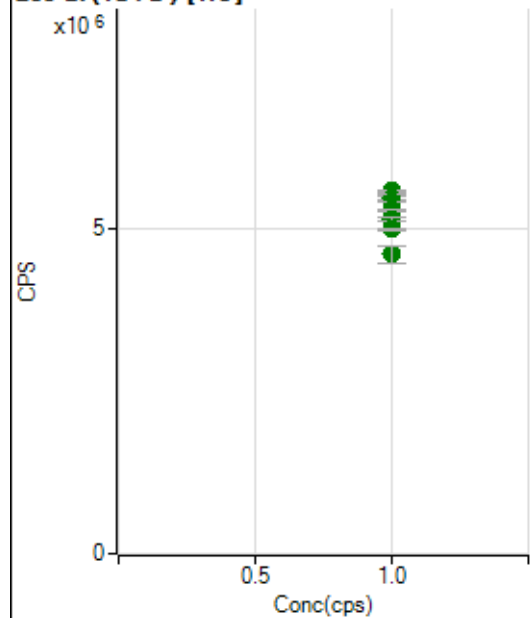
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23143030.49		A	0.7
2	☐	1.000		23348136.59		A	0.9
3	☐	1.000		23520955.48		A	1.2
4	☐	1.000		23673271.31		A	2.0
5	☐	1.000		23536933.81		A	0.9
6	☐	1.000		22810292.16		A	1.8
7	☐	1.000		22977123.54		A	0.8
8	☐	1.000		21188720.10		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7414214.33		A	0.4
2	☐	1.000		7550023.84		A	0.1
3	☐	1.000		7470164.75		A	0.7
4	☐	1.000		7482251.35		A	0.7
5	☐	1.000		7307066.63		A	1.0
6	☐	1.000		7233500.38		A	0.5
7	☐	1.000		7109297.32		A	1.1
8	☐	1.000		7038821.98		A	5.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14943261.72		A	0.2
2	☐	1.000		14802169.36		A	0.4
3	☐	1.000		14802664.36		A	0.5
4	☐	1.000		14891123.53		A	2.9
5	☐	1.000		14585862.70		A	1.0
6	☐	1.000		14080008.96		A	0.5
7	☐	1.000		13962780.76		A	0.5
8	☐	1.000		12009329.27		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5535443.87		A	0.5
2	☐	1.000		5589932.70		A	0.8
3	☐	1.000		5492906.58		A	1.5
4	☐	1.000		5417122.98		A	0.4
5	☐	1.000		5293138.32		A	0.3
6	☐	1.000		5152628.95		A	0.8
7	☐	1.000		4998032.56		A	0.4
8	☐	1.000		4612208.44		A	5.4