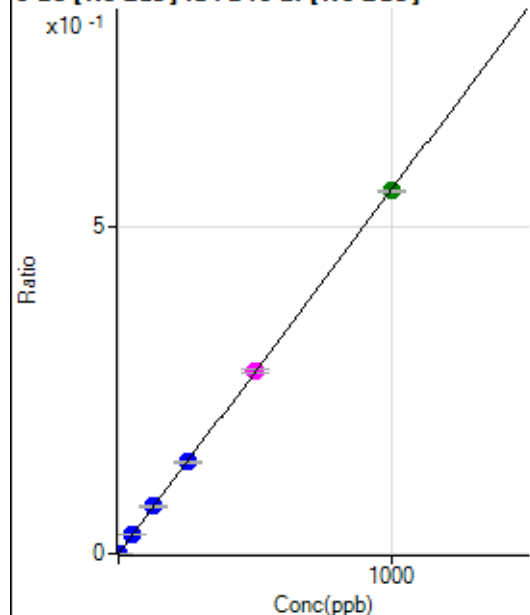


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7070722-MS.b\
 Analysis File: P7070722-MS.batch.bin
 DA Date-Time: 2022-07-07 17:20:06
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-07-07 12:26:30
2	005CALS.d	S01	2022-07-07 12:29:22
3	006CALS.d	S02	2022-07-07 12:32:16
4	007CALS.d	S03	2022-07-07 12:35:08
5	008CALS.d	S04	2022-07-07 12:37:54
6	009CALS.d	S05	2022-07-07 12:40:39
7	010CALS.d	S06	2022-07-07 12:43:26
8	011CALS.d	S07	2022-07-07 12:46:11
9	012CALS.d	S08	2022-07-07 12:48:59

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	32.5
2	☐	0.100	0.093	255.56	0.0001	P	4.6
3	☐	1.000	1.068	2310.19	0.0006	P	4.0
4	☐	50.000	52.904	111302.98	0.0295	P	1.5
5	☐	125.000	129.516	275578.29	0.0721	P	1.0
6	☐	250.000	251.145	530234.27	0.1398	P	1.7
7	☐	500.000	504.247	1012801.41	0.2806	M	2.1
8	☐	1000.000	996.881	1943030.46	0.5547	A	0.6
9	☐			5795.57	0.0018	P	3.1

$$y = 5.5639\text{E-}004 * x + 1.6228\text{E-}005$$

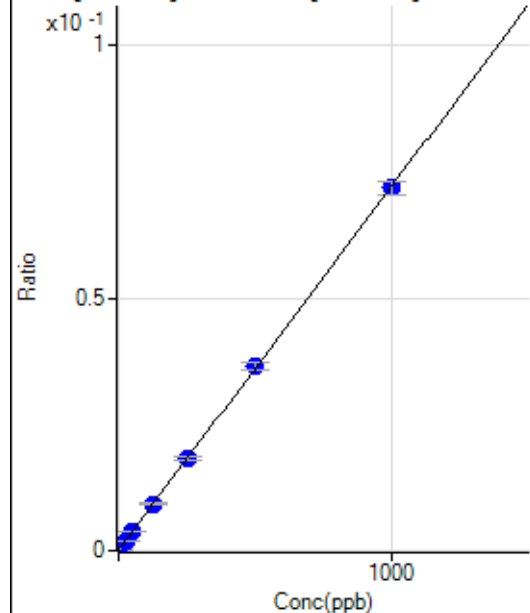
$$R = 1.0000$$

$$DL = 0.02843$$

$$BEC = 0.02917$$

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	494.47	0.0001	P	12.8
2	☐	2.500	2.769	1238.97	0.0003	P	5.8
3	☐	25.000	24.475	7151.82	0.0019	P	3.6
4	☐	50.000	51.041	14365.29	0.0038	P	5.9
5	☐	125.000	125.706	35073.53	0.0092	P	3.6
6	☐	250.000	250.830	68961.84	0.0182	P	3.6
7	☐	500.000	506.721	132069.92	0.0366	P	4.8
8	☐	1000.000	996.304	251619.39	0.0718	P	3.8
9	☐			13103.09	0.0040	P	14.2

$$y = 7.1960\text{E-}005 * x + 1.2888\text{E-}004$$

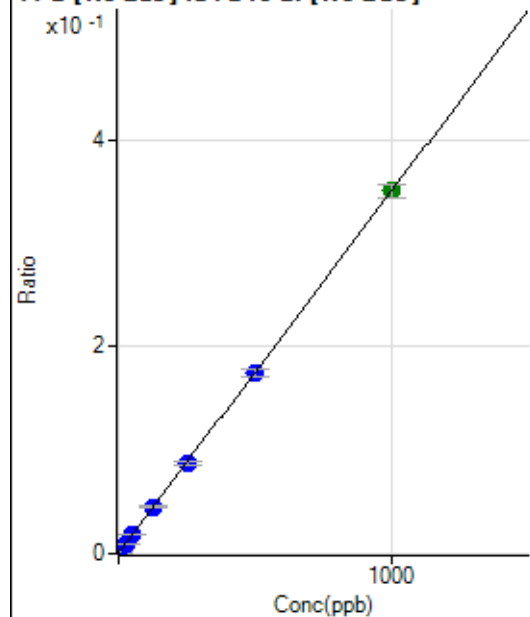
$$R = 1.0000$$

$$DL = 0.6883$$

$$BEC = 1.791$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2347.47	0.0006	P	7.8
2	☐	2.500	2.254	5284.36	0.0014	P	6.6
3	☐	25.000	23.823	33834.75	0.0089	P	4.2
4	☐	50.000	51.546	70393.75	0.0186	P	6.7
5	☐	125.000	127.537	172791.82	0.0452	P	5.0
6	☐	250.000	248.430	331740.40	0.0875	P	5.3
7	☐	500.000	498.782	631553.66	0.1750	P	4.7
8	☐	1000.000	1000.637	1227667.33	0.3504	A	3.4
9	☐			63043.23	0.0192	P	11.5

$$y = 3.4960\text{E-}004 * x + 6.1191\text{E-}004$$

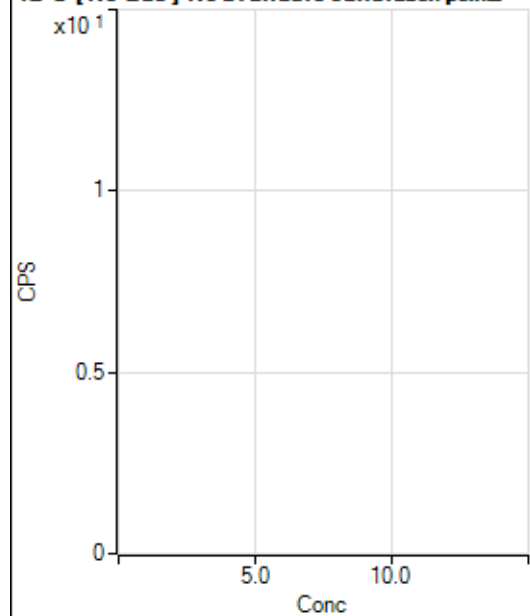
$$R = 1.0000$$

$$DL = 0.4096$$

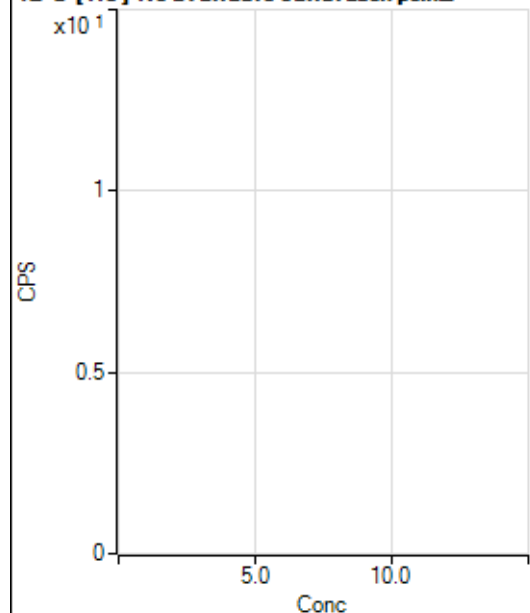
$$BEC = 1.75$$

Weight: <None>

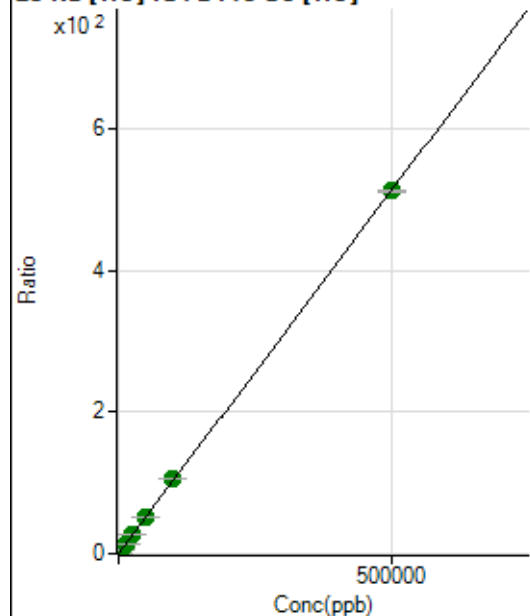
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{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	33455.04	0.0403	P	1.0
2	☐	50.000	44.040	71018.66	0.0855	P	0.3
3	☐	500.000	488.902	453905.93	0.5416	P	1.0
4	☐	5000.000	5069.459	4415678.71	5.2386	A	0.6
5	☐	12500.000	12776.988	10714382.18	13.1419	A	1.3
6	☐	25000.000	25318.162	19976650.22	26.0017	A	0.5
7	☐	50000.000	50200.204	37074999.90	51.5159	A	1.3
8	☐	100000.00	102674.31	72902076.63	105.3232	A	1.4
9	☐	500000.00	499421.60	355357063.5	512.1504	A	0.4

$$y = 0.0010 * x + 0.0403$$

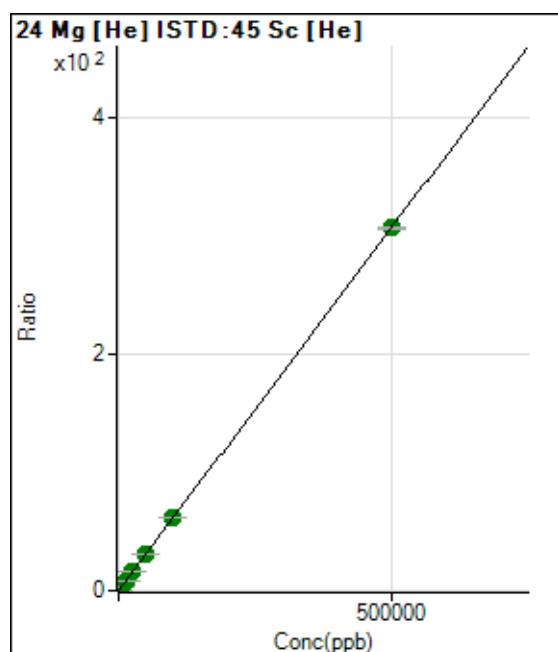
$$R = 1.0000$$

$$DL = 1.233$$

$$BEC = 39.31$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	679.66	0.0008	P	6.4
2	☐	50.000	46.618	24419.63	0.0294	P	1.7
3	☐	500.000	504.763	259946.74	0.3102	P	0.7
4	☐	5000.000	5074.794	2622364.96	3.1111	A	0.6
5	☐	12500.000	12656.239	6324686.14	7.7576	A	0.9
6	☐	25000.000	25351.773	11937810.92	15.5384	A	0.4
7	☐	50000.000	49998.431	22053709.98	30.6438	A	0.5
8	☐	100000.00	100994.80	42844844.01	61.8985	A	1.0
9	☐	500000.00	499778.94	212529075.1	306.3051	A	0.4

$$y = 6.1288E-004 * x + 8.1904E-004$$

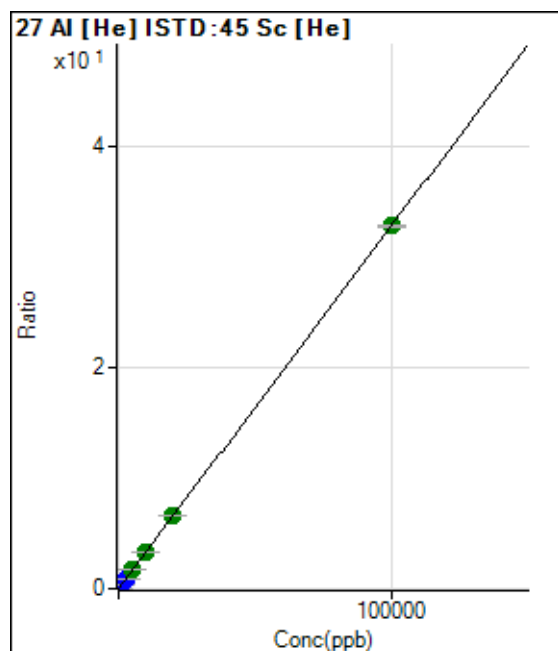
$$R = 1.0000$$

$$DL = 0.2547$$

$$BEC = 1.336$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	292.60	0.0004	P	11.3
2	☒	2.000					
3	☐	20.000	20.628	5971.63	0.0071	P	1.7
4	☐	1000.000	1003.761	278105.31	0.3299	P	0.4
5	☐	2500.000	2508.264	671745.06	0.8239	P	0.5
6	☐	5000.000	5063.106	1277456.93	1.6628	A	0.8
7	☐	10000.000	10102.065	2387391.32	3.3172	A	1.9
8	☐	20000.000	20081.961	4564331.87	6.5940	A	0.6
9	☐	100000.00	99970.002	22775133.84	32.8242	A	0.3

$$y = 3.2834E-004 * x + 3.5268E-004$$

$$R = 1.0000$$

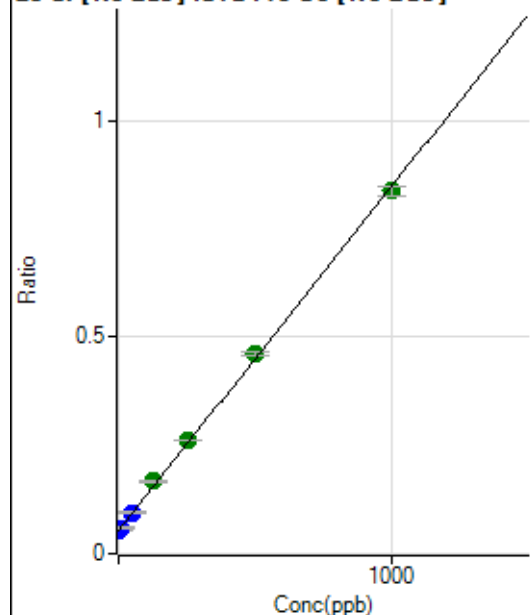
$$DL = 0.364$$

$$BEC = 1.074$$

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	534922.80	0.0535	P	0.5
2	☐	1.000	-0.514	537832.77	0.0531	P	0.7
3	☐	10.000	8.079	611679.72	0.0599	P	0.4
4	☐	50.000	52.584	975821.66	0.0953	P	2.6
5	☐	125.000	143.001	1659568.07	0.1671	A	2.5
6	☐	250.000	261.878	2522487.49	0.2616	A	1.1
7	☐	500.000	515.070	4172040.07	0.4628	A	1.7
8	☐	1000.000	987.137	7229951.46	0.8379	A	2.9
9	☐			3306589.25	0.3937	A	8.4

$$y = 7.9464\text{E-}004 * x + 0.0535$$

$$R = 0.9996$$

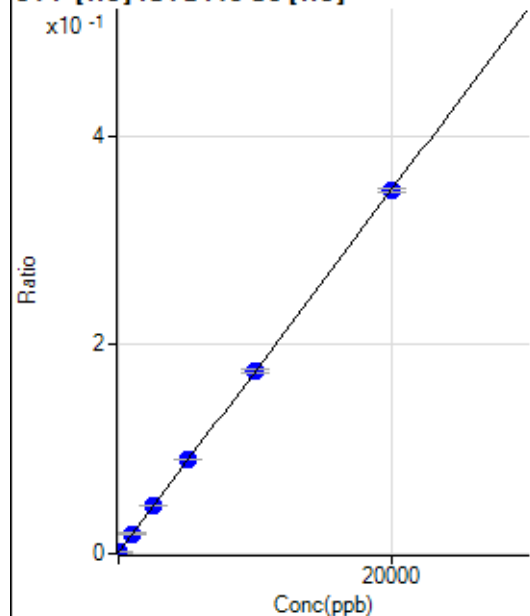
$$DL = 0.9443$$

$$BEC = 67.29$$

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	-6.535	788.93	0.0010	P	2.8
2	☐	0.000	-8.544	761.15	0.0009	P	11.8
3	☐	0.000	15.079	1111.19	0.0013	P	3.7
4	☐	1000.000	1040.537	16139.47	0.0191	P	2.5
5	☐	2500.000	2605.587	37780.50	0.0463	P	1.5
6	☐	5000.000	5103.905	68955.97	0.0898	P	0.8
7	☐	10000.000	10025.564	126140.10	0.1753	P	1.6
8	☐	20000.000	19946.017	240640.29	0.3477	P	1.2
9	☐			1308.43	0.0019	P	9.5

$$y = 1.7377\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

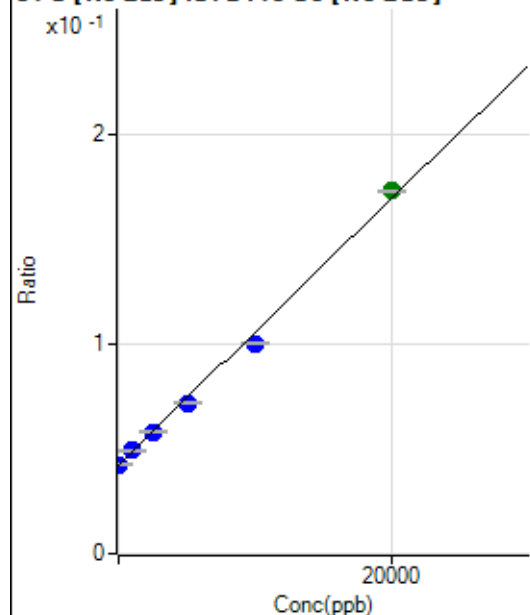
$$DL = 10.53$$

$$BEC = 61.23$$

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	15.285	426520.90	0.0426	P	0.3
2	☐	0.000	-31.641	429119.51	0.0423	P	0.5
3	☐	0.000	16.356	435490.49	0.0426	P	1.2
4	☐	1000.000	1041.312	503634.80	0.0492	P	1.0
5	☐	2500.000	2461.057	577863.18	0.0582	P	0.4
6	☐	5000.000	4623.607	693679.89	0.0719	P	1.0
7	☐	10000.000	9092.278	904487.76	0.1003	P	1.0
8	☐	20000.000	20550.762	1494389.05	0.1732	A	0.3
9	☐			327001.57	0.0390	P	2.3

$$y = 6.3572E-006 * x + 0.0425$$

R = 0.9983

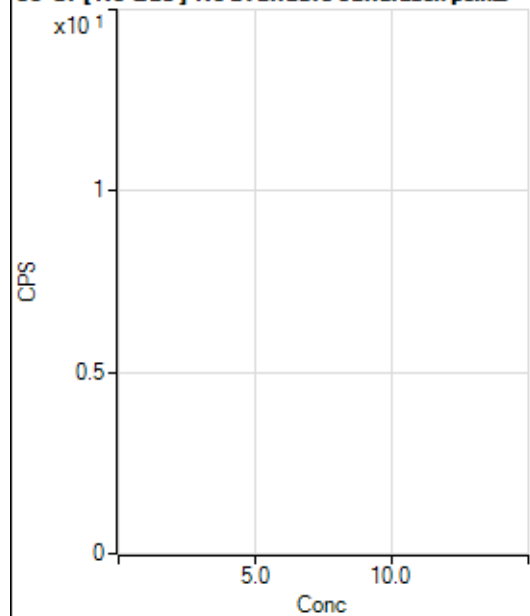
DL = 132.5

BEC = 6691

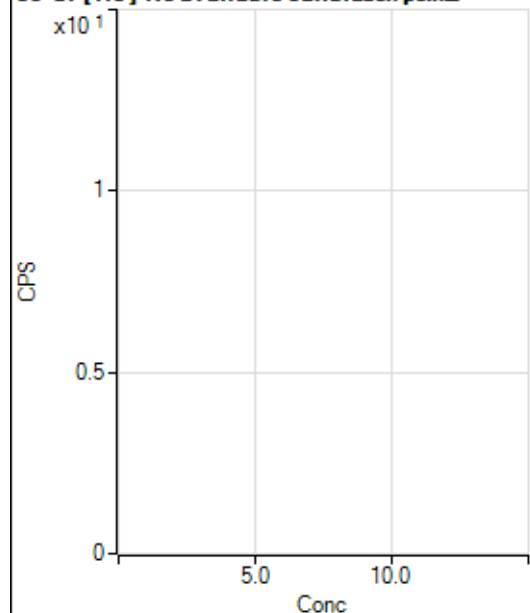
Weight: <None>

Min Conc: 0

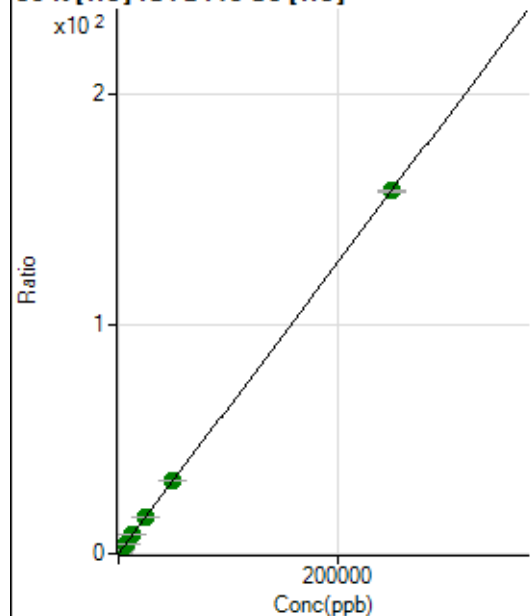
35 Cl [No Gas] No available calibration points



	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	74739.08	0.0901	P	0.2
2	☐	50.000	47.694	99840.36	0.1202	P	1.7
3	☐	500.000	535.993	359055.70	0.4284	P	0.4
4	☐	2500.000	2637.574	1479566.74	1.7552	A	0.6
5	☐	6250.000	6432.624	3384319.30	4.1511	A	1.3
6	☐	12500.000	12609.983	6185483.30	8.0510	A	0.1
7	☐	25000.000	25005.664	11426149.04	15.8767	A	0.3
8	☐	50000.000	50133.167	21971829.49	31.7403	A	0.5
9	☐	250000.00	249961.28	109555031.6	157.8967	A	0.4

$$y = 6.3132E-004 * x + 0.0901$$

$$R = 1.0000$$

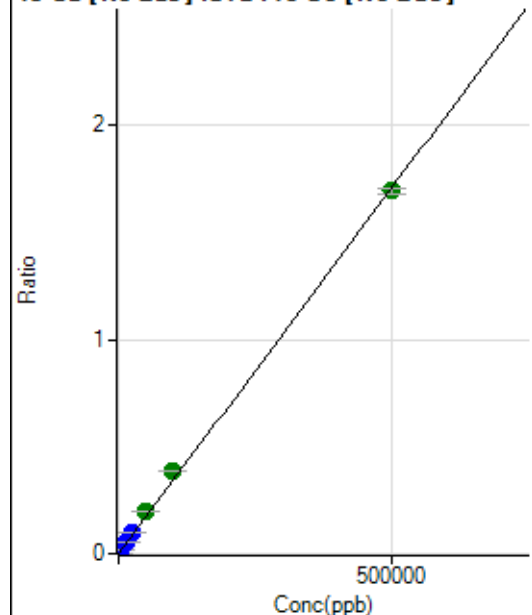
$$DL = 0.874$$

$$BEC = 142.6$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	8.9
2	☐	50.000	48.397	1958.51	0.0002	P	2.9
3	☐	500.000	506.322	17935.97	0.0018	P	3.8
4	☐	5000.000	5914.193	207093.50	0.0202	P	1.2
5	☐	12500.000	14904.361	505500.23	0.0509	P	0.6
6	☐	25000.000	29170.925	960411.31	0.0996	P	0.9
7	☐	50000.000	56959.659	1752697.15	0.1944	A	1.0
8	☐	100000.00	113045.23	3329633.73	0.3859	A	1.2
9	☐	500000.00	496417.18	14208825.14	1.6943	A	1.6

$$y = 3.4130\text{E-}006 * x + 2.8051\text{E-}005$$

$$R = 0.9996$$

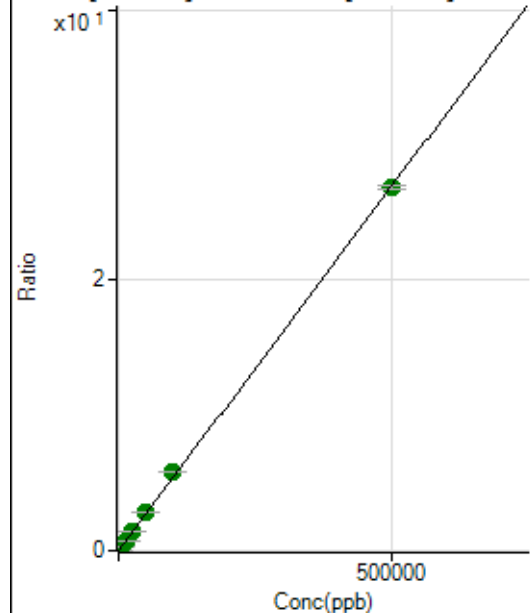
$$DL = 2.202$$

$$BEC = 8.219$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20200.42	0.0020	P	0.3
2	☐	50.000	47.515	46413.89	0.0046	P	1.8
3	☐	500.000	508.883	300648.74	0.0294	P	0.1
4	☐	5000.000	5436.425	3021643.84	0.2949	A	1.0
5	☐	12500.000	13655.680	7327117.00	0.7378	A	1.0
6	☐	25000.000	26723.298	13904887.98	1.4418	A	0.2
7	☐	50000.000	53104.502	25810799.54	2.8631	A	0.4
8	☐	100000.00	107609.19	50045996.95	5.7997	A	0.9
9	☐	500000.00	498048.28	225064977.2	26.8355	A	1.0

$$y = 5.3877\text{E-}005 * x + 0.0020$$

$$R = 0.9999$$

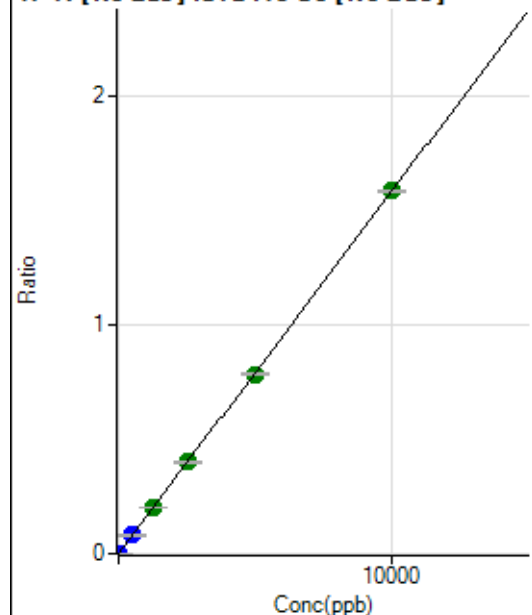
$$DL = 0.355$$

$$BEC = 37.48$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	12.9
2	☐	0.500	0.485	977.83	0.0001	P	5.9
3	☐	5.000	4.865	8057.91	0.0008	P	4.0
4	☐	500.000	507.473	822196.86	0.0803	P	2.8
5	☐	1250.000	1272.383	1998112.74	0.2012	A	2.7
6	☐	2500.000	2527.394	3854133.98	0.3996	A	0.5
7	☐	5000.000	4944.236	7047805.67	0.7818	A	1.2
8	☐	10000.000	10017.862	13668573.83	1.5840	A	0.3
9	☐			40677.66	0.0048	P	0.9

$$y = 1.5812E-004 * x + 1.9714E-005$$

$$R = 1.0000$$

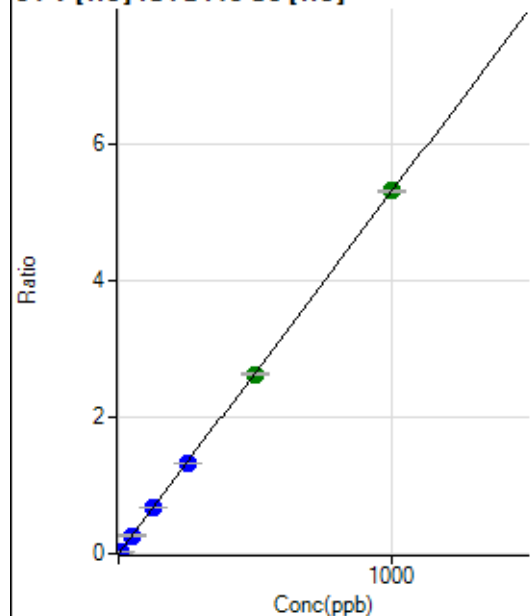
$$DL = 0.04826$$

$$BEC = 0.1247$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	53.4
2	☐	0.500	0.447	1986.82	0.0024	P	3.7
3	☐	5.000	4.950	22029.47	0.0263	P	0.6
4	☐	50.000	50.461	225734.34	0.2678	P	0.7
5	☐	125.000	126.154	545807.11	0.6695	P	0.9
6	☐	250.000	248.992	1015140.03	1.3213	P	0.5
7	☐	500.000	495.061	1890688.17	2.6271	A	0.8
8	☐	1000.000	1002.554	3682765.43	5.3202	A	0.6
9	☐			11584.55	0.0167	P	2.7

$$y = 0.0053 * x + 2.0110E-005$$

$$R = 1.0000$$

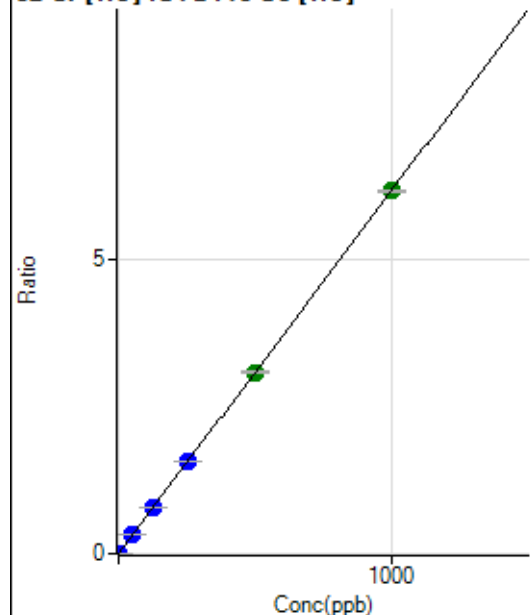
$$DL = 0.006072$$

$$BEC = 0.00379$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1665.67	0.0020	P	2.7
2	☐	0.200	0.194	2656.92	0.0032	P	4.9
3	☐	2.000	1.996	11968.16	0.0143	P	3.3
4	☐	50.000	50.924	265621.62	0.3151	P	0.8
5	☐	125.000	127.604	641311.76	0.7866	P	0.8
6	☐	250.000	253.128	1197278.53	1.5584	P	0.2
7	☐	500.000	498.483	2207247.50	3.0670	A	0.9
8	☐	1000.000	999.605	4255985.84	6.1483	A	0.2
9	☐			24783.79	0.0357	P	1.8

$$y = 0.0061 * x + 0.0020$$

$$R = 1.0000$$

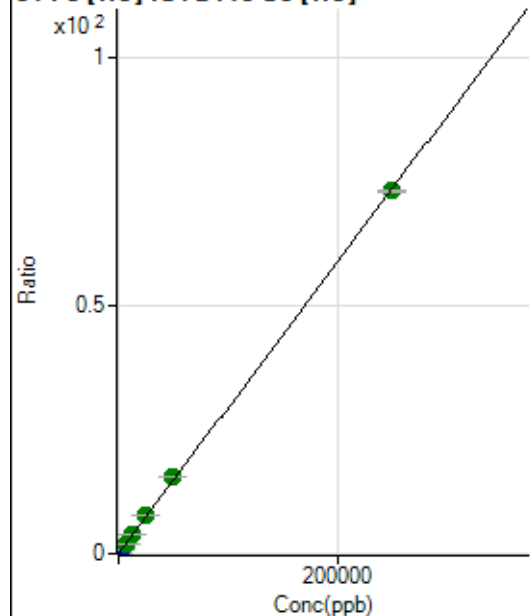
$$DL = 0.02641$$

$$BEC = 0.3264$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1618.43	0.0020	P	18.5
2	☐	5.000	6.231	3140.23	0.0038	P	9.5
3	☐	50.000	54.034	14932.77	0.0178	P	2.1
4	☐	2500.000	2796.255	693770.99	0.8230	P	0.1
5	☐	6250.000	6783.456	1625541.32	1.9938	A	1.2
6	☐	12500.000	13522.047	3051970.32	3.9726	A	0.5
7	☐	25000.000	26406.285	5581632.74	7.7559	A	0.5
8	☐	50000.000	53101.090	10794975.85	15.5945	A	0.5
9	☐	250000.00	249171.75	50766921.39	73.1687	A	0.7

$$y = 2.9364E-004 * x + 0.0020$$

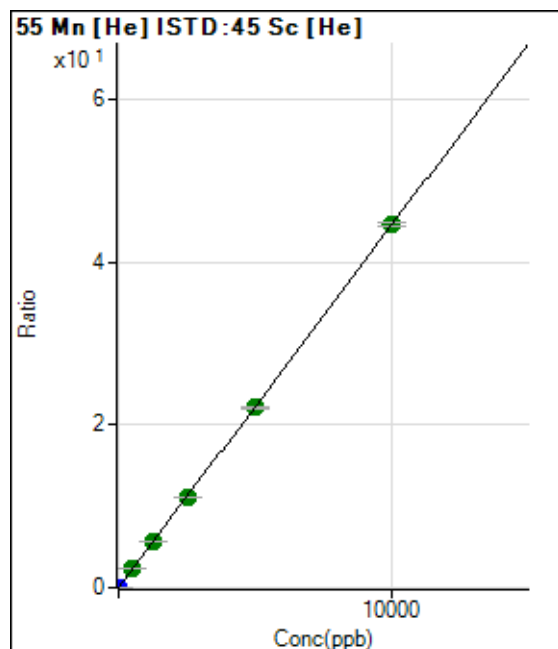
$$R = 0.9999$$

$$DL = 3.679$$

$$BEC = 6.645$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	217.78	0.0003	P	8.0
2	☐	0.100	0.121	666.69	0.0008	P	6.1
3	☐	1.000	1.067	4207.30	0.0050	P	6.2
4	☐	500.000	507.376	1907577.42	2.2630	A	0.4
5	☐	1250.000	1268.825	4613683.30	5.6589	A	0.7
6	☐	2500.000	2509.908	8600207.65	11.1938	A	0.4
7	☐	5000.000	4965.899	15938632.13	22.1469	A	0.8
8	☐	10000.000	10011.852	30907025.93	44.6506	A	0.9
9	☐			105458.31	0.1520	P	1.1

$$y = 0.0045 * x + 2.6247E-004$$

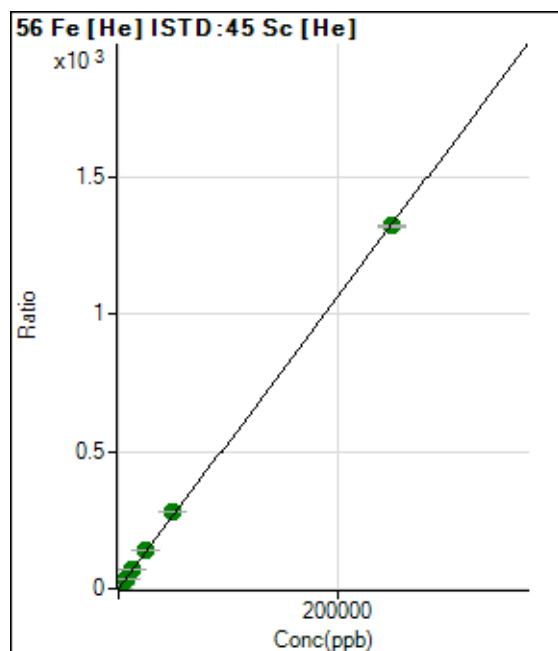
$$R = 1.0000$$

$$DL = 0.01418$$

$$BEC = 0.05885$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16861.58	0.0203	P	1.2
2	☐	5.000	5.390	40630.98	0.0489	P	1.3
3	☐	50.000	53.306	253923.45	0.3030	P	1.3
4	☐	2500.000	2656.634	11892849.45	14.1087	A	0.3
5	☐	6250.000	6698.291	28976794.63	35.5421	A	1.1
6	☐	12500.000	13210.467	53838362.31	70.0769	A	0.2
7	☐	25000.000	26133.523	99752903.15	138.6092	A	0.6
8	☐	50000.000	52657.680	193300658.0	279.2697	A	1.1
9	☐	250000.00	249306.81	917340842.7	1322.121	A	0.5

$$y = 0.0053 * x + 0.0203$$

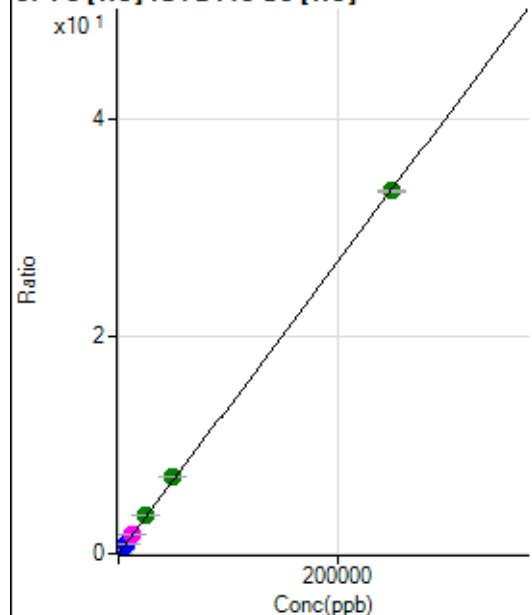
$$R = 0.9999$$

$$DL = 0.1428$$

$$BEC = 3.831$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	777.81	0.0009	P	13.7
2	☐	5.000	4.743	1305.64	0.0016	P	8.8
3	☐	50.000	55.472	7005.43	0.0084	P	4.5
4	☐	2500.000	2698.208	305122.72	0.3620	P	0.5
5	☐	6250.000	6757.100	737907.17	0.9051	P	0.9
6	☐	12500.000	13194.963	1357075.05	1.7665	M	1.0
7	☐	25000.000	25896.957	2494382.37	3.4661	A	0.7
8	☐	50000.000	52576.086	4869918.45	7.0359	A	1.1
9	☐	250000.00	249345.67	23149637.09	33.3645	A	0.4

$$y = 1.3380E-004 * x + 9.3759E-004$$

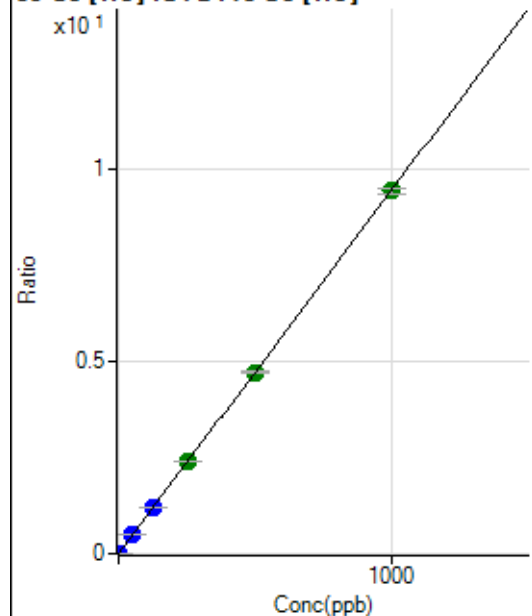
$$R = 0.9999$$

$$DL = 2.886$$

$$BEC = 7.007$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	98.89	0.0001	P	2.1
2	☐	0.100	0.102	897.81	0.0011	P	2.4
3	☐	1.000	1.015	8147.84	0.0097	P	2.5
4	☐	50.000	51.627	411830.54	0.4886	P	0.3
5	☐	125.000	128.600	992059.01	1.2168	P	0.4
6	☐	250.000	254.854	1852549.45	2.4113	A	0.7
7	☐	500.000	499.854	3403490.23	4.7292	A	0.6
8	☐	1000.000	998.328	6537480.53	9.4453	A	1.5
9	☐			36843.97	0.0531	P	1.0

$$y = 0.0095 * x + 1.1915E-004$$

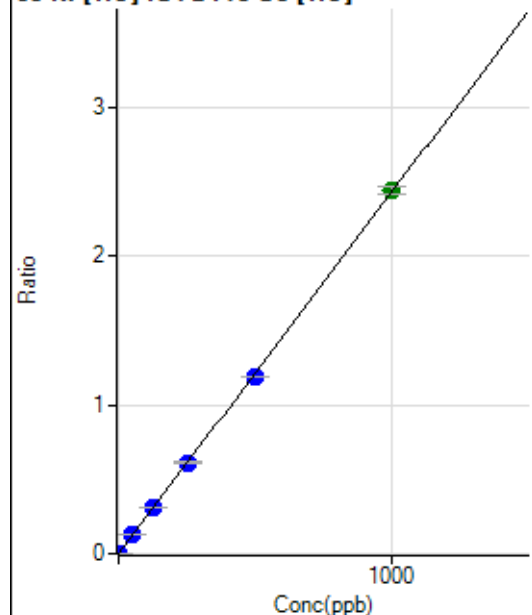
$$R = 1.0000$$

$$DL = 0.0007747$$

$$BEC = 0.01259$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0002	P	19.7
2	☐	0.100	0.107	363.34	0.0004	P	11.1
3	☐	1.000	1.003	2189.07	0.0026	P	0.7
4	☐	50.000	51.844	106222.55	0.1260	P	1.1
5	☐	125.000	128.372	254172.85	0.3118	P	0.8
6	☐	250.000	251.994	470059.41	0.6118	P	0.6
7	☐	500.000	489.974	855983.64	1.1894	P	0.5
8	☐	1000.000	1004.001	1686769.21	2.4370	A	2.1
9	☐			10144.62	0.0146	P	3.0

$$y = 0.0024 * x + 1.7674E-004$$

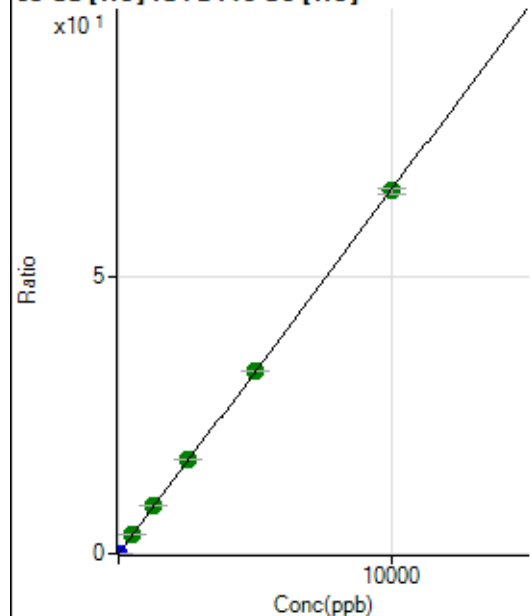
$$R = 0.9999$$

$$DL = 0.0431$$

$$BEC = 0.07282$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	823.36	0.0010	P	7.5
2	☐	0.200	0.213	1987.93	0.0024	P	5.5
3	☐	2.000	2.070	12248.44	0.0146	P	1.7
4	☐	500.000	532.240	2953199.54	3.5034	A	0.9
5	☐	1250.000	1307.256	7014129.96	8.6035	A	1.7
6	☐	2500.000	2572.392	13005941.20	16.9288	A	0.2
7	☐	5000.000	5014.664	23749457.42	33.0004	A	0.3
8	☐	10000.000	9965.801	45392382.10	65.5818	A	1.4
9	☐			128192.29	0.1848	P	0.7

$$y = 0.0066 * x + 9.9231E-004$$

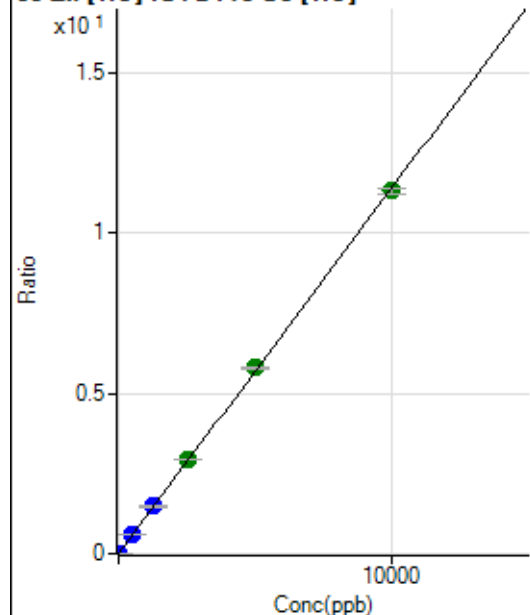
$$R = 1.0000$$

$$DL = 0.03402$$

$$BEC = 0.1508$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.12	0.0005	P	6.5
2	☒	0.200					
3	☐	2.000	2.526	2858.07	0.0034	P	2.5
4	☐	500.000	525.296	505065.69	0.5992	P	0.1
5	☐	1250.000	1294.018	1202737.66	1.4752	P	0.9
6	☐	2500.000	2579.953	2259435.69	2.9407	A	1.0
7	☐	5000.000	5084.499	4170450.25	5.7950	A	0.3
8	☐	10000.000	9930.995	7833824.05	11.3182	A	1.6
9	☐			43066.34	0.0621	P	0.9

$$y = 0.0011 * x + 5.3155E-004$$

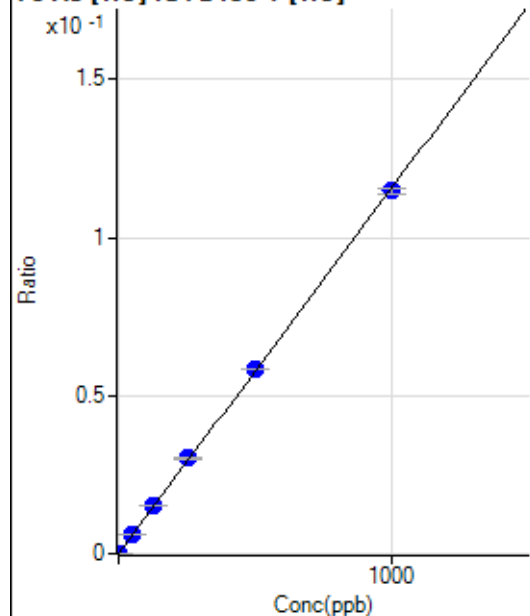
$$R = 0.9999$$

$$DL = 0.09065$$

$$BEC = 0.4664$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.96	0.0000	P	65.4
2	☐	0.100	0.095	67.90	0.0000	P	21.6
3	☐	1.000	1.123	662.98	0.0001	P	2.1
4	☐	50.000	53.301	30995.85	0.0062	P	0.4
5	☐	125.000	132.156	75165.16	0.0153	P	1.5
6	☐	250.000	261.226	140212.94	0.0302	P	0.9
7	☐	500.000	505.972	260170.14	0.0585	P	0.4
8	☐	1000.000	993.148	500085.77	0.1148	P	1.6
9	☐			1571.70	0.0004	P	2.0

$$y = 1.1557E-004 * x + 2.5936E-006$$

$$R = 0.9999$$

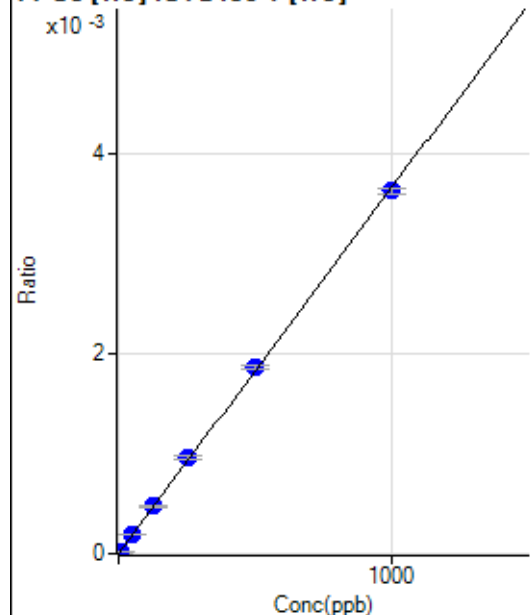
$$DL = 0.04403$$

$$BEC = 0.02244$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.3
2	☐	0.500	0.062	4.44	0.0000	P	115.
3	☐	5.000	4.182	80.00	0.0000	P	17.6
4	☐	50.000	52.028	960.04	0.0002	P	4.7
5	☐	125.000	130.612	2353.55	0.0005	P	4.8
6	☐	250.000	261.667	4445.16	0.0010	P	4.9
7	☐	500.000	509.070	8285.72	0.0019	P	1.3
8	☐	1000.000	991.750	15805.22	0.0036	P	1.7
9	☐			53.34	0.0000	P	11.6

$$y = 3.6572\text{E-}006 * x + 6.6372\text{E-}007$$

$$R = 0.9999$$

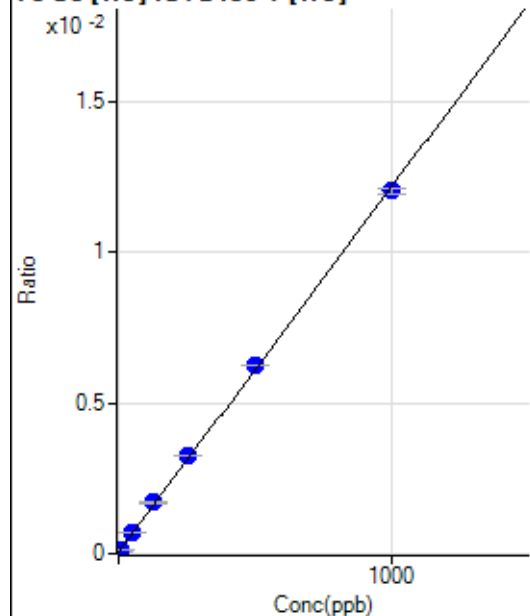
$$DL = 0.5407$$

$$BEC = 0.1815$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.05	0.0001	P	2.6
2	☐	0.500	0.861	317.29	0.0001	P	2.2
3	☐	5.000	5.382	593.23	0.0001	P	3.5
4	☐	50.000	54.845	3612.81	0.0007	P	3.3
5	☐	125.000	135.506	8349.91	0.0017	P	1.3
6	☐	250.000	264.354	15138.00	0.0033	P	1.4
7	☐	500.000	511.495	27842.12	0.0063	P	0.8
8	☐	1000.000	989.107	52510.26	0.0121	P	1.2
9	☐			403.10	0.0001	P	3.6

$$y = 1.2131\text{E-}005 * x + 5.3146\text{E-}005$$

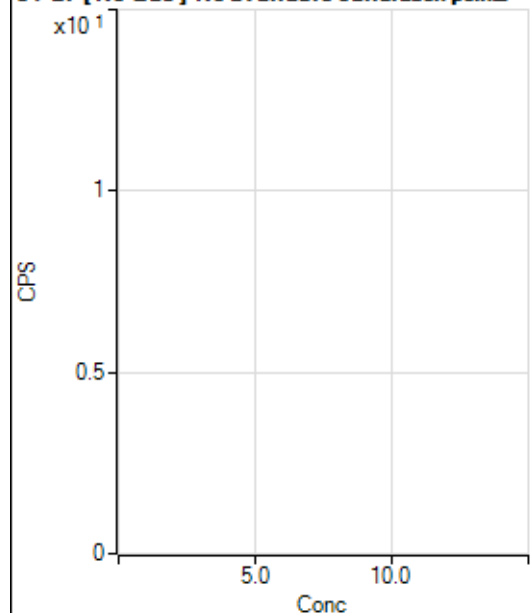
$$R = 0.9998$$

$$DL = 0.3409$$

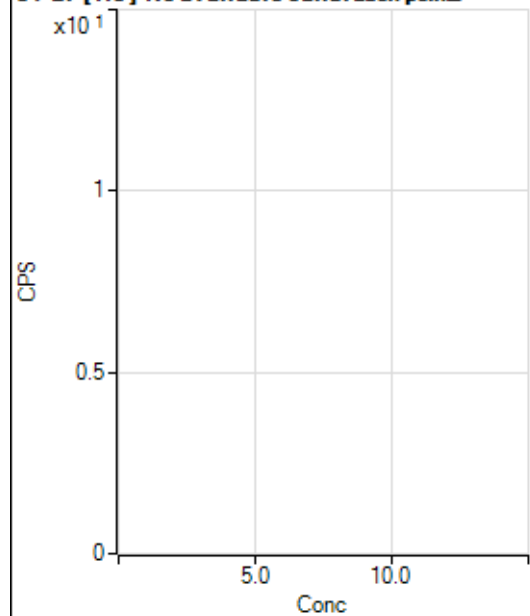
$$BEC = 4.381$$

Weight: <None>

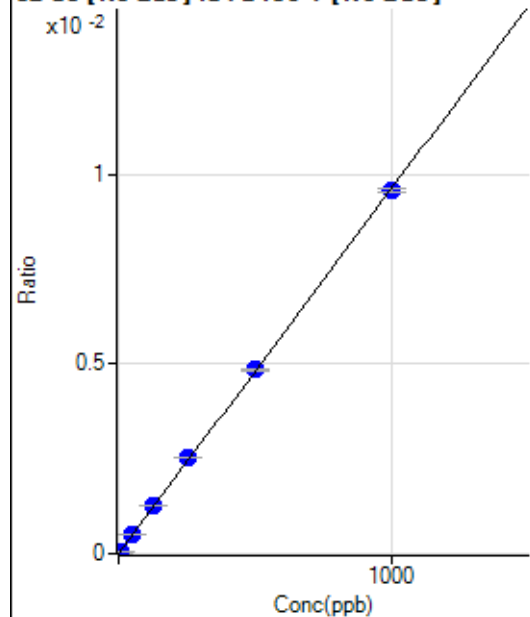
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22603.93		P	3.3
2	☐			21986.27		P	2.5
3	☐			22417.56		P	2.4
4	☐			22292.32		P	1.1
5	☐			21777.64		P	3.5
6	☐			20422.98		P	2.6
7	☐			18453.68		P	1.1
8	☐			18125.44		P	1.9
9	☐			17864.01		P	0.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			103.44		P	24.4
2	☐			90.09		P	11.1
3	☐			93.43		P	12.4
4	☐			83.42		P	48.5
5	☐			93.43		P	27.0
6	☐			103.44		P	40.3
7	☐			170.18		P	27.0
8	☐			116.79		P	26.2
9	☐			110.11		P	31.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.90	0.0000	P	417.
2	☐	0.500	0.350	77.73	0.0000	P	118.
3	☐	5.000	5.344	1078.62	0.0001	P	2.6
4	☐	50.000	53.850	10854.00	0.0005	P	2.9
5	☐	125.000	131.998	26171.99	0.0013	P	2.9
6	☐	250.000	261.567	50929.98	0.0025	P	0.0
7	☐	500.000	504.477	94713.23	0.0049	P	0.7
8	☐	1000.000	993.801	178105.55	0.0096	P	0.9
9	☐			696.02	0.0000	P	16.1

$$y = 9.6346E-006 * x + 3.8736E-007$$

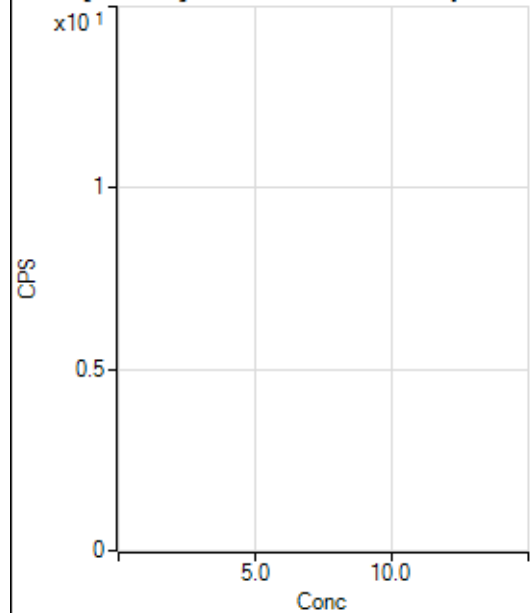
$$R = 0.9999$$

$$DL = 0.5033$$

$$BEC = 0.04021$$

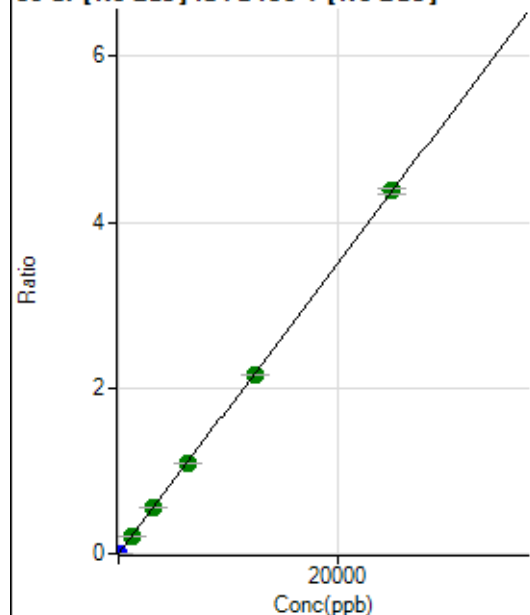
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			993.38		P	3.7
2	☐			1025.60		P	7.2
3	☐			984.49		P	1.0
4	☐			1032.27		P	5.1
5	☐			1013.38		P	8.0
6	☐			953.37		P	1.7
7	☐			940.04		P	5.0
8	☐			941.15		P	5.0
9	☐			882.26		P	10.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1666.82	0.0001	P	14.4
2	☐	0.100	0.055	1872.40	0.0001	P	8.9
3	☐	1.000	0.959	5170.47	0.0002	P	3.9
4	☐	1250.000	1256.350	4585990.64	0.2194	A	0.9
5	☐	3125.000	3157.340	11341034.71	0.5511	A	0.8
6	☐	6250.000	6260.770	22081619.76	1.0928	A	0.1
7	☐	12500.000	12317.696	41891861.70	2.1500	A	0.3
8	☐	25000.000	25084.099	81431618.48	4.3781	A	1.8
9	☐			246842.92	0.0140	P	0.7

$$y = 1.7454E-004 * x + 8.1294E-005$$

$$R = 1.0000$$

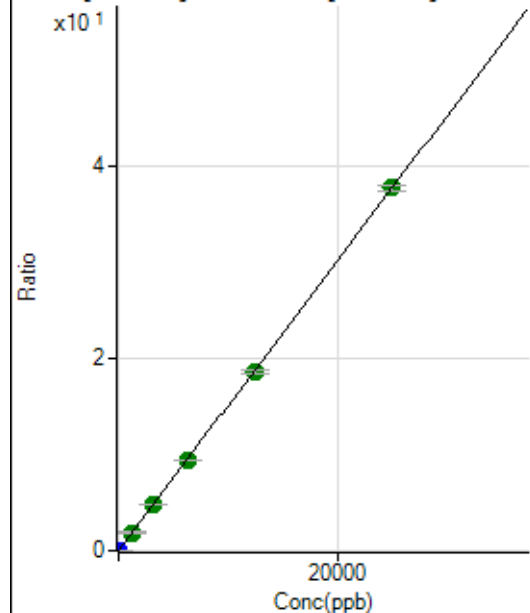
$$DL = 0.2018$$

$$BEC = 0.4658$$

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	508.35	0.0000	P	14.7
2	☐	0.100	0.089	3269.89	0.0002	P	9.9
3	☐	1.000	0.987	31317.37	0.0015	P	0.2
4	☐	1250.000	1258.107	39488845.67	1.8889	A	0.9
5	☐	3125.000	3155.956	97492425.79	4.7382	A	1.3
6	☐	6250.000	6250.476	189628902.8	9.3842	A	1.4
7	☐	12500.000	12348.648	361244405.3	18.5397	A	1.4
8	☐	25000.000	25071.282	700114043.4	37.6408	A	1.7
9	☐			2141012.78	0.1212	A	0.7

$$y = 0.0015 * x + 2.4796E-005$$

$$R = 1.0000$$

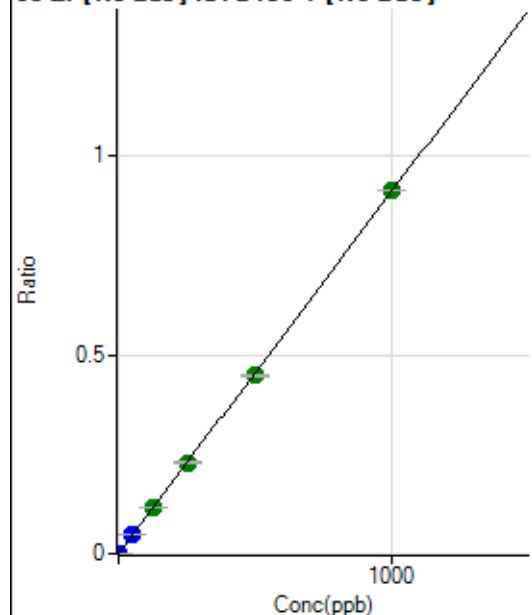
$$DL = 0.007281$$

$$BEC = 0.01652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	972.28	0.0000	P	1.7
2	☐	0.100	0.080	2469.72	0.0001	P	4.1
3	☐	1.000	0.968	19282.49	0.0009	P	2.6
4	☐	50.000	51.257	975280.03	0.0467	P	1.8
5	☐	125.000	127.615	2388475.31	0.1161	A	1.1
6	☐	250.000	251.609	4623603.23	0.2288	A	0.9
7	☐	500.000	493.039	8735767.21	0.4483	A	1.1
8	☐	1000.000	1002.689	16959008.19	0.9117	A	0.2
9	☐			58185.46	0.0033	P	1.0

$$y = 9.0923\text{E-}004 * x + 4.7407\text{E-}005$$

$$R = 1.0000$$

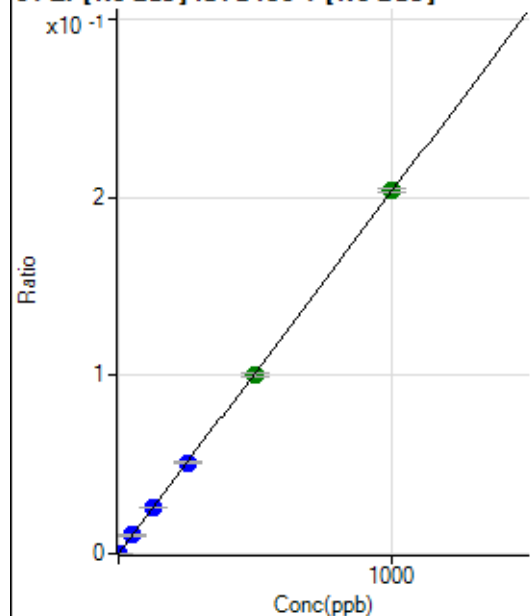
$$DL = 0.002706$$

$$BEC = 0.05214$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.23	0.0000	P	17.8
2	☐	0.100	0.071	497.24	0.0000	P	15.5
3	☐	1.000	0.947	4197.93	0.0002	P	4.8
4	☐	50.000	50.771	215761.27	0.0103	P	1.9
5	☐	125.000	128.000	535089.25	0.0260	P	1.3
6	☐	250.000	252.029	1034484.39	0.0512	P	0.9
7	☐	500.000	492.722	1949947.68	0.1001	A	1.9
8	☐	1000.000	1002.718	3788032.55	0.2037	A	1.1
9	☐			12967.21	0.0007	P	1.2

$$y = 2.0309\text{E-}004 * x + 9.6197\text{E-}006$$

$$R = 1.0000$$

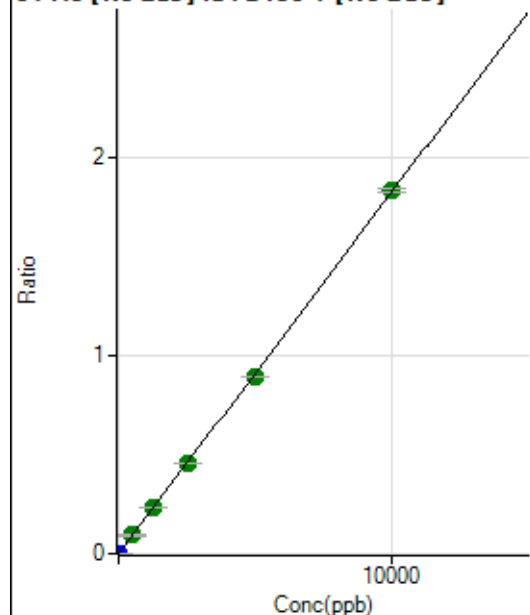
$$DL = 0.02535$$

$$BEC = 0.04737$$

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	258.34	0.0000	P	8.9
2	☐	0.500	0.564	2372.48	0.0001	P	4.1
3	☐	5.000	5.816	22259.01	0.0011	P	1.2
4	☐	500.000	508.839	1935041.64	0.0926	A	1.9
5	☐	1250.000	1272.784	4763741.51	0.2315	A	0.8
6	☐	2500.000	2503.310	9200612.27	0.4553	A	1.6
7	☐	5000.000	4893.624	17343556.64	0.8901	A	0.8
8	☐	10000.000	10049.070	33997675.76	1.8278	A	1.0
9	☐			105199.36	0.0060	P	1.8

$$y = 1.8189\text{E-}004 * x + 1.2599\text{E-}005$$

$$R = 0.9999$$

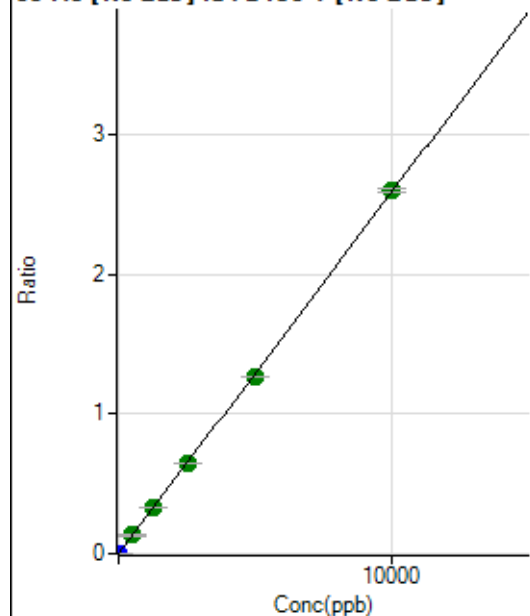
$$DL = 0.01855$$

$$BEC = 0.06927$$

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	75.00	0.0000	P	22.2
2	☐	0.500	0.435	2391.93	0.0001	P	4.8
3	☐	5.000	5.015	27022.69	0.0013	P	1.0
4	☐	500.000	510.059	2754984.41	0.1318	A	2.1
5	☐	1250.000	1275.360	6779930.71	0.3295	A	1.4
6	☐	2500.000	2490.436	13001687.70	0.6434	A	0.8
7	☐	5000.000	4901.064	24673802.46	1.2663	A	0.8
8	☐	10000.000	10048.186	48288652.12	2.5961	A	1.0
9	☐			143584.27	0.0081	P	0.5

$$y = 2.5837\text{E-}004 * x + 3.6572\text{E-}006$$

$$R = 0.9999$$

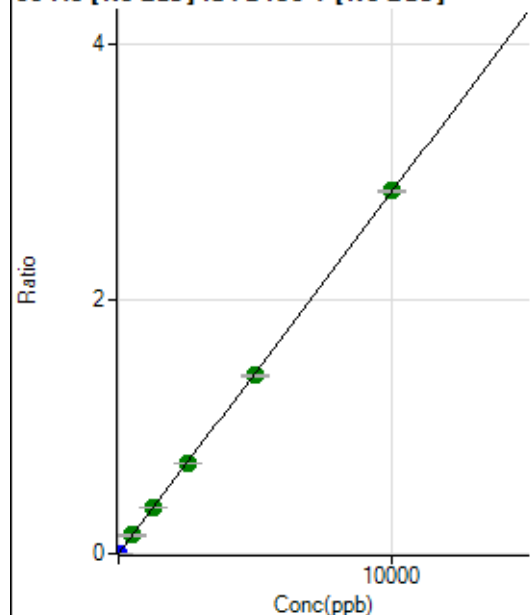
$$DL = 0.009422$$

$$BEC = 0.01416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	2.1
2	☐	0.500	0.473	2967.05	0.0001	P	4.5
3	☐	5.000	5.069	30131.62	0.0014	P	2.3
4	☐	500.000	509.158	3023022.92	0.1446	A	1.7
5	☐	1250.000	1274.868	7449761.28	0.3621	A	1.0
6	☐	2500.000	2501.176	14352631.05	0.7103	A	0.5
7	☐	5000.000	4921.624	27234188.63	1.3977	A	0.2
8	☐	10000.000	10035.328	53009705.35	2.8499	A	0.8
9	☐			165925.66	0.0094	P	0.9

$$y = 2.8399E-004 * x + 9.6162E-006$$

$$R = 1.0000$$

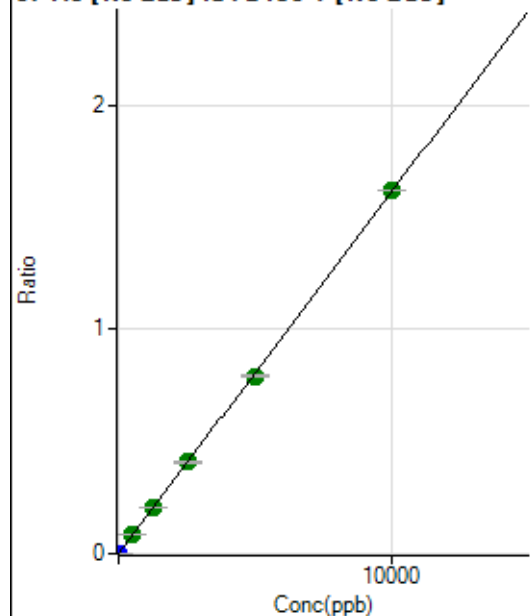
$$DL = 0.0021$$

$$BEC = 0.03386$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	48.0
2	☐	0.500	0.466	1602.90	0.0001	P	3.7
3	☐	5.000	5.045	16960.17	0.0008	P	1.9
4	☐	500.000	511.050	1721361.49	0.0823	A	1.0
5	☐	1250.000	1282.757	4252292.89	0.2067	A	1.7
6	☐	2500.000	2528.946	8232907.13	0.4074	A	0.8
7	☐	5000.000	4909.509	15412514.58	0.7910	A	0.6
8	☐	10000.000	10033.362	30068450.32	1.6165	A	0.1
9	☐			91170.54	0.0052	P	1.4

$$y = 1.6111E-004 * x + 2.7056E-006$$

$$R = 0.9999$$

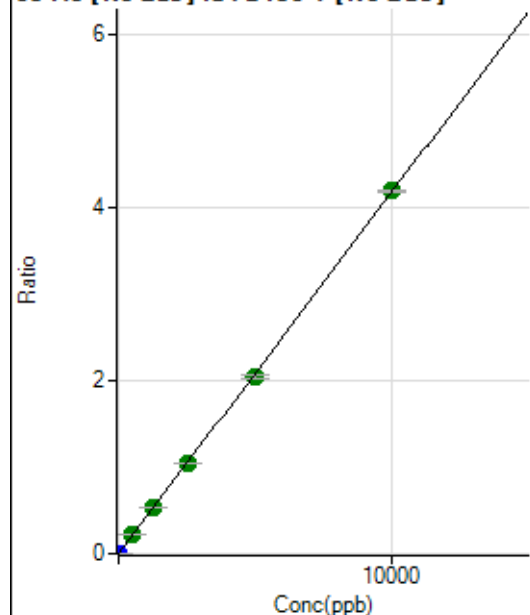
$$DL = 0.02418$$

$$BEC = 0.01679$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	64.4
2	☐	0.500	0.464	4153.49	0.0002	P	7.9
3	☐	5.000	4.918	42863.48	0.0021	P	2.4
4	☐	500.000	511.055	4461438.51	0.2134	A	0.8
5	☐	1250.000	1281.392	11010024.55	0.5351	A	0.6
6	☐	2500.000	2511.294	21188420.44	1.0486	A	1.1
7	☐	5000.000	4896.763	39841612.00	2.0447	A	1.6
8	☐	10000.000	10044.318	78014055.22	4.1941	A	0.6
9	☐			232949.49	0.0132	P	1.1

$$y = 4.1756\text{E-}004 * x + 7.7331\text{E-}006$$

$$R = 0.9999$$

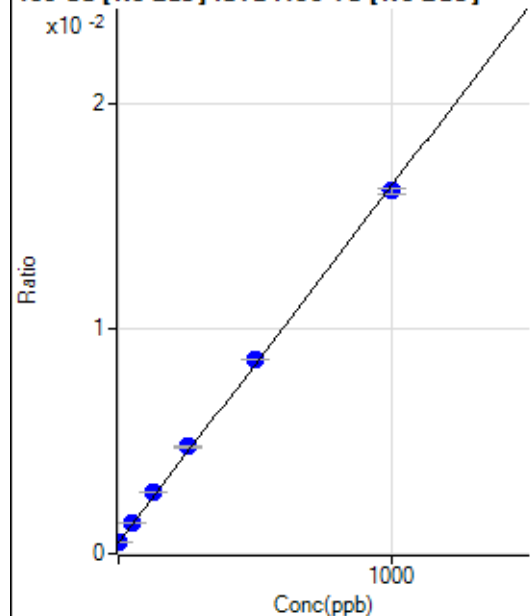
$$DL = 0.0358$$

$$BEC = 0.01852$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8697.28	0.0005	P	3.3
2	☐	0.100	1.094	9030.83	0.0005	P	2.4
3	☐	1.000	2.556	9545.05	0.0005	P	2.2
4	☐	50.000	56.371	25144.50	0.0014	P	1.8
5	☐	125.000	141.872	49412.59	0.0027	P	0.8
6	☐	250.000	268.422	85895.94	0.0047	P	1.5
7	☐	500.000	513.846	152403.56	0.0086	P	0.9
8	☐	1000.000	986.042	280431.51	0.0161	P	1.8
9	☐			8405.47	0.0005	P	1.7

$$y = 1.5830\text{E-}005 * x + 4.8726\text{E-}004$$

$$R = 0.9996$$

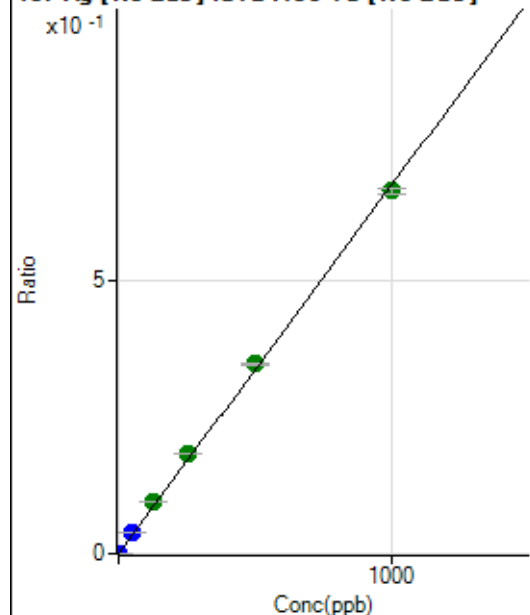
$$DL = 3.083$$

$$BEC = 30.78$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	13.4
2	☒	0.100					
3	☐	1.000	0.917	11293.57	0.0006	P	11.5
4	☐	50.000	55.648	684206.56	0.0375	P	1.2
5	☐	125.000	142.103	1732668.86	0.0958	A	0.9
6	☐	250.000	271.264	3317705.59	0.1829	A	1.2
7	☐	500.000	514.962	6139007.69	0.3473	A	0.8
8	☐	1000.000	984.783	11570152.52	0.6641	A	1.8
9	☐			35789.42	0.0022	P	3.8

$$y = 6.7439\text{E-}004 * x + 6.0703\text{E-}006$$

$$R = 0.9995$$

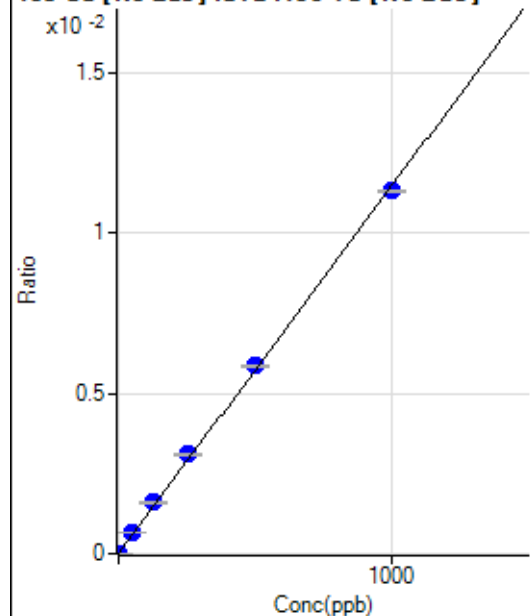
$$DL = 0.003613$$

$$BEC = 0.009001$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.06	0.0000	P	18.2
2	☐	0.100	0.103	113.89	0.0000	P	36.4
3	☐	1.000	0.967	294.45	0.0000	P	17.7
4	☐	50.000	57.535	12096.83	0.0007	P	1.5
5	☐	125.000	139.388	28934.54	0.0016	P	1.9
6	☐	250.000	270.005	56124.90	0.0031	P	2.6
7	☐	500.000	510.933	103447.52	0.0059	P	1.3
8	☐	1000.000	987.357	196950.20	0.0113	P	0.9
9	☐			665.31	0.0000	P	11.6

$$y = 1.1444\text{E-}005 * x + 5.2109\text{E-}006$$

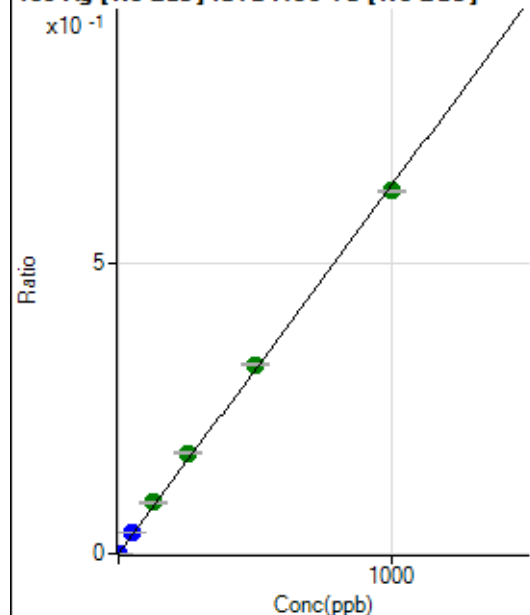
$$R = 0.9996$$

$$DL = 0.2481$$

$$BEC = 0.4554$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	74.1
2	☐	0.100	0.063	752.82	0.0000	P	12.0
3	☐	1.000	0.886	10220.51	0.0006	P	11.6
4	☐	50.000	56.346	652561.42	0.0358	P	1.4
5	☐	125.000	139.225	1598953.58	0.0885	A	1.4
6	☐	250.000	272.608	3140810.49	0.1732	A	1.7
7	☐	500.000	512.730	5758110.02	0.3257	A	0.8
8	☐	1000.000	985.888	10912756.67	0.6263	A	0.6
9	☐			33876.47	0.0021	P	6.1

$$y = 6.3530E-004 * x + 2.0237E-006$$

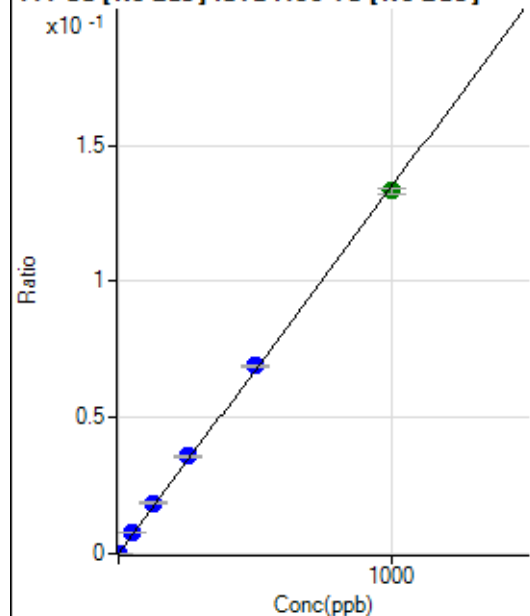
$$R = 0.9995$$

$$DL = 0.007082$$

$$BEC = 0.003185$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	817.09	0.0000	P	4.3
2	☐	0.100	0.117	1101.15	0.0001	P	4.4
3	☐	1.000	1.152	3637.60	0.0002	P	2.9
4	☐	50.000	54.976	135919.69	0.0075	P	0.5
5	☐	125.000	138.402	338114.30	0.0187	P	1.1
6	☐	250.000	265.469	649816.53	0.0358	P	1.2
7	☐	500.000	511.233	1219034.23	0.0690	P	0.8
8	☐	1000.000	988.592	2322673.23	0.1333	A	1.3
9	☐			7667.04	0.0005	P	2.2

$$y = 1.3480E-004 * x + 4.5778E-005$$

$$R = 0.9997$$

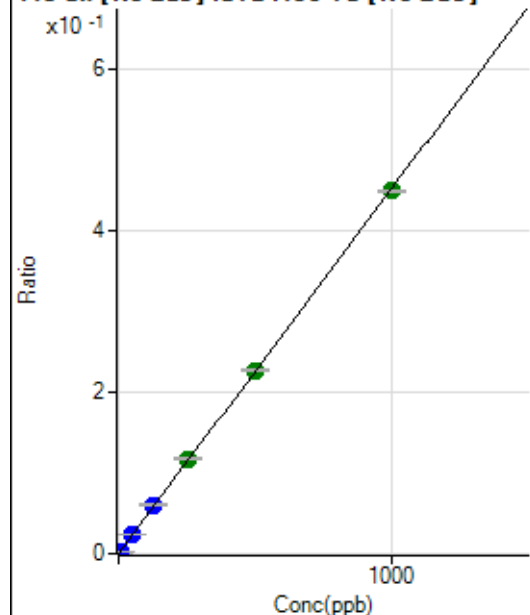
$$DL = 0.04403$$

$$BEC = 0.3396$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3167.90	0.0002	P	2.7
2	☐	0.500	0.658	8487.65	0.0005	P	8.2
3	☐	5.000	5.238	45969.74	0.0025	P	2.1
4	☐	50.000	53.179	440717.55	0.0242	P	0.9
5	☐	125.000	133.581	1093048.07	0.0605	P	0.9
6	☐	250.000	260.496	2135154.28	0.1177	A	2.6
7	☐	500.000	502.872	4014953.04	0.2271	A	1.0
8	☐	1000.000	994.707	7824944.18	0.4491	A	0.5
9	☐			29597.63	0.0018	P	1.2

$$y = 4.5131\text{E-}004 * x + 1.7748\text{E-}004$$

$$R = 0.9999$$

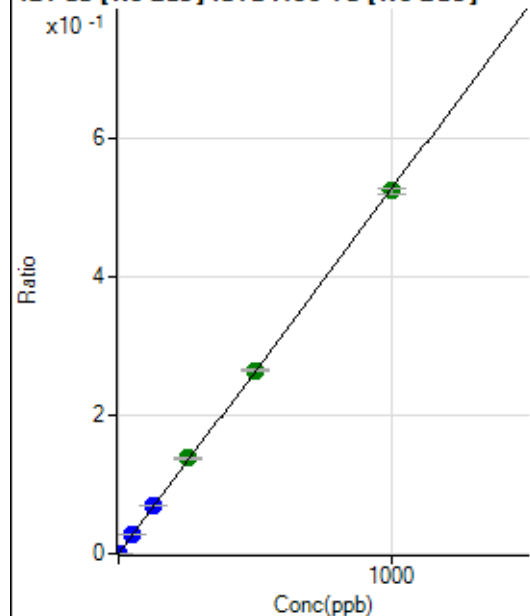
$$DL = 0.03145$$

$$BEC = 0.3933$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	36.4
2	☐	0.200	0.170	1705.70	0.0001	P	3.5
3	☐	2.000	2.057	19705.63	0.0011	P	1.3
4	☐	50.000	52.430	503687.47	0.0276	P	1.3
5	☐	125.000	132.591	1263087.70	0.0699	P	1.4
6	☐	250.000	261.932	2503192.16	0.1380	A	0.9
7	☐	500.000	502.490	4680498.24	0.2648	A	1.0
8	☐	1000.000	994.701	9131962.44	0.5241	A	1.2
9	☐			33926.86	0.0021	P	0.7

$$y = 5.2692\text{E-}004 * x + 5.7550\text{E-}006$$

$$R = 0.9999$$

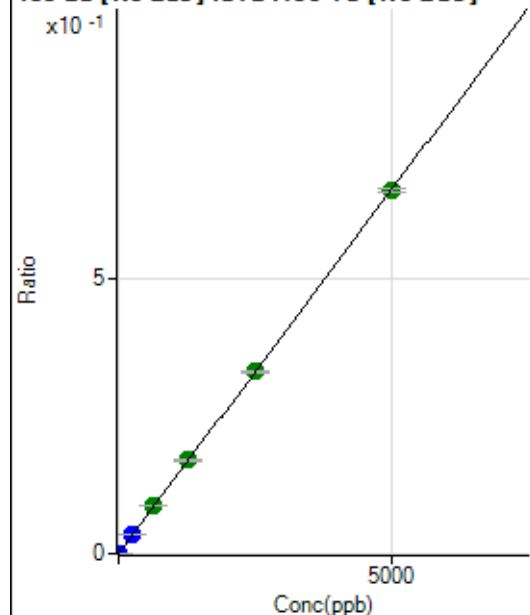
$$DL = 0.01193$$

$$BEC = 0.01092$$

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	25.00	0.0000	P	33.4
2	☐	1.000	0.948	2264.13	0.0001	P	5.4
3	☐	10.000	10.181	24310.15	0.0013	P	1.2
4	☐	250.000	260.988	627381.11	0.0344	P	0.4
5	☐	625.000	658.344	1569553.21	0.0868	A	1.8
6	☐	1250.000	1288.723	3082154.54	0.1700	A	1.3
7	☐	2500.000	2501.005	5830153.56	0.3298	A	1.5
8	☐	5000.000	4985.099	11454212.76	0.6574	A	1.1
9	☐			38255.00	0.0023	P	2.5

$$y = 1.3187\text{E-}004 * x + 1.4014\text{E-}006$$

$$R = 1.0000$$

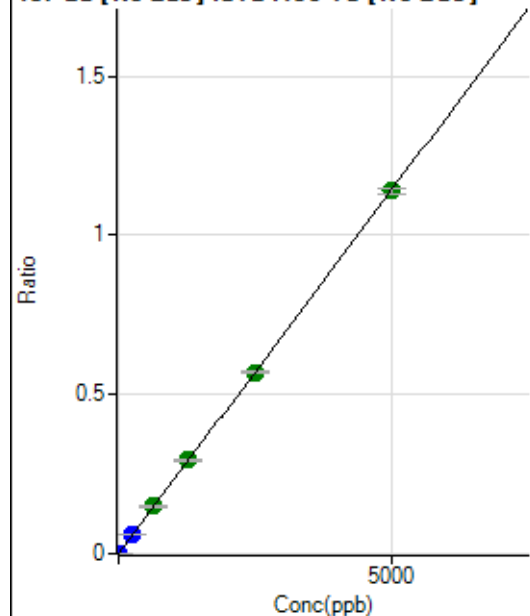
$$DL = 0.01066$$

$$BEC = 0.01063$$

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	52.78	0.0000	P	66.2
2	☐	1.000	0.893	3703.37	0.0002	P	10.9
3	☐	10.000	10.180	42113.35	0.0023	P	2.6
4	☐	250.000	261.964	1090808.01	0.0598	P	0.4
5	☐	625.000	650.882	2688008.87	0.1487	A	1.1
6	☐	1250.000	1287.270	5332673.43	0.2941	A	1.3
7	☐	2500.000	2495.023	10074826.87	0.5699	A	0.7
8	☐	5000.000	4989.337	19856562.25	1.1397	A	1.8
9	☐			66191.11	0.0041	P	2.2

$$y = 2.2843\text{E-}004 * x + 2.9623\text{E-}006$$

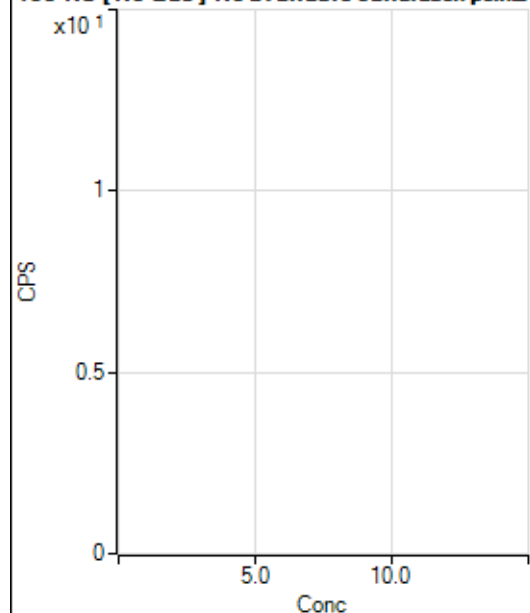
$$R = 1.0000$$

$$DL = 0.02576$$

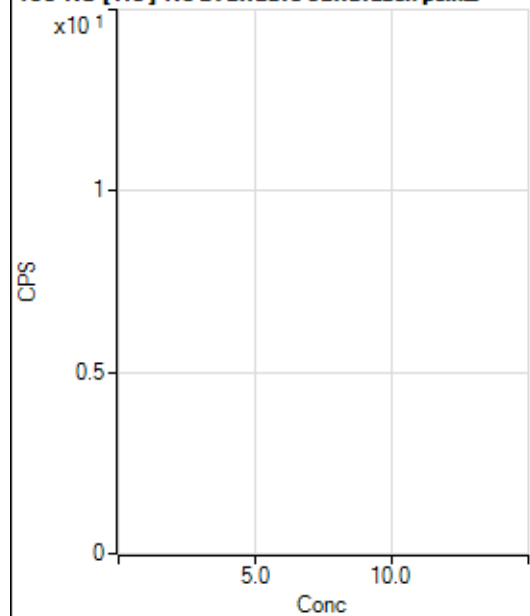
$$BEC = 0.01297$$

Weight: <None>

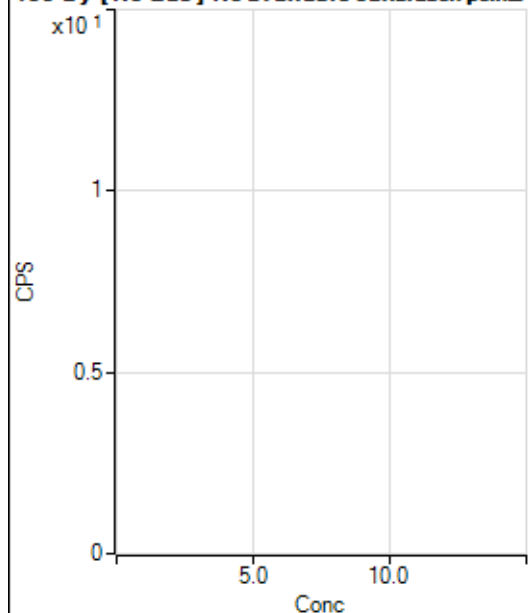
Min Conc: 0

150 Nd [No Gas] No available calibration points

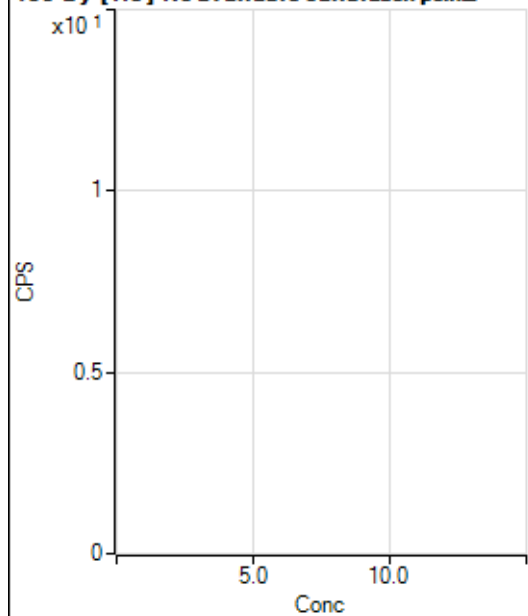
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	34.7
2	☐			17.78		P	21.7
3	☐			28.89		P	35.2
4	☐			71.11		P	39.0
5	☐			117.78		P	36.4
6	☐			277.79		P	2.8
7	☐			471.13		P	30.4
8	☐			857.82		P	6.8
9	☐			104.45		P	32.8

150 Nd [He] No available calibration points

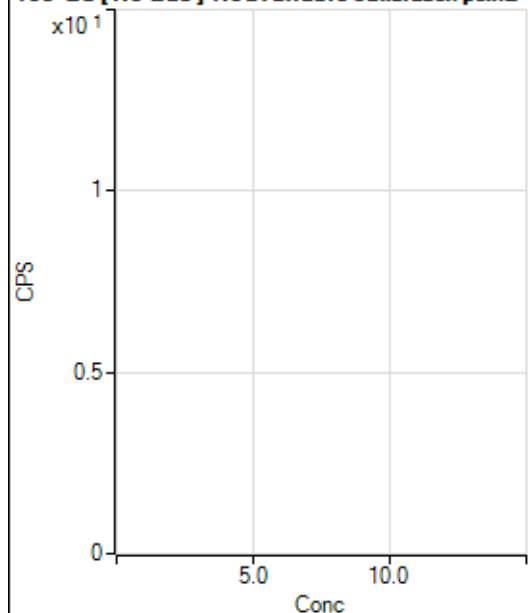
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	50.0
3	☐			7.78		P	24.7
4	☐			23.33		P	14.3
5	☐			21.11		P	50.8
6	☐			48.89		P	27.6
7	☐			76.67		P	23.0
8	☐			156.67		P	11.3
9	☐			57.78		P	23.3

156 Dy [No Gas] No available calibration points

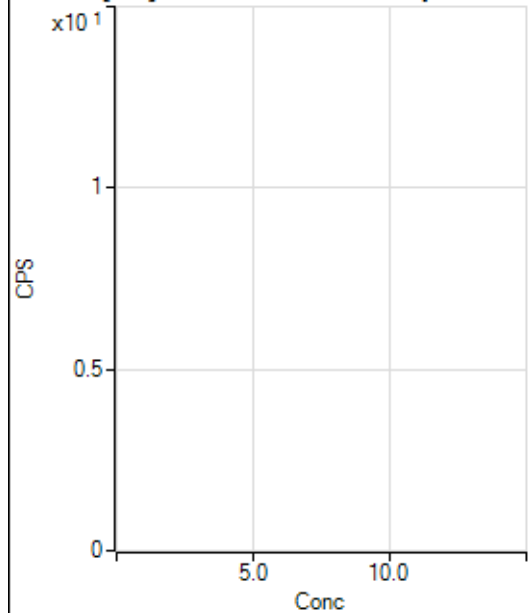
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			11.11		P	114.
3	☐			25.00		P	66.7
4	☐			36.11		P	13.3
5	☐			72.23		P	13.3
6	☐			125.00		P	17.6
7	☐			233.34		P	32.7
8	☐			411.13		P	10.2
9	☐			1297.32		P	4.8

156 Dy [He] No available calibration points

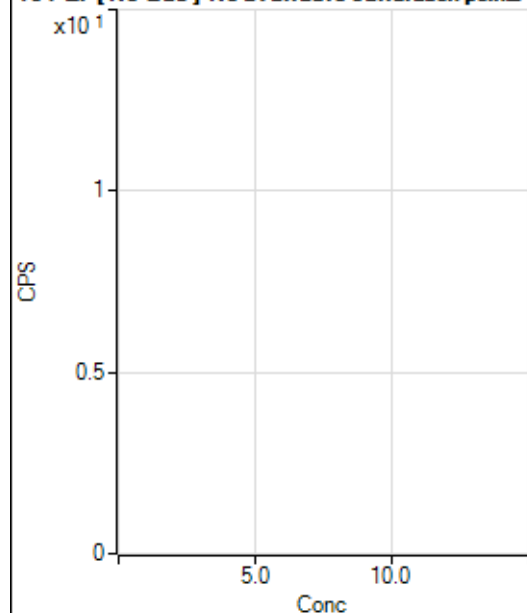
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	27.0
2	☐			6.67		P	50.0
3	☐			15.56		P	12.4
4	☐			43.33		P	27.7
5	☐			86.67		P	7.7
6	☐			133.34		P	19.8
7	☐			231.12		P	19.6
8	☐			493.35		P	8.0
9	☐			730.03		P	6.0

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

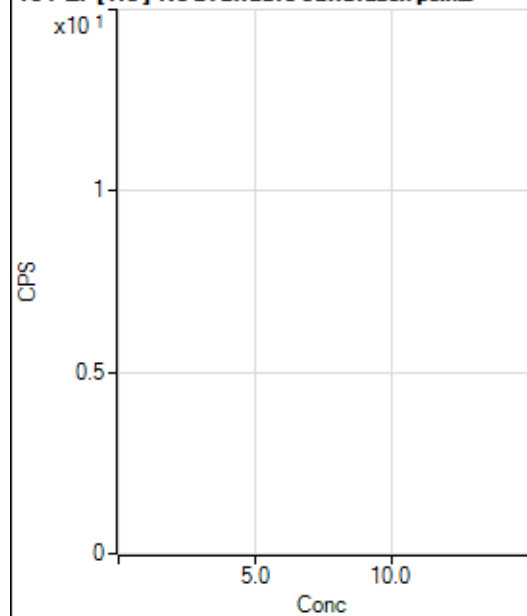
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			161.12		P	20.9
2	☐			152.78		P	3.2
3	☐			138.89		P	15.1
4	☐			136.12		P	27.6
5	☐			141.67		P	21.2
6	☐			147.23		P	19.9
7	☐			200.01		P	4.2
8	☐			311.12		P	3.1
9	☐			894.50		P	7.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			456.68		P	6.7
2	☐			471.13		P	6.4
3	☐			395.57		P	3.5
4	☐			470.01		P	4.7
5	☐			438.90		P	6.9
6	☐			422.23		P	13.6
7	☐			464.46		P	10.3
8	☐			516.68		P	16.6
9	☐			921.15		P	4.4

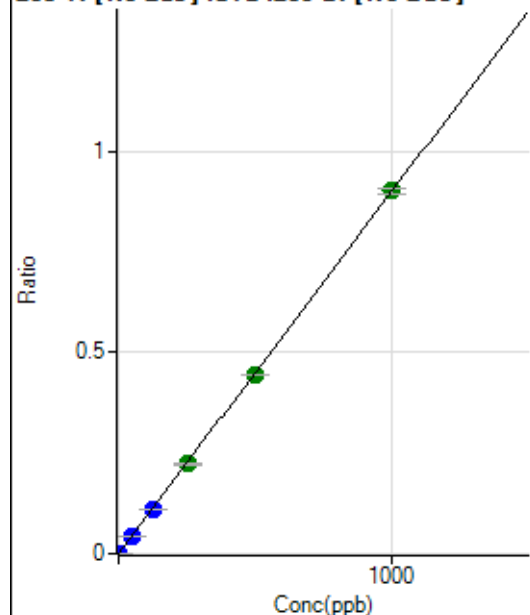
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.23		P	17.3
2	☐			97.22		P	21.6
3	☐			108.34		P	33.5
4	☐			100.01		P	28.9
5	☐			130.56		P	20.5
6	☐			175.00		P	29.0
7	☐			150.01		P	14.7
8	☐			200.01		P	18.2
9	☐			255.57		P	12.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	16.9
2	☐			81.11		P	11.9
3	☐			88.89		P	15.2
4	☐			87.78		P	12.2
5	☐			95.56		P	8.8
6	☐			77.78		P	13.8
7	☐			127.78		P	27.9
8	☐			122.23		P	11.4
9	☐			134.45		P	5.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	388.91	0.0000	P	13.3
2	☐	0.100	0.089	1302.88	0.0001	P	8.5
3	☐	1.000	0.925	10034.51	0.0009	P	0.4
4	☐	50.000	48.109	501029.27	0.0432	P	1.8
5	☐	125.000	121.970	1258248.04	0.1096	P	1.1
6	☐	250.000	249.502	2584469.83	0.2241	A	1.9
7	☐	500.000	495.342	5063383.84	0.4450	A	0.3
8	☐	1000.000	1002.926	9815477.65	0.9009	A	1.4
9	☐			29565.87	0.0031	P	2.4

$$y = 8.9820\text{E-}004 * x + 3.3878\text{E-}005$$

$$R = 1.0000$$

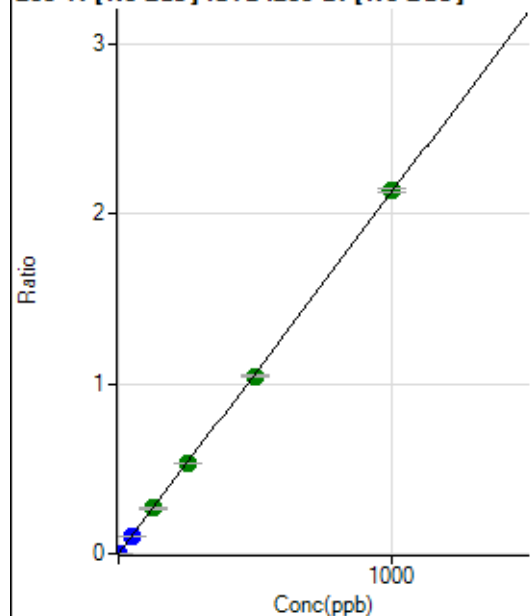
$$DL = 0.01501$$

$$BEC = 0.03772$$

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	886.17	0.0001	P	15.0
2	☐	0.100	0.081	2864.26	0.0002	P	6.2
3	☐	1.000	0.936	24007.92	0.0021	P	3.3
4	☐	50.000	48.395	1193793.58	0.1030	P	1.3
5	☐	125.000	125.483	3066099.68	0.2670	A	0.8
6	☐	250.000	248.822	6105054.22	0.5294	A	0.5
7	☐	500.000	491.733	11905987.24	1.0462	A	0.3
8	☐	1000.000	1004.448	23285271.18	2.1371	A	1.1
9	☐			70184.06	0.0072	P	1.0

$$y = 0.0021 * x + 7.7197\text{E-}005$$

$$R = 1.0000$$

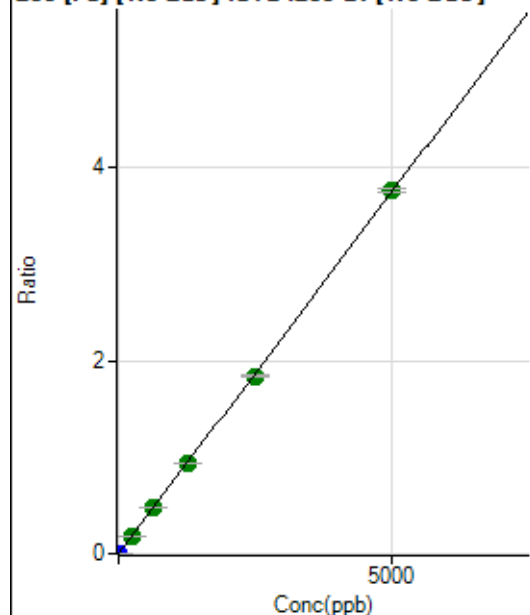
$$DL = 0.01634$$

$$BEC = 0.03629$$

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	487.05	0.0000	P	3.9
2	☐	0.100	0.077	1151.92	0.0001	P	7.8
3	☐	1.000	0.930	8560.24	0.0007	P	2.2
4	☐	250.000	250.021	2166530.79	0.1870	A	2.2
5	☐	625.000	631.882	5426104.17	0.4726	A	1.2
6	☐	1250.000	1245.817	10742931.72	0.9317	A	0.4
7	☐	2500.000	2453.414	20879048.15	1.8347	A	1.3
8	☐	5000.000	5023.477	40932572.67	3.7566	A	0.9
9	☐			113172.16	0.0117	P	0.9

$$y = 7.4779\text{E-}004 * x + 4.2417\text{E-}005$$

$$R = 0.9999$$

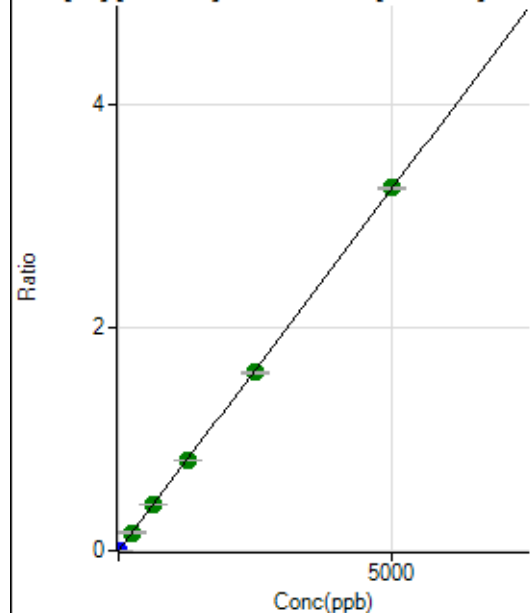
$$DL = 0.006609$$

$$BEC = 0.05672$$

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	418.53	0.0000	P	3.7
2	☐	0.100	0.086	1055.62	0.0001	P	1.6
3	☐	1.000	0.889	7105.70	0.0006	P	2.9
4	☐	250.000	252.599	1897003.26	0.1637	A	1.2
5	☐	625.000	626.816	4664353.34	0.4062	A	0.5
6	☐	1250.000	1251.991	9356097.31	0.8114	A	1.3
7	☐	2500.000	2462.761	18161503.65	1.5960	A	0.5
8	☐	5000.000	5017.765	35432302.87	3.2517	A	0.8
9	☐			96181.09	0.0099	P	0.6

$$y = 6.4803\text{E-}004 * x + 3.6454\text{E-}005$$

$$R = 1.0000$$

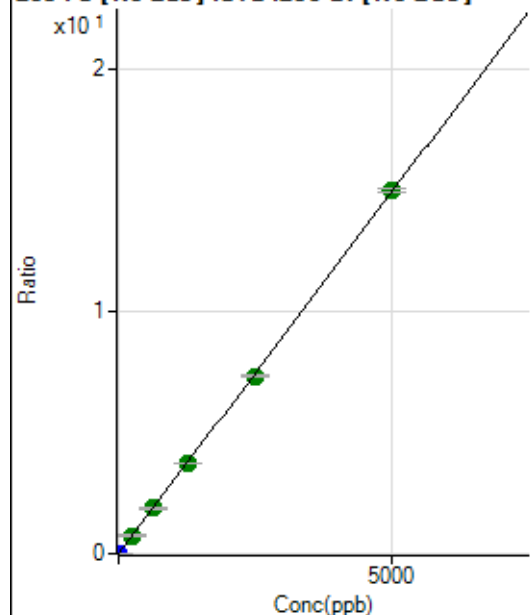
$$DL = 0.006296$$

$$BEC = 0.05625$$

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	1820.45	0.0002	P	1.9
2	☐	0.100	0.084	4707.81	0.0004	P	0.7
3	☐	1.000	0.912	33470.45	0.0029	P	0.9
4	☐	250.000	251.893	8722301.63	0.7528	A	1.0
5	☐	625.000	628.023	21548904.07	1.8767	A	1.0
6	☐	1250.000	1248.466	43017737.18	3.7306	A	0.9
7	☐	2500.000	2457.964	83579846.31	7.3446	A	0.4
8	☐	5000.000	5020.929	163481558.0	15.0028	A	0.9
9	☐			447264.23	0.0461	P	0.3

$$y = 0.0030 * x + 1.5850E-004$$

$$R = 1.0000$$

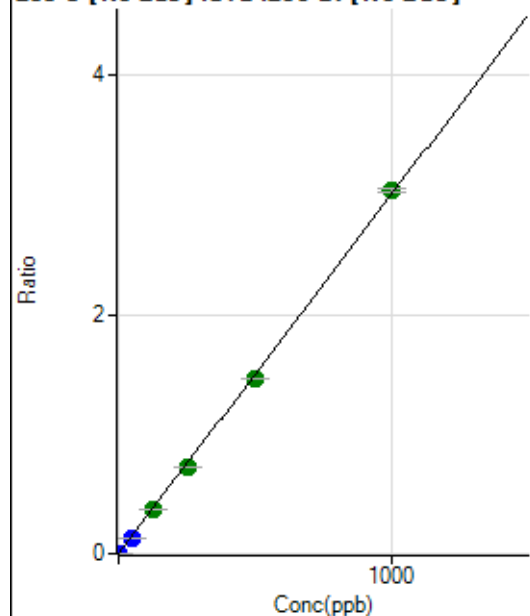
$$DL = 0.003095$$

$$BEC = 0.05305$$

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	61.11	0.0000	P	60.8
2	☐	0.100	0.076	2680.90	0.0002	P	6.6
3	☐	1.000	0.827	28865.86	0.0025	P	1.4
4	☐	50.000	43.018	1495968.56	0.1291	P	1.5
5	☐	125.000	121.943	4201963.72	0.3660	A	1.5
6	☐	250.000	241.027	8341497.84	0.7234	A	1.1
7	☐	500.000	486.113	16603557.84	1.4590	A	0.6
8	☐	1000.000	1009.918	33028768.45	3.0312	A	1.2
9	☐			85858.00	0.0089	P	0.7

$$y = 0.0030 * x + 5.3101E-006$$

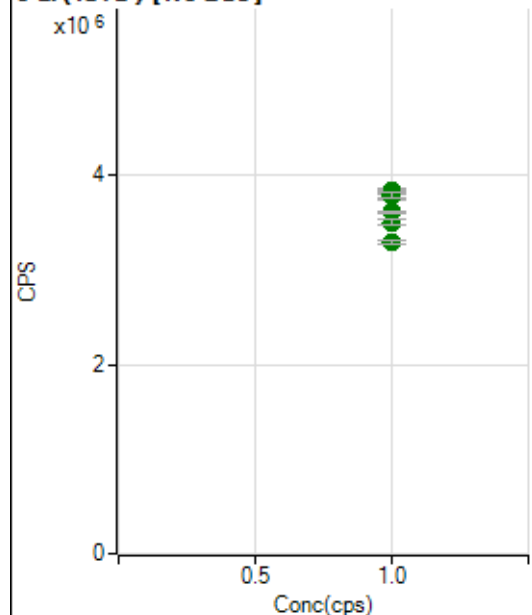
$$R = 0.9998$$

$$DL = 0.003225$$

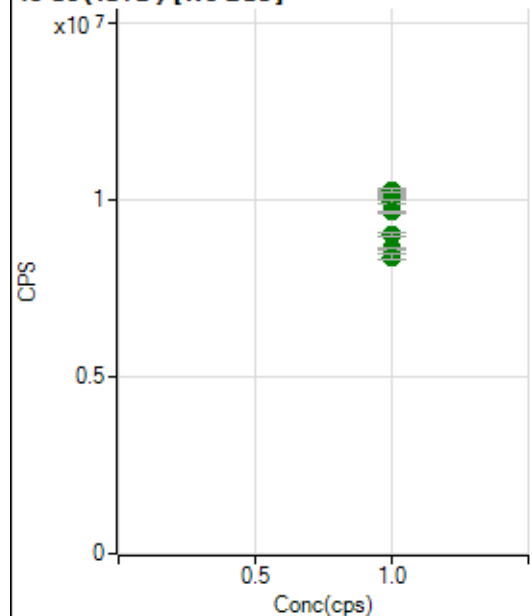
$$BEC = 0.001769$$

Weight: <None>

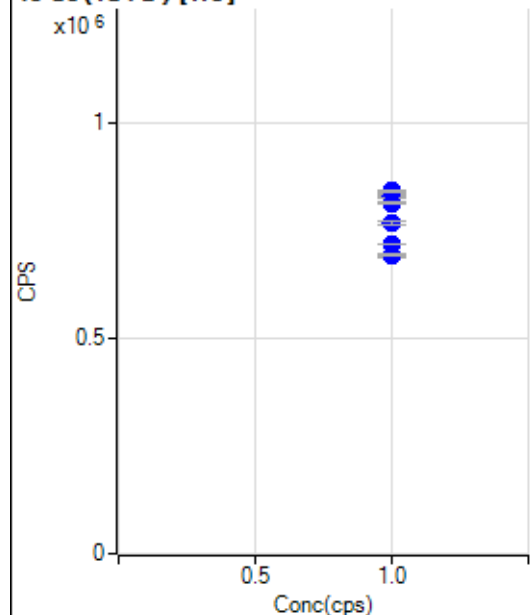
Min Conc: 0

6 Li (ISTD) [No Gas]

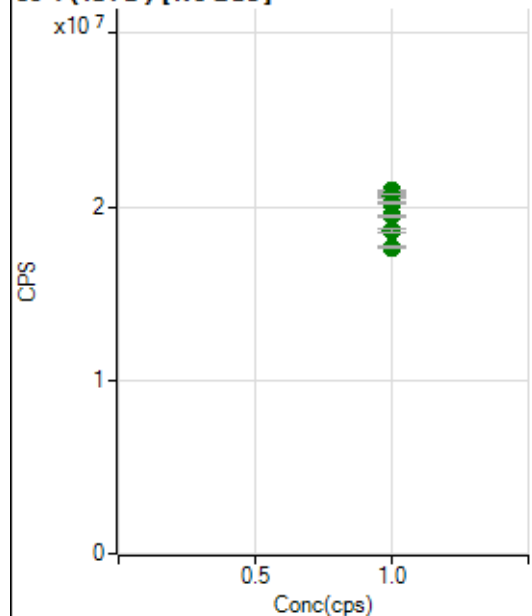
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3834533.41		A	0.9
2	☐	1.000		3774870.64		A	1.4
3	☐	1.000		3784277.58		A	1.5
4	☐	1.000		3779534.87		A	0.9
5	☐	1.000		3823501.51		A	0.8
6	☐	1.000		3794752.31		A	1.4
7	☐	1.000		3609603.70		A	0.5
8	☐	1.000		3503235.09		A	1.6
9	☐	1.000		3284212.35		A	1.2

45 Sc (ISTD) [No Gas]

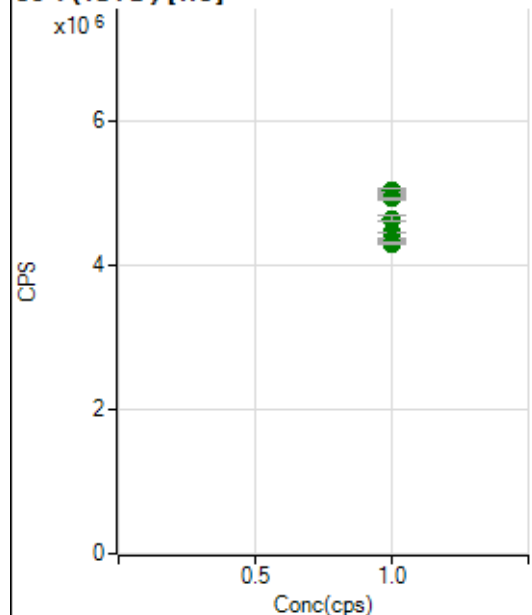
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10004197.42		A	0.5
2	☐	1.000		10136157.83		A	0.3
3	☐	1.000		10213510.33		A	0.6
4	☐	1.000		10246247.21		A	1.1
5	☐	1.000		9932165.41		A	0.9
6	☐	1.000		9644098.33		A	0.6
7	☐	1.000		9014780.98		A	0.7
8	☐	1.000		8628956.88		A	0.7
9	☐	1.000		8388079.59		A	2.3

45 Sc (ISTD) [He]

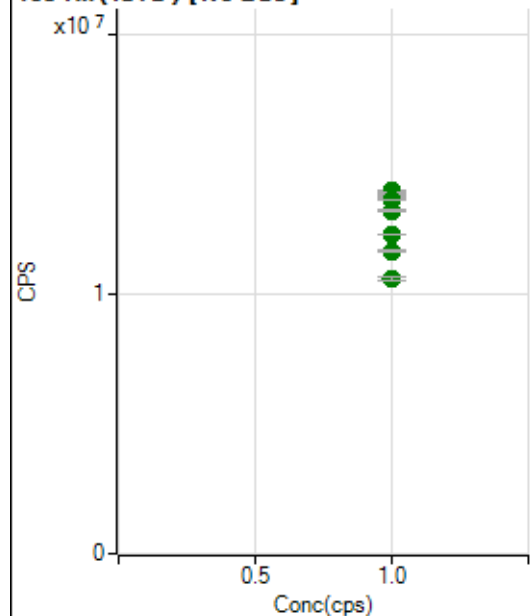
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		829950.20		P	0.5
2	☐	1.000		830949.38		P	1.1
3	☐	1.000		838068.51		P	0.7
4	☐	1.000		842934.96		P	0.6
5	☐	1.000		815313.71		P	0.5
6	☐	1.000		768281.67		P	1.0
7	☐	1.000		719674.18		P	0.5
8	☐	1.000		692237.65		P	1.5
9	☐	1.000		693847.25		P	0.5

89 Y (ISTD) [No Gas]

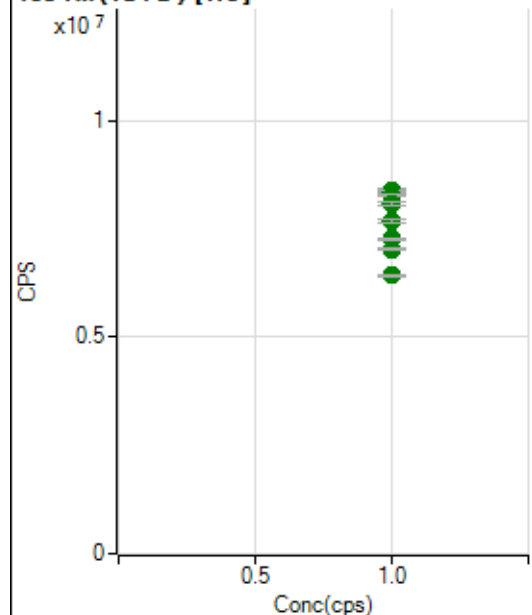
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20509067.75		A	0.4
2	☐	1.000		20613411.36		A	0.5
3	☐	1.000		20794934.13		A	1.2
4	☐	1.000		20906526.91		A	0.5
5	☐	1.000		20577813.17		A	1.2
6	☐	1.000		20206399.28		A	0.6
7	☐	1.000		19485036.24		A	0.4
8	☐	1.000		18601070.70		A	0.8
9	☐	1.000		17659744.32		A	1.1

89 Y(ISTD) [He]

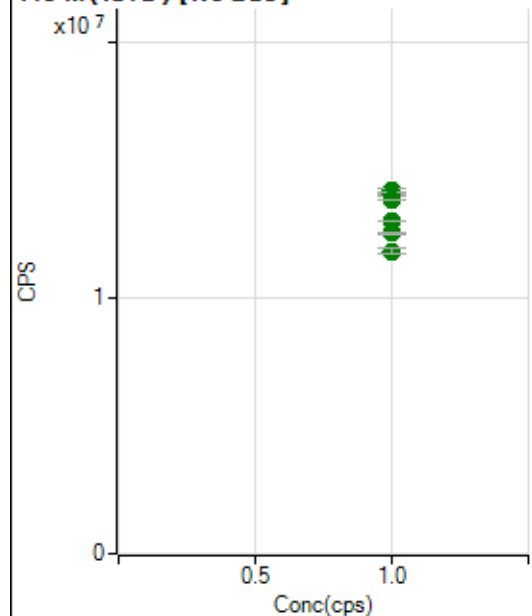
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5005474.72		A	1.1
2	☐	1.000		4990444.23		A	1.2
3	☐	1.000		5009093.71		A	0.6
4	☐	1.000		5029536.39		A	1.1
5	☐	1.000		4920812.95		A	0.9
6	☐	1.000		4644178.92		A	1.7
7	☐	1.000		4449033.06		A	0.4
8	☐	1.000		4357307.19		A	1.1
9	☐	1.000		4298799.35		A	0.9

103 Rh(ISTD) [No Gas]

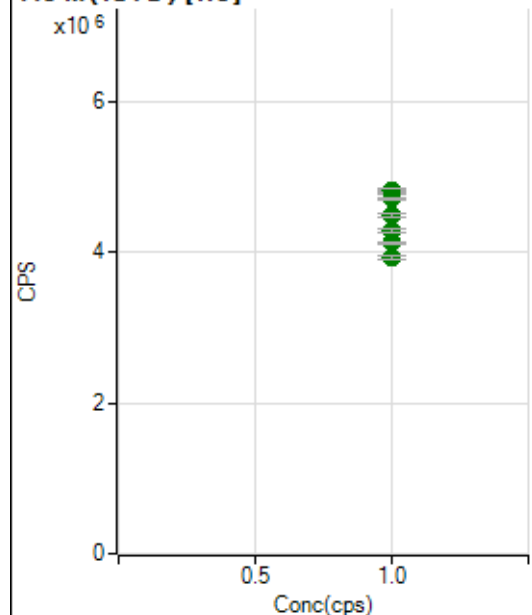
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13717166.18		A	0.7
2	☐	1.000		13829302.43		A	0.7
3	☐	1.000		13963942.71		A	0.3
4	☐	1.000		13868620.49		A	0.5
5	☐	1.000		13638120.21		A	0.2
6	☐	1.000		13201103.41		A	0.3
7	☐	1.000		12292213.84		A	0.2
8	☐	1.000		11645312.19		A	1.0
9	☐	1.000		10585068.04		A	0.9

103 Rh (ISTD) [He]

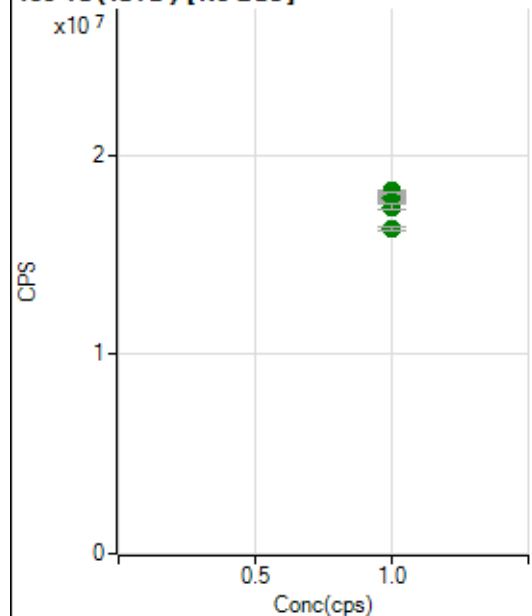
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8305890.64		A	0.4
2	☐	1.000		8373093.90		A	1.7
3	☐	1.000		8336506.54		A	0.9
4	☐	1.000		8272438.21		A	0.7
5	☐	1.000		8081349.74		A	1.4
6	☐	1.000		7677370.16		A	0.7
7	☐	1.000		7259641.35		A	0.7
8	☐	1.000		7034234.82		A	0.2
9	☐	1.000		6421551.78		A	0.5

115 In (ISTD) [No Gas]

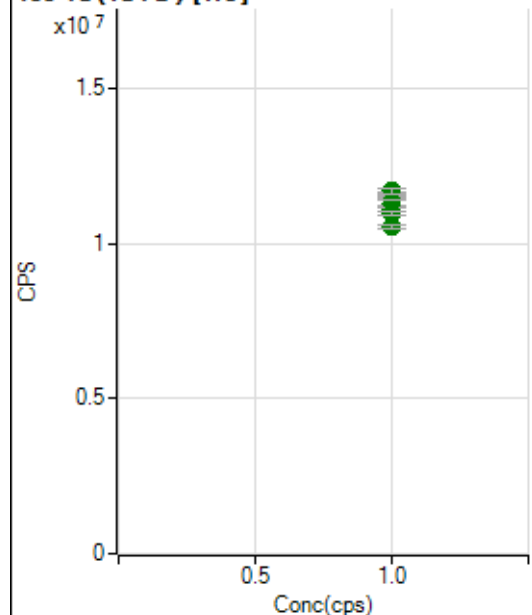
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13998874.36		A	0.6
2	☐	1.000		14076856.86		A	0.7
3	☐	1.000		14189050.26		A	1.6
4	☐	1.000		14078831.04		A	1.2
5	☐	1.000		14049724.69		A	1.4
6	☐	1.000		13855370.04		A	0.2
7	☐	1.000		12990777.96		A	0.3
8	☐	1.000		12531386.40		A	0.6
9	☐	1.000		11826791.31		A	1.7

115 In (ISTD) [He]

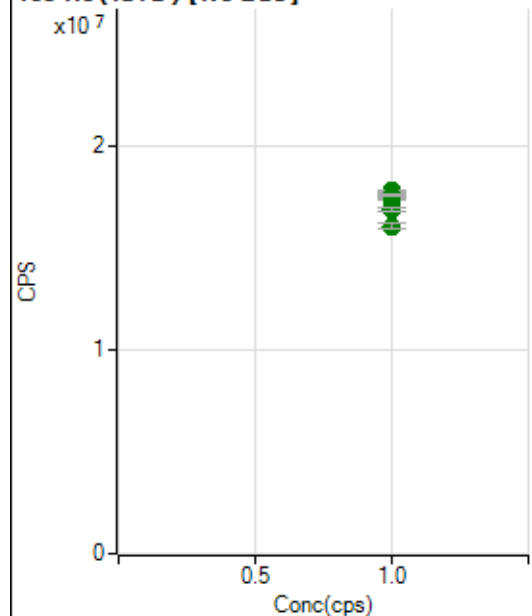
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4792824.47		A	0.6
2	☐	1.000		4799534.99		A	0.9
3	☐	1.000		4817954.58		A	0.5
4	☐	1.000		4818816.55		A	1.6
5	☐	1.000		4719755.79		A	0.3
6	☐	1.000		4501132.16		A	0.9
7	☐	1.000		4285554.22		A	0.9
8	☐	1.000		4134699.69		A	0.6
9	☐	1.000		3940582.38		A	1.0

159 Tb (ISTD) [No Gas]

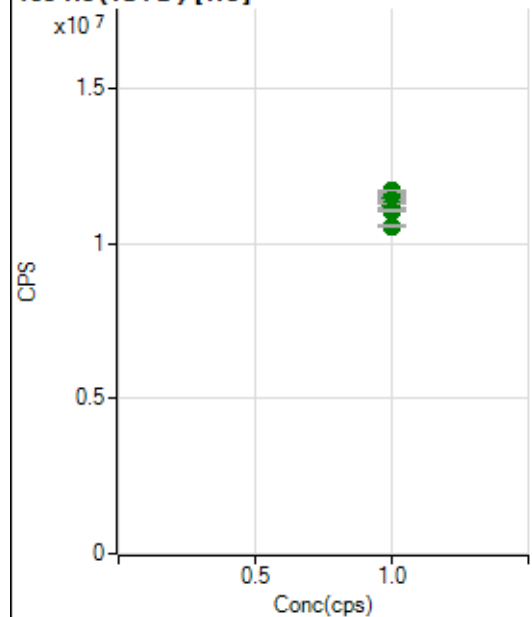
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17848114.18		A	0.5
2	☐	1.000		17903656.40		A	2.1
3	☐	1.000		18086907.51		A	0.2
4	☐	1.000		18227315.56		A	0.9
5	☐	1.000		18078145.01		A	1.1
6	☐	1.000		18136140.70		A	0.8
7	☐	1.000		17676980.43		A	0.2
8	☐	1.000		17424123.21		A	1.3
9	☐	1.000		16326119.34		A	0.6

159 Tb (ISTD) [He]

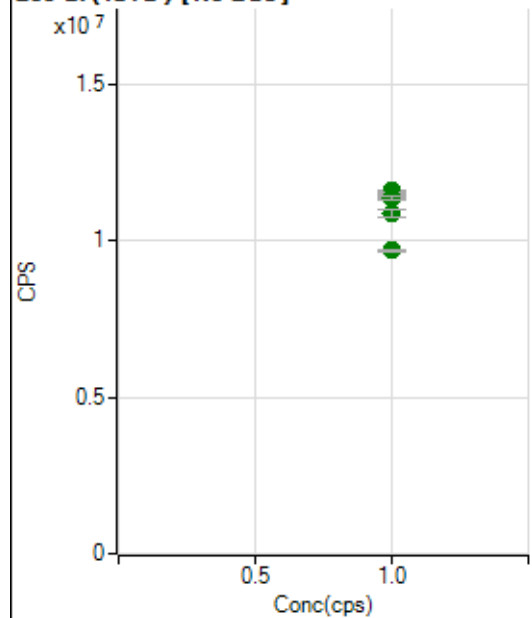
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11478843.16		A	0.5
2	☐	1.000		11534667.05		A	1.5
3	☐	1.000		11541289.00		A	0.5
4	☐	1.000		11595335.52		A	1.1
5	☐	1.000		11700956.08		A	1.5
6	☐	1.000		11313880.80		A	1.5
7	☐	1.000		11092474.97		A	0.7
8	☐	1.000		10978605.05		A	1.0
9	☐	1.000		10556460.54		A	1.3

165 Ho (ISTD) [No Gas]

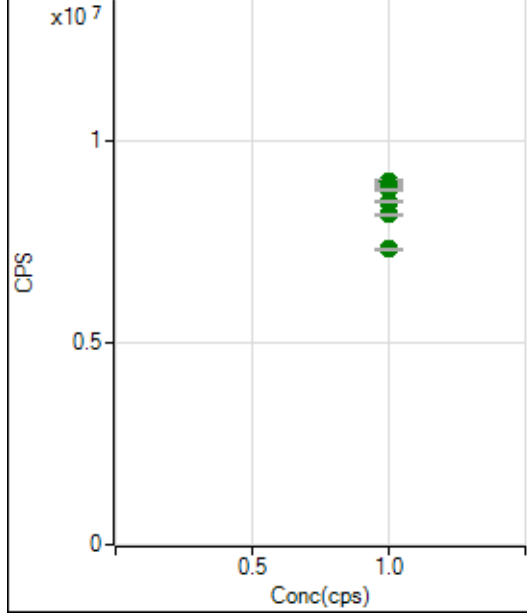
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17395514.60		A	0.7
2	☐	1.000		17439715.30		A	0.6
3	☐	1.000		17423429.19		A	0.8
4	☐	1.000		17628083.49		A	0.6
5	☐	1.000		17643861.13		A	0.4
6	☐	1.000		17801975.85		A	0.5
7	☐	1.000		17573969.74		A	0.6
8	☐	1.000		16874509.89		A	0.9
9	☐	1.000		16068907.95		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11423801.08		A	0.3
2	☐	1.000		11516765.11		A	0.5
3	☐	1.000		11486353.30		A	1.1
4	☐	1.000		11556765.66		A	0.4
5	☐	1.000		11701491.63		A	0.5
6	☐	1.000		11384442.40		A	0.5
7	☐	1.000		11242766.43		A	0.9
8	☐	1.000		11052740.04		A	0.6
9	☐	1.000		10550118.45		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11484040.66		A	1.0
2	☐	1.000		11479260.94		A	1.3
3	☐	1.000		11602904.69		A	0.5
4	☐	1.000		11586810.24		A	0.9
5	☐	1.000		11481446.08		A	1.2
6	☐	1.000		11531075.80		A	0.6
7	☐	1.000		11379529.83		A	0.8
8	☐	1.000		10897586.16		A	2.0
9	☐	1.000		9693140.20		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8817267.30		A	0.2
2	☐	1.000		8971199.80		A	0.4
3	☐	1.000		8995806.46		A	1.0
4	☐	1.000		8931171.33		A	0.8
5	☐	1.000		8884129.31		A	0.4
6	☐	1.000		8799278.83		A	0.8
7	☐	1.000		8497914.18		A	0.4
8	☐	1.000		8188800.44		A	0.5
9	☐	1.000		7320010.38		A	1.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7070722-MS.b

Acq. Date-Time 2022-07-07 11:42:58

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		10311	103110.53			0.188	5.000
24		91313	913125.84			0.745	5.000
25		11914	119143.53			0.502	5.000
26		13650	136501.17			0.340	5.000
59		24339	243390.95			0.565	5.000
113		11875	118751.59			0.758	5.000
115		34203	342025.80			0.735	5.000
206		16417	164174.03			0.499	5.000
207		14128	141281.77			0.578	5.000
208		33822	338216.79			0.226	5.000
220		0	2.70			21.114	

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

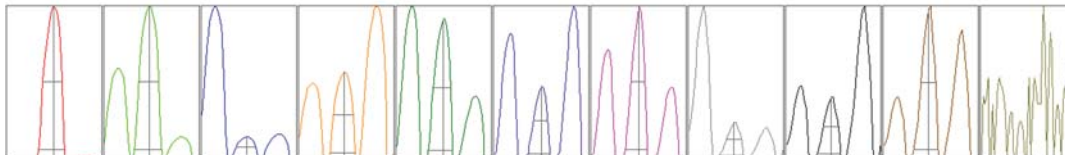
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10287	10301	10304	10333	10329
24	92311	90915	90729	91727	90882
25	11899	11899	12016	11901	11856
26	13579	13662	13706	13641	13664
59	24158	24266	24340	24412	24519
113	11948	11771	11936	11782	11938
115	34349	33823	34093	34465	34283
206	16472	16311	16517	16368	16419
207	14204	14211	14132	14025	14069
208	33860	33785	33875	33883	33704

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	18273.25	9.00	8.90 - 9.10	
24	153403.10	23.95	23.90 - 24.10	
25	19993.31	24.95	24.90 - 25.10	
26	22943.06	25.95	25.90 - 26.10	
59	46331.67	59.00	58.90 - 59.10	
113	26805.13	113.05	112.90 - 113.10	
115	79151.89	115.05	114.90 - 115.10	
206	34540.74	205.95	205.90 - 206.10	
207	29353.18	206.95	206.90 - 207.10	
208	72660.47	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.813	0.900	
24	0.63	0.856	0.900	
25	0.62	0.789	0.900	
26	0.63	0.790	0.900	
59	0.54	0.768	0.900	
113	0.45	0.686	0.900	
115	0.44	0.701	0.900	
206	0.49	0.761	0.900	
207	0.48	0.742	0.900	
208	0.46	0.770	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	8.9 V	Deflect	14.2 V
Extract 2	-140.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	1.0001	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
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EM

Discriminator	3.1 mV	Analog HV	2201 V	Pulse HV	1467 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8432	84315.36			0.349	
89		73739	737391.79			0.797	
205		50322	503215.13			0.967	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8416	8475	8448	8413	8405
89	72829	73685	74455	73927	73800
205	50294	49840	50760	50866	49847

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	3.2 V
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US EPA Tune Check Report

Extract 2	-145.0 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	1.0001	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
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EM

Discriminator	3.1 mV	Analog HV	2201 V	Pulse HV	1467 V
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