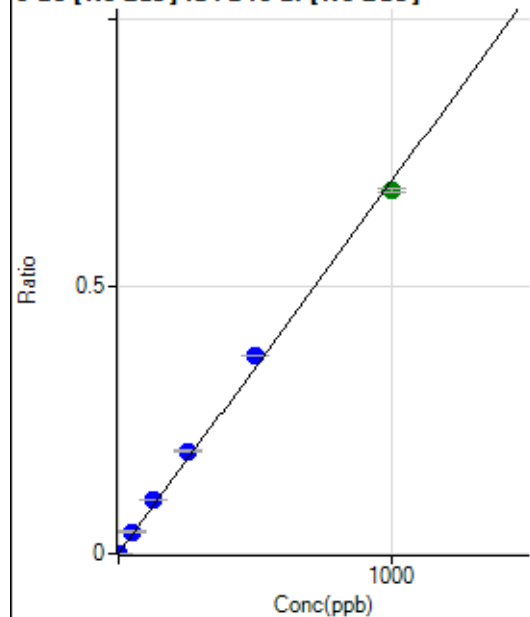


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102423-MS.b\
 Analysis File: P7102423-MS.batch.bin
 DA Date-Time: 2023-10-24 17:22:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-24 16:48:17
2	006CALS.d	S02	2023-10-24 16:54:50
3	007CALS.d	S03	2023-10-24 16:58:04
4	008CALS.d	S04	2023-10-24 17:01:11
5	009CALS.d	S05	2023-10-24 17:04:06
6	010CALS.d	S06	2023-10-24 17:06:57
7	011CALS.d	S07	2023-10-24 17:09:43
8	013CALS.d	S08	2023-10-24 17:16:10

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0001	P	12.4
2	☐	1.000	1.128	1562.32	0.0009	P	1.0
3	☐	50.000	58.645	69523.28	0.0409	P	5.2
4	☐	125.000	144.485	174181.36	0.1007	P	0.1
5	☐	250.000	275.752	330071.66	0.1921	P	0.8
6	☐	500.000	532.580	610905.75	0.3710	P	0.2
7	☐	1000.000	974.404	1072676.09	0.6787	A	1.2
8	☐			374.45	0.0002	P	14.1

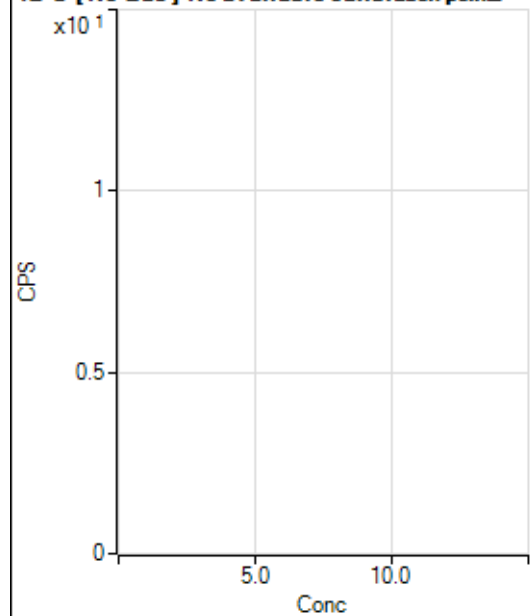
$$y = 6.9641\text{E-}004 * x + 6.9760\text{E-}005$$

$$R = 0.9987$$

$$DL = 0.03731$$

Weight: <None>

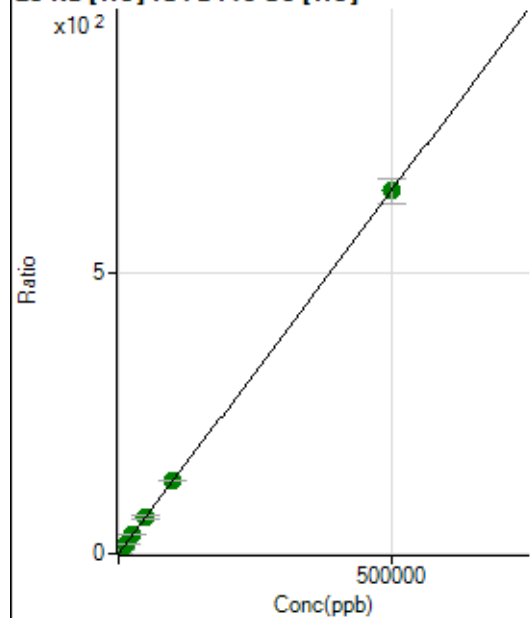
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11922.46	0.0364	P	3.8
2	☐	500.000	488.238	224045.61	0.6660	P	0.1
3	☐	5000.000	5225.132	2085345.86	6.7736	A	8.8
4	☐	12500.000	12933.972	5070186.14	16.7132	A	1.2
5	☐	25000.000	25678.718	9715679.92	33.1460	A	1.4
6	☐	50000.000	50543.136	18546757.78	65.2057	A	7.5
7	☐	100000.00	100321.64	35585829.47	129.3891	A	1.3
8	☐	500000.00	499834.33	165567969.7	644.5124	A	7.1

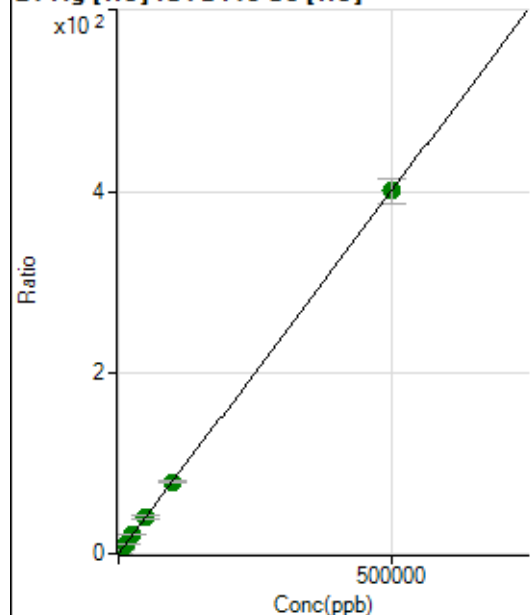
$$y = 0.0013 * x + 0.0364$$

$$R = 1.0000$$

$$DL = 3.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	848.92	0.0026	P	12.9
2	☐	500.000	482.547	130895.21	0.3891	P	0.4
3	☐	5000.000	5222.777	1289137.57	4.1856	A	8.1
4	☐	12500.000	13004.009	3160484.64	10.4177	A	0.7
5	☐	25000.000	25831.085	6064921.16	20.6911	A	1.5
6	☐	50000.000	50372.568	11477105.80	40.3467	A	7.3
7	☐	100000.00	98985.938	21804256.90	79.2818	A	1.3
8	☐	500000.00	500109.19	102912560.6	400.5470	A	6.8

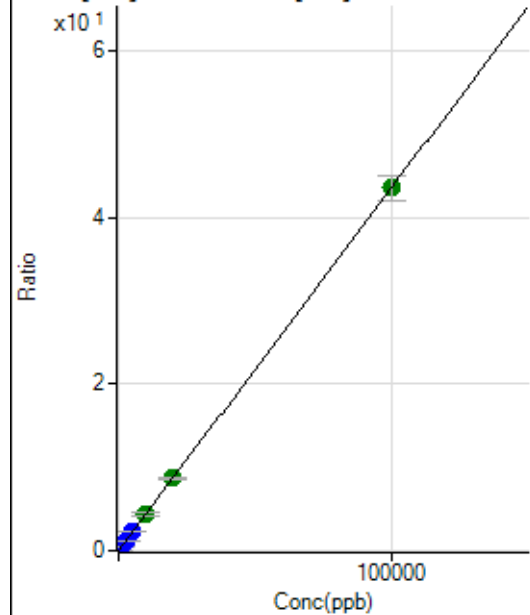
$$y = 8.0091\text{E-}004 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 1.254$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	318.90	0.0010	P	2.9
2	☐	20.000	21.648	3501.55	0.0104	P	4.4
3	☐	1000.000	1084.374	145779.54	0.4736	P	9.1
4	☐	2500.000	2667.465	352985.79	1.1635	P	1.0
5	☐	5000.000	5261.729	672476.98	2.2942	P	0.7
6	☐	10000.000	10087.644	1251432.68	4.3975	A	6.3
7	☐	20000.000	19957.028	2392378.42	8.6988	A	1.3
8	☐	100000.00	99981.713	11194921.92	43.5759	A	7.0

$$y = 4.3583\text{E-}004 * x + 9.7387\text{E-}004$$

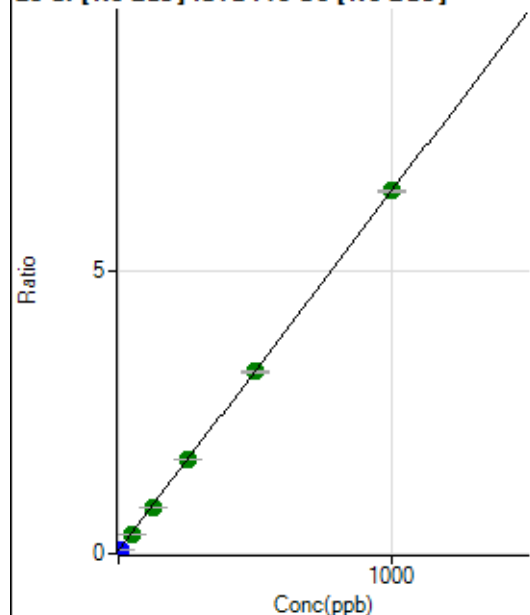
$$R = 1.0000$$

$$DL = 0.1931$$

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	247475.16	0.0556	P	1.0
2	☐	10.000	2.422	318919.93	0.0709	P	1.7
3	☐	50.000	44.752	1380005.53	0.3392	A	6.7
4	☐	125.000	118.757	3308349.12	0.8083	A	2.1
5	☐	250.000	255.209	6704853.79	1.6732	A	0.4
6	☐	500.000	498.005	12255618.43	3.2120	A	1.1
7	☐	1000.000	1000.814	23811435.76	6.3989	A	0.7
8	☐			481200.03	0.1306	P	16.2

$$y = 0.0063 * x + 0.0556$$

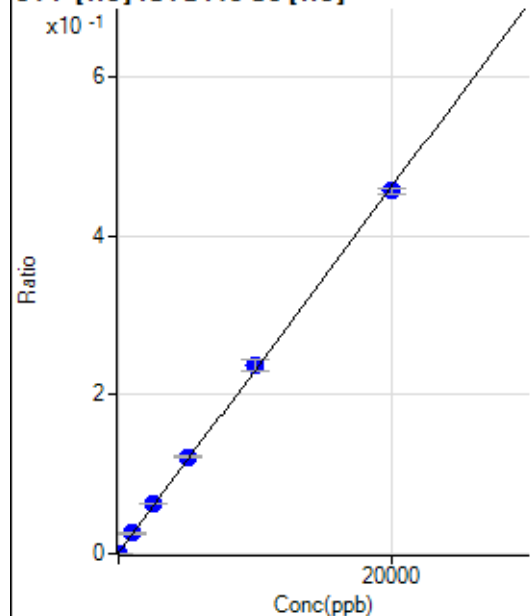
$$R = 0.9999$$

$$DL = 0.2652$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-7.505	257.78	0.0008	P	14.5
2	☐	0.000	7.505	382.23	0.0011	P	12.8
3	☐	1000.000	1078.202	7949.91	0.0258	P	7.9
4	☐	2500.000	2665.238	18926.23	0.0624	P	1.2
5	☐	5000.000	5245.363	35713.79	0.1218	P	1.3
6	☐	10000.000	10261.463	67554.73	0.2374	P	6.8
7	☐	20000.000	19783.363	125648.00	0.4569	P	1.3
8	☐			297.78	0.0012	P	2.6

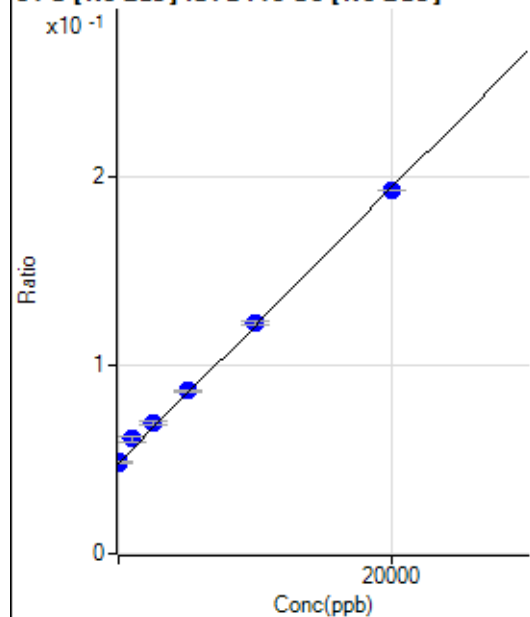
$$y = 2.3045E-005 * x + 9.6386E-004$$

$$R = 0.9998$$

$$DL = 16.93$$

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	-35.132	213713.92	0.0480	P	1.4
2	☐	0.000	35.132	218121.60	0.0485	P	2.4
3	☐	1000.000	1719.845	247588.53	0.0608	P	5.6
4	☐	2500.000	2891.438	283979.98	0.0694	P	2.9
5	☐	5000.000	5242.739	346902.67	0.0866	P	0.9
6	☐	10000.000	10177.147	467870.99	0.1226	P	1.0
7	☐	20000.000	19765.820	716967.14	0.1927	P	0.0
8	☐			183964.06	0.0497	P	4.7

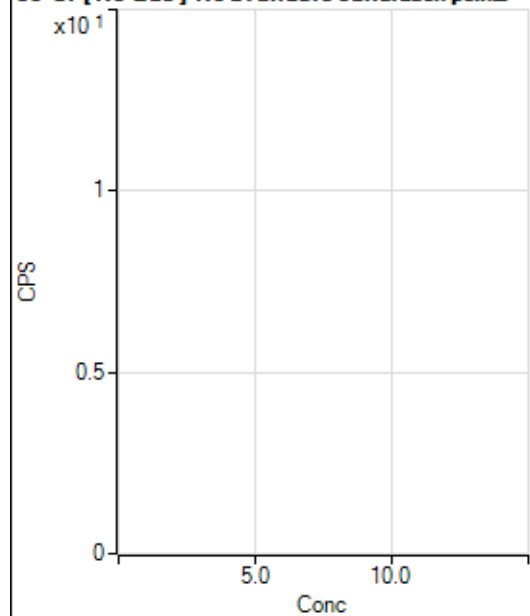
$$y = 7.3056E-006 * x + 0.0483$$

$$R = 0.9993$$

$$DL = 382$$

Weight: <None>

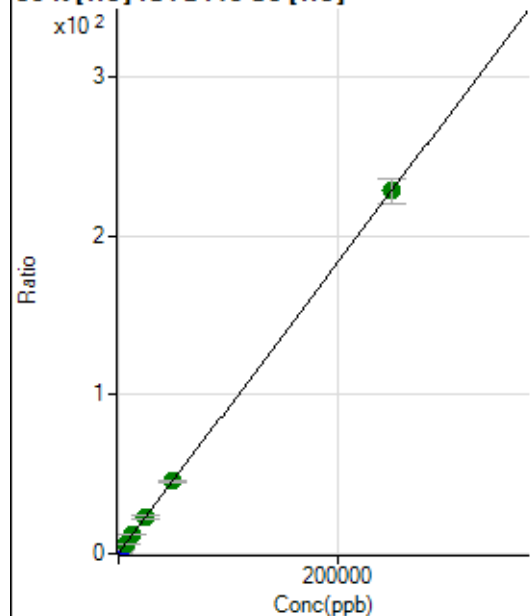
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58290.99	0.1782	P	5.0
2	☐	500.000	489.562	210404.89	0.6255	P	1.0
3	☐	2500.000	2762.405	831896.46	2.7017	P	8.5
4	☐	6250.000	6394.695	1826184.55	6.0198	A	1.1
5	☐	12500.000	12650.646	3439557.41	11.7345	A	1.6
6	☐	25000.000	24818.832	6499561.22	22.8501	A	7.4
7	☐	50000.000	49578.639	12505019.67	45.4680	A	0.6
8	☐	250000.00	250088.63	58738914.12	228.6328	A	7.0

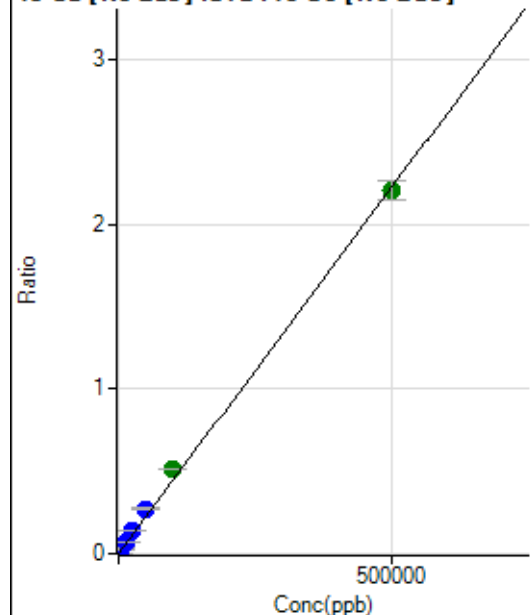
$$y = 9.1349\text{E-}004 * x + 0.1782$$

$$R = 1.0000$$

$$DL = 29.15$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	814.48	0.0002	P	4.2
2	☐	500.000	525.606	11333.18	0.0025	P	0.8
3	☐	5000.000	6514.122	118665.00	0.0292	P	5.3
4	☐	12500.000	15891.510	290019.98	0.0709	P	2.1
5	☐	25000.000	30813.946	549885.87	0.1372	P	0.5
6	☐	50000.000	61353.018	1041755.50	0.2730	P	1.6
7	☐	100000.00	114905.00	1902196.52	0.5112	A	0.8
8	☐	500000.00	495493.04	8151537.66	2.2038	A	5.4

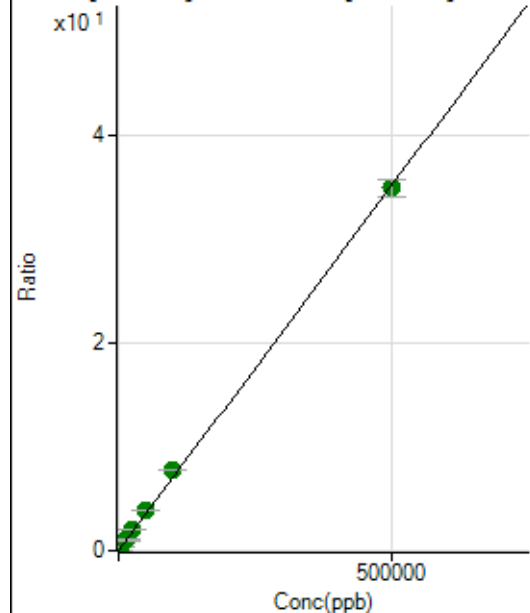
$$y = 4.4474\text{E-}006 * x + 1.8303\text{E-}004$$

$$R = 0.9994$$

$$DL = 5.154$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10147.94	0.0023	P	2.4
2	☐	500.000	525.564	176673.47	0.0393	P	1.5
3	☐	5000.000	5925.739	1707749.16	0.4197	A	6.0
4	☐	12500.000	14475.359	4182387.44	1.0219	A	2.5
5	☐	25000.000	28103.210	7941762.80	1.9819	A	0.7
6	☐	50000.000	56106.362	15088453.80	3.9545	A	1.1
7	☐	100000.00	110657.77	29012403.18	7.7971	A	0.9
8	☐	500000.00	497043.98	129537794.7	35.0146	A	4.8

$$y = 7.0441\text{E-}005 * x + 0.0023$$

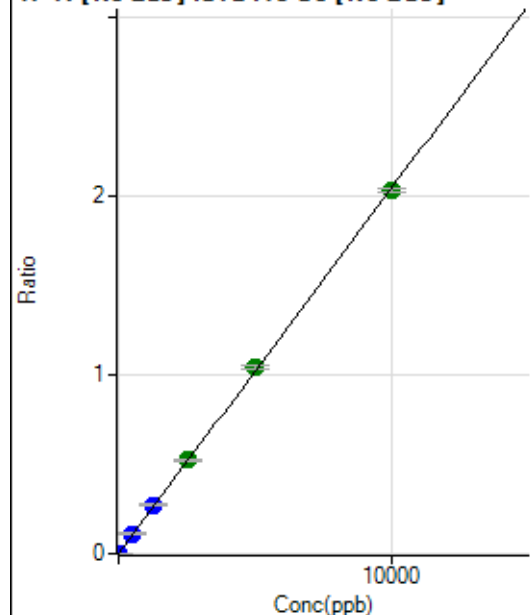
$$R = 0.9997$$

$$DL = 2.324$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0000	P	5.9
2	☐	5.000	5.066	4743.01	0.0011	P	1.9
3	☐	500.000	546.923	454342.65	0.1117	P	6.4
4	☐	1250.000	1339.489	1119396.92	0.2735	P	2.0
5	☐	2500.000	2555.096	2090441.15	0.5217	A	0.4
6	☐	5000.000	5087.751	3963054.00	1.0387	A	1.9
7	☐	10000.000	9928.818	7542339.47	2.0270	A	1.2
8	☐			1023.38	0.0003	P	10.6

$$y = 2.0416\text{E-}004 * x + 2.0472\text{E-}005$$

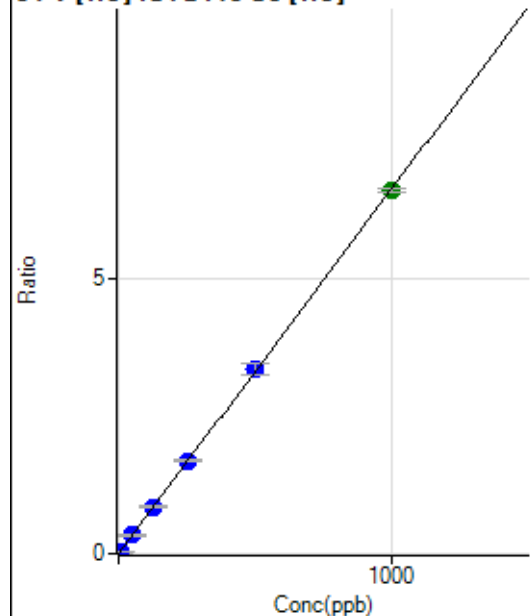
$$R = 0.9999$$

$$DL = 0.01786$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	48.3
2	☐	5.000	4.724	10544.87	0.0313	P	2.6
3	☐	50.000	52.029	106251.41	0.3451	P	8.5
4	☐	125.000	128.570	258672.63	0.8527	P	1.2
5	☐	250.000	254.933	495565.78	1.6907	P	1.3
6	☐	500.000	505.979	954610.18	3.3555	P	7.1
7	☐	1000.000	995.231	1815167.87	6.6001	A	1.1
8	☐			454.46	0.0018	P	4.0

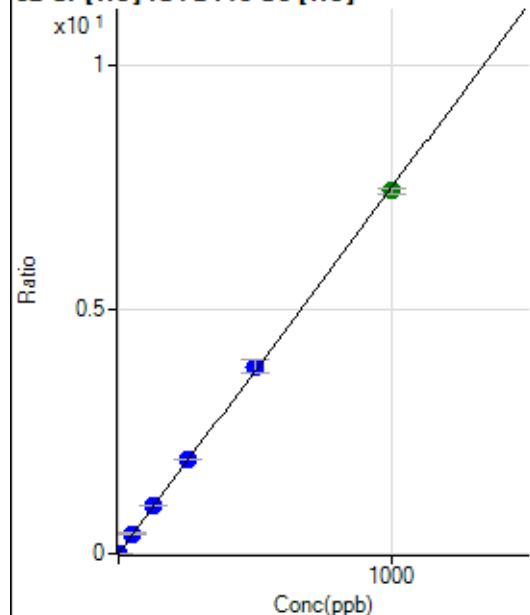
$$y = 0.0066 * x + 2.0348\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.004443$$

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	558.90	0.0017	P	10.5
2	☐	2.000	2.026	5684.45	0.0169	P	3.5
3	☐	50.000	53.691	124408.06	0.4040	P	8.2
4	☐	125.000	130.683	297541.30	0.9808	P	0.6
5	☐	250.000	258.550	568295.87	1.9388	P	1.0
6	☐	500.000	511.408	1090374.28	3.8332	P	7.3
7	☐	1000.000	991.263	2042875.63	7.4283	A	1.7
8	☐			5714.47	0.0223	P	8.3

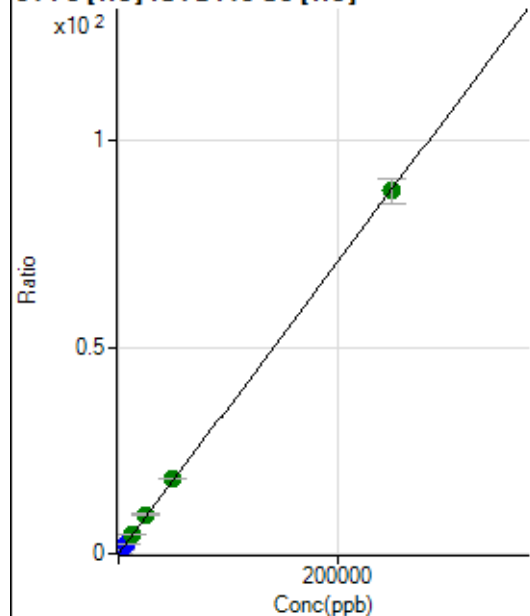
$$y = 0.0075 * x + 0.0017$$

$$R = 0.9999$$

$$DL = 0.07171$$

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	974.49	0.0030	P	5.9
2	☐	50.000	53.856	7387.43	0.0220	P	3.8
3	☐	2500.000	2928.955	318745.21	1.0351	P	8.4
4	☐	6250.000	7213.648	772079.75	2.5450	P	1.3
5	☐	12500.000	13603.375	1405978.99	4.7968	A	2.3
6	☐	25000.000	26959.893	2703208.08	9.5035	A	7.4
7	☐	50000.000	52029.824	5043586.07	18.3381	A	0.3
8	☐	250000.00	249314.49	22572171.33	87.8605	A	7.0

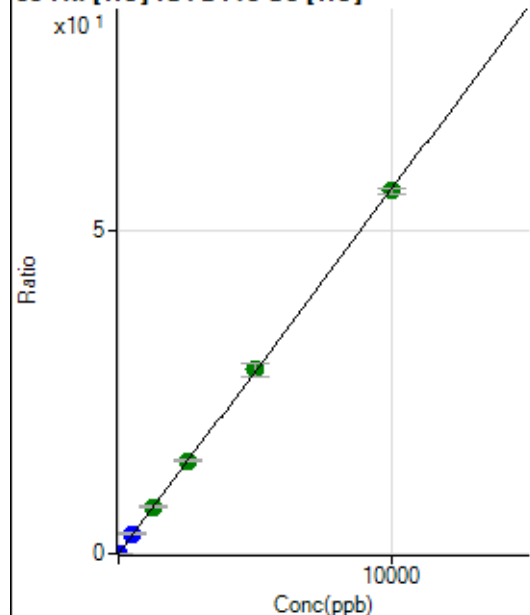
$$y = 3.5240E-004 * x + 0.0030$$

$$R = 0.9999$$

$$DL = 1.509$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.00	0.0004	P	5.4
2	☐	1.000	1.032	2091.28	0.0062	P	4.9
3	☐	500.000	536.354	930474.93	3.0226	P	9.0
4	☐	1250.000	1291.508	2207917.83	7.2778	A	1.5
5	☐	2500.000	2556.967	4223332.75	14.4084	A	1.7
6	☐	5000.000	5052.897	8098051.13	28.4725	A	7.7
7	☐	10000.000	9952.304	15423082.96	56.0797	A	1.4
8	☐			7937.71	0.0309	P	6.5

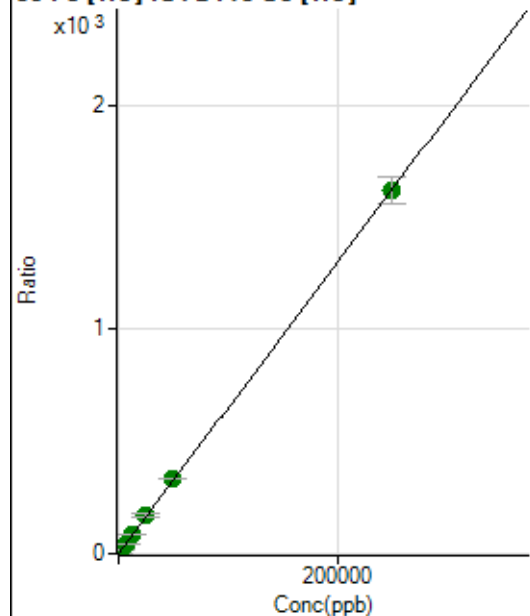
$$y = 0.0056 * x + 3.9733E-004$$

$$R = 1.0000$$

$$DL = 0.01139$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9925.56	0.0304	P	5.3
2	☐	50.000	52.734	125314.36	0.3725	P	0.8
3	☐	2500.000	2696.582	5394301.86	17.5265	A	9.4
4	☐	6250.000	6696.999	13191466.89	43.4822	A	1.2
5	☐	12500.000	13165.145	25046642.40	85.4491	A	1.2
6	☐	25000.000	26141.605	48251507.06	169.6437	A	7.6
7	☐	50000.000	51305.899	91557878.64	332.9160	A	1.4
8	☐	250000.00	249578.26	415954207.1	1,619.357	A	7.4

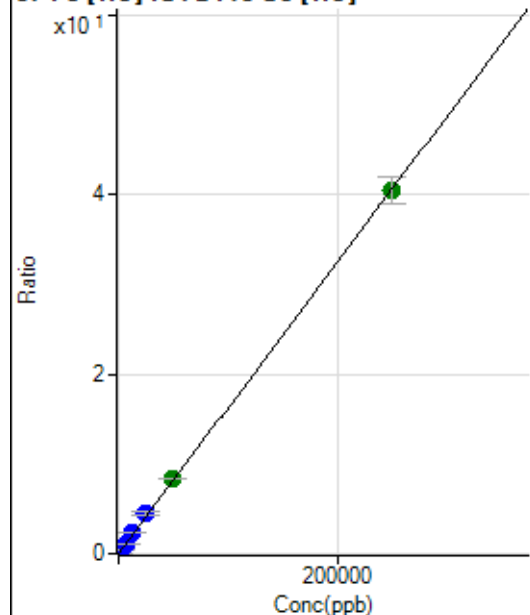
$$y = 0.0065 * x + 0.0304$$

$$R = 1.0000$$

$$DL = 0.7421$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	778.92	0.0024	P	8.9
2	☐	50.000	52.920	3690.49	0.0110	P	7.4
3	☐	2500.000	2876.537	144459.59	0.4692	P	8.7
4	☐	6250.000	7086.306	349591.25	1.1524	P	0.9
5	☐	12500.000	13984.099	665898.68	2.2717	P	0.8
6	☐	25000.000	27692.035	1279013.77	4.4963	P	7.3
7	☐	50000.000	51593.102	2303299.67	8.3749	A	0.9
8	☐	250000.00	249313.29	10393655.89	40.4610	A	7.2

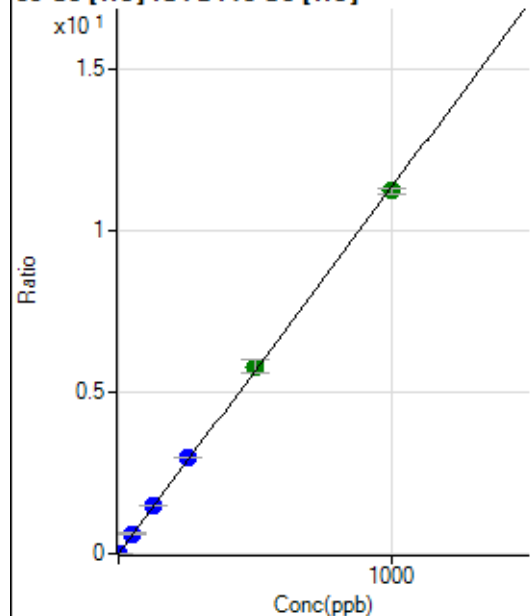
$$y = 1.6228\text{E-}004 * x + 0.0024$$

$$R = 0.9999$$

$$DL = 3.922$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.00	0.0002	P	6.9
2	☐	1.000	1.013	3947.22	0.0117	P	5.7
3	☐	50.000	53.947	188457.67	0.6120	P	8.5
4	☐	125.000	132.682	456547.70	1.5049	P	1.0
5	☐	250.000	261.785	870294.68	2.9690	P	0.8
6	☐	500.000	511.172	1649694.00	5.7972	A	6.4
7	☐	1000.000	990.310	3088670.47	11.2310	A	1.7
8	☐			8631.44	0.0336	P	7.1

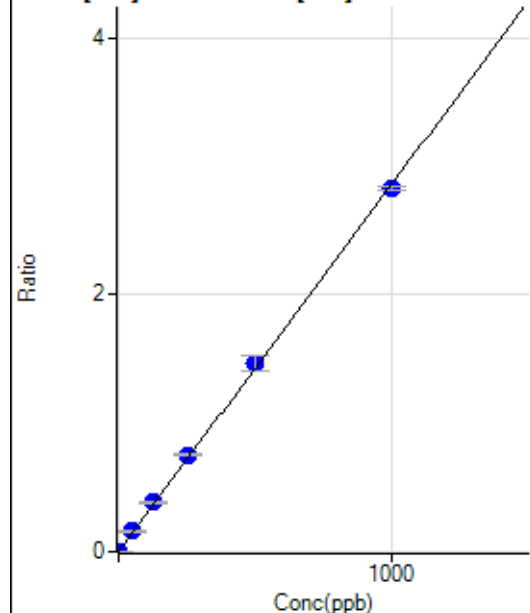
$$y = 0.0113 * x + 2.4442\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.004465$$

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	211.11	0.0006	P	1.2
2	☐	1.000	1.045	1221.17	0.0036	P	10.1
3	☐	50.000	55.278	48878.24	0.1586	P	6.6
4	☐	125.000	134.467	116742.96	0.3848	P	1.6
5	☐	250.000	263.129	220551.01	0.7524	P	1.4
6	☐	500.000	513.828	417772.21	1.4687	P	7.4
7	☐	1000.000	988.356	776811.66	2.8245	P	0.9
8	☐			2725.83	0.0106	P	11.3

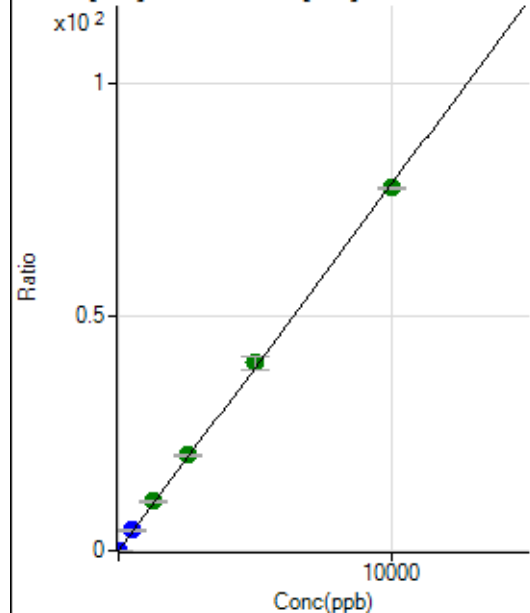
$$y = 0.0029 * x + 6.4454E-004$$

$$R = 0.9997$$

$$DL = 0.008115$$

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	812.25	0.0025	P	4.3
2	☐	2.000	2.016	6146.87	0.0183	P	4.4
3	☐	500.000	554.792	1338793.68	4.3486	P	8.8
4	☐	1250.000	1339.309	3183753.84	10.4944	A	0.4
5	☐	2500.000	2608.437	5990214.36	20.4366	A	1.6
6	☐	5000.000	5118.656	11405215.94	40.1013	A	7.7
7	☐	10000.000	9899.660	21329658.85	77.5550	A	0.6
8	☐			5682.24	0.0221	P	4.9

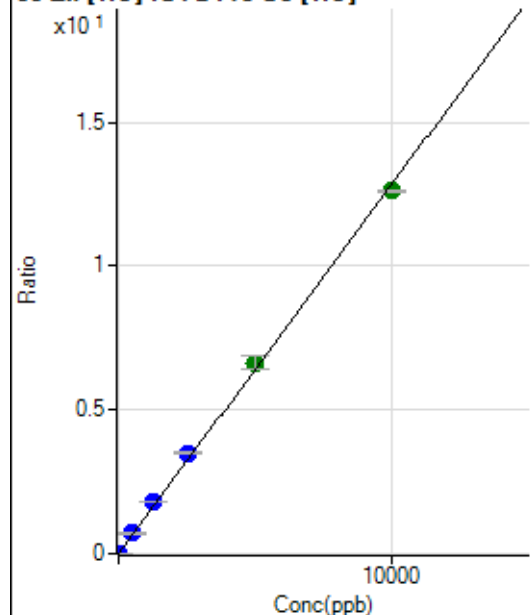
$$y = 0.0078 * x + 0.0025$$

$$R = 0.9998$$

$$DL = 0.041$$

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	446.67	0.0014	P	1.3
2	☐	2.000	2.294	1448.97	0.0043	P	6.7
3	☐	500.000	558.873	221158.52	0.7184	P	9.1
4	☐	1250.000	1391.713	542132.65	1.7871	P	0.9
5	☐	2500.000	2733.621	1028512.56	3.5089	P	0.8
6	☐	5000.000	5174.928	1889770.92	6.6413	A	6.6
7	☐	10000.000	9833.473	3470448.18	12.6186	A	0.7
8	☐			4439.59	0.0173	P	9.3

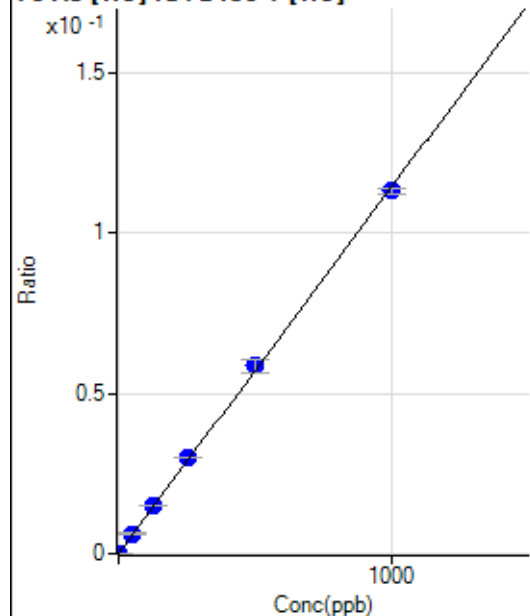
$$y = 0.0013 * x + 0.0014$$

$$R = 0.9994$$

$$DL = 0.04283$$

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	8.89	0.0000	P	24.4
2	☐	1.000	1.060	318.89	0.0001	P	8.3
3	☐	50.000	53.694	14352.58	0.0061	P	9.7
4	☐	125.000	132.695	35608.20	0.0152	P	0.4
5	☐	250.000	261.536	68161.02	0.0299	P	0.3
6	☐	500.000	512.383	130672.13	0.0585	P	6.7
7	☐	1000.000	989.778	241348.55	0.1131	P	1.4
8	☐			82.22	0.0000	P	18.2

$$y = 1.1423E-004 * x + 3.5689E-006$$

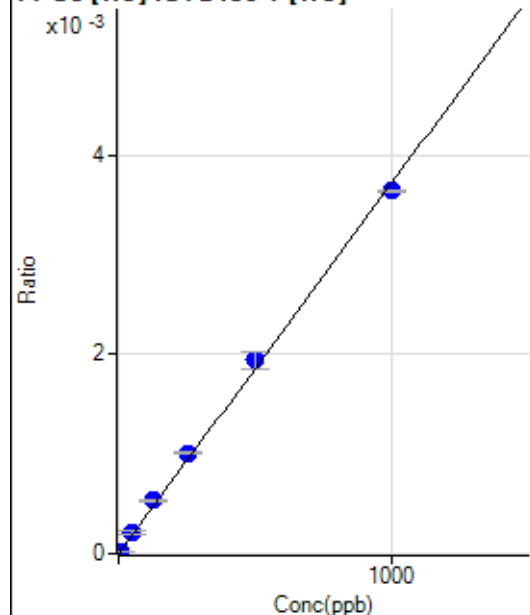
$$R = 0.9998$$

$$DL = 0.02291$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.669	63.33	0.0000	P	5.4
3	☐	50.000	57.781	502.23	0.0002	P	14.3
4	☐	125.000	143.962	1255.62	0.0005	P	4.7
5	☐	250.000	272.173	2305.76	0.0010	P	2.0
6	☐	500.000	523.860	4339.57	0.0019	P	8.8
7	☐	1000.000	979.759	7767.66	0.0036	P	0.6
8	☐			54.44	0.0000	P	22.2

$$y = 3.7137\text{E-}006 * x + 0.0000\text{E+}000$$

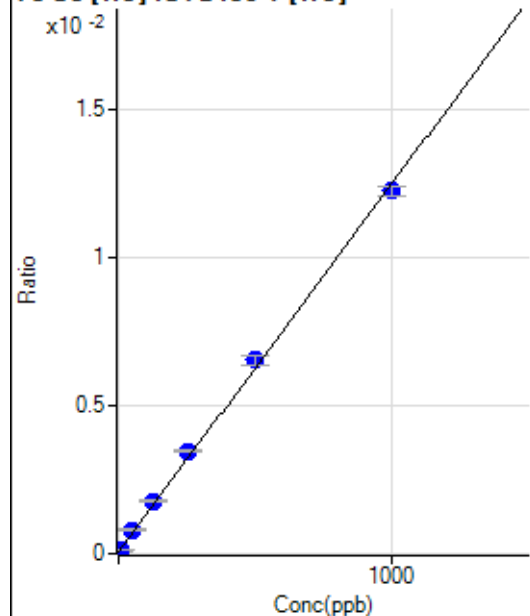
$$R = 0.9992$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	156.67	0.0001	P	13.9
2	☐	5.000	5.033	318.89	0.0001	P	17.9
3	☐	50.000	58.023	1832.35	0.0008	P	8.5
4	☐	125.000	137.339	4150.62	0.0018	P	4.9
5	☐	250.000	272.982	7873.27	0.0035	P	2.0
6	☐	500.000	521.184	14595.06	0.0065	P	5.3
7	☐	1000.000	981.719	26145.38	0.0122	P	2.5
8	☐			241.12	0.0001	P	8.1

$$y = 1.2414\text{E-}005 * x + 6.2226\text{E-}005$$

$$R = 0.9993$$

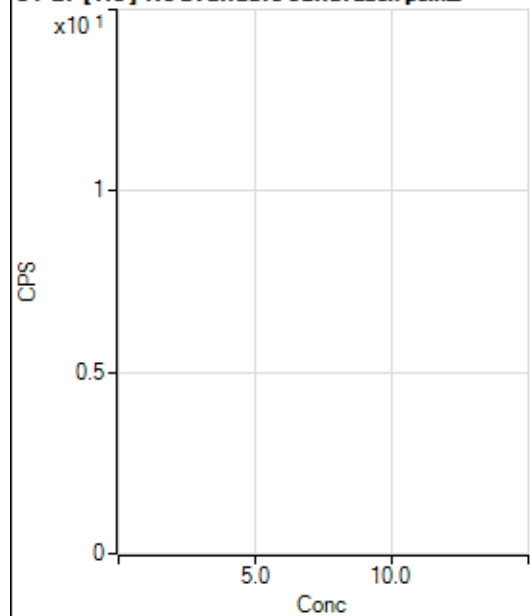
$$DL = 2.086$$

Weight: <None>

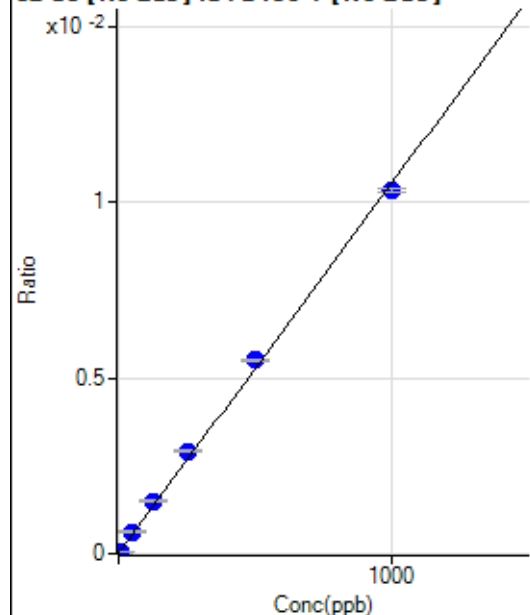
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24606.17		P	1.3
2	☐			25607.87		P	1.5
3	☐			24893.34		P	2.0
4	☐			23433.15		P	3.6
5	☐			22712.03		P	1.3
6	☐			21984.30		P	1.2
7	☐			23164.95		P	0.8
8	☐			25550.00		P	2.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	33.3
2	☐			55.55		P	19.3
3	☐			77.78		P	17.3
4	☐			68.89		P	23.9
5	☐			65.56		P	36.1
6	☐			62.22		P	27.0
7	☐			80.00		P	31.5
8	☐			773.36		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.42	0.0000	P	7.3
2	☐	5.000	4.814	804.69	0.0001	P	4.8
3	☐	50.000	57.153	6802.04	0.0006	P	5.4
4	☐	125.000	141.128	16908.06	0.0015	P	1.8
5	☐	250.000	274.948	32004.71	0.0029	P	1.5
6	☐	500.000	522.637	59399.48	0.0055	P	0.8
7	☐	1000.000	980.072	107841.59	0.0103	P	1.0
8	☐			695.14	0.0001	P	4.8

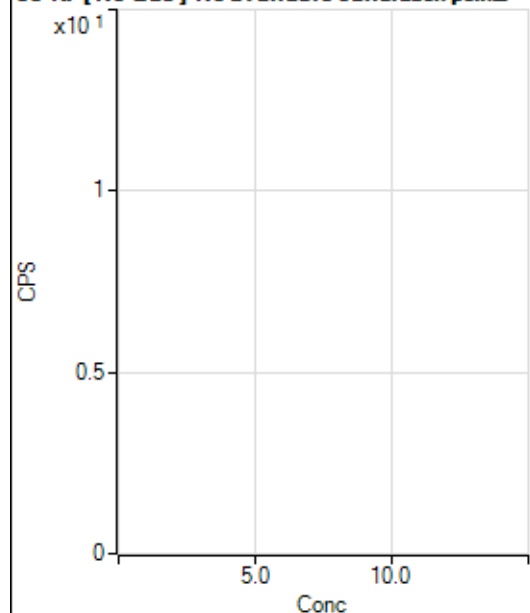
$$y = 1.0504E-005 * x + 1.5468E-005$$

$$R = 0.9992$$

$$DL = 0.3205$$

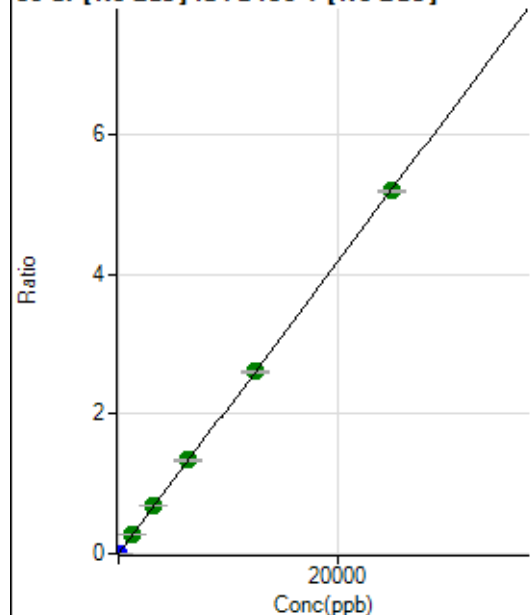
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			107.78		P	13.9
2	☐			112.22		P	27.0
3	☐			144.45		P	15.0
4	☐			122.23		P	25.3
5	☐			131.12		P	12.0
6	☐			130.00		P	12.8
7	☐			137.78		P	5.6
8	☐			158.89		P	2.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0000	P	9.6
2	☐	1.000	0.960	2661.38	0.0002	P	3.9
3	☐	1250.000	1343.949	3095032.21	0.2802	A	5.4
4	☐	3125.000	3276.119	7710824.40	0.6830	A	0.7
5	☐	6250.000	6430.937	14779289.09	1.3407	A	0.9
6	☐	12500.000	12497.673	28111757.08	2.6054	A	0.6
7	☐	25000.000	24932.342	54367305.86	5.1977	A	0.9
8	☐			5407.71	0.0005	P	5.7

$$y = 2.0847E-004 * x + 1.8170E-005$$

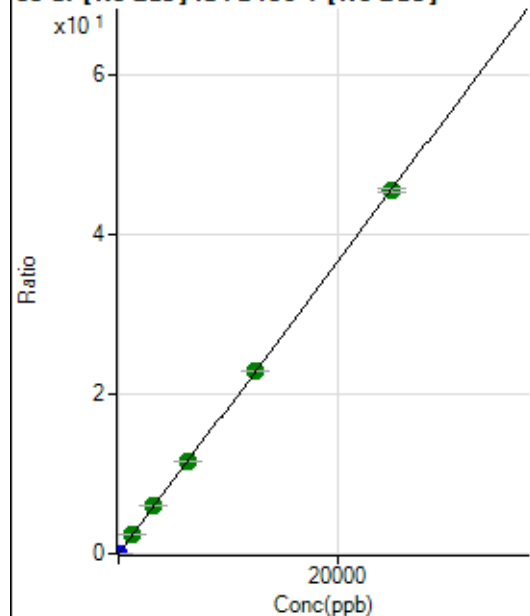
$$R = 1.0000$$

$$DL = 0.02515$$

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	365.56	0.0000	P	4.6
2	☐	1.000	0.928	21057.34	0.0017	P	1.7
3	☐	1250.000	1327.917	26801590.43	2.4269	A	6.0
4	☐	3125.000	3255.596	67168951.78	5.9498	A	1.0
5	☐	6250.000	6371.817	128367650.3	11.6449	A	1.0
6	☐	12500.000	12550.076	247470176.3	22.9361	A	1.0
7	☐	25000.000	24924.288	476443059.5	45.5508	A	1.0
8	☐			46287.12	0.0046	P	5.1

$$y = 0.0018 * x + 3.0680E-005$$

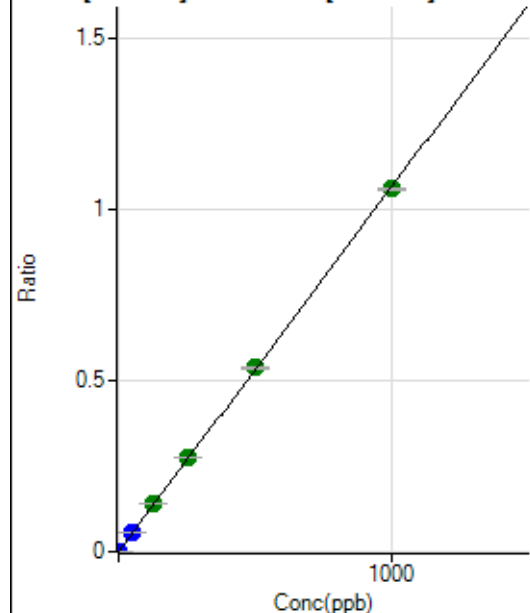
$$R = 1.0000$$

$$DL = 0.002308$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.56	0.0000	P	7.9
2	☐	1.000	0.907	12197.37	0.0010	P	0.8
3	☐	50.000	53.166	625312.76	0.0566	P	5.6
4	☐	125.000	131.378	1578868.59	0.1398	A	0.5
5	☐	250.000	257.652	3023110.48	0.2742	A	1.2
6	☐	500.000	504.069	5788083.11	0.5364	A	1.2
7	☐	1000.000	995.097	11076909.84	1.0590	A	0.6
8	☐			4619.65	0.0005	P	7.0

$$y = 0.0011 * x + 3.5689E-005$$

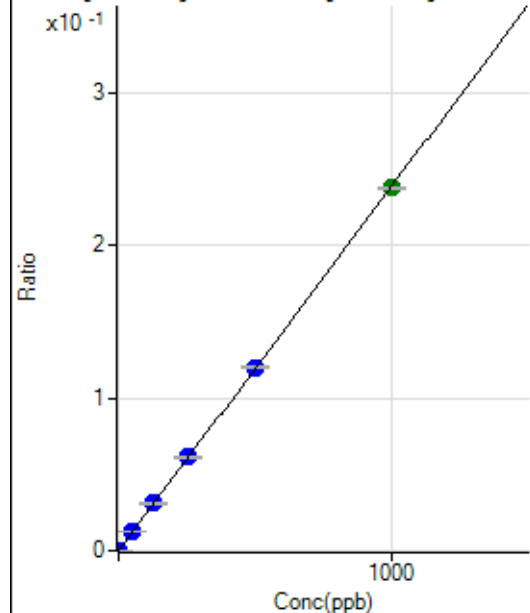
$$R = 0.9999$$

$$DL = 0.007911$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0000	P	4.4
2	☐	1.000	0.892	2692.50	0.0002	P	1.1
3	☐	50.000	52.725	139065.82	0.0126	P	6.2
4	☐	125.000	129.749	349722.07	0.0310	P	1.0
5	☐	250.000	256.194	674112.85	0.0612	P	1.9
6	☐	500.000	502.773	1294944.58	0.1200	P	0.7
7	☐	1000.000	996.335	2487705.07	0.2378	A	0.3
8	☐			1036.72	0.0001	P	1.0

$$y = 2.3869E-004 * x + 7.9236E-006$$

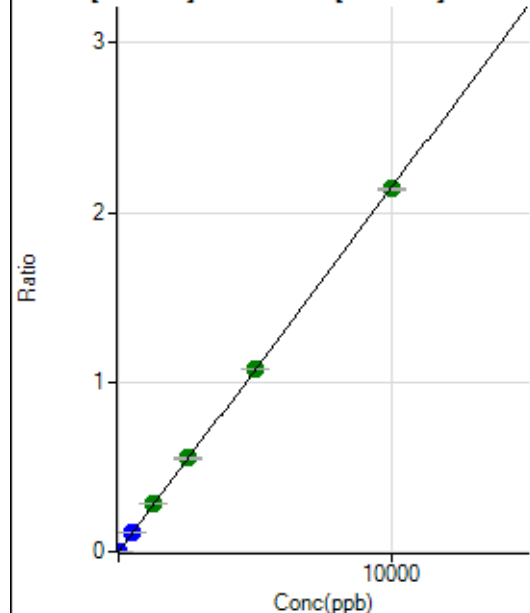
$$R = 1.0000$$

$$DL = 0.004366$$

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	145.56	0.0000	P	11.9
2	☐	5.000	5.511	14562.87	0.0012	P	3.1
3	☐	500.000	537.362	1273790.67	0.1153	P	5.8
4	☐	1250.000	1311.717	3178173.91	0.2815	A	0.9
5	☐	2500.000	2566.560	6071254.70	0.5508	A	1.9
6	☐	5000.000	5015.517	11613948.99	1.0764	A	0.6
7	☐	10000.000	9966.019	22372096.05	2.1388	A	0.3
8	☐			4476.29	0.0004	P	4.7

$$y = 2.1461\text{E-}004 * x + 1.2223\text{E-}005$$

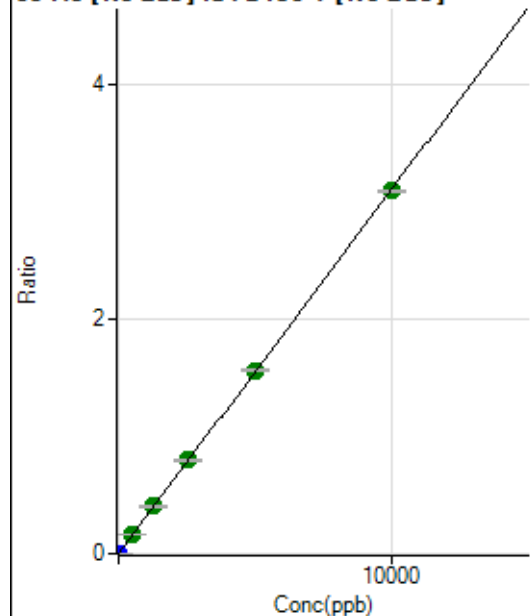
$$R = 1.0000$$

$$DL = 0.02037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.00	0.0000	P	32.5
2	☐	5.000	4.710	17925.50	0.0015	P	2.3
3	☐	500.000	528.959	1816120.27	0.1644	A	5.4
4	☐	1250.000	1298.445	4556266.98	0.4036	A	0.8
5	☐	2500.000	2566.193	8791694.04	0.7976	A	1.9
6	☐	5000.000	5024.851	16851236.14	1.5618	A	0.8
7	☐	10000.000	9963.523	32391752.57	3.0968	A	0.7
8	☐			4172.86	0.0004	P	5.4

$$y = 3.1081\text{E-}004 * x + 6.7080\text{E-}006$$

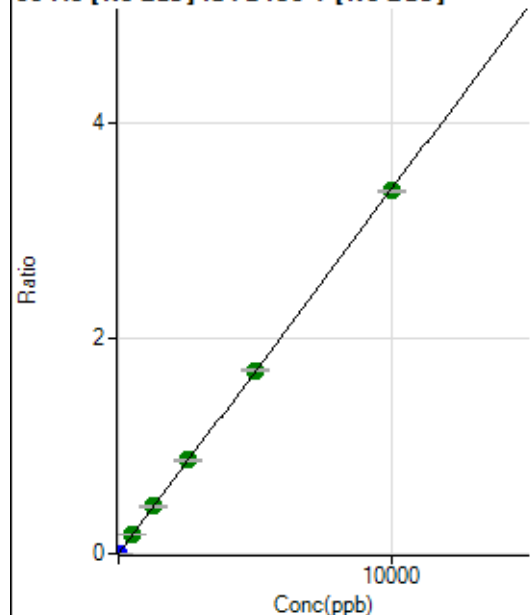
$$R = 1.0000$$

$$DL = 0.02102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0000	P	14.4
2	☐	5.000	4.823	20029.31	0.0016	P	1.3
3	☐	500.000	536.783	2008487.77	0.1818	A	4.6
4	☐	1250.000	1303.951	4984149.30	0.4415	A	2.0
5	☐	2500.000	2577.951	9622185.97	0.8729	A	1.6
6	☐	5000.000	5035.066	18396024.45	1.7050	A	0.7
7	☐	10000.000	9954.397	35256897.53	3.3707	A	0.7
8	☐			13080.42	0.0013	P	5.5

$$y = 3.3861E-004 * x + 9.8941E-006$$

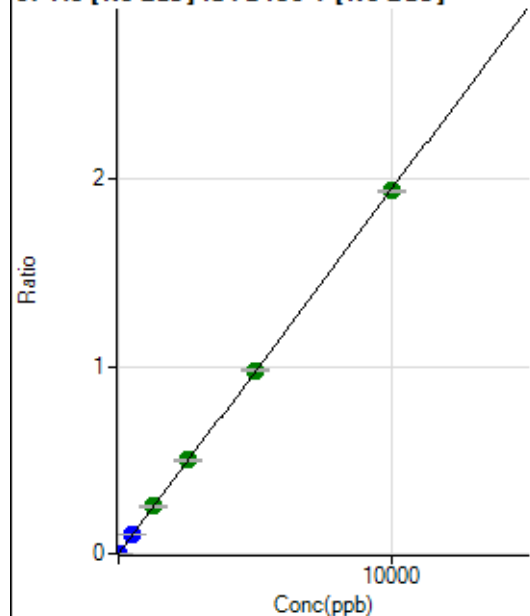
$$R = 1.0000$$

$$DL = 0.01261$$

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	50.00	0.0000	P	52.6
2	☐	5.000	4.574	10895.25	0.0009	P	3.2
3	☐	500.000	536.600	1152402.17	0.1043	P	5.5
4	☐	1250.000	1293.853	2839615.13	0.2516	A	1.9
5	☐	2500.000	2569.653	5506504.98	0.4996	A	2.5
6	☐	5000.000	5031.423	10554469.43	0.9782	A	1.2
7	☐	10000.000	9959.564	20253605.53	1.9363	A	0.7
8	☐			2576.92	0.0003	P	11.5

$$y = 1.9442E-004 * x + 4.2085E-006$$

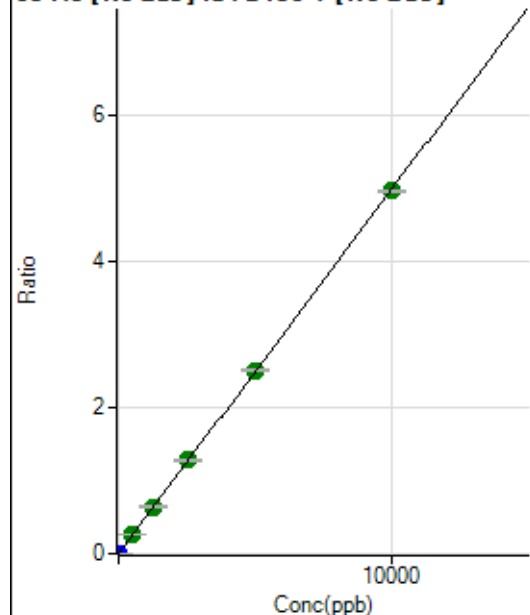
$$R = 1.0000$$

$$DL = 0.03415$$

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	112.22	0.0000	P	7.6
2	☐	5.000	4.683	28571.33	0.0023	P	1.0
3	☐	500.000	531.507	2926500.96	0.2650	A	5.8
4	☐	1250.000	1291.904	7270461.84	0.6440	A	0.7
5	☐	2500.000	2570.593	14124113.40	1.2814	A	1.9
6	☐	5000.000	5026.206	27032357.66	2.5054	A	1.2
7	☐	10000.000	9962.436	51943079.22	4.9660	A	0.9
8	☐			6059.09	0.0006	P	4.2

$$y = 4.9848\text{E-}004 * x + 9.4245\text{E-}006$$

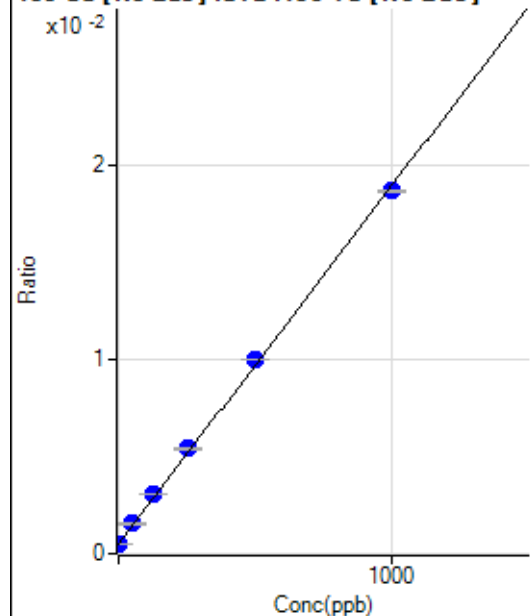
$$R = 1.0000$$

$$DL = 0.004322$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5117.62	0.0005	P	2.6
2	☐	1.000	0.972	5386.61	0.0005	P	3.6
3	☐	50.000	58.148	15074.61	0.0016	P	6.0
4	☐	125.000	139.250	30553.26	0.0031	P	1.5
5	☐	250.000	266.146	53530.36	0.0054	P	1.4
6	☐	500.000	514.454	97205.71	0.0100	P	0.5
7	☐	1000.000	986.548	177688.99	0.0187	P	0.7
8	☐			4497.42	0.0005	P	4.1

$$y = 1.8469\text{E-}005 * x + 4.9649\text{E-}004$$

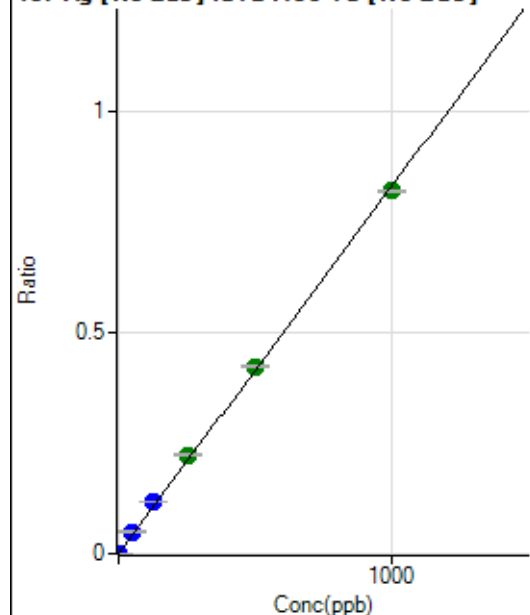
$$R = 0.9996$$

$$DL = 2.136$$

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	114.45	0.0000	P	5.2
2	☐	1.000	1.011	8898.35	0.0009	P	1.4
3	☐	50.000	59.339	472594.45	0.0493	P	6.8
4	☐	125.000	142.298	1175989.39	0.1181	P	1.0
5	☐	250.000	267.586	2196073.66	0.2221	A	1.9
6	☐	500.000	509.348	4109278.59	0.4227	A	1.1
7	☐	1000.000	988.300	7785661.69	0.8201	A	0.3
8	☐			1430.09	0.0002	P	8.4

$$y = 8.2981\text{E-}004 * x + 1.1104\text{E-}005$$

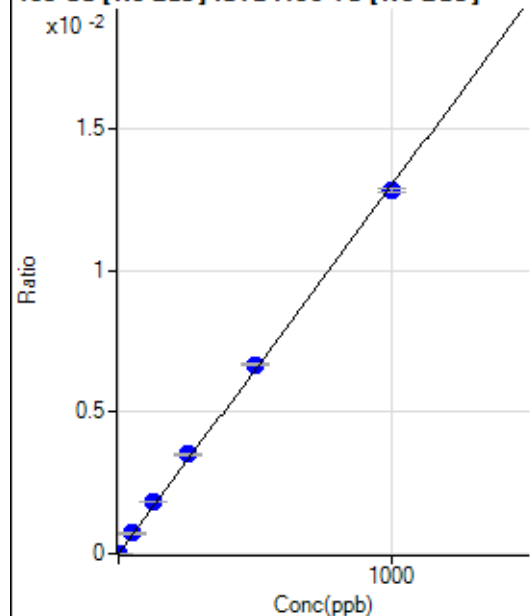
$$R = 0.9997$$

$$DL = 0.002073$$

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	18.89	0.0000	P	35.9
2	☐	1.000	1.125	172.22	0.0000	P	17.8
3	☐	50.000	56.635	7062.89	0.0007	P	10.2
4	☐	125.000	139.617	18064.65	0.0018	P	1.7
5	☐	250.000	270.362	34722.57	0.0035	P	2.7
6	☐	500.000	514.239	64918.66	0.0067	P	0.5
7	☐	1000.000	985.631	121476.37	0.0128	P	1.0
8	☐			83.33	0.0000	P	20.4

$$y = 1.2981\text{E-}005 * x + 1.8289\text{E-}006$$

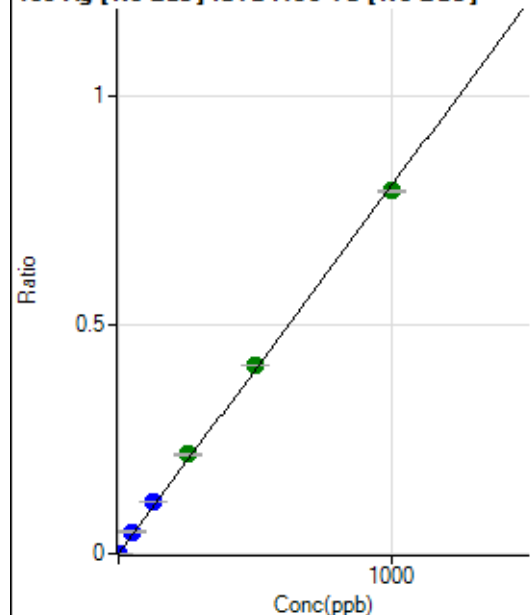
$$R = 0.9996$$

$$DL = 0.1517$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	32.7
2	☐	1.000	0.989	8339.14	0.0008	P	4.3
3	☐	50.000	58.719	452363.68	0.0471	P	6.2
4	☐	125.000	141.872	1133825.56	0.1139	P	1.6
5	☐	250.000	270.378	2146299.08	0.2170	A	1.3
6	☐	500.000	512.411	3998382.02	0.4113	A	0.8
7	☐	1000.000	986.155	7513573.57	0.7915	A	0.7
8	☐			1334.52	0.0001	P	8.7

$$y = 8.0259\text{E-}004 * x + 3.8752\text{E-}006$$

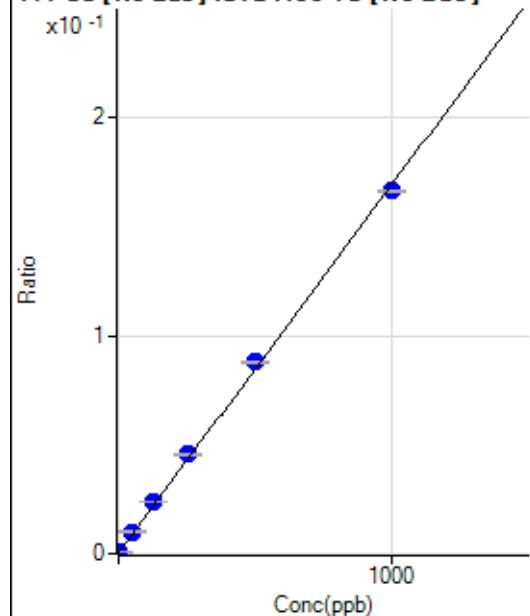
$$R = 0.9996$$

$$DL = 0.004735$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3588.00	0.0003	P	2.6
2	☐	1.000	1.079	5551.32	0.0005	P	1.9
3	☐	50.000	57.700	96877.68	0.0101	P	6.0
4	☐	125.000	139.997	238904.27	0.0240	P	1.5
5	☐	250.000	268.438	451818.75	0.0457	P	1.9
6	☐	500.000	518.144	854182.87	0.0879	P	0.8
7	☐	1000.000	984.059	1581069.11	0.1665	P	0.9
8	☐			3866.55	0.0004	P	2.5

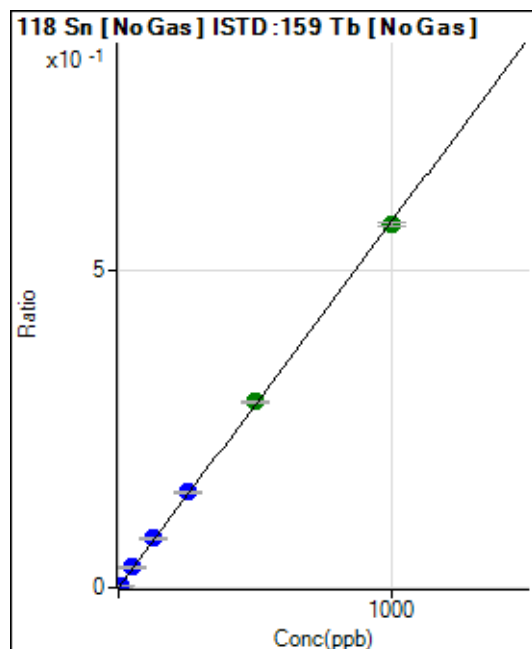
$$y = 1.6889\text{E-}004 * x + 3.4809\text{E-}004$$

$$R = 0.9995$$

$$DL = 0.1601$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.79	0.0000	P	8.8
2	☐	5.000	4.986	30575.77	0.0029	P	1.4
3	☐	50.000	55.699	309597.61	0.0323	P	5.7
4	☐	125.000	134.288	773694.62	0.0777	P	1.5
5	☐	250.000	260.157	1488378.19	0.1505	P	1.7
6	☐	500.000	509.229	2863533.15	0.2945	A	1.0
7	☐	1000.000	991.400	5443196.38	0.5734	A	1.0
8	☐			3766.08	0.0004	P	7.2

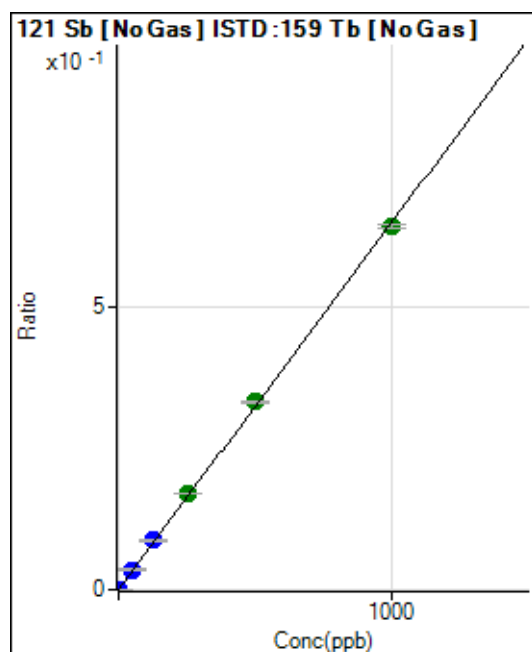
$$y = 5.7833\text{E-}004 * x + 3.8602\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0177$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	24.1
2	☐	2.000	1.974	13534.21	0.0013	P	2.3
3	☐	50.000	54.790	342218.95	0.0357	P	6.7
4	☐	125.000	134.265	870128.81	0.0874	P	1.0
5	☐	250.000	262.376	1688754.56	0.1708	A	1.6
6	☐	500.000	513.480	3248720.30	0.3342	A	1.0
7	☐	1000.000	988.768	6108286.09	0.6435	A	0.9
8	☐			2261.31	0.0002	P	15.9

$$y = 6.5075\text{E-}004 * x + 8.6112\text{E-}006$$

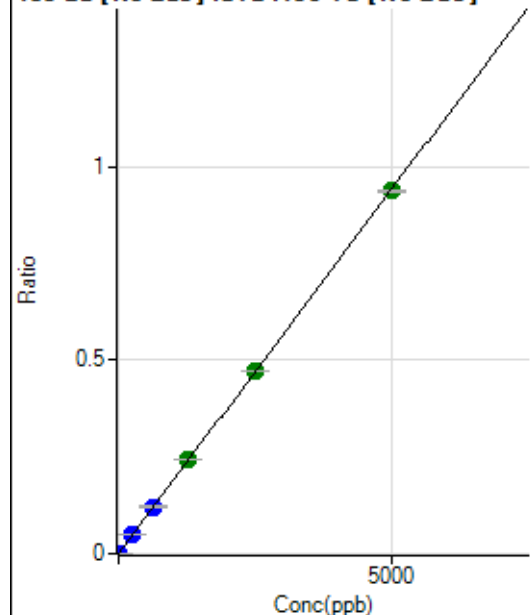
$$R = 0.9998$$

$$DL = 0.00958$$

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	43.33	0.0000	P	32.7
2	☐	10.000	9.426	18620.03	0.0018	P	1.8
3	☐	250.000	264.551	478233.34	0.0498	P	6.2
4	☐	625.000	644.918	1209463.50	0.1215	P	1.4
5	☐	1250.000	1293.958	2410471.44	0.2437	A	1.0
6	☐	2500.000	2510.600	4597086.60	0.4728	A	0.3
7	☐	5000.000	4980.495	8904765.56	0.9380	A	0.6
8	☐			4221.78	0.0005	P	5.2

$$y = 1.8833\text{E-}004 * x + 4.1962\text{E-}006$$

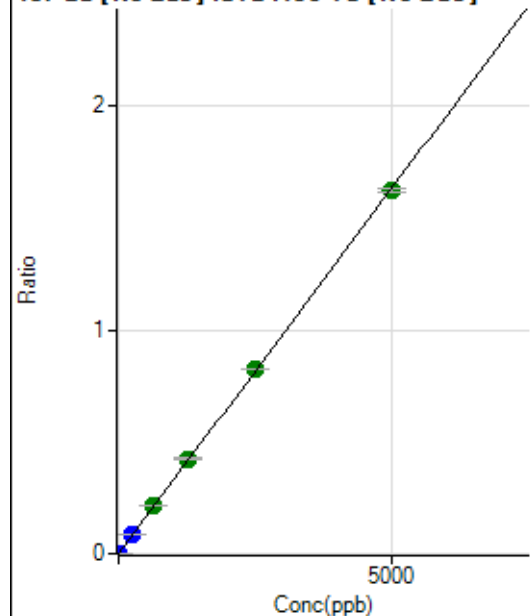
$$R = 1.0000$$

$$DL = 0.02183$$

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	43.34	0.0000	P	35.4
2	☐	10.000	9.414	32186.42	0.0031	P	3.0
3	☐	250.000	266.523	834624.33	0.0870	P	6.6
4	☐	625.000	659.027	2141284.79	0.2151	A	2.0
5	☐	1250.000	1295.984	4182407.37	0.4229	A	2.2
6	☐	2500.000	2527.771	8019192.52	0.8248	A	0.9
7	☐	5000.000	4969.540	15394302.13	1.6216	A	0.9
8	☐			7635.45	0.0008	P	6.1

$$y = 3.2631\text{E-}004 * x + 4.2042\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01369$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

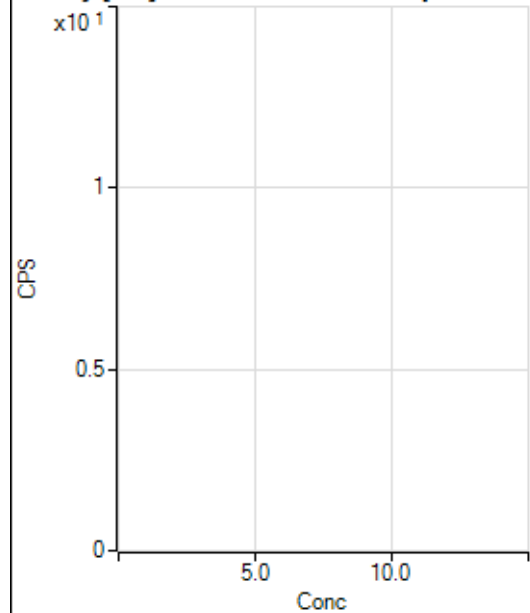
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐			13.33		P	NaN
3	☐			72.22		P	39.8
4	☐			151.11		P	6.4
5	☐			301.12		P	9.5
6	☐			582.24		P	6.9
7	☐			1138.95		P	1.7
8	☐			296.68		P	5.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	65.5
3	☐			15.55		P	86.6
4	☐			38.89		P	13.1
5	☐			65.56		P	7.8
6	☐			94.44		P	15.9
7	☐			205.56		P	25.1
8	☐			146.67		P	14.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			5.56		P	91.6
3	☐			34.44		P	22.3
4	☐			90.00		P	19.2
5	☐			160.01		P	23.7
6	☐			294.45		P	11.3
7	☐			530.02		P	3.1
8	☐			1483.43		P	1.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			7.78		P	89.2
3	☐			32.22		P	29.8
4	☐			60.00		P	14.7
5	☐			122.22		P	20.1
6	☐			270.01		P	8.6
7	☐			544.46		P	5.6
8	☐			956.71		P	6.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	8.7
2	☐			65.56		P	2.9
3	☐			62.22		P	6.2
4	☐			66.67		P	30.4
5	☐			146.67		P	33.5
6	☐			251.12		P	8.1
7	☐			441.12		P	5.5
8	☐			1538.99		P	4.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			256.67		P	1.3
2	☐			294.45		P	11.5
3	☐			306.68		P	18.5
4	☐			297.78		P	12.4
5	☐			322.23		P	12.9
6	☐			404.46		P	7.5
7	☐			477.79		P	11.7
8	☐			1184.51		P	5.6

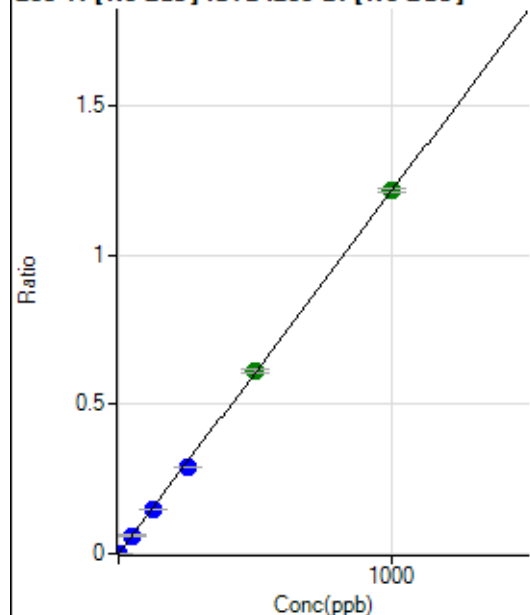
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			78.89		P	33.9
2	☐			76.67		P	4.4
3	☐			73.33		P	15.7
4	☐			61.11		P	25.8
5	☐			88.89		P	5.7
6	☐			116.67		P	14.3
7	☐			158.89		P	12.1
8	☐			222.22		P	10.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	30.0
2	☐			40.00		P	30.0
3	☐			50.00		P	20.0
4	☐			38.89		P	19.8
5	☐			53.33		P	27.2
6	☐			70.00		P	12.6
7	☐			100.00		P	6.7
8	☐			143.33		P	8.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	257.78	0.0000	P	6.9
2	☐	1.000	0.861	6456.03	0.0011	P	1.9
3	☐	50.000	50.121	323558.53	0.0610	P	6.5
4	☐	125.000	121.946	829124.12	0.1483	P	1.2
5	☐	250.000	238.407	1625965.20	0.2898	P	0.3
6	☐	500.000	504.430	3311377.52	0.6132	A	1.6
7	☐	1000.000	1001.059	6315837.89	1.2168	A	1.2
8	☐			782.26	0.0002	P	1.7

$$y = 0.0012 * x + 4.4125E-005$$

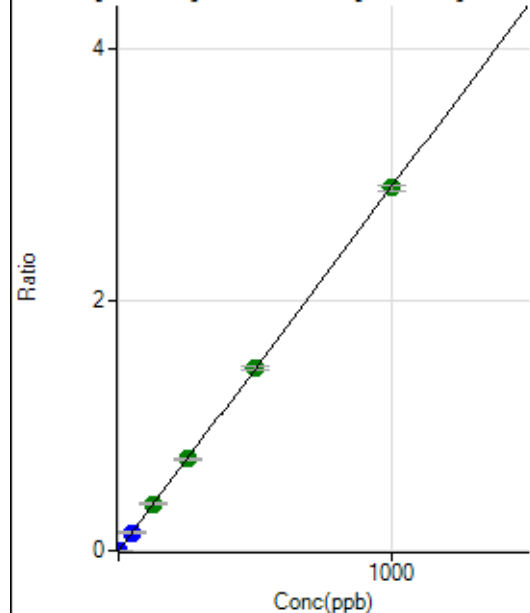
$$R = 0.9999$$

$$DL = 0.007526$$

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	530.02	0.0001	P	2.7
2	☐	1.000	0.863	15365.43	0.0026	P	0.8
3	☐	50.000	49.839	768465.26	0.1447	P	5.5
4	☐	125.000	128.841	2091710.92	0.3740	A	1.1
5	☐	250.000	251.293	4092427.61	0.7294	A	0.2
6	☐	500.000	503.632	7894509.88	1.4618	A	1.9
7	☐	1000.000	997.389	15025992.28	2.8949	A	1.4
8	☐			1785.69	0.0004	P	6.7

$$y = 0.0029 * x + 9.0675E-005$$

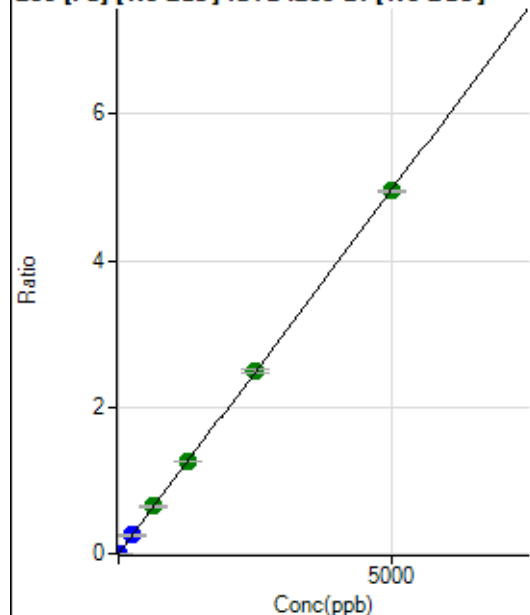
$$R = 1.0000$$

$$DL = 0.002527$$

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	327.79	0.0001	P	9.3
2	☐	1.000	0.877	5478.94	0.0009	P	1.2
3	☐	250.000	251.489	1325360.41	0.2496	P	5.6
4	☐	625.000	650.441	3610266.68	0.6456	A	1.5
5	☐	1250.000	1262.558	7030025.73	1.2531	A	0.4
6	☐	2500.000	2508.720	13446123.83	2.4898	A	1.8
7	☐	5000.000	4989.246	25701978.23	4.9516	A	0.8
8	☐			9696.87	0.0021	P	6.8

$$y = 9.9244\text{E-}004 * x + 5.6030\text{E-}005$$

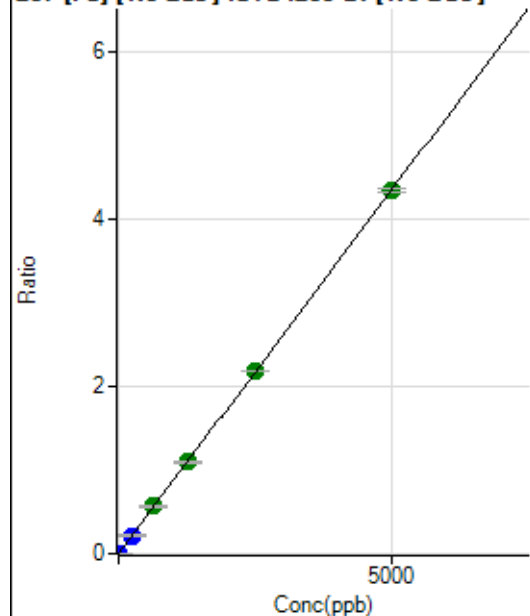
$$R = 1.0000$$

$$DL = 0.01579$$

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	268.89	0.0000	P	13.9
2	☐	1.000	0.874	4775.32	0.0008	P	1.6
3	☐	250.000	249.351	1152855.85	0.2171	P	5.2
4	☐	625.000	649.839	3163864.01	0.5658	A	1.2
5	☐	1250.000	1260.996	6158991.44	1.0978	A	1.1
6	☐	2500.000	2508.234	11793115.10	2.1836	A	0.7
7	☐	5000.000	4990.062	22548688.00	4.3442	A	1.1
8	☐			8118.07	0.0018	P	6.4

$$y = 8.7055\text{E-}004 * x + 4.5972\text{E-}005$$

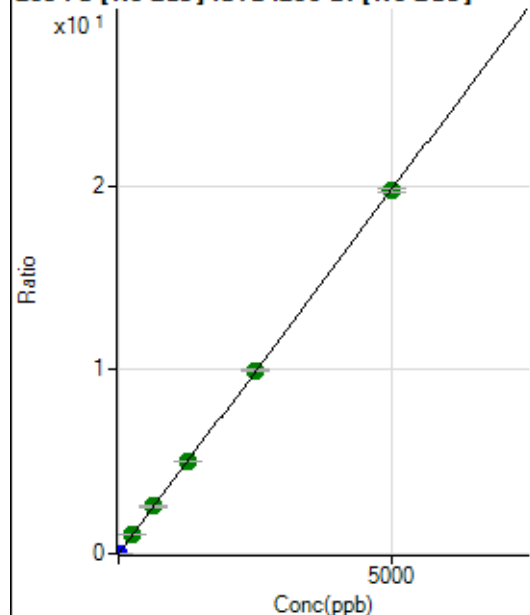
$$R = 1.0000$$

$$DL = 0.02208$$

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	1374.49	0.0002	P	2.4
2	☐	1.000	0.874	21880.42	0.0037	P	2.5
3	☐	250.000	258.702	5442532.43	1.0251	A	5.6
4	☐	625.000	648.131	14360904.05	2.5680	A	0.7
5	☐	1250.000	1261.655	28043581.81	4.9986	A	0.6
6	☐	2500.000	2518.224	53881581.00	9.9768	A	1.0
7	☐	5000.000	4984.648	102503257.0	19.7481	A	1.1
8	☐			38163.57	0.0084	P	5.9

$$y = 0.0040 * x + 2.3512E-004$$

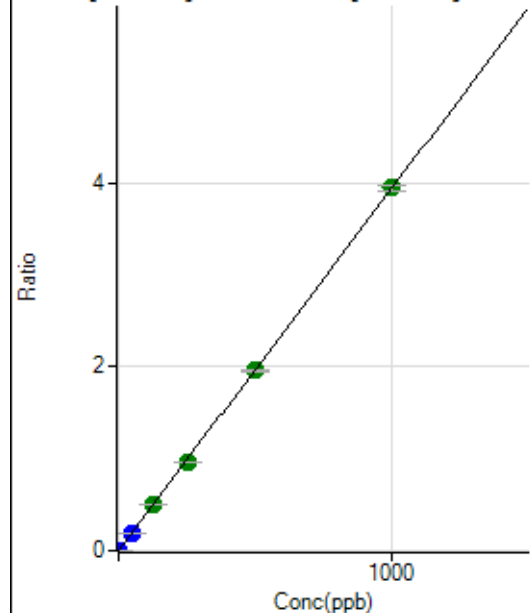
$$R = 1.0000$$

$$DL = 0.004329$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	42.7
2	☐	1.000	0.825	19217.28	0.0032	P	1.9
3	☐	50.000	46.778	977239.84	0.1840	P	5.2
4	☐	125.000	126.221	2777184.85	0.4966	A	0.7
5	☐	250.000	245.566	5420284.37	0.9662	A	1.0
6	☐	500.000	497.277	10565969.08	1.9565	A	1.7
7	☐	1000.000	1002.478	20470794.56	3.9441	A	1.9
8	☐			5414.49	0.0012	P	5.6

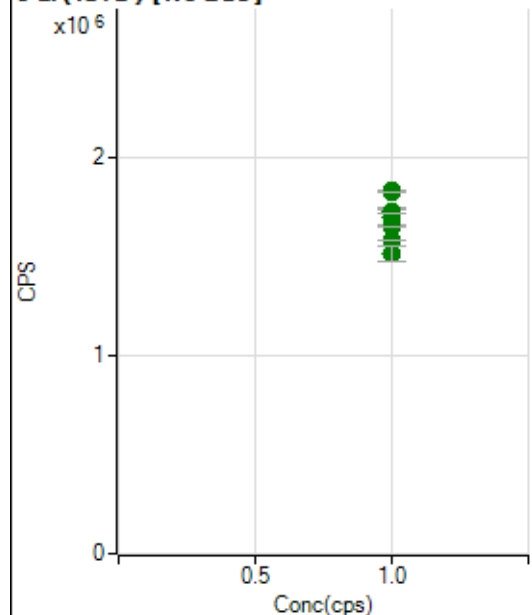
$$y = 0.0039 * x + 3.0369E-006$$

$$R = 1.0000$$

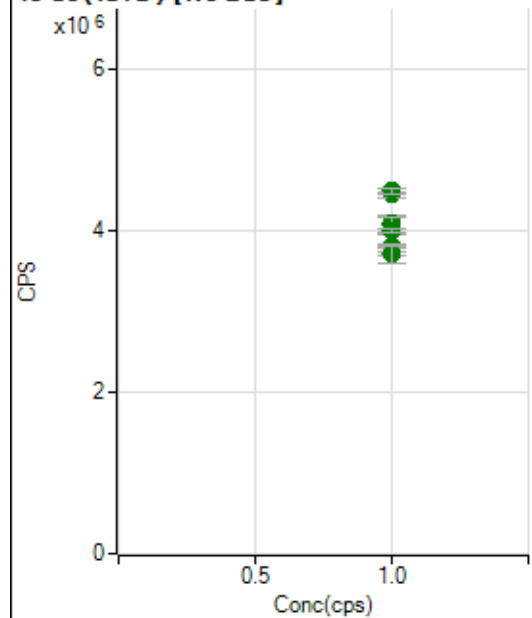
$$DL = 0.0009885$$

Weight: <None>

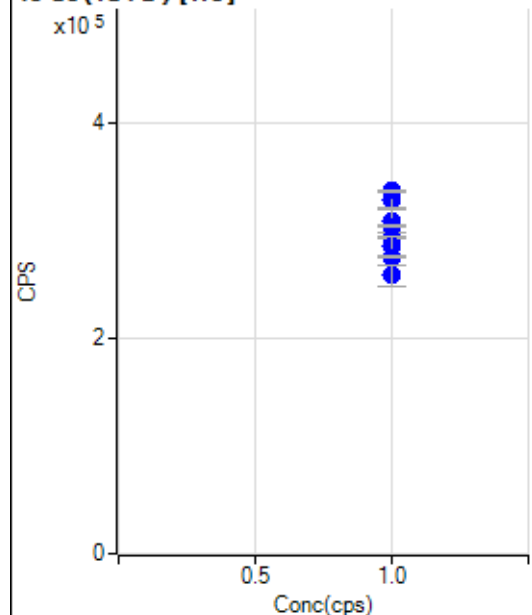
Min Conc: 0

6 Li (ISTD) [No Gas]

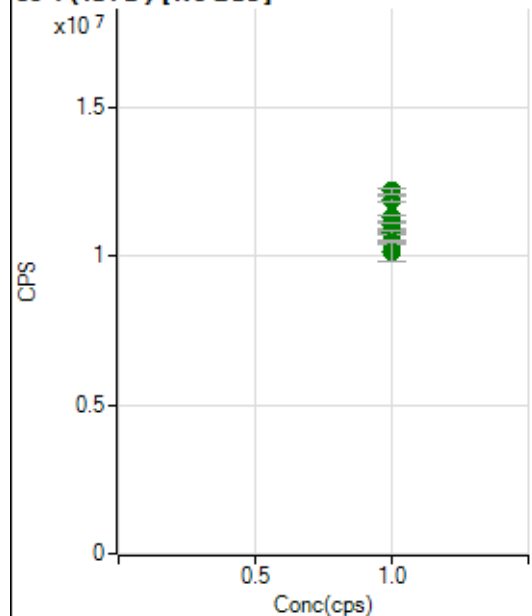
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1831101.15		A	0.8
2	☐	1.000		1826815.55		A	0.2
3	☐	1.000		1702268.90		A	4.9
4	☐	1.000		1729875.27		A	1.2
5	☐	1.000		1718172.01		A	0.3
6	☐	1.000		1646795.32		A	0.1
7	☐	1.000		1580582.82		A	0.2
8	☐	1.000		1512248.94		A	5.0

45 Sc (ISTD) [No Gas]

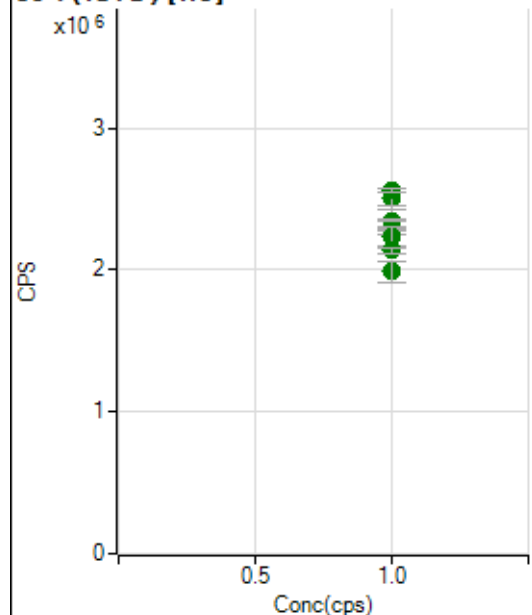
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4451603.02		A	1.5
2	☐	1.000		4496013.44		A	1.8
3	☐	1.000		4079064.28		A	6.1
4	☐	1.000		4094862.72		A	3.4
5	☐	1.000		4007382.65		A	1.4
6	☐	1.000		3815918.73		A	1.4
7	☐	1.000		3721160.78		A	1.1
8	☐	1.000		3705712.65		A	5.3

45 Sc (ISTD) [He]

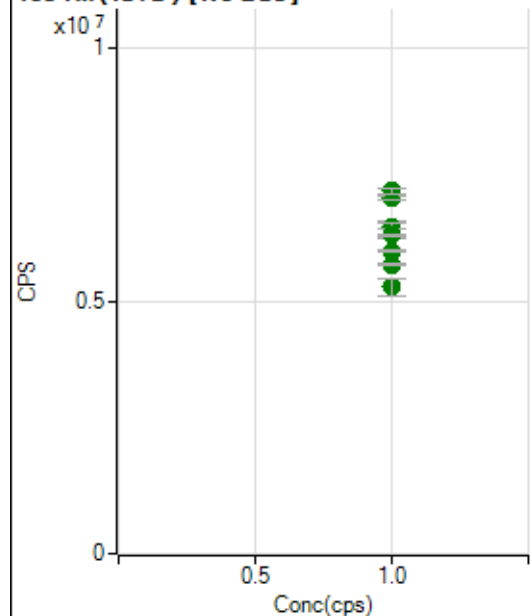
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		327621.60		P	5.4
2	☐	1.000		336423.68		P	0.8
3	☐	1.000		309259.94		P	7.7
4	☐	1.000		303374.79		P	0.5
5	☐	1.000		293127.70		P	0.5
6	☐	1.000		285345.36		P	6.4
7	☐	1.000		275034.71		P	0.7
8	☐	1.000		257821.12		P	7.6

89 Y (ISTD) [No Gas]

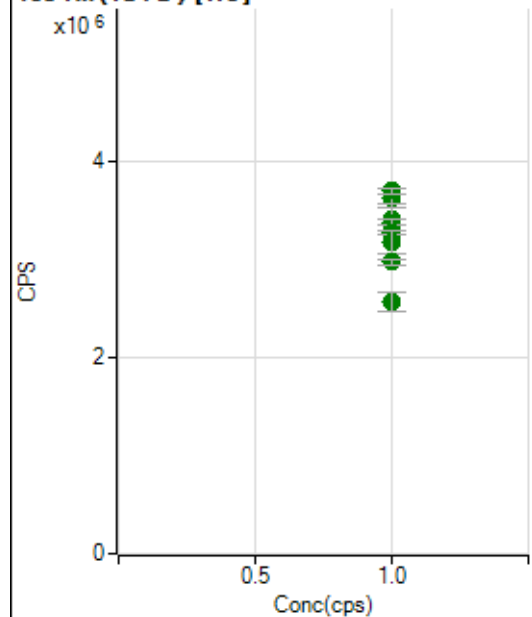
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11916098.99		A	1.4
2	☐	1.000		12191966.76		A	1.5
3	☐	1.000		11066579.90		A	5.2
4	☐	1.000		11290428.30		A	1.7
5	☐	1.000		11024955.53		A	2.0
6	☐	1.000		10790103.45		A	0.8
7	☐	1.000		10460319.36		A	1.1
8	☐	1.000		10127981.44		A	6.4

89 Y(ISTD) [He]

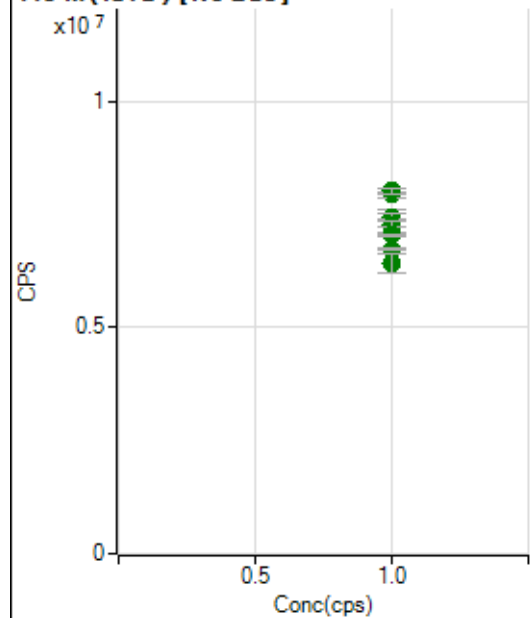
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2505535.85		A	6.0
2	☐	1.000		2557175.15		A	0.9
3	☐	1.000		2351136.63		A	8.1
4	☐	1.000		2348710.63		A	0.4
5	☐	1.000		2281345.33		A	0.5
6	☐	1.000		2238745.05		A	6.2
7	☐	1.000		2134920.61		A	1.4
8	☐	1.000		1987179.69		A	7.3

103 Rh(ISTD) [No Gas]

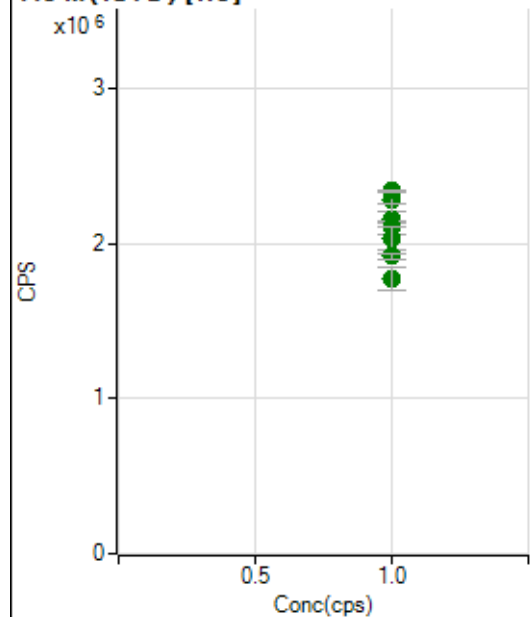
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7059037.67		A	1.1
2	☐	1.000		7184262.26		A	1.7
3	☐	1.000		6430242.47		A	5.2
4	☐	1.000		6484321.92		A	1.7
5	☐	1.000		6303988.59		A	1.0
6	☐	1.000		5991734.42		A	0.2
7	☐	1.000		5723623.46		A	0.8
8	☐	1.000		5281588.71		A	6.1

103 Rh (ISTD) [He]

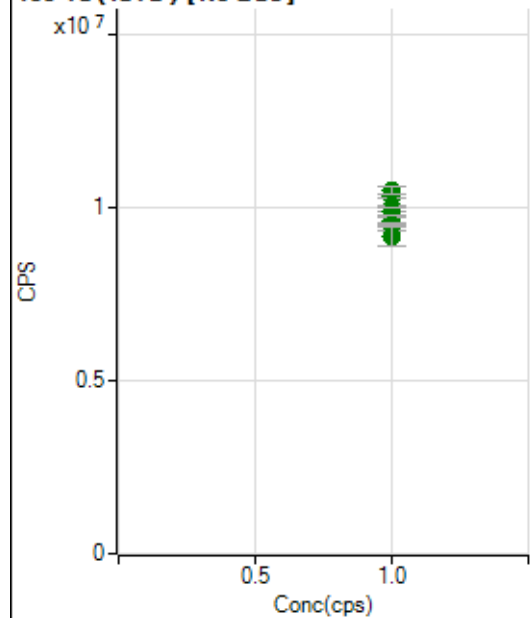
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3621475.09		A	5.7
2	☐	1.000		3691473.76		A	1.8
3	☐	1.000		3402911.20		A	9.0
4	☐	1.000		3374312.90		A	1.8
5	☐	1.000		3267066.10		A	0.7
6	☐	1.000		3167755.54		A	7.2
7	☐	1.000		2965958.81		A	1.7
8	☐	1.000		2562757.20		A	7.9

115 In (ISTD) [No Gas]

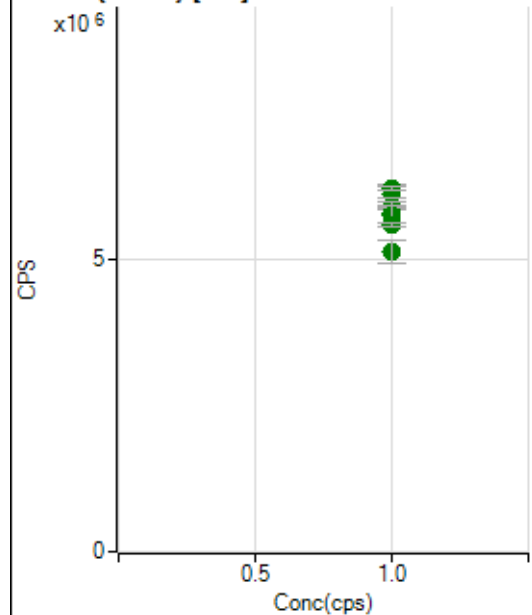
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7931075.87		A	1.4
2	☐	1.000		8015205.73		A	1.4
3	☐	1.000		7356281.96		A	7.1
4	☐	1.000		7453608.14		A	1.4
5	☐	1.000		7283329.07		A	1.4
6	☐	1.000		7033168.67		A	0.5
7	☐	1.000		6728527.07		A	0.9
8	☐	1.000		6406879.51		A	6.6

115 In (ISTD) [He]

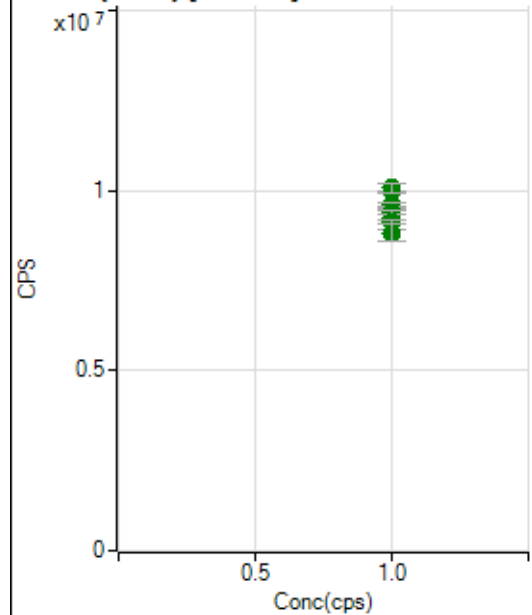
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2277002.18		A	6.3
2	☐	1.000		2341058.03		A	0.7
3	☐	1.000		2161534.14		A	9.3
4	☐	1.000		2142963.37		A	0.8
5	☐	1.000		2109391.62		A	0.4
6	☐	1.000		2035316.89		A	7.0
7	☐	1.000		1921634.75		A	1.8
8	☐	1.000		1771475.38		A	8.1

159 Tb (ISTD) [No Gas]

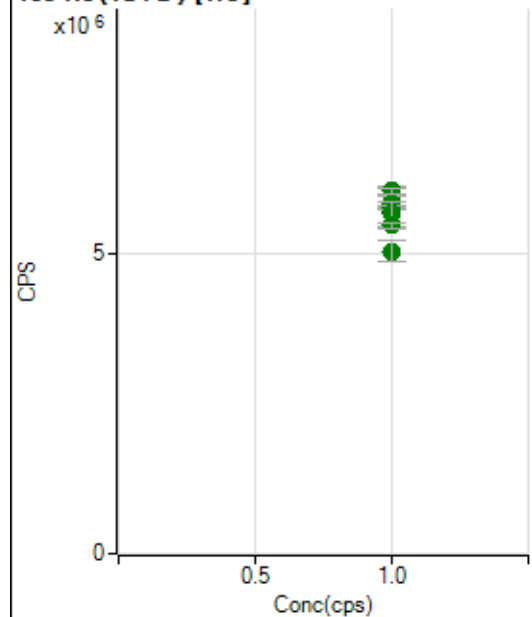
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10309073.53		A	0.8
2	☐	1.000		10465580.05		A	2.2
3	☐	1.000		9620708.75		A	5.8
4	☐	1.000		9958938.81		A	1.8
5	☐	1.000		9892474.50		A	2.3
6	☐	1.000		9722567.77		A	0.8
7	☐	1.000		9493381.94		A	0.7
8	☐	1.000		9144718.06		A	6.3

159 Tb (ISTD) [He]

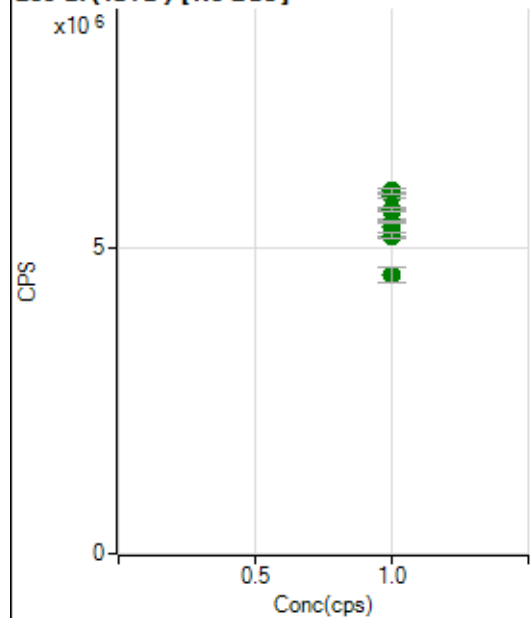
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6096516.30		A	5.5
2	☐	1.000		6197511.50		A	1.1
3	☐	1.000		5792629.26		A	8.4
4	☐	1.000		5857028.17		A	0.2
5	☐	1.000		5894851.30		A	0.1
6	☐	1.000		5763424.91		A	7.3
7	☐	1.000		5580974.92		A	0.8
8	☐	1.000		5120256.21		A	7.2

165 Ho (ISTD) [No Gas]

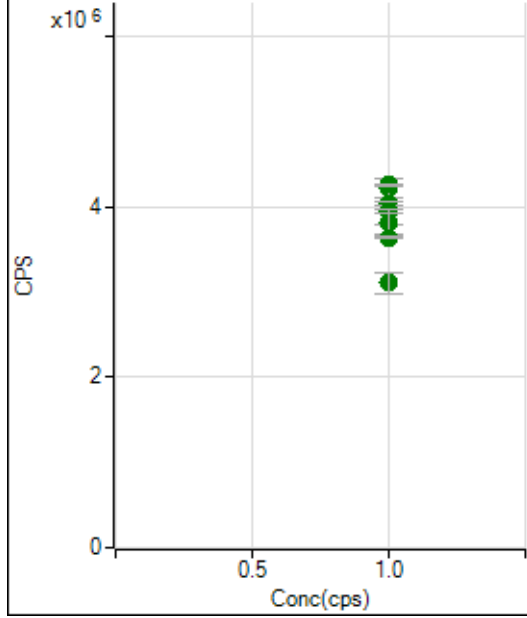
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9991057.98		A	0.5
2	☐	1.000		10088393.60		A	2.9
3	☐	1.000		9242644.59		A	6.8
4	☐	1.000		9510073.05		A	0.7
5	☐	1.000		9642891.24		A	1.0
6	☐	1.000		9405461.60		A	1.4
7	☐	1.000		9161633.13		A	1.1
8	☐	1.000		8848154.87		A	5.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5977750.12		A	5.2
2	☐	1.000		6057630.26		A	1.3
3	☐	1.000		5726467.83		A	8.8
4	☐	1.000		5830094.36		A	1.4
5	☐	1.000		5778255.68		A	1.4
6	☐	1.000		5699074.43		A	6.3
7	☐	1.000		5482779.16		A	1.5
8	☐	1.000		5046878.29		A	7.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5844731.09		A	1.6
2	☐	1.000		5917892.20		A	1.8
3	☐	1.000		5319137.84		A	5.1
4	☐	1.000		5592545.06		A	0.8
5	☐	1.000		5610353.25		A	0.8
6	☐	1.000		5400949.78		A	0.7
7	☐	1.000		5191095.48		A	1.4
8	☐	1.000		4549045.31		A	5.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4221915.28		A	5.3
2	☐	1.000		4258010.25		A	0.5
3	☐	1.000		3947411.99		A	8.2
4	☐	1.000		4041912.37		A	0.9
5	☐	1.000		3946621.12		A	0.7
6	☐	1.000		3808845.64		A	6.8
7	☐	1.000		3637708.62		A	0.8
8	☐	1.000		3104650.86		A	7.5