



















REVIEWED

By Tamara Salazar at 1:47 pm, Jun 10, 2024

6/6/2024



Worklist: 6835

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2024-1946	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-2043	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1540	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1555	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1556	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1557	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1586	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1588	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1592	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1603	2	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1634	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1635	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1636	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1637	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1639	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1649	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1675	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1677	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1699	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

AM# 28: Multi-Drug Quantitation by LC-MS/MS

Extraction Date: 06/04/2024

Plate lot#: 231215

Mobile phase A: 5mM Amm Form + 0.01% FA
Instant Buffer I

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 06/15/2024

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate LC Methanol

Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Using a calibrated pipette, pipette **250µL blood** into the appropriate wells of the analytical (standards) plate.
Pipette ID: 16
- 3. Pipette **250µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **300L of blood+base** mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right). Manifold ID: 067104
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 14. Remove plate containing eluate.
- 15. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 16. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

Comments: Run showed lowered/missing ISTD responses. Maintenance was performed on the instrument and the entire run was reinject on 6/5/24. This data will be used for evaluation.

Curve Limits:

Alpha-PHP 5-500 --calibrator 8 dropped due to accuracy

Amphetamine--calibrators 7 and 8 dropped due to accuracy- QUALITATIVE only due to QC 250 accuracy

Clonazepam 5-500 --calibrator 8 dropped due to accuracy

Clonazolam 5-250 --calibrators 7 and 8 dropped due to accuracy

Dihydrocodeine 5-500 --calibrator 8 dropped due to accuracy
Diphenhydramine- QUALITATIVE only due to QC 100 accuracy
Etizolam 5-250 --calibrators 7 and 8 dropped due to accuracy/linearity
Hydrocodone 5-500 --calibrator 8 dropped due to linearity
Ketamine 5-500 --calibrator 8 dropped due to accuracy
Lamotrigine - 5-250 --calibrators 7 and 8 dropped due to accuracy
Meprobamate- 5-100 --calibrators 6, 7 and 8 dropped due to accuracy- QUALITATIVE ONLY
Methamphetamine 5-500 --calibrator 8 dropped due to accuracy
Metoprolol 5-500 --calibrator 8 dropped due to accuracy
Norbuprenorphine- 1-100 --calibrator 1 dropped due to peak shape
Norfentanyl 0.5-50 --calibrator 8 dropped due to accuracy
Phentermine 5-500 --calibrator 8 dropped due to accuracy
Trazodone 5-500 --calibrator 8 dropped due to accuracy

9

	1	2	3	4	5	6	7	8	9	10	11	12
A									M2024-2043-2	P2024-1603-2	P2024-1677-1	IS + Cal. 8
B									P2024-1540-1	P2024-1634-1	P2024-1699-1	IS + Cal. 7
C									P2024-1555-1	P2024-1635-1	NEG Blood	IS + Cal. 6
D									P2024-1556-1	P2024-1636-1	IS + QC_2	IS + Cal. 5
E									P2024-1557-1	P2024-1637-1	IS + QC_4	IS + Cal. 4
F									P2024-1586-1	P2024-1639-1	IS + QC_3	IS + Cal. 3
G									P2024-1588-3	P2024-1649-1	IS + QC_2	IS + Cal. 2
H								M2024-1946-1	P2024-1592-1	P2024-1675-1	IS + QC_1	IS + Cal. 1

AM #28 Multi-Drug Quant. Results



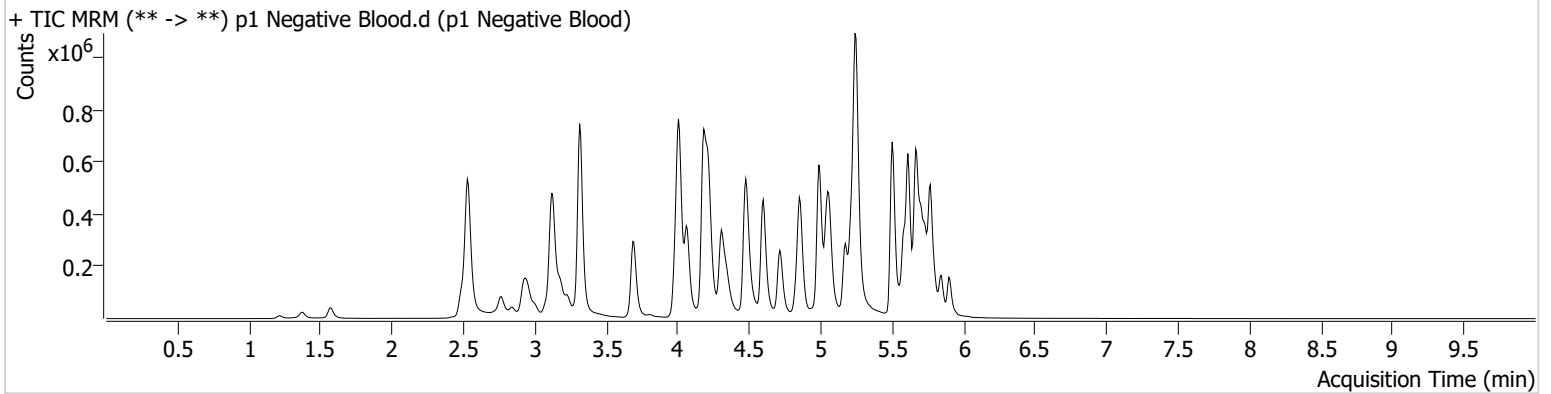
Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C11
Injection Volume 2
Acq. Date-Time 6/6/2024 1:36:24 AM
Sample Info.

Data File p1 Negative Blood.d
Sample p1 Negative Blood
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram





AM #28 Multi-Drug Quant. Results

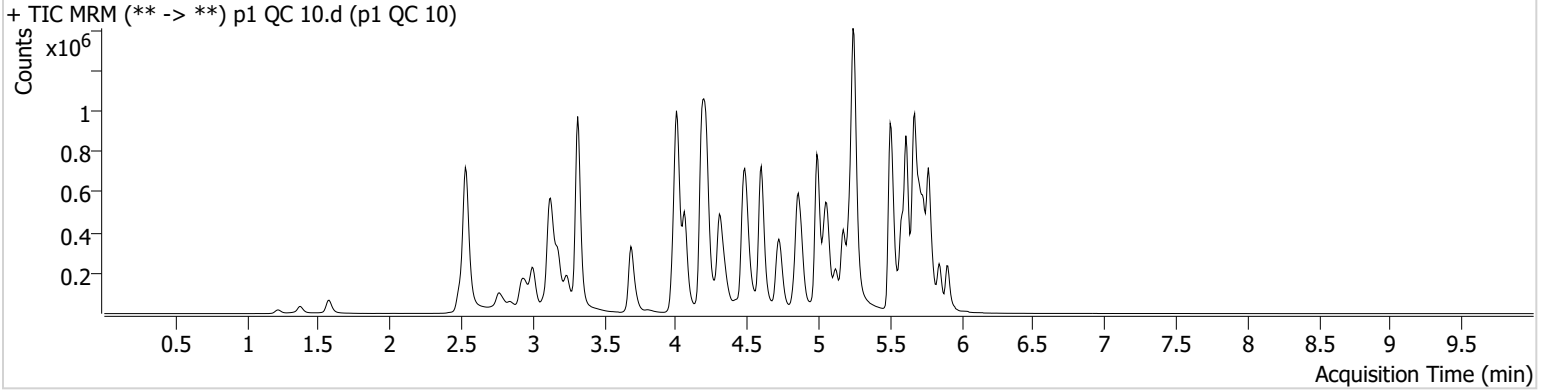
Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H11
Injection Volume 2
Acq. Date-Time 6/6/2024 12:32:28 AM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	3011	5297.11	67.2	596.62	89410	0.9618 ng/ml
7-aminoclonazepam	4.217	63335	95.69	70.2	235.97	311491	9.9751 ng/ml
9-hydroxyrisperidone	4.603	8768	6009.39	3515.9	1297.22	1328073	8.9313 ng/ml
a-hydroxyalprazolam	5.651	29237	126.10	58.7	199.94	105957	10.5214 ng/ml
alpha-PHP	4.888	58649	598.75	257.6	771.58	964176	9.5964 ng/ml
alpha-PVP	4.315	216720	238.01	49.1	669.61	964176	9.1897 ng/ml
Alprazolam	5.734	93906	781.88	96.1	204.16	339637	9.8775 ng/ml
Amphetamine	3.006	343557	241.80	50.3	1236.43	470794	9.8533 ng/ml
Benzoylcegonine	3.835	4128	4404.17	34.6	31.79	18105	8.9778 ng/ml
Bromazolam	5.766	46911	22.16	113.8	41088.85	204225	9.7011 ng/ml
Buprenorphine	5.820	4760	1103.94	11.8	1231.43	177279	0.9561 ng/ml
Bupropion	4.738	236528	164.17	63.8	290.46	767624	9.1831 ng/ml
Carisoprodol	5.682	109651	186.30	63.9	456.60	553443	9.2703 ng/ml
Citalopram	5.173	158871	754.40	33.3	494.86	780298	9.1901 ng/ml
Clonazepam	5.570	81563	1806.55	34.8	254.89	123259	10.3498 ng/ml
Clonazolam	5.513	60700	73.19	38.5	24625.82	123259	10.1857 ng/ml
Cocaine	4.216	147172	1660.44	53.0	1371.35	1287745	9.9842 ng/ml
Codeine	2.542	15168	197.01	94.8	229.78	72032	10.5054 ng/ml
Cyclobenzaprine	5.586	144809	177.83	9.2	70.33	704674	9.3523 ng/ml
Dextromethorphan	5.230	100245	159.92	82.7	436.43	530680	9.3605 ng/ml
Dextrorphan	4.068	66010	239.05	202.1	640.48	808980	9.3990 ng/ml
Diazepam	5.906	72238	270.01	88.9	241.64	334362	9.9026 ng/ml
Dihydrocodeine	2.521	38552	308.97	69.5	95.59	242093	10.0258 ng/ml
Diphenhydramine	5.251	400987	328.99	32.9	1410.82	2786440	8.2891 ng/ml
Doxylamine	4.497	400391	2943.29	100.4	183.79	1881079	9.8311 ng/ml
Duloxetine	5.612	20091	816.24	12.8	515.80	118566	9.7534 ng/ml
EDDP	5.215	80285	63.78	42.0	166.78	445422	9.3655 ng/ml
Etizolam	5.773	56709	870.54	27.2	737.99	123259	9.1124 ng/ml
Fentanyl	5.062	16547	74.38	70.5	15968.41	831589	0.9710 ng/ml
Fluorofentanyl	5.116	39574	1145.66	45.5	790.94	7396	0.9612 ng/ml
Fluoxetine	5.673	217562	2824.64	8.2	957.69	956069	9.3642 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	49928	235.22	38.9	49.48	278402	9.9199 ng/ml
Hydromorphone	1.582	40831	85183.83	81.1	221.51	147013	9.6912 ng/ml
Hydroxyzine	5.670	185426	4794.69	73.1	2216.80	530680	9.4702 ng/ml
Ketamine	4.001	141055	5182.64	33.2	129.48	664803	10.0012 ng/ml
Lamotrigine	4.225	14110	764.46	79.3	624.07	1852984	10.0677 ng/ml
Lorazepam	5.706	68478	419.77	56.9	65.81	550047	10.5320 ng/ml
MDA	3.147	223368	962.61	28.4	1134.05	633454	11.0673 ng/ml
MDMA	3.241	153234	522.18	83.8	182.46	166917	9.3965 ng/ml
Meprobamate	4.854	56460	2258.41	29.9	52.31	294546	9.2865 ng/ml
Methadone	5.618	244837	1454.61	59.9	411.04	1198710	9.1739 ng/ml
Methamphetamine	3.182	509748	274.53	36.8	3428.98	1150738	9.7058 ng/ml
Metoprolol	4.272	43776	2648.73	97.1	1712.17	1847650	10.2035 ng/ml
Mirtazapine	4.593	274483	132.43	57.4	6660.62	964176	9.8029 ng/ml
Mitragynine	5.191	43029	44167.99	34.7	770.70	1198710	10.3749 ng/ml
Morphine	1.227	8164	474.34	35.9	140.24	8257	9.5626 ng/ml
Norbuprenorphine	4.944	664	13.53	115.7 High	8185.09	30325	0.7739 ng/ml
Nordiazepam	5.853	86593	407.68	54.6	331.54	300039	9.5050 ng/ml
Norfentanyl	4.028	30665	359.02	38.5	162.21	1439147	0.9743 ng/ml
Norhydrocodone	3.016	10857	36.41	38.6	226.93	66677	8.9429 ng/ml
Noroxycodone	2.866	32568	143.38	52.2	127.43	121345	9.8212 ng/ml
O-desmethyl-tramadol	3.321	348205	5769.76	5.6	119.09	2213069	9.2311 ng/ml
o-desmethylvenlafaxine	4.013	265667	∞	26.6	537.03	33749	8.8311 ng/ml
Olanzapine	4.428	62597	2969.30	61.2	94.71	164533	9.8269 ng/ml
Oxazepam	5.708	101993	262.93	66.9	49.22	550047	10.3309 ng/ml
Oxycodone	2.791	77564	493.78	31.6	480.53	341637	9.5313 ng/ml
Oxymorphone	1.379	21529	263.46	49.9	133.49	83318	9.5801 ng/ml
Phentermine	3.724	88118	429.83	5.3	337.42	959264	10.1157 ng/ml
Promethazine	5.503	301142	353.72	29.6	245.34	1579766	9.8806 ng/ml
Pseudoephedrine	2.545	390887	9530.86	17.4	16609.43	1852984	9.5556 ng/ml
Quetiapine	5.519	193167	12560.02	58.5	14084.01	266511	10.0761 ng/ml
Sertraline	5.742	83775	191.79	87.5	566.04	357141	10.1351 ng/ml
Temazepam	5.776	185639	2185.55	27.3	106.49	814883	9.6903 ng/ml
Tramadol	4.197	314220	564.04	3.6	57.69	1847650	9.7473 ng/ml
Trazodone	5.116	237423	102.26	67.0	4209.30	797207	10.1694 ng/ml
Venlafaxine	4.989	323167	622.18	32.5	2209.24	1689984	9.5557 ng/ml
Xylazine	4.035	111672	5615.03	44.2	386.27	547091	9.5545 ng/ml
Zolpidem	4.879	262546	521.55	28.9	19613.96	1262785	9.9230 ng/ml



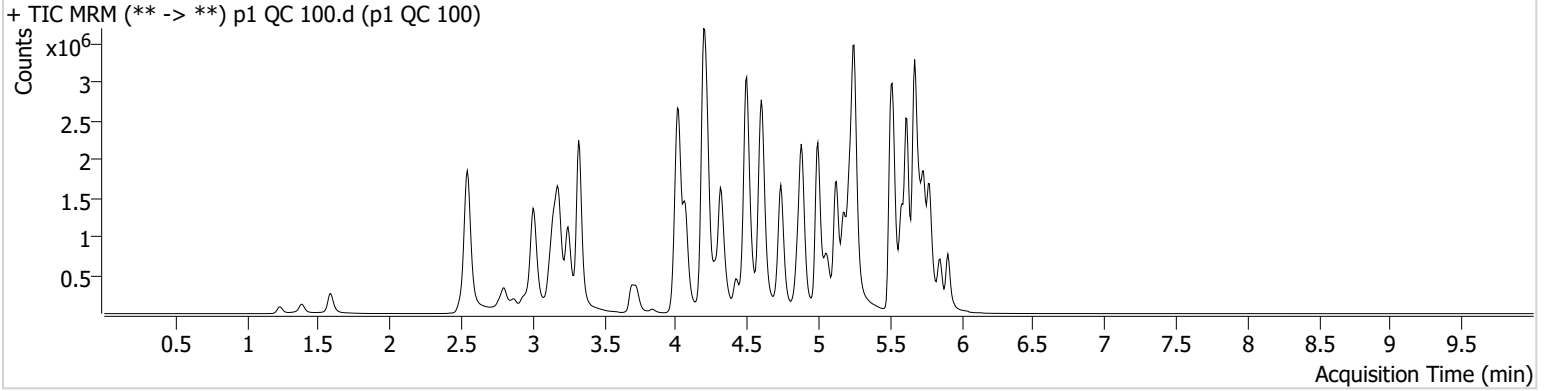
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G11 **Comment**
Injection Volume 2
Acq. Date-Time 6/6/2024 8:42:35 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	30424	4889.61	68.0	310.03	90317	9.2056 ng/ml
7-aminoclonazepam	4.217	517222	712.41	70.4	89685.25	245888	110.7358 ng/ml
9-hydroxyrisperidone	4.603	89065	1214.70	3509.2	12210.44	1288493	90.3532 ng/ml
a-hydroxyalprazolam	5.651	215985	∞	65.5	313.32	82671	98.3153 ng/ml
alpha-PHP	4.888	570483	10728.27	258.5	8152.43	944938	99.5731 ng/ml
alpha-PVP	4.322	2213918	152502.95	50.0	15140.61	944938	91.6293 ng/ml
Alprazolam	5.728	801023	863.39	99.7	443.43	288901	96.9823 ng/ml
Amphetamine	3.006	2784642	88.20	48.8	37650.28	459750	93.3330 ng/ml
Benzoylcegonine	3.842	45479	2110.42	38.8	237.13	18613	90.8601 ng/ml
Bromazolam	5.766	364570	373715.57	121.2	3497.84	160443	95.9926 ng/ml
Buprenorphine	5.820	50393	68602.07	13.3	136.13	182956	9.1822 ng/ml
Bupropion	4.738	2476290	4655.40	63.6	7331.54	772979	93.5722 ng/ml
Carisoprodol	5.682	772983	316.11	65.3	281.19	362324	90.6282 ng/ml
Citalopram	5.173	1547491	1776.63	33.9	821.19	737981	88.6719 ng/ml
Clonazepam	5.570	625110	4183.68	34.1	3204.24	97228	107.3456 ng/ml
Clonazolam	5.513	434535	6971.49	40.0	381049.22	97228	99.4018 ng/ml
Cocaine	4.216	1418897	42997.02	53.8	116682.05	1199966	99.0003 ng/ml
Codeine	2.548	129257	161.06	92.8	1338.72	67499	103.1444 ng/ml
Cyclobenzaprine	5.586	1476376	53977.22	8.9	727.14	672740	93.1957 ng/ml
Dextromethorphan	5.230	975078	540.69	81.6	9725.71	506105	93.4027 ng/ml
Dextrorphan	4.068	646548	998667.57	205.1	747.49	768808	94.5677 ng/ml
Diazepam	5.906	668873	1210.79	91.4	38543.47	304309	99.4435 ng/ml
Dihydrocodeine	2.521	353676	738.22	72.8	∞	241049	98.7051 ng/ml
Diphenhydramine	5.251	3976579	207710.09	32.5	18291.91	2653937	79.3210 ng/ml
Doxylamine	4.497	4329179	146126.64	97.1	7757238.16	1912302	99.6234 ng/ml
Duloxetine	5.612	169160	1603.05	12.9	1851.73	102567	94.2869 ng/ml
EDDP	5.215	1220065	1519.73	40.7	580487.80	659881	90.9820 ng/ml
Etizolam	5.773	504523	5986.59	26.1	60873.59	97228	96.1991 ng/ml
Fentanyl	5.062	171212	616.62	69.3	137575.30	874284	9.5036 ng/ml
Fluorofentanyl	5.116	417434	4667.87	43.7	2712.23	8243	9.6639 ng/ml
Fluoxetine	5.673	1817310	27135.13	7.7	686.19	780308	93.6071 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	477905	281.33	44.1	607.43	282289	94.5727 ng/ml
Hydromorphone	1.589	407860	1182824.15	80.7	5595.16	144669	96.3120 ng/ml
Hydroxyzine	5.670	1770237	3006629.78	76.2	24031.69	506105	89.0088 ng/ml
Ketamine	4.001	1300346	63358.92	33.3	238.17	671320	96.3576 ng/ml
Lamotrigine	4.232	119832	179.91	85.1	215.36	1681843	96.2900 ng/ml
Lorazepam	5.706	319234	831.16	60.1	1023.74	321020	90.0140 ng/ml
MDA	3.153	1708405	365.35	29.3	42604.43	542833	107.0732 ng/ml
MDMA	3.248	1521889	1572771.05	84.3	3616.47	162362	92.3458 ng/ml
Meprobamate	4.861	459527	525.50	30.9	3320.61	270249	85.4406 ng/ml
Methadone	5.618	2429144	30397.93	60.0	29223.91	1100451	92.7047 ng/ml
Methamphetamine	3.182	3095419	25522.32	36.8	36091.44	1180704	98.8167 ng/ml
Metoprolol	4.279	420075	722417.12	103.4	2528.03	1861301	98.9120 ng/ml
Mirtazapine	4.593	2741960	291402.27	56.5	67228.16	944938	101.8882 ng/ml
Mitragynine	5.191	446668	738573.37	36.8	126552.06	1100451	106.2432 ng/ml
Morphine	1.233	73653	2761.29	36.3	1078.24	7694	105.2322 ng/ml
Norbuprenorphine	4.951	6936	1529.58	88.9	215.38	31907	10.2054 ng/ml
Nordiazepam	5.853	718103	39101.77	53.0	403.44	243013	98.6531 ng/ml
Norfentanyl	4.035	276174	11120.64	38.1	870.76	1216783	9.5346 ng/ml
Norhydrocodone	3.023	129050	238.63	38.1	205.74	68448	91.0971 ng/ml
Noroxycodone	2.866	317939	298.37	50.9	965.81	115261	100.5883 ng/ml
O-desmethyl-tramadol	3.328	3601967	∞	5.8	488.90	2153843	93.6527 ng/ml
o-desmethylvenlafaxine	4.020	2776696	158815.41	24.2	617.77	30335	93.4134 ng/ml
Olanzapine	4.421	679135	5277.75	61.4	3775.79	165385	102.9953 ng/ml
Oxazepam	5.708	560165	369.38	69.2	462.74	321020	98.9958 ng/ml
Oxycodone	2.798	803886	2680.44	31.1	608.14	338906	98.4651 ng/ml
Oxymorphone	1.386	223567	∞	49.1	∞	86426	96.2252 ng/ml
Phentermine	3.731	789215	428.79	5.0	445.45	939815	100.3781 ng/ml
Promethazine	5.503	3066443	898.24	30.2	1143.34	1538919	97.7858 ng/ml
Pseudoephedrine	2.552	3687490	4349.94	17.2	72.35	1681843	95.3384 ng/ml
Quetiapine	5.519	1857750	465.94	59.5	435.30	256444	101.8213 ng/ml
Sertraline	5.742	690475	1094.82	89.1	971514.46	292289	99.0251 ng/ml
Temazepam	5.776	1235231	916.01	27.6	330.23	510931	96.2775 ng/ml
Tramadol	4.197	3224527	726.19	3.9	124.64	1861301	96.8243 ng/ml
Trazodone	5.123	2389801	1883621.05	68.2	1292972.59	828081	102.0596 ng/ml
Venlafaxine	4.996	3345004	1179.35	30.5	1560.42	1684801	93.8106 ng/ml
Xylazine	4.035	1132315	650.18	48.2	8796.19	535483	95.2256 ng/ml
Zolpidem	4.879	2632451	1756.69	28.0	508646.52	1267348	101.6042 ng/ml



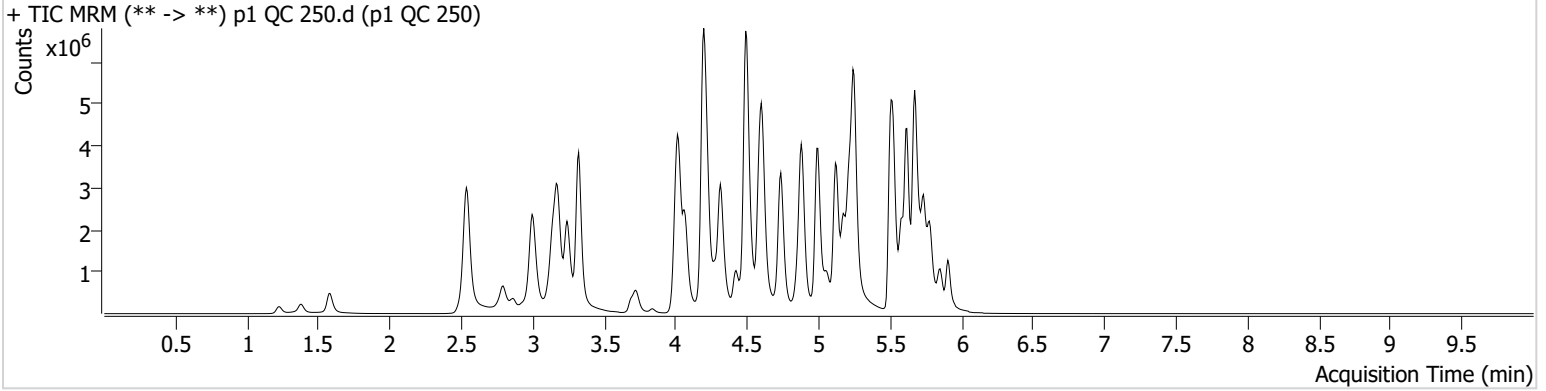
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-F11 **Comment**
Injection Volume 2
Acq. Date-Time 6/6/2024 12:53:46 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	65469	93393.44	70.7	998.92	74615	23.9044 ng/ml
7-aminoclonazepam	4.217	752943	5814.30	70.1	1318.16	156582	254.1832 ng/ml
9-hydroxyrisperidone	4.603	196850	1283.59	3466.9	9423.26	1076576	238.4584 ng/ml
a-hydroxyalprazolam	5.651	335729	280.01	65.2	325.79	53274	236.9332 ng/ml
alpha-PHP	4.888	1118989	2428.58	262.3	50432.71	812517	227.7623 ng/ml
alpha-PVP	4.315	4821833	508.61	50.3	∞	812517	231.4127 ng/ml
Alprazolam	5.728	1450752	419.43	100.0	1145.52	208229	243.3492 ng/ml
Amphetamine	2.999	5030533	86662.17	47.9	113029.06	401277	194.8706 ng/ml
Benzoylcegonine	3.835	105091	305.75	37.9	314.84	15880	245.1496 ng/ml
Bromazolam	5.766	621514	5789.64	119.8	414185.56	111496	235.4930 ng/ml
Buprenorphine	5.820	117721	49406.11	13.3	373.43	159322	24.5181 ng/ml
Bupropion	4.738	5453117	65215.38	63.5	75941.89	685037	232.2102 ng/ml
Carisoprodol	5.689	1103349	477.61	69.4	239.75	202239	230.2944 ng/ml
Citalopram	5.173	3195467	1309.05	32.8	1581.64	580436	231.7554 ng/ml
Clonazepam	5.570	953748	2683.68	34.6	6655.37	67692	236.1711 ng/ml
Clonazolam	5.513	625608	266362.97	41.4	316310.21	67692	206.4757 ng/ml
Cocaine	4.216	2924537	661.23	53.1	999.83	982356	248.5562 ng/ml
Codeine	2.542	231390	209.42	94.3	301.88	55297	226.4999 ng/ml
Cyclobenzaprine	5.586	2935259	4187.61	8.8	11644.18	522804	237.3508 ng/ml
Dextromethorphan	5.223	1854437	1010.73	79.8	1056.93	384530	233.4611 ng/ml
Dextrorphan	4.068	1308884	583.87	207.3	2240.58	614861	238.9990 ng/ml
Diazepam	5.906	1310206	1231.83	90.1	439.49	241155	245.5959 ng/ml
Dihydrocodeine	2.514	725038	∞	69.2	18038.10	217445	225.2921 ng/ml
Diphenhydramine	5.251	8383868	2239.96	31.6	761.21	2087365	211.3780 ng/ml
Doxylamine	4.490	10325678	420.30	95.6	165011.95	1736293	260.8685 ng/ml
Duloxetine	5.606	290673	1103.92	13.3	1276.22	71099	233.6164 ng/ml
EDDP	5.215	3152365	44626.61	40.8	399.68	646617	238.9990 ng/ml
Etizolam	5.773	954123	1544.69	26.6	4071.03	67692	260.2083 ng/ml
Fentanyl	5.055	399817	567.09	69.1	219.27	806693	24.0433 ng/ml
Fluorofentanyl	5.116	892011	29071.14	42.9	3163.70	7032	24.3058 ng/ml
Fluoxetine	5.673	3124049	2363.38	7.9	501.69	542879	230.9365 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	1077685	2434.88	43.1	∞	254431	236.7801 ng/ml
Hydromorphone	1.582	863865	3974642.70	81.1	1448.61	123259	239.0921 ng/ml
Hydroxyzine	5.670	3606060	1805.98	76.7	1236.67	384530	237.5603 ng/ml
Ketamine	4.001	2515755	16985.00	32.9	577.72	552013	227.5537 ng/ml
Lamotrigine	4.232	208994	3453.37	87.3	336201.51	1318082	214.5885 ng/ml
Lorazepam	5.706	384056	3787.98	58.6	1737.78	158351	220.7492 ng/ml
MDA	3.140	2997937	4385.33	28.1	1594.55	403693	254.0782 ng/ml
MDMA	3.241	3215584	215934.94	83.8	79022.78	132885	237.7812 ng/ml
Meprobamate	4.854	730951	492.29	31.8	170.59	214662	171.4899 ng/ml
Methadone	5.618	5242123	251653.81	58.7	16893.82	906352	241.8370 ng/ml
Methamphetamine	3.175	6355983	111287.45	36.2	27017.17	1066123	235.4299 ng/ml
Metoprolol	4.272	835524	455.18	105.1	1610803.20	1527338	240.0393 ng/ml
Mirtazapine	4.586	5771795	164915.07	55.5	2377.70	812517	249.7374 ng/ml
Mitragynine	5.191	956535	5397.22	36.4	169701.21	906352	274.5242 ng/ml
Morphine	1.227	154247	4191.30	34.3	305.17	7183	237.8756 ng/ml
Norbuprenorphine	4.951	14976	17564.95	95.9	44.48	28850	24.7617 ng/ml
Nordiazepam	5.853	1232550	41542.75	52.9	708.81	168448	244.4956 ng/ml
Norfentanyl	4.035	487434	417911.37	38.4	680.51	815489	24.9664 ng/ml
Norhydrocodone	3.016	271488	1111.59	42.9	197.03	54566	238.4751 ng/ml
Noroxycodone	2.859	660020	2155.20	50.1	1499.09	92166	261.0773 ng/ml
O-desmethyl-tramadol	3.321	8067380	3261.04	5.7	31468.80	1864413	241.5818 ng/ml
o-desmethylvenlafaxine	4.013	5230135	77931.33	24.0	3494.58	22786	232.9272 ng/ml
Olanzapine	4.421	1698484	7184.02	61.3	2597.35	162151	262.2369 ng/ml
Oxazepam	5.708	659726	594.04	70.4	815.29	158351	236.6542 ng/ml
Oxycodone	2.791	1767873	5799.28	31.8	475.75	307813	238.2464 ng/ml
Oxymorphone	1.379	467621	∞	50.7	∞	72273	240.7365 ng/ml
Phentermine	3.724	1546169	∞	4.8	654.29	810691	229.2088 ng/ml
Promethazine	5.503	6769932	46321.62	28.8	11061.78	1269571	260.7136 ng/ml
Pseudoephedrine	2.545	7496465	122880.58	16.6	139.17	1318082	246.6319 ng/ml
Quetiapine	5.519	3562072	247935.70	62.5	16480.84	206223	242.9489 ng/ml
Sertraline	5.742	1246557	870.79	88.0	3200.59	217088	240.2250 ng/ml
Temazepam	5.783	1724929	23327.46	26.7	1784.70	295958	231.1400 ng/ml
Tramadol	4.191	6681858	684.68	3.9	478.36	1527338	244.1003 ng/ml
Trazodone	5.116	5001575	136241.93	71.7	266.17	754863	234.8411 ng/ml
Venlafaxine	4.996	7302949	2405.81	30.4	3866.70	1418441	242.3542 ng/ml
Xylazine	4.028	2362958	128420.55	49.2	2511.75	441383	240.4720 ng/ml
Zolpidem	4.879	5553262	20717.17	27.8	51127.60	1121290	242.6375 ng/ml



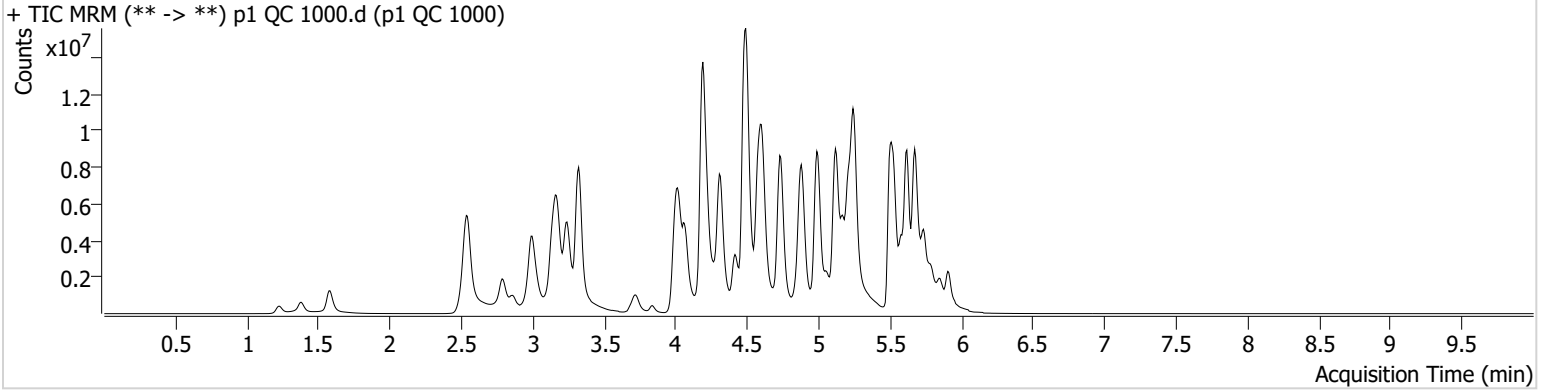
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E11 **Comment**
Injection Volume 2
Acq. Date-Time 6/6/2024 1:15:04 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	199460	318.37	68.0	1076.91	57794	93.8893 ng/ml
7-aminoclonazepam	4.230	801443	66.16	66.4	259.02	47295	897.7770 ng/ml
9-hydroxyrisperidone	4.603	499461	258005.55	3639.6	744328.58	670294	970.7312 ng/ml
a-hydroxyalprazolam	5.644	391704	482.04	67.4	98.17	16022	918.7317 ng/ml
alpha-PHP	4.888	2363884	4026.00	272.2	127071.66	567751	689.5646 ng/ml
alpha-PVP	4.315	14151582	3552.98	50.4	131695.09	567751	970.5613 ng/ml
Alprazolam	5.734	2912274	133.31	89.8	495.62	105250	965.7892 ng/ml
Amphetamine	2.999	9592664	172.99	47.7	4582.02	305502	490.4735 ng/ml
Benzoylcegonine	3.835	433983	2160.63	38.1	885.13	16863	951.7618 ng/ml
Bromazolam	5.766	986693	922405.74	127.0	935967.48	47592	875.8677 ng/ml
Buprenorphine	5.820	389897	56366.57	14.3	55346.60	120476	107.1607 ng/ml
Bupropion	4.731	16255840	518862.19	63.1	21566.20	543705	871.6034 ng/ml
Carisoprodol	5.689	1430901	8897.49	66.0	∞	57512	1046.8858 ng/ml
Citalopram	5.166	7003740	34628.21	32.1	∞	314946	934.1908 ng/ml
Clonazepam	5.563	1101557	∞	35.1	4944.89	26165	707.2298 ng/ml
Clonazolam	5.527	663001	378997.72	40.7	28.40	26165	567.5975 ng/ml
Cocaine	4.216	6886015	294523.26	52.8	116106.45	547094	1049.3681 ng/ml
Codeine	2.535	510251	5075.30	90.6	95.72	34444	804.2539 ng/ml
Cyclobenzaprine	5.586	6436119	78174.04	8.0	9698.21	277687	977.6722 ng/ml
Dextromethorphan	5.223	3577751	340693.65	78.9	∞	185029	935.3802 ng/ml
Dextrorphan	4.068	3287698	218668.56	209.5	295034.76	363689	1014.1193 ng/ml
Diazepam	5.906	3050088	2472.03	90.2	2912.71	142642	966.1740 ng/ml
Dihydrocodeine	2.507	1733886	∞	77.5	41249.09	177291	662.2858 ng/ml
Diphenhydramine	5.251	20007026	784985.91	32.2	41705.52	1204420	871.8880 ng/ml
Doxylamine	4.491	29124932	5191.00	96.2	572724.20	1376708	926.6917 ng/ml
Duloxetine	5.606	345994	739.37	13.2	1098.19	21637	913.5474 ng/ml
EDDP	5.215	10632679	1117.56	39.7	2156.16	516379	1007.6684 ng/ml
Etizolam	5.773	2092528	1139.71	26.6	1483.66	26165	1473.3871 ng/ml
Fentanyl	5.055	1507001	11709.63	65.7	325.23	709498	103.0198 ng/ml
Fluorofentanyl	5.110	2279031	98649.61	45.9	991190.25	4564	95.8885 ng/ml
Fluoxetine	5.673	5035004	37127.23	7.8	17370.79	218254	925.0707 ng/ml

AM #28 Multi-Drug Quant. Results



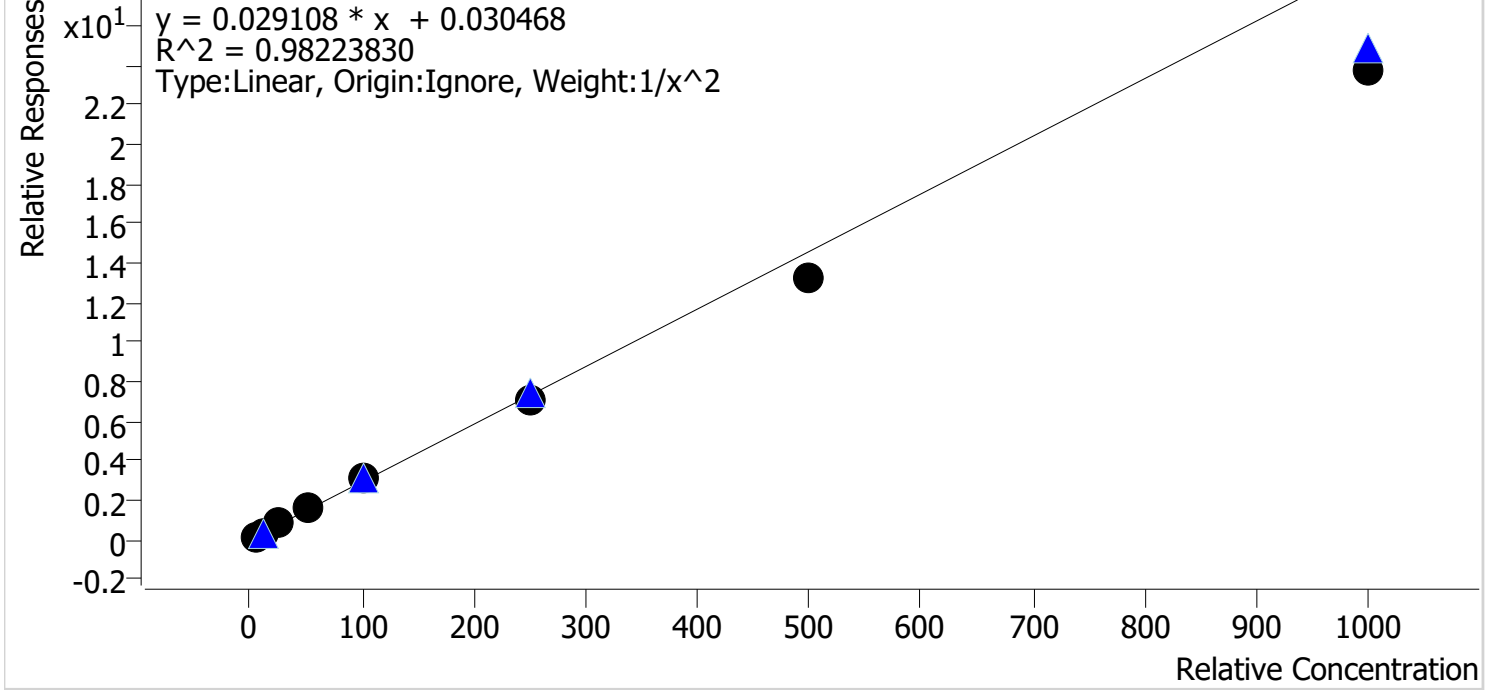
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.968	2959749	∞	50.2	∞	218270	758.2680 ng/ml
Hydromorphone	1.582	2693028	14714833.54	81.9	6455719.38	96242	953.9137 ng/ml
Hydroxyzine	5.670	7890355	780335.53	77.6	223599.45	185029	1077.9773 ng/ml
Ketamine	3.987	4975392	230141.12	32.8	45789.97	386524	643.8450 ng/ml
Lamotrigine	4.232	305234	15128.61	86.7	23179.25	757992	545.3700 ng/ml
Lorazepam	5.706	457707	567091.71	59.5	1900.08	36507	1144.6541 ng/ml
MDA	3.133	5653211	143279.10	27.1	113345.07	227607	852.2317 ng/ml
MDMA	3.241	8168699	301431.95	83.1	1198.46	84825	945.1245 ng/ml
Meprobamate	4.848	1122649	673.66	31.3	2441.36	135015	419.3241 ng/ml
Methadone	5.618	13368717	4231.17	59.7	177074.88	574454	971.0903 ng/ml
Methamphetamine	3.168	16110517	146579.49	34.8	164887.76	910407	715.3693 ng/ml
Metoprolol	4.272	1762492	2417847.13	104.1	120215.91	1089981	709.9168 ng/ml
Mirtazapine	4.580	14746760	340378.04	54.7	147107.47	567751	913.7226 ng/ml
Mitragynine	5.184	2198971	232868.83	33.9	84258.05	574454	992.9063 ng/ml
Morphine	1.227	426890	1442.74	37.7	3377.10	5341	889.3201 ng/ml
Norbuprenorphine	4.944	47073	91847.31	92.2	71268.48	22321	101.4644 ng/ml
Nordiazepam	5.853	1784139	616.07	58.5	16341.67	71315	836.3020 ng/ml
Norfentanyl	4.035	749220	79483.93	39.4	804.06	232263	134.3526 ng/ml
Norhydrocodone	3.016	726081	101.25	46.3	691.32	33892	1022.9242 ng/ml
Noroxycodone	2.859	1814188	511.25	50.8	606.72	65647	1007.4073 ng/ml
O-desmethyl-tramadol	3.321	23015036	1636.59	5.8	97261.94	1331906	963.3563 ng/ml
o-desmethylvenlafaxine	4.006	9507814	96486.51	24.0	3969.58	9579	1004.3330 ng/ml
Olanzapine	4.414	5432092	1385.78	64.6	1974.42	147617	920.4712 ng/ml
Oxazepam	5.708	633506	7283.03	69.7	18992.96	36507	986.3784 ng/ml
Oxycodone	2.784	5961917	2936.51	31.2	658.72	266594	927.3360 ng/ml
Oxymorphone	1.379	1549094	∞	48.8	∞	64175	898.2222 ng/ml
Phentermine	3.724	3919666	∞	4.5	1263.97	685415	689.2072 ng/ml
Promethazine	5.503	16207396	1131.80	30.0	32525.87	799440	989.5762 ng/ml
Pseudoephedrine	2.545	18544270	242851.52	16.0	124144.09	757992	1059.5165 ng/ml
Quetiapine	5.526	7848124	21413.83	59.7	5783.66	122326	902.7313 ng/ml
Sertraline	5.742	1805263	24387.14	85.0	11253.76	72534	1040.0929 ng/ml
Temazepam	5.790	1894502	298.76	28.1	8621.76	76513	979.7454 ng/ml
Tramadol	4.191	15726381	392.76	3.8	58.08	1089981	804.4194 ng/ml
Trazodone	5.116	13201983	565818.01	76.4	281801.14	676971	691.9876 ng/ml
Venlafaxine	4.989	20604071	∞	30.3	435202.88	978523	989.3856 ng/ml
Xylazine	4.021	6575295	99795.74	49.2	73720.55	305965	964.1008 ng/ml
Zolpidem	4.879	14745631	518969.86	27.1	78363.72	883074	818.7282 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



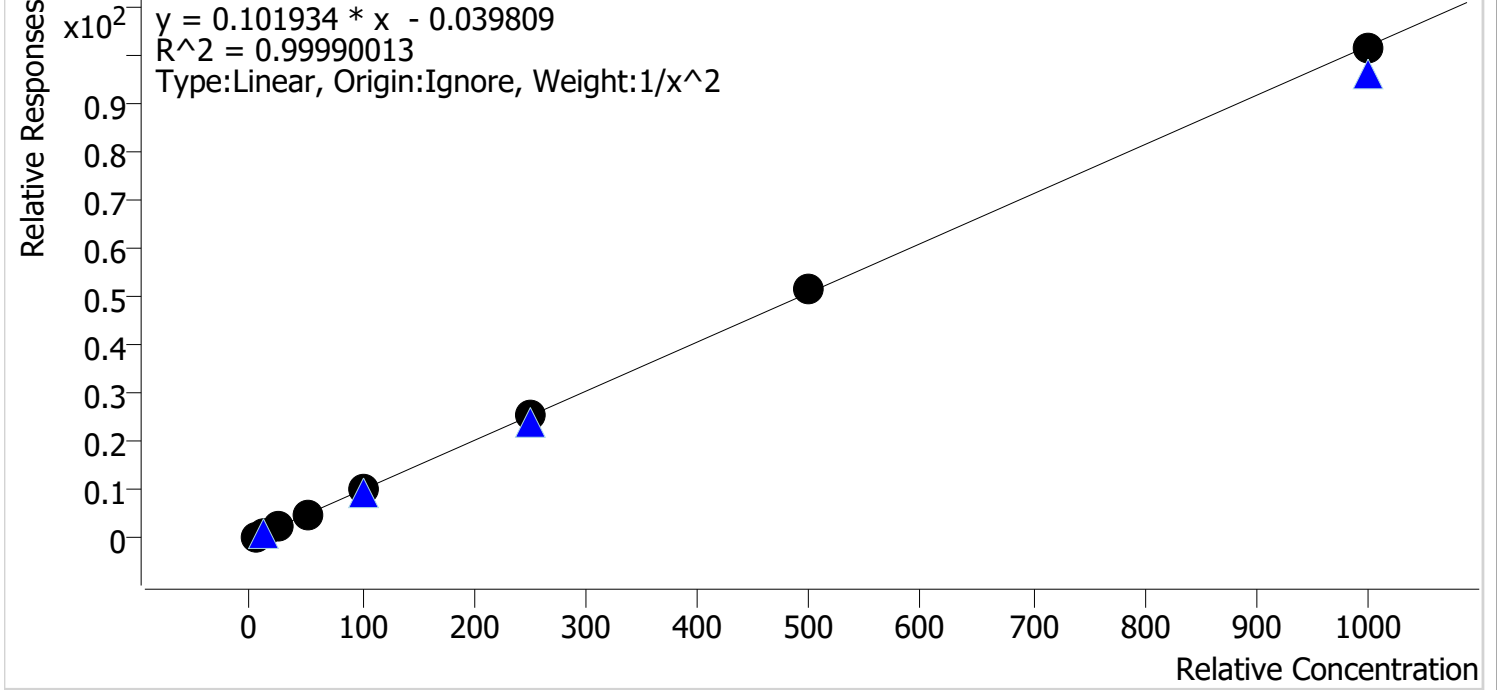
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.1
p1 Cal 2-10ng	2	✓	10.0	10.8	107.8
p1 Cal 3 -25ng	3	✓	25.0	28.4	113.6
p1 Cal 4-50ng	4	✓	50.0	56.3	112.6
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	239.5	95.8
p1 Cal 7-500ng	7	✓	500.0	451.0	90.2
p1 Cal 8-1000ng	8	✓	1000.0	817.0	81.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

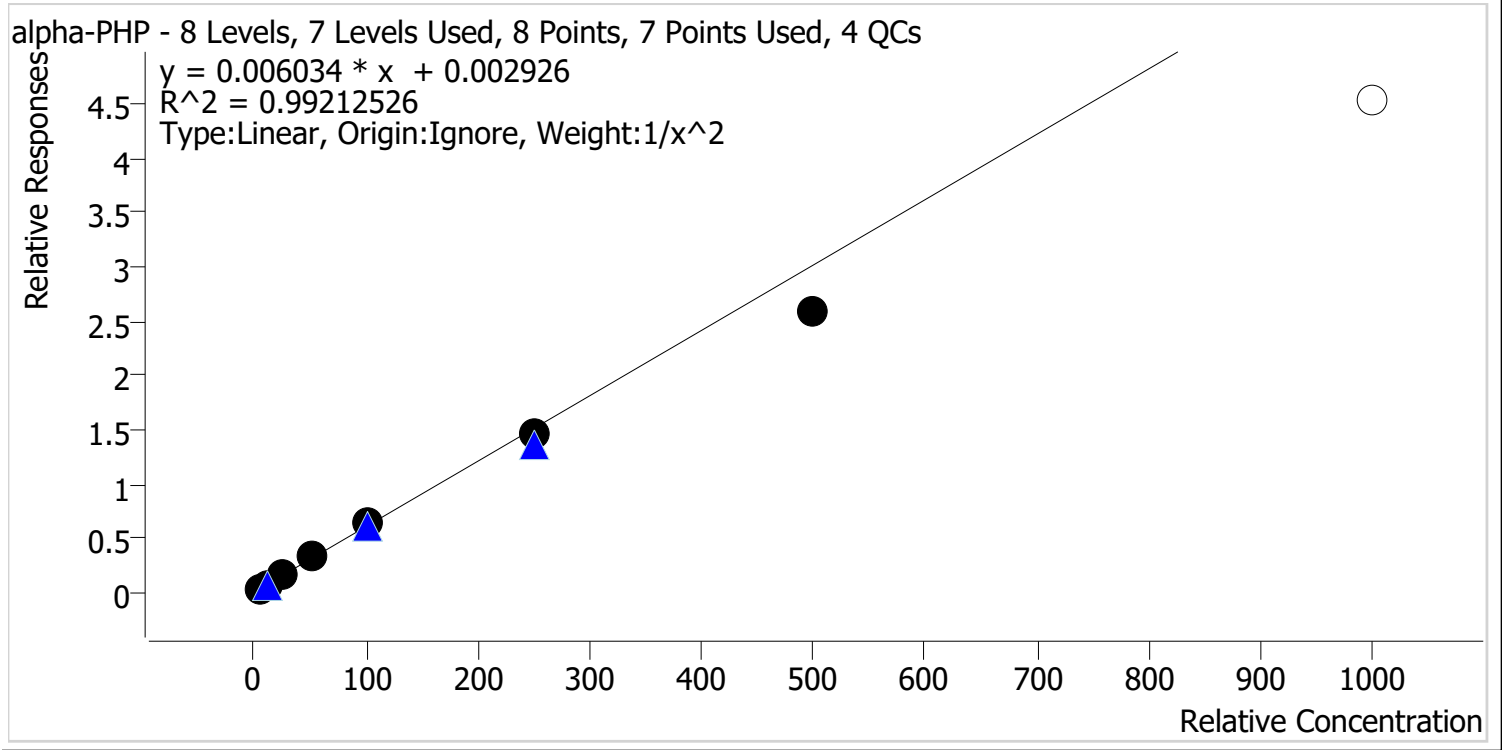


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	994.8	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

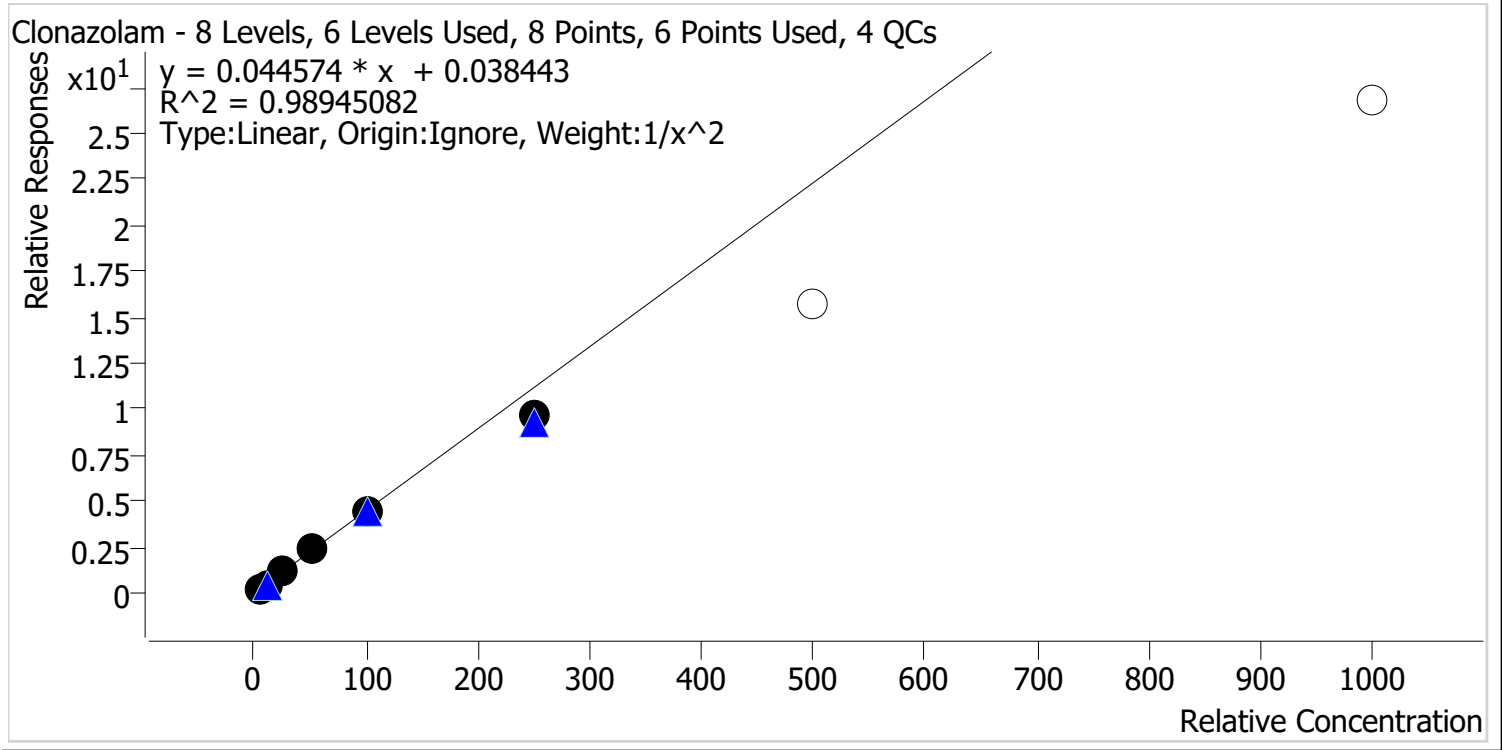


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	431.5	86.3
p1 Cal 8-1000ng	8	✗	1000.0	751.6	75.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



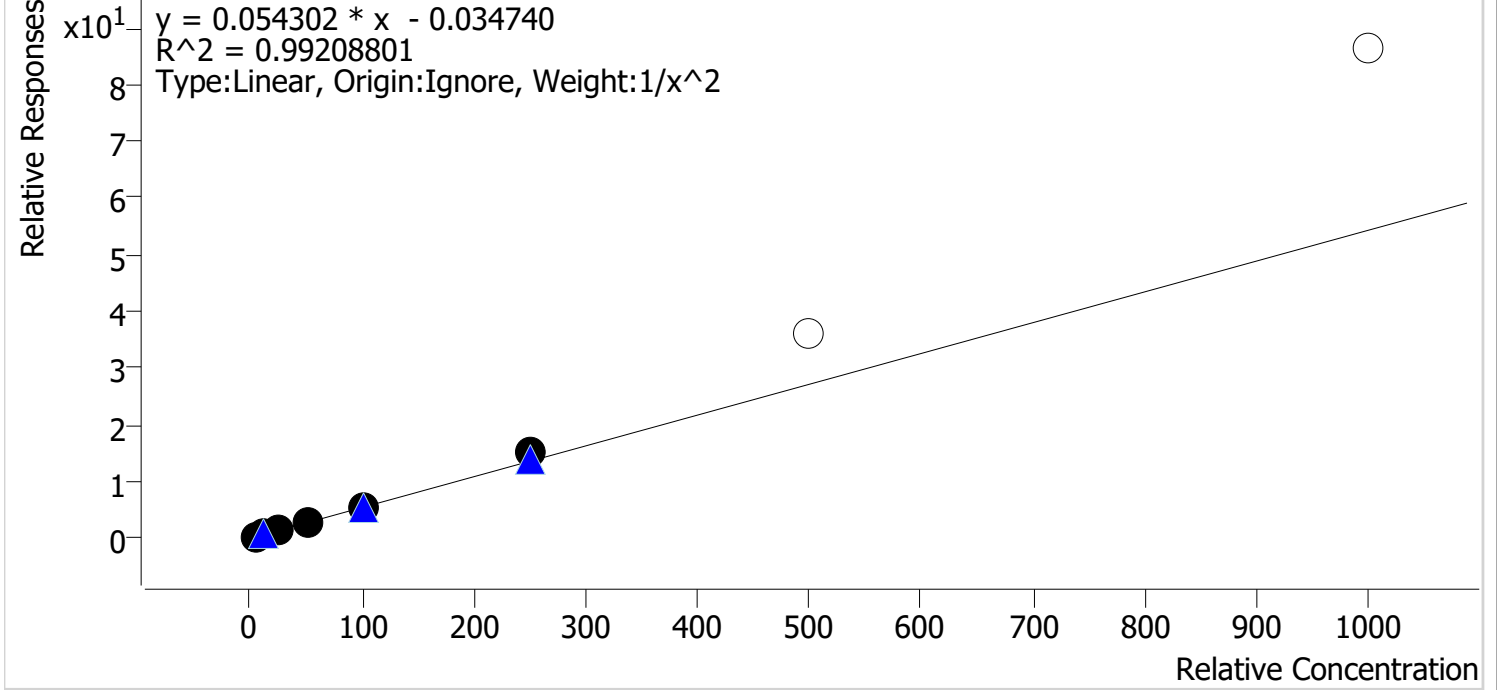
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	214.8	85.9
p1 Cal 7-500ng	7	x	500.0	353.9	70.8
p1 Cal 8-1000ng	8	x	1000.0	600.1	60.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs

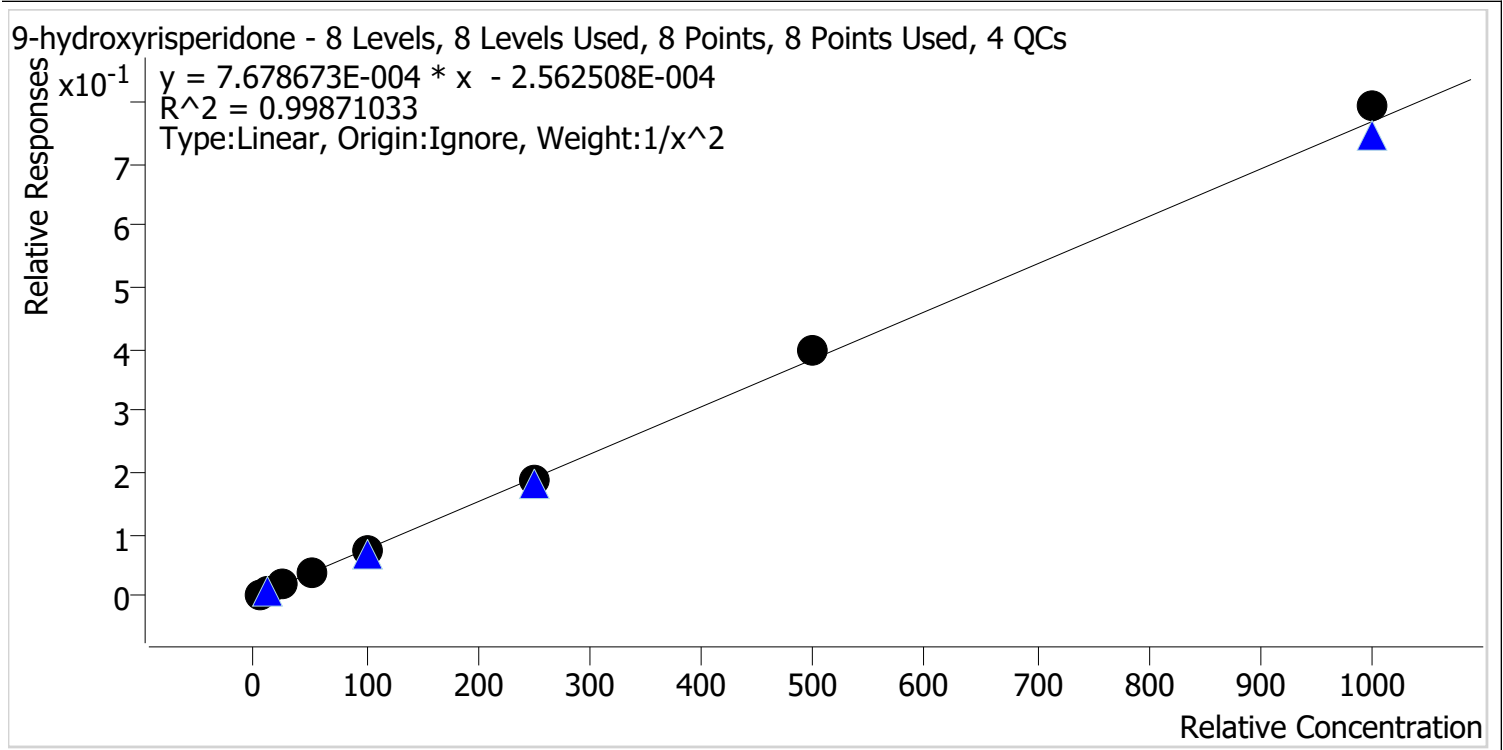


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	281.7	112.7
p1 Cal 7-500ng	7	✗	500.0	662.9	132.6
p1 Cal 8-1000ng	8	✗	1000.0	1590.0	159.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4

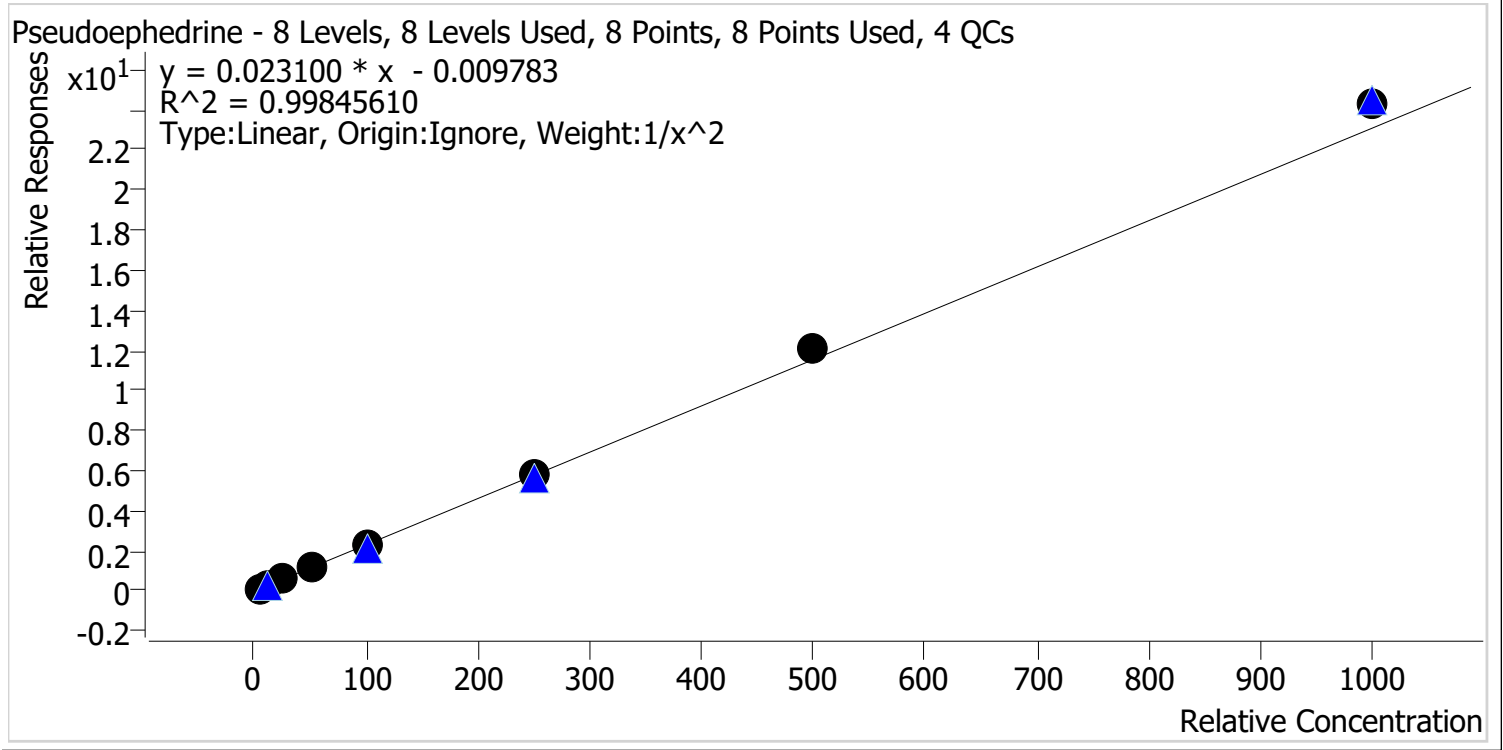


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	521.5	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1032.2	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

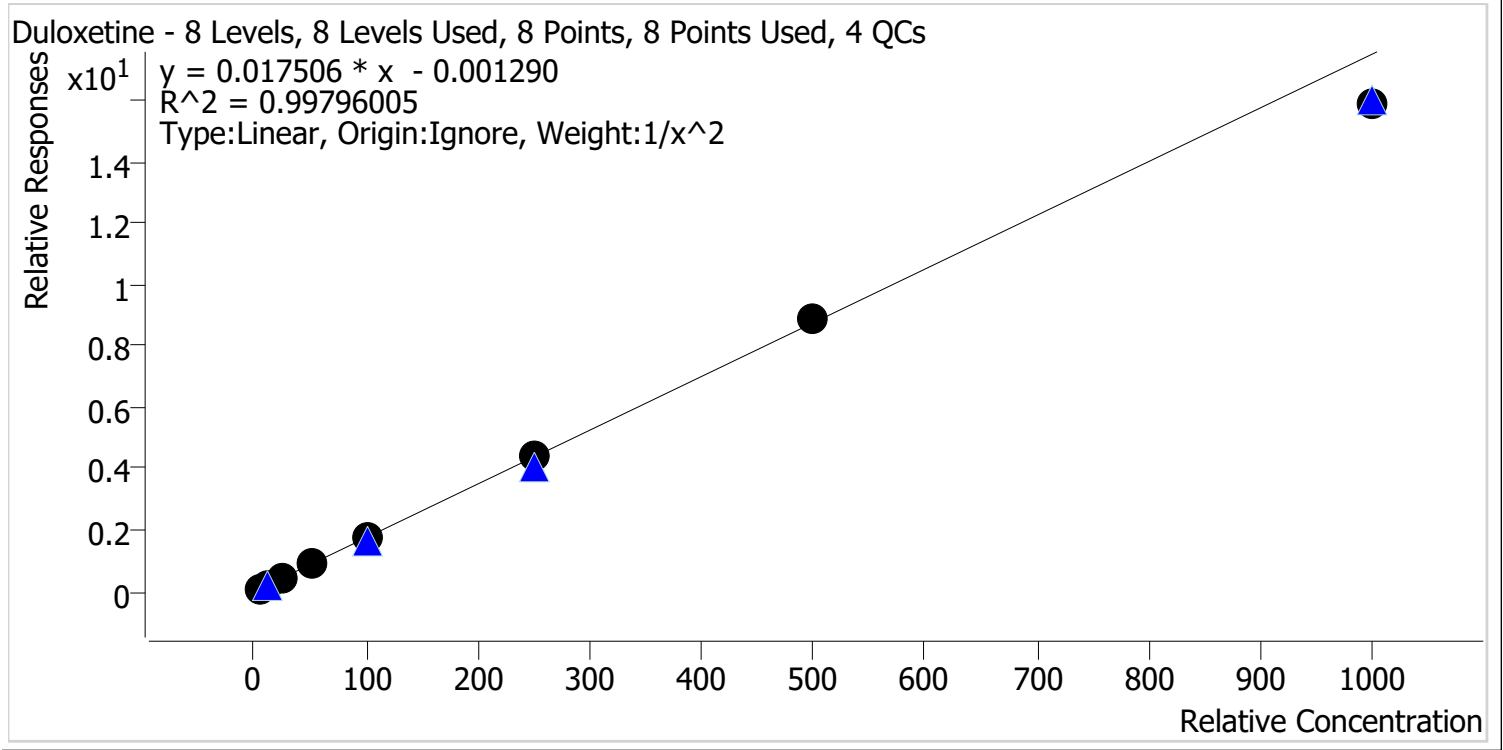


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	521.6	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1052.8	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

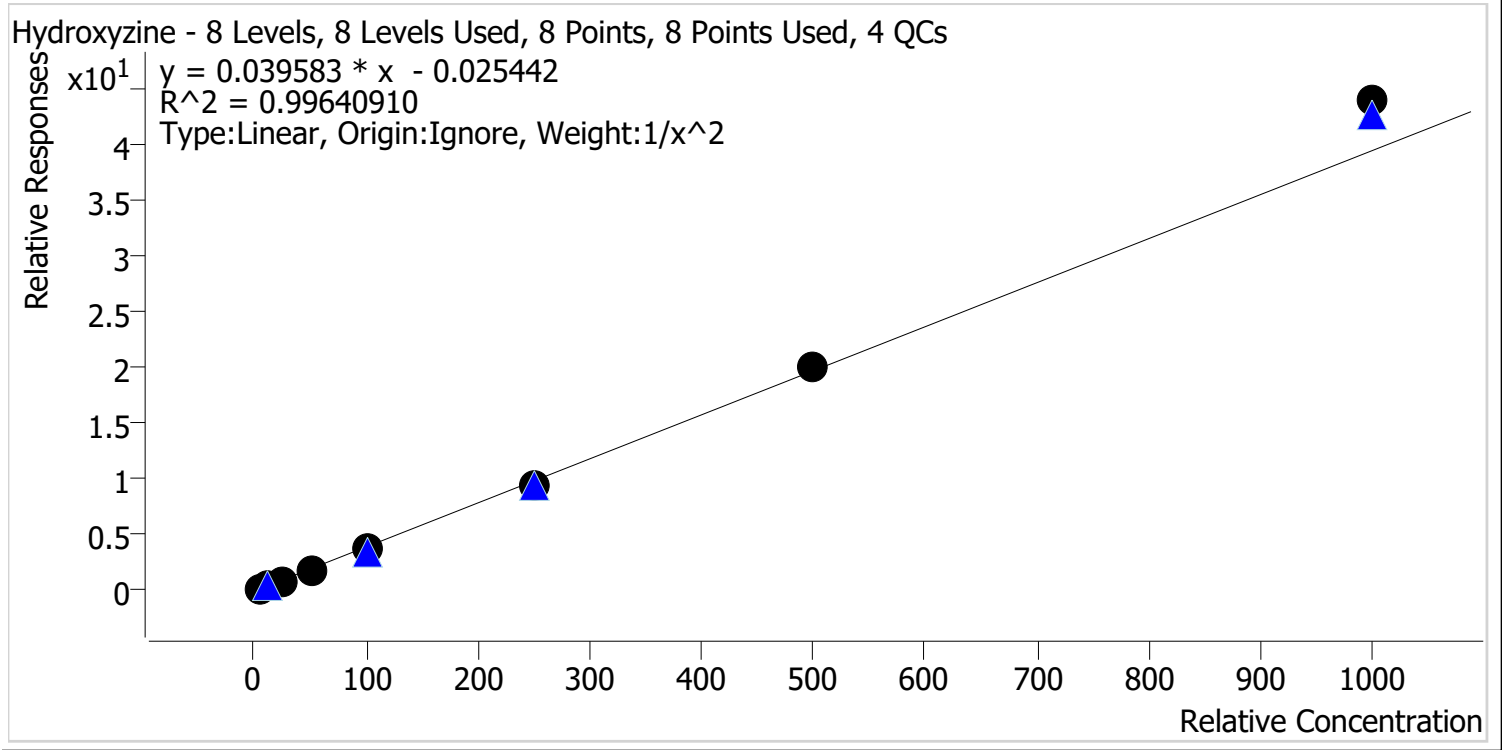


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	508.7	101.7
p1 Cal 8-1000ng	8	✓	1000.0	911.2	91.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

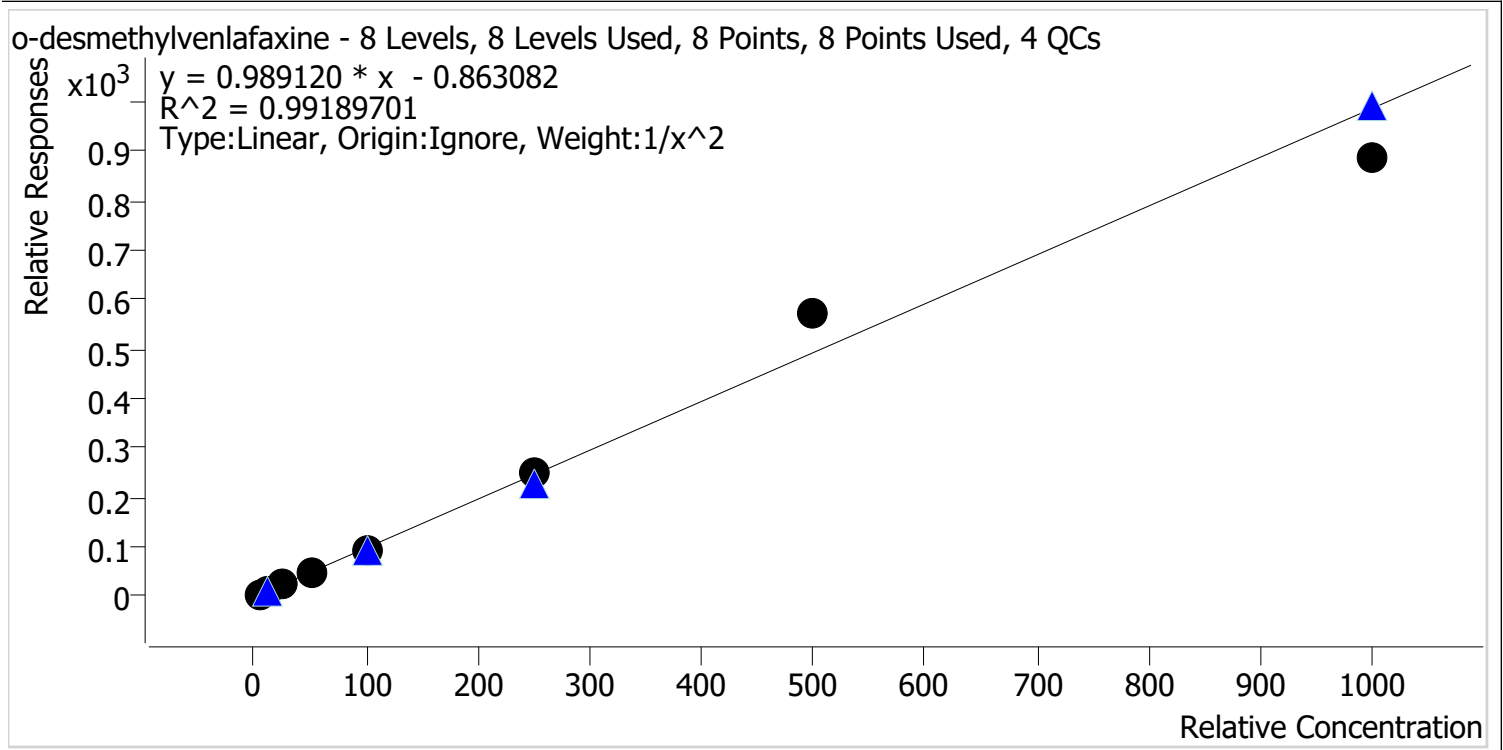


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	241.6	96.7
p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1113.6	111.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

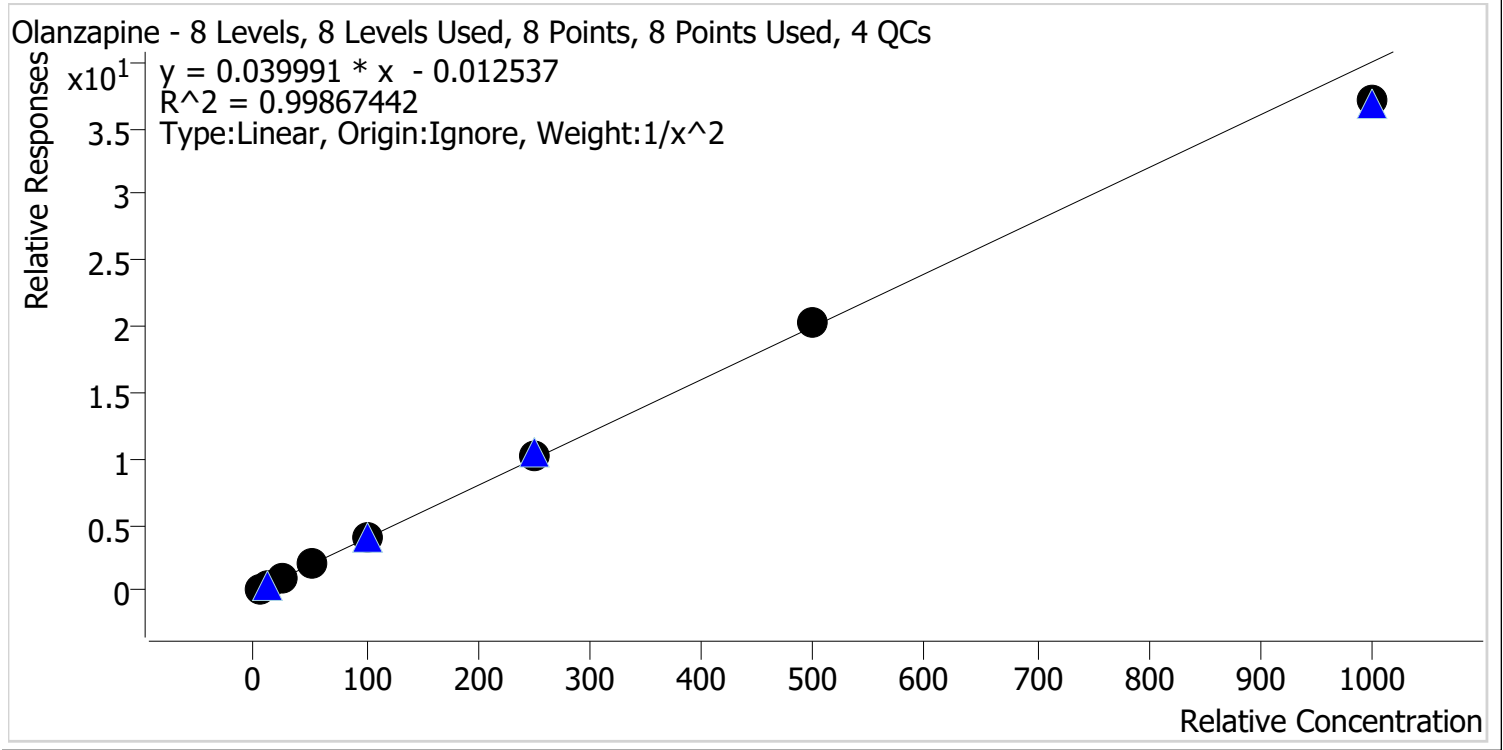


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	582.1	116.4
p1 Cal 8-1000ng	8	✓	1000.0	896.3	89.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

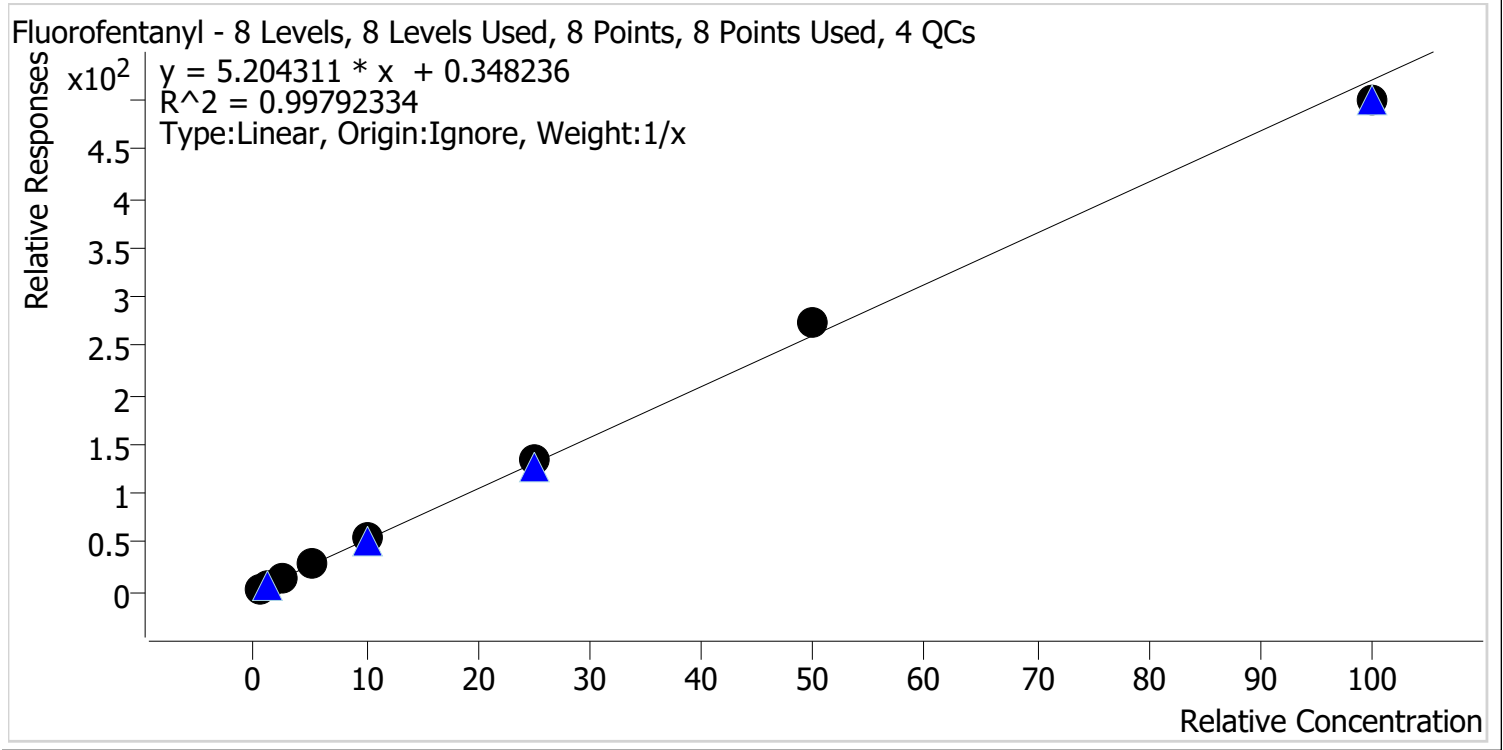


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	926.8	92.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

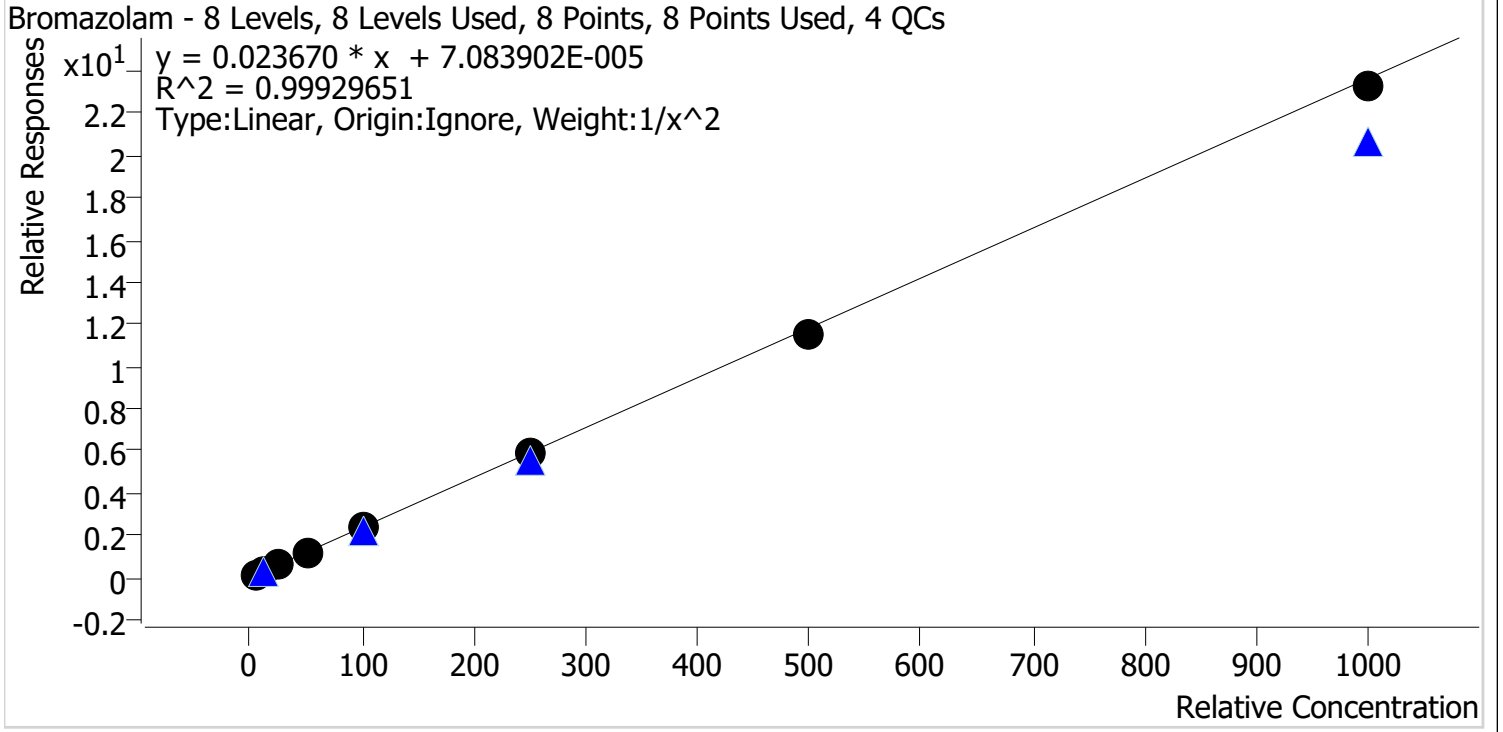


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.4	88.1
p1 Cal 2-10ng	2	✓	1.0	1.0	96.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.6
p1 Cal 4-50ng	4	✓	5.0	5.2	103.3
p1 Cal 5-100ng	5	✓	10.0	10.6	106.5
p1 Cal 6-250ng	6	✓	25.0	25.9	103.5
p1 Cal 7-500ng	7	✓	50.0	52.4	104.8
p1 Cal 8-1000ng	8	✓	100.0	95.9	95.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

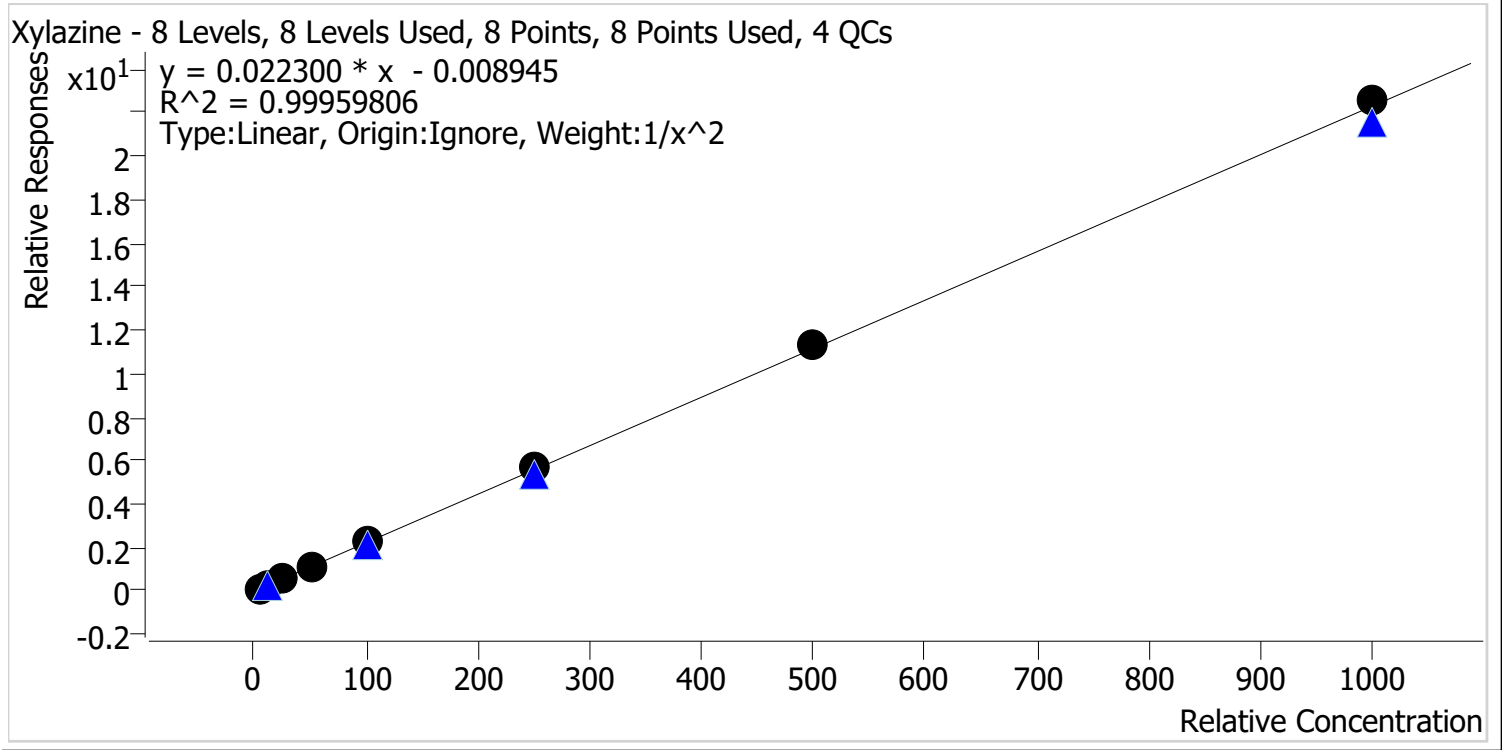


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	983.8	98.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6

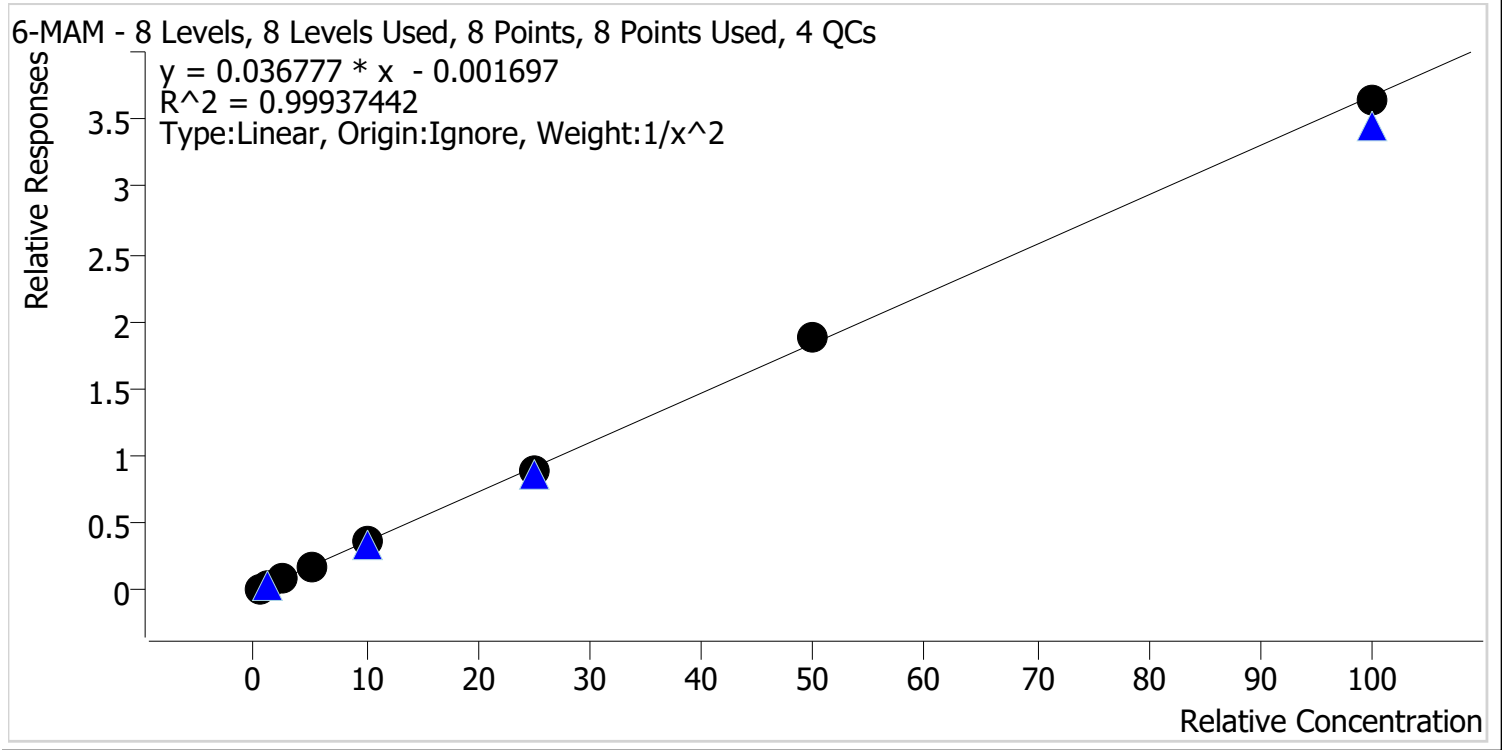


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1011.6	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



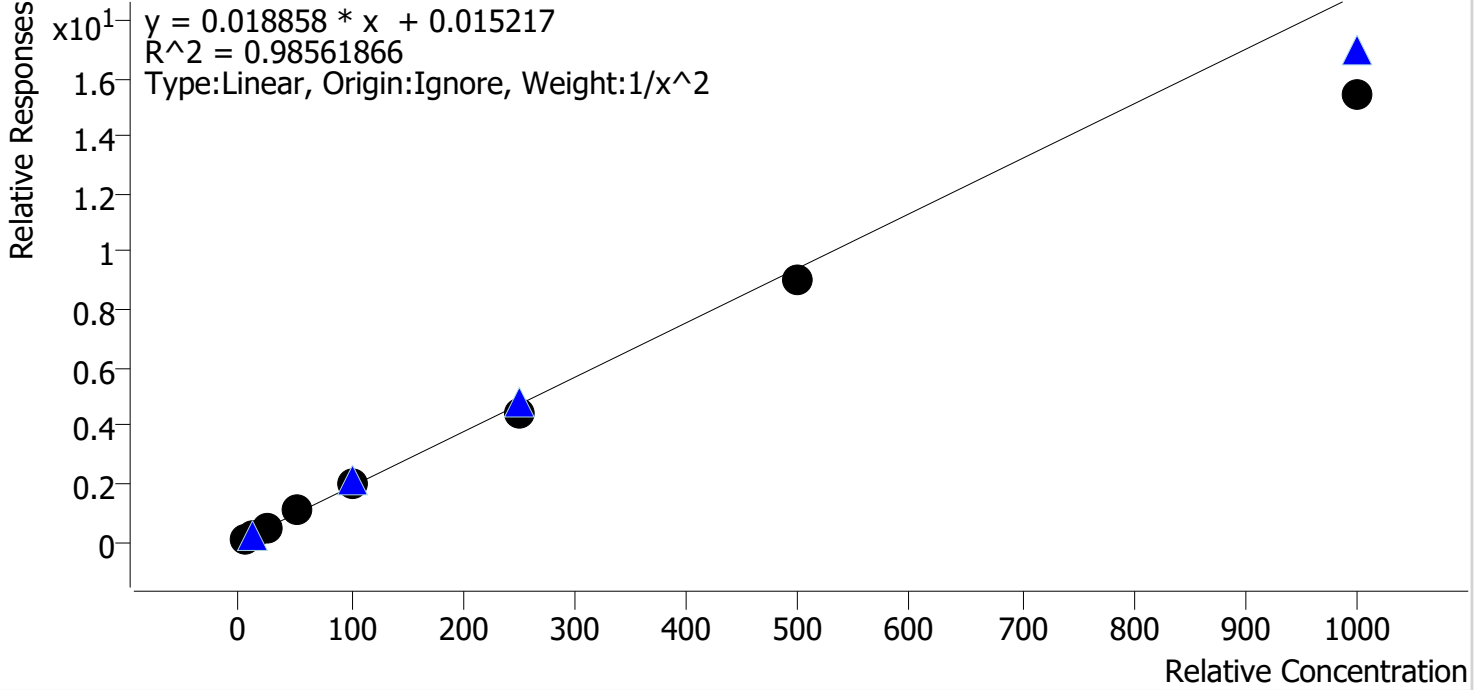
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.1
p1 Cal 2-10ng	2	✓	1.0	1.0	103.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.2
p1 Cal 4-50ng	4	✓	5.0	5.1	101.0
p1 Cal 5-100ng	5	✓	10.0	9.7	97.2
p1 Cal 6-250ng	6	✓	25.0	24.6	98.6
p1 Cal 7-500ng	7	✓	50.0	51.0	102.0
p1 Cal 8-1000ng	8	✓	100.0	99.0	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datator
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

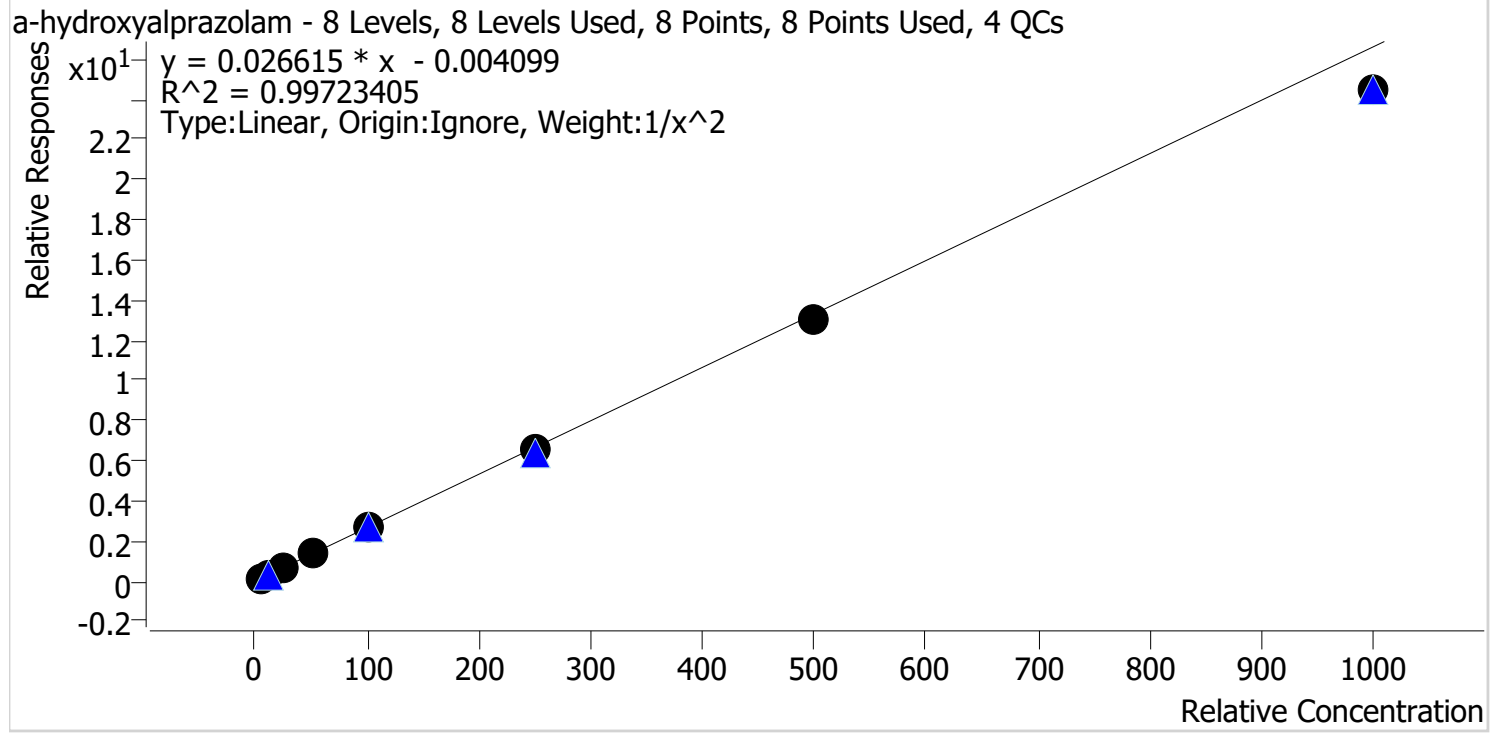


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.5
p1 Cal 2-10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	56.2	112.4
p1 Cal 5-100ng	5	✓	100.0	107.7	107.7
p1 Cal 6-250ng	6	✓	250.0	234.3	93.7
p1 Cal 7-500ng	7	✓	500.0	476.2	95.2
p1 Cal 8-1000ng	8	✓	1000.0	818.8	81.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

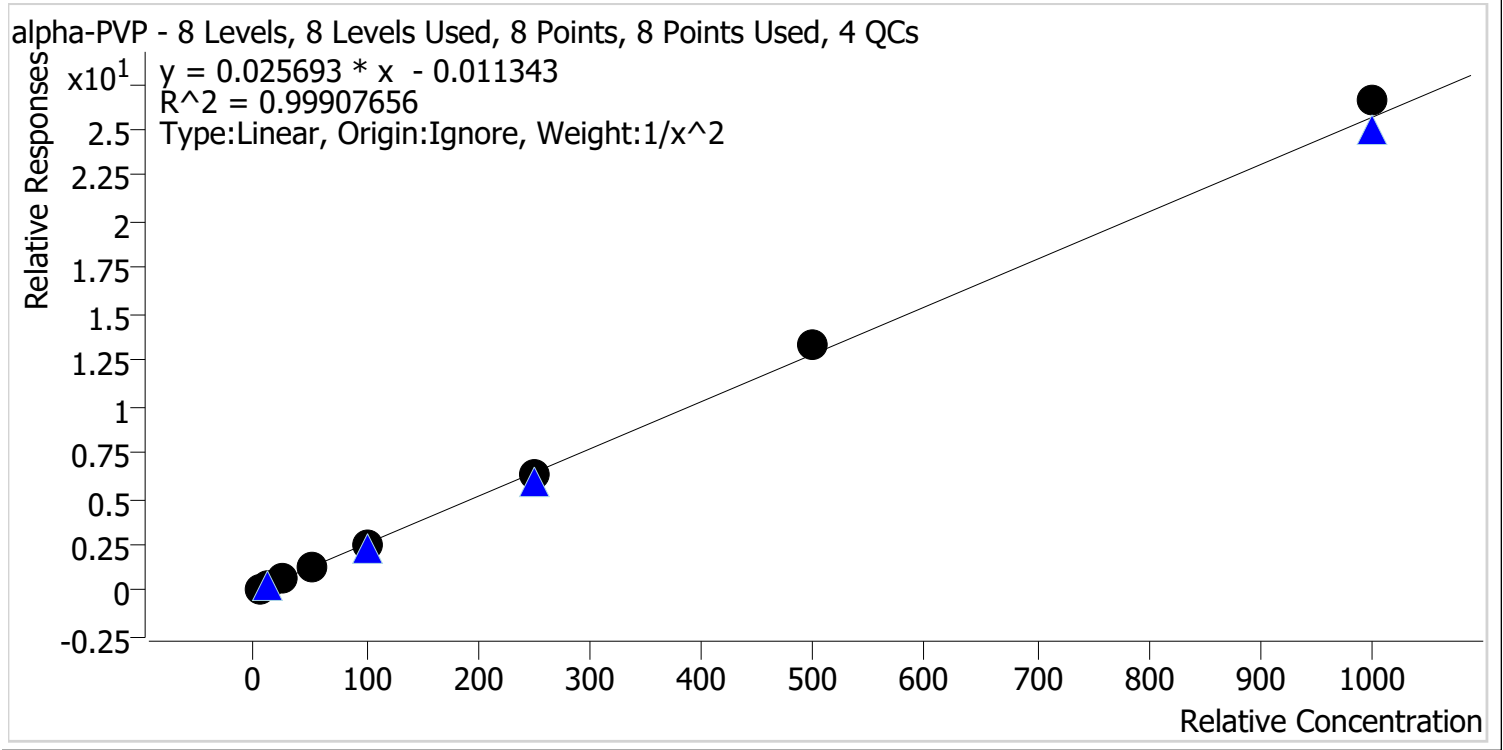


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
p1 Cal 8-1000ng	8	✓	1000.0	918.7	91.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8



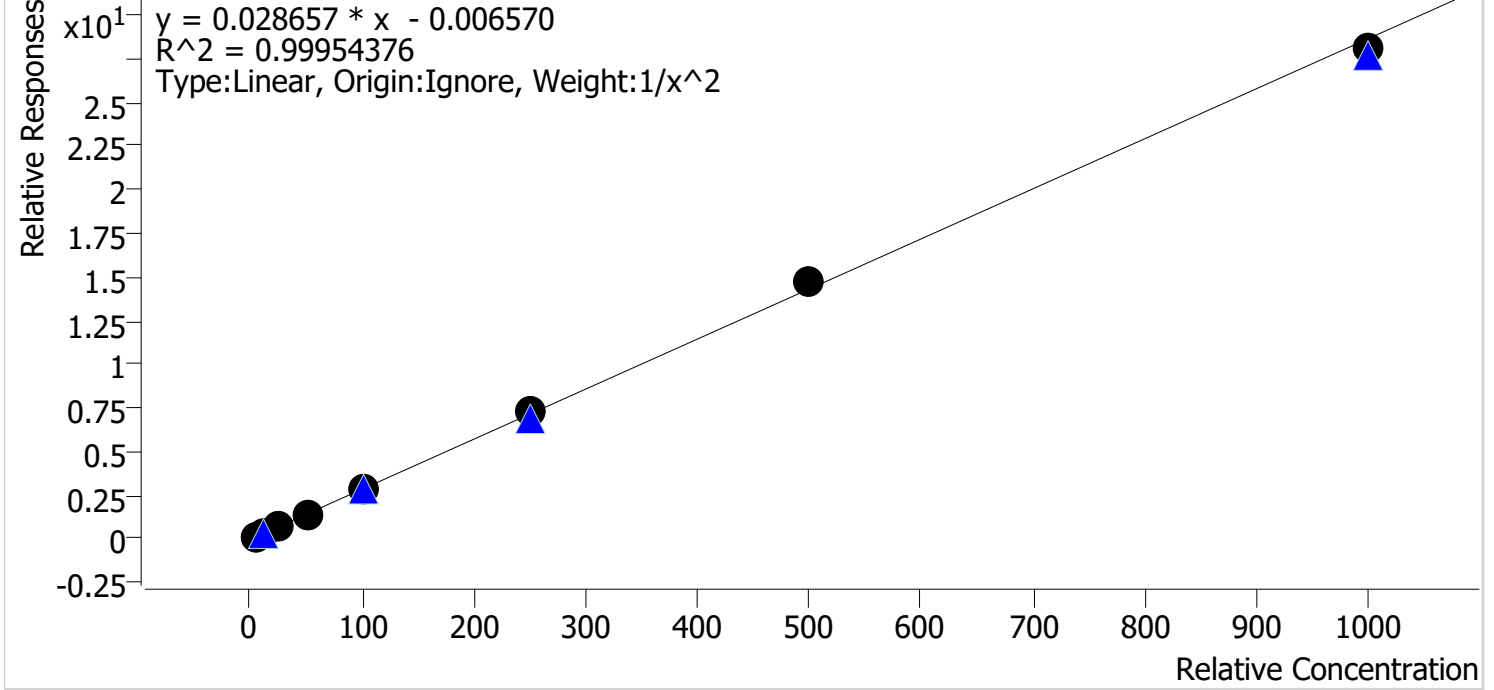
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1035.2	103.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

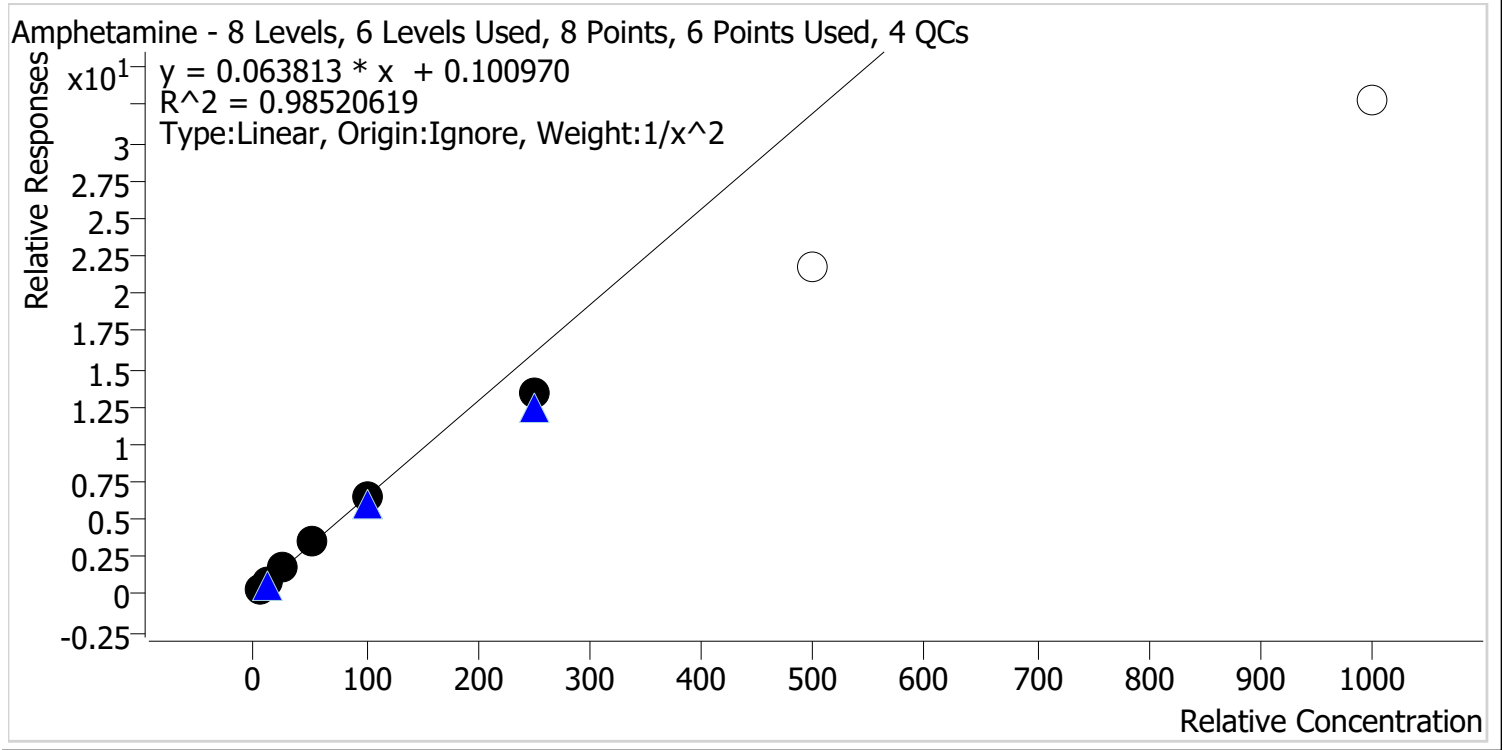


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	516.3	103.3
p1 Cal 8-1000ng	8	✓	1000.0	980.2	98.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



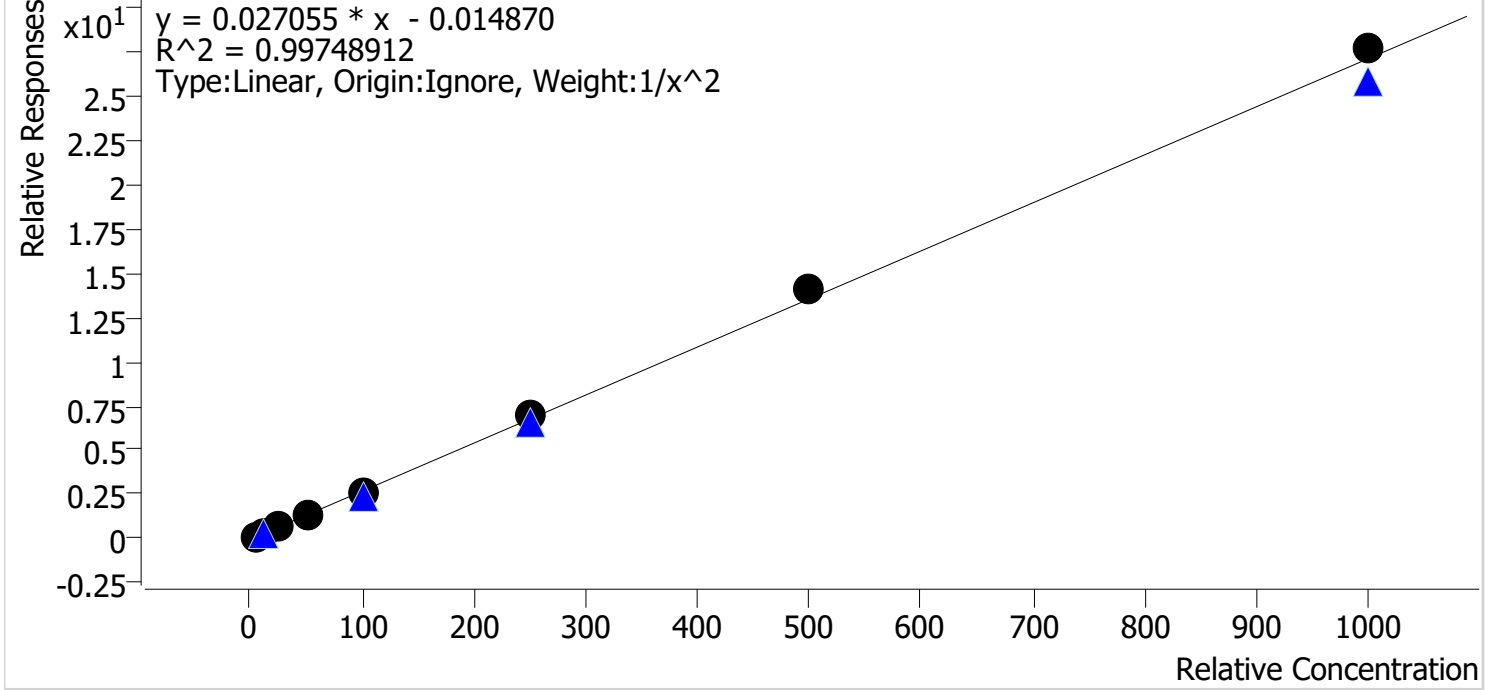
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.1
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	208.0	83.2
p1 Cal 7-500ng	7	✗	500.0	339.4	67.9
p1 Cal 8-1000ng	8	✗	1000.0	512.7	51.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

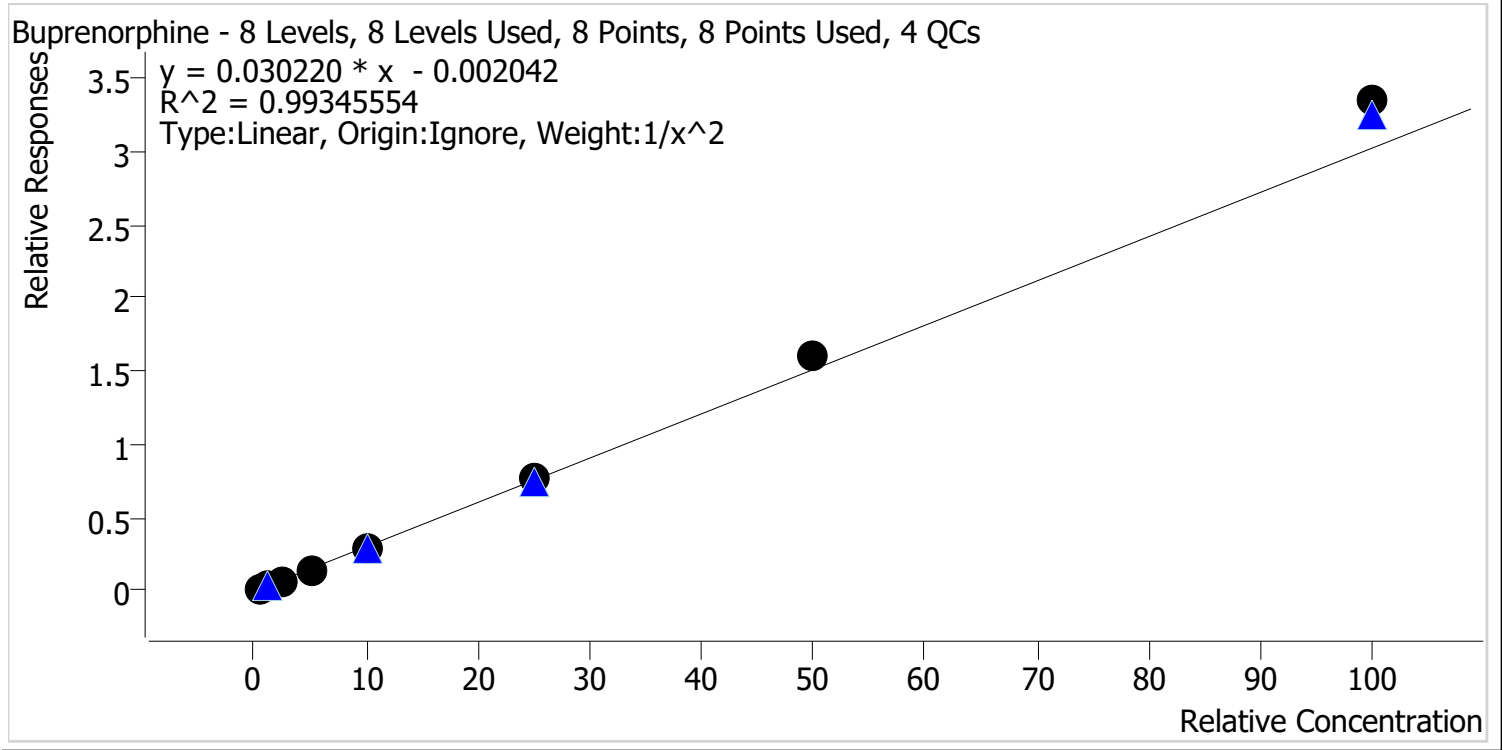


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.4	93.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	93.2	93.2
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	524.0	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1021.0	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

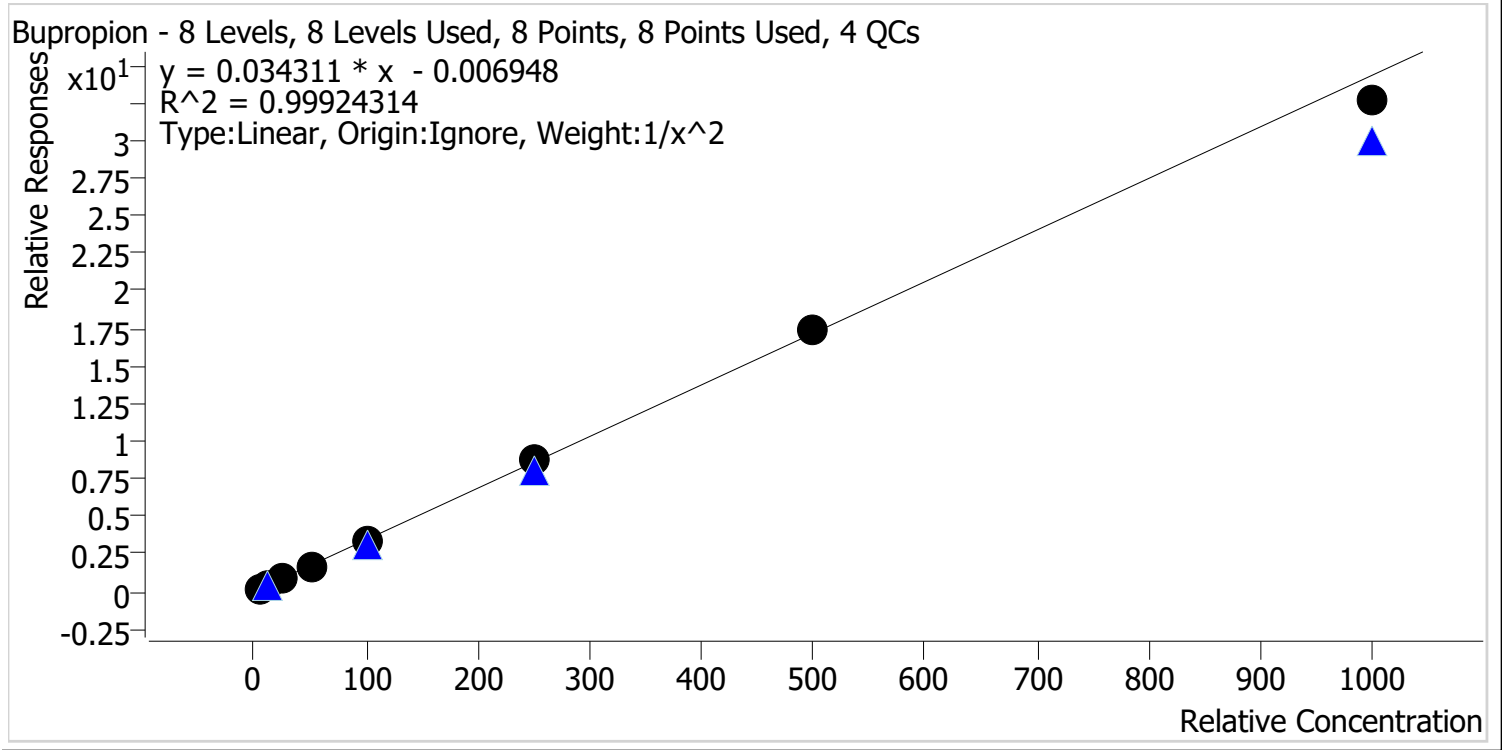


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.6
p1 Cal 2-10ng	2	✓	1.0	1.0	100.3
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.5
p1 Cal 4-50ng	4	✓	5.0	4.7	93.4
p1 Cal 5-100ng	5	✓	10.0	9.4	93.6
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	53.3	106.6
p1 Cal 8-1000ng	8	✓	100.0	110.7	110.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

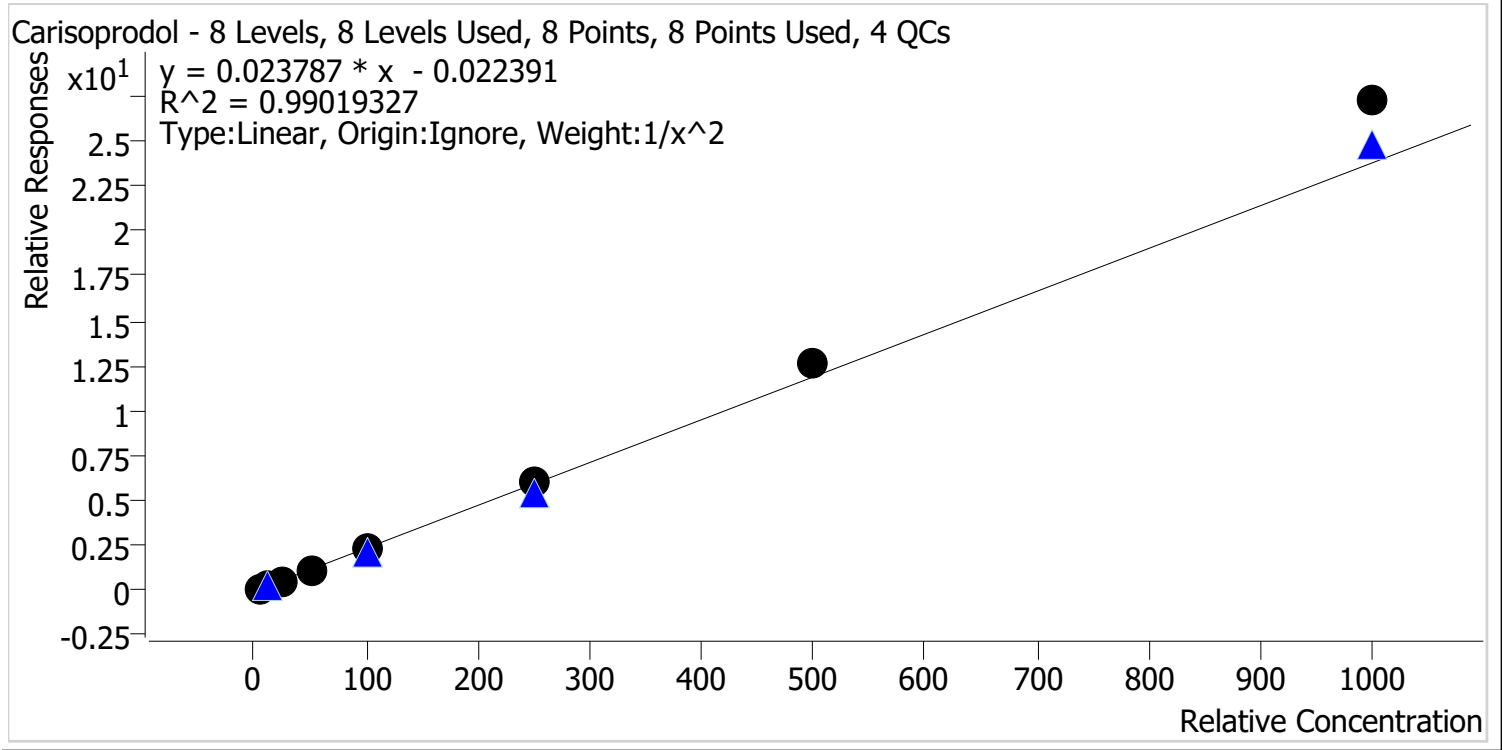


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	503.8	100.8
p1 Cal 8-1000ng	8	✓	1000.0	950.9	95.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



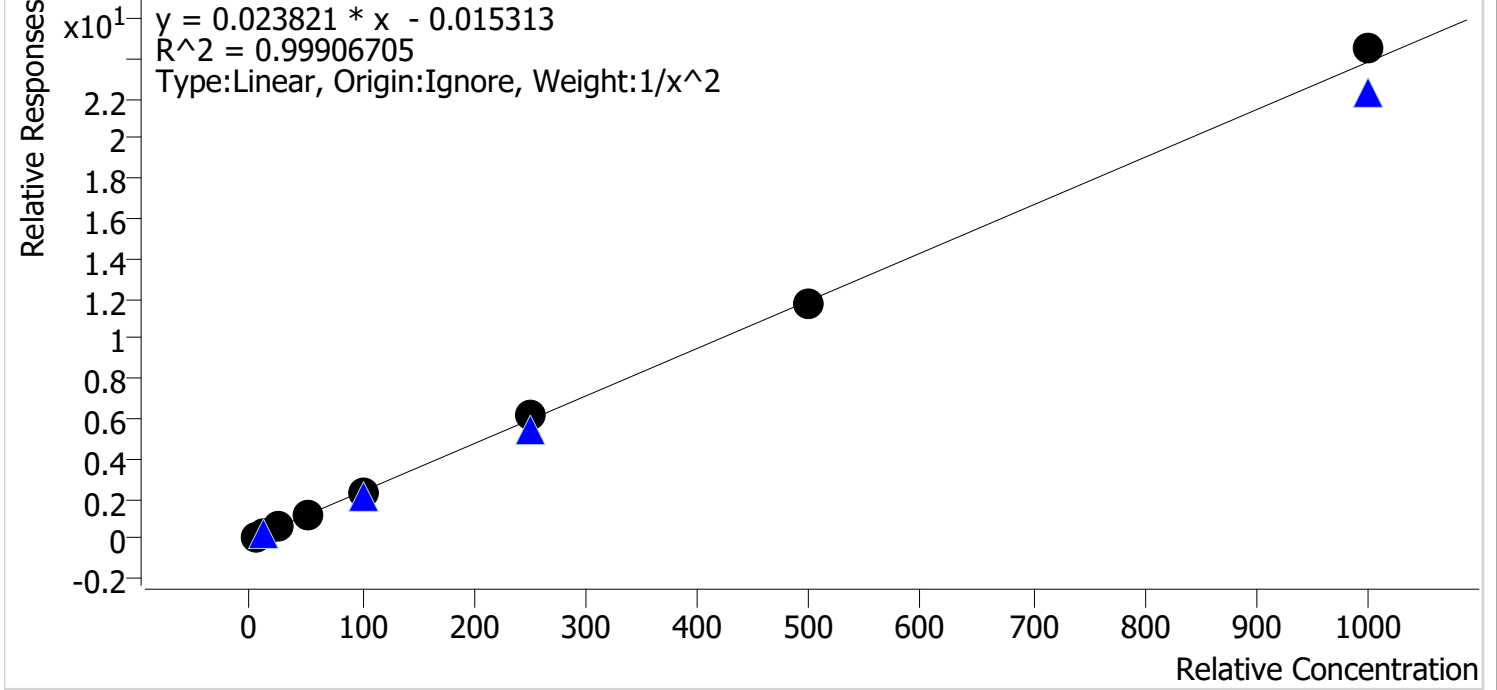
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	43.4	86.8
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	534.8	107.0
p1 Cal 8-1000ng	8	✓	1000.0	1145.5	114.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

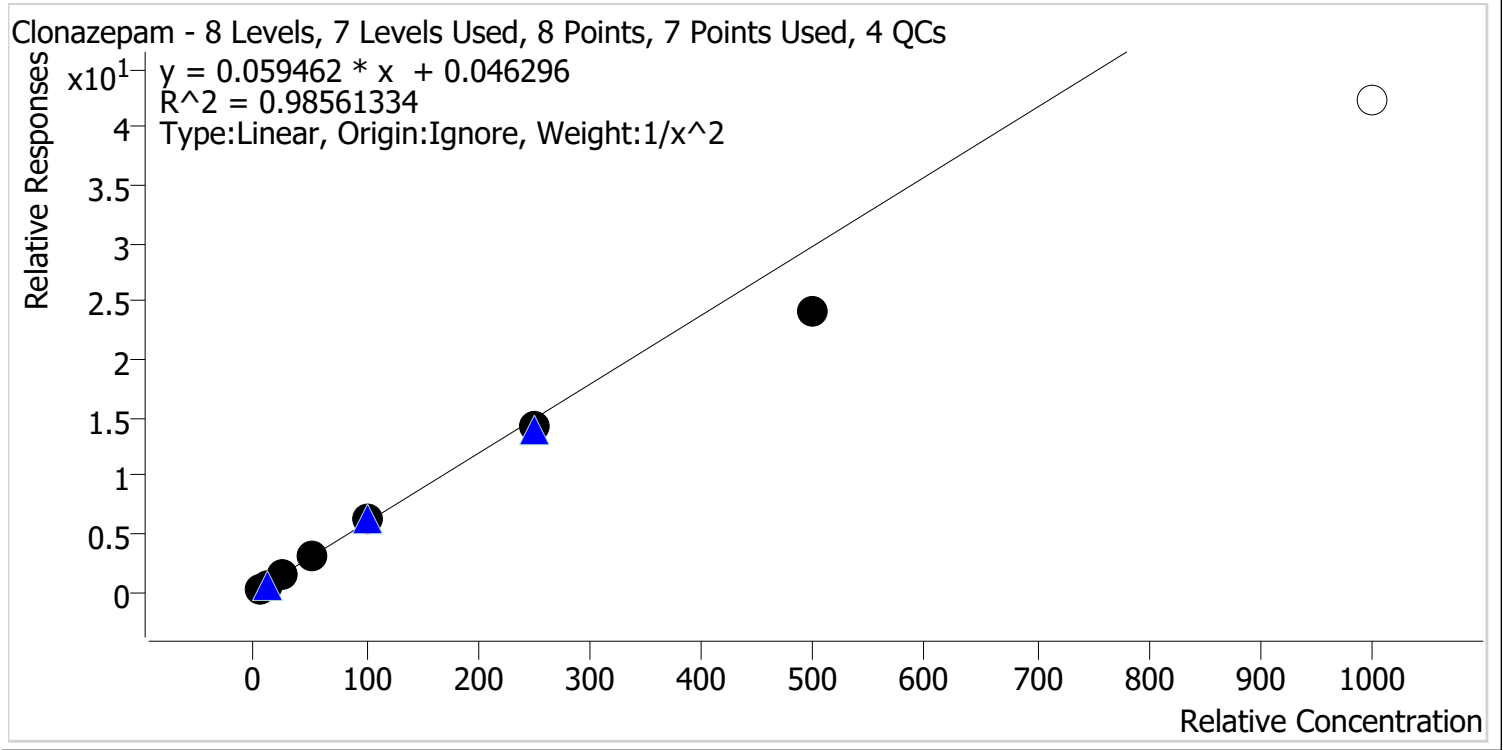


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	260.6	104.2
p1 Cal 7-500ng	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng	8	✓	1000.0	1028.1	102.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

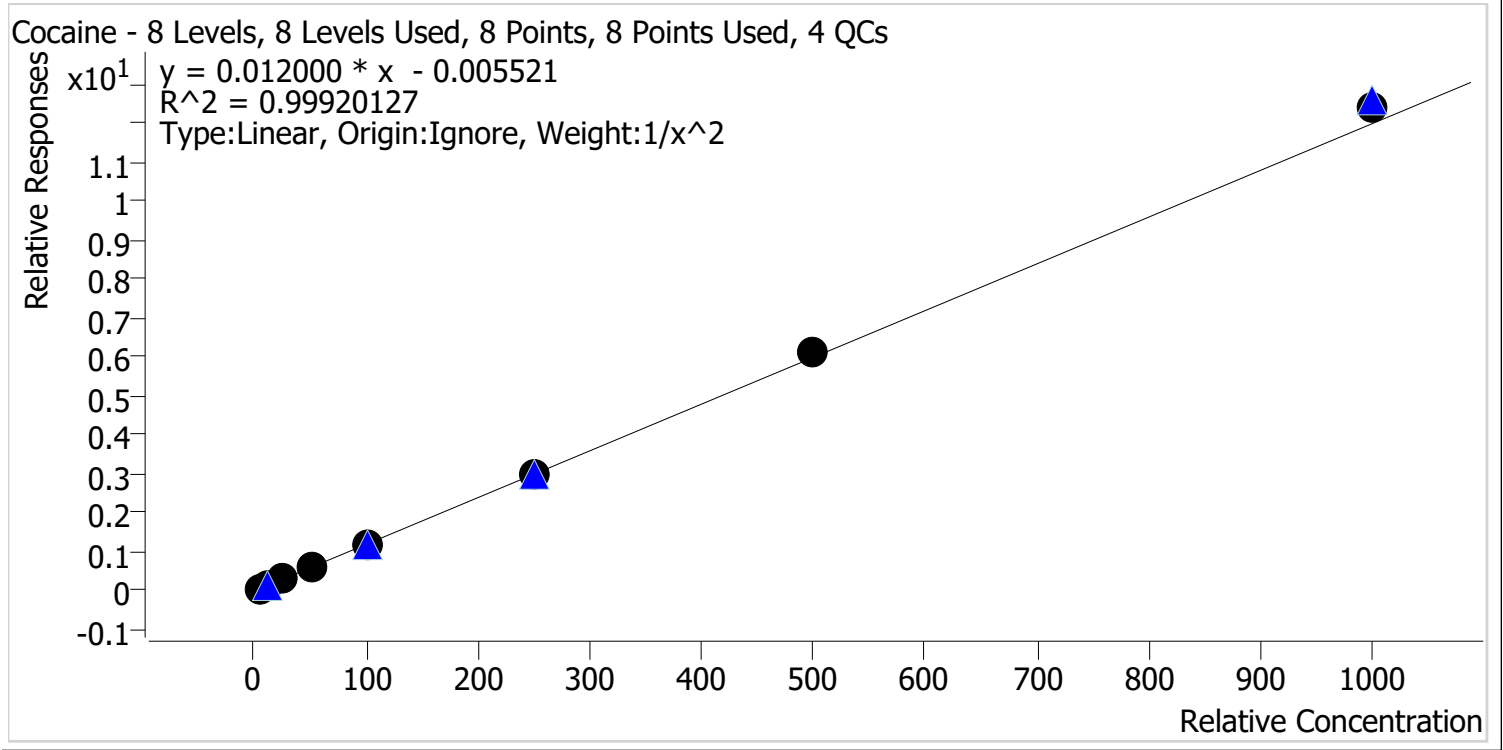


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.8	107.6
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	240.9	96.4
p1 Cal 7-500ng	7	✓	500.0	406.6	81.3
p1 Cal 8-1000ng	8	✗	1000.0	710.1	71.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

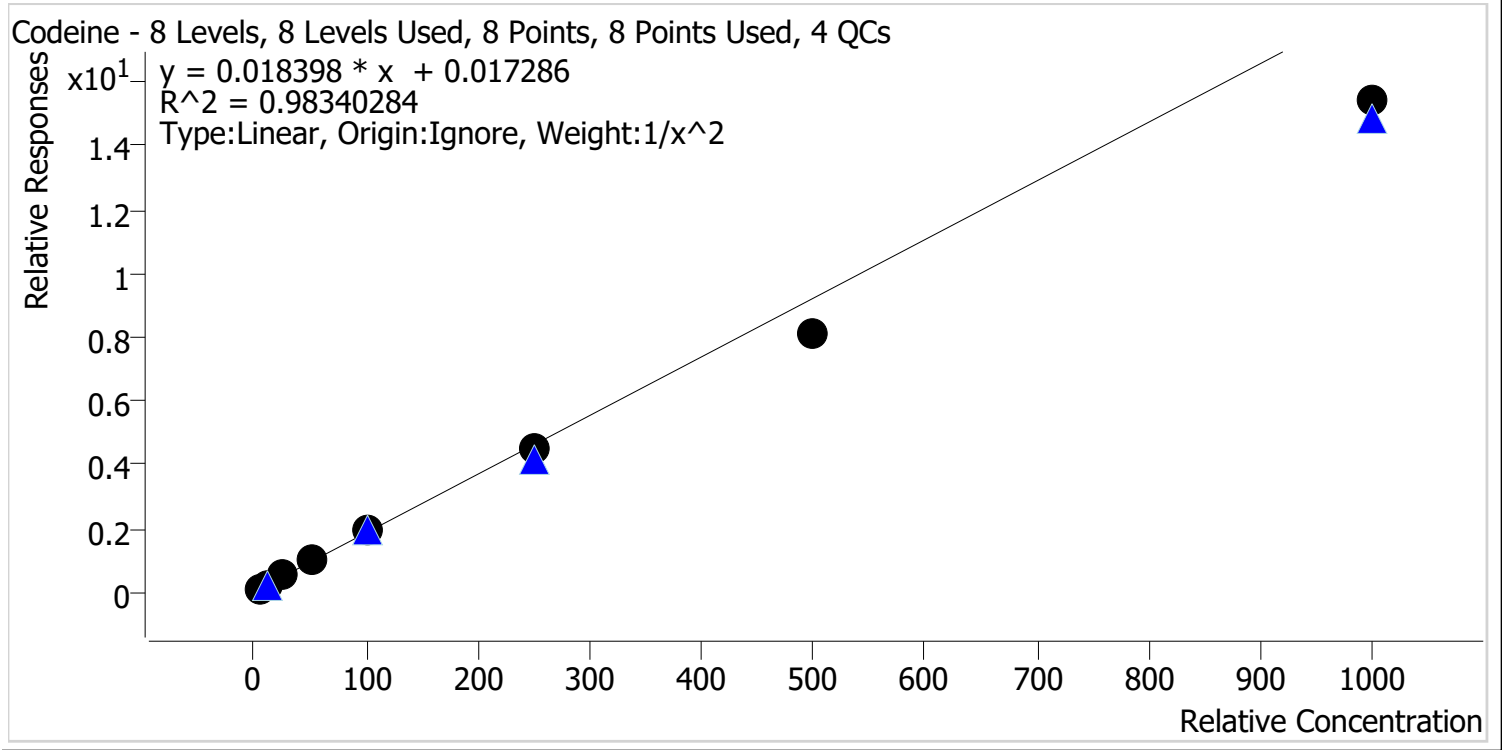


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1033.1	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

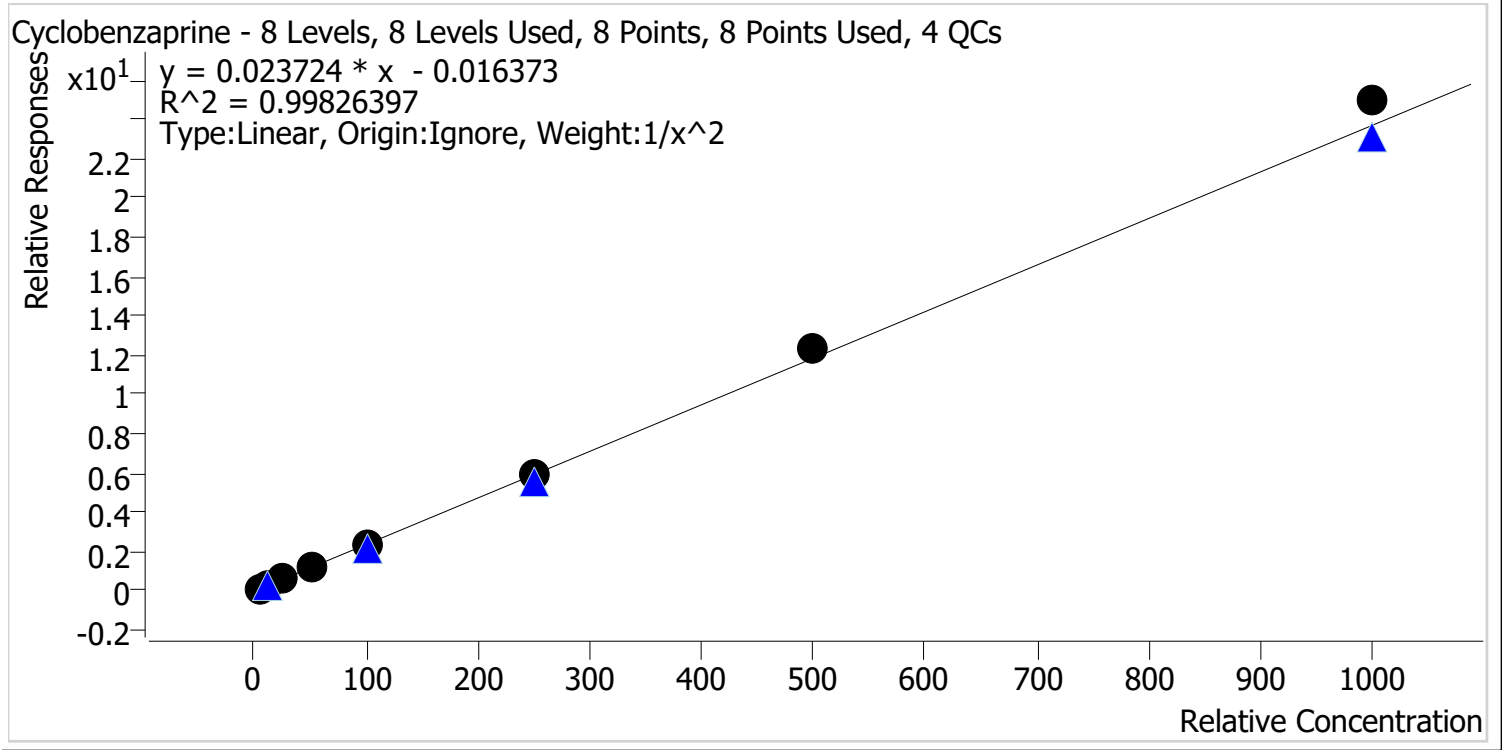


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.2
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	28.9	115.6
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	440.2	88.0
p1 Cal 8-1000ng	8	✓	1000.0	836.9	83.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



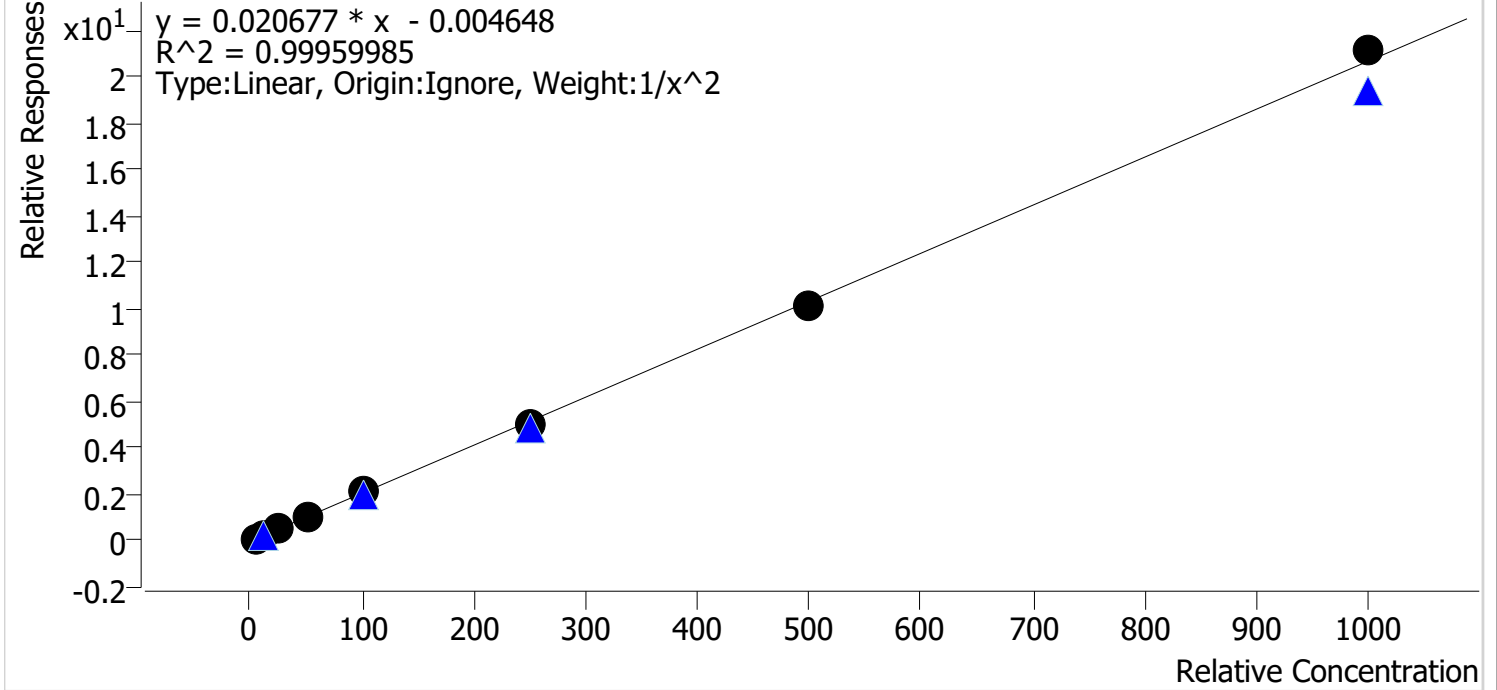
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	518.9	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1053.2	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

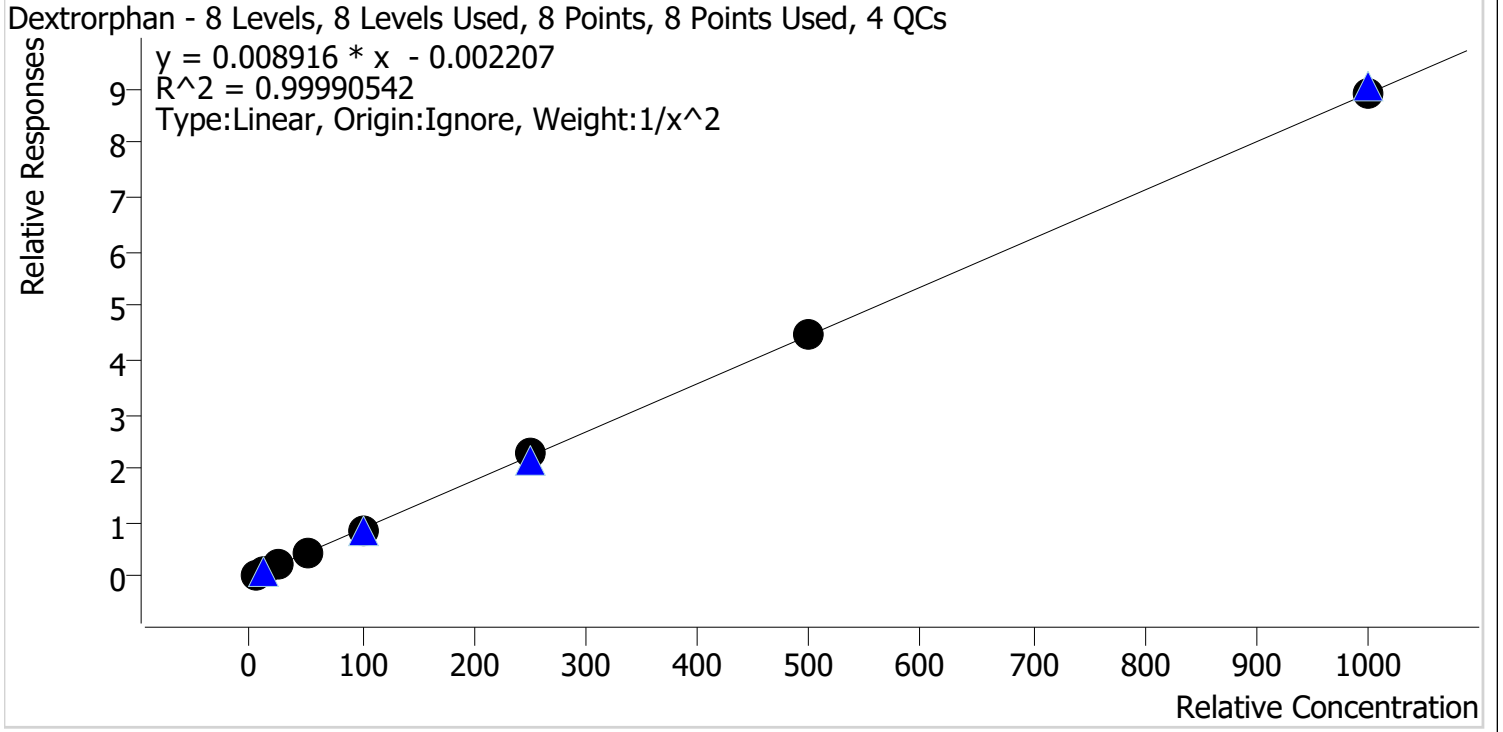


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1022.1	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



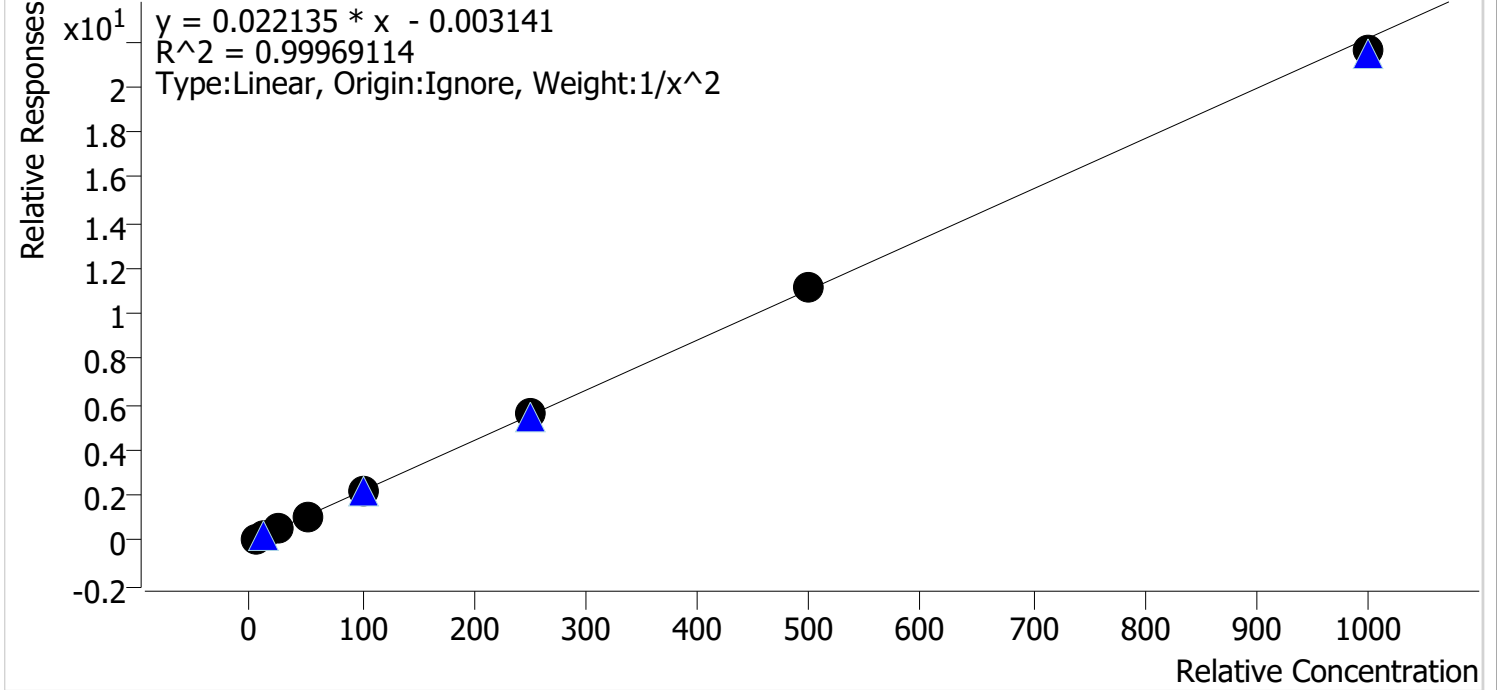
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	999.5	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

Diazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

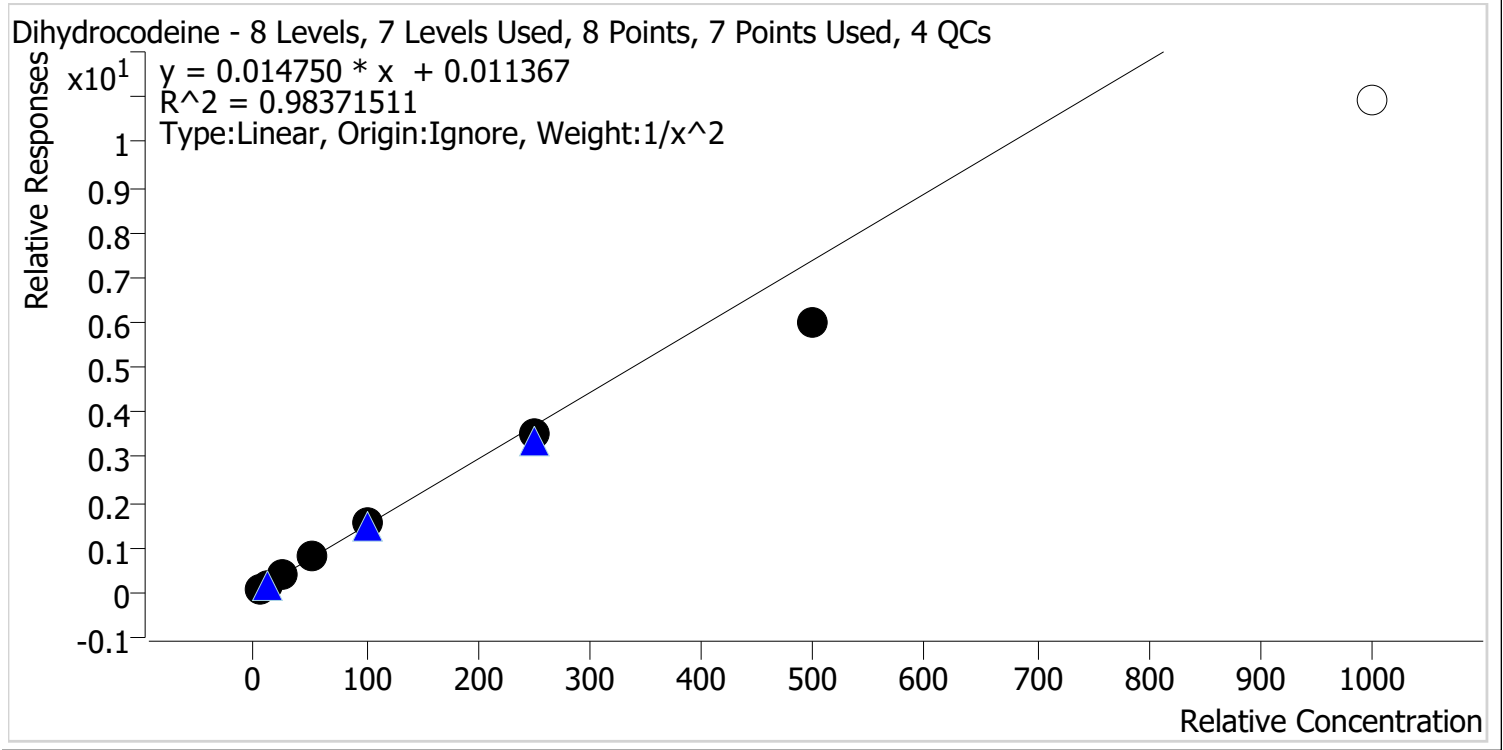


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	975.3	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

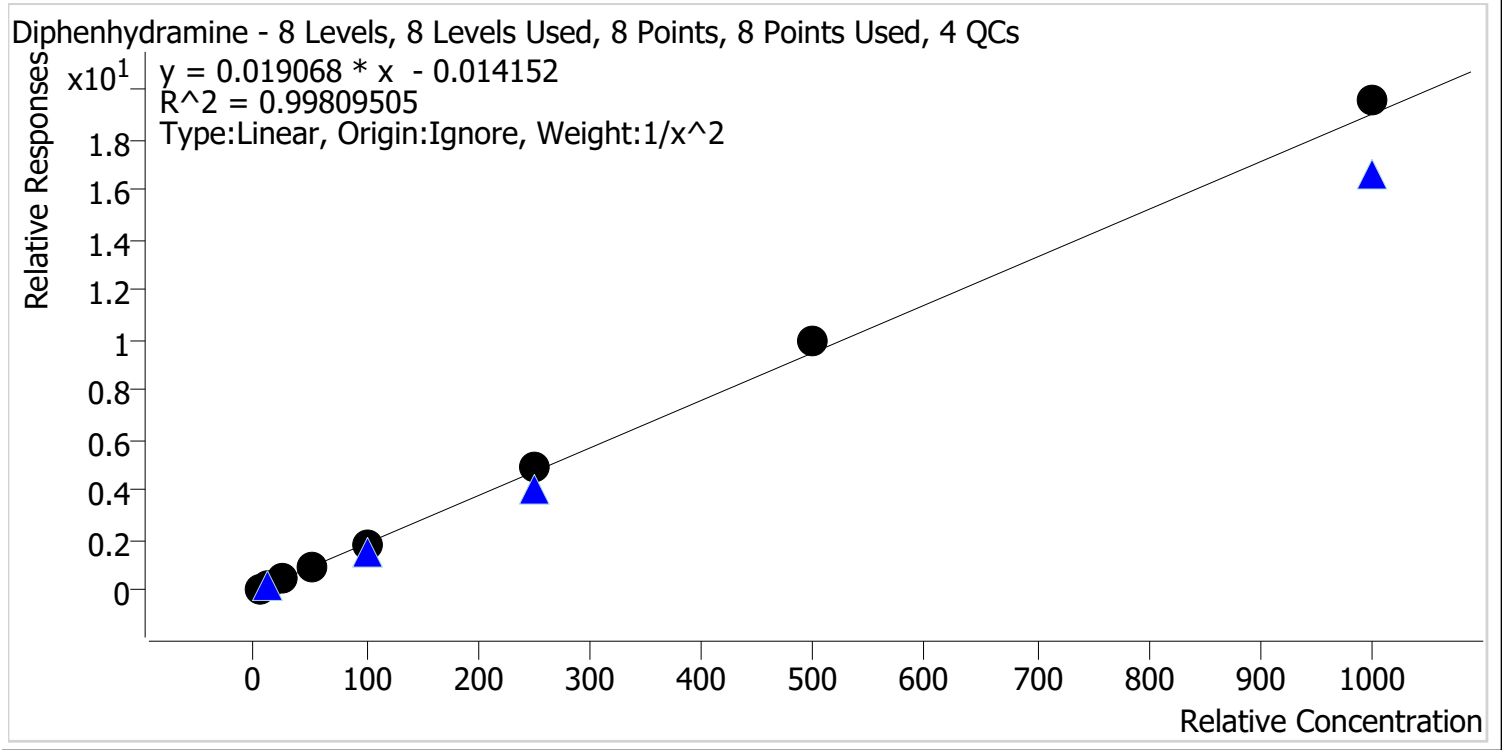


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	28.0	111.9
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	236.6	94.6
p1 Cal 7-500ng	7	✓	500.0	404.3	80.9
p1 Cal 8-1000ng	8	✗	1000.0	740.0	74.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

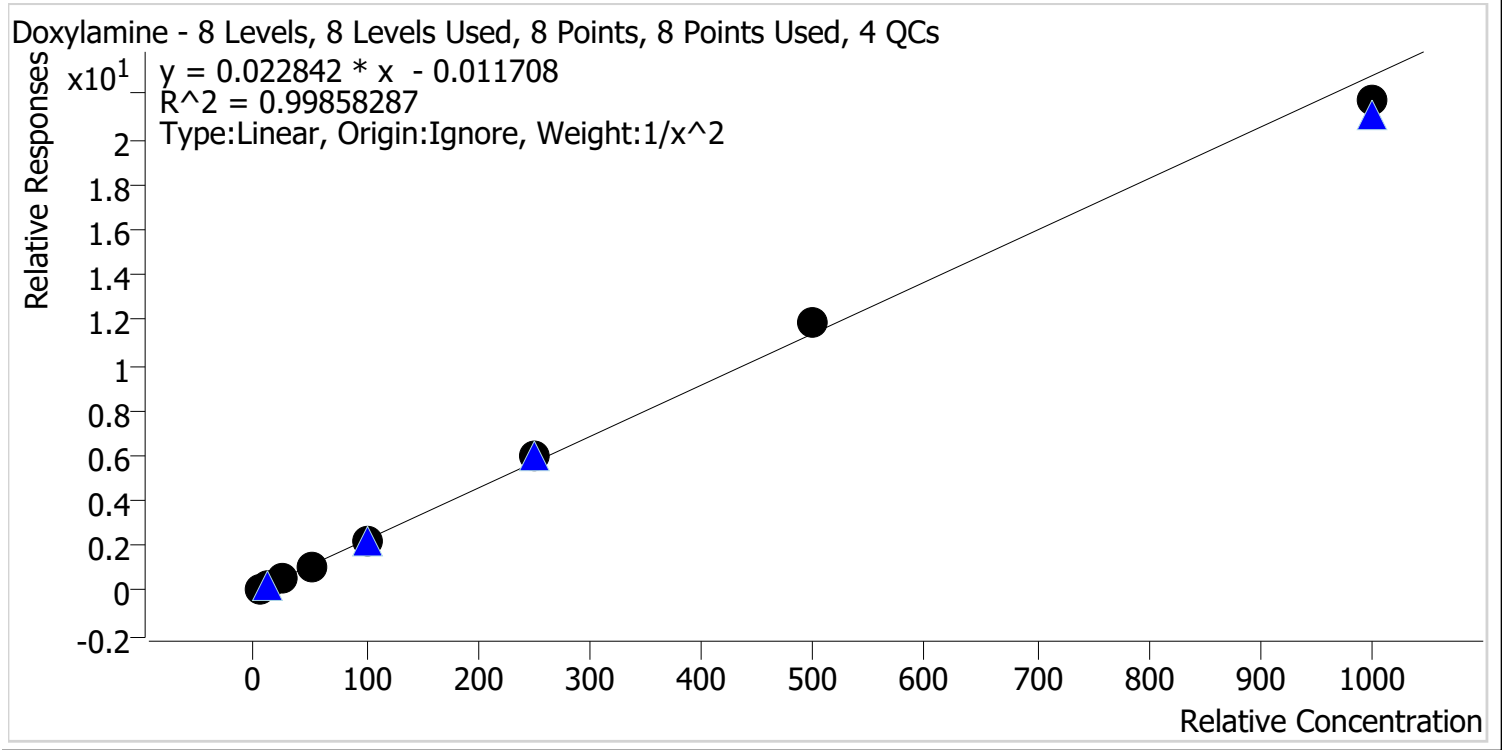


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	525.8	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1028.2	102.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

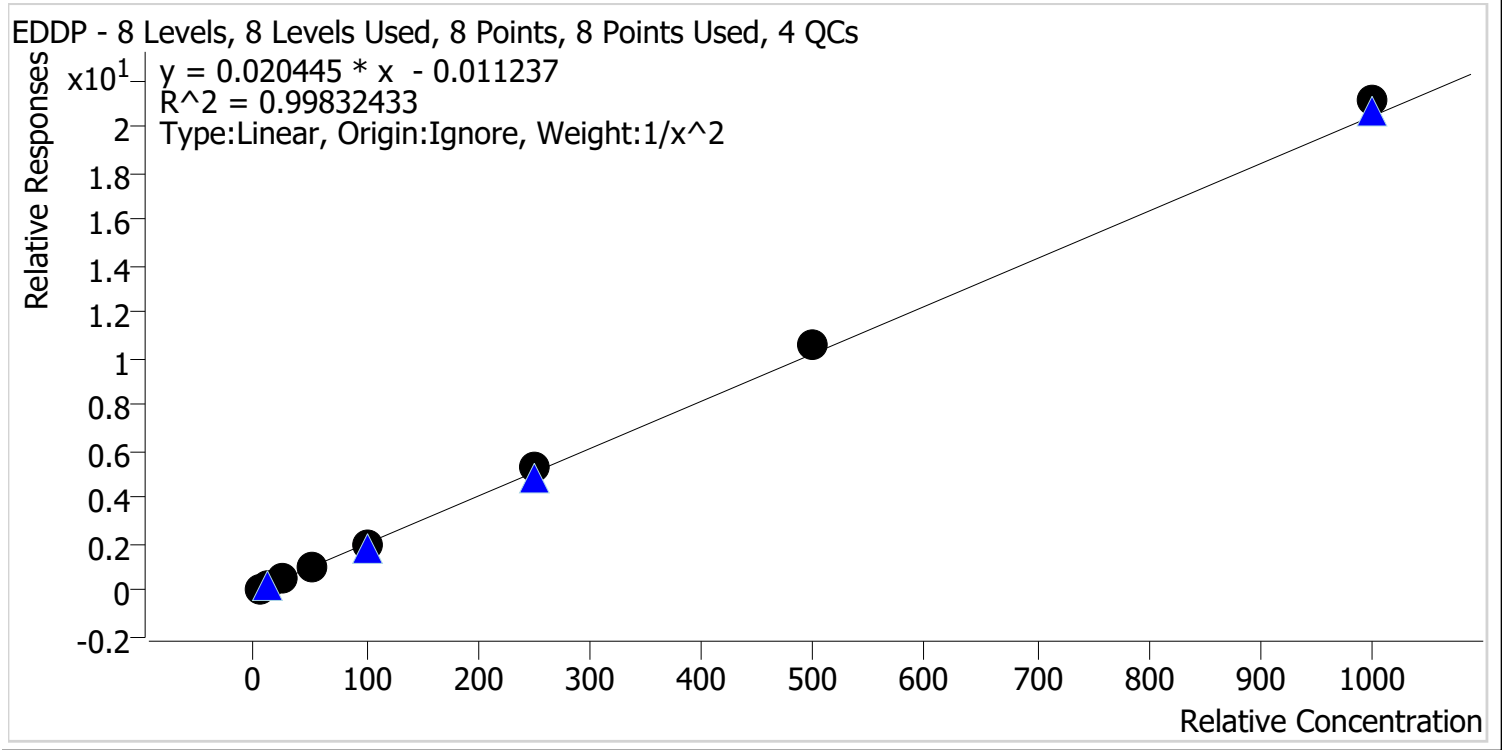


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	260.9	104.4
p1 Cal 7-500ng	7	✓	500.0	522.9	104.6
p1 Cal 8-1000ng	8	✓	1000.0	951.6	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

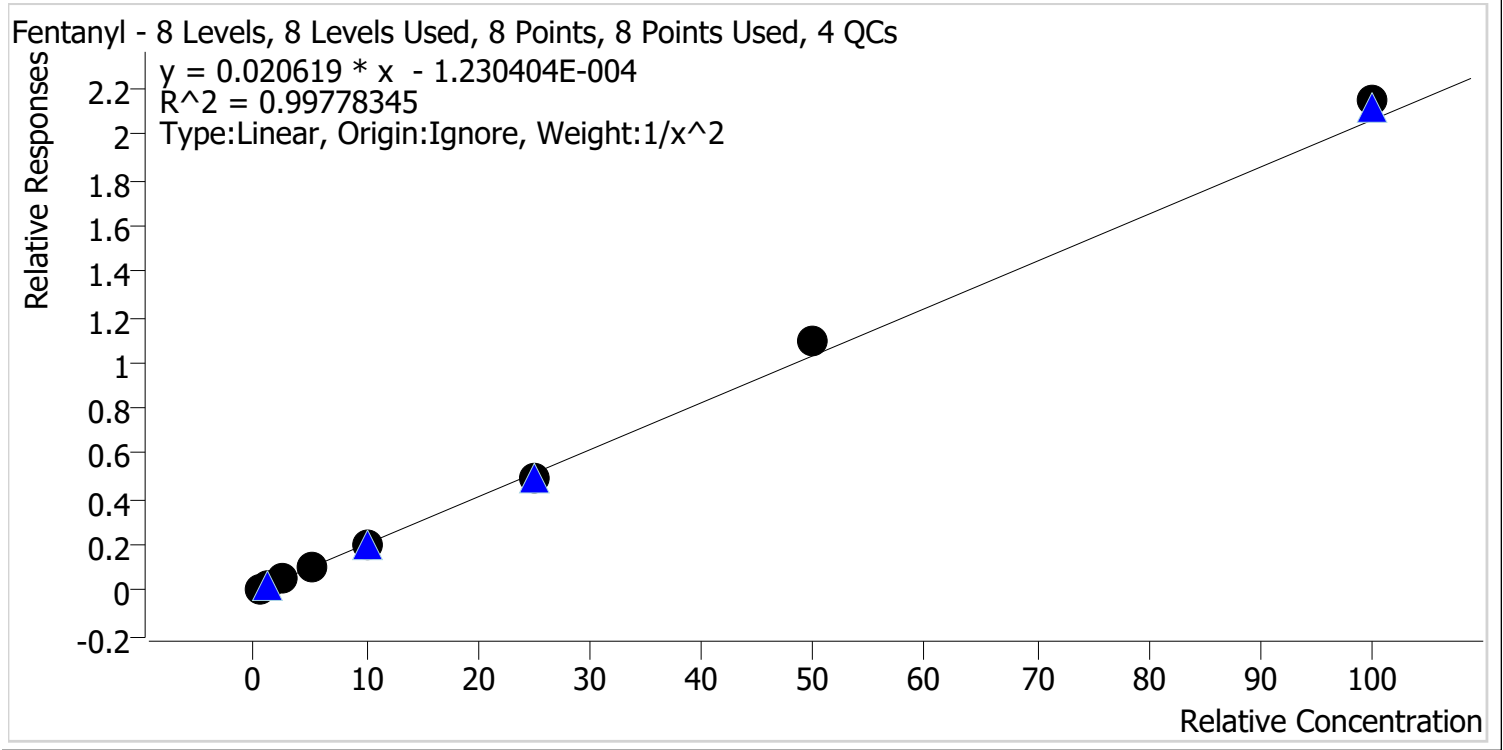


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	516.3	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1032.9	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

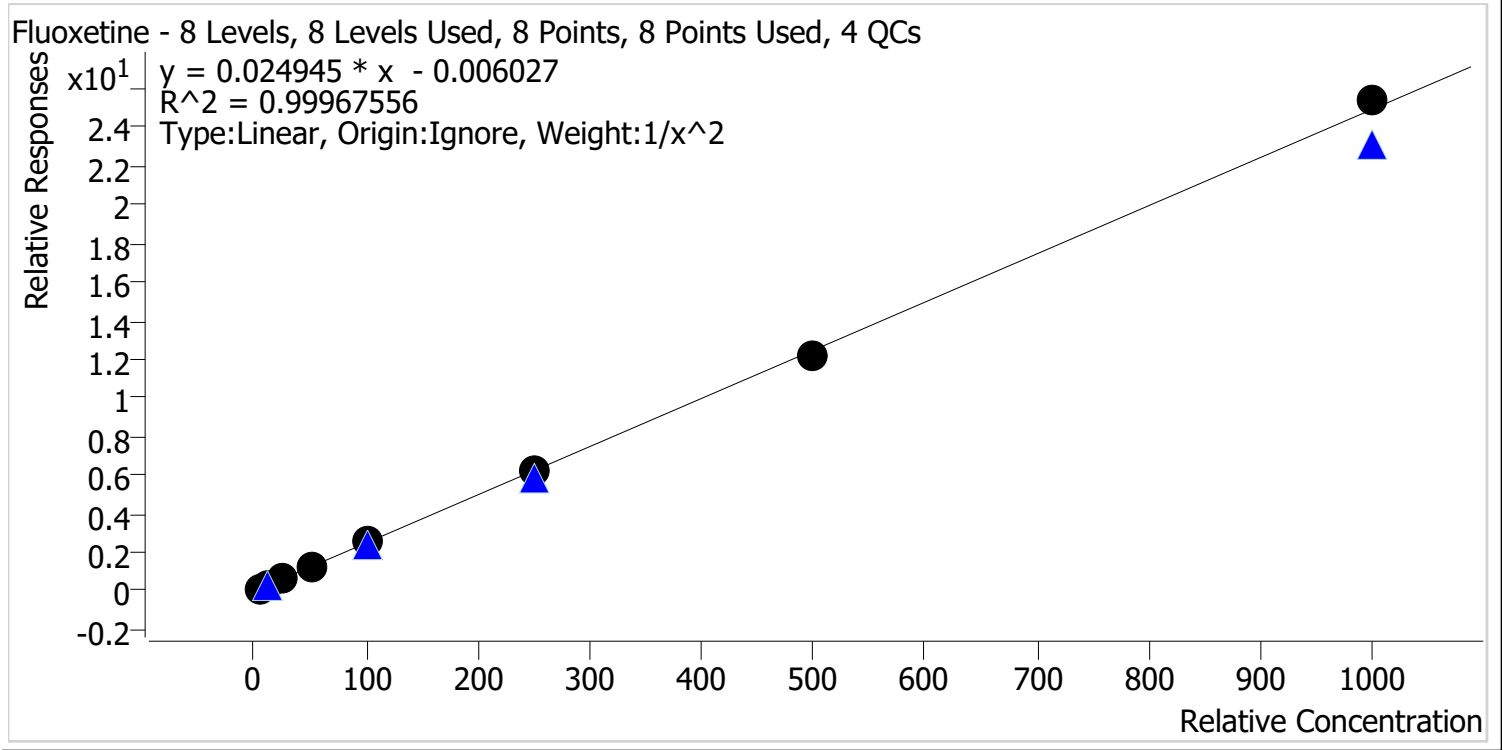


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng	2	✓	1.0	1.0	96.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.6
p1 Cal 4-50ng	4	✓	5.0	4.8	96.6
p1 Cal 5-100ng	5	✓	10.0	9.9	99.4
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	53.5	106.9
p1 Cal 8-1000ng	8	✓	100.0	104.1	104.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

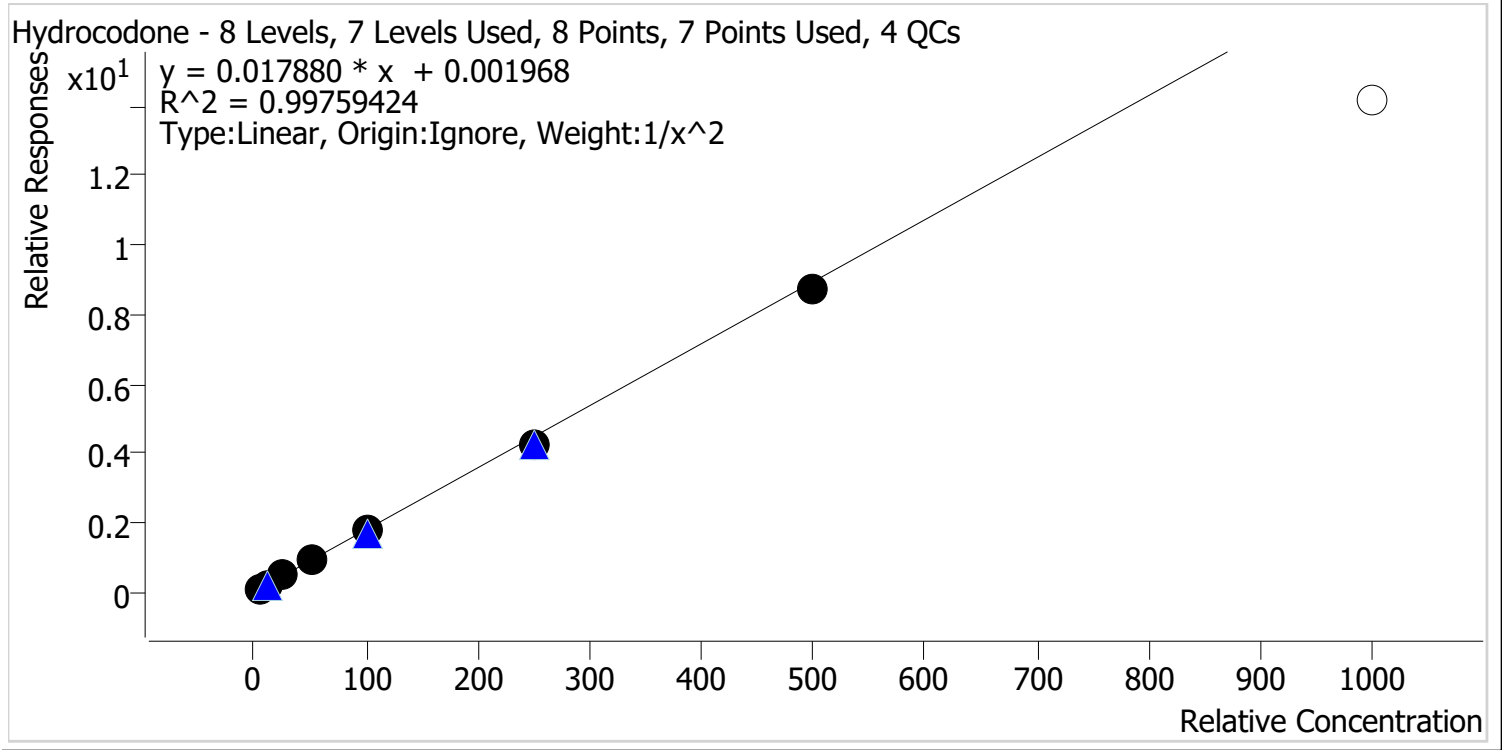


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	487.2	97.4
p1 Cal 8-1000ng	8	✓	1000.0	1018.2	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

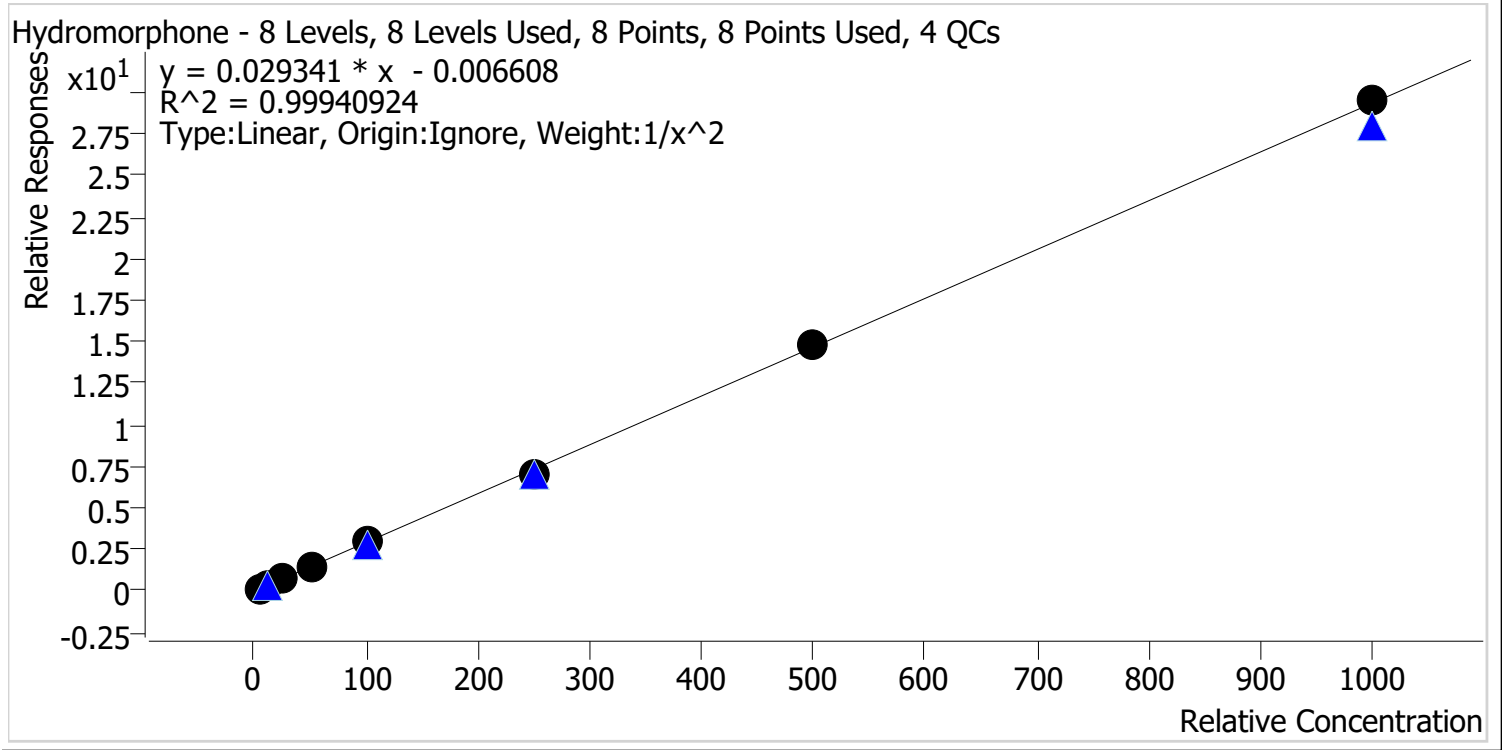


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.6	106.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	235.8	94.3
p1 Cal 7-500ng	7	✓	500.0	488.1	97.6
p1 Cal 8-1000ng	8	✗	1000.0	791.9	79.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

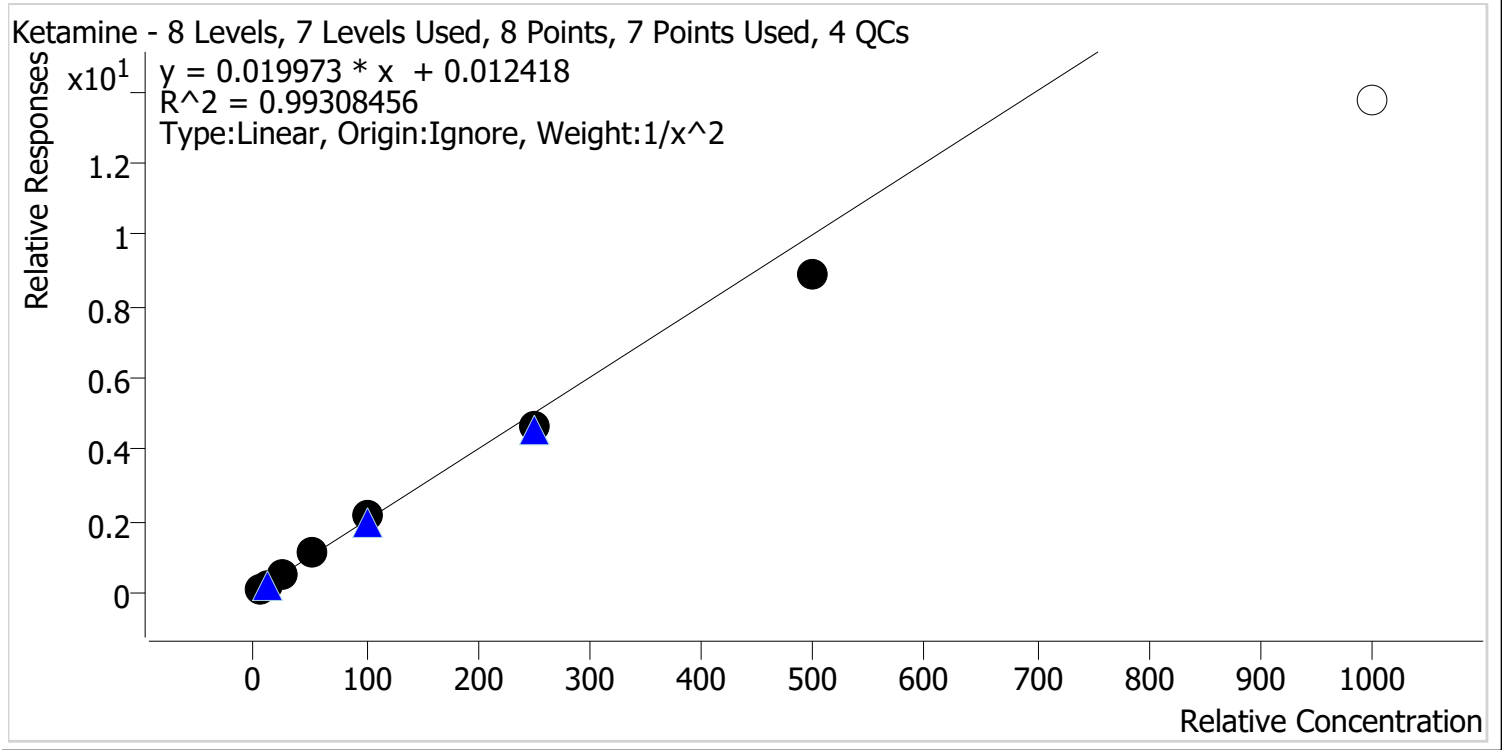


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	239.5	95.8
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1005.3	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

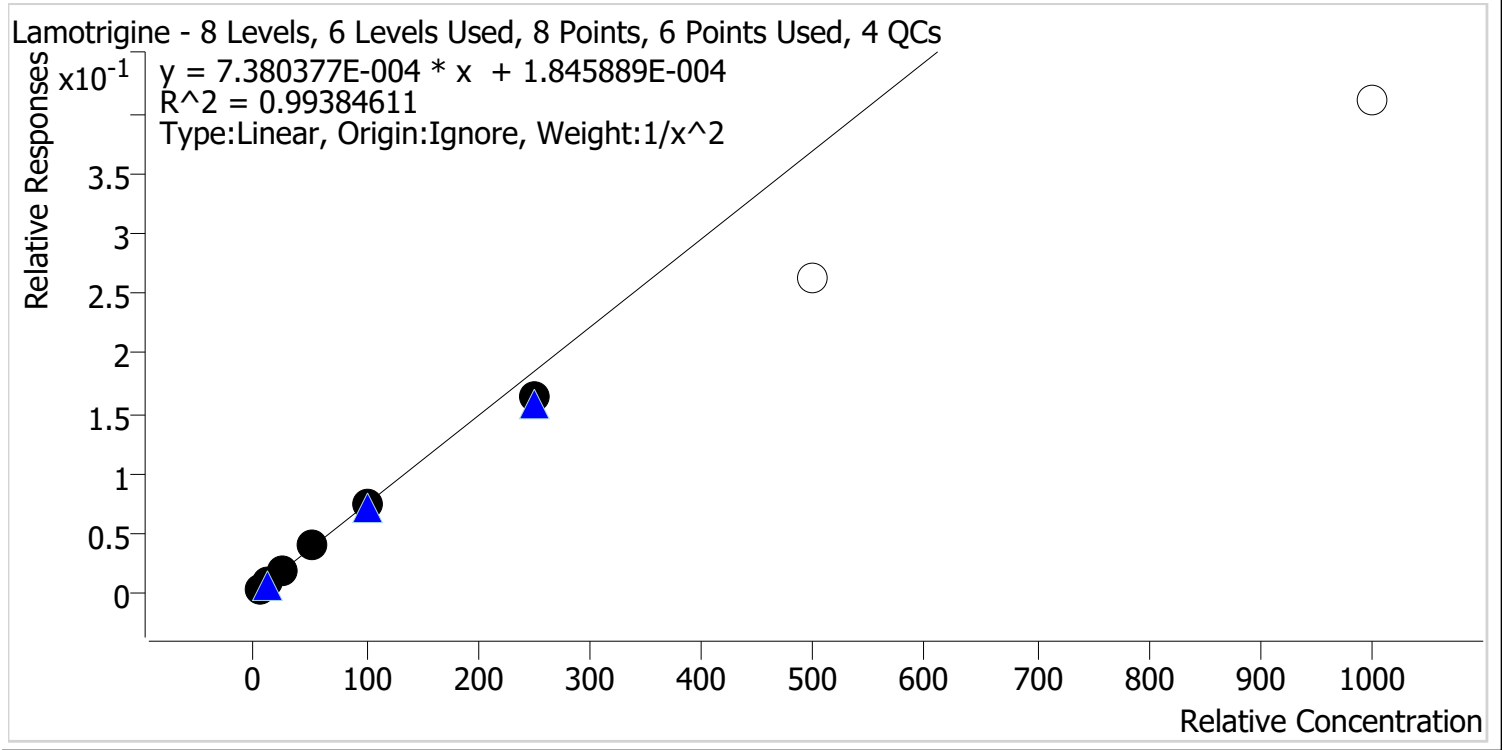


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	234.2	93.7
p1 Cal 7-500ng	7	✓	500.0	443.2	88.6
p1 Cal 8-1000ng	8	x	1000.0	686.7	68.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

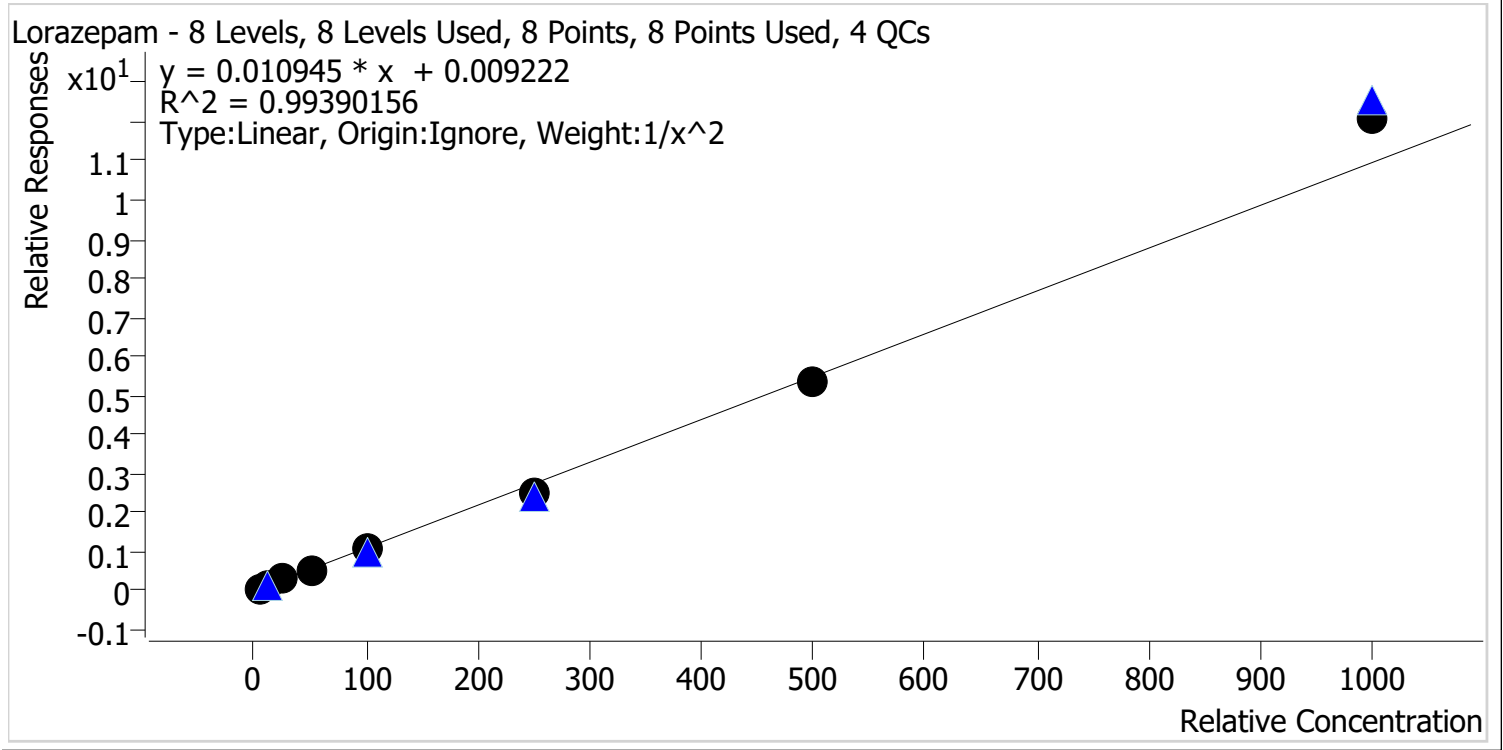


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	222.0	88.8
p1 Cal 7-500ng	7	x	500.0	355.0	71.0
p1 Cal 8-1000ng	8	x	1000.0	556.2	55.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

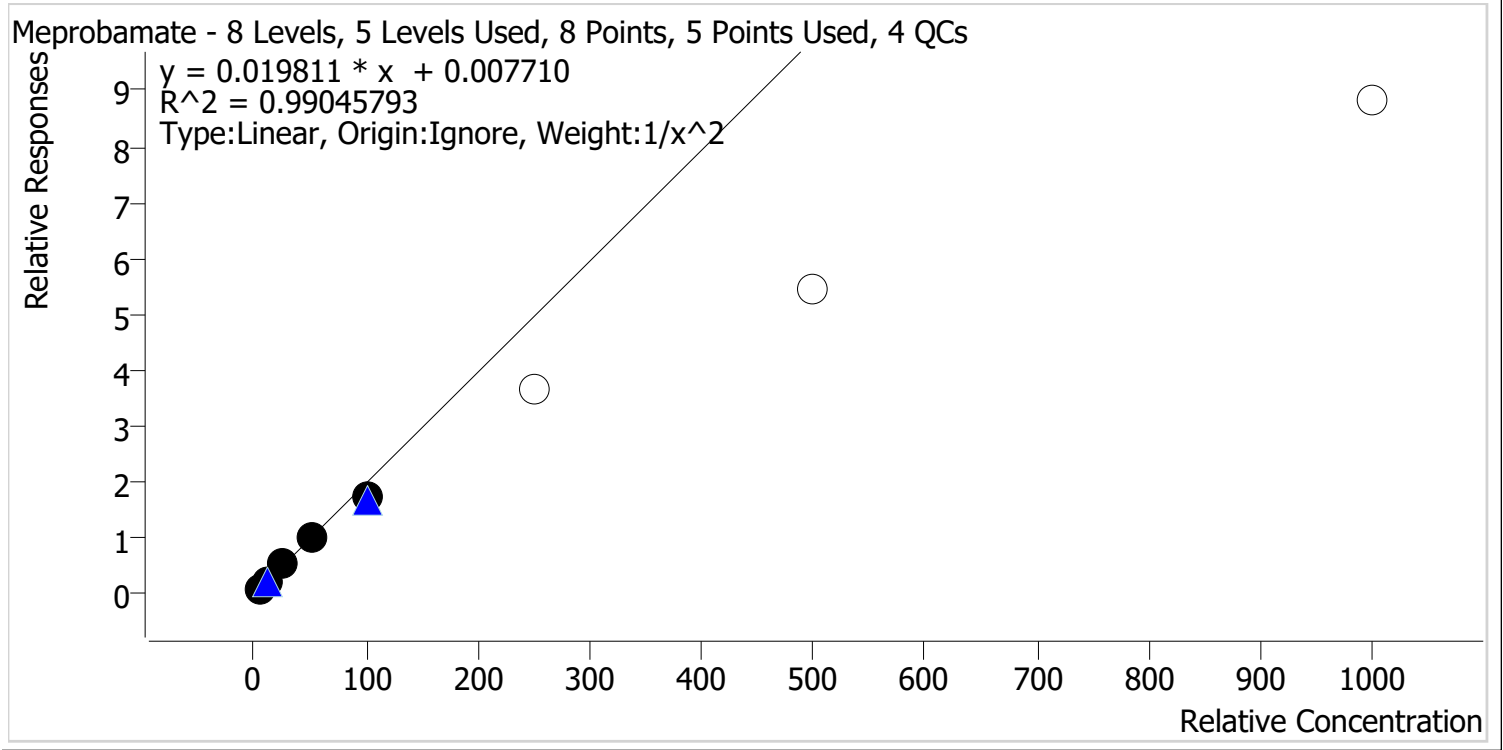


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	224.5	89.8
p1 Cal 7-500ng	7	✓	500.0	484.6	96.9
p1 Cal 8-1000ng	8	✓	1000.0	1106.6	110.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

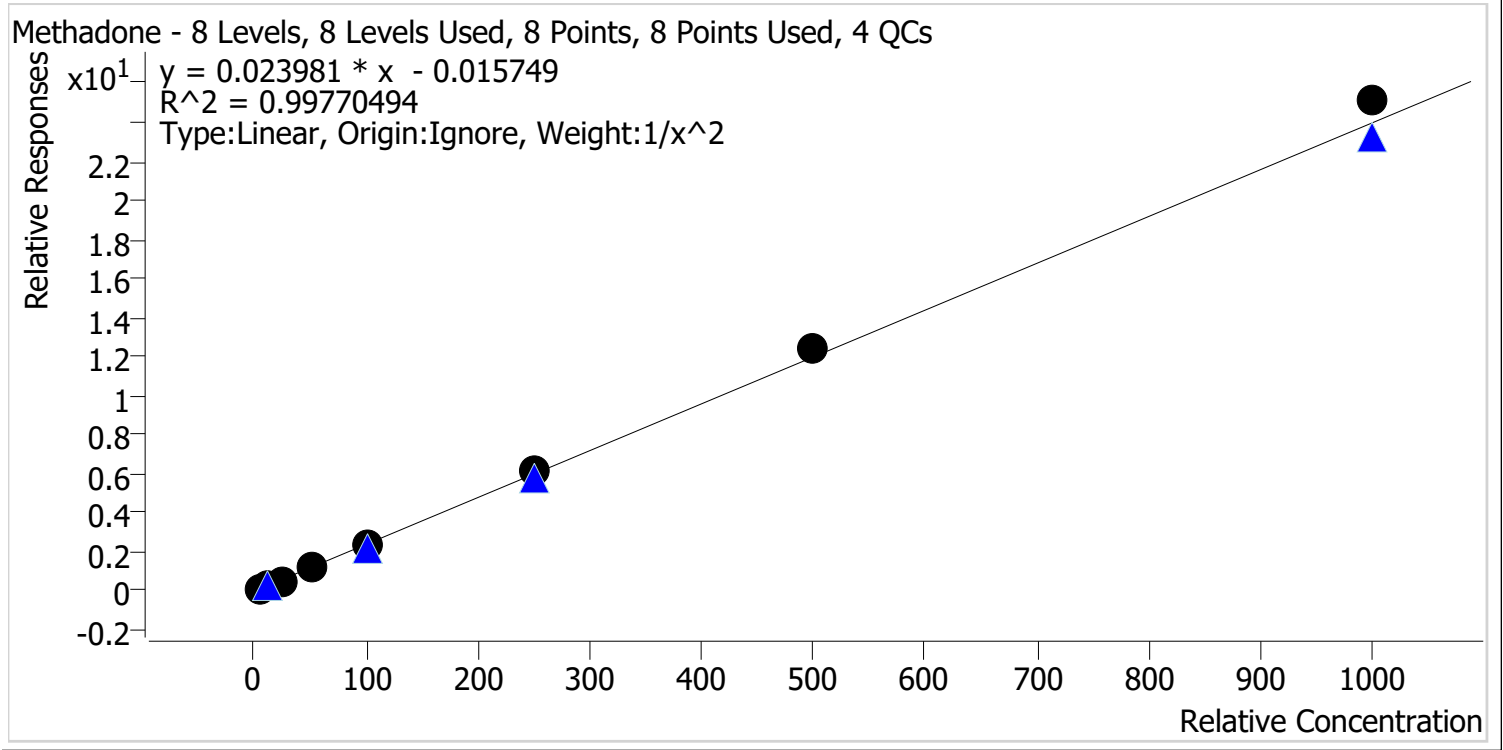


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	89.3	89.3
p1 Cal 6-250ng	6	✗	250.0	185.1	74.0
p1 Cal 7-500ng	7	✗	500.0	273.9	54.8
p1 Cal 8-1000ng	8	✗	1000.0	444.8	44.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

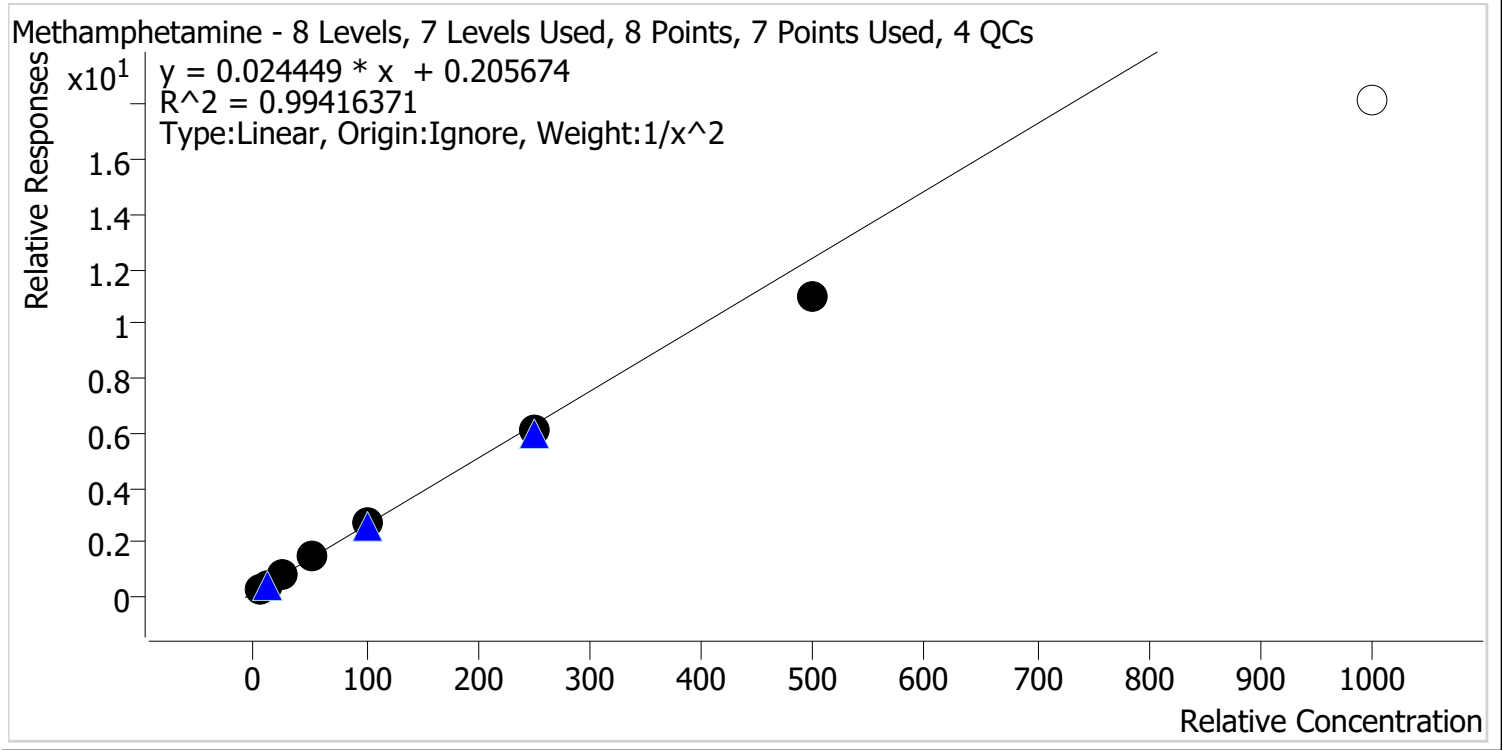


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	519.0	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1047.6	104.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

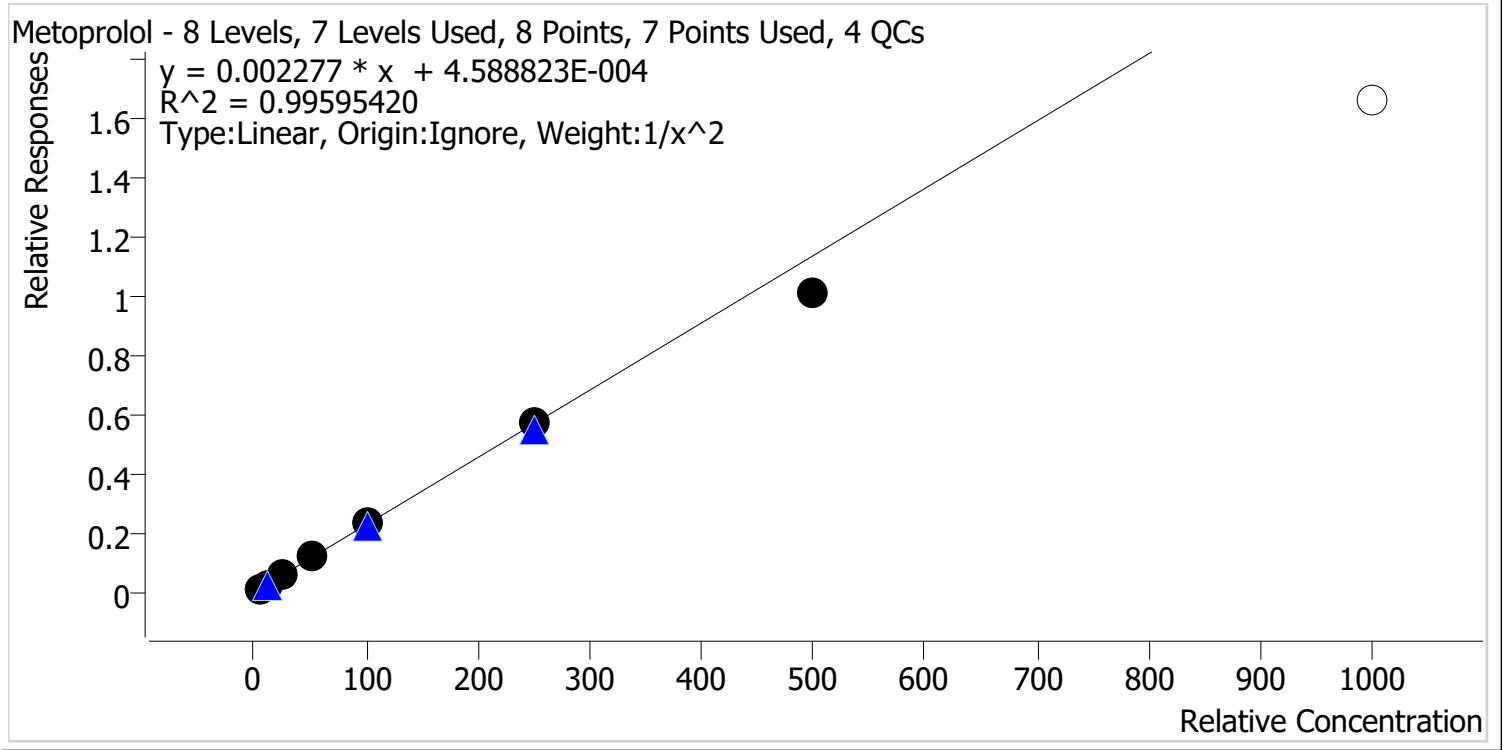


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	440.1	88.0
p1 Cal 8-1000ng	8	✗	1000.0	735.0	73.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



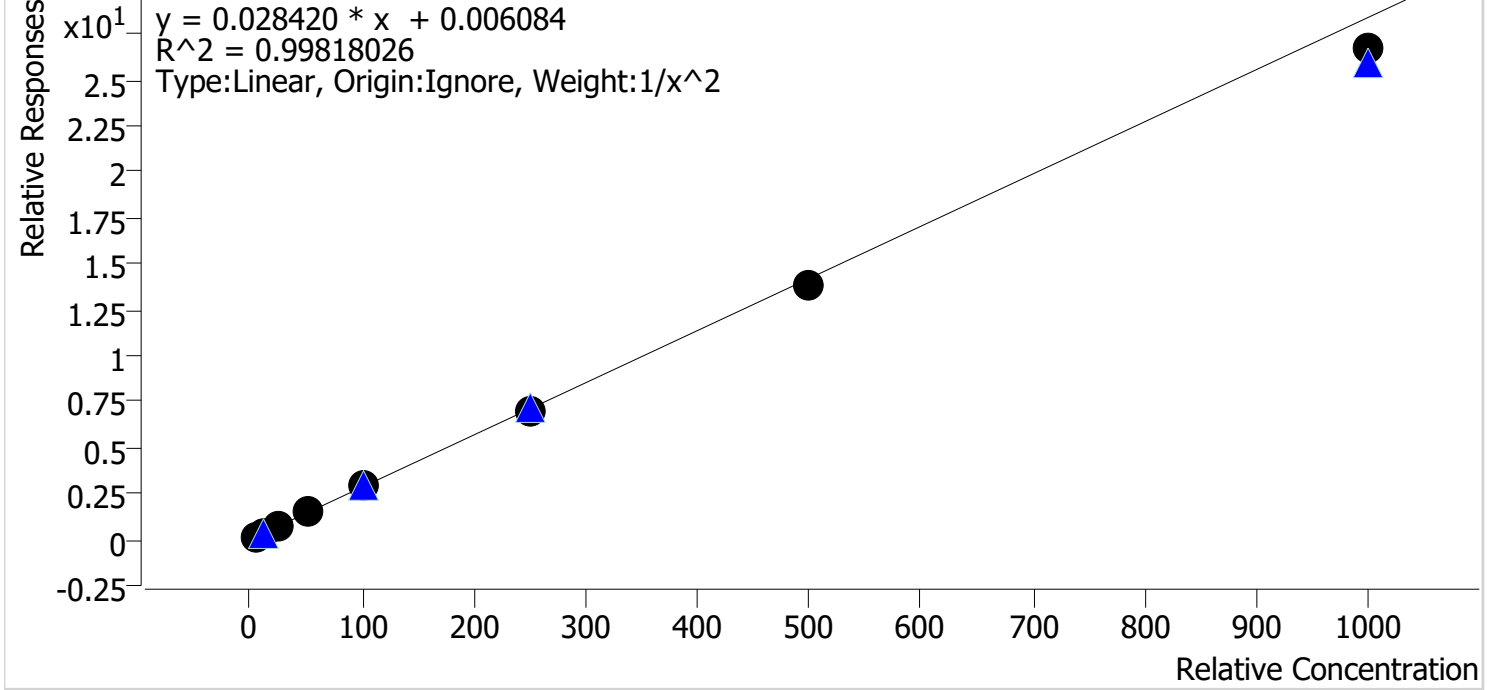
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	445.4	89.1
p1 Cal 8-1000ng	8	✗	1000.0	730.4	73.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



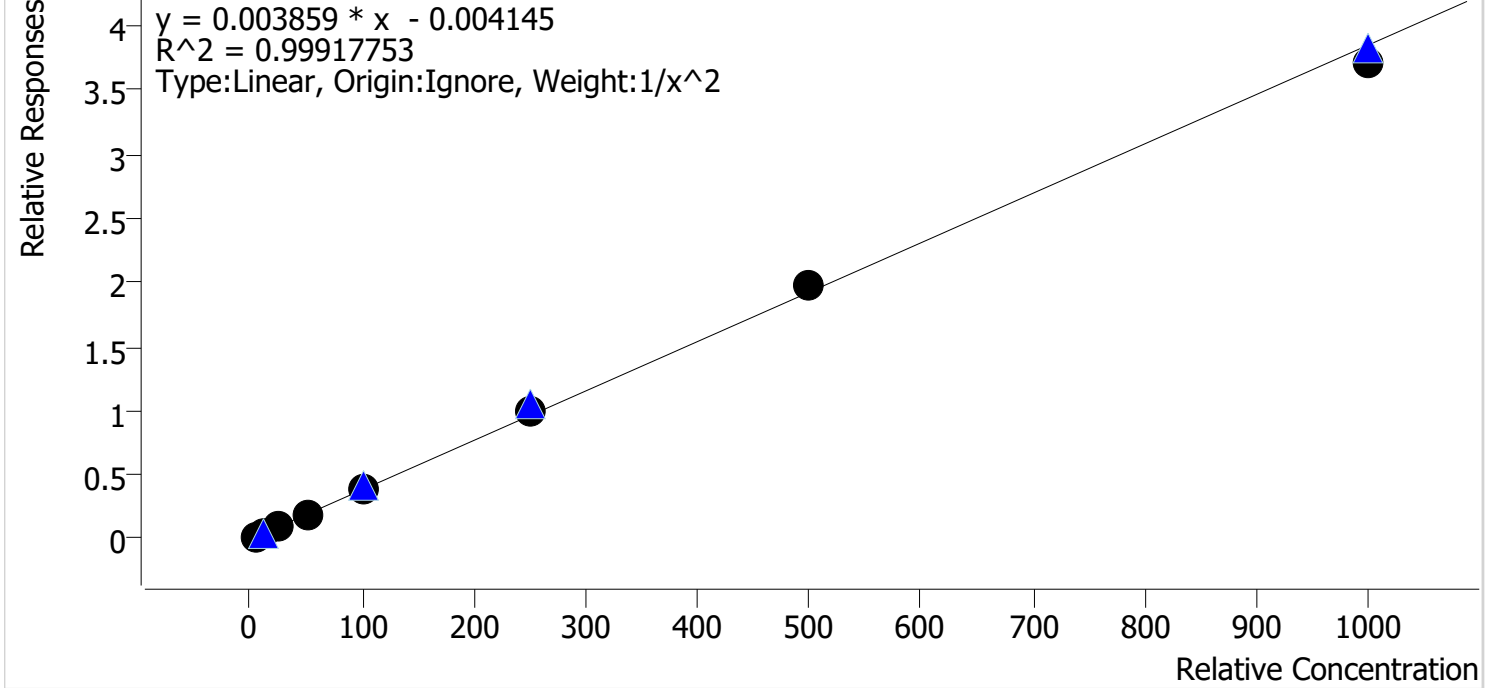
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	485.2	97.0
p1 Cal 8-1000ng	8	✓	1000.0	940.3	94.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

Mitragynine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

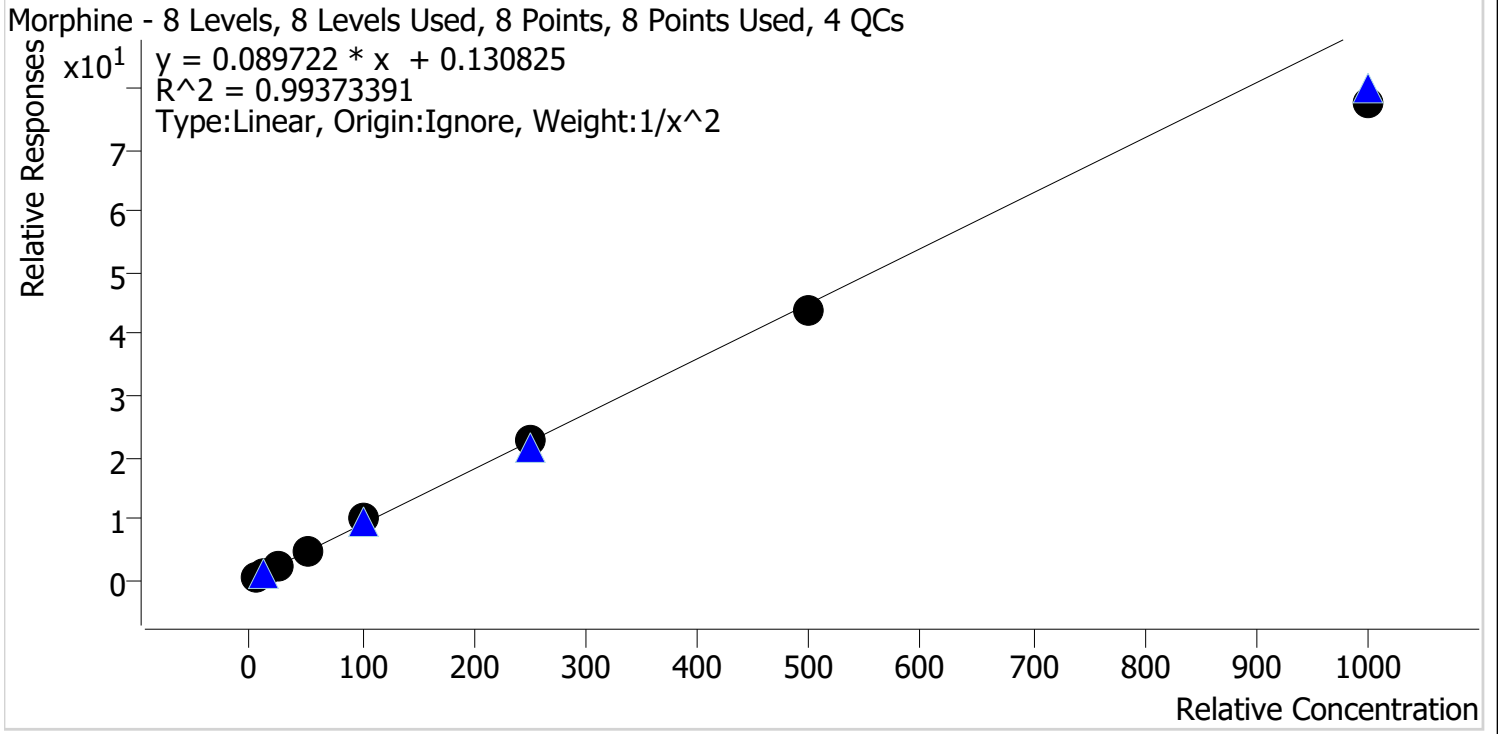


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	961.0	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6

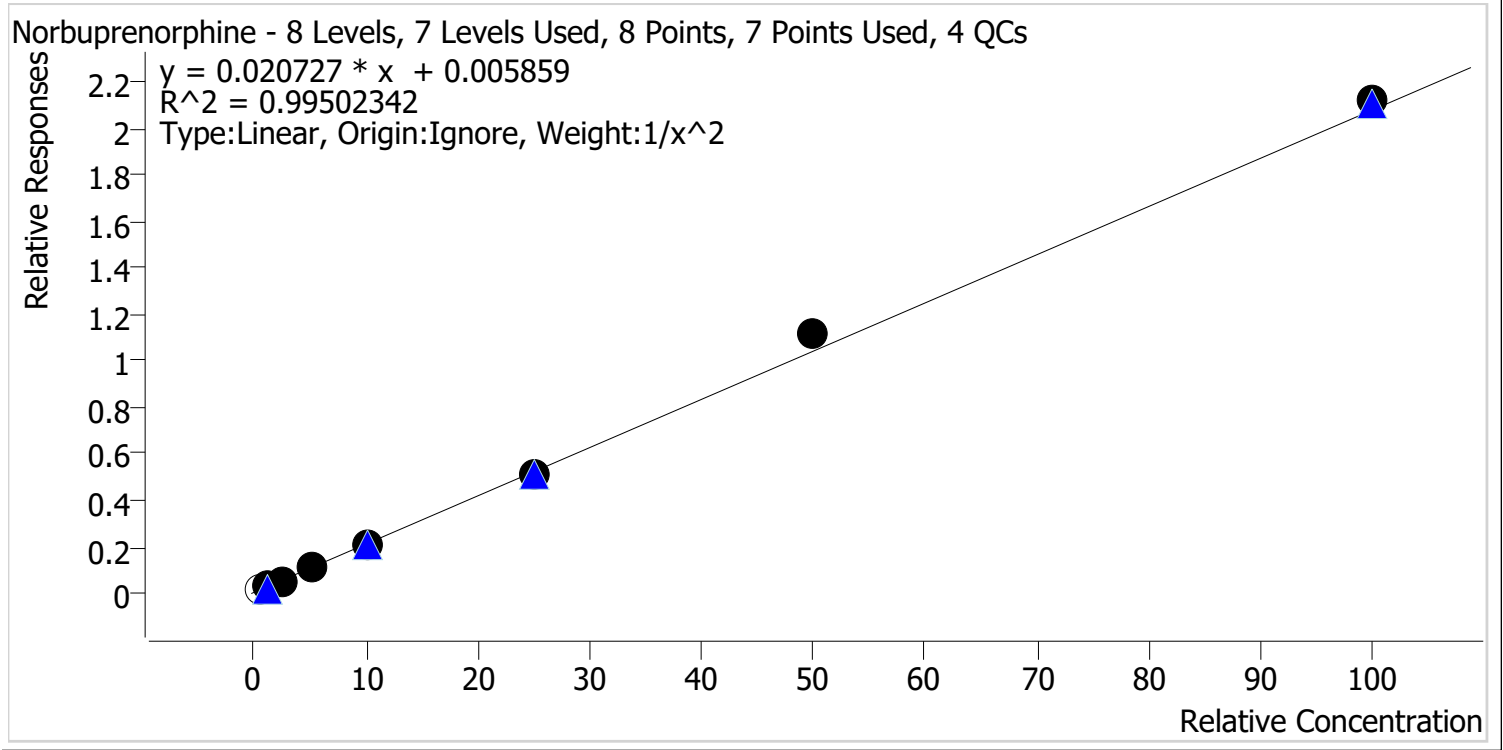


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	110.5	110.5
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	866.3	86.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

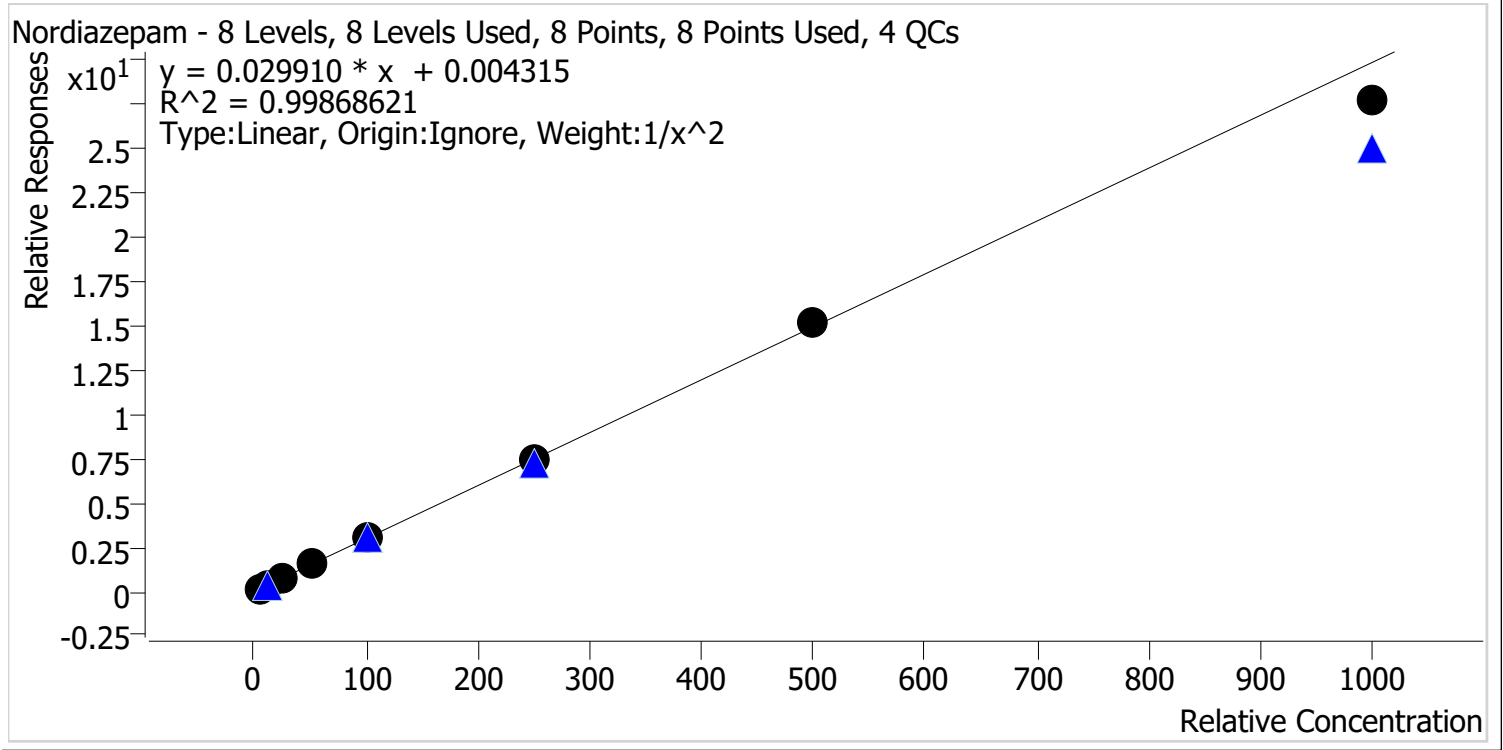


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	144.4
p1 Cal 2-10ng	2	✓	1.0	1.0	104.2
p1 Cal 3 -25ng	3	✓	2.5	2.2	88.9
p1 Cal 4-50ng	4	✓	5.0	5.1	102.2
p1 Cal 5-100ng	5	✓	10.0	9.6	96.5
p1 Cal 6-250ng	6	✓	25.0	24.7	98.6
p1 Cal 7-500ng	7	✓	50.0	53.8	107.6
p1 Cal 8-1000ng	8	✓	100.0	102.0	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

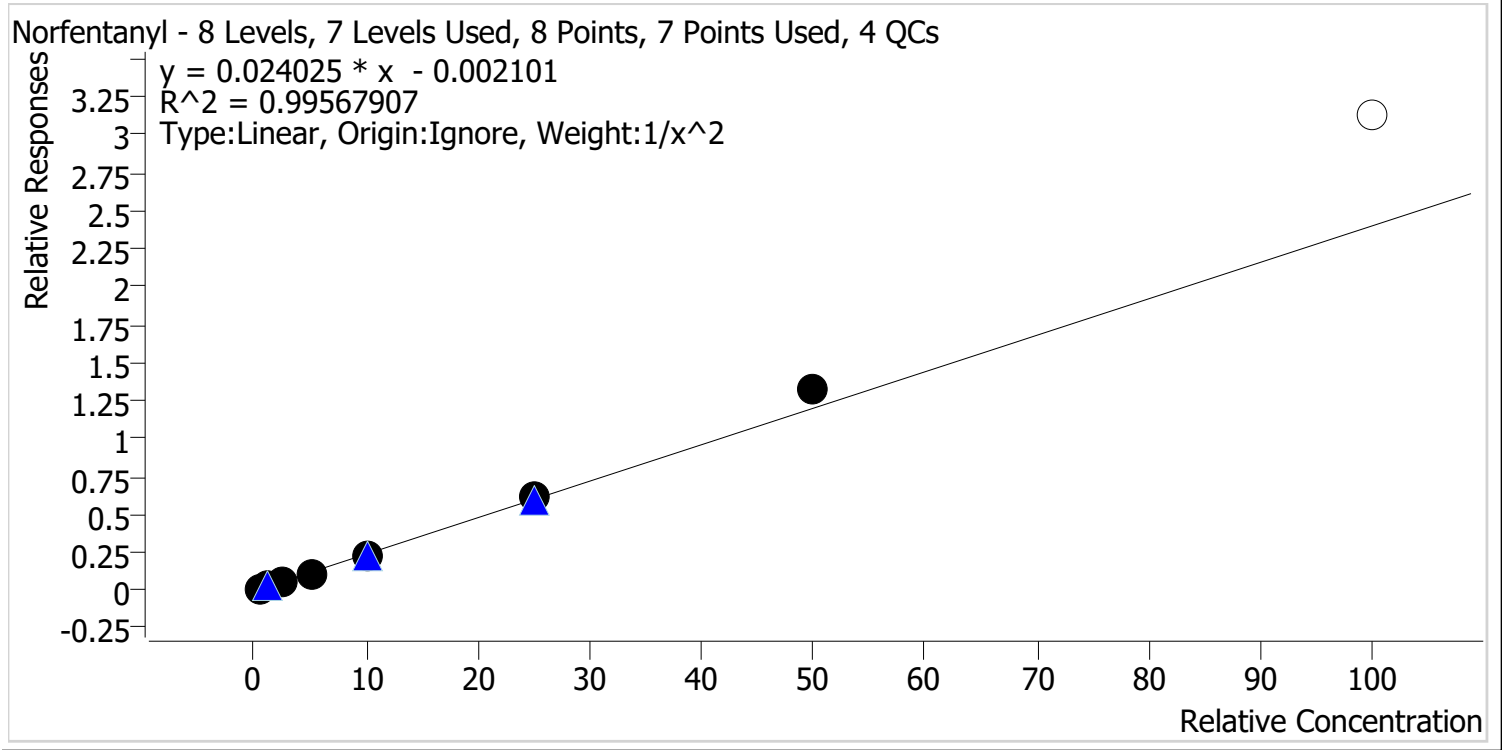


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	927.9	92.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

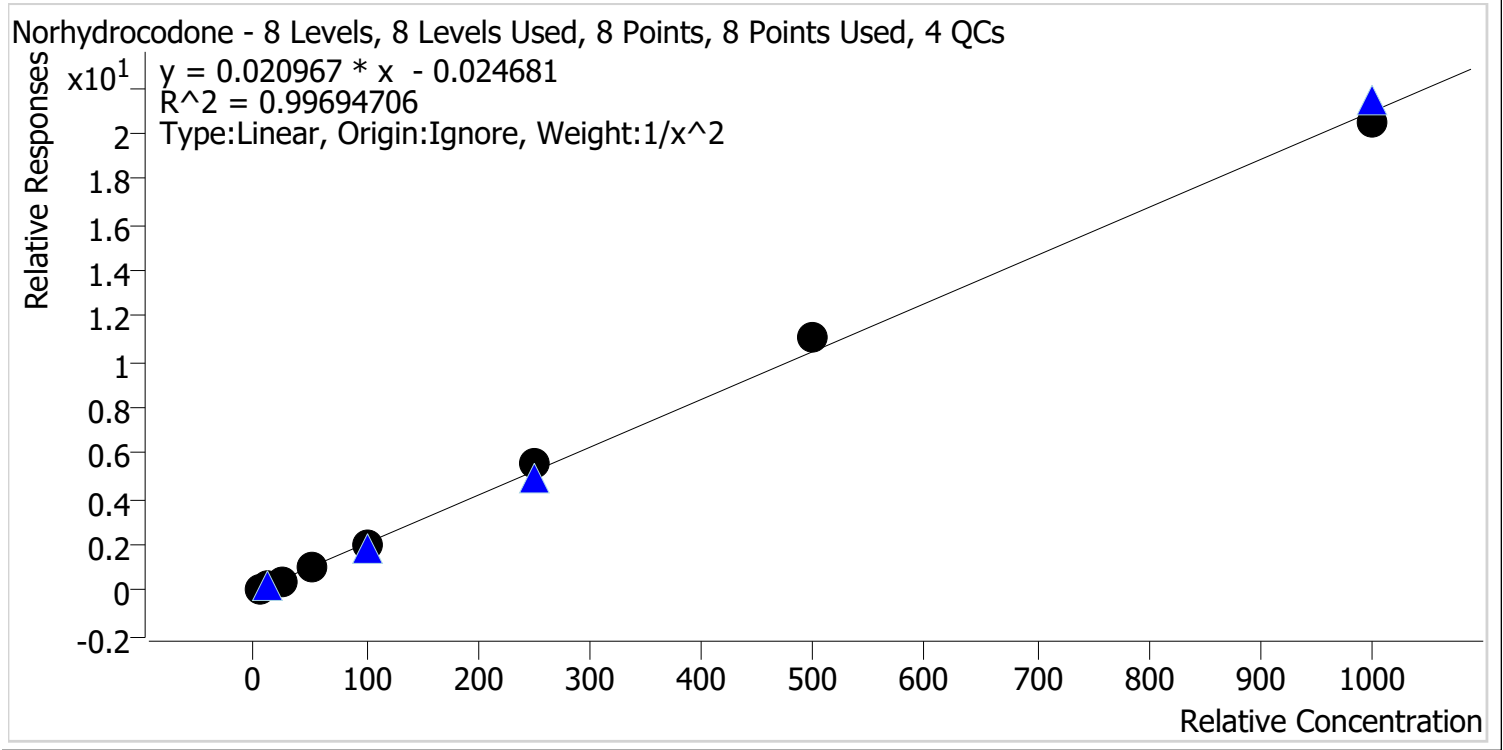


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.5
p1 Cal 2-10ng	2	✓	1.0	1.0	95.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.2
p1 Cal 4-50ng	4	✓	5.0	4.8	96.3
p1 Cal 5-100ng	5	✓	10.0	9.7	96.6
p1 Cal 6-250ng	6	✓	25.0	25.7	102.8
p1 Cal 7-500ng	7	✓	50.0	55.0	109.9
p1 Cal 8-1000ng	8	✗	100.0	130.5	130.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

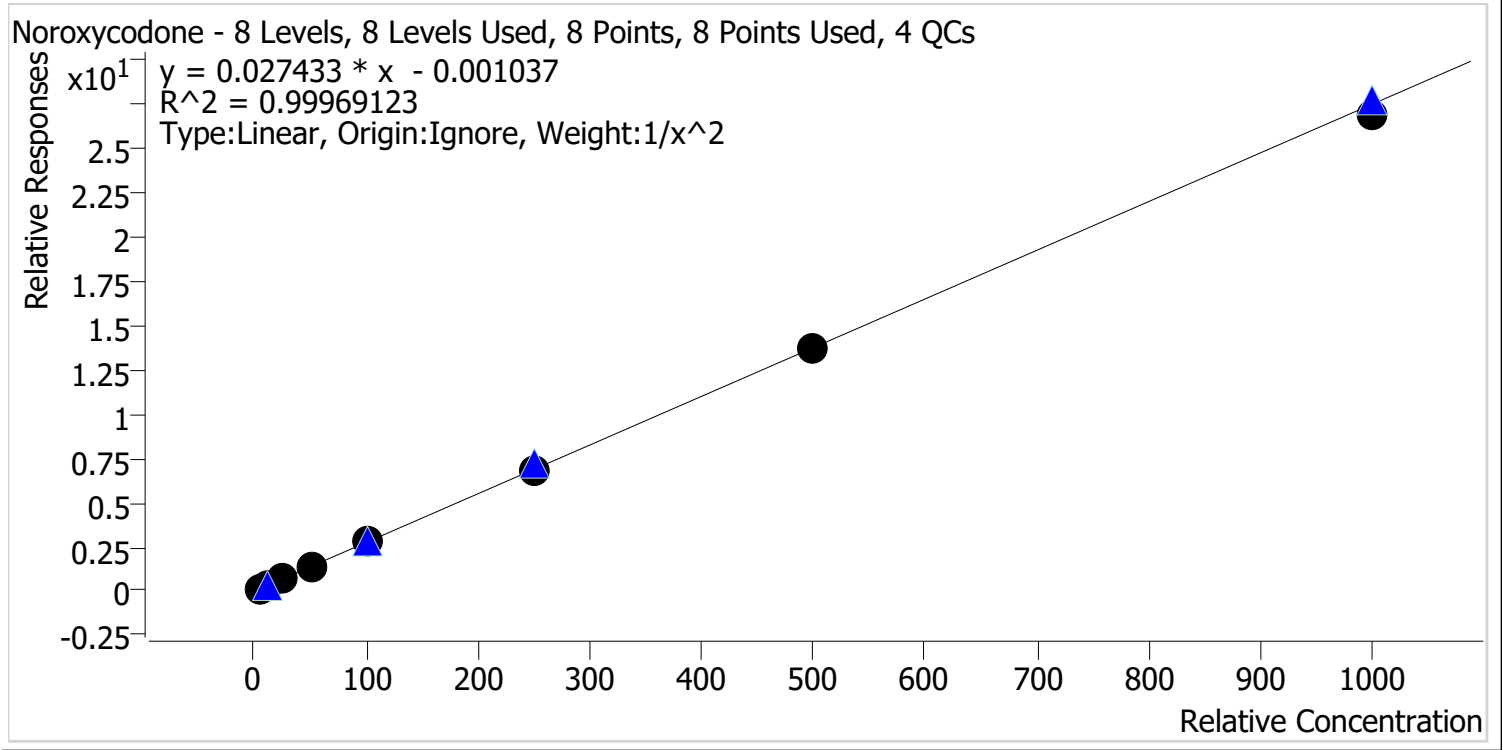


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	263.1	105.2
p1 Cal 7-500ng	7	✓	500.0	533.0	106.6
p1 Cal 8-1000ng	8	✓	1000.0	980.1	98.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

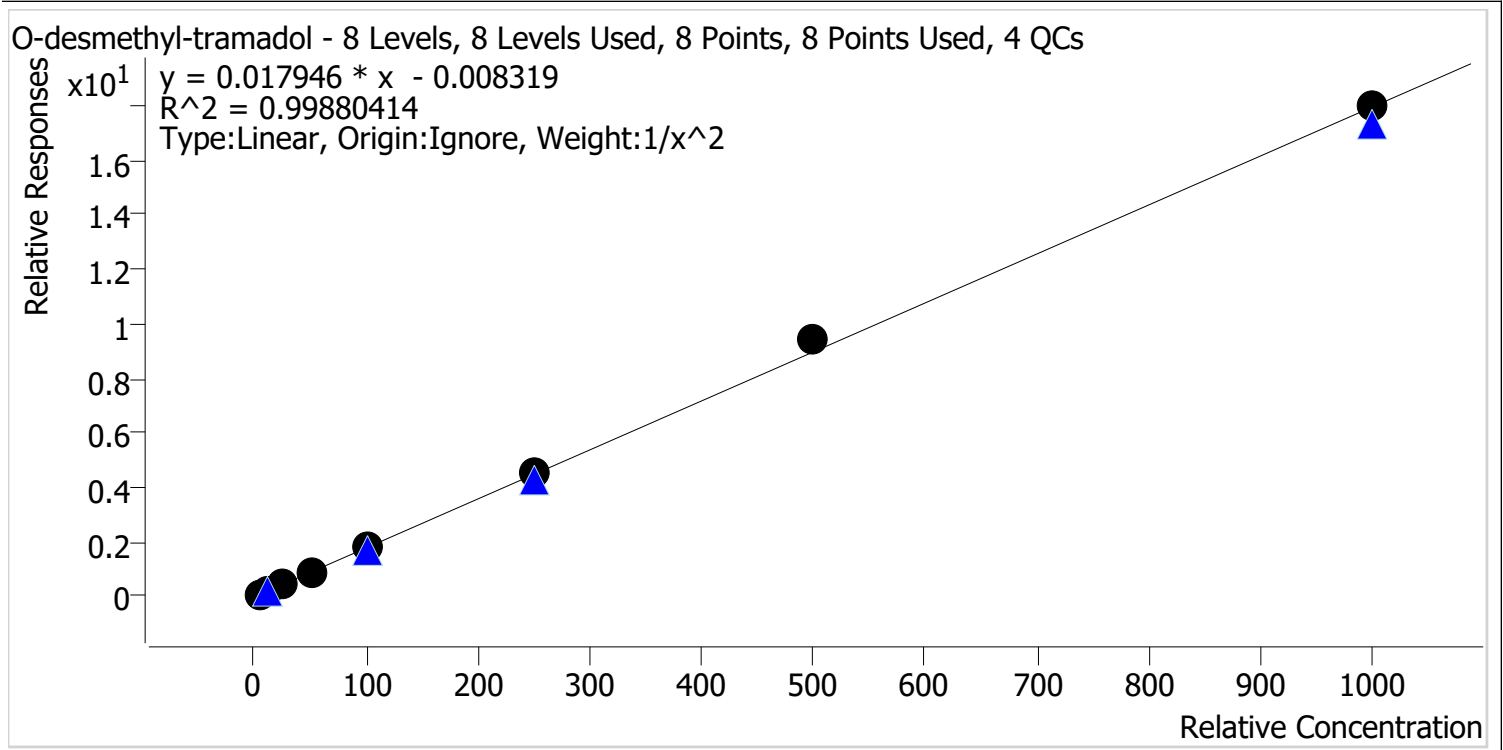


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	501.8	100.4
p1 Cal 8-1000ng	8	✓	1000.0	976.2	97.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



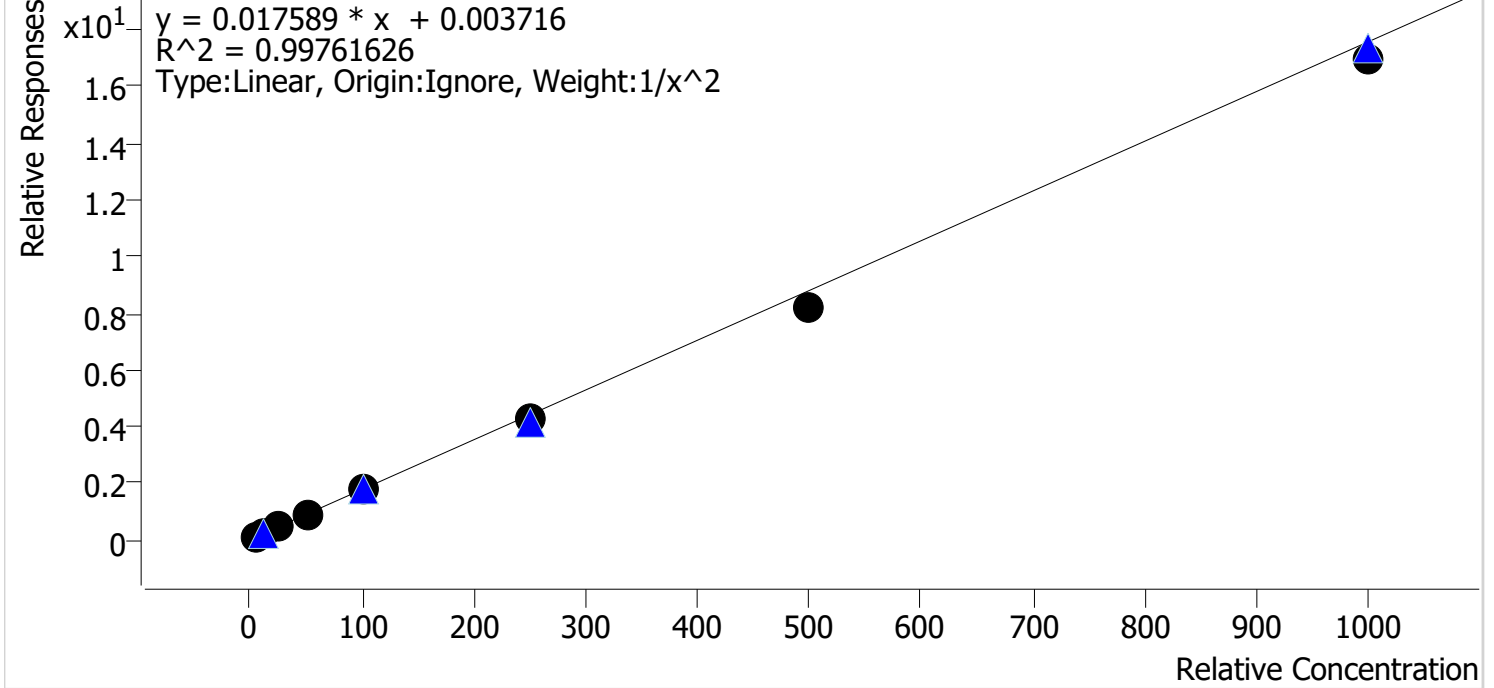
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1001.6	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

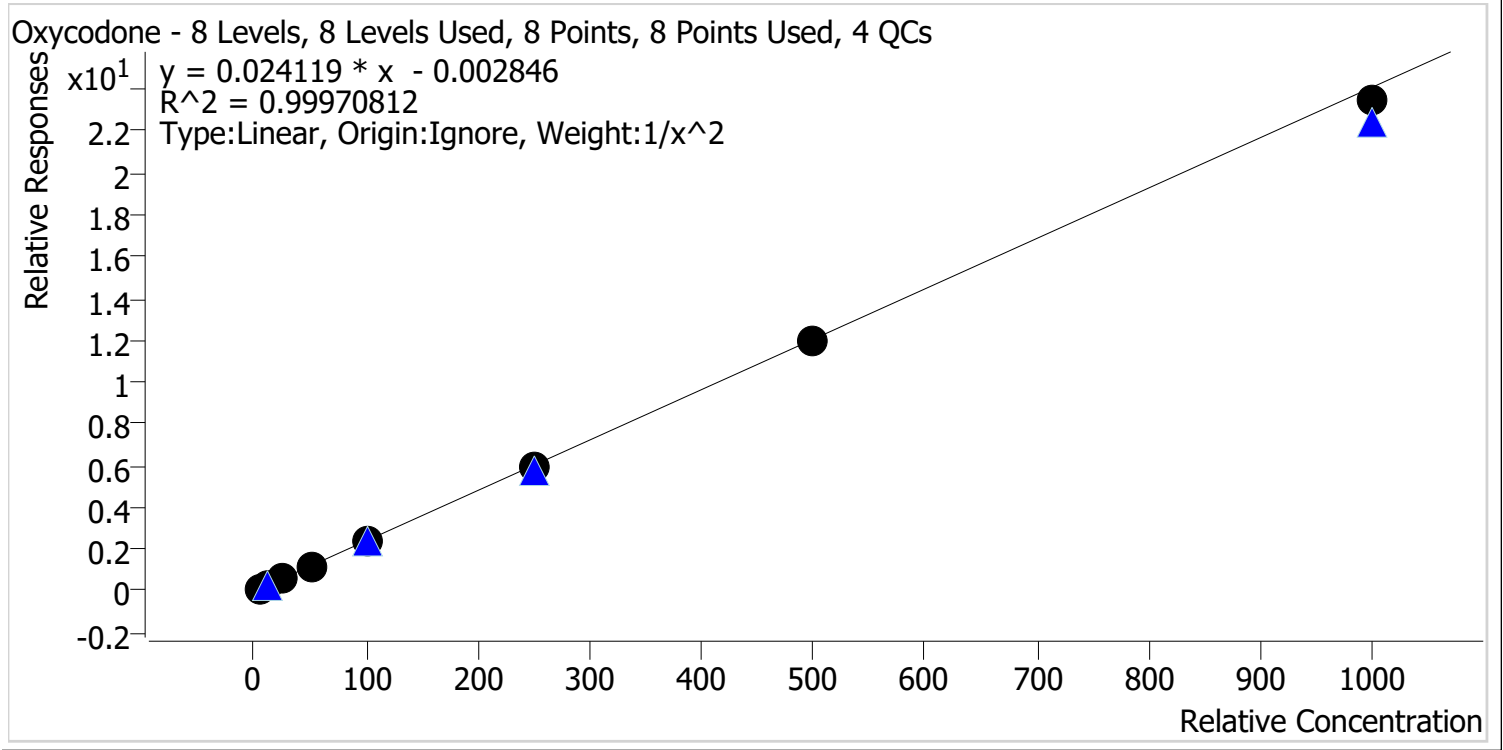


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	467.8	93.6
p1 Cal 8-1000ng	8	✓	1000.0	967.3	96.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

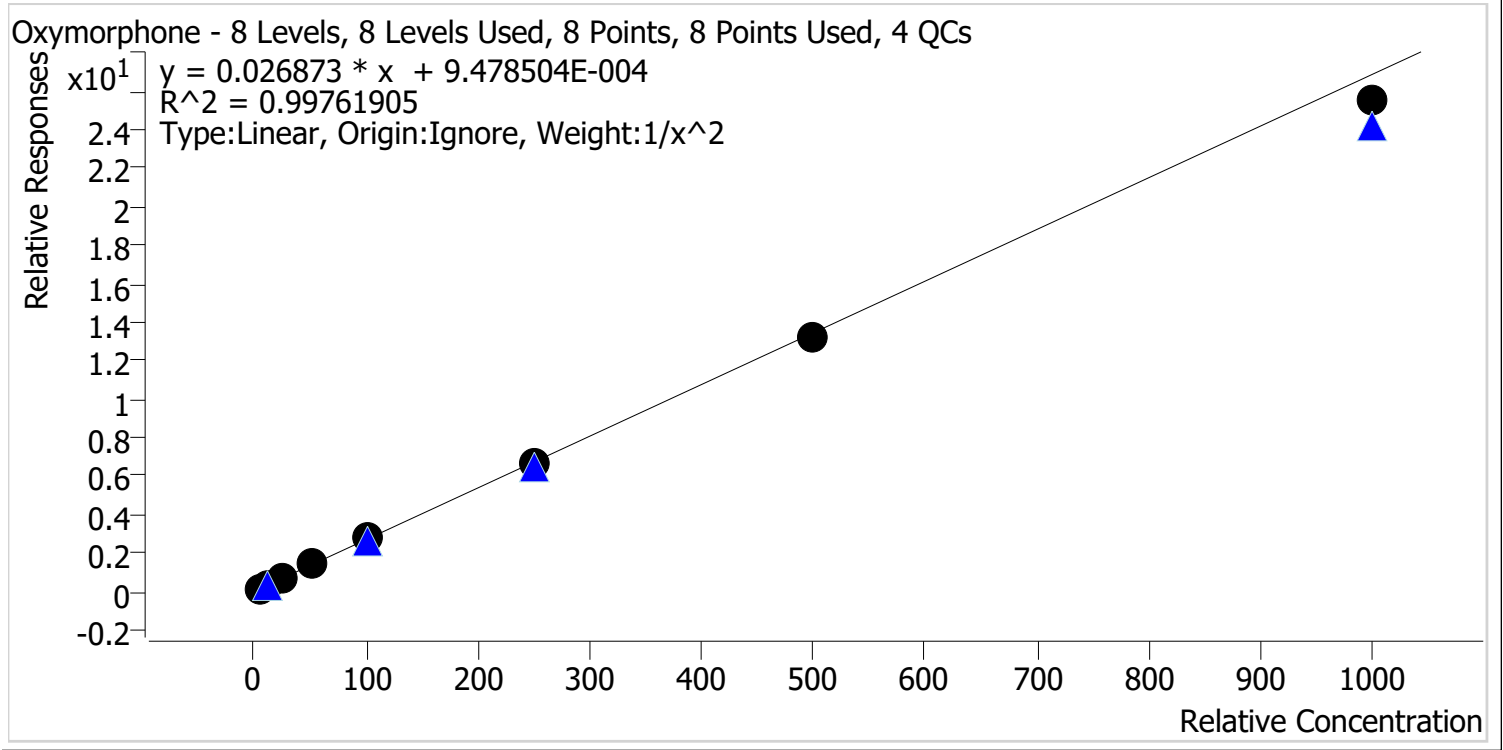


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	496.9	99.4
p1 Cal 8-1000ng	8	✓	1000.0	973.5	97.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

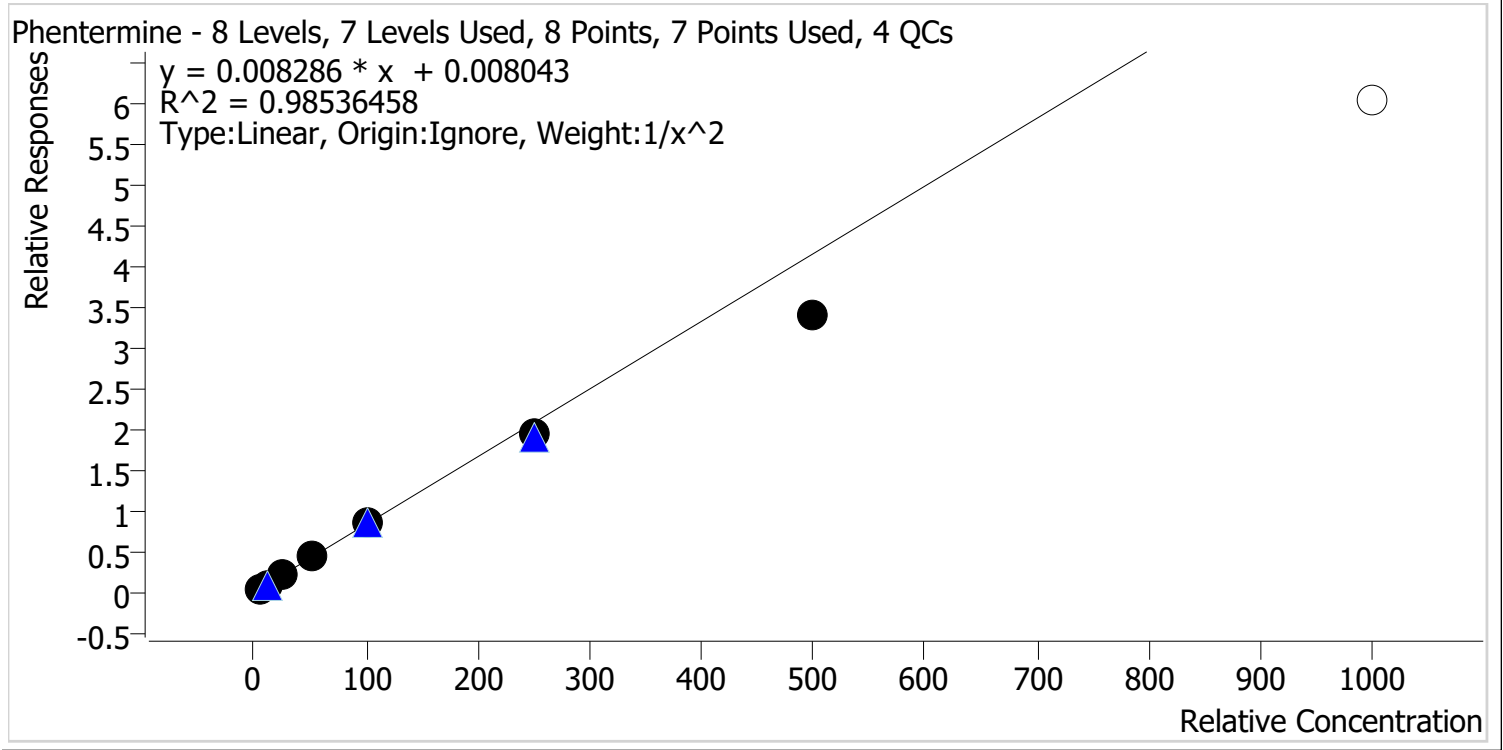


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	489.2	97.8
p1 Cal 8-1000ng	8	✓	1000.0	949.4	94.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

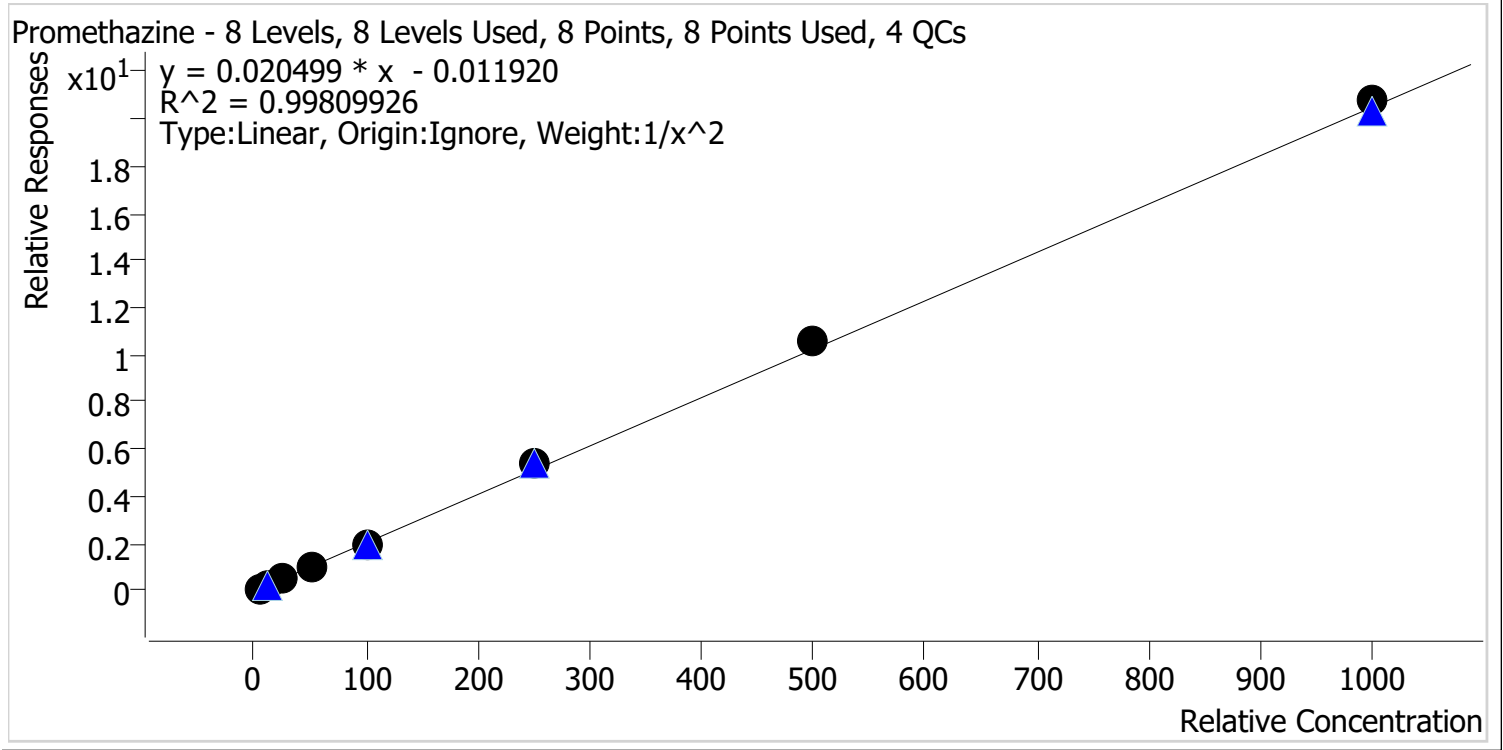


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	234.0	93.6
p1 Cal 7-500ng	7	✓	500.0	411.7	82.3
p1 Cal 8-1000ng	8	✗	1000.0	726.2	72.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

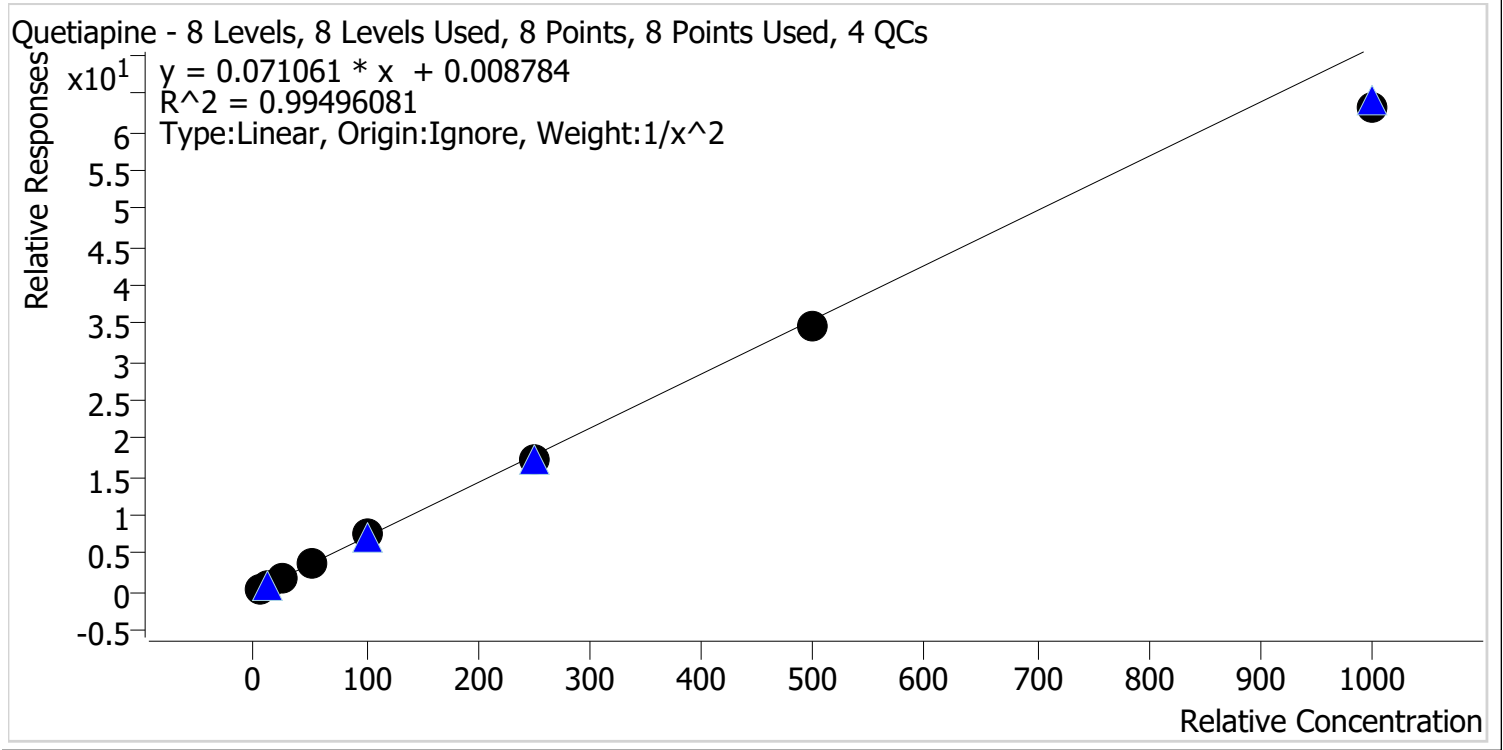


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	264.0	105.6
p1 Cal 7-500ng	7	✓	500.0	520.1	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1013.8	101.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

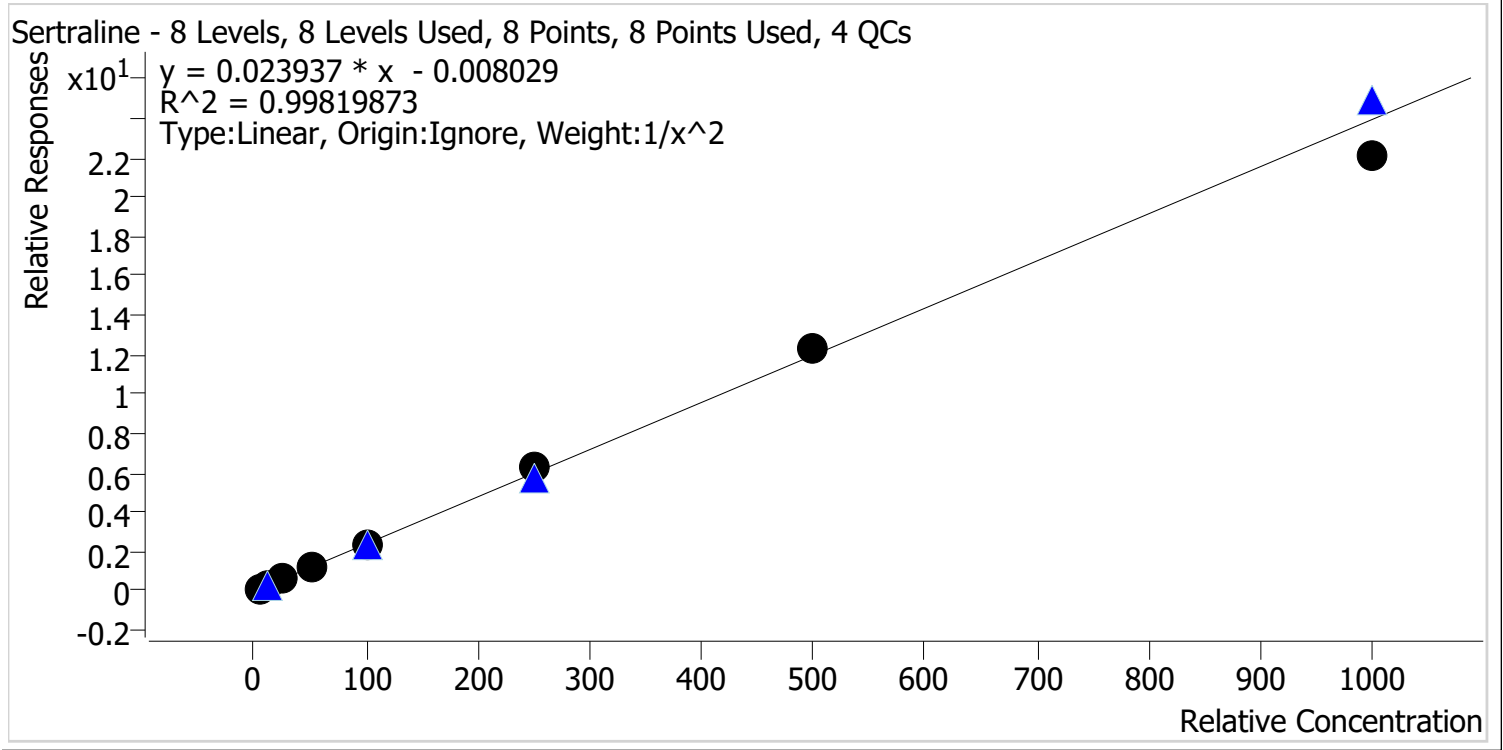


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	242.4	96.9
p1 Cal 7-500ng	7	✓	500.0	486.0	97.2
p1 Cal 8-1000ng	8	✓	1000.0	888.0	88.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

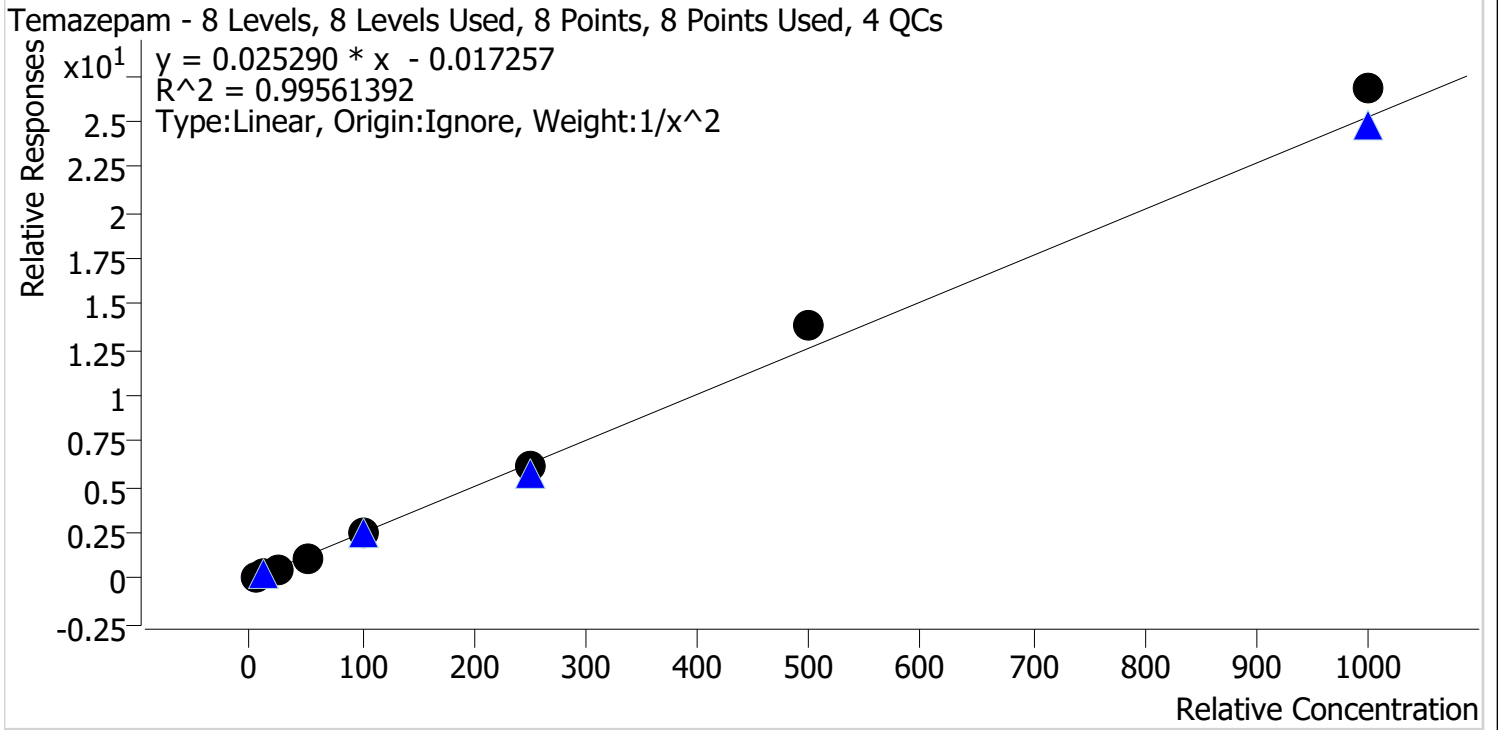


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	260.4	104.2
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	921.3	92.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

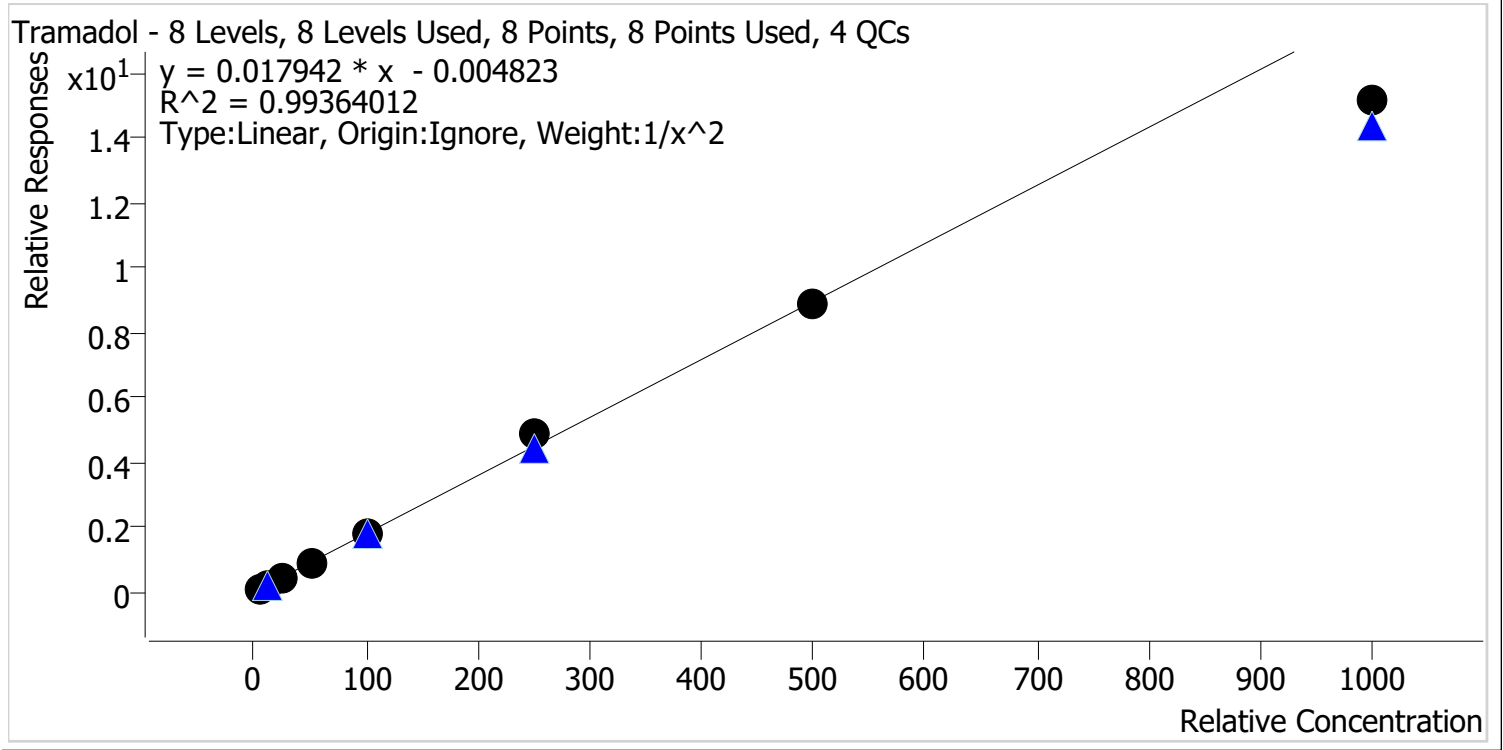


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	551.1	110.2
p1 Cal 8-1000ng	8	✓	1000.0	1061.2	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

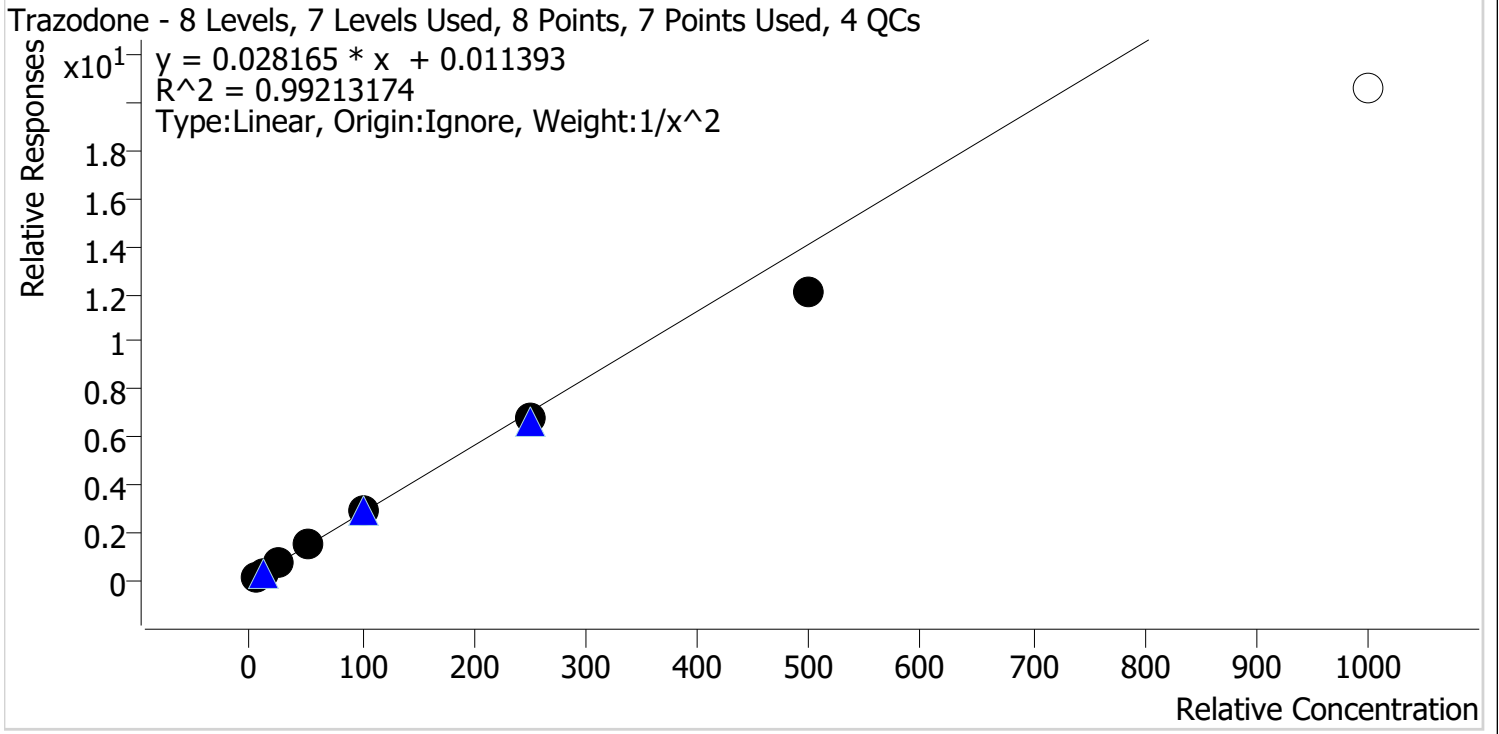


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	270.2	108.1
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	846.2	84.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

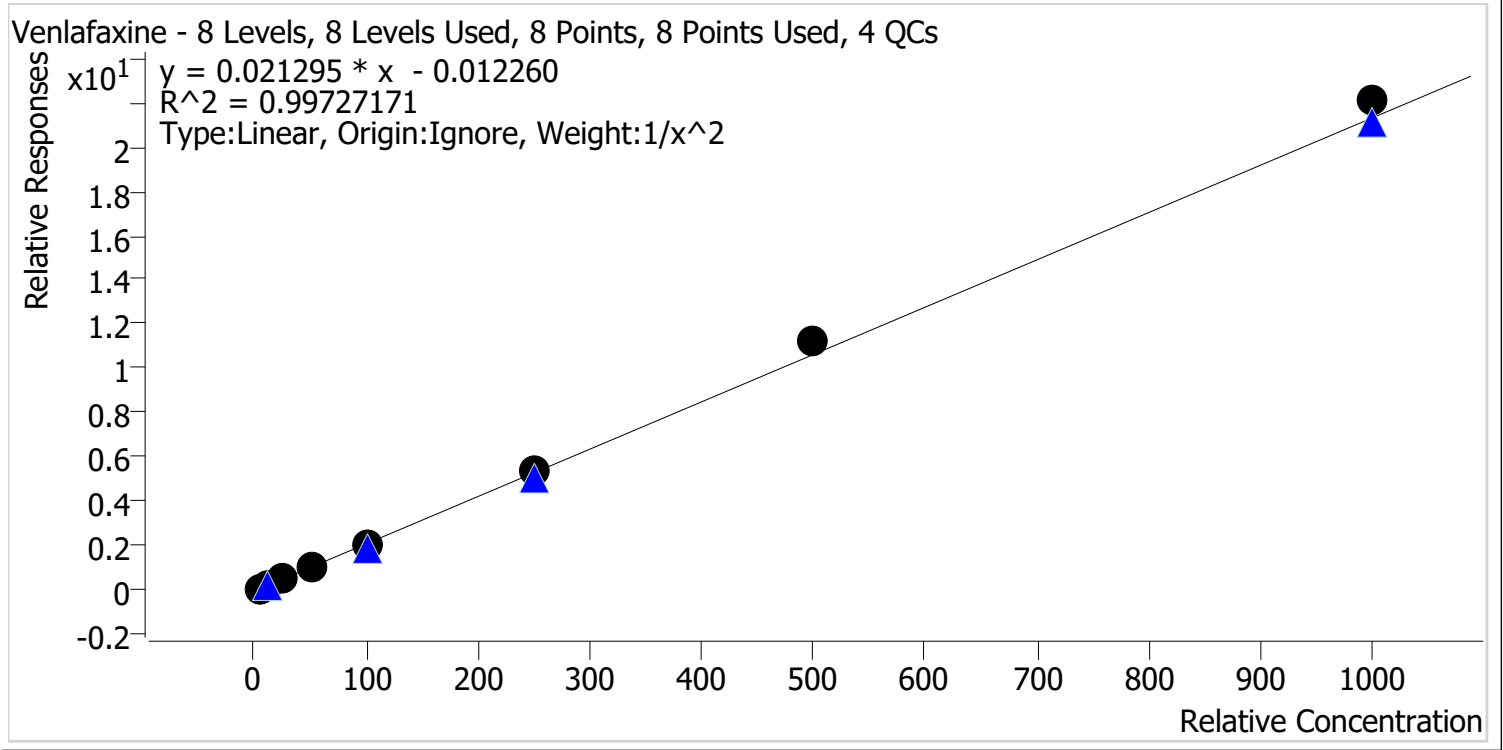


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	427.4	85.5
p1 Cal 8-1000ng	8	✗	1000.0	731.1	73.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

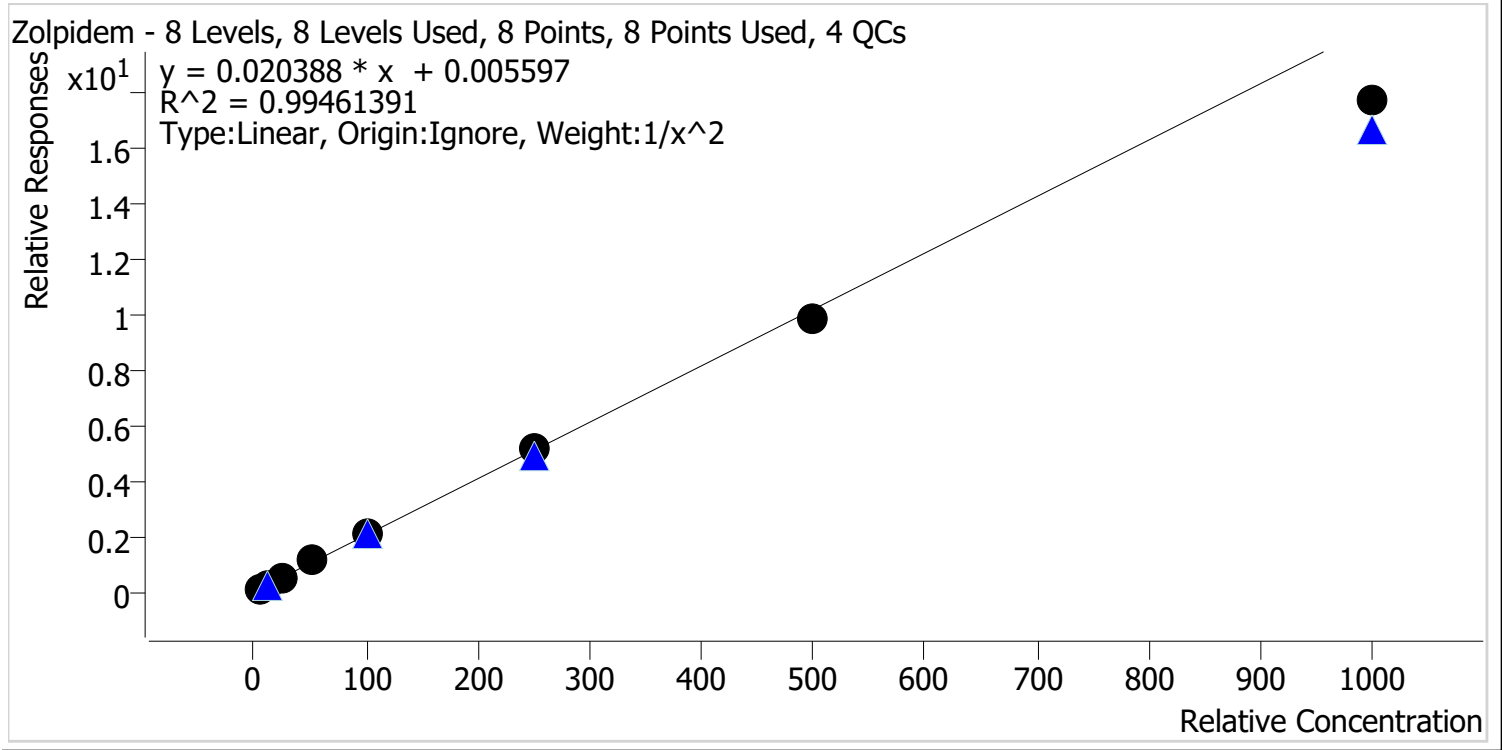


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	531.7	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1036.6	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/10/2024 8:34 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	482.6	96.5
p1 Cal 8-1000ng	8	✓	1000.0	870.1	87.0

AM #28 Multi-Drug Quant. Results

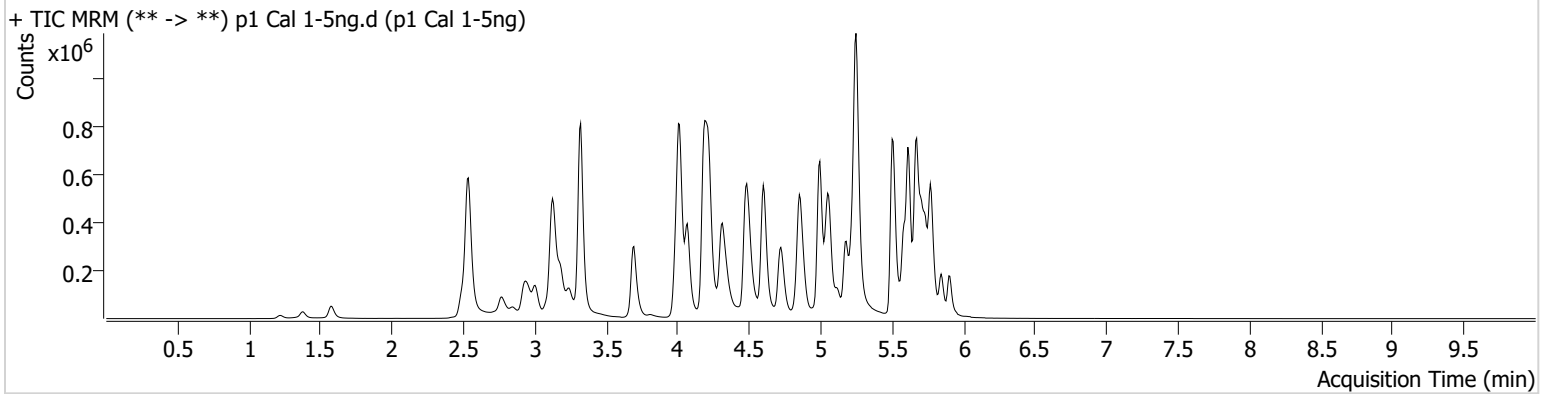


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-H12 **Comment**
Injection Volume 2
Acq. Date-Time 6/5/2024 10:35:10 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	1321	57.68	77.4	3665.44	80775	0.4907 ng/ml
7-aminoclonazepam	4.217	29144	52.39	68.0	1052.50	281963	4.6741 ng/ml
9-hydroxyrisperidone	4.603	4453	379.38	3157.7	1726.31	1208832	5.1314 ng/ml
a-hydroxyalprazolam	5.651	12766	91.65	69.2	93.77	101187	4.8944 ng/ml
alpha-PHP	4.888	27423	300.36	267.0	4932.39	859337	4.8040 ng/ml
alpha-PVP	4.322	102674	∞	49.3	89.71	859337	5.0917 ng/ml
Alprazolam	5.734	41670	456.54	100.5	155.99	301531	5.0517 ng/ml
Amphetamine	3.006	173244	98.84	49.7	1331.18	429302	4.7416 ng/ml
Benzoylcegonine	3.842	2119	33.04	39.6	90.80	16974	5.1636 ng/ml
Bromazolam	5.766	21388	12261.64	116.6	528.54	180603	5.0000 ng/ml
Buprenorphine	5.813	2058	951.08	14.2	248.19	152919	0.5130 ng/ml
Bupropion	4.738	115475	2894.41	63.3	909.53	697700	5.0263 ng/ml
Carisoprodol	5.682	51988	90949.34	66.2	211.11	509394	5.2317 ng/ml
Citalopram	5.179	74214	187.12	33.8	353.80	699647	5.0958 ng/ml
Clonazepam	5.570	36137	168.46	35.7	147.41	111362	4.6787 ng/ml
Clonazolam	5.513	27868	39062.43	37.3	13564.59	111362	4.7516 ng/ml
Cocaine	4.216	67157	765.77	55.4	78.91	1209043	5.0890 ng/ml
Codeine	2.542	6972	16864.73	100.2	31.07	67651	4.6623 ng/ml
Cyclobenzaprine	5.586	67288	73698.84	9.6	15884.14	643459	5.0981 ng/ml
Dextromethorphan	5.230	47642	677.62	78.7	87.03	478700	5.0380 ng/ml
Dextrorphan	4.068	30945	429.78	202.1	772.95	725892	5.0287 ng/ml
Diazepam	5.906	31036	148.80	91.3	139.79	290274	4.9723 ng/ml
Dihydrocodeine	2.521	18067	99.79	70.8	336.30	221305	4.7644 ng/ml
Diphenhydramine	5.251	216381	20232.76	32.5	325.93	2584286	5.1332 ng/ml
Doxylamine	4.497	182035	114.61	98.3	188804.85	1750338	5.0657 ng/ml
Duloxetine	5.612	8983	200.91	13.4	43.49	105422	4.9414 ng/ml
EDDP	5.222	30074	1173.14	40.0	10890.81	319052	5.1599 ng/ml
Etizolam	5.773	26967	20481.31	25.8	5596.00	111362	5.0992 ng/ml
Fentanyl	5.062	8036	508.63	64.8	89.25	767440	0.5138 ng/ml
Fluorofentanyl	5.116	18720	161.48	45.6	2612.89	7092	0.4403 ng/ml
Fluoxetine	5.673	100704	314.15	7.7	16843.88	843623	5.0271 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.988	23238	54.19	42.2	115.83	263974	4.8132 ng/ml
Hydromorphone	1.582	19212	1409.21	81.5	86.43	136128	5.0352 ng/ml
Hydroxyzine	5.670	84854	70691.48	69.7	2745.36	478700	5.1210 ng/ml
Ketamine	4.001	67812	474.05	32.2	251.20	621209	4.8436 ng/ml
Lamotrigine	4.232	6270	403.21	91.0	1383.72	1678211	4.8124 ng/ml
Lorazepam	5.706	32254	571.19	58.2	108.86	520158	4.8227 ng/ml
MDA	3.153	97932	191.90	29.3	1709.29	595277	4.6051 ng/ml
MDMA	3.248	71505	1433.69	83.6	797.20	151274	5.0277 ng/ml
Meprobamate	4.861	27360	349.30	32.1	94.09	265190	4.8186 ng/ml
Methadone	5.618	119515	403.42	59.4	323.12	1099226	5.1905 ng/ml
Methamphetamine	3.182	341175	5682.36	37.0	2757.46	1046608	4.9207 ng/ml
Metoprolol	4.279	19623	235.39	107.4	562.47	1683254	4.9180 ng/ml
Mirtazapine	4.593	125732	148116.50	57.4	7337.25	859337	4.9342 ng/ml
Mitragynine	5.191	16827	5611.06	38.1	9945.42	1099226	5.0405 ng/ml
Morphine	1.227	4043	42.00	37.9	474.62	6979	4.9981 ng/ml
Norbuprenorphine	4.951	591	487.50	72.7 Low	72.09	28381	0.7222 ng/ml
Nordiazepam	5.853	39869	241.25	51.3	26864.13	262539	4.9331 ng/ml
Norfentanyl	4.035	13719	215.26	40.3	37.81	1327843	0.5175 ng/ml
Norhydrocodone	3.023	5118	46.59	38.2	35.11	61173	5.1675 ng/ml
Noroxycodone	2.866	15002	172.05	49.7	154.22	111167	4.9571 ng/ml
O-desmethyl-tramadol	3.328	165464	9416.65	5.6	73.01	1985695	5.1069 ng/ml
o-desmethylvenlafaxine	4.020	125819	10032.65	26.9	105.56	30814	5.0007 ng/ml
Olanzapine	4.421	30265	329.67	61.9	133.59	162516	4.9702 ng/ml
Oxazepam	5.715	46705	106.85	66.3	61.83	520158	4.8936 ng/ml
Oxycodone	2.798	36863	544.98	30.6	205.07	315308	4.9653 ng/ml
Oxymorphone	1.379	10507	68.05	50.9	145.40	79562	4.8789 ng/ml
Phentermine	3.731	41374	151.31	5.6	73.32	871308	4.7602 ng/ml
Promethazine	5.509	131343	419.33	29.7	251.14	1414580	5.1109 ng/ml
Pseudoephedrine	2.545	181102	318.53	17.2	147.81	1678211	5.0951 ng/ml
Quetiapine	5.519	88186	327.09	60.1	81852.88	247261	4.8954 ng/ml
Sertraline	5.742	35967	239.92	90.3	90.25	320704	5.0208 ng/ml
Temazepam	5.776	80954	380.79	26.2	127.21	716127	5.1523 ng/ml
Tramadol	4.197	140245	283.65	4.0	87.41	1683254	4.9125 ng/ml
Trazodone	5.116	104890	168846.52	65.4	536.06	710674	4.8357 ng/ml
Venlafaxine	4.996	151533	3851.21	32.3	193.87	1542521	5.1890 ng/ml
Xylazine	4.035	50924	10148.46	43.5	136.11	489107	5.0700 ng/ml
Zolpidem	4.879	121969	1336.17	29.8	17055.74	1158648	4.8886 ng/ml

AM #28 Multi-Drug Quant. Results

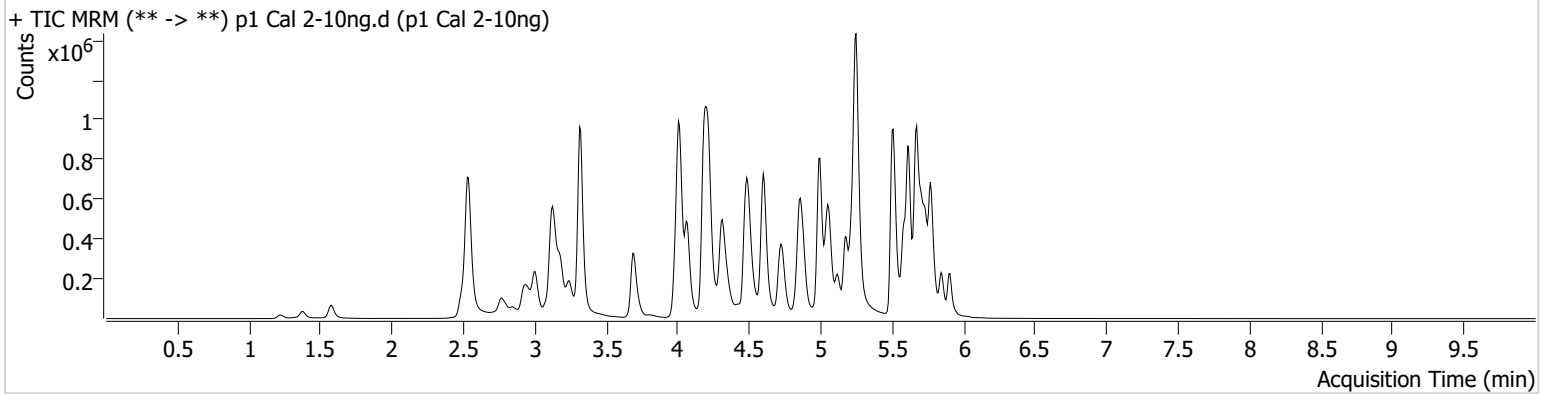


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G12 **Comment**
Injection Volume 2
Acq. Date-Time 6/5/2024 10:45:59 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	3211	526.75	67.5	360.51	88093	1.0373 ng/ml
7-aminoclonazepam	4.217	62881	11295.30	67.1	42287.03	290195	10.6833 ng/ml
9-hydroxyrisperidone	4.603	9395	1567.23	3274.6	1157.62	1330011	9.5326 ng/ml
a-hydroxyalprazolam	5.651	27239	346.49	65.5	330.36	102894	10.1006 ng/ml
alpha-PHP	4.888	61954	808.13	257.9	1110.85	949431	10.3298 ng/ml
alpha-PVP	4.322	226727	245.82	49.5	447.09	949431	9.7358 ng/ml
Alprazolam	5.734	89815	218.63	100.4	245.94	324873	9.8765 ng/ml
Amphetamine	3.006	359497	828.09	50.9	152.91	463906	10.5615 ng/ml
Benzoylcegonine	3.835	4347	34.54	43.2	∞	18202	9.3760 ng/ml
Bromazolam	5.766	45612	47808.68	118.8	51838.83	195242	9.8666 ng/ml
Buprenorphine	5.813	4816	3784.32	12.5	369.02	170453	1.0026 ng/ml
Bupropion	4.738	250319	6078.63	65.8	4396.89	759902	9.8033 ng/ml
Carisoprodol	5.682	111044	223.71	65.9	106.47	541224	9.5666 ng/ml
Citalopram	5.179	166448	405.85	32.0	252213.62	770657	9.7098 ng/ml
Clonazepam	5.570	80246	519.50	35.7	306.48	116939	10.7619 ng/ml
Clonazolam	5.513	60141	89375.39	39.0	428.59	116939	10.6754 ng/ml
Cocaine	4.216	148340	251.40	53.1	1913.96	1321461	9.8149 ng/ml
Codeine	2.542	15506	312.54	94.3	38753.91	73656	10.5027 ng/ml
Cyclobenzaprine	5.586	150192	133490.06	9.9	14658.98	689610	9.8706 ng/ml
Dextromethorphan	5.230	105883	51155.43	82.9	902.35	535038	9.7957 ng/ml
Dextrorphan	4.068	68288	237.34	202.5	626.91	793848	9.8953 ng/ml
Diazepam	5.906	70205	198.72	89.5	337.52	318219	10.1090 ng/ml
Dihydrocodeine	2.521	39288	319.03	71.9	230.17	241384	10.2642 ng/ml
Diphenhydramine	5.251	477546	581.27	33.2	65683.54	2782052	9.7441 ng/ml
Doxylamine	4.497	408187	20884.54	98.9	279884.54	1923670	9.8023 ng/ml
Duloxetine	5.612	20343	1323.40	12.0	110.64	115426	10.1414 ng/ml
EDDP	5.222	81759	970.66	40.8	18876.98	442584	9.5850 ng/ml
Etizolam	5.773	59466	719.72	24.8	277.86	116939	10.0045 ng/ml
Fentanyl	5.062	16876	109.43	73.2	114.94	853425	0.9650 ng/ml
Fluorofentanyl	5.116	42714	423.61	45.0	307.98	7968	0.9632 ng/ml
Fluoxetine	5.673	220507	143509.80	8.2	8287.62	910560	9.9498 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	52762	49.02	39.3	51.79	274327	10.6466 ng/ml
Hydromorphone	1.582	41952	1315.34	82.3	151162.13	149501	9.7892 ng/ml
Hydroxyzine	5.670	192488	22686.33	69.7	4574.25	535038	9.7317 ng/ml
Ketamine	4.001	143854	4489.61	33.3	346.20	662773	10.2452 ng/ml
Lamotrigine	4.225	14582	3486.29	81.1	10905.90	1826080	10.5696 ng/ml
Lorazepam	5.706	68614	1380.93	52.6	239.92	548371	10.5893 ng/ml
MDA	3.147	216407	1019.00	28.6	759.69	628846	10.7758 ng/ml
MDMA	3.248	160044	9529.69	84.4	1776.55	164607	9.9289 ng/ml
Meprobamate	4.861	63323	4019.60	31.1	617.66	294580	10.4613 ng/ml
Methadone	5.618	254545	463.02	59.3	621.58	1198710	9.5116 ng/ml
Methamphetamine	3.182	513040	412.31	37.5	3950.80	1142607	9.9526 ng/ml
Metoprolol	4.279	43254	∞	103.1	844.10	1856256	10.0316 ng/ml
Mirtazapine	4.593	274698	422897.90	57.7	∞	949431	9.9664 ng/ml
Mitragynine	5.191	40840	405.89	36.5	249.23	1198710	9.9017 ng/ml
Morphine	1.227	8151	4275.01	37.4	93.44	8147	9.6919 ng/ml
Norbuprenorphine	4.944	858	1676.15	84.5	909.87	31259	1.0422 ng/ml
Nordiazepam	5.853	85374	1989.03	52.6	171.63	277665	10.1357 ng/ml
Norfentanyl	4.035	30353	47.23	36.7	107.65	1452895	0.9570 ng/ml
Norhydrocodone	3.023	11663	97.17	38.3	62.33	65700	9.6435 ng/ml
Noroxycodone	2.866	33334	382.84	48.8	111.14	120210	10.1458 ng/ml
O-desmethyl-tramadol	3.321	367025	445.89	5.8	596.32	2199251	9.7631 ng/ml
o-desmethylvenlafaxine	4.013	301501	5890.43	24.8	145.92	32441	10.2687 ng/ml
Olanzapine	4.421	69082	355.04	59.5	528.01	177230	10.0602 ng/ml
Oxazepam	5.715	99479	179.65	67.4	226.54	548371	10.1025 ng/ml
Oxycodone	2.791	81358	254.74	29.7	199.35	338127	10.0943 ng/ml
Oxymorphone	1.379	23699	∞	48.3	159.67	83739	10.4963 ng/ml
Phentermine	3.724	90284	91.93	5.3	97.15	965442	10.3155 ng/ml
Promethazine	5.509	301163	5994.37	29.3	440.59	1595718	9.7883 ng/ml
Pseudoephedrine	2.545	396649	509.54	17.0	945.27	1826080	9.8267 ng/ml
Quetiapine	5.519	198668	276.63	57.6	4583.36	274790	10.0505 ng/ml
Sertraline	5.742	77147	2449.48	89.9	1446.10	336481	9.9139 ng/ml
Temazepam	5.776	172957	26125.55	26.7	129.64	756552	9.7219 ng/ml
Tramadol	4.197	326849	337.88	3.5	25.11	1856256	10.0826 ng/ml
Trazodone	5.116	237528	22067.20	67.7	231.80	787633	10.3027 ng/ml
Venlafaxine	4.996	331453	564.31	31.4	541.18	1734019	9.5520 ng/ml
Xylazine	4.035	111538	258.34	44.4	1082.88	530795	9.8243 ng/ml
Zolpidem	4.879	267203	1771.44	29.2	5849.32	1269601	10.0482 ng/ml

AM #28 Multi-Drug Quant. Results

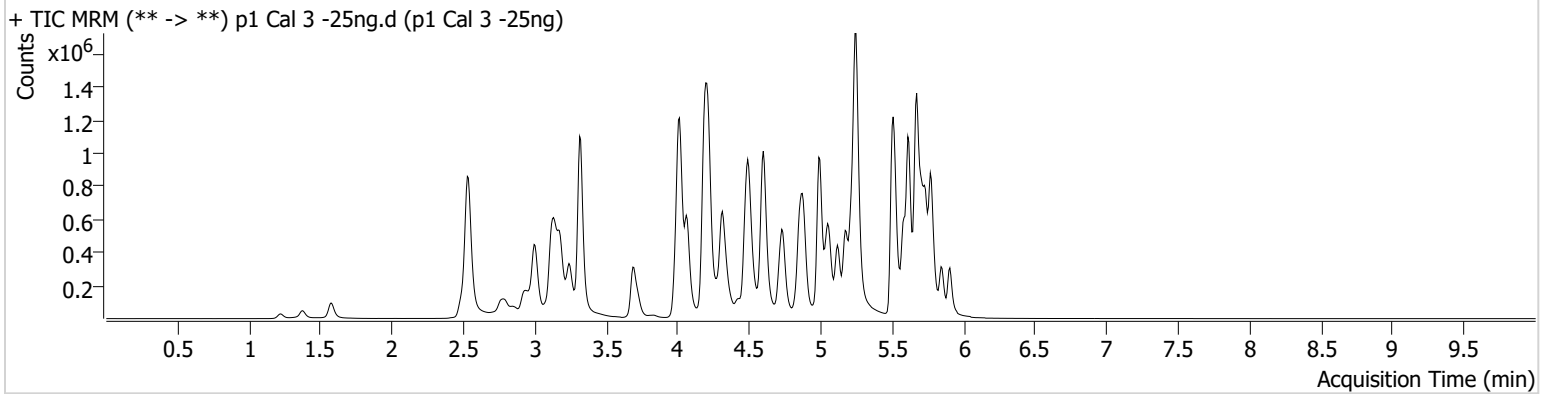


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-F12 **Comment**
Injection Volume 2
Acq. Date-Time 6/5/2024 10:56:39 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	7441	14893.36	69.3	159.15	82273	2.5053 ng/ml
7-aminoclonazepam	4.217	143144	187.46	70.3	13275.96	271336	27.1679 ng/ml
9-hydroxyrisperidone	4.603	22941	259.29	3210.1	4244.78	1211853	24.9868 ng/ml
a-hydroxyalprazolam	5.651	65655	215.83	64.9	382.31	94396	26.2871 ng/ml
alpha-PHP	4.888	146314	4043.36	261.8	1275.10	874788	27.2352 ng/ml
alpha-PVP	4.315	547559	412.31	48.6	3544.22	874788	24.8031 ng/ml
Alprazolam	5.734	211521	409.07	101.3	308.82	304968	24.4322 ng/ml
Amphetamine	3.006	804411	168.88	49.7	11203.91	433251	27.5133 ng/ml
Benzoylcegonine	3.835	10739	141.75	37.4	301.84	16117	25.1773 ng/ml
Bromazolam	5.766	106712	2297.78	116.5	24.73	177708	25.3658 ng/ml
Buprenorphine	5.820	10734	14171.08	16.4	2028.87	161915	2.2613 ng/ml
Bupropion	4.738	606700	1085.30	63.5	23101.25	701518	25.4087 ng/ml
Carisoprodol	5.682	251548	11842.46	64.7	371.83	466415	23.6141 ng/ml
Citalopram	5.173	396567	428.42	33.5	490.30	694797	24.6037 ng/ml
Clonazepam	5.570	188673	2582.51	34.2	4793.40	112456	27.4368 ng/ml
Clonazolam	5.513	137267	232880.79	39.3	77113.82	112456	26.5217 ng/ml
Cocaine	4.216	351211	7420.20	53.5	3240.52	1231647	24.2238 ng/ml
Codeine	2.542	36775	126.84	95.0	66266.78	66990	28.8980 ng/ml
Cyclobenzaprine	5.586	352163	288.18	9.4	312.40	638943	23.9229 ng/ml
Dextromethorphan	5.230	250729	177.11	82.0	161.98	486607	25.1443 ng/ml
Dextrorphan	4.068	162206	465.47	199.0	1377.81	733153	25.0614 ng/ml
Diazepam	5.906	163613	∞	90.3	745.41	300305	24.7558 ng/ml
Dihydrocodeine	2.514	93904	353.15	70.7	935.60	221531	27.9680 ng/ml
Diphenhydramine	5.251	1134952	517.73	33.0	7446.55	2594361	23.6843 ng/ml
Doxylamine	4.497	977023	1844484.43	96.8	296.30	1765624	24.7384 ng/ml
Duloxetine	5.612	47972	25618.66	13.7	7301.89	109985	24.9898 ng/ml
EDDP	5.215	234536	369.66	41.3	202.87	492521	23.8408 ng/ml
Etizolam	5.773	135986	5279.95	26.7	8852.67	112456	22.9086 ng/ml
Fentanyl	5.055	39964	154.56	71.0	30919.08	804332	2.4157 ng/ml
Fluorofentanyl	5.116	99975	2446.05	42.5	264.30	7370	2.5396 ng/ml
Fluoxetine	5.673	515785	308.64	7.9	111155.56	849947	24.5693 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	120474	125.92	42.1	∞	263573	25.4533 ng/ml
Hydromorphone	1.582	99903	1650.91	81.2	1317.30	136548	25.1609 ng/ml
Hydroxyzine	5.670	452273	105054.52	71.7	142730.53	486607	24.1238 ng/ml
Ketamine	4.001	339570	513.29	33.8	355.71	628107	26.4456 ng/ml
Lamotrigine	4.225	32332	1709.39	84.9	32666.21	1686939	25.7189 ng/ml
Lorazepam	5.706	142793	960.82	58.2	384.03	478432	26.4263 ng/ml
MDA	3.147	494812	7589.62	28.5	2505.97	577217	28.4031 ng/ml
MDMA	3.248	376922	3543.30	83.1	974.32	151687	24.7676 ng/ml
Meprobamate	4.861	146080	2459.20	30.9	887.74	267166	27.2101 ng/ml
Methadone	5.618	602756	28570.59	61.3	18477.94	1094897	23.6129 ng/ml
Methamphetamine	3.182	905776	11282.89	37.0	10759.08	1065044	26.3723 ng/ml
Metoprolol	4.279	102142	7017.23	103.7	3643.68	1695400	26.2562 ng/ml
Mirtazapine	4.593	661312	313508.68	57.1	730.27	874788	26.3859 ng/ml
Mitragynine	5.191	99616	4754.46	36.8	246.73	1094897	24.6479 ng/ml
Morphine	1.227	18464	2677.42	37.5	33713.85	7480	26.0548 ng/ml
Norbuprenorphine	4.944	1534	175.66	108.9	1096.43	29523	2.2236 ng/ml
Nordiazepam	5.853	201525	1229.44	52.4	424.05	262269	25.5461 ng/ml
Norfentanyl	4.035	73415	670.46	36.7	138.97	1332695	2.3803 ng/ml
Norhydrocodone	3.016	28321	112.76	40.3	101.65	61639	23.0911 ng/ml
Noroxycodone	2.866	75655	1032.73	51.2	273.92	111013	24.8797 ng/ml
O-desmethyl-tramadol	3.321	871523	70414.48	5.7	222.78	2053996	24.1074 ng/ml
o-desmethylvenlafaxine	4.013	702840	99174.20	24.5	766.56	31511	23.4224 ng/ml
Olanzapine	4.421	163656	312.03	60.1	1267.38	165660	25.0162 ng/ml
Oxazepam	5.715	224675	297.96	67.2	136.97	478432	26.4877 ng/ml
Oxycodone	2.791	193333	1091.55	31.3	456.45	320143	25.1565 ng/ml
Oxymorphone	1.379	52801	239.76	51.2	∞	80859	24.2644 ng/ml
Phentermine	3.724	214039	2670.38	5.0	153.88	894843	27.8970 ng/ml
Promethazine	5.509	708081	1920.63	29.3	455.36	1474787	24.0033 ng/ml
Pseudoephedrine	2.538	926159	24850.27	17.3	20284.68	1686939	24.1905 ng/ml
Quetiapine	5.519	462597	210.77	57.9	233.94	246532	26.2823 ng/ml
Sertraline	5.742	187743	785.12	87.9	487.18	320912	24.7761 ng/ml
Temazepam	5.776	394344	700.12	27.3	576.55	678554	23.6619 ng/ml
Tramadol	4.197	784721	394.16	3.4	258.34	1695400	26.0659 ng/ml
Trazodone	5.116	558645	97.63	67.3	439579.34	743916	26.2576 ng/ml
Venlafaxine	4.996	780766	883.64	31.6	250.11	1600511	23.4840 ng/ml
Xylazine	4.035	268850	65916.57	45.5	763.10	498865	24.5683 ng/ml
Zolpidem	4.879	645474	591776.03	28.5	6384.28	1183082	26.4853 ng/ml

AM #28 Multi-Drug Quant. Results

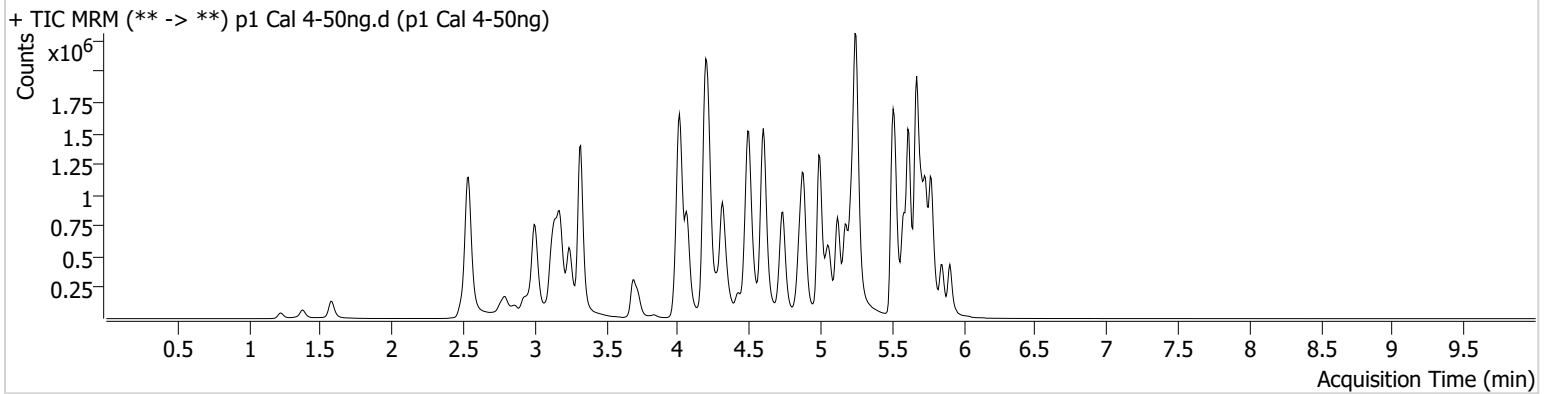


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E12 **Comment**
Injection Volume 2
Acq. Date-Time 6/5/2024 11:07:17 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	14694	363.40	71.0	275.11	79827	5.0514 ng/ml
7-aminoclonazepam	4.217	268844	2047.39	67.2	107.80	249987	56.2207 ng/ml
9-hydroxyrisperidone	4.603	44981	702.09	3269.3	2073.00	1204313	48.9752 ng/ml
a-hydroxyalprazolam	5.651	117230	185.33	65.4	354.14	83874	52.6694 ng/ml
alpha-PHP	4.888	277325	2928.02	261.9	21199.04	865657	52.6103 ng/ml
alpha-PVP	4.315	1068742	33131.02	50.1	718.40	865657	48.4928 ng/ml
Alprazolam	5.734	402149	526.70	99.8	921.80	282187	49.9593 ng/ml
Amphetamine	3.006	1498364	34130.10	48.5	919.41	424664	53.7095 ng/ml
Benzoylcegonine	3.835	20981	1711.16	37.6	203.13	15790	49.6619 ng/ml
Bromazolam	5.766	199185	1525.50	118.9	6273.16	163740	51.3888 ng/ml
Buprenorphine	5.820	22212	454.99	14.5	5146.73	159718	4.6696 ng/ml
Bupropion	4.738	1178012	24855.66	63.8	16810.41	685087	50.3184 ng/ml
Carisoprodol	5.682	413100	1007.36	70.3	352.33	408846	43.4180 ng/ml
Citalopram	5.173	779030	2402.14	33.2	327050.70	677021	48.9483 ng/ml
Clonazepam	5.570	333960	3095.89	36.4	24403.86	103320	53.5803 ng/ml
Clonazolam	5.513	250102	235525.80	38.4	159772.79	103320	53.4434 ng/ml
Cocaine	4.216	674841	310.38	54.2	10535.85	1160714	48.9116 ng/ml
Codeine	2.542	66230	110.36	94.8	512.28	64227	55.1087 ng/ml
Cyclobenzaprine	5.586	697430	58276.15	9.1	292.06	622594	47.9089 ng/ml
Dextromethorphan	5.230	478807	708.61	82.6	419.70	458139	50.7697 ng/ml
Dextrorphan	4.068	310563	310.51	201.4	566.80	707197	49.5003 ng/ml
Diazepam	5.906	312410	1502.01	89.8	1998.29	276605	51.1679 ng/ml
Dihydrocodeine	2.514	179459	285.38	70.1	44.96	215057	55.8047 ng/ml
Diphenhydramine	5.251	2218274	421.35	32.7	13897.20	2446928	48.2845 ng/ml
Doxylamine	4.497	1924951	20065.90	98.6	253.52	1739525	48.9589 ng/ml
Duloxetine	5.612	89908	94257.31	13.1	573.38	98662	52.1297 ng/ml
EDDP	5.215	525211	1158.89	41.0	10857.53	530649	48.9594 ng/ml
Etizolam	5.773	261798	3179.33	26.4	151274.31	103320	47.3021 ng/ml
Fentanyl	5.055	76294	3089.26	68.9	58451.01	767410	4.8276 ng/ml
Fluorofentanyl	5.116	194754	231.90	43.3	2613.97	7154	5.1636 ng/ml
Fluoxetine	5.673	958216	762.75	7.8	212.45	774255	49.8554 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	235933	∞	41.6	113.82	258113	51.0115 ng/ml
Hydromorphone	1.582	193592	26.02	80.8	581435.81	129937	51.0041 ng/ml
Hydroxyzine	5.670	879808	65409.02	72.0	13849.95	458139	49.1588 ng/ml
Ketamine	4.001	651239	9386.53	33.7	260.29	601760	53.5617 ng/ml
Lamotrigine	4.225	62440	18951.35	86.4	57360.94	1608972	52.3314 ng/ml
Lorazepam	5.706	224284	16753.35	59.0	861.81	410286	49.1024 ng/ml
MDA	3.147	891992	6007.57	28.7	132.03	534480	56.2871 ng/ml
MDMA	3.248	732585	5209.53	84.0	3273.86	145010	49.9516 ng/ml
Meprobamate	4.861	255239	1573.27	31.3	370.66	253405	50.4527 ng/ml
Methadone	5.618	1193432	836.23	59.4	691.84	1043675	48.3397 ng/ml
Methamphetamine	3.182	1573769	29566.42	36.8	13857.87	1042819	53.3134 ng/ml
Metoprolol	4.272	199787	191714.28	102.9	733.51	1669146	52.3633 ng/ml
Mirtazapine	4.593	1273086	63673.55	56.9	70265.67	865657	51.5334 ng/ml
Mitragynine	5.191	192769	201388.54	36.7	3560.98	1043675	48.9311 ng/ml
Morphine	1.227	34129	1083.11	35.8	337.52	7204	51.3439 ng/ml
Norbuprenorphine	4.944	3305	991.28	92.2	914.30	29573	5.1084 ng/ml
Nordiazepam	5.853	371866	828.29	53.6	11482.29	242839	51.0540 ng/ml
Norfentanyl	4.035	141034	1074.04	36.6	227.33	1242024	4.8138 ng/ml
Norhydrocodone	3.016	59484	213.29	39.0	135.14	59339	48.9879 ng/ml
Noroxycodone	2.859	149544	2137.96	51.2	629.28	106277	51.3296 ng/ml
O-desmethyl-tramadol	3.321	1712581	33601.84	5.9	433.26	1987456	48.4804 ng/ml
o-desmethylvenlafaxine	4.013	1369144	82198.01	24.7	257.86	28526	49.3977 ng/ml
Olanzapine	4.421	326874	511.37	61.8	1216.48	161710	50.8583 ng/ml
Oxazepam	5.715	375971	436.08	69.4	133.53	410286	51.8875 ng/ml
Oxycodone	2.791	374557	1147.55	32.1	396.53	311539	49.9665 ng/ml
Oxymorphone	1.379	102822	346.60	49.0	583.63	74416	51.3817 ng/ml
Phentermine	3.724	404026	5039.34	5.2	162.67	871305	54.9927 ng/ml
Promethazine	5.503	1367000	12697.55	29.6	328.76	1396177	48.3448 ng/ml
Pseudoephedrine	2.538	1787064	19715.06	17.1	37699.00	1608972	48.5053 ng/ml
Quetiapine	5.519	899156	10765.01	58.9	2012.51	238923	52.8363 ng/ml
Sertraline	5.742	353296	512.97	87.6	536.51	294649	50.4277 ng/ml
Temazepam	5.776	685114	387.16	27.7	325.71	578754	47.4902 ng/ml
Tramadol	4.197	1542053	∞	3.6	158.19	1669146	51.7600 ng/ml
Trazodone	5.116	1100493	102.17	67.7	98.25	725255	53.4695 ng/ml
Venlafaxine	4.996	1549951	125277.89	31.6	358.57	1532174	48.0808 ng/ml
Xylazine	4.035	527224	737.67	46.9	2522.65	489955	48.6556 ng/ml
Zolpidem	4.879	1249652	8140.23	28.7	3155.75	1146094	53.2050 ng/ml

AM #28 Multi-Drug Quant. Results

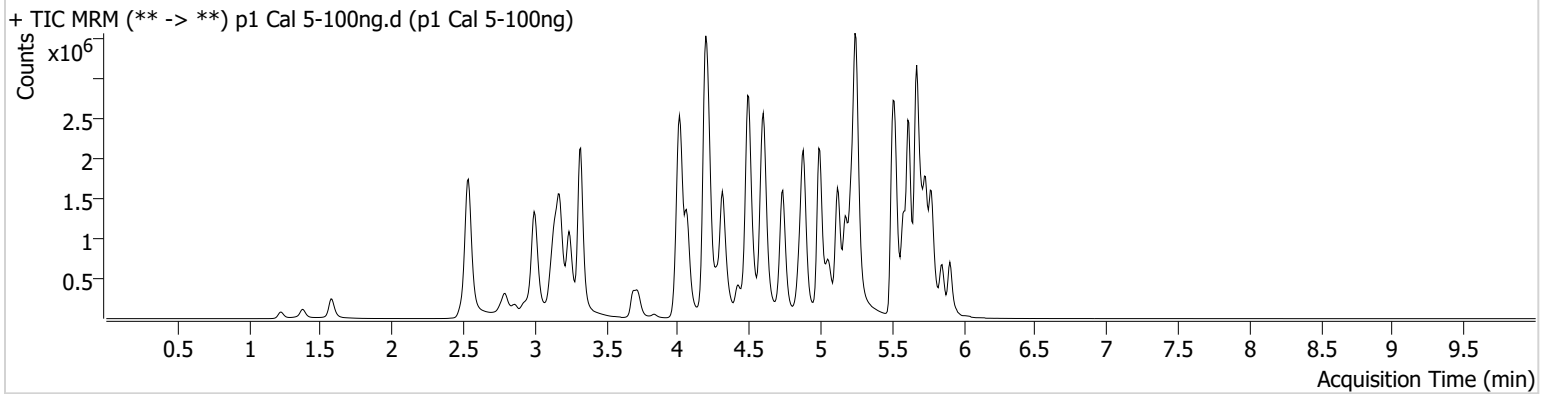


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-D12 **Comment**
Injection Volume 2
Acq. Date-Time 6/5/2024 11:17:55 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	29666	528.50	70.8	311.61	83344	9.7248 ng/ml
7-aminoclonazepam	4.217	440067	12298.94	70.5	6813.75	214999	107.7315 ng/ml
9-hydroxyrisperidone	4.603	88600	1065.46	3352.1	5820.08	1184027	97.7841 ng/ml
a-hydroxyalprazolam	5.651	208672	1250.36	60.8	175.69	76137	103.1309 ng/ml
alpha-PHP	4.888	543361	4302.05	259.7	30026.11	868843	103.1626 ng/ml
alpha-PVP	4.315	2179316	∞	50.0	14923.77	868843	98.0656 ng/ml
Alprazolam	5.728	759209	616.79	101.7	1445.02	265698	99.9400 ng/ml
Amphetamine	2.999	2737460	90.42	48.9	29394.98	426988	98.8840 ng/ml
Benzoylcegonine	3.835	43177	42085.39	39.7	2378.93	17228	93.1794 ng/ml
Bromazolam	5.766	358896	9359.95	121.4	8911.55	146732	103.3293 ng/ml
Buprenorphine	5.820	46646	39779.47	14.0	6587.40	166171	9.3566 ng/ml
Bupropion	4.738	2423879	735.00	64.5	554.56	704000	100.5508 ng/ml
Carisoprodol	5.682	742460	18522.78	67.4	320.43	328625	95.9204 ng/ml
Citalopram	5.173	1577194	2194.18	32.9	410.33	668567	99.6767 ng/ml
Clonazepam	5.570	582712	647.22	35.2	5454.49	93327	104.2257 ng/ml
Clonazolam	5.513	416768	1921.13	40.1	152616.79	93327	99.3223 ng/ml
Cocaine	4.216	1344723	3480.91	53.0	601.28	1144456	98.3787 ng/ml
Codeine	2.535	124407	335.48	93.5	143.51	62486	107.2751 ng/ml
Cyclobenzaprine	5.586	1404177	47175.40	8.9	3153.20	611174	97.5347 ng/ml
Dextromethorphan	5.230	948619	532.18	82.1	321.27	455879	100.8615 ng/ml
Dextrorphan	4.068	616888	505.67	202.1	687446.56	698086	99.3579 ng/ml
Diazepam	5.906	603504	1113.11	91.4	2916.67	275463	99.1210 ng/ml
Dihydrocodeine	2.514	339924	1248.73	71.8	314.37	221875	103.0992 ng/ml
Diphenhydramine	5.251	4418725	34449.84	32.8	103025.98	2387989	97.7822 ng/ml
Doxylamine	4.497	3994395	117575.75	96.8	68100.66	1763517	99.6741 ng/ml
Duloxetine	5.612	169549	2410.28	13.1	2105.64	96260	100.6911 ng/ml
EDDP	5.215	1068848	529.65	41.4	580.85	536486	97.9956 ng/ml
Etizolam	5.773	498786	3271.99	26.2	6314.24	93327	99.0619 ng/ml
Fentanyl	5.062	167952	806.51	67.0	54141.87	820044	9.9390 ng/ml
Fluorofentanyl	5.116	396181	14742.15	44.6	22675.00	7105	10.6481 ng/ml
Fluoxetine	5.673	1812936	1353.31	7.8	151251.20	717768	101.4978 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	476148	∞	42.7	1002.00	262074	101.5012 ng/ml
Hydromorphone	1.582	392681	381760.63	80.6	2603.11	131598	101.9244 ng/ml
Hydroxyzine	5.670	1714981	45137.33	74.3	15715.89	455879	95.6822 ng/ml
Ketamine	4.001	1272042	747.43	33.1	1697.97	600466	105.4410 ng/ml
Lamotrigine	4.225	117663	1849.71	85.4	9126.25	1563270	101.7328 ng/ml
Lorazepam	5.706	315635	1048.59	57.4	569.54	296628	96.3766 ng/ml
MDA	3.147	1586364	9044.61	28.5	4184.97	507908	106.2530 ng/ml
MDMA	3.241	1487182	6069.57	84.0	126.60	147371	99.3894 ng/ml
Meprobamate	4.861	430764	1003.77	31.7	3665.47	242513	89.2698 ng/ml
Methadone	5.618	2422028	33302.83	60.2	42591.51	1022319	99.4492 ng/ml
Methamphetamine	3.175	3008097	1424.67	36.7	884.92	1086814	104.7939 ng/ml
Metoprolol	4.272	402298	13902.65	104.8	21086.16	1726720	102.1157 ng/ml
Mirtazapine	4.587	2547572	170961.33	57.4	219.90	868843	102.9581 ng/ml
Mitragynine	5.191	398965	96353.76	36.6	183.38	1022319	102.1907 ng/ml
Morphine	1.227	72217	481.29	37.9	1685.05	7187	110.5414 ng/ml
Norbuprenorphine	4.944	6288	5687.50	102.0	519.60	30553	9.6476 ng/ml
Nordiazepam	5.853	681960	1206.14	53.0	590.80	226876	100.3539 ng/ml
Norfentanyl	4.035	260336	3709.41	37.7	∞	1132495	9.6557 ng/ml
Norhydrocodone	3.016	124675	295.37	41.1	179.95	60165	100.0088 ng/ml
Noroxycodone	2.859	289466	283.30	49.9	11202.34	106126	99.4628 ng/ml
O-desmethyl-tramadol	3.321	3520665	1802.75	5.8	2347.83	1983797	99.3570 ng/ml
o-desmethylvenlafaxine	4.013	2652851	62371.23	24.2	2419.32	27639	97.9104 ng/ml
Olanzapine	4.421	702517	363.96	60.7	2660.74	173554	101.5307 ng/ml
Oxazepam	5.708	541342	391.97	69.6	5792.53	296628	103.5460 ng/ml
Oxycodone	2.791	769431	980.70	30.9	1064.76	311616	102.4937 ng/ml
Oxymorphone	1.379	214219	230.64	48.9	1499.58	74665	106.7287 ng/ml
Phentermine	3.724	777292	2768.42	4.9	2326.85	892682	104.1172 ng/ml
Promethazine	5.503	2750107	1077.40	30.6	24399.02	1403349	96.1799 ng/ml
Pseudoephedrine	2.538	3489772	136.34	17.1	160.83	1563270	97.0625 ng/ml
Quetiapine	5.519	1734633	47409.39	59.6	21155.96	226108	107.8361 ng/ml
Sertraline	5.742	677539	896.86	85.7	203423.94	282369	100.5782 ng/ml
Temazepam	5.776	1144527	24257.32	27.2	678.55	469967	96.9784 ng/ml
Tramadol	4.197	3122994	∞	3.7	935.91	1726720	101.0726 ng/ml
Trazodone	5.116	2268274	68315.65	69.4	197985.63	761181	105.3967 ng/ml
Venlafaxine	4.989	3250181	853.03	30.6	67475.59	1554130	98.7846 ng/ml
Xylazine	4.028	1072700	199.86	47.3	207.57	478098	101.0154 ng/ml
Zolpidem	4.879	2522586	2211275.47	28.5	195.97	1179241	104.6464 ng/ml

AM #28 Multi-Drug Quant. Results

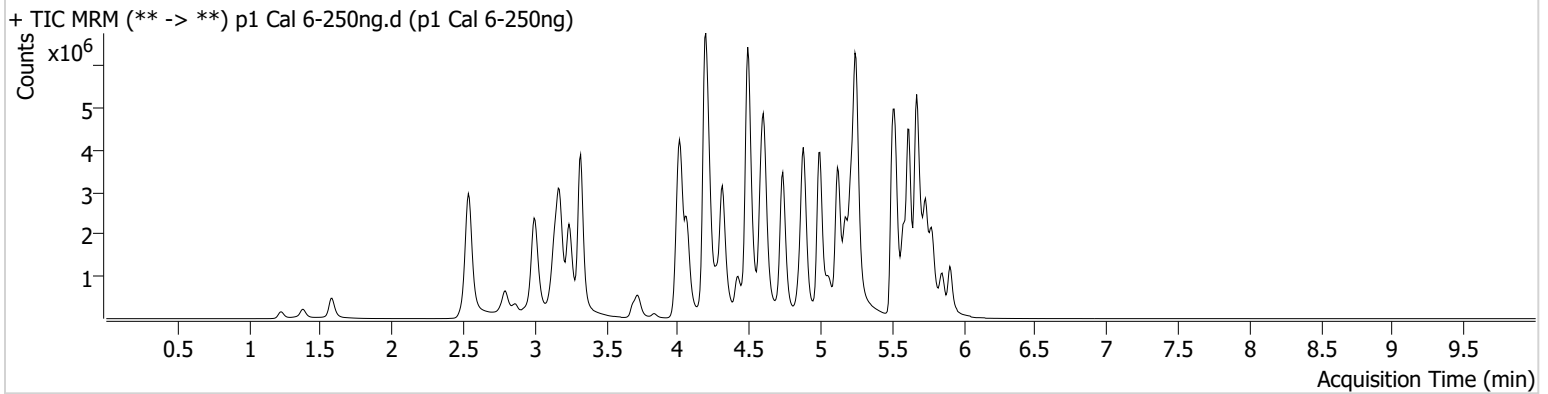


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	6/5/2024 11:28:33 PM		
Sample Info.			

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	66611	387.78	70.8	436.67	73624	24.6474 ng/ml
7-aminoclonazepam	4.217	668797	31773.98	75.4	4769.58	150842	234.3049 ng/ml
9-hydroxyrisperidone	4.603	197121	176223.50	3456.5	27517.92	1040275	247.1073 ng/ml
a-hydroxyalprazolam	5.651	329777	860.31	64.9	137.34	50901	243.5811 ng/ml
alpha-PHP	4.888	1153612	18472.08	261.6	44644.89	786802	242.5152 ng/ml
alpha-PVP	4.315	5020460	4012.20	50.5	1173.10	786802	248.7870 ng/ml
Alprazolam	5.728	1494629	502.80	99.9	993.31	206059	253.3399 ng/ml
Amphetamine	2.999	5132302	89654.37	47.7	235553.31	383762	207.9922 ng/ml
Benzoylcegonine	3.835	108944	1868.93	38.9	411.51	15694	257.1209 ng/ml
Bromazolam	5.766	622415	4800.55	121.3	14502.03	106844	246.1035 ng/ml
Buprenorphine	5.820	115331	42956.15	14.4	23109.38	149430	25.6076 ng/ml
Bupropion	4.738	5668115	1309.06	63.6	887.97	643445	256.9457 ng/ml
Carisoprodol	5.689	1145962	31873.49	67.2	7983.45	191575	252.4126 ng/ml
Citalopram	5.173	3346679	579.19	33.0	722.83	540432	260.6088 ng/ml
Clonazepam	5.570	919318	5664.84	35.2	36481.89	63974	240.8926 ng/ml
Clonazolam	5.513	614963	277008.72	40.7	20012.19	63974	214.7938 ng/ml
Cocaine	4.216	2897601	429.60	53.9	681.52	956469	252.9240 ng/ml
Codeine	2.542	234119	5501.70	95.2	495.32	52317	242.2914 ng/ml
Cyclobenzaprine	5.586	2970820	2050.44	8.5	214.37	496414	252.9515 ng/ml
Dextromethorphan	5.223	1901650	831.16	80.8	355.10	377265	244.0045 ng/ml
Dextrorphan	4.068	1320456	10019.38	200.9	1625.67	585286	253.2809 ng/ml
Diazepam	5.906	1277081	2214.66	90.0	820.10	228158	253.0186 ng/ml
Dihydrocodeine	2.514	733014	42192.98	69.6	22344.19	209380	236.5819 ng/ml
Diphenhydramine	5.251	9646691	11906.69	31.7	553.77	1973855	257.0426 ng/ml
Doxylamine	4.490	9883709	370815.44	94.6	159395.74	1661474	260.9469 ng/ml
Duloxetine	5.606	305944	4107.19	12.9	1645.92	68563	254.9784 ng/ml
EDDP	5.215	3039881	1579.92	40.9	575.06	577920	257.8234 ng/ml
Etizolam	5.773	976290	11359.21	26.1	480.03	63974	281.6766 ng/ml
Fentanyl	5.055	391769	983.35	69.8	∞	782936	24.2742 ng/ml
Fluorofentanyl	5.116	901587	30539.83	44.2	213847.20	6678	25.8750 ng/ml
Fluoxetine	5.673	3222634	29619.35	7.7	156471.41	511103	253.0116 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	1049853	∞	45.1	2358.98	248903	235.7873 ng/ml
Hydromorphone	1.582	836094	1625400.91	85.7	2324004.47	119081	239.5236 ng/ml
Hydroxyzine	5.670	3599005	278385.99	76.6	1351.72	377265	241.6499 ng/ml
Ketamine	4.001	2524467	1834.06	33.4	1750.88	538143	234.2453 ng/ml
Lamotrigine	4.232	212190	132.71	86.1	76765.51	1293841	221.9608 ng/ml
Lorazepam	5.706	372059	12545.18	59.1	566.48	150878	224.4601 ng/ml
MDA	3.140	2883016	158.29	28.1	10132.94	411776	239.4819 ng/ml
MDMA	3.241	3312803	163219.94	83.2	311.90	129186	251.9615 ng/ml
Meprobamate	4.854	733052	6624.08	31.3	814.22	199467	185.1147 ng/ml
Methadone	5.618	5389487	989.71	58.9	27546.27	884139	254.8466 ng/ml
Methamphetamine	3.175	6363941	1554.41	36.4	118.61	1035936	242.8497 ng/ml
Metoprolol	4.272	831935	152415.97	104.3	1423.49	1454812	250.9323 ng/ml
Mirtazapine	4.587	5539961	146026.66	56.8	124705.92	786802	247.5388 ng/ml
Mitragynine	5.191	876946	5687.84	35.8	335661.94	884139	258.0700 ng/ml
Morphine	1.227	150394	1328.73	35.9	362.86	6569	253.7137 ng/ml
Norbuprenorphine	4.944	14471	18178.26	91.8	9887.77	28000	24.6519 ng/ml
Nordiazepam	5.853	1234217	2372.30	53.1	60282.84	164083	251.3432 ng/ml
Norfentanyl	4.035	473949	353.07	39.1	460.27	770076	25.7047 ng/ml
Norhydrocodone	3.016	286161	123.08	41.7	503.93	52105	263.1138 ng/ml
Noroxycodone	2.866	625125	2164.06	49.3	13188.06	91374	249.4195 ng/ml
O-desmethyl-tramadol	3.321	8215069	251884.10	5.8	1052.45	1793103	255.7606 ng/ml
o-desmethylvenlafaxine	4.013	5247954	89786.38	23.8	8321.25	21115	252.1530 ng/ml
Olanzapine	4.421	1715116	11508.20	61.2	4698.16	166573	257.7801 ng/ml
Oxazepam	5.708	647682	12164.79	69.1	6482.93	150878	243.8484 ng/ml
Oxycodone	2.791	1781547	3391.17	31.0	5052.58	295680	249.9348 ng/ml
Oxymorphone	1.379	470470	∞	50.2	∞	71349	245.3381 ng/ml
Phentermine	3.724	1563857	∞	4.7	1010.86	803089	234.0461 ng/ml
Promethazine	5.503	6539277	2137.11	28.6	38583.49	1210886	264.0283 ng/ml
Pseudoephedrine	2.545	7414371	151.49	16.7	63025.35	1293841	248.4982 ng/ml
Quetiapine	5.519	3580026	76043.27	60.7	69098.52	207756	242.3721 ng/ml
Sertraline	5.742	1248565	34700.60	87.5	844.00	200558	260.4150 ng/ml
Temazepam	5.783	1666474	308.53	25.5	230.28	273100	241.9650 ng/ml
Tramadol	4.191	7045560	642.51	3.4	278.91	1454812	270.1896 ng/ml
Trazodone	5.116	4990872	98.01	71.6	140.62	726418	243.5299 ng/ml
Venlafaxine	4.996	7392480	∞	30.4	∞	1366991	254.5297 ng/ml
Xylazine	4.028	2366239	432.32	48.8	764.52	420967	252.4641 ng/ml
Zolpidem	4.879	5592514	193920.09	27.4	1352052.29	1082760	253.0597 ng/ml

AM #28 Multi-Drug Quant. Results



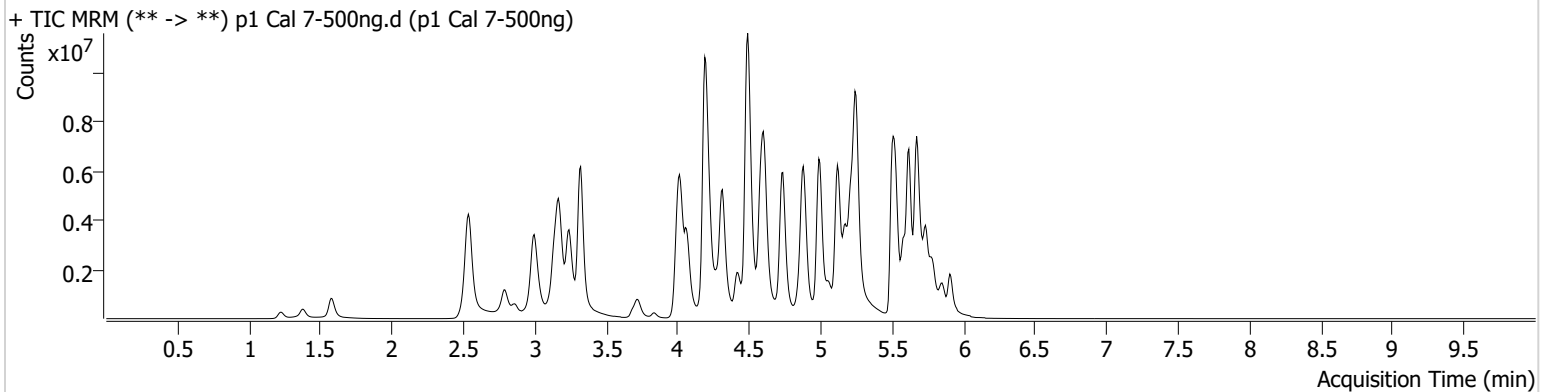
Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 6/5/2024 11:39:12 PM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.082	125589	9262.71	67.4	73141.53	67016	51.0029 ng/ml
7-aminoclonazepam	4.223	834071	5182.90	69.6	4755.22	92722	476.1984 ng/ml
9-hydroxyrisperidone	4.603	334946	2962.36	3638.1	17392.34	836917	521.5358 ng/ml
a-hydroxyalprazolam	5.644	389446	193.82	65.0	127.49	29815	490.9291 ng/ml
alpha-PHP	4.888	1788719	8859.15	262.9	135870.09	686317	431.4612 ng/ml
alpha-PVP	4.315	9118905	2635.31	50.1	140885.06	686317	517.5677 ng/ml
Alprazolam	5.728	2196791	570.16	95.8	235.82	148546	516.2838 ng/ml
Amphetamine	2.999	7487769	5592.72	48.1	360153.81	344160	339.3602 ng/ml
Benzoylcegonine	3.835	225847	520.75	38.3	1305.41	15947	524.0152 ng/ml
Bromazolam	5.766	845828	953569.04	118.3	38784.10	73720	484.7127 ng/ml
Buprenorphine	5.820	221777	347729.80	14.0	29093.96	137892	53.2893 ng/ml
Bupropion	4.738	10436332	1012.68	62.0	2018.40	604050	503.7578 ng/ml
Carisoprodol	5.689	1340772	5456.55	66.1	5942.09	105573	534.8375 ng/ml
Citalopram	5.173	5339382	30834.41	31.5	1683496.13	458292	489.7365 ng/ml
Clonazepam	5.563	1044795	690.85	35.4	1240.94	43133	406.5841 ng/ml
Clonazolam	5.513	681989	538.14	40.0	2004.38	43133	353.8545 ng/ml
Cocaine	4.216	4803831	∞	52.9	4907.74	781882	512.4697 ng/ml
Codeine	2.535	361043	10292.31	95.8	11430.61	44488	440.1638 ng/ml
Cyclobenzaprine	5.586	4857750	159997.10	8.2	264.72	395115	518.9296 ng/ml
Dextromethorphan	5.223	2898417	1220.81	81.5	9275.44	284777	492.4571 ng/ml
Dextrorphan	4.068	2208919	1459.49	207.4	2073.75	492749	503.0247 ng/ml
Diazepam	5.906	2107303	1483.27	90.9	642.11	189996	501.2258 ng/ml
Dihydrocodeine	2.507	1198176	23758.47	70.9	31379.62	200549	404.2859 ng/ml
Diphenhydramine	5.251	16054677	∞	31.6	2149.07	1603401	525.8465 ng/ml
Doxylamine	4.490	18668046	132686.71	95.3	240803.09	1564443	522.9220 ng/ml
Duloxetine	5.606	387715	1707.12	12.3	1170.07	43547	508.6739 ng/ml
EDDP	5.215	5681866	65236.91	39.5	886891.48	538885	516.2553 ng/ml
Etizolam	5.773	1551236	30231.74	26.1	19961.97	43133	662.9378 ng/ml
Fentanyl	5.055	833992	17198.06	66.6	1105151.50	756536	53.4704 ng/ml
Fluorofentanyl	5.110	1552654	23162.12	44.7	20629.02	5684	52.4208 ng/ml
Fluoxetine	5.673	4390409	751.24	7.7	292.16	361407	487.2446 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	2019355	636.25	44.6	∞	231336	488.0860 ng/ml
Hydromorphone	1.575	1633996	10272563.61	81.0	3454570.87	110895	502.4161 ng/ml
Hydroxyzine	5.670	5727568	70850.54	79.1	39282.46	284777	508.7552 ng/ml
Ketamine	3.994	4064147	92807.02	32.4	243.89	458521	443.1507 ng/ml
Lamotrigine	4.232	271764	1683.94	89.3	67151.78	1036534	354.9964 ng/ml
Lorazepam	5.706	390961	16638.34	58.5	1050.48	73578	484.6300 ng/ml
MDA	3.140	4194641	3344.78	27.7	9278.96	318754	451.0384 ng/ml
MDMA	3.241	5431370	177894.35	83.6	83847.10	105046	507.6275 ng/ml
Meprobamate	4.854	943570	383.11	31.8	2641.04	173632	273.9171 ng/ml
Methadone	5.618	9251358	2124.13	59.1	43432.33	744263	518.9920 ng/ml
Methamphetamine	3.168	10933598	82590.06	34.7	31223.14	997169	440.0520 ng/ml
Metoprolol	4.272	1320770	62344.91	103.5	852.03	1301628	445.4169 ng/ml
Mirtazapine	4.580	9468126	97739.41	55.8	261198.21	686317	485.2051 ng/ml
Mitragynine	5.191	1464688	319972.59	36.1	205.02	744263	510.9833 ng/ml
Morphine	1.227	259335	1745.30	39.2	180.88	5908	487.7553 ng/ml
Norbuprenorphine	4.944	27962	38403.25	92.8	22237.72	24944	53.8013 ng/ml
Nordiazepam	5.853	1565074	∞	53.7	9680.94	102559	510.0646 ng/ml
Norfentanyl	4.035	653084	∞	38.4	744.67	495307	54.9693 ng/ml
Norhydrocodone	3.016	507973	94.44	41.2	132.02	45551	533.0419 ng/ml
Noroxycodone	2.859	1086318	788.56	51.5	69565.81	78912	501.8415 ng/ml
O-desmethyl-tramadol	3.321	15164930	224250.76	5.6	29151.67	1610699	525.1089 ng/ml
o-desmethylvenlafaxine	4.013	7793836	210580.39	23.3	5459.38	13557	582.0865 ng/ml
Olanzapine	4.414	3275717	99141.77	61.8	8370.02	162484	504.4268 ng/ml
Oxazepam	5.708	605710	50819.89	70.0	4894.85	73578	467.8207 ng/ml
Oxycodone	2.784	3402922	8530.47	31.5	918.73	284025	496.8723 ng/ml
Oxymorphone	1.379	877307	∞	48.6	236.65	66733	489.1773 ng/ml
Phentermine	3.724	2553910	2197.13	4.7	4415.50	746990	411.6547 ng/ml
Promethazine	5.503	11201384	135710.73	29.0	16998.73	1051798	520.1060 ng/ml
Pseudoephedrine	2.538	12478675	145759.88	16.3	156.85	1036534	521.5871 ng/ml
Quetiapine	5.526	5587914	87709.33	60.2	86468.96	161764	485.9897 ng/ml
Sertraline	5.742	1746719	20371.10	87.9	31132.43	140946	518.0673 ng/ml
Temazepam	5.790	1851417	212.31	27.3	143.53	132996	551.1298 ng/ml
Tramadol	4.191	11596878	2142.98	3.6	661.16	1301628	496.8404 ng/ml
Trazodone	5.116	8757726	76432.12	74.9	91187.85	726811	427.4072 ng/ml
Venlafaxine	4.989	13674493	1399243.10	29.3	30190.96	1209029	531.7111 ng/ml
Xylazine	4.028	4140619	130347.93	49.3	30295.26	365767	508.0461 ng/ml
Zolpidem	4.879	9790518	231947.09	26.5	9995.19	994532	482.5681 ng/ml

AM #28 Multi-Drug Quant. Results

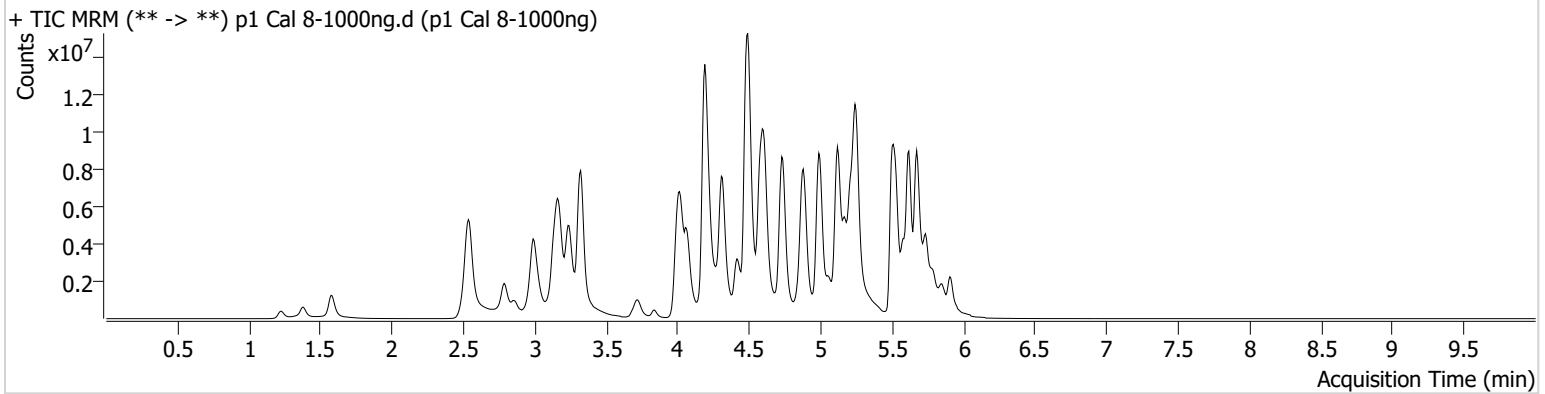


Batch results D:\MassHunter\Data\2024\AM 27 28\060424 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/10/2024 8:34:04 AM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng.d
Type Cal **Sample** p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A12 **Comment**
Injection Volume 2
Acq. Date-Time 6/5/2024 11:49:50 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.082	199892	310057.13	69.1	7246.74	54903	99.0447 ng/ml
7-aminoclonazepam	4.230	705190	124.31	78.4	6796.64	45626	818.7842 ng/ml
9-hydroxyrisperidone	4.603	504559	14739.33	3608.5	10429.56	636829	1032.1506 ng/ml
a-hydroxyalprazolam	5.644	389326	131.41	66.4	68.47	15925	918.7070 ng/ml
alpha-PHP	4.888	2433219	22824.62	262.7	48737.24	536215	751.5788 ng/ml
alpha-PVP	4.315	14255574	∞	50.1	∞	536215	1035.1655 ng/ml
Alprazolam	5.734	2866432	124.48	96.3	126.80	102068	980.2152 ng/ml
Amphetamine	2.999	9676648	108560.06	48.1	122.88	294874	512.6714 ng/ml
Benzoylcegonine	3.835	468390	674.33	37.8	968.25	16964	1021.0493 ng/ml
Bromazolam	5.766	1016693	697395.19	122.0	80152.46	43659	983.8013 ng/ml
Buprenorphine	5.820	379504	15820.06	14.0	54863.90	113483	110.7297 ng/ml
Bupropion	4.731	16612879	481157.55	63.1	17388.92	509313	950.8780 ng/ml
Carisoprodol	5.689	1382144	23143.83	66.8	2218.08	50764	1145.5444 ng/ml
Citalopram	5.166	7365929	∞	31.4	3820.35	300967	1028.0729 ng/ml
Clonazepam	5.563	1048434	2071.14	34.7	2400.62	24804	710.0679 ng/ml
Clonazolam	5.527	664405	3815.62	40.8	20106.74	24804	600.0646 ng/ml
Cocaine	4.216	6648792	1184.46	55.3	339.75	536567	1033.1031 ng/ml
Codeine	2.535	503188	99.09	97.5	3261.17	32642	836.9356 ng/ml
Cyclobenzaprine	5.586	6482372	40410.51	8.1	∞	259609	1053.2147 ng/ml
Dextromethorphan	5.223	3769314	∞	79.5	1407.76	178393	1022.1031 ng/ml
Dextrorphan	4.068	3159127	88646.59	214.6	∞	354575	999.5120 ng/ml
Diazepam	5.906	2937218	254.32	91.1	404.16	136077	975.3089 ng/ml
Dihydrocodeine	2.507	1836459	∞	67.7	19821.80	168085	739.9765 ng/ml
Diphenhydramine	5.251	21958866	518724.47	33.0	114359.76	1120808	1028.2026 ng/ml
Doxylamine	4.491	28416662	195211.88	96.0	344124.71	1308115	951.5530 ng/ml
Duloxetine	5.606	350645	1401.39	12.8	1475.94	21984	911.2207 ng/ml
EDDP	5.215	9259762	2205.79	39.4	693.19	438700	1032.9280 ng/ml
Etizolam	5.773	2140731	23895.94	26.0	48747.13	24804	1589.9987 ng/ml
Fentanyl	5.055	1465805	201103.68	68.9	20992.69	682783	104.1241 ng/ml
Fluorofentanyl	5.110	2242670	55658.20	46.8	12502.01	4488	95.9494 ng/ml
Fluoxetine	5.673	5114198	26312.94	7.6	2303.71	201404	1018.2054 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.968	2976559	1771.17	50.5	571.50	210177	791.9399 ng/ml
Hydromorphone	1.575	2706347	5820820.63	81.9	6346947.85	91769	1005.3441 ng/ml
Hydroxyzine	5.670	7858748	5129.84	78.1	7091.64	178393	1113.5797 ng/ml
Ketamine	3.987	4980931	93124.49	32.5	24815.71	362834	686.6870 ng/ml
Lamotrigine	4.232	303276	12983.83	87.2	17272.90	738526	556.1584 ng/ml
Lorazepam	5.706	424113	55407.66	58.4	288.82	34991	1106.5540 ng/ml
MDA	3.133	5388183	15406.42	27.4	25984.79	226279	817.0028 ng/ml
MDMA	3.241	8262797	946.10	82.8	1283.58	81512	994.8473 ng/ml
Meprobamate	4.848	1090619	496.72	31.7	4651.42	123665	444.7718 ng/ml
Methadone	5.618	13525317	66937.74	59.9	1286.36	538731	1047.5603 ng/ml
Methamphetamine	3.168	16179408	109897.13	34.5	363.44	890159	734.9980 ng/ml
Metoprolol	4.272	1717469	95958.64	105.0	117192.22	1032372	730.3910 ng/ml
Mirtazapine	4.580	14332198	375092.03	54.7	1059.68	536215	940.2706 ng/ml
Mitragynine	5.191	1995954	647.75	35.9	43664.21	538731	961.0322 ng/ml
Morphine	1.227	389779	8226.39	41.2	∞	5006	866.3376 ng/ml
Norbuprenorphine	4.944	45117	906.26	91.4	14796.91	21287	101.9761 ng/ml
Nordiazepam	5.853	1841531	∞	54.7	375.05	66347	927.8517 ng/ml
Norfentanyl	4.035	696815	6596.86	39.0	16186.88	222465	130.4614 ng/ml
Norhydrocodone	3.016	671021	699.30	47.3	∞	32692	980.1170 ng/ml
Noroxycodone	2.859	1730606	2746.89	51.0	360.18	64622	976.2433 ng/ml
O-desmethyl-tramadol	3.322	22904277	∞	5.9	44601.17	1274885	1001.5816 ng/ml
o-desmethylvenlafaxine	4.006	7356233	∞	30.3	143.23	8306	896.2520 ng/ml
Olanzapine	4.414	5560732	27489.30	63.5	22375.32	150073	926.8496 ng/ml
Oxazepam	5.708	595448	2496.17	69.7	8785.32	34991	967.2743 ng/ml
Oxycodone	2.784	5887634	∞	31.0	1598.16	250784	973.5088 ng/ml
Oxymorphone	1.379	1537137	∞	48.8	∞	60248	949.3819 ng/ml
Phentermine	3.724	3869429	∞	4.6	743.38	642183	726.2285 ng/ml
Promethazine	5.503	16094695	1183.01	29.1	8885.16	774877	1013.8312 ng/ml
Pseudoephedrine	2.545	17953244	210704.02	16.5	93.43	738526	1052.7875 ng/ml
Quetiapine	5.526	7589342	69613.64	63.1	47392.09	120251	888.0260 ng/ml
Sertraline	5.742	1716951	89241.30	88.8	413.93	77886	921.2860 ng/ml
Temazepam	5.790	1757000	2530.14	28.2	10658.03	65511	1061.1712 ng/ml
Tramadol	4.191	15669784	217.75	3.9	∞	1032372	846.2373 ng/ml
Trazodone	5.116	13500310	92375.50	75.7	166052.50	655214	731.1447 ng/ml
Venlafaxine	4.989	20668947	∞	30.0	787.15	936835	1036.6382 ng/ml
Xylazine	4.021	6577185	170517.30	48.9	60771.25	291671	1011.6204 ng/ml
Zolpidem	4.872	15000880	98772.49	26.5	43260.77	845333	870.1029 ng/ml