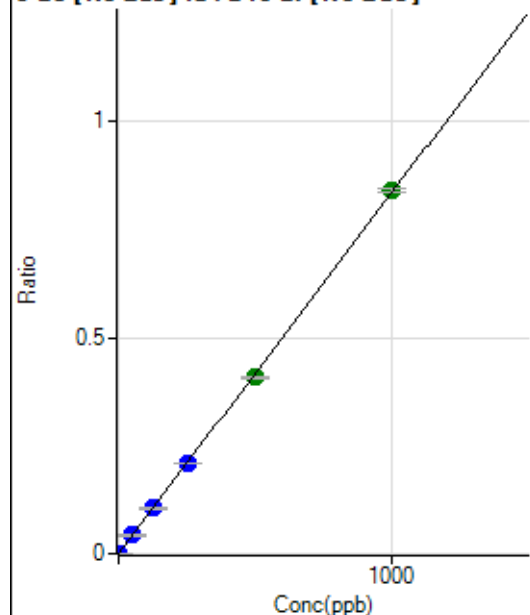


Calibration for 003CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7060322-MS.b\
 Analysis File: P7060322-MS.batch.bin
 DA Date-Time: 2022-06-04 13:42:48
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-06-03 16:49:41
2	004CALS.d	S01	2022-06-03 16:52:35
3	006CALS.d	S02	2022-06-03 16:58:20
4	007CALS.d	S03	2022-06-03 17:01:12
5	008CALS.d	S04	2022-06-03 17:03:58
6	009CALS.d	S05	2022-06-03 17:06:43
7	010CALS.d	S06	2022-06-03 17:09:29
8	011CALS.d	S07	2022-06-03 17:12:15
9	012CALS.d	S08	2022-06-03 17:15:02

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0000	P	28.9
2	☐	0.100	0.083	286.67	0.0001	P	9.8
3	☐	1.000	1.004	2668.03	0.0009	P	3.0
4	☐	50.000	50.962	132647.94	0.0426	P	1.8
5	☐	125.000	125.491	327782.98	0.1048	P	1.3
6	☐	250.000	251.819	644693.18	0.2104	P	0.7
7	☐	500.000	487.924	1258906.91	0.4076	A	1.7
8	☐	1000.000	1005.474	2494582.86	0.8398	A	0.9
9	☐			694.47	0.0002	P	17.6

$$y = 8.3523\text{E-}004 * x + 2.4920\text{E-}005$$

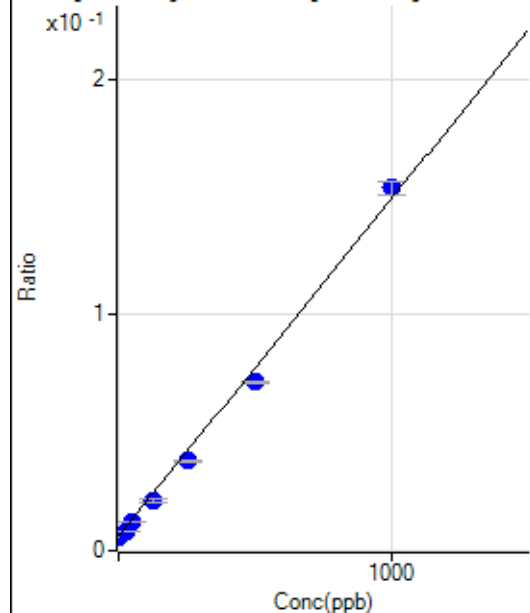
$$R = 0.9999$$

$$DL = 0.02585$$

$$BEC = 0.02984$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18394.67	0.0062	P	1.9
2	☐	2.500	-1.351	18185.95	0.0060	P	2.8
3	☐	25.000	12.750	24642.23	0.0080	P	2.3
4	☐	50.000	40.974	37409.63	0.0120	P	2.7
5	☐	125.000	105.366	66325.57	0.0212	P	5.7
6	☐	250.000	223.484	116852.97	0.0381	P	2.3
7	☐	500.000	455.747	220452.79	0.0713	P	1.4
8	☐	1000.000	1031.977	456776.53	0.1538	P	3.5
9	☐			29008.31	0.0104	P	8.7

$$y = 1.4304\text{E-}004 * x + 0.0062$$

$$R = 0.9984$$

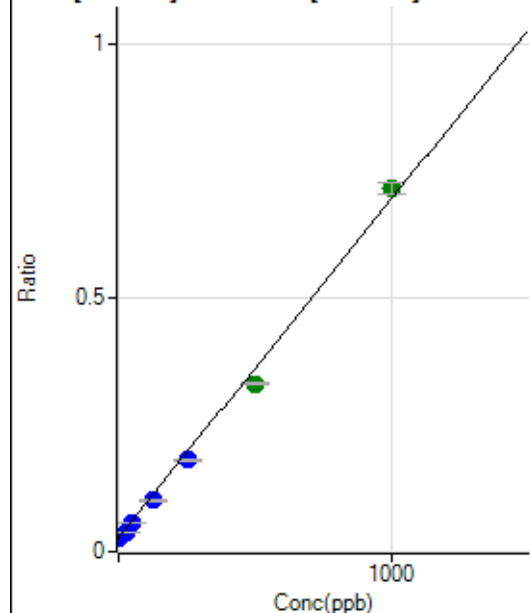
$$DL = 2.402$$

$$BEC = 43$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	84979.80	0.0284	P	1.1
2	☐	2.500	-0.129	86493.59	0.0283	P	0.7
3	☐	25.000	13.746	116114.07	0.0376	P	3.6
4	☐	50.000	43.504	178818.86	0.0574	P	3.7
5	☐	125.000	109.900	317782.26	0.1017	P	4.8
6	☐	250.000	229.241	555451.68	0.1812	P	1.6
7	☐	500.000	454.858	1024533.17	0.3316	A	0.7
8	☐	1000.000	1030.261	2124218.13	0.7151	A	3.3
9	☐			138924.00	0.0496	P	8.1

$$y = 6.6649E-004 * x + 0.0284$$

$$R = 0.9984$$

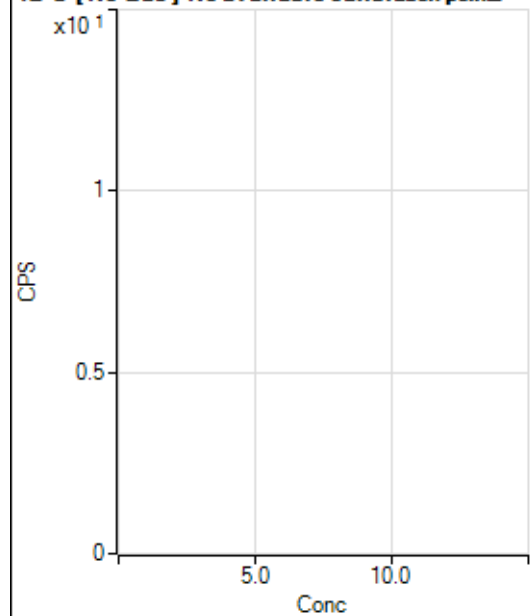
$$DL = 1.429$$

$$BEC = 42.64$$

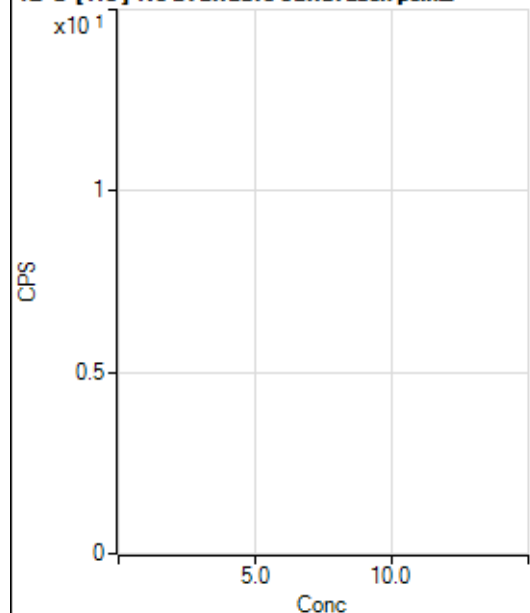
Weight: <None>

Min Conc: 0

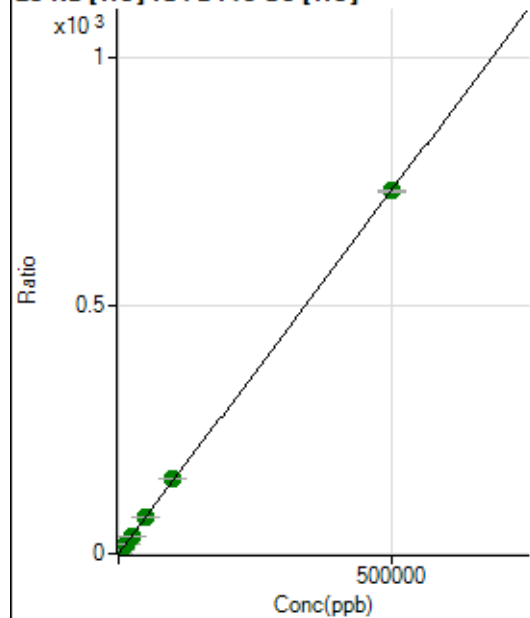
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29522.90	0.0450	P	1.0
2	☐	50.000	48.228	75586.42	0.1157	P	0.9
3	☐	500.000	478.132	487837.46	0.7458	P	0.4
4	☐	5000.000	5037.943	4873192.01	7.4288	A	0.9
5	☐	12500.000	12494.257	11881156.63	18.3571	A	0.8
6	☐	25000.000	24919.635	23234146.58	36.5682	A	0.7
7	☐	50000.000	49922.696	45544242.68	73.2136	A	0.8
8	☐	100000.00	102211.59	93106584.49	149.8502	A	0.5
9	☐	500000.00	499569.21	438304950.54	732.2324	A	0.7

$$y = 0.0015 * x + 0.0450$$

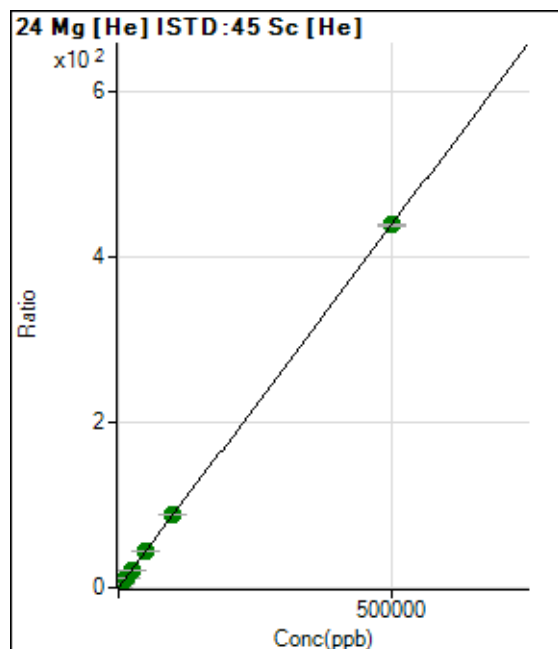
$$R = 1.0000$$

$$DL = 0.9421$$

$$BEC = 30.73$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	814.85	0.0012	P	9.6
2	☐	50.000	49.173	29010.93	0.0444	P	2.0
3	☐	500.000	491.863	283305.04	0.4331	P	1.0
4	☐	5000.000	5002.209	2882085.98	4.3934	A	1.1
5	☐	12500.000	12352.153	7020316.53	10.8471	A	0.7
6	☐	25000.000	24652.176	13753549.61	21.6471	A	0.7
7	☐	50000.000	49380.989	26973557.09	43.3603	A	1.1
8	☐	100000.00	100568.13	54867646.60	88.3053	A	0.2
9	☐	500000.00	499969.34	262782400.32	439.0003	A	0.6

$$y = 8.7805E-004 * x + 0.0012$$

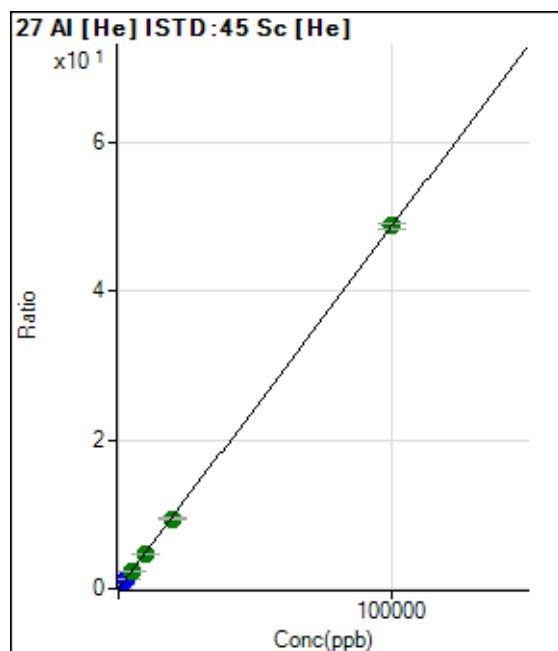
$$R = 1.0000$$

$$DL = 0.408$$

$$BEC = 1.416$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0004	P	8.1
2	☐	2.000	2.069	944.49	0.0014	P	12.4
3	☐	20.000	18.485	6164.30	0.0094	P	2.7
4	☐	1000.000	992.562	316727.21	0.4828	P	1.4
5	☐	2500.000	2414.939	759918.57	1.1741	P	0.6
6	☐	5000.000	4771.060	1473565.31	2.3193	A	0.9
7	☐	10000.000	9440.884	2854621.74	4.5889	A	0.6
8	☐	20000.000	19375.059	5851232.94	9.4170	A	0.6
9	☐	100000.00	100194.54	29150351.58	48.6967	A	1.3

$$y = 4.8602E-004 * x + 4.4071E-004$$

$$R = 1.0000$$

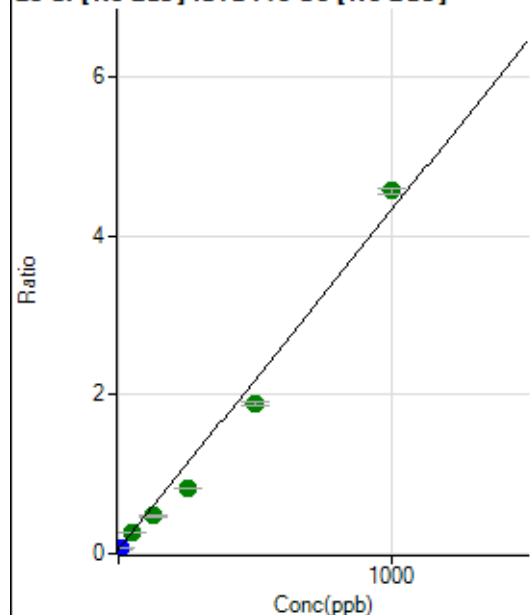
$$DL = 0.2206$$

$$BEC = 0.9068$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425649.05	0.0547	P	0.5
2	☐	1.000	0.343	435962.55	0.0562	P	1.7
3	☐	10.000	2.481	510505.31	0.0653	P	0.4
4	☐	50.000	49.155	2069695.08	0.2647	A	1.1
5	☐	125.000	97.752	3668999.08	0.4724	A	1.2
6	☐	250.000	179.311	6279860.34	0.8209	A	1.6
7	☐	500.000	430.189	14081391.29	1.8928	A	2.2
8	☐	1000.000	1056.102	33829954.23	4.5671	A	1.8
9	☐			678477.36	0.0977	P	1.2

$$y = 0.0043 * x + 0.0547$$

$$R = 0.9941$$

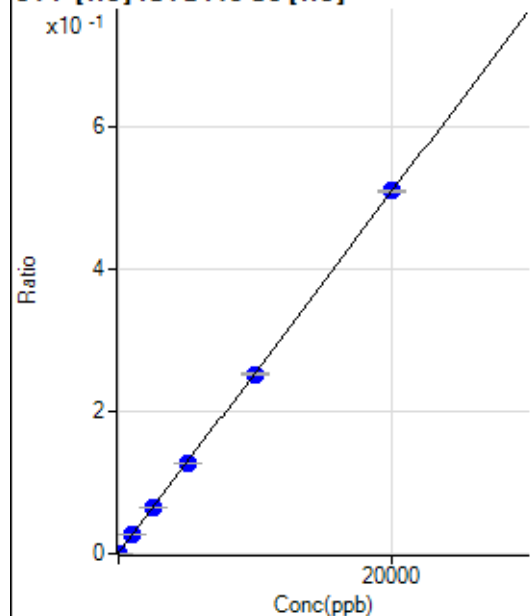
$$DL = 0.1855$$

$$BEC = 12.81$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-4.639	583.36	0.0009	P	5.3
2	☐	0.000	-3.504	600.03	0.0009	P	6.4
3	☐	0.000	8.143	794.49	0.0012	P	11.3
4	☐	1000.000	1004.998	17413.00	0.0265	P	2.6
5	☐	2500.000	2484.955	41523.73	0.0642	P	1.3
6	☐	5000.000	4964.585	80799.35	0.1272	P	1.7
7	☐	10000.000	9894.785	157051.31	0.2525	P	0.8
8	☐	20000.000	20063.092	317440.52	0.5109	P	0.6
9	☐			744.48	0.0012	P	10.0

$$y = 2.5413E-005 * x + 0.0010$$

$$R = 1.0000$$

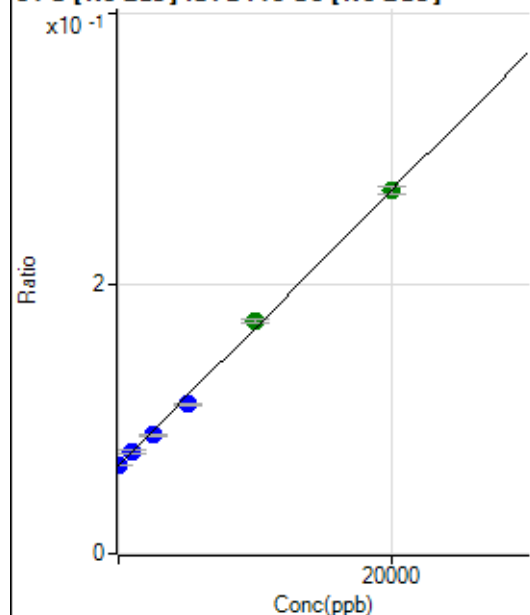
$$DL = 9.578$$

$$BEC = 39.66$$

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	11.472	509494.12	0.0655	P	0.7
2	☐	0.000	-10.779	506511.39	0.0653	P	1.0
3	☐	0.000	-0.693	510965.10	0.0654	P	0.6
4	☐	1000.000	977.146	588962.69	0.0754	P	2.5
5	☐	2500.000	2192.133	681429.84	0.0877	P	0.7
6	☐	5000.000	4412.994	844304.37	0.1104	P	1.9
7	☐	10000.000	10496.988	1282397.00	0.1724	A	1.9
8	☐	20000.000	19937.883	1989354.32	0.2686	A	2.1
9	☐			427117.85	0.0615	P	0.9

$$y = 1.0191E-005 * x + 0.0654$$

$$R = 0.9991$$

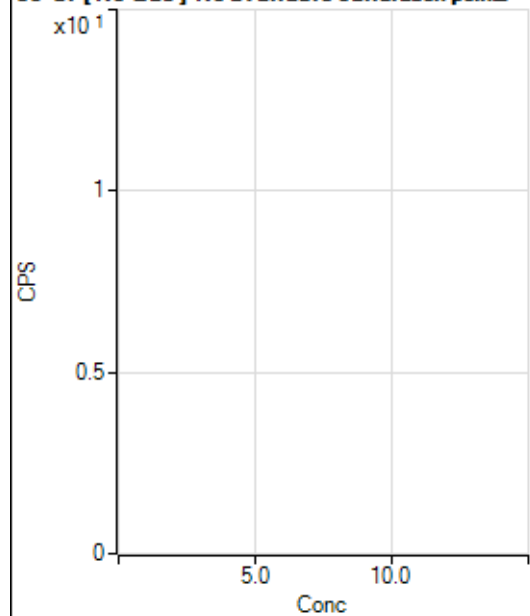
$$DL = 149.6$$

$$BEC = 6417$$

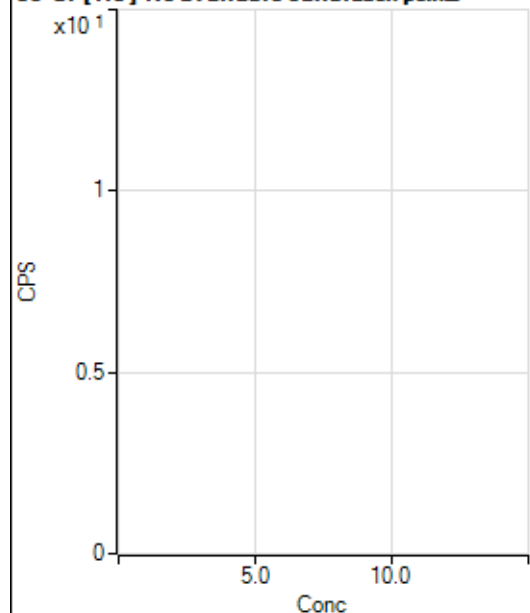
Weight: <None>

Min Conc: 0

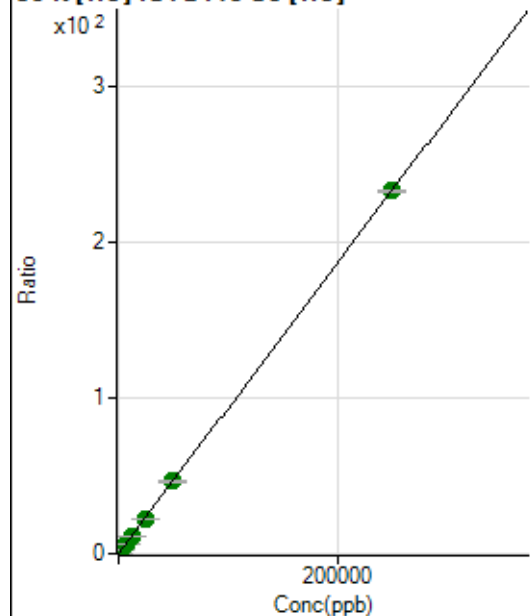
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78522.08	0.1198	P	1.5
2	☐	50.000	49.902	108543.52	0.1662	P	0.3
3	☐	500.000	504.147	384875.60	0.5884	P	0.8
4	☐	2500.000	2513.855	1611152.28	2.4564	A	2.7
5	☐	6250.000	6107.359	3751586.63	5.7964	A	0.8
6	☐	12500.000	12105.137	7224757.54	11.3712	A	0.9
7	☐	25000.000	24268.109	14106116.64	22.6763	A	0.6
8	☐	50000.000	49635.287	28738877.73	46.2544	A	0.9
9	☐	250000.00	250169.29	139258842.00	232.6453	A	0.7

$$y = 9.2947E-004 * x + 0.1198$$

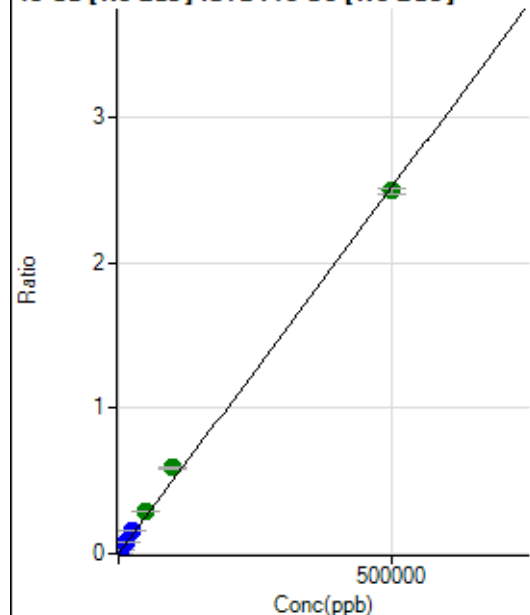
$$R = 1.0000$$

$$DL = 5.736$$

$$BEC = 128.9$$

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	463.91	0.0001	P	3.7
2	☐	50.000	51.607	2478.04	0.0003	P	6.3
3	☐	500.000	499.782	20127.66	0.0026	P	2.5
4	☐	5000.000	6116.445	241241.84	0.0309	P	0.7
5	☐	12500.000	15151.160	592922.01	0.0763	P	1.0
6	☐	25000.000	30344.940	1169325.11	0.1528	P	0.8
7	☐	50000.000	57527.803	2155530.28	0.2897	A	0.6
8	☐	100000.00	117008.94	4364322.71	0.5891	A	1.1
9	☐	500000.00	495500.74	17321645.52	2.4947	A	1.5

$$y = 5.0345\text{E-}006 * x + 5.9636\text{E-}005$$

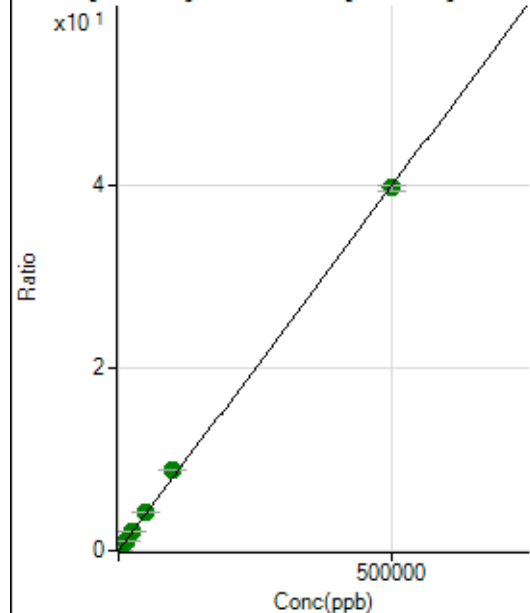
$$R = 0.9993$$

$$DL = 1.305$$

$$BEC = 11.85$$

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	17841.70	0.0023	P	0.8
2	☐	50.000	50.375	49057.81	0.0063	P	2.1
3	☐	500.000	500.627	330866.14	0.0423	P	0.6
4	☐	5000.000	5401.910	3396527.29	0.4344	A	0.4
5	☐	12500.000	13467.052	8384873.97	1.0796	A	0.8
6	☐	25000.000	26933.926	16501481.62	2.1568	A	1.1
7	☐	50000.000	53059.849	31598428.83	4.2467	A	1.1
8	☐	100000.00	110276.70	65366548.68	8.8236	A	1.1
9	☐	500000.00	497513.78	276351264.51	39.7999	A	1.8

$$y = 7.9993\text{E-}005 * x + 0.0023$$

$$R = 0.9998$$

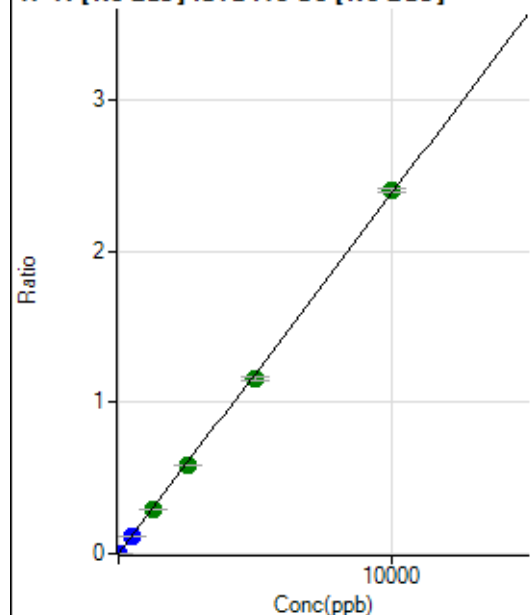
$$DL = 0.6847$$

$$BEC = 28.68$$

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	169.45	0.0000	P	30.9
2	☐	0.500	0.487	1069.51	0.0001	P	9.4
3	☐	5.000	4.720	8963.98	0.0011	P	1.5
4	☐	500.000	502.640	937063.13	0.1199	P	0.1
5	☐	1250.000	1220.540	2260021.47	0.2910	A	2.0
6	☐	2500.000	2447.893	4464815.64	0.5836	A	1.4
7	☐	5000.000	4877.741	8651243.68	1.1629	A	2.1
8	☐	10000.000	10077.707	17798305.09	2.4025	A	0.9
9	☐			4517.47	0.0007	P	2.6

$$y = 2.3840\text{E-}004 * x + 2.1831\text{E-}005$$

$$R = 0.9999$$

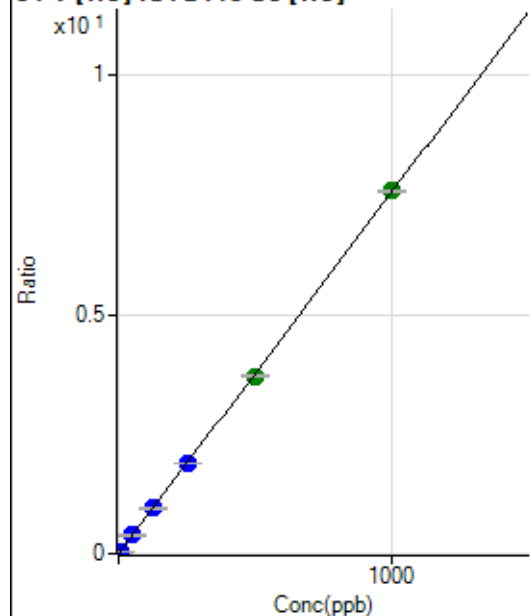
$$DL = 0.08495$$

$$BEC = 0.09157$$

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	21.11	0.0000	P	51.4
2	☐	0.500	0.480	2387.98	0.0037	P	0.8
3	☐	5.000	4.788	23675.30	0.0362	P	0.6
4	☐	50.000	50.602	250724.38	0.3822	P	1.2
5	☐	125.000	125.290	612486.55	0.9463	P	0.4
6	☐	250.000	250.594	1202583.28	1.8928	P	0.4
7	☐	500.000	490.373	2304036.74	3.7038	A	1.0
8	☐	1000.000	1004.600	4714412.78	7.5877	A	0.8
9	☐			1847.93	0.0031	P	5.6

$$y = 0.0076 * x + 3.2269\text{E-}005$$

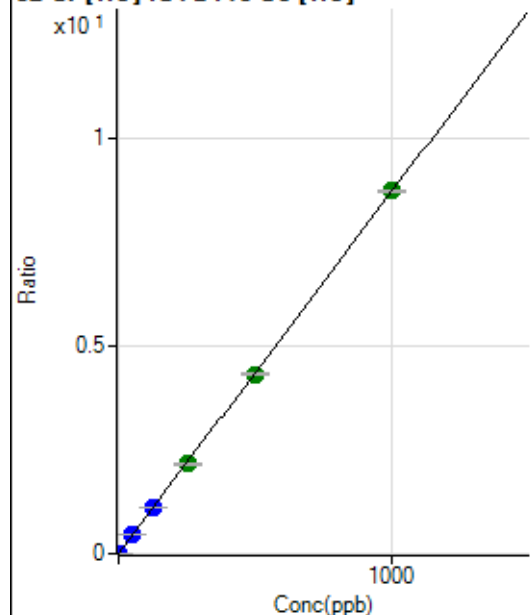
$$R = 0.9999$$

$$DL = 0.006585$$

$$BEC = 0.004272$$

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	2535.80	0.0039	P	1.9
2	☐	0.200	0.190	3604.91	0.0055	P	4.6
3	☐	2.000	1.917	13422.73	0.0205	P	1.8
4	☐	50.000	51.463	295844.80	0.4510	P	0.3
5	☐	125.000	126.121	711689.50	1.0996	P	0.1
6	☐	250.000	247.011	1365964.98	2.1499	A	0.6
7	☐	500.000	495.431	2680045.69	4.3082	A	1.1
8	☐	1000.000	1002.818	5415887.76	8.7165	A	0.2
9	☐			30685.70	0.0513	P	0.5

$$y = 0.0087 * x + 0.0039$$

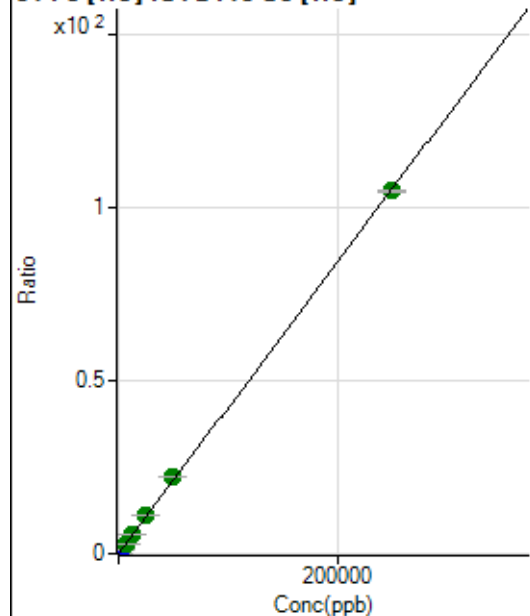
$$R = 1.0000$$

$$DL = 0.02518$$

$$BEC = 0.4453$$

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	2125.68	0.0032	P	7.9
2	☐	5.000	4.000	3216.99	0.0049	P	6.0
3	☐	50.000	52.609	16589.49	0.0254	P	1.4
4	☐	2500.000	2781.916	769355.88	1.1728	P	0.7
5	☐	6250.000	6618.822	1803120.00	2.7860	A	0.2
6	☐	12500.000	13053.947	3489010.29	5.4915	A	1.0
7	☐	25000.000	25894.031	6774312.56	10.8899	A	1.0
8	☐	50000.000	52847.859	13807474.70	22.2221	A	0.1
9	☐	250000.00	249301.28	62744856.81	104.8170	A	0.5

$$y = 4.2043E-004 * x + 0.0032$$

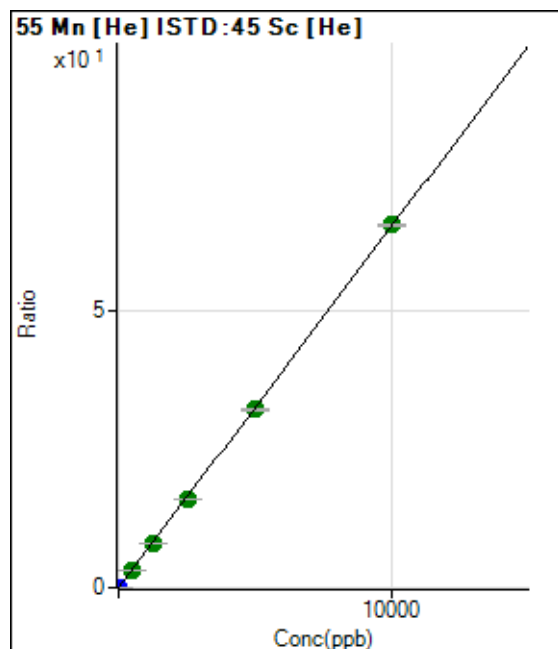
$$R = 0.9999$$

$$DL = 1.817$$

$$BEC = 7.715$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.67	0.0004	P	11.8
2	☐	0.100	0.106	716.69	0.0011	P	2.1
3	☐	1.000	1.037	4676.32	0.0071	P	2.1
4	☐	500.000	495.942	2115257.04	3.2245	A	0.7
5	☐	1250.000	1237.094	5205162.63	8.0427	A	0.9
6	☐	2500.000	2465.124	10182344.02	16.0260	A	0.2
7	☐	5000.000	4931.772	19944616.37	32.0616	A	0.8
8	☐	10000.000	10044.649	40573851.34	65.3001	A	0.7
9	☐			26289.42	0.0439	P	2.3

$$y = 0.0065 * x + 4.0683E-004$$

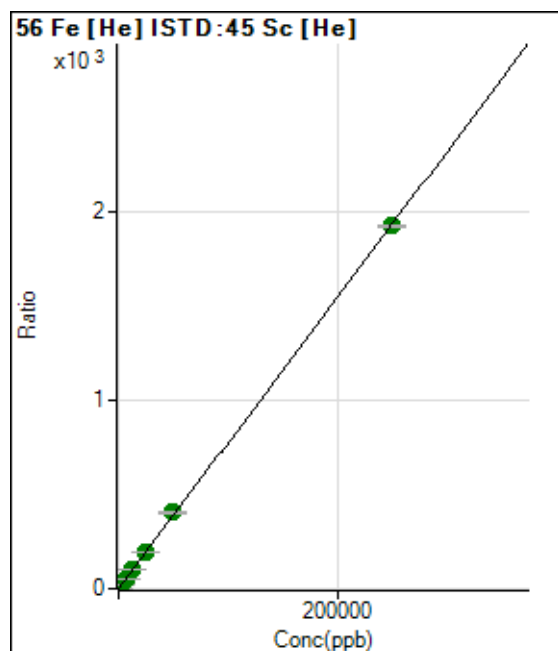
$$R = 1.0000$$

$$DL = 0.0221$$

$$BEC = 0.06258$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17994.36	0.0275	P	1.0
2	☐	5.000	5.090	43594.88	0.0667	P	0.8
3	☐	50.000	51.286	276930.64	0.4234	P	0.8
4	☐	2500.000	2582.763	13096857.35	19.9655	A	0.7
5	☐	6250.000	6426.805	32127384.05	49.6403	A	0.4
6	☐	12500.000	12762.226	62613592.61	98.5477	A	0.3
7	☐	25000.000	25534.621	122640224.04	197.1464	A	1.0
8	☐	50000.000	52313.556	250945550.05	403.8709	A	0.7
9	☐	250000.00	249465.46	1152793603.5	1,925.819	A	0.6

$$y = 0.0077 * x + 0.0275$$

$$R = 1.0000$$

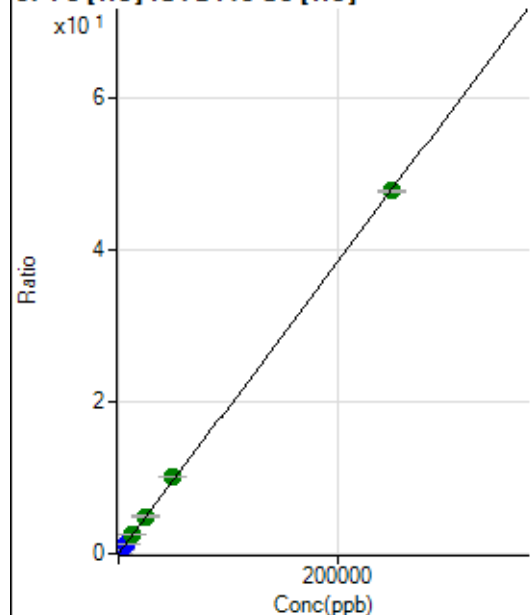
$$DL = 0.1057$$

$$BEC = 3.556$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	716.70	0.0011	P	8.3
2	☐	5.000	4.942	1331.56	0.0020	P	5.0
3	☐	50.000	52.750	7316.71	0.0112	P	1.8
4	☐	2500.000	2691.471	338499.08	0.5160	P	0.8
5	☐	6250.000	6725.326	833454.02	1.2878	P	0.8
6	☐	12500.000	12825.520	1559714.39	2.4549	A	0.9
7	☐	25000.000	25677.744	3056696.19	4.9138	A	0.9
8	☐	50000.000	52418.801	6231975.25	10.0299	A	0.3
9	☐	250000.00	249418.39	28564686.98	47.7199	A	0.8

$$y = 1.9132E-004 * x + 0.0011$$

$$R = 0.9999$$

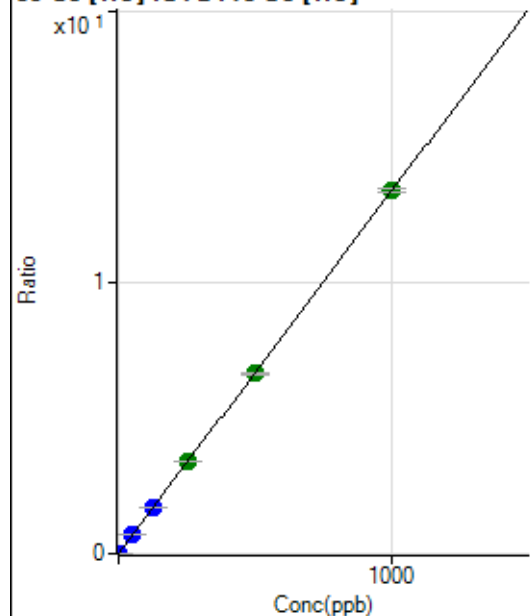
$$DL = 1.426$$

$$BEC = 5.715$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0002	P	10.3
2	☐	0.100	0.102	1006.71	0.0015	P	5.5
3	☐	1.000	0.995	8833.76	0.0135	P	0.8
4	☐	50.000	51.924	456068.35	0.6953	P	0.7
5	☐	125.000	127.635	1105919.27	1.7088	P	0.2
6	☐	250.000	253.724	2158082.71	3.3966	A	0.3
7	☐	500.000	496.328	4133160.29	6.6442	A	0.4
8	☐	1000.000	1000.479	8321195.71	13.3930	A	1.1
9	☐			24554.61	0.0410	P	1.0

$$y = 0.0134 * x + 1.8144E-004$$

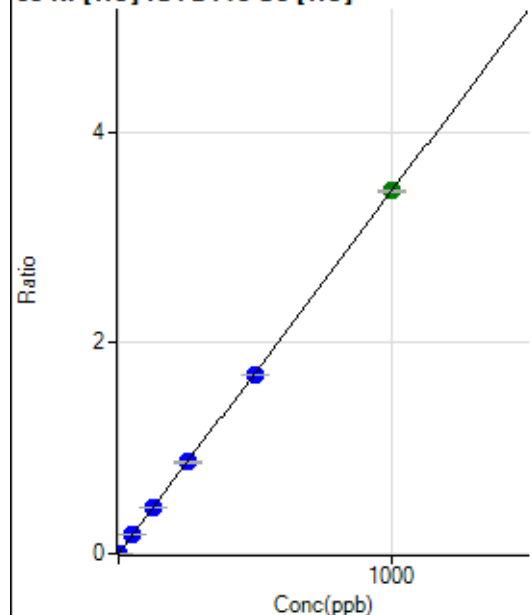
$$R = 1.0000$$

$$DL = 0.004187$$

$$BEC = 0.01355$$

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	121.11	0.0002	P	15.1
2	☒	0.100					
3	☐	1.000	1.011	2392.44	0.0037	P	1.6
4	☐	50.000	52.572	118630.08	0.1808	P	0.8
5	☐	125.000	127.088	282773.38	0.4369	P	0.2
6	☐	250.000	252.407	551198.72	0.8676	P	1.1
7	☐	500.000	495.500	1059335.13	1.7029	P	0.2
8	☐	1000.000	1001.258	2137977.92	3.4409	A	0.2
9	☐			10954.08	0.0183	P	2.1

$$y = 0.0034 * x + 1.8467E-004$$

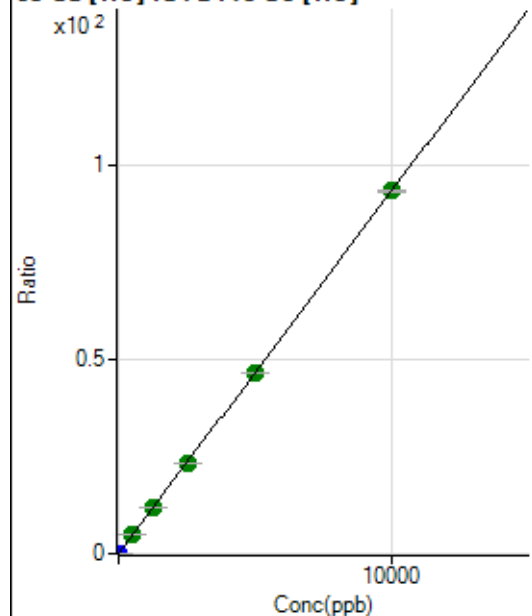
$$R = 1.0000$$

$$DL = 0.02439$$

$$BEC = 0.05374$$

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	788.92	0.0012	P	11.7
2	☐	0.200	0.208	2053.49	0.0031	P	5.5
3	☐	2.000	2.044	13244.84	0.0202	P	1.3
4	☐	500.000	526.253	3217864.25	4.9051	A	0.7
5	☐	1250.000	1267.449	7644611.42	11.8120	A	1.0
6	☐	2500.000	2504.684	14830117.69	23.3412	A	0.9
7	☐	5000.000	4982.261	28881702.90	46.4285	A	0.1
8	☐	10000.000	10004.205	57924278.02	93.2257	A	0.5
9	☐			20089.36	0.0336	P	1.6

$$y = 0.0093 * x + 0.0012$$

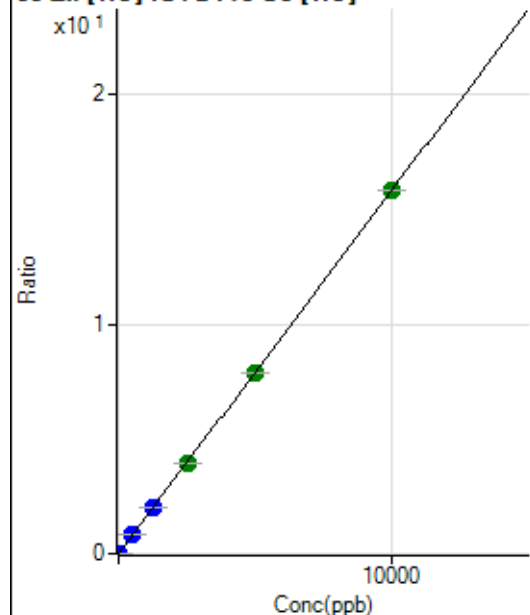
$$R = 1.0000$$

$$DL = 0.04528$$

$$BEC = 0.1291$$

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	681.14	0.0010	P	1.8
2	☒	0.200					
3	☐	2.000	2.191	2946.99	0.0045	P	2.1
4	☐	500.000	522.940	543270.91	0.8282	P	0.6
5	☐	1250.000	1284.757	1315844.72	2.0332	P	1.0
6	☐	2500.000	2505.776	2518849.06	3.9645	A	0.8
7	☐	5000.000	4988.906	4909425.14	7.8921	A	0.2
8	☐	10000.000	9998.611	9827159.78	15.8160	A	0.1
9	☐			23518.60	0.0393	P	1.2

$$y = 0.0016 * x + 0.0010$$

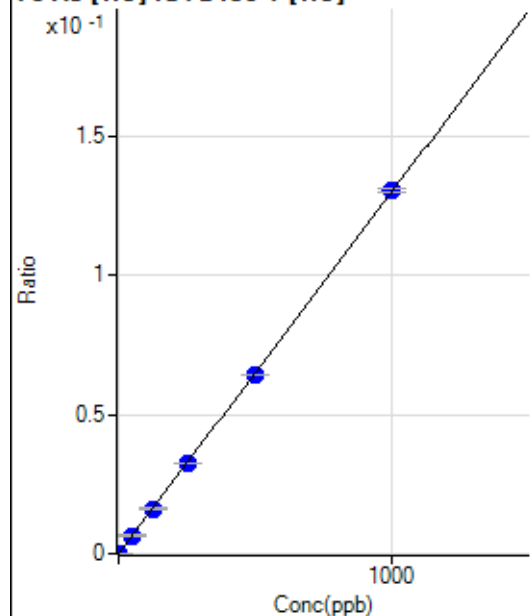
$$R = 1.0000$$

$$DL = 0.03619$$

$$BEC = 0.657$$

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	12.35	0.0000	P	36.7
2	☐	0.100	0.093	75.93	0.0000	P	17.2
3	☐	1.000	1.009	698.17	0.0001	P	5.9
4	☐	50.000	50.481	34221.31	0.0066	P	0.9
5	☐	125.000	124.248	83207.33	0.0161	P	1.5
6	☐	250.000	248.790	164659.32	0.0323	P	0.9
7	☐	500.000	493.417	322669.96	0.0641	P	0.3
8	☐	1000.000	1003.664	656833.33	0.1304	P	1.0
9	☐			316.05	0.0001	P	8.8

$$y = 1.2995E-004 * x + 2.3500E-006$$

$$R = 1.0000$$

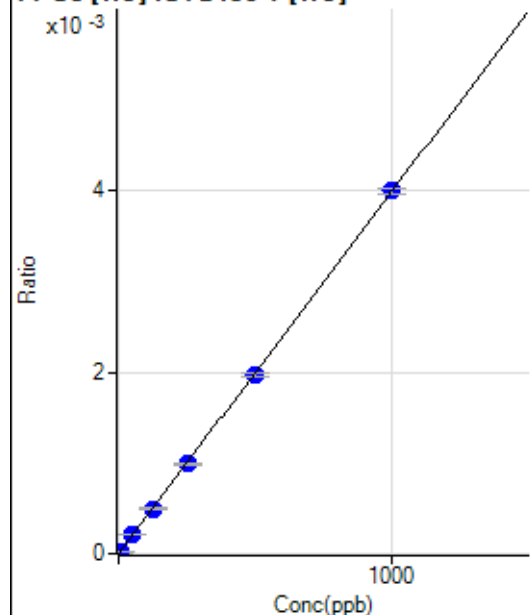
$$DL = 0.01992$$

$$BEC = 0.01808$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500	0.316	7.78	0.0000	P	64.8
3	☐	5.000	4.314	91.11	0.0000	P	22.6
4	☐	50.000	51.574	1072.27	0.0002	P	3.4
5	☐	125.000	124.106	2548.02	0.0005	P	1.4
6	☐	250.000	249.478	5060.92	0.0010	P	2.2
7	☐	500.000	493.831	9897.85	0.0020	P	1.7
8	☐	1000.000	1003.251	20123.76	0.0040	P	1.5
9	☐			11.11	0.0000	P	62.8

$$y = 3.9827\text{E-}006 * x + 2.1537\text{E-}007$$

$$R = 1.0000$$

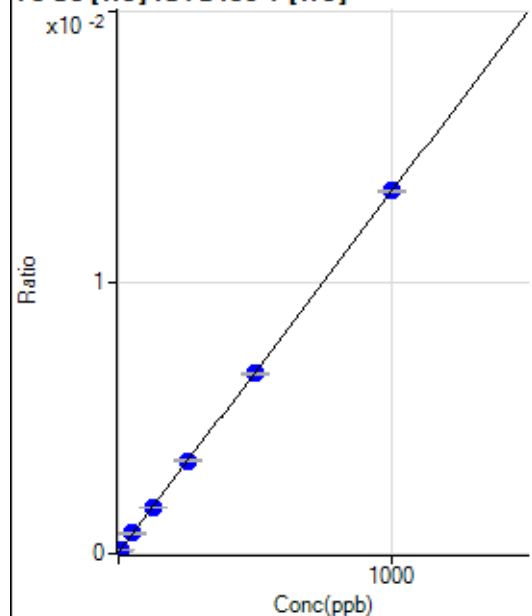
$$DL = 0.281$$

$$BEC = 0.05408$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	303.71	0.0001	P	8.2
2	☐	0.500	0.309	325.93	0.0001	P	3.2
3	☐	5.000	4.915	645.69	0.0001	P	2.6
4	☐	50.000	51.923	3907.94	0.0007	P	1.5
5	☐	125.000	125.491	8910.74	0.0017	P	0.8
6	☐	250.000	253.354	17474.50	0.0034	P	2.1
7	☐	500.000	494.921	33454.34	0.0066	P	0.6
8	☐	1000.000	1001.544	67451.62	0.0134	P	0.7
9	☐			284.57	0.0001	P	11.5

$$y = 1.3315\text{E-}005 * x + 5.8020\text{E-}005$$

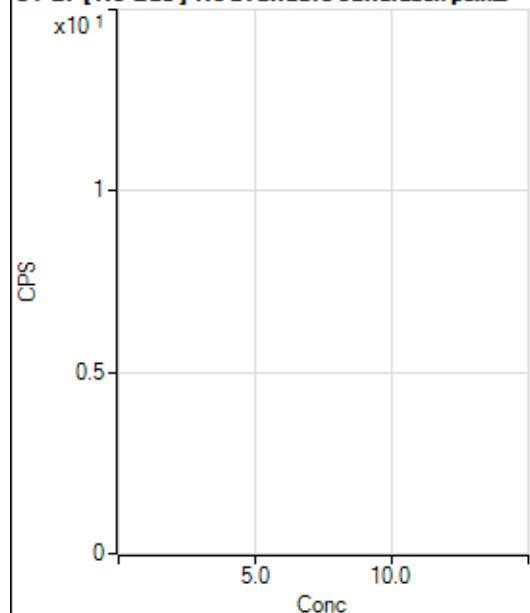
$$R = 1.0000$$

$$DL = 1.07$$

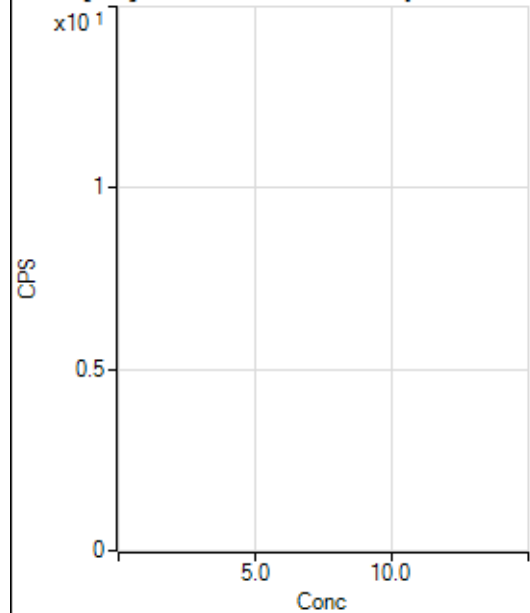
$$BEC = 4.357$$

Weight: <None>

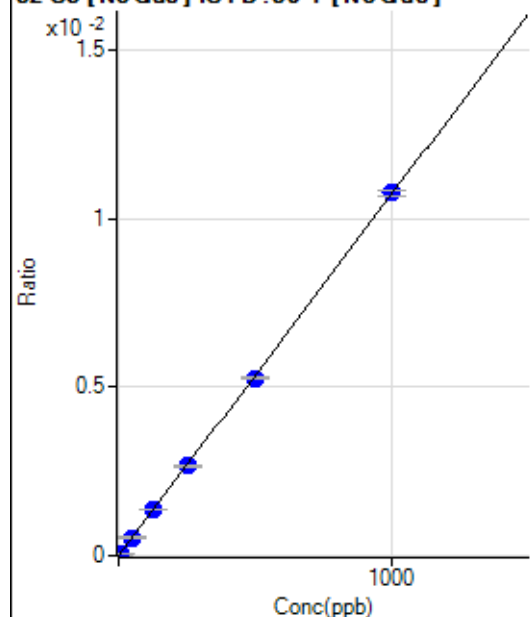
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18756.81		P	0.5
2	☐			18562.09		P	1.0
3	☐			18745.64		P	1.1
4	☐			18809.67		P	2.9
5	☐			18311.84		P	2.6
6	☐			18142.20		P	2.3
7	☐			17210.49		P	0.9
8	☐			17316.09		P	1.9
9	☐			18637.23		P	2.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.11		P	24.1
2	☐			113.45		P	18.4
3	☐			83.42		P	18.3
4	☐			106.78		P	32.9
5	☐			96.76		P	23.9
6	☐			66.73		P	8.7
7	☐			106.78		P	23.6
8	☐			120.12		P	22.1
9	☐			120.12		P	33.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.75	0.0000	P	155.
2	☐	0.500	0.428	118.15	0.0000	P	143.
3	☐	5.000	4.646	1087.31	0.0001	P	6.7
4	☐	50.000	50.365	11688.44	0.0005	P	0.9
5	☐	125.000	126.517	29118.16	0.0014	P	1.1
6	☐	250.000	247.569	57628.17	0.0027	P	0.5
7	☐	500.000	491.859	111976.73	0.0053	P	1.6
8	☐	1000.000	1004.472	226831.88	0.0108	P	1.7
9	☐			200.67	0.0000	P	26.8

$$y = 1.0725E-005 * x + 9.0938E-007$$

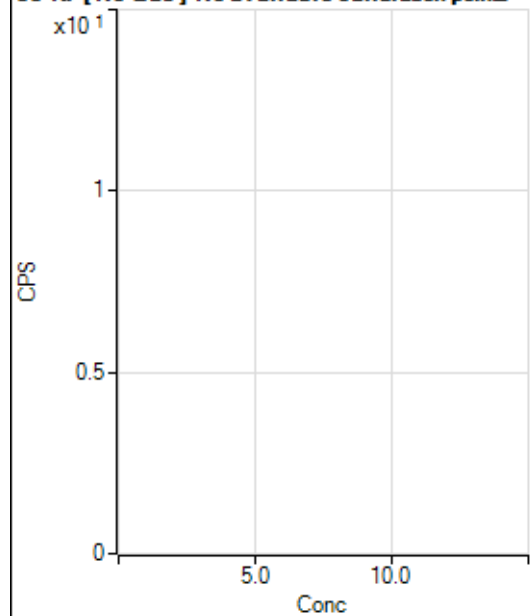
$$R = 0.9999$$

$$DL = 0.3964$$

$$BEC = 0.08479$$

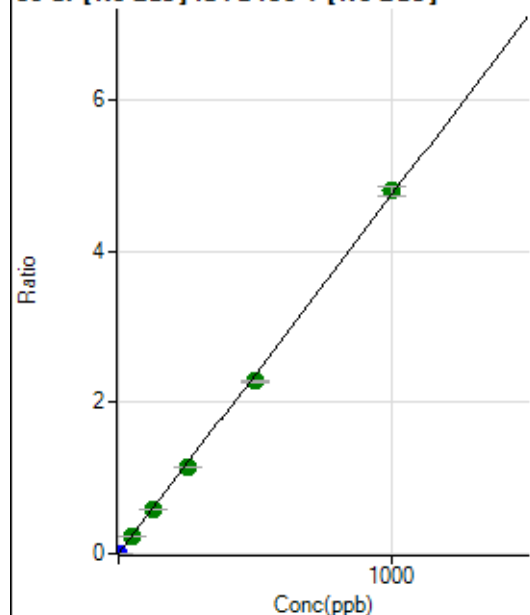
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2233.52		P	3.3
2	☐			2274.64		P	3.7
3	☐			2287.98		P	5.2
4	☐			2264.64		P	1.7
5	☐			2143.51		P	2.9
6	☐			2240.19		P	5.7
7	☐			2086.84		P	3.1
8	☐			2145.73		P	3.9
9	☐			2057.94		P	3.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3717.24	0.0002	P	3.2
2	☐	0.100	0.004	4136.79	0.0002	P	4.9
3	☐	1.000	0.039	7682.74	0.0004	P	0.9
4	☐	50.000	49.115	5031348.34	0.2329	A	0.7
5	☐	125.000	122.400	12442451.15	0.5802	A	0.8
6	☐	250.000	240.907	24771954.72	1.1418	A	0.9
7	☐	500.000	481.582	48442872.96	2.2824	A	0.8
8	☐	1000.000	1011.852	100944652.26	4.7954	A	2.6
9	☐			36746.53	0.0019	P	3.4

$$y = 0.0047 * x + 1.7146E-004$$

$$R = 0.9997$$

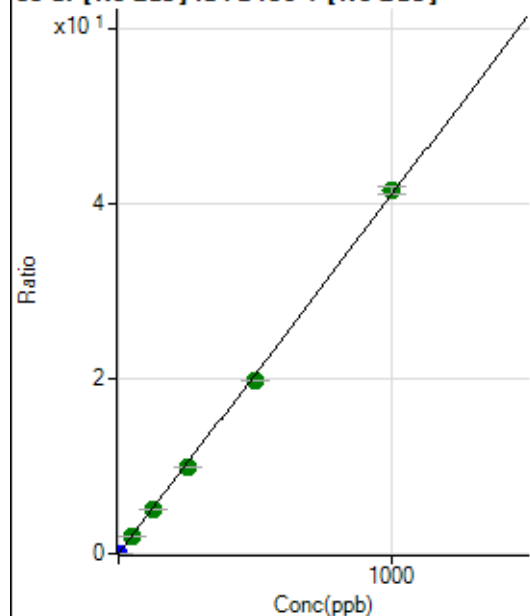
$$DL = 0.003476$$

$$BEC = 0.03618$$

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	780.60	0.0000	P	11.3
2	☐	0.100	0.004	3953.41	0.0002	P	3.3
3	☐	1.000	0.038	34009.41	0.0016	P	1.7
4	☐	50.000	49.386	43811020.42	2.0283	A	0.9
5	☐	125.000	121.904	107358453.09	5.0066	A	0.9
6	☐	250.000	241.707	215357514.54	9.9268	A	1.0
7	☐	500.000	483.068	421097456.63	19.8394	A	0.3
8	☐	1000.000	1010.958	874063697.31	41.5197	A	2.1
9	☐			293037.07	0.0152	P	3.8

$$y = 0.0411 * x + 3.6016E-005$$

$$R = 0.9998$$

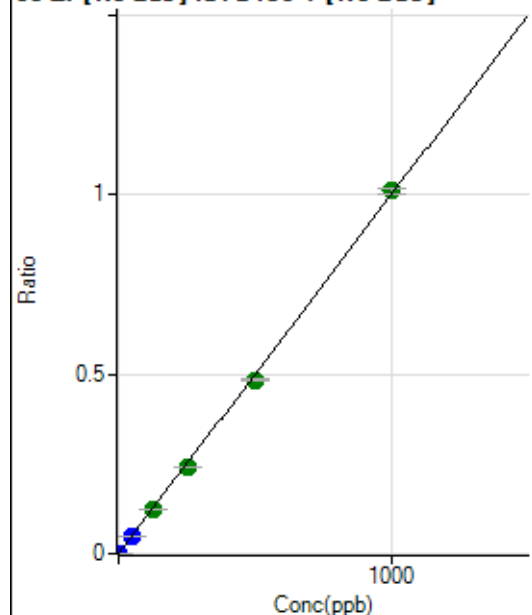
$$DL = 0.0002961$$

$$BEC = 0.000877$$

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	683.37	0.0000	P	1.8
2	☐	0.100	0.085	2516.96	0.0001	P	6.9
3	☐	1.000	0.929	20612.19	0.0010	P	2.6
4	☐	50.000	50.328	1088350.97	0.0504	P	0.1
5	☐	125.000	122.567	2630256.24	0.1227	A	0.6
6	☐	250.000	241.434	5240654.16	0.2416	A	1.6
7	☐	500.000	484.496	10288439.73	0.4848	A	1.1
8	☐	1000.000	1010.181	21278417.66	1.0107	A	1.5
9	☐			11604.90	0.0006	P	3.5

$$y = 0.0010 * x + 3.1520E-005$$

$$R = 0.9998$$

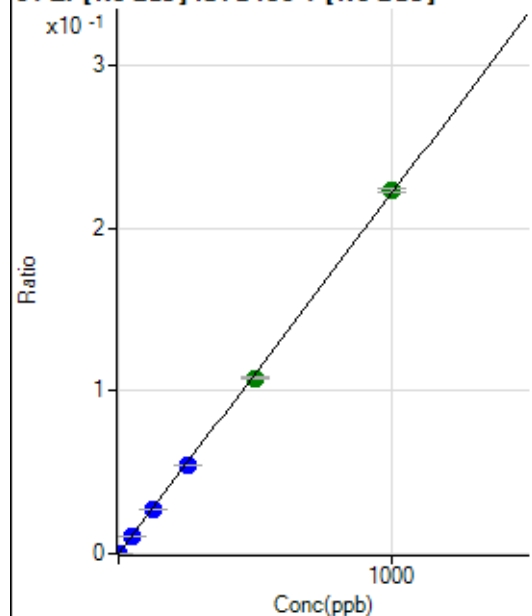
$$DL = 0.001664$$

$$BEC = 0.03151$$

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	86.11	0.0000	P	22.2
2	☐	0.100	0.098	552.80	0.0000	P	6.9
3	☐	1.000	0.994	4798.12	0.0002	P	4.9
4	☐	50.000	50.518	241598.15	0.0112	P	0.3
5	☐	125.000	124.765	592196.55	0.0276	P	0.9
6	☐	250.000	246.982	1185966.81	0.0547	P	0.6
7	☐	500.000	487.683	2290946.27	0.1079	A	0.6
8	☐	1000.000	1006.916	4691972.76	0.2229	A	1.2
9	☐			2503.06	0.0001	P	8.3

$$y = 2.2132E-004 * x + 3.9707E-006$$

$$R = 0.9999$$

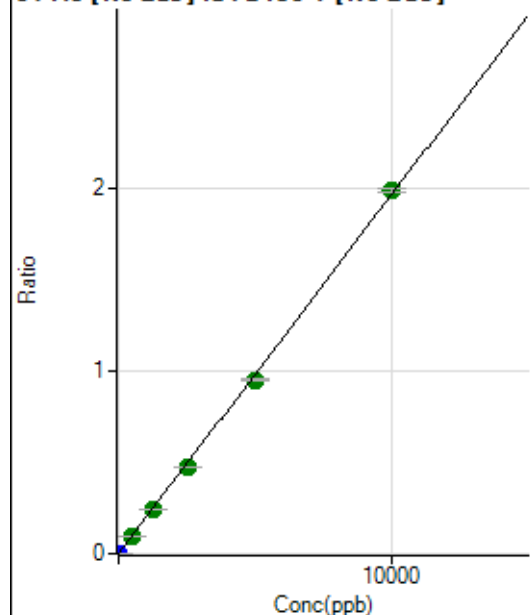
$$DL = 0.01192$$

$$BEC = 0.01794$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.23	0.0000	P	19.2
2	☐	0.500	0.564	2628.08	0.0001	P	4.8
3	☐	5.000	5.677	24117.58	0.0011	P	2.5
4	☐	500.000	489.553	2074720.27	0.0961	A	1.9
5	☐	1250.000	1214.247	5108661.10	0.2382	A	1.2
6	☐	2500.000	2426.613	10329735.39	0.4761	A	0.2
7	☐	5000.000	4834.621	20132660.17	0.9486	A	0.9
8	☐	10000.000	10106.027	41746468.99	1.9828	A	1.1
9	☐			14604.88	0.0008	P	2.3

$$y = 1.9620E-004 * x + 1.1411E-005$$

$$R = 0.9998$$

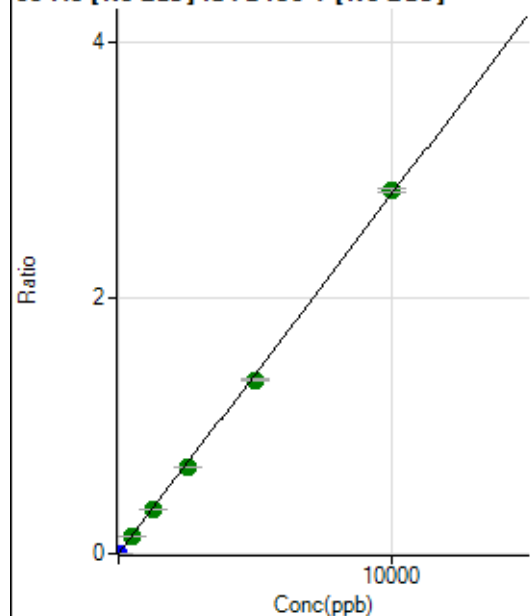
$$DL = 0.03342$$

$$BEC = 0.05816$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	50.3
2	☐	0.500	0.495	3100.42	0.0001	P	6.4
3	☐	5.000	4.895	29613.81	0.0014	P	1.6
4	☐	500.000	497.210	3020315.76	0.1398	A	1.4
5	☐	1250.000	1230.864	7423170.74	0.3462	A	0.8
6	☐	2500.000	2417.650	14750927.76	0.6799	A	0.8
7	☐	5000.000	4844.736	28920621.48	1.3625	A	0.1
8	☐	10000.000	10100.751	59808395.09	2.8407	A	1.1
9	☐			19535.67	0.0010	P	5.6

$$y = 2.8123E-004 * x + 4.6073E-006$$

$$R = 0.9998$$

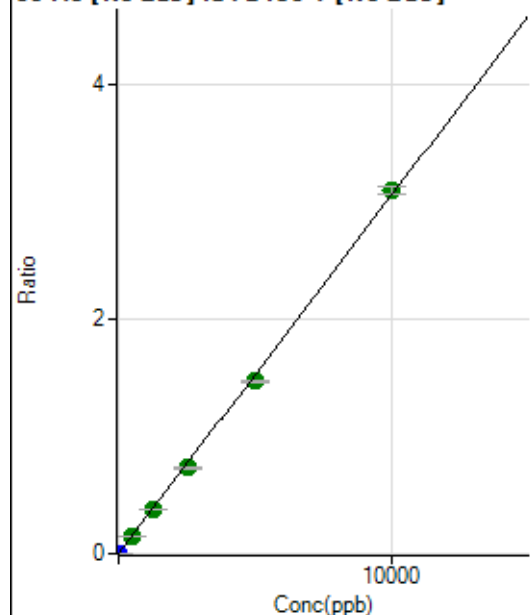
$$DL = 0.02472$$

$$BEC = 0.01638$$

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	169.45	0.0000	P	14.5
2	☐	0.500	0.521	3603.31	0.0002	P	3.6
3	☐	5.000	4.984	32884.98	0.0015	P	0.8
4	☐	500.000	492.328	3255931.13	0.1507	A	1.0
5	☐	1250.000	1225.034	8042556.95	0.3751	A	1.2
6	☐	2500.000	2392.547	15890798.62	0.7325	A	1.3
7	☐	5000.000	4817.055	31300942.37	1.4748	A	1.0
8	☐	10000.000	10121.840	65237047.29	3.0989	A	2.1
9	☐			26975.54	0.0014	P	4.9

$$y = 3.0616\text{E-}004 * x + 7.8110\text{E-}006$$

$$R = 0.9997$$

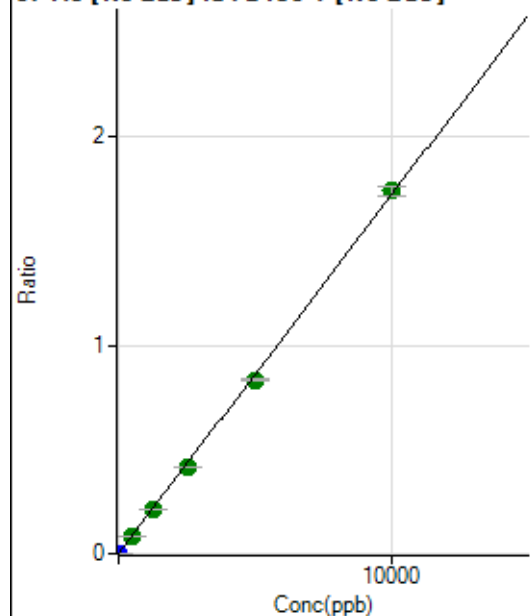
$$DL = 0.01111$$

$$BEC = 0.02551$$

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	69.45	0.0000	P	18.0
2	☐	0.500	0.462	1777.93	0.0001	P	9.1
3	☐	5.000	4.950	18322.96	0.0009	P	1.8
4	☐	500.000	495.392	1840842.49	0.0852	A	1.6
5	☐	1250.000	1221.216	4505146.67	0.2101	A	1.6
6	☐	2500.000	2406.941	8983397.68	0.4141	A	1.3
7	☐	5000.000	4835.002	17655101.44	0.8318	A	0.7
8	☐	10000.000	10109.592	36612708.80	1.7393	A	2.6
9	☐			11388.05	0.0006	P	3.8

$$y = 1.7204\text{E-}004 * x + 3.2017\text{E-}006$$

$$R = 0.9998$$

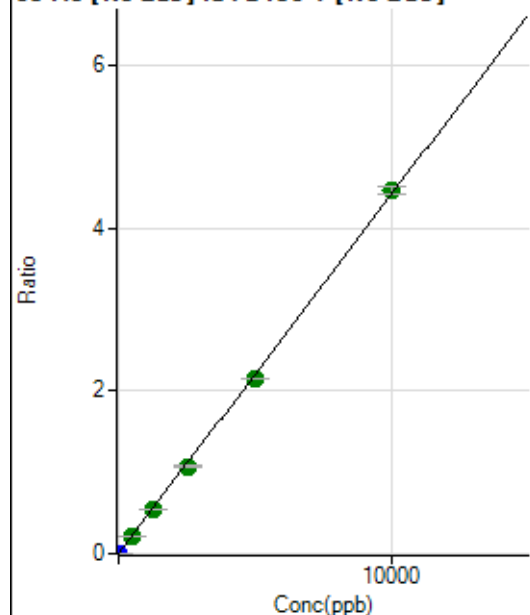
$$DL = 0.01006$$

$$BEC = 0.01861$$

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	136.12	0.0000	P	33.9
2	☐	0.500	0.457	4481.36	0.0002	P	3.1
3	☐	5.000	4.932	46862.15	0.0022	P	0.9
4	☐	500.000	495.083	4725345.77	0.2188	A	0.9
5	☐	1250.000	1226.621	11622583.59	0.5420	A	1.3
6	☐	2500.000	2426.555	23260980.03	1.0722	A	1.2
7	☐	5000.000	4853.774	45524300.32	2.1448	A	0.0
8	☐	10000.000	10094.642	93901784.04	4.4606	A	2.2
9	☐			27721.34	0.0014	P	5.5

$$y = 4.4187\text{E-}004 * x + 6.2814\text{E-}006$$

$$R = 0.9998$$

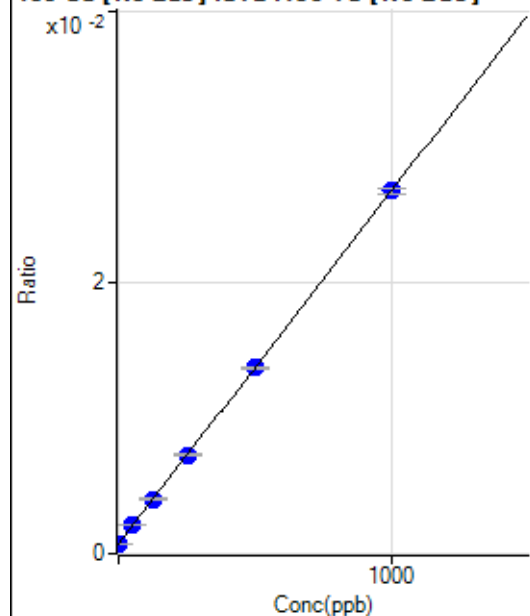
$$DL = 0.01447$$

$$BEC = 0.01422$$

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	9539.48	0.0007	P	0.6
2	☐	0.100	-0.062	9520.01	0.0007	P	2.1
3	☐	1.000	0.619	9809.15	0.0007	P	0.6
4	☐	50.000	53.311	28147.21	0.0021	P	2.3
5	☐	125.000	126.719	53282.01	0.0040	P	1.2
6	☐	250.000	252.331	96598.54	0.0073	P	0.8
7	☐	500.000	498.575	180026.54	0.0137	P	0.9
8	☐	1000.000	999.750	352204.12	0.0267	P	1.7
9	☐			8905.72	0.0007	P	5.1

$$y = 2.6015\text{E-}005 * x + 7.3018\text{E-}004$$

$$R = 1.0000$$

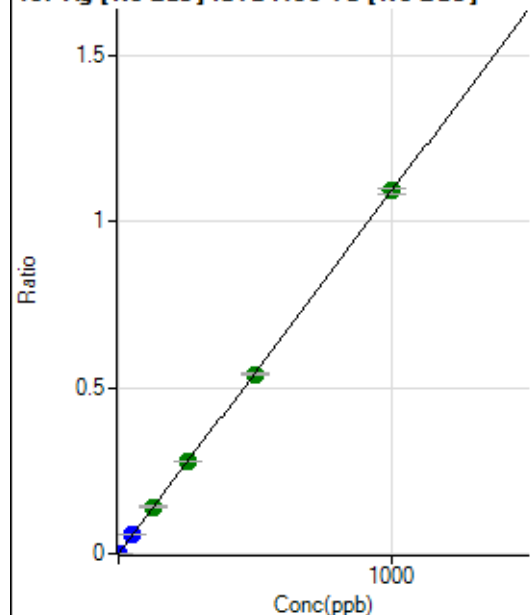
$$DL = 0.5427$$

$$BEC = 28.07$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0000	P	21.5
2	☒	0.100					
3	☐	1.000	0.932	13517.73	0.0010	P	5.8
4	☐	50.000	52.643	764073.04	0.0575	P	1.5
5	☐	125.000	129.145	1865353.06	0.1410	A	1.6
6	☐	250.000	253.834	3669190.40	0.2771	A	1.3
7	☐	500.000	495.668	7109495.39	0.5411	A	0.4
8	☐	1000.000	1000.557	14386561.26	1.0922	A	1.5
9	☐			6762.86	0.0006	P	2.8

$$y = 0.0011 * x + 9.7892E-006$$

$$R = 1.0000$$

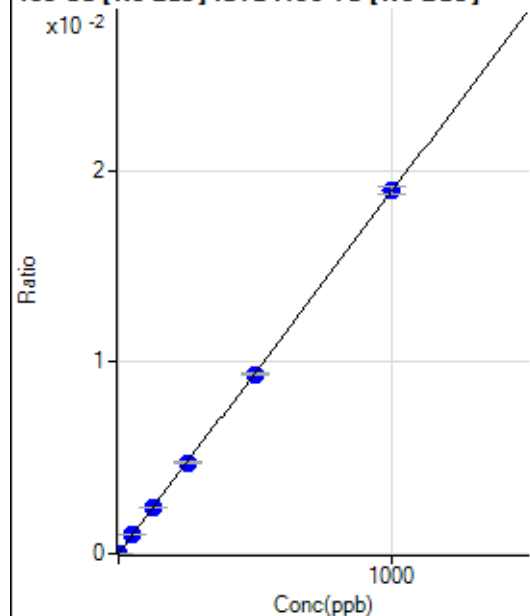
$$DL = 0.005783$$

$$BEC = 0.008968$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.28	0.0000	P	31.5
2	☐	0.100	0.111	118.06	0.0000	P	16.1
3	☐	1.000	1.104	365.29	0.0000	P	16.0
4	☐	50.000	50.987	12885.01	0.0010	P	2.0
5	☐	125.000	128.182	32102.27	0.0024	P	1.8
6	☐	250.000	250.620	62727.99	0.0047	P	1.6
7	☐	500.000	494.705	122780.57	0.0093	P	0.8
8	☐	1000.000	1002.045	249204.12	0.0189	P	1.9
9	☐			233.34	0.0000	P	17.5

$$y = 1.8874E-005 * x + 6.9258E-006$$

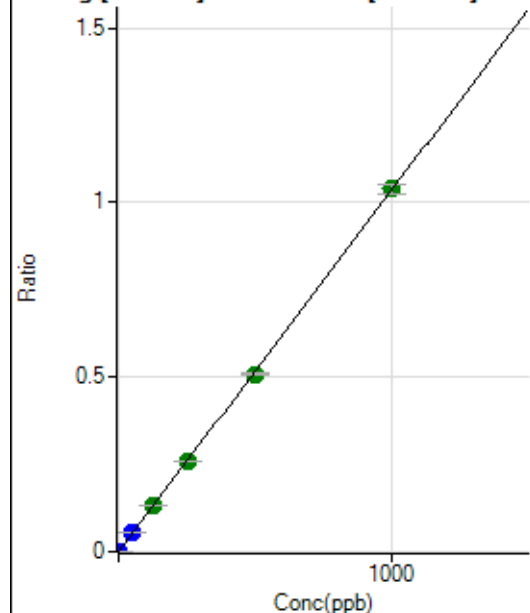
$$R = 1.0000$$

$$DL = 0.347$$

$$BEC = 0.367$$

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	33.34	0.0000	P	44.0
2	☐	0.100	0.070	975.06	0.0001	P	2.9
3	☐	1.000	0.965	13172.98	0.0010	P	4.5
4	☐	50.000	52.620	723951.01	0.0545	P	1.3
5	☐	125.000	128.552	1760039.88	0.1330	A	1.5
6	☐	250.000	250.093	3427460.47	0.2588	A	1.0
7	☐	500.000	490.939	6674813.73	0.5080	A	1.3
8	☐	1000.000	1003.932	13682936.33	1.0389	A	2.5
9	☐			6504.41	0.0005	P	4.2

$$y = 0.0010 * x + 2.5597E-006$$

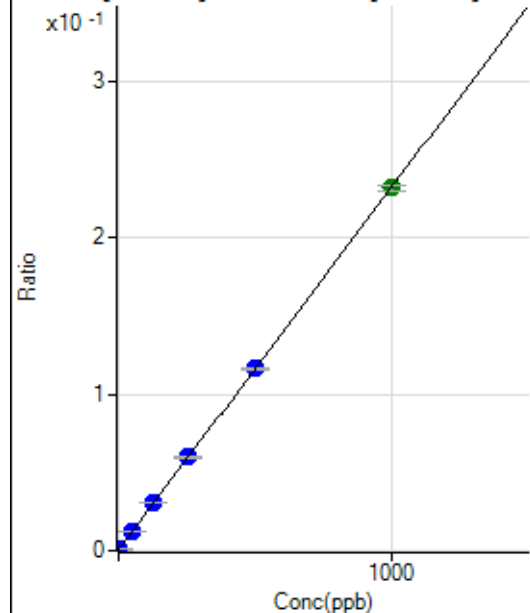
$$R = 0.9999$$

$$DL = 0.003262$$

$$BEC = 0.002474$$

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	6638.06	0.0005	P	0.8
2	☐	0.100	0.103	6952.21	0.0005	P	2.2
3	☐	1.000	0.983	9672.18	0.0007	P	0.5
4	☐	50.000	52.023	166954.17	0.0126	P	0.9
5	☐	125.000	128.371	400157.12	0.0302	P	0.7
6	☐	250.000	255.413	790271.37	0.0597	P	0.3
7	☐	500.000	499.418	1526788.74	0.1162	P	0.3
8	☐	1000.000	998.415	3053103.56	0.2318	A	1.5
9	☐			7229.07	0.0006	P	4.9

$$y = 2.3164E-004 * x + 5.0809E-004$$

$$R = 1.0000$$

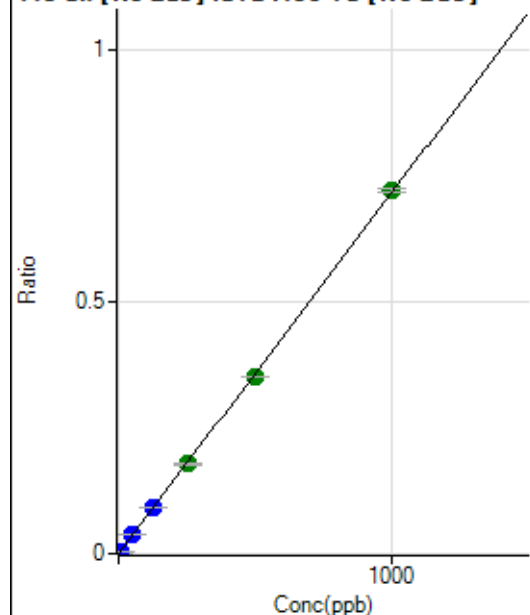
$$DL = 0.05249$$

$$BEC = 2.193$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1400.11	0.0001	P	11.6
2	☐	0.500	0.469	5792.97	0.0004	P	3.5
3	☐	5.000	4.782	46472.98	0.0035	P	1.4
4	☐	50.000	50.916	486772.47	0.0366	P	0.7
5	☐	125.000	127.462	1210667.50	0.0915	P	0.5
6	☐	250.000	247.878	2354968.72	0.1778	A	1.4
7	☐	500.000	489.411	4612503.23	0.3510	A	0.6
8	☐	1000.000	1005.473	9498503.25	0.7211	A	1.1
9	☐			12294.43	0.0010	P	2.4

$$y = 7.1702\text{E-}004 * x + 1.0723\text{E-}004$$

$$R = 0.9999$$

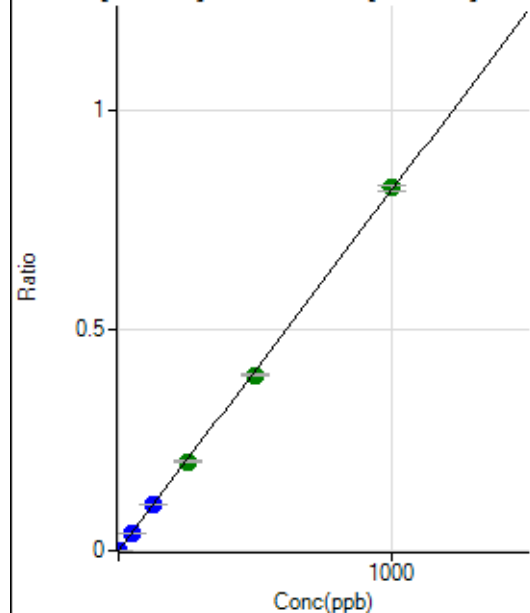
$$DL = 0.052$$

$$BEC = 0.1496$$

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	108.34	0.0000	P	34.3
2	☐	0.200	0.190	2133.56	0.0002	P	6.0
3	☐	2.000	1.881	20323.13	0.0015	P	2.2
4	☐	50.000	50.155	545113.49	0.0410	P	1.0
5	☐	125.000	126.106	1363989.38	0.1031	P	0.6
6	☐	250.000	248.065	2685295.18	0.2028	A	0.7
7	☐	500.000	486.917	5229581.93	0.3980	A	0.9
8	☐	1000.000	1006.879	10840837.22	0.8230	A	1.8
9	☐			10910.01	0.0009	P	4.2

$$y = 8.1739\text{E-}004 * x + 8.3131\text{E-}006$$

$$R = 0.9999$$

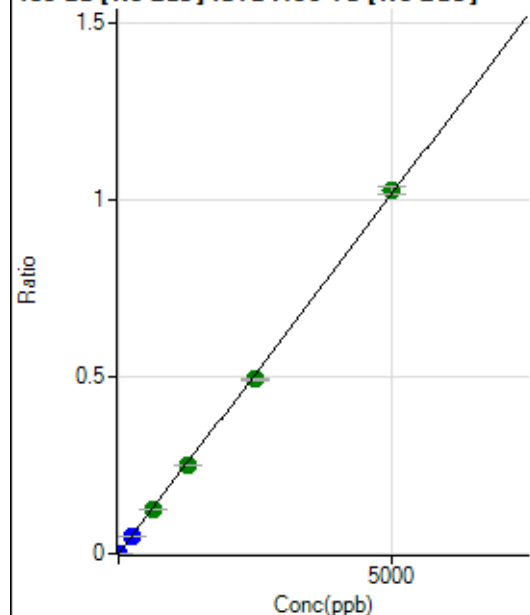
$$DL = 0.01047$$

$$BEC = 0.01017$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	64.4
2	☐	1.000	0.874	2358.59	0.0002	P	6.5
3	☐	10.000	9.252	24735.88	0.0019	P	3.3
4	☐	250.000	246.525	665771.00	0.0501	P	0.7
5	☐	625.000	612.470	1646126.76	0.1244	A	1.1
6	☐	1250.000	1223.284	3290692.52	0.2485	A	0.8
7	☐	2500.000	2422.456	6466183.22	0.4921	A	0.3
8	☐	5000.000	5047.193	13503869.48	1.0252	A	2.3
9	☐			7585.57	0.0006	P	5.5

$$y = 2.0313\text{E-}004 * x + 2.9634\text{E-}006$$

$$R = 0.9998$$

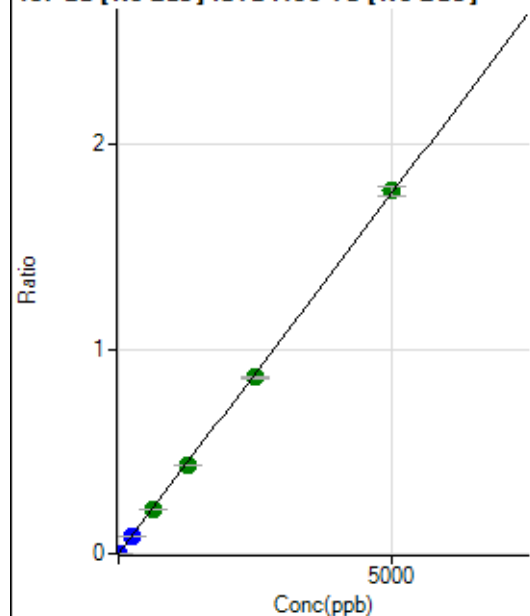
$$DL = 0.0282$$

$$BEC = 0.01459$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	56.2
2	☐	1.000	0.920	4300.77	0.0003	P	4.6
3	☐	10.000	9.179	42553.20	0.0032	P	3.4
4	☐	250.000	246.761	1155698.00	0.0869	P	1.0
5	☐	625.000	609.369	2840228.23	0.2147	A	1.0
6	☐	1250.000	1226.430	5721484.16	0.4320	A	0.7
7	☐	2500.000	2443.493	11311138.88	0.8608	A	0.7
8	☐	5000.000	5036.264	23366940.63	1.7741	A	2.6
9	☐			13198.17	0.0011	P	1.0

$$y = 3.5227\text{E-}004 * x + 5.0829\text{E-}006$$

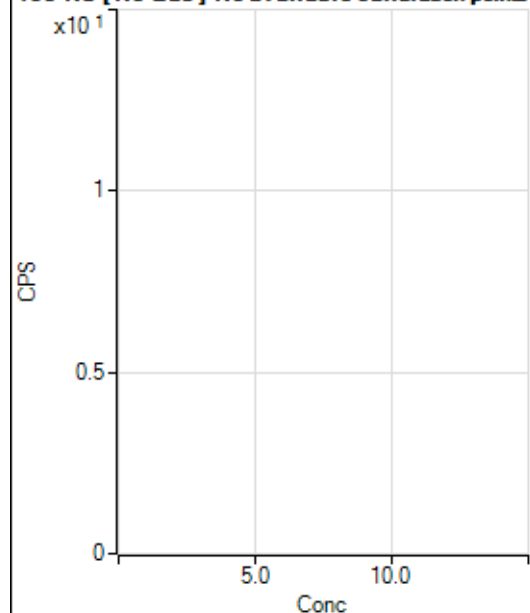
$$R = 0.9999$$

$$DL = 0.02434$$

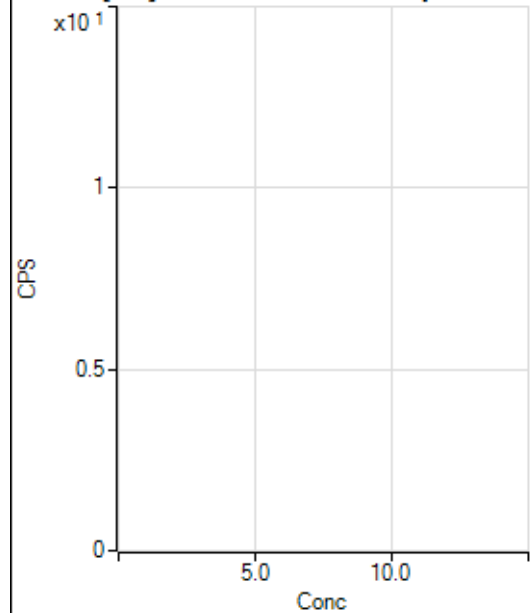
$$BEC = 0.01443$$

Weight: <None>

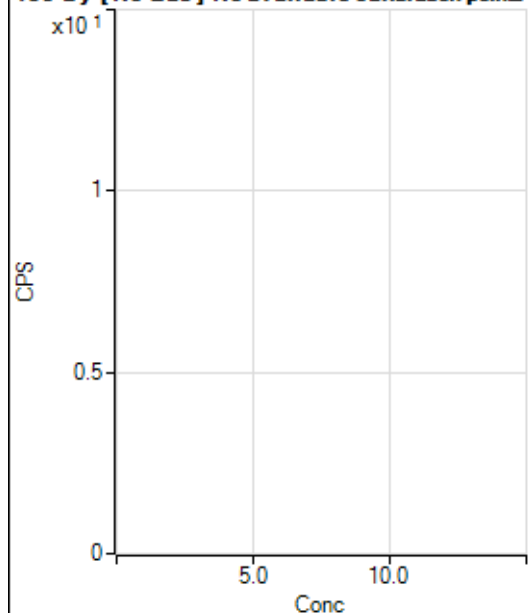
Min Conc: 0

150 Nd [No Gas] No available calibration points

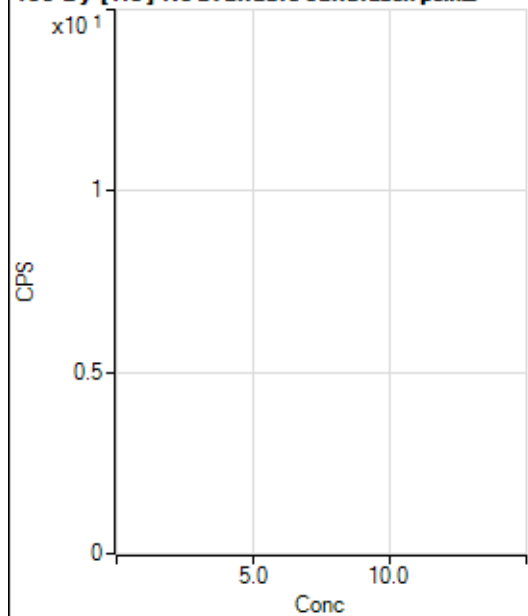
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			17.78		P	21.7
3	☐			6.67		P	100.
4	☐			51.11		P	7.5
5	☐			133.33		P	34.6
6	☐			268.90		P	12.7
7	☐			482.24		P	6.2
8	☐			1048.95		P	7.6
9	☐			135.56		P	7.5

150 Nd [He] No available calibration points

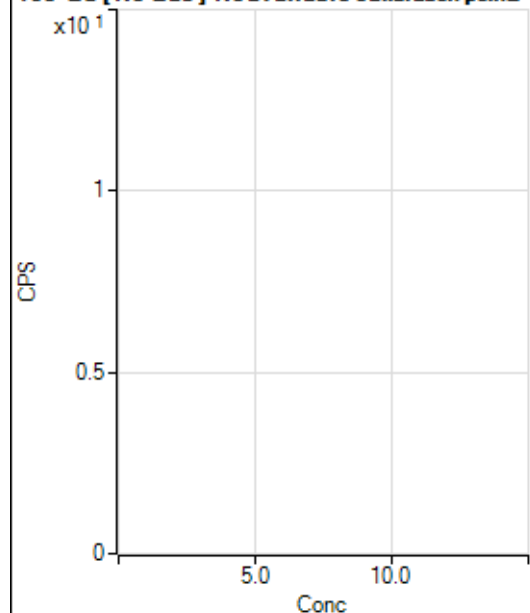
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			5.56		P	91.6
3	☐			2.22		P	86.6
4	☐			8.89		P	78.1
5	☐			36.67		P	9.1
6	☐			45.55		P	29.6
7	☐			96.67		P	24.1
8	☐			187.78		P	7.2
9	☐			102.22		P	10.0

156 Dy [No Gas] No available calibration points

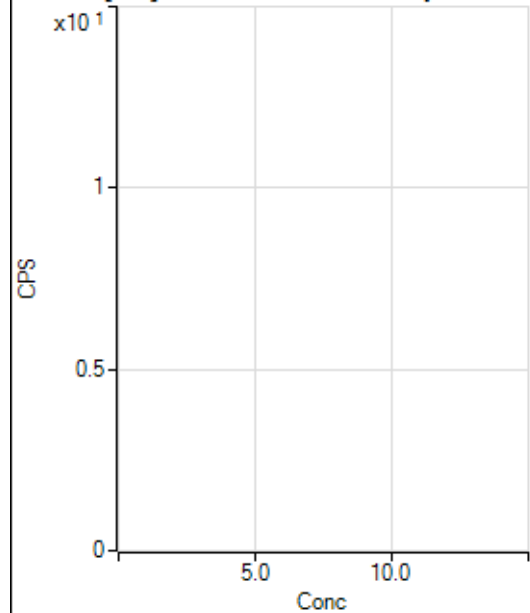
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐			19.44		P	65.5
3	☐			13.89		P	124.
4	☐			38.89		P	12.4
5	☐			72.22		P	52.0
6	☐			144.45		P	23.3
7	☐			238.90		P	2.0
8	☐			566.69		P	6.7
9	☐			1372.33		P	3.3

156 Dy [He] No available calibration points

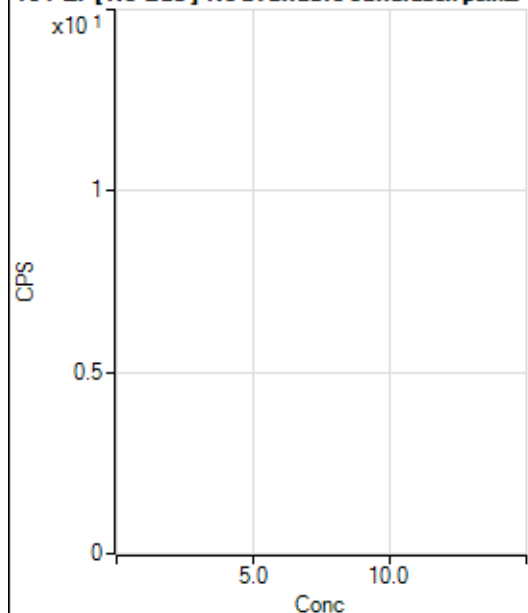
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	137.
2	☐			10.00		P	33.3
3	☐			7.78		P	65.5
4	☐			38.89		P	26.2
5	☐			93.33		P	18.6
6	☐			123.33		P	4.7
7	☐			307.78		P	6.0
8	☐			540.01		P	5.7
9	☐			850.03		P	3.0

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

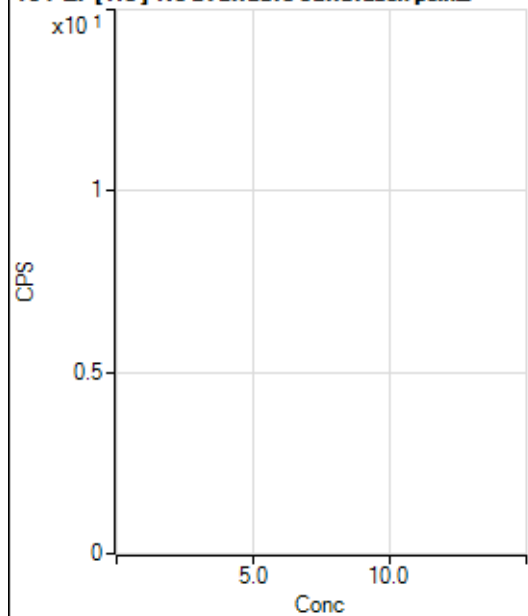
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	39.6
2	☐			97.22		P	21.6
3	☐			97.23		P	19.8
4	☐			113.89		P	11.2
5	☐			147.23		P	19.9
6	☐			180.56		P	5.3
7	☐			172.23		P	17.0
8	☐			313.90		P	1.5
9	☐			872.27		P	9.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			264.45		P	12.1
2	☐			267.78		P	13.3
3	☐			297.78		P	21.4
4	☐			263.34		P	5.1
5	☐			313.34		P	10.3
6	☐			314.45		P	5.4
7	☐			301.12		P	5.6
8	☐			397.79		P	5.3
9	☐			836.70		P	3.3

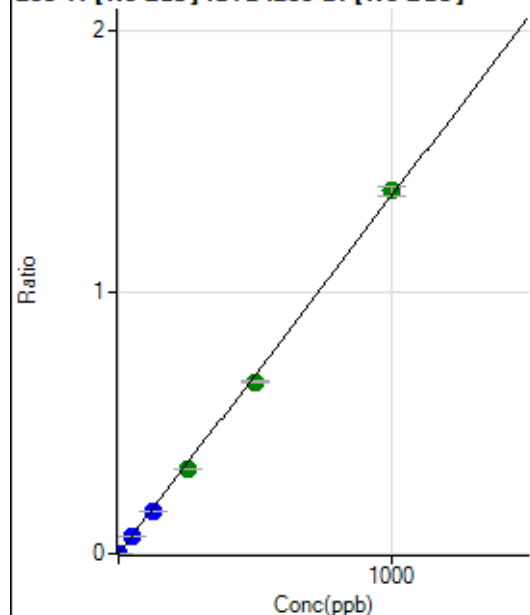
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.44		P	35.7
2	☐			91.67		P	9.1
3	☐			91.67		P	36.4
4	☐			116.67		P	12.4
5	☐			125.00		P	17.6
6	☐			108.34		P	20.3
7	☐			97.22		P	34.6
8	☐			183.34		P	12.0
9	☐			158.34		P	38.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	9.1
2	☐			58.89		P	29.0
3	☐			51.11		P	42.4
4	☐			70.00		P	12.6
5	☐			77.78		P	16.2
6	☐			63.33		P	26.3
7	☐			80.00		P	22.0
8	☐			102.22		P	16.1
9	☐			104.45		P	19.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	750.04	0.0001	P	15.9
2	☐	0.100	0.084	1689.04	0.0002	P	11.8
3	☐	1.000	0.884	10543.24	0.0013	P	4.3
4	☐	50.000	46.800	518627.78	0.0641	P	1.2
5	☐	125.000	115.973	1299941.35	0.1588	P	0.4
6	☐	250.000	237.628	2654354.14	0.3252	A	1.2
7	☐	500.000	480.383	5262504.85	0.6573	A	0.3
8	☐	1000.000	1014.190	10810843.38	1.3877	A	2.3
9	☐			5606.85	0.0009	P	5.7

$$y = 0.0014 * x + 9.3673E-005$$

$$R = 0.9996$$

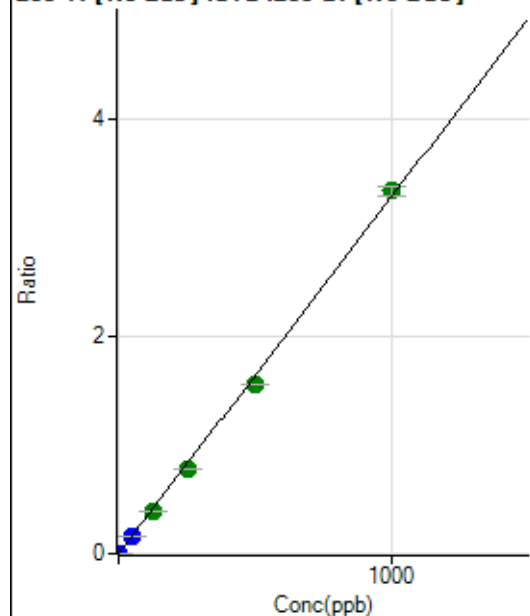
$$DL = 0.03259$$

$$BEC = 0.06847$$

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	1800.17	0.0002	P	3.0
2	☐	0.100	0.072	3750.62	0.0005	P	4.1
3	☐	1.000	0.888	25374.14	0.0031	P	2.7
4	☐	50.000	46.766	1242702.46	0.1537	P	1.2
5	☐	125.000	117.788	3165689.37	0.3867	A	0.7
6	☐	250.000	237.171	6353041.24	0.7783	A	0.5
7	☐	500.000	475.526	12492064.78	1.5603	A	0.2
8	☐	1000.000	1016.507	25982379.22	3.3352	A	2.5
9	☐			13479.24	0.0020	P	2.2

$$y = 0.0033 * x + 2.2476E-004$$

$$R = 0.9995$$

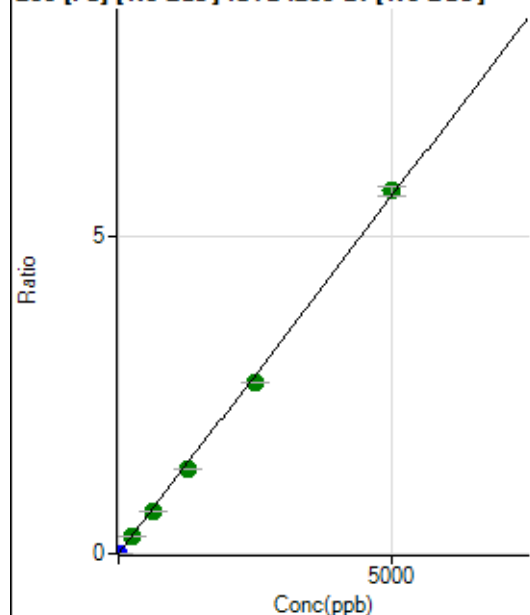
$$DL = 0.006244$$

$$BEC = 0.06851$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	507.42	0.0001	P	6.5
2	☐	0.100	0.066	1120.44	0.0001	P	3.2
3	☐	1.000	0.852	8267.47	0.0010	P	2.9
4	☐	250.000	237.734	2163359.83	0.2675	A	2.5
5	☐	625.000	591.860	5452612.91	0.6660	A	0.8
6	☐	1250.000	1176.796	10807546.89	1.3241	A	0.6
7	☐	2500.000	2394.962	21572985.44	2.6946	A	0.1
8	☐	5000.000	5075.576	44485271.83	5.7106	A	3.0
9	☐			12674.62	0.0019	P	5.8

$$y = 0.0011 * x + 6.3352E-005$$

$$R = 0.9996$$

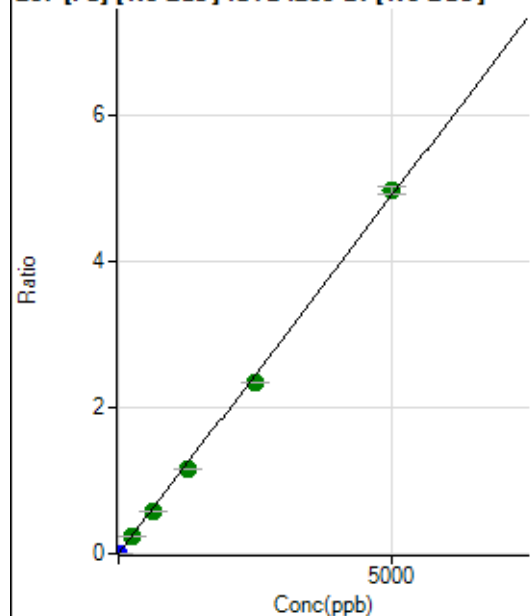
$$DL = 0.011$$

$$BEC = 0.05631$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	366.68	0.0000	P	15.6
2	☐	0.100	0.088	1070.43	0.0001	P	6.2
3	☐	1.000	0.860	7190.91	0.0009	P	1.4
4	☐	250.000	241.672	1917301.53	0.2370	A	0.3
5	☐	625.000	593.916	4768600.80	0.5825	A	0.9
6	☐	1250.000	1190.444	9528707.62	1.1674	A	0.8
7	☐	2500.000	2399.927	18841302.50	2.3535	A	0.4
8	☐	5000.000	5069.227	38729758.27	4.9711	A	2.2
9	☐			10889.73	0.0017	P	2.2

$$y = 9.8063E-004 * x + 4.5828E-005$$

$$R = 0.9996$$

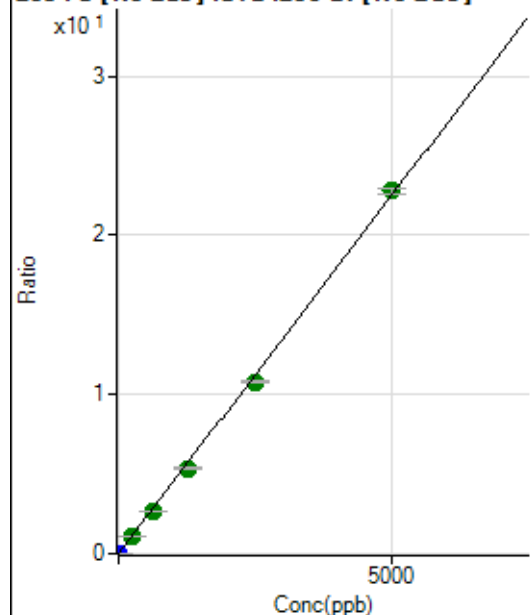
$$DL = 0.02186$$

$$BEC = 0.04673$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1735.25	0.0002	P	2.5
2	☐	0.100	0.085	4848.59	0.0006	P	4.1
3	☐	1.000	0.864	33153.49	0.0041	P	0.6
4	☐	250.000	240.240	8737452.55	1.0803	A	0.8
5	☐	625.000	594.515	21885575.54	2.6732	A	0.6
6	☐	1250.000	1191.012	43707135.58	5.3550	A	1.0
7	☐	2500.000	2403.256	86504875.08	10.8053	A	0.4
8	☐	5000.000	5067.418	177508301.65	22.7834	A	1.9
9	☐			50140.61	0.0076	P	3.2

$$y = 0.0045 * x + 2.1667E-004$$

$$R = 0.9997$$

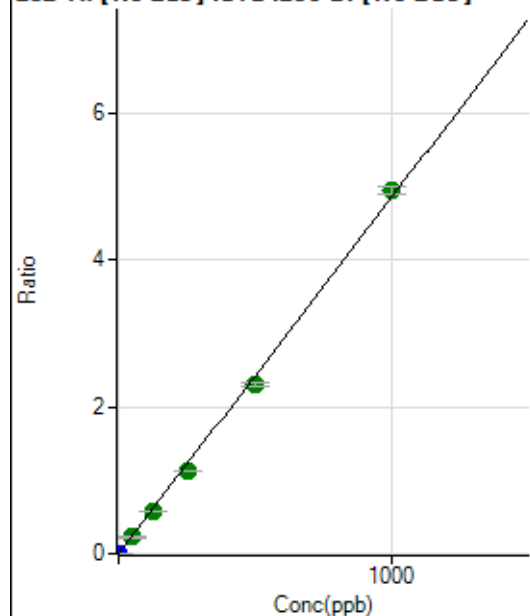
$$DL = 0.003614$$

$$BEC = 0.04819$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	394.46	0.0000	P	15.7
2	☐	0.100	0.073	3261.57	0.0004	P	4.1
3	☐	1.000	0.787	31231.29	0.0039	P	1.0
4	☐	50.000	46.000	1802431.35	0.2229	A	2.1
5	☐	125.000	116.453	4619332.80	0.5642	A	0.2
6	☐	250.000	232.348	9187989.09	1.1257	A	0.4
7	☐	500.000	474.222	18389505.27	2.2974	A	1.7
8	☐	1000.000	1018.570	38443749.47	4.9345	A	2.0
9	☐			5716.15	0.0009	P	8.0

$$y = 0.0048 * x + 4.9302E-005$$

$$R = 0.9994$$

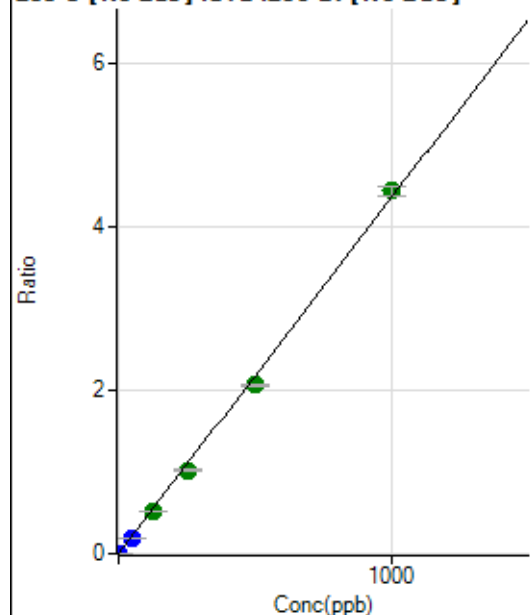
$$DL = 0.004804$$

$$BEC = 0.01018$$

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	52.78	0.0000	P	49.8
2	☐	0.100	0.080	2897.63	0.0004	P	4.0
3	☐	1.000	0.836	29564.66	0.0037	P	1.2
4	☐	50.000	43.378	1531483.42	0.1894	P	0.8
5	☐	125.000	117.880	4213288.85	0.5146	A	0.7
6	☐	250.000	233.315	8312429.09	1.0185	A	1.8
7	☐	500.000	472.957	16526374.33	2.0645	A	1.3
8	☐	1000.000	1018.914	34648406.33	4.4477	A	2.7
9	☐			5662.48	0.0009	P	7.7

$$y = 0.0044 * x + 6.5715E-006$$

$$R = 0.9993$$

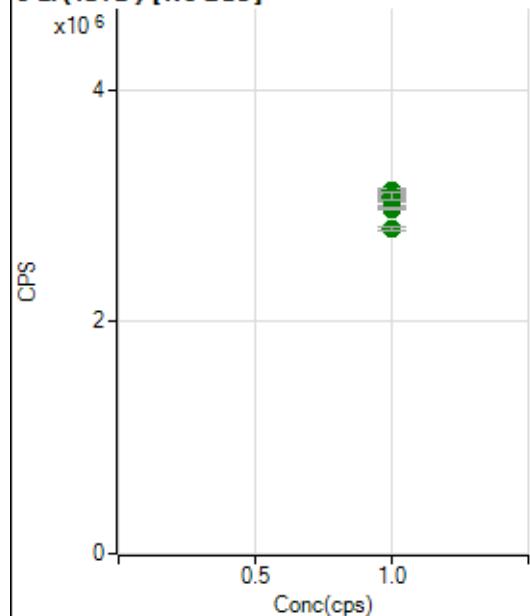
$$DL = 0.002249$$

$$BEC = 0.001505$$

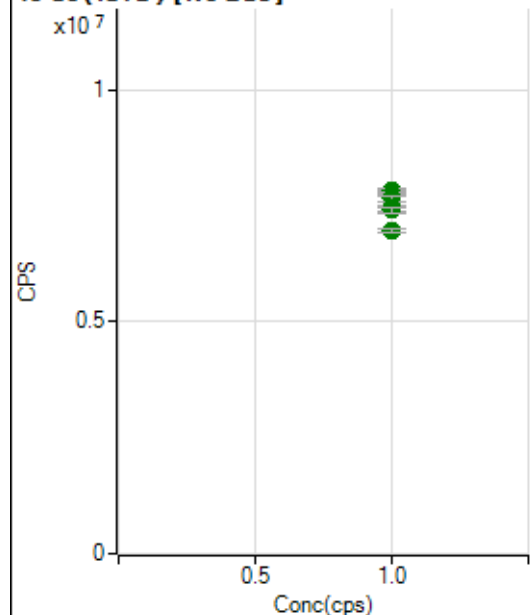
Weight: <None>

Min Conc: 0

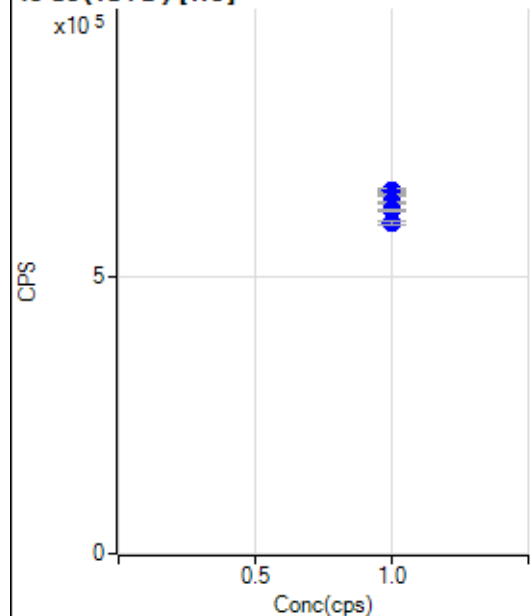
6 Li (ISTD) [No Gas]



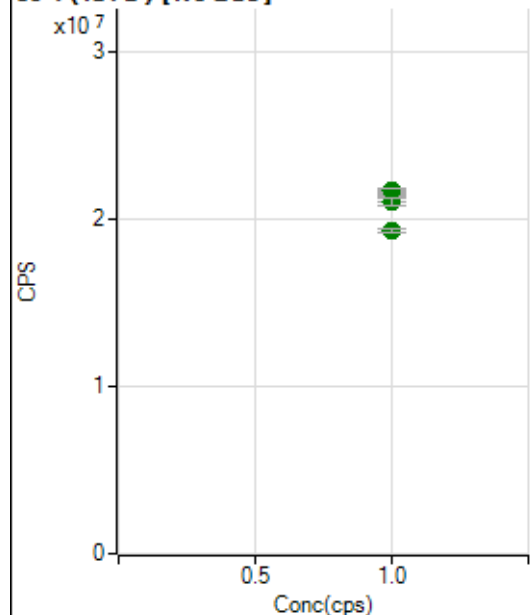
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2990716.59		A	1.0
2	☐	1.000		3053250.62		A	1.2
3	☐	1.000		3090399.68		A	0.6
4	☐	1.000		3115013.32		A	1.4
5	☐	1.000		3126916.59		A	1.5
6	☐	1.000		3064986.07		A	1.4
7	☐	1.000		3089688.98		A	2.2
8	☐	1.000		2970424.30		A	0.5
9	☐	1.000		2803471.59		A	1.2

45 Sc (ISTD) [No Gas]

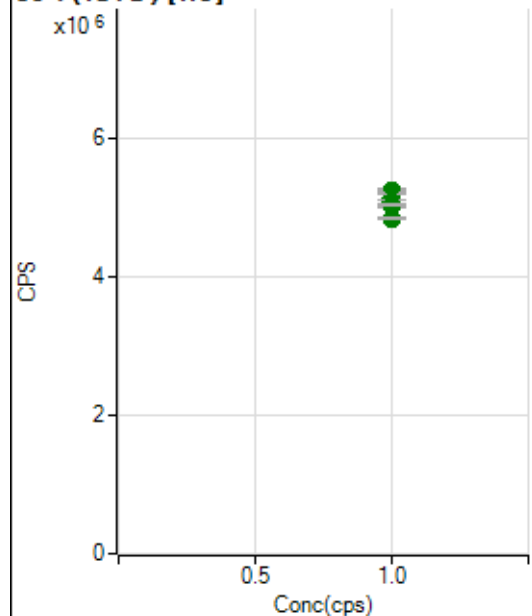
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7777503.63		A	1.2
2	☐	1.000		7759220.02		A	1.4
3	☐	1.000		7814416.55		A	0.3
4	☐	1.000		7818522.52		A	1.9
5	☐	1.000		7767086.55		A	0.6
6	☐	1.000		7651858.77		A	1.9
7	☐	1.000		7441527.25		A	1.8
8	☐	1.000		7408921.35		A	1.8
9	☐	1.000		6944165.73		A	1.2

45 Sc (ISTD) [He]

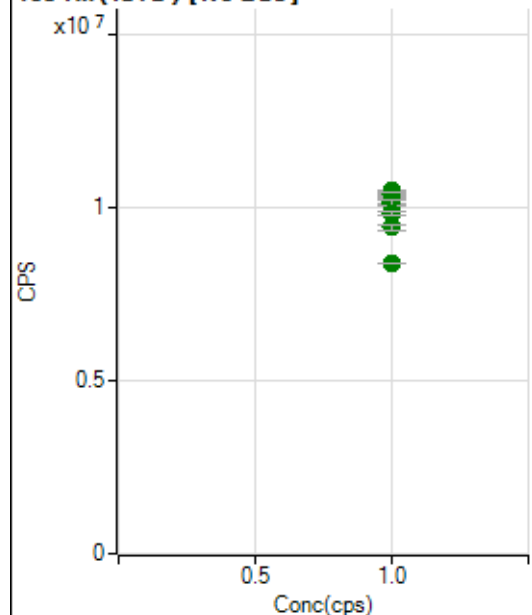
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		655443.39		P	0.6
2	☐	1.000		653135.79		P	0.4
3	☐	1.000		654108.32		P	0.5
4	☐	1.000		656000.38		P	0.9
5	☐	1.000		647211.97		P	0.5
6	☐	1.000		635363.64		P	0.4
7	☐	1.000		622068.15		P	0.3
8	☐	1.000		621343.37		P	0.8
9	☐	1.000		598609.53		P	0.9

89 Y (ISTD) [No Gas]

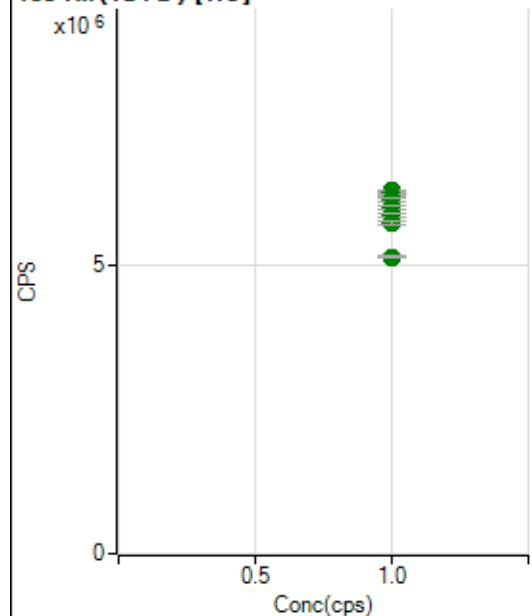
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21681627.04		A	0.6
2	☐	1.000		21526415.51		A	1.2
3	☐	1.000		21441514.68		A	1.8
4	☐	1.000		21601442.87		A	1.5
5	☐	1.000		21444867.87		A	1.2
6	☐	1.000		21696385.93		A	1.4
7	☐	1.000		21225828.57		A	1.5
8	☐	1.000		21057412.88		A	1.9
9	☐	1.000		19316842.49		A	1.1

89 Y (ISTD) [He]

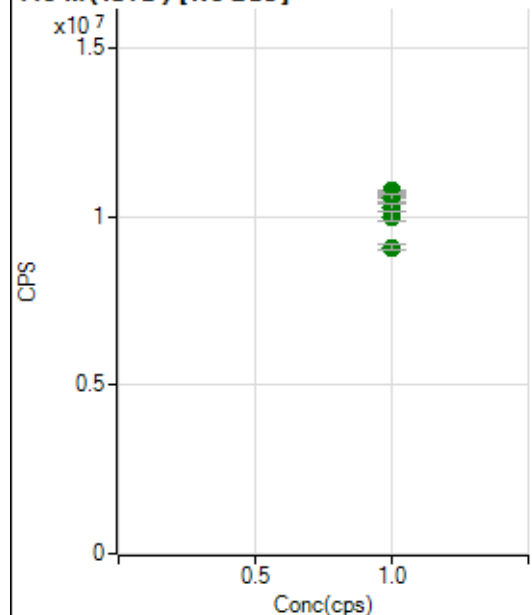
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5236941.41		A	1.4
2	☐	1.000		5245391.17		A	1.4
3	☐	1.000		5230838.95		A	1.0
4	☐	1.000		5214819.47		A	0.1
5	☐	1.000		5153431.63		A	1.4
6	☐	1.000		5092972.95		A	0.9
7	☐	1.000		5032237.08		A	0.9
8	☐	1.000		5036127.84		A	0.4
9	☐	1.000		4848926.59		A	0.6

103 Rh (ISTD) [No Gas]

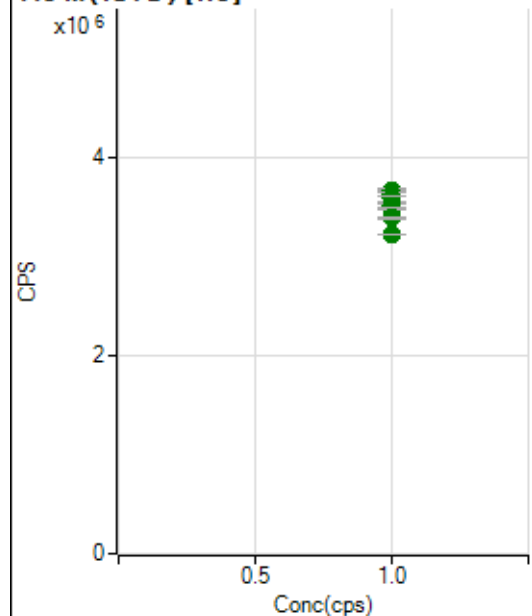
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10413214.64		A	0.3
2	☐	1.000		10499980.61		A	0.8
3	☐	1.000		10399938.67		A	1.4
4	☐	1.000		10381206.65		A	1.6
5	☐	1.000		10186995.26		A	0.8
6	☐	1.000		10143869.78		A	1.9
7	☐	1.000		9841230.13		A	1.1
8	☐	1.000		9449403.54		A	1.8
9	☐	1.000		8406107.59		A	0.5

103 Rh (ISTD) [He]

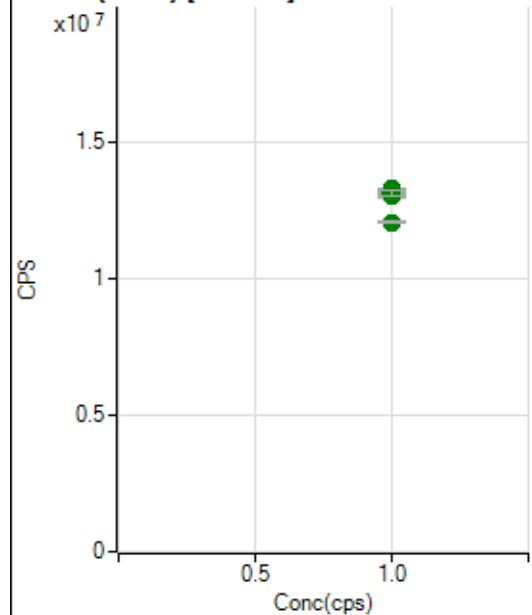
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6265348.73		A	0.3
2	☐	1.000		6302509.00		A	0.9
3	☐	1.000		6275688.45		A	1.6
4	☐	1.000		6227334.49		A	0.3
5	☐	1.000		6145452.06		A	0.7
6	☐	1.000		6016075.12		A	1.4
7	☐	1.000		5887511.30		A	1.1
8	☐	1.000		5752976.09		A	0.9
9	☐	1.000		5155668.36		A	0.8

115 In (ISTD) [No Gas]

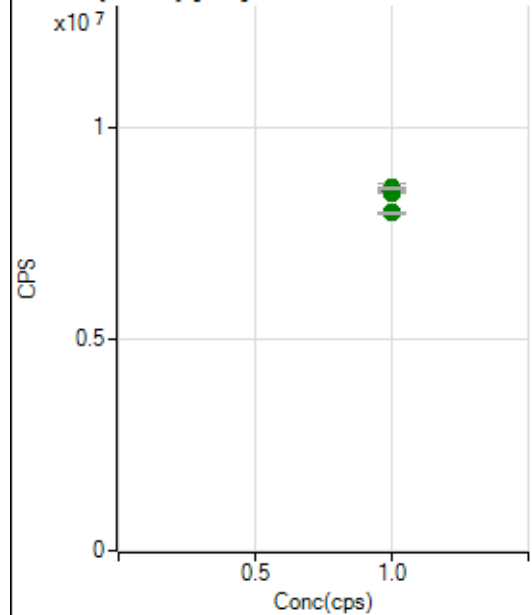
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10678761.28		A	0.1
2	☐	1.000		10776625.90		A	0.4
3	☐	1.000		10698442.15		A	2.0
4	☐	1.000		10764432.52		A	1.0
5	☐	1.000		10684001.66		A	1.0
6	☐	1.000		10582690.24		A	2.2
7	☐	1.000		10281808.07		A	2.2
8	☐	1.000		10015961.02		A	3.0
9	☐	1.000		9092121.93		A	1.9

115 In (ISTD) [He]

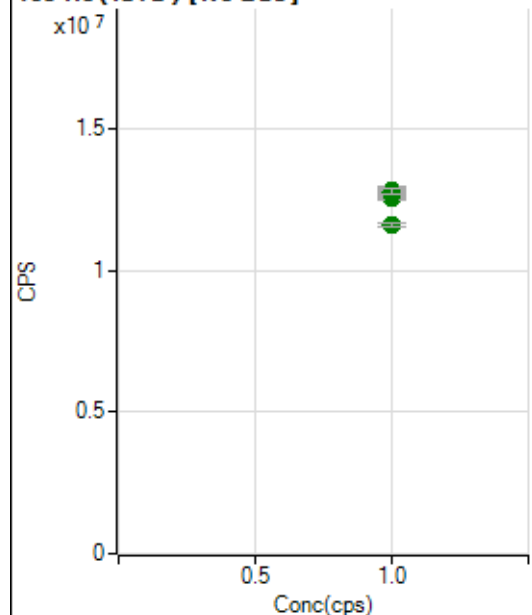
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3632609.84		A	1.5
2	☐	1.000		3656044.19		A	0.4
3	☐	1.000		3661829.97		A	0.9
4	☐	1.000		3627002.25		A	0.7
5	☐	1.000		3585500.06		A	1.4
6	☐	1.000		3511712.96		A	1.5
7	☐	1.000		3490207.89		A	0.6
8	☐	1.000		3390167.64		A	0.6
9	☐	1.000		3216806.27		A	0.2

159 Tb (ISTD) [No Gas]

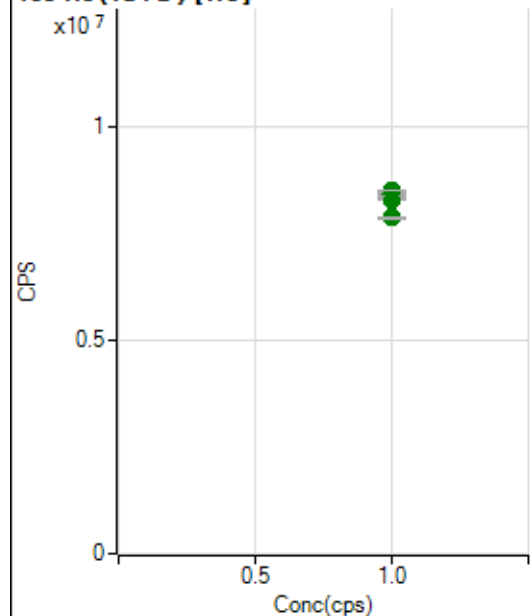
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13064128.83		A	1.1
2	☐	1.000		13068209.67		A	0.9
3	☐	1.000		13145364.53		A	2.3
4	☐	1.000		13294097.02		A	0.7
5	☐	1.000		13231676.05		A	0.9
6	☐	1.000		13243711.89		A	1.5
7	☐	1.000		13140576.19		A	1.6
8	☐	1.000		13174525.22		A	1.6
9	☐	1.000		12064553.99		A	0.6

159 Tb (ISTD) [He]

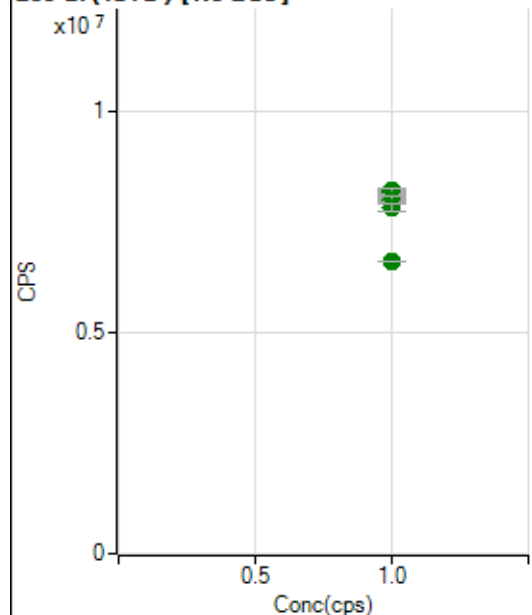
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8554901.26		A	0.3
2	☐	1.000		8469622.44		A	0.9
3	☐	1.000		8490984.32		A	0.4
4	☐	1.000		8525458.90		A	0.5
5	☐	1.000		8570173.21		A	2.0
6	☐	1.000		8498338.55		A	0.7
7	☐	1.000		8542326.82		A	0.4
8	☐	1.000		8552341.26		A	0.6
9	☐	1.000		7976300.58		A	0.8

165 Ho (ISTD) [No Gas]

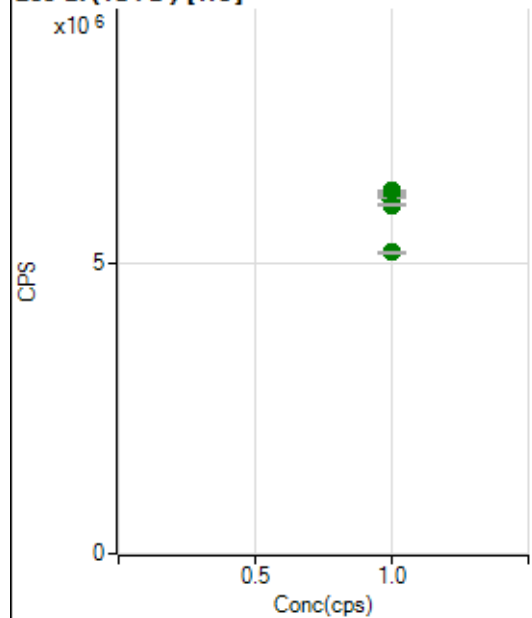
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12530554.39		A	0.9
2	☐	1.000		12577868.84		A	0.7
3	☐	1.000		12586644.26		A	1.4
4	☐	1.000		12657412.17		A	1.0
5	☐	1.000		12771294.67		A	1.2
6	☐	1.000		12794526.06		A	1.9
7	☐	1.000		12727418.14		A	1.4
8	☐	1.000		12768295.78		A	1.7
9	☐	1.000		11597045.94		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8364030.99		A	0.7
2	☐	1.000		8314346.34		A	0.5
3	☐	1.000		8262387.03		A	0.3
4	☐	1.000		8329406.13		A	0.4
5	☐	1.000		8342248.28		A	0.7
6	☐	1.000		8368510.71		A	0.6
7	☐	1.000		8402633.41		A	1.2
8	☐	1.000		8479953.00		A	0.1
9	☐	1.000		7858943.98		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8007673.56		A	0.9
2	☐	1.000		8110790.02		A	2.0
3	☐	1.000		8086405.30		A	1.2
4	☐	1.000		8088465.78		A	1.8
5	☐	1.000		8187523.91		A	1.2
6	☐	1.000		8162709.18		A	1.6
7	☐	1.000		8005904.61		A	1.5
8	☐	1.000		7793226.69		A	2.3
9	☐	1.000		6586290.25		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6235934.14		A	0.8
2	☐	1.000		6200061.16		A	1.3
3	☐	1.000		6206394.97		A	0.4
4	☐	1.000		6219124.98		A	0.6
5	☐	1.000		6180296.78		A	0.4
6	☐	1.000		6149494.98		A	0.1
7	☐	1.000		6079268.38		A	1.6
8	☐	1.000		5992433.73		A	0.4
9	☐	1.000		5183179.96		A	0.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7060322-MS.b
Acq. Date-Time 2022-06-03 16:20:27
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		12246	122457.24			3.214	5.000
24		108860	1088602.90			3.001	5.000
25		14581	145807.48			3.566	5.000
26		16616	166161.69			3.513	5.000
59		29386	293862.21			3.492	5.000
113		13345	133448.16			3.634	5.000
115		37567	375665.90			3.918	5.000
206		17354	173538.00			3.527	5.000
207		14878	148783.06			3.740	5.000
208		36094	360939.78			3.504	5.000
220		0	2.70			28.085	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

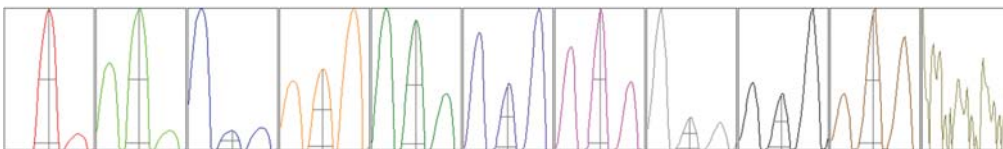
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12447	12438	12467	12330	11548
24	110812	109652	110932	109797	103108
25	14885	14877	14762	14721	13659
26	16922	16920	16892	16768	15578
59	30115	29926	29745	29557	27588
113	13667	13633	13557	13364	12503
115	38346	38250	38339	37948	34950
206	17800	17637	17550	17504	16278
207	15190	15257	15156	14870	13919
208	36785	36775	36652	36410	33848

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22466.00	9.00	8.90 - 9.10	
24	182786.84	23.95	23.90 - 24.10	
25	24515.35	25.00	24.90 - 25.10	
26	28422.29	25.95	25.90 - 26.10	
59	57130.49	59.00	58.90 - 59.10	
113	29784.38	113.00	112.90 - 113.10	
115	87806.42	115.05	114.90 - 115.10	
206	37350.94	205.95	205.90 - 206.10	
207	31590.23	206.95	206.90 - 207.10	
208	78356.24	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.816	0.900	
24	0.63	0.789	0.900	
25	0.62	0.809	0.900	
26	0.61	0.821	0.900	
59	0.53	0.772	0.900	
113	0.45	0.697	0.900	
115	0.44	0.679	0.900	
206	0.47	0.761	0.900	
207	0.47	0.749	0.900	
208	0.46	0.772	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode ---

Nebulizer Gas 0.73 L/min

Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.5 V	Deflect	13.6 V
Extract 2	-145.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0002	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
---------	---------	---------	--------

EM

Discriminator	3.1 mV	Analog HV	2173 V	Pulse HV	1460 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9847	98470.85			0.796	
89		83850	838495.91			1.104	
205		53472	534718.68			0.813	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9859	9861	9912	9890	9712
89	85017	83982	84379	83147	82723
205	53510	53856	53809	53411	52773

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.73 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.9 V	Deflect	2.8 V
-----------	-------	------------	-------	---------	-------

US EPA Tune Check Report

Extract 2	-155.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0002	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
---------	---------	---------	--------

EM

Discriminator	3.1 mV	Analog HV	2173 V	Pulse HV	1460 V
---------------	--------	-----------	--------	----------	--------