


















Worklist: 6734

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-0015	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-0433	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel Panel 1 by LC-	
M2024-0741	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0755	5	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0929	6	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0931	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0343	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0480	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-0495	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0637	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0678	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0679	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0680	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0699	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0709	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0730	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0755	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

TS

Extraction Date: 03/25/2024

Plate lot#: 231215

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

Blank Blood Lot: Lampire 23A52595

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

Analyst: Tamara Salazar

Plate Retest Date: 06/15/2024

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

## 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.
- 3. Create worklist

## Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **200-450µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate. *Transferred: 250uL*
- 7. 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)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 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 R<sup>2</sup> 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:

Amphetamine 5-500 - calibrator 8 dropped due to accuracy

Clonazepam 5-500 - calibrator 8 dropped due to accuracy

Clonazolam 5-500 - calibrator 8 dropped due to accuracy

Dihydrocodeine 5-500 - calibrator 8 dropped due to accuracy

Etizolam 5-500 - calibrator 8 dropped due to accuracy

Ketamine 5-500 - calibrator 8 dropped due to accuracy

TS

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

Methamphetamine 5-500 - calibrator 8 dropped due to accuracy

Norbuprenorphine 2.5-100 - calibrators 1 and 2 dropped due to poor response and chromatography

Phentermine 5-500 - calibrator 8 dropped due to accuracy

Trazodone 5-500 - calibrator 8 dropped due to accuracy

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2024-0929-6	P2024-0699-1								IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2024-0931-2	P2024-0709-1								IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2024-0343-2	P2024-0730-1								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2024-0495-1	P2024-0755-2							IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2024-0637-1	Neg Urine							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2024-0678-1	M2024-0015-2							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2024-0741-1	P2024-0679-1	M2024-0433-3							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2024-0755-5	P2024-0680-1	P2024-0480-1							IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS



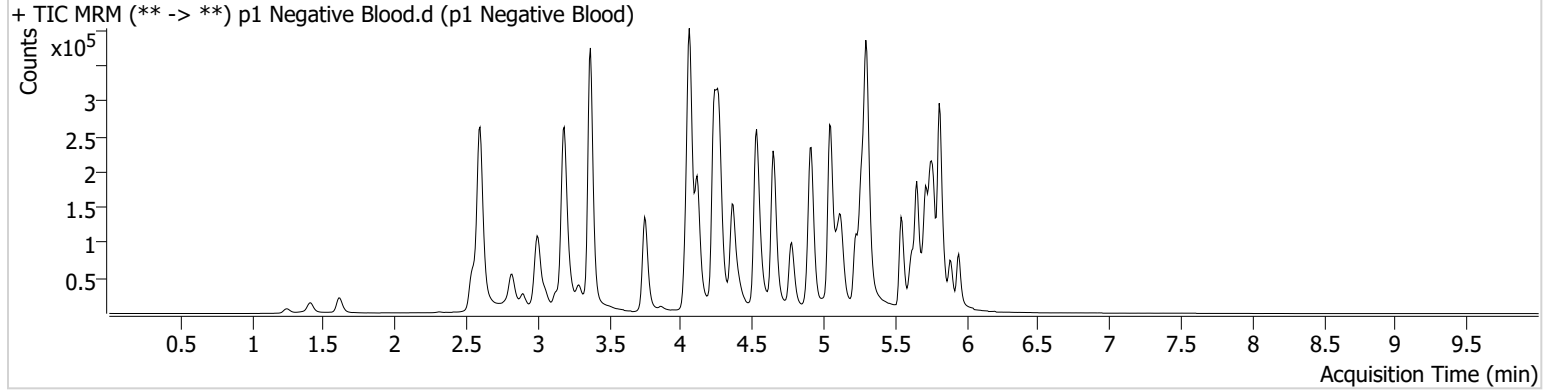
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	p1 Negative Blood
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/26/2024 12:09:49 AM		
<b>Sample Info.</b>			

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

TS

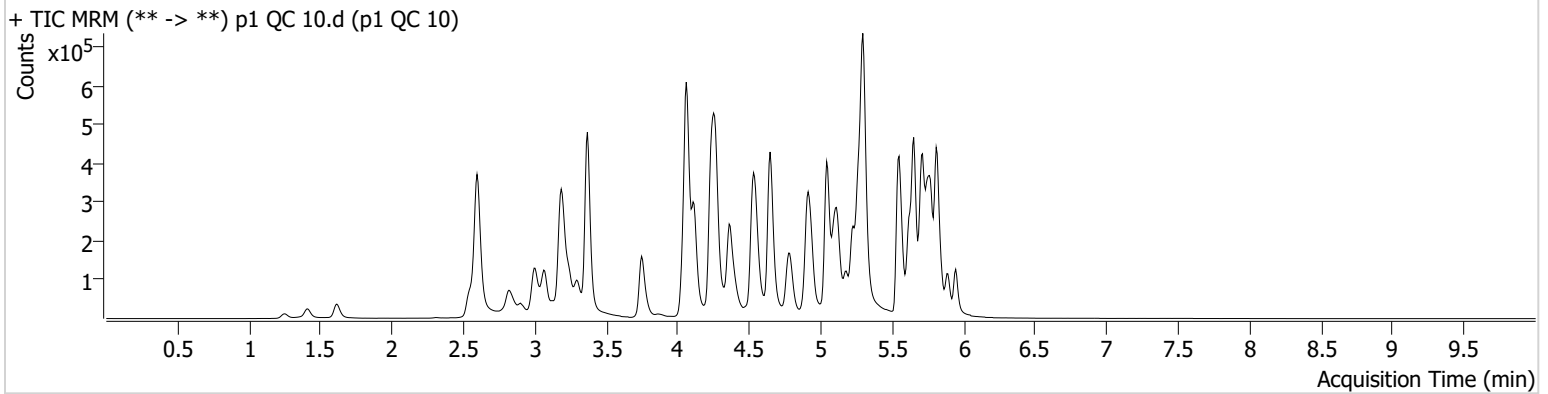


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 10.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 10
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-A2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/25/2024 11:06:03 PM		
<b>Sample Info.</b>			

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	3.136	1796	1065.85	76.9	2019.59	55373	0.9497 ng/ml
7-aminoclonazepam	4.271	22590	353.73	82.4	274.35	128927	8.8160 ng/ml
9-hydroxyrisperidone	4.651	4732	2679.57	3754.7	1500.35	802184	9.7856 ng/ml
a-hydroxyalprazolam	5.698	14989	88.59	63.8	102.39	69352	9.8923 ng/ml
alpha-PHP	4.943	30284	323.79	266.0	458.51	494417	9.4096 ng/ml
alpha-PVP	4.369	110561	243.04	46.5	80.44	494417	9.1097 ng/ml
Alprazolam	5.775	53010	757.36	113.6	388.84	250012	9.5366 ng/ml
Amphetamine	3.074	196139	327.97	46.1	309.89	267344	9.8400 ng/ml
Benzoylcegonine	3.889	2827	1729.07	34.7	33.59	10720	8.9467 ng/ml
Bromazolam	5.814	26434	19528.29	117.4	10529.70	129484	9.2832 ng/ml
Buprenorphine	5.861	3037	92.94	15.8	499.39	106569	0.9777 ng/ml
Bupropion	4.792	112075	3134.22	69.9	120.67	338373	9.1504 ng/ml
Carisoprodol	5.723	66596	57.82	59.8	768.36	296621	9.2797 ng/ml
Citalopram	5.227	86265	605.27	34.9	97.22	416641	9.2207 ng/ml
Clonazepam	5.611	54482	15686.08	37.3	10190.31	82383	9.9317 ng/ml
Clonazolam	5.554	44701	36300.48	34.5	18898.51	82383	9.8608 ng/ml
Cocaine	4.264	73709	438.93	57.4	279.98	677990	9.5038 ng/ml
Codeine	2.596	7948	39030.30	115.5	579.47	52216	8.8221 ng/ml
Cyclobenzaprine	5.627	72514	9120.51	9.1	140.88	367875	9.1814 ng/ml
Dextromethorphan	5.284	51122	2259.15	89.0	2953.42	285581	9.0003 ng/ml
Dextrorphan	4.116	36528	99.57	216.1	338.77	483220	9.2989 ng/ml
Diazepam	5.954	35635	292.21	96.0	158.50	173738	9.6898 ng/ml
Dihydrocodeine	2.575	24740	19741.70	60.4	13315.94	151306	9.7642 ng/ml
Diphenhydramine	5.305	214632	369.88	29.8	8163.75	1350536	8.0694 ng/ml
Doxylamine	4.545	208629	343.84	100.7	1451.42	984463	9.7690 ng/ml
Duloxetine	5.647	7812	731.84	11.8	858.89	48461	9.1327 ng/ml
EDDP	5.270	96080	165.88	43.2	2299.55	529118	9.3801 ng/ml
Etizolam	5.814	33961	22035.97	23.5	7551.33	82383	9.5731 ng/ml
Fentanyl	5.110	8291	75.10	79.9	55.04	474942	0.9578 ng/ml
Fluorofentanyl	5.164	20581	479.97	40.1	7060.20	3541	1.0051 ng/ml
Fluoxetine	5.707	86283	177.28	7.7	10402.34	334444	9.4619 ng/ml

TS

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	32125	73.44	36.1	40.27	186784	9.1090 ng/ml
Hydromorphone	1.622	25056	9653.40	74.7	35375.40	83306	9.7167 ng/ml
Hydroxyzine	5.711	91797	3080.55	70.6	25925.64	285581	9.7991 ng/ml
Ketamine	4.056	77140	493.09	36.7	84.04	322149	9.9305 ng/ml
Lamotrigine	4.287	7625	83.25	75.6	8503.07	967040	9.8078 ng/ml
Lorazepam	5.747	48475	413.09	53.5	81.49	357550	9.9025 ng/ml
MDA	3.208	117610	171.80	34.5	549.13	404930	10.6706 ng/ml
MDMA	3.302	73777	1805.29	92.6	154.68	89146	9.2775 ng/ml
Meprobamate	4.916	30815	110.28	36.2	180.80	145376	9.9354 ng/ml
Methadone	5.652	151903	450.66	50.5	3524.17	638763	9.3345 ng/ml
Methamphetamine	3.243	168424	2151.74	38.7	776.16	618694	9.9295 ng/ml
Metoprolol	4.326	22022	15707.19	100.8	226.46	866120	9.7832 ng/ml
Mirtazapine	4.648	155256	406.55	51.6	250.68	494417	9.7915 ng/ml
Mitragynine	5.245	34434	28455.56	35.6	8035.78	638763	10.0364 ng/ml
Morphine	1.254	5498	151.85	24.5	70.28	9961	10.1602 ng/ml
Norbuprenorphine	4.999	464	220.21	93.6	347.38	21501	1.3474 ng/ml
Nordiazepam	5.894	41143	322.38	58.2	830.68	137883	9.7886 ng/ml
Norfentanyl	4.083	17377	63.08	35.9	42.42	834542	0.9690 ng/ml
Norhydrocodone	3.070	6073	55.40	39.7	23.54	47705	8.2770 ng/ml
Noroxycodone	2.920	23086	304.05	46.3	172.12	79061	10.2376 ng/ml
O-desmethyl-tramadol	3.376	173105	622.38	5.3	199.37	1102391	9.4021 ng/ml
o-desmethylvenlafaxine	4.068	236105	2732.04	16.9	286.29	20763	10.0603 ng/ml
Olanzapine	4.482	24291	429.20	51.1	341.61	59272	10.2176 ng/ml
Oxazepam	5.756	66518	111.28	72.1	406.38	357550	9.9170 ng/ml
Oxycodone	2.852	56716	496.37	28.4	409.89	233424	9.8069 ng/ml
Oxymorphone	1.413	16877	526.05	46.4	152.19	63372	9.5244 ng/ml
Phentermine	3.785	39769	120.47	8.8	54.60	464531	9.6697 ng/ml
Promethazine	5.550	124539	121.45	31.6	488.05	658176	9.8526 ng/ml
Pseudoephedrine	2.606	214377	3499.98	16.8	437.15	967040	9.7401 ng/ml
Quetiapine	5.560	123778	6326.18	55.2	422.20	165370	10.5117 ng/ml
Sertraline	5.776	25261	257.13	100.2	388.55	119389	9.9974 ng/ml
Temazepam	5.817	115954	196.25	26.8	54.26	543324	9.7444 ng/ml
Tramadol	4.245	157535	266.00	3.5	24.95	866120	9.7680 ng/ml
Trazodone	5.177	153856	4060.40	55.1	122.43	474611	10.4852 ng/ml
Venlafaxine	5.044	145893	833.26	38.0	96.07	895041	9.4388 ng/ml
Xylazine	4.090	65499	386.26	42.3	251.09	343336	9.2917 ng/ml
Zolpidem	4.934	163678	834.39	28.0	444.87	676335	9.7285 ng/ml

# AM #28 Multi-Drug Quant. Results

TS

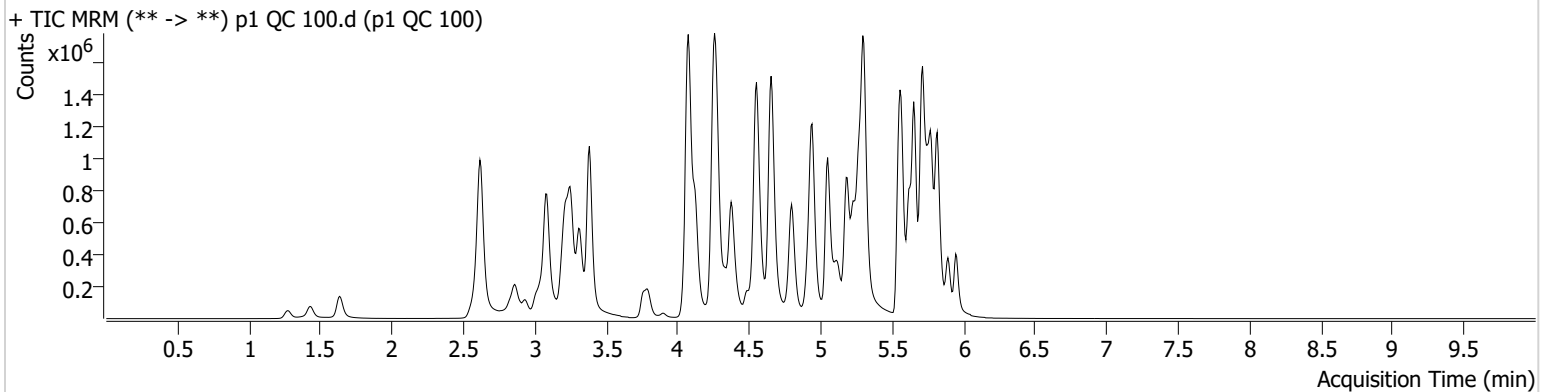


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**Instrument** Falco (069901) **Data File** p1 QC 100.d  
**Type** QC **Sample** p1 QC 100  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-B2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/26/2024 7:14:47 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	3.143	17195	31972.13	76.8	14900.90	52321	9.1011 ng/ml
7-aminoclonazepam	4.278	233063	71914.71	76.2	7812.17	114056	102.2005 ng/ml
9-hydroxyrisperidone	4.658	45230	59351.94	3752.6	2996.50	724415	96.4381 ng/ml
a-hydroxyalprazolam	5.698	121075	125.87	67.8	642.79	58549	102.4566 ng/ml
alpha-PHP	4.943	275764	9885.08	256.6	15632.45	437089	101.5229 ng/ml
alpha-PVP	4.376	1017985	22604.40	49.9	12341.70	437089	91.3377 ng/ml
Alprazolam	5.775	490310	598.49	113.1	3510.42	221926	92.3088 ng/ml
Amphetamine	3.087	1666128	281.52	45.3	190.57	246579	100.1020 ng/ml
Benzoylcegonine	3.896	29731	3393.66	35.3	276.16	11162	91.7991 ng/ml
Bromazolam	5.814	231767	191909.55	116.9	180.65	108833	97.3423 ng/ml
Buprenorphine	5.867	26182	46078.35	14.2	58.85	91276	9.7169 ng/ml
Bupropion	4.799	1051114	15915.01	69.5	11620.17	315296	90.2612 ng/ml
Carisoprodol	5.723	550338	11716.79	61.6	7714.47	240440	89.1061 ng/ml
Citalopram	5.227	770076	47417.94	34.7	20415.55	356385	89.4300 ng/ml
Clonazepam	5.611	473583	809.72	36.2	1113.47	73086	102.3165 ng/ml
Clonazolam	5.554	374511	399297.40	36.1	58936.64	73086	98.1415 ng/ml
Cocaine	4.271	699903	44925.60	55.0	589.25	605877	99.3482 ng/ml
Codeine	2.610	80284	74.35	103.8	11957.98	46114	104.3390 ng/ml
Cyclobenzaprine	5.627	725628	306.65	8.3	70410.90	345957	93.3375 ng/ml
Dextromethorphan	5.284	486718	18126.85	82.4	13967.85	252547	92.1640 ng/ml
Dextrorphan	4.123	333033	1162.75	211.1	528.27	421288	93.7885 ng/ml
Diazepam	5.954	341111	174.07	94.1	730.34	159096	98.9536 ng/ml
Dihydrocodeine	2.588	231651	221.72	63.9	267.49	147041	97.9210 ng/ml
Diphenhydramine	5.305	2022057	28073.72	30.2	16137.13	1204045	80.2183 ng/ml
Doxylamine	4.552	2044812	19698.29	98.6	139835.82	921325	95.5518 ng/ml
Duloxetine	5.647	76410	7883.81	13.4	493.22	47413	88.2265 ng/ml
EDDP	5.270	798497	28200.62	41.8	30793.28	434549	91.6156 ng/ml
Etizolam	5.814	297317	15637.55	24.5	79169.42	73086	84.5549 ng/ml
Fentanyl	5.110	78891	2568.03	79.8	87032.68	448788	9.3623 ng/ml
Fluorofentanyl	5.171	203918	1167.49	39.4	72787.35	3564	9.6654 ng/ml
Fluoxetine	5.707	804150	14018.65	7.7	73518.25	303507	94.7594 ng/ml



TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.043	314342	1739.01	32.8	348.42	175979	97.6827 ng/ml
Hydromorphone	1.636	241967	794877.19	74.1	6035.25	80542	95.2217 ng/ml
Hydroxyzine	5.711	818065	126934.82	74.6	17440.81	252547	95.1312 ng/ml
Ketamine	4.062	687406	228.53	36.5	240.03	300536	98.4808 ng/ml
Lamotrigine	4.293	66821	7294.99	85.1	99496.83	856525	103.2164 ng/ml
Lorazepam	5.747	283029	1907.31	57.7	214.40	243186	94.4229 ng/ml
MDA	3.221	949791	2121.78	34.2	1654.96	344116	106.2793 ng/ml
MDMA	3.316	700122	5629.83	94.3	416.88	83123	91.6106 ng/ml
Meprobamate	4.923	258089	163.05	34.1	1468.47	130668	95.3854 ng/ml
Methadone	5.659	1377540	36270.38	50.4	25404.87	548688	92.7239 ng/ml
Methamphetamine	3.256	1502839	239.84	38.4	296.40	583702	98.6183 ng/ml
Metoprolol	4.333	207408	271806.21	101.4	41474.34	823952	99.0649 ng/ml
Mirtazapine	4.648	1444640	1167556.90	49.6	20988.31	437089	102.8970 ng/ml
Mitragynine	5.245	310013	279060.26	37.9	163350.61	548688	103.4980 ng/ml
Morphine	1.274	49311	278.90	24.6	373.08	9031	100.9664 ng/ml
Norbuprenorphine	4.999	3648	3851.11	96.6	55.51	20169	10.2054 ng/ml
Nordiazepam	5.894	363115	1206.15	57.5	157.07	122127	99.6865 ng/ml
Norfentanyl	4.090	157485	4723.83	36.9	2174.86	715708	9.4975 ng/ml
Norhydrocodone	3.084	71367	255.65	37.7	287.07	43803	89.7798 ng/ml
Noroxycodone	2.934	205392	3327.72	47.3	157.35	69678	102.7163 ng/ml
O-desmethyl-tramadol	3.383	1705986	118906.29	5.5	235.59	1051901	92.8907 ng/ml
o-desmethylvenlafaxine	4.075	2201147	8956.63	16.8	1695.45	18343	98.4506 ng/ml
Olanzapine	4.482	276464	331.39	53.3	2113.10	66816	98.3275 ng/ml
Oxazepam	5.756	467510	8274.71	73.0	3359.75	243186	105.3914 ng/ml
Oxycodone	2.859	536412	1057.41	29.2	912.25	220681	97.2366 ng/ml
Oxymorphone	1.433	147953	∞	48.5	263.70	58748	91.1848 ng/ml
Phentermine	3.799	376263	787.36	7.8	127.82	431770	101.9082 ng/ml
Promethazine	5.550	1188376	1499755.69	32.8	422.14	628053	94.4032 ng/ml
Pseudoephedrine	2.626	1993535	49436.59	17.0	129.62	856525	95.9937 ng/ml
Quetiapine	5.567	1063862	63390.97	58.8	129061.29	154162	98.1834 ng/ml
Sertraline	5.776	253930	403.24	95.4	839.94	111918	100.1967 ng/ml
Temazepam	5.817	918395	22141.58	27.1	205.53	403923	99.5414 ng/ml
Tramadol	4.252	1559488	271.92	3.1	82.67	823952	99.0107 ng/ml
Trazodone	5.184	1389527	188606.55	61.4	617425.98	460128	100.5992 ng/ml
Venlafaxine	5.051	1354826	16402.35	39.5	310.69	811526	90.6108 ng/ml
Xylazine	4.090	603314	644726.04	45.2	3733.65	300976	93.7201 ng/ml
Zolpidem	4.941	1574274	2307.66	27.9	4396.31	631952	101.7867 ng/ml

# AM #28 Multi-Drug Quant. Results

TS

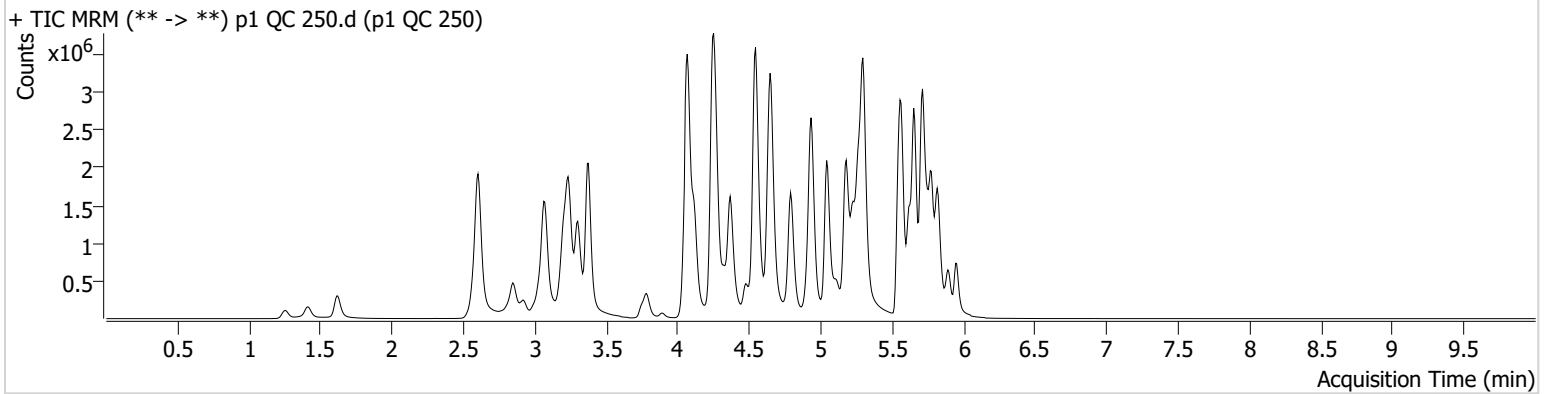


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**Instrument** Falco (069901) **Data File** p1 QC 250.d  
**Type** QC **Sample** p1 QC 250  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-C2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 11:27:17 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	3.136	43266	72590.53	71.9	64506.40	50121	23.8117 ng/ml
7-aminoclonazepam	4.271	463113	5696.51	73.7	3871.50	87995	263.1321 ng/ml
9-hydroxyrisperidone	4.651	111140	4308.81	3861.5	13913.38	713026	239.6405 ng/ml
a-hydroxyalprazolam	5.692	215493	115.24	68.3	845.78	42857	250.4293 ng/ml
alpha-PHP	4.943	646143	10508.65	257.0	2589.63	437286	238.4354 ng/ml
alpha-PVP	4.369	2584257	34140.71	50.1	15008.18	437286	231.1877 ng/ml
Alprazolam	5.775	1027759	324.03	111.8	6243.76	178204	239.7575 ng/ml
Amphetamine	3.074	3465686	4601.02	45.7	79728.37	235652	219.2333 ng/ml
Benzoylcegonine	3.889	74844	465.93	37.2	1774.61	10595	243.7179 ng/ml
Bromazolam	5.814	424424	65320.25	120.3	5348.62	84981	228.3623 ng/ml
Buprenorphine	5.867	66497	158509.72	14.9	151.92	92416	24.3542 ng/ml
Bupropion	4.792	2628970	164186.67	69.5	100961.18	312850	227.2114 ng/ml
Carisoprodol	5.730	989196	7847.73	60.6	∞	166051	230.9548 ng/ml
Citalopram	5.227	1868158	14734.86	34.2	400.35	339440	226.6671 ng/ml
Clonazepam	5.611	817576	15024.23	36.1	16052.78	52838	245.1146 ng/ml
Clonazolam	5.554	669103	623505.71	36.7	249566.60	52838	243.4076 ng/ml
Cocaine	4.264	1677495	59183.96	56.6	555.92	588429	244.9246 ng/ml
Codeine	2.589	165209	114.37	106.0	7547.84	43308	229.0159 ng/ml
Cyclobenzaprine	5.627	1697085	190224.21	7.9	304.75	312674	240.8149 ng/ml
Dextromethorphan	5.277	1157530	25163.90	79.5	50055.80	242424	227.6244 ng/ml
Dextrorphan	4.116	791351	632.88	212.0	553.62	388946	240.8168 ng/ml
Diazepam	5.954	738414	2182.62	91.1	3196.60	137547	247.3959 ng/ml
Dihydrocodeine	2.568	544237	333.27	63.6	1142.47	148941	227.7067 ng/ml
Diphenhydramine	5.298	4919359	39875.89	30.1	77947.41	1150458	203.4325 ng/ml
Doxylamine	4.545	5365585	149121.76	97.5	77482.66	928100	247.7527 ng/ml
Duloxetine	5.647	160822	6447.35	12.7	1157.23	38167	230.1228 ng/ml
EDDP	5.263	1937807	32180.50	41.9	8917.93	413850	232.8934 ng/ml
Etizolam	5.814	605367	4663.90	25.3	442.50	52838	236.1070 ng/ml
Fentanyl	5.110	195188	1125.29	80.1	277.97	434154	23.8959 ng/ml
Fluorofentanyl	5.164	495878	11338.36	39.1	8629.26	3648	22.9278 ng/ml
Fluoxetine	5.707	1645200	55400.81	7.5	6231.76	254358	230.9521 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	755332	628.62	34.2	124.57	168647	245.4217 ng/ml
Hydromorphone	1.622	587054	3815548.10	74.8	1524823.36	77754	238.9999 ng/ml
Hydroxyzine	5.711	1930338	18375.05	79.1	952164.79	242424	233.2680 ng/ml
Ketamine	4.056	1559443	2269.58	36.2	634.05	296787	226.7847 ng/ml
Lamotrigine	4.287	144415	7228.87	89.5	14667.16	786103	243.9986 ng/ml
Lorazepam	5.747	405096	11111.83	54.1	1241.87	145438	227.7070 ng/ml
MDA	3.208	1961557	3485.40	33.4	2601.88	296293	255.7229 ng/ml
MDMA	3.302	1705858	6192.22	95.2	31465.75	79690	232.3527 ng/ml
Meprobamate	4.916	474410	10403.63	33.6	3307.99	114466	200.5216 ng/ml
Methadone	5.652	3497958	106108.87	47.5	1058.68	519424	247.6922 ng/ml
Methamphetamine	3.243	3663575	34447.67	37.8	11549.00	589960	238.6440 ng/ml
Metoprolol	4.326	496450	2666.52	102.9	123481.71	752715	259.9635 ng/ml
Mirtazapine	4.641	3499033	106735.50	49.5	53320.56	437286	249.0884 ng/ml
Mitragynine	5.239	716663	21313.20	36.5	829.17	519424	252.4800 ng/ml
Morphine	1.254	122520	253.35	24.0	162.46	9223	245.7280 ng/ml
Norbuprenorphine	4.999	8615	9761.50	104.9	5710.45	19771	24.3818 ng/ml
Nordiazepam	5.894	697439	413.48	59.6	20979.74	96642	242.3030 ng/ml
Norfentanyl	4.083	336132	81655.28	37.8	456.64	593705	24.3148 ng/ml
Norhydrocodone	3.070	183489	737.43	39.2	105.72	41643	240.4707 ng/ml
Noroxycodone	2.920	475784	6223.37	47.6	14884.76	65273	253.8937 ng/ml
O-desmethyl-tramadol	3.376	4214279	∞	5.6	908.14	1016313	236.7985 ng/ml
o-desmethylvenlafaxine	4.068	4841697	266913.95	17.1	3340.66	16433	240.5447 ng/ml
Olanzapine	4.475	781617	365.33	53.7	1042.05	74391	248.8679 ng/ml
Oxazepam	5.756	685773	5304.45	70.6	3447.22	145438	258.9507 ng/ml
Oxycodone	2.845	1313014	1454.60	29.4	3079.69	217371	241.4933 ng/ml
Oxymorphone	1.413	360854	∞	47.2	∞	59110	221.2248 ng/ml
Phentermine	3.785	859059	264.64	7.5	1974.29	428687	234.8358 ng/ml
Promethazine	5.544	2862867	1533.11	32.3	578.39	581511	244.8914 ng/ml
Pseudoephedrine	2.606	4750437	162.16	16.5	121498.08	786103	248.1837 ng/ml
Quetiapine	5.567	2584186	171056.62	59.5	30299.70	149851	245.5866 ng/ml
Sertraline	5.776	523023	21415.00	96.1	436.13	95121	241.7924 ng/ml
Temazepam	5.824	1513746	17984.08	26.8	2755.24	267396	247.1808 ng/ml
Tramadol	4.245	3622473	∞	3.8	227.55	752715	251.3217 ng/ml
Trazodone	5.177	3240622	6555433.69	64.9	531771.83	445171	242.9935 ng/ml
Venlafaxine	5.044	3555736	2471.28	37.0	1464.95	785875	244.4480 ng/ml
Xylazine	4.083	1447536	48935.26	47.9	28883.54	279245	241.7093 ng/ml
Zolpidem	4.934	3825647	197.81	27.4	797102.17	646866	241.8924 ng/ml

# AM #28 Multi-Drug Quant. Results

TS

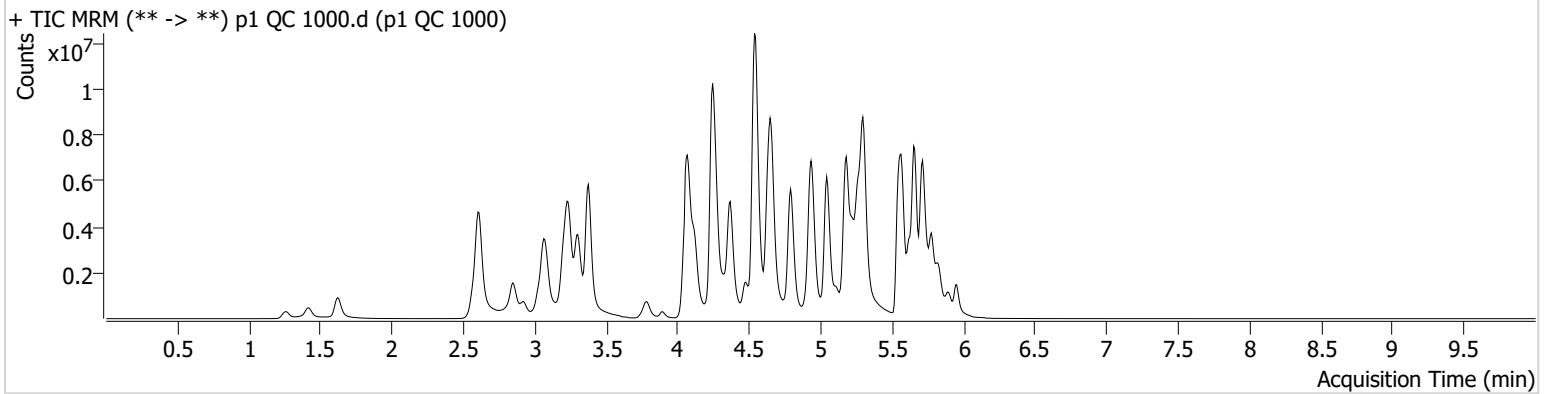


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 1000.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 1000
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-D2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/25/2024 11:48:33 PM		
<b>Sample Info.</b>			

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	3.136	146377	598740.19	71.4	159409.07	41650	96.7698 ng/ml
7-aminoclonazepam	4.271	624574	3678.41	75.0	1466.42	32660	955.9712 ng/ml
9-hydroxyrisperidone	4.651	352198	277962.62	4175.3	27718.56	553393	976.1759 ng/ml
a-hydroxyalprazolam	5.692	296243	101.35	68.9	∞	16808	880.1284 ng/ml
alpha-PHP	4.943	1786207	19774.91	265.7	81473.40	380434	758.7131 ng/ml
alpha-PVP	4.369	9246065	321994.17	51.6	55818.55	380434	949.5927 ng/ml
Alprazolam	5.775	2238241	2100.53	108.1	355.56	97311	953.9459 ng/ml
Amphetamine	3.067	8455436	141713.87	45.5	105931.07	188058	672.6167 ng/ml
Benzoylcegonine	3.889	334666	10618.91	36.3	708.83	11502	1004.3980 ng/ml
Bromazolam	5.814	790119	330485.22	120.4	796.03	38955	927.5753 ng/ml
Buprenorphine	5.867	234208	224543.51	15.2	26169.11	75552	104.8787 ng/ml
Bupropion	4.792	9867779	146380.21	68.1	73457.33	292697	910.9401 ng/ml
Carisoprodol	5.730	1584729	78961.72	58.1	11700.16	57403	1068.1313 ng/ml
Citalopram	5.220	5301002	104089.91	34.1	1200327.98	231309	941.5728 ng/ml
Clonazepam	5.611	941857	1120.29	36.6	1479.39	20562	726.7253 ng/ml
Clonazolam	5.554	749872	24404.76	39.5	1772.47	20562	702.0962 ng/ml
Cocaine	4.264	5028689	6306.06	57.1	265933.58	421183	1025.2253 ng/ml
Codeine	2.589	433236	80252.22	96.7	10896.88	30654	849.3659 ng/ml
Cyclobenzaprine	5.627	5246292	1160.93	7.2	1169.49	215646	1077.8254 ng/ml
Dextromethorphan	5.277	3259978	41505.27	77.3	340685.14	170222	911.5208 ng/ml
Dextrorphan	4.116	2398324	7656.83	214.8	73725.80	284902	995.2228 ng/ml
Diazepam	5.954	1673213	149.05	91.6	5293.75	79983	963.3333 ng/ml
Dihydrocodeine	2.568	1662227	37474.24	63.9	37291.97	136048	762.4179 ng/ml
Diphenhydramine	5.305	15608161	129108.32	30.7	35255.43	873340	848.5793 ng/ml
Doxylamine	4.538	21176120	236068.79	94.8	355319.72	861868	1050.6171 ng/ml
Duloxetine	5.647	339455	5861.89	13.4	1764.90	20045	923.8121 ng/ml
EDDP	5.263	6557899	61341.42	40.6	784.06	337341	965.7653 ng/ml
Etizolam	5.814	1534457	16830.73	25.2	264859.05	20562	1531.7146 ng/ml
Fentanyl	5.110	906119	375.57	72.5	481.70	449596	107.0126 ng/ml
Fluorofentanyl	5.164	1764412	15110.00	40.1	720549.16	3334	89.1808 ng/ml
Fluoxetine	5.707	3832920	90799.25	7.5	186279.66	152967	893.9618 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	2660555	3515.43	37.1	∞	160938	906.7503 ng/ml
Hydromorphone	1.622	2065762	5550915.03	75.4	8121554.55	68339	956.2631 ng/ml
Hydroxyzine	5.711	5717141	138088.75	82.2	13301.71	170222	982.6390 ng/ml
Ketamine	4.048	4022287	105536.28	35.5	913.03	243108	715.0164 ng/ml
Lamotrigine	4.293	316699	106.49	89.7	109.28	565848	744.7866 ng/ml
Lorazepam	5.747	501188	7821.50	51.5	59.07	37884	1086.1833 ng/ml
MDA	3.201	4303271	72668.55	31.4	20654.83	195497	851.5874 ng/ml
MDMA	3.302	5204122	307777.59	94.1	137851.38	59403	949.9923 ng/ml
Meprobamate	4.909	827733	56637.69	32.6	4774.35	79228	505.9840 ng/ml
Methadone	5.659	11648664	131193.56	48.2	1080.34	429769	995.0802 ng/ml
Methamphetamine	3.236	11706592	136371.22	37.7	60718.35	587523	766.9563 ng/ml
Metoprolol	4.326	1347299	652592.95	102.4	612906.76	657294	808.4495 ng/ml
Mirtazapine	4.634	11030013	126828.95	47.8	105140.38	380434	902.4983 ng/ml
Mitragynine	5.239	2099985	125388.18	36.2	578327.84	429769	893.7070 ng/ml
Morphine	1.261	391675	365.90	23.8	5049.69	7763	933.3905 ng/ml
Norbuprenorphine	4.999	30912	121.87	103.7	31097.37	17280	99.6373 ng/ml
Nordiazepam	5.900	1128271	4926.93	58.7	6461.20	37362	1014.6863 ng/ml
Norfentanyl	4.090	644585	60087.94	39.0	675.32	230150	119.9756 ng/ml
Norhydrocodone	3.070	640758	649.02	39.9	126.06	32292	1078.1318 ng/ml
Noroxycodone	2.920	1478658	∞	48.3	1189.82	52729	976.5693 ng/ml
O-desmethyl-tramadol	3.376	15494044	1432781.94	5.6	1387627.14	889021	993.8106 ng/ml
o-desmethylvenlafaxine	4.068	10948481	262832.05	17.4	7656.20	9109	978.7835 ng/ml
Olanzapine	4.475	2613343	5309.84	57.3	861.41	61300	1008.1567 ng/ml
Oxazepam	5.749	629446	2741.64	76.9	15.52	37884	913.2481 ng/ml
Oxycodone	2.845	4859917	26923.06	29.4	3418.05	204972	947.6368 ng/ml
Oxymorphone	1.413	1267524	1499.19	49.0	338.36	54239	847.2274 ng/ml
Phentermine	3.785	2370797	∞	7.2	3690.29	384458	723.4352 ng/ml
Promethazine	5.544	10159908	3896.96	30.7	1247.84	485882	1038.6462 ng/ml
Pseudoephedrine	2.613	14171128	89.03	16.4	189.38	565848	1026.4719 ng/ml
Quetiapine	5.567	7185472	80188.97	61.0	73403.86	108080	947.2197 ng/ml
Sertraline	5.776	1386417	1164.12	94.5	1893404.84	61608	987.3604 ng/ml
Temazepam	5.831	1929096	886.78	26.1	44.17	75386	1115.7626 ng/ml
Tramadol	4.238	11515241	234.51	3.7	312.52	657294	914.1506 ng/ml
Trazodone	5.177	10660150	292273.98	71.1	438431.04	472252	754.2368 ng/ml
Venlafaxine	5.044	12941249	42179.19	34.2	3656.54	659270	1058.3395 ng/ml
Xylazine	4.076	4767088	203819.47	50.3	30747.03	223659	992.5585 ng/ml
Zolpidem	4.934	12596652	3176.69	26.1	3531.96	594332	867.3354 ng/ml

TS

# AM #28 Multi-Drug Quant. Results



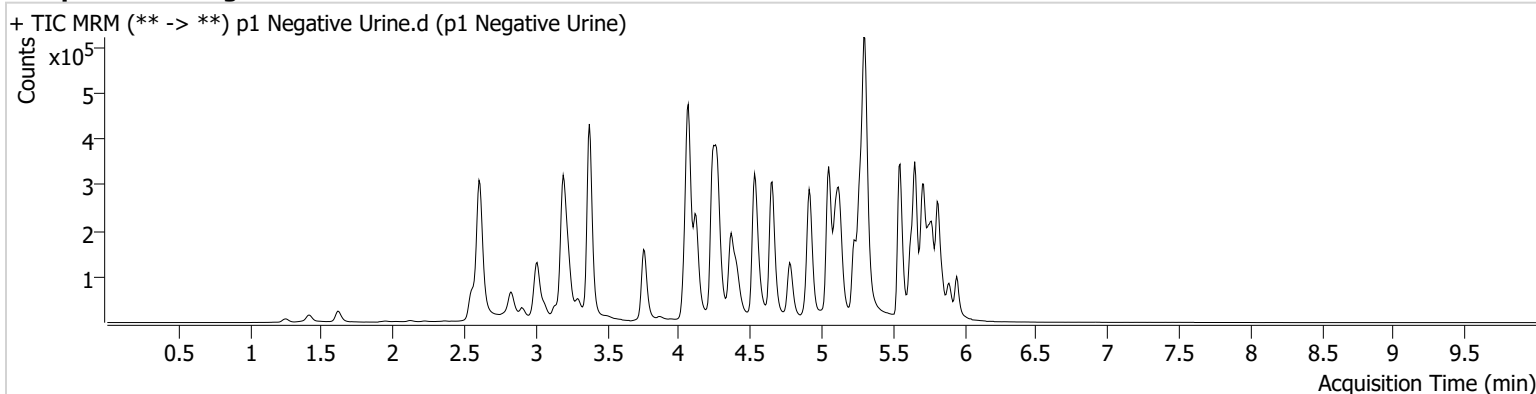
**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**Instrument** Falco (069901)  
**Type** Sample  
**Acq. Method** AM 28 MDQ P1.m  
**Sample Position** P2-E4  
**Injection Volume** 2  
**Acq. Date-Time** 3/26/2024 5:28:34 AM  
**Sample Info.**

**Data File** p1 Negative Urine.d  
**Sample** p1 Negative Urine  
**Operator** Tamara Salazar  
**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

TS

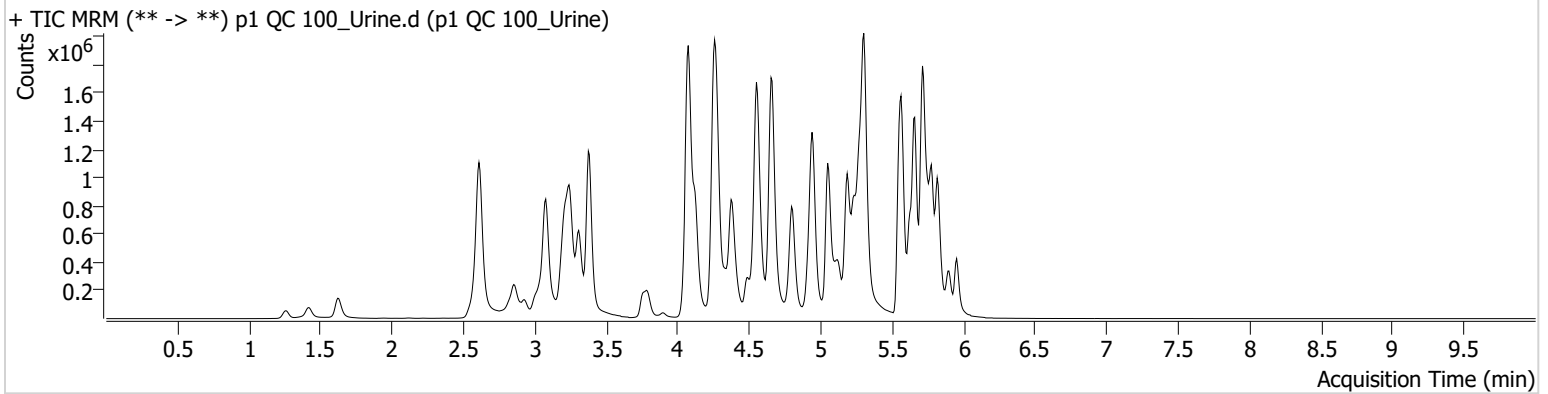


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 100_Urine.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 100_Urine
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-E2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/26/2024 5:49:49 AM		
<b>Sample Info.</b>			

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	3.143	18888	126891.89	72.1	23400.10	55215	9.4705 ng/ml
7-aminoclonazepam	4.278	310826	9778.36	75.2	3409.10	145581	106.7819 ng/ml
9-hydroxyrisperidone	4.658	50071	691.43	3898.2	3667.42	827377	93.4981 ng/ml
a-hydroxyalprazolam	5.698	107402	169.40	65.4	803.85	48121	110.6548 ng/ml
alpha-PHP	4.949	296767	1337.40	253.0	8907.14	508140	93.9417 ng/ml
alpha-PVP	4.383	1175565	285.45	50.3	274.51	508140	90.7308 ng/ml
Alprazolam	5.775	491332	1008.32	111.6	612.17	214650	95.6100 ng/ml
Amphetamine	3.080	1720175	22483.54	46.7	306.47	270207	94.2451 ng/ml
Benzoylcegonine	3.896	36439	129.14	35.7	69.01	12579	99.8548 ng/ml
Bromazolam	5.814	220836	86.88	117.2	307543.21	102942	98.0591 ng/ml
Buprenorphine	5.867	29034	11229.35	15.5	5709.20	99134	9.9210 ng/ml
Bupropion	4.806	1162908	54824.79	69.8	6267.27	346478	90.8724 ng/ml
Carisoprodol	5.730	505352	663.72	60.3	1460.86	217506	90.4405 ng/ml
Citalopram	5.234	896986	1084.38	34.1	308.04	415378	89.3743 ng/ml
Clonazepam	5.618	277428	5430.25	37.8	514.46	41982	104.3556 ng/ml
Clonazolam	5.561	327355	6485.01	35.5	159138.21	41982	149.6495 ng/ml
Cocaine	4.278	733280	605908.00	56.7	926.73	641303	98.3380 ng/ml
Codeine	2.603	84042	113.36	100.8	308.81	48133	104.6423 ng/ml
Cyclobenzaprine	5.627	771004	7322.51	7.7	98.30	356213	96.3045 ng/ml
Dextromethorphan	5.284	567503	11204.76	81.0	9328.32	299018	90.7679 ng/ml
Dextrorphan	4.123	382298	2931.48	207.6	928.22	468614	96.7780 ng/ml
Diazepam	5.954	362997	1417.42	89.9	161.64	169975	98.5639 ng/ml
Dihydrocodeine	2.581	254539	17615.84	60.1	203.15	161752	97.8102 ng/ml
Diphenhydramine	5.305	2304028	170185.79	30.7	13446.93	1350712	81.4710 ng/ml
Doxylamine	4.552	2357274	1542.77	96.7	11051.13	1037270	97.8230 ng/ml
Duloxetine	5.653	105928	1394.03	13.1	235.83	65276	88.8360 ng/ml
EDDP	5.270	886821	503.07	42.8	5466.63	491555	89.9559 ng/ml
Etizolam	5.814	292940	15733.52	24.7	514.21	41982	144.2329 ng/ml
Fentanyl	5.117	97011	216.21	73.7	∞	521973	9.8967 ng/ml
Fluorofentanyl	5.171	254716	348.58	38.2	7152.48	4001	10.7499 ng/ml
Fluoxetine	5.707	1037145	138949.21	7.6	371.69	398257	93.1433 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	328744	82.31	34.9	390.43	182277	98.6319 ng/ml
Hydromorphone	1.629	250023	384881.72	75.4	461405.42	85950	92.2077 ng/ml
Hydroxyzine	5.711	965441	27254.12	79.3	26904.21	299018	94.8226 ng/ml
Ketamine	4.062	757269	1110.06	36.0	240.04	339097	96.1427 ng/ml
Lamotrigine	4.293	70706	112.83	89.5	1893.12	960216	97.3848 ng/ml
Lorazepam	5.747	220923	787.48	52.4	61.94	180678	99.2650 ng/ml
MDA	3.215	977867	3139.61	34.1	101.70	352865	106.7103 ng/ml
MDMA	3.309	773051	146505.81	94.9	7830.72	91112	92.2814 ng/ml
Meprobamate	4.923	223951	6677.07	33.5	1332.96	114527	94.4305 ng/ml
Methadone	5.659	1492796	29736.78	48.9	493.46	604775	91.1737 ng/ml
Methamphetamine	3.250	1654444	2217.67	38.4	2898.71	653498	96.9622 ng/ml
Metoprolol	4.333	227249	106747.43	102.1	5583.49	907543	98.5428 ng/ml
Mirtazapine	4.648	1635784	202.72	48.6	3528.30	508140	100.2208 ng/ml
Mitragynine	5.245	384963	634.34	37.5	246.92	604775	116.5786 ng/ml
Morphine	1.261	52688	785.67	24.5	253.36	10417	93.5209 ng/ml
Norbuprenorphine	5.006	3947	101.18	99.5	7271.11	21338	10.4347 ng/ml
Nordiazepam	5.900	320647	822.79	58.8	6599.07	110131	97.6112 ng/ml
Norfentanyl	4.090	164424	10128.22	37.0	69.00	749313	9.4714 ng/ml
Norhydrocodone	3.077	79204	426.25	36.9	56.14	49434	88.3121 ng/ml
Noroxycodone	2.927	231998	1829.26	49.6	4357.70	79849	101.2441 ng/ml
O-desmethyl-tramadol	3.383	1857322	95740.36	5.7	4369.40	1153879	92.1966 ng/ml
o-desmethylvenlafaxine	4.075	2406242	67564.32	16.8	602.80	19630	100.5478 ng/ml
Olanzapine	4.489	500995	708.17	53.5	276.95	122076	97.5306 ng/ml
Oxazepam	5.756	337338	1983.15	72.0	330.02	180678	102.3470 ng/ml
Oxycodone	2.852	597896	1396.14	29.6	5812.73	240160	99.5890 ng/ml
Oxymorphone	1.419	155746	292.15	45.3	799.47	59629	94.5745 ng/ml
Phentermine	3.792	406898	1044.06	7.7	509.95	467089	101.8723 ng/ml
Promethazine	5.550	1386970	110003.27	32.4	404.39	701856	98.5732 ng/ml
Pseudoephedrine	2.620	2227852	381.70	17.0	115.57	960216	95.6941 ng/ml
Quetiapine	5.567	1213302	60924.20	57.8	294.58	174144	99.1281 ng/ml
Sertraline	5.782	251548	300.49	100.0	278.45	121977	91.1368 ng/ml
Temazepam	5.824	674828	989.79	26.2	274.77	302912	97.5416 ng/ml
Tramadol	4.252	1723480	155.77	3.3	138.41	907543	99.3428 ng/ml
Trazodone	5.184	1564171	128.52	62.9	1642.52	534056	97.5564 ng/ml
Venlafaxine	5.051	1504350	6553.58	39.0	338.92	908824	89.8451 ng/ml
Xylazine	4.090	684034	23218.01	45.8	507.68	328402	97.3690 ng/ml
Zolpidem	4.941	1735844	200766.60	27.8	5631.78	722741	98.1284 ng/ml



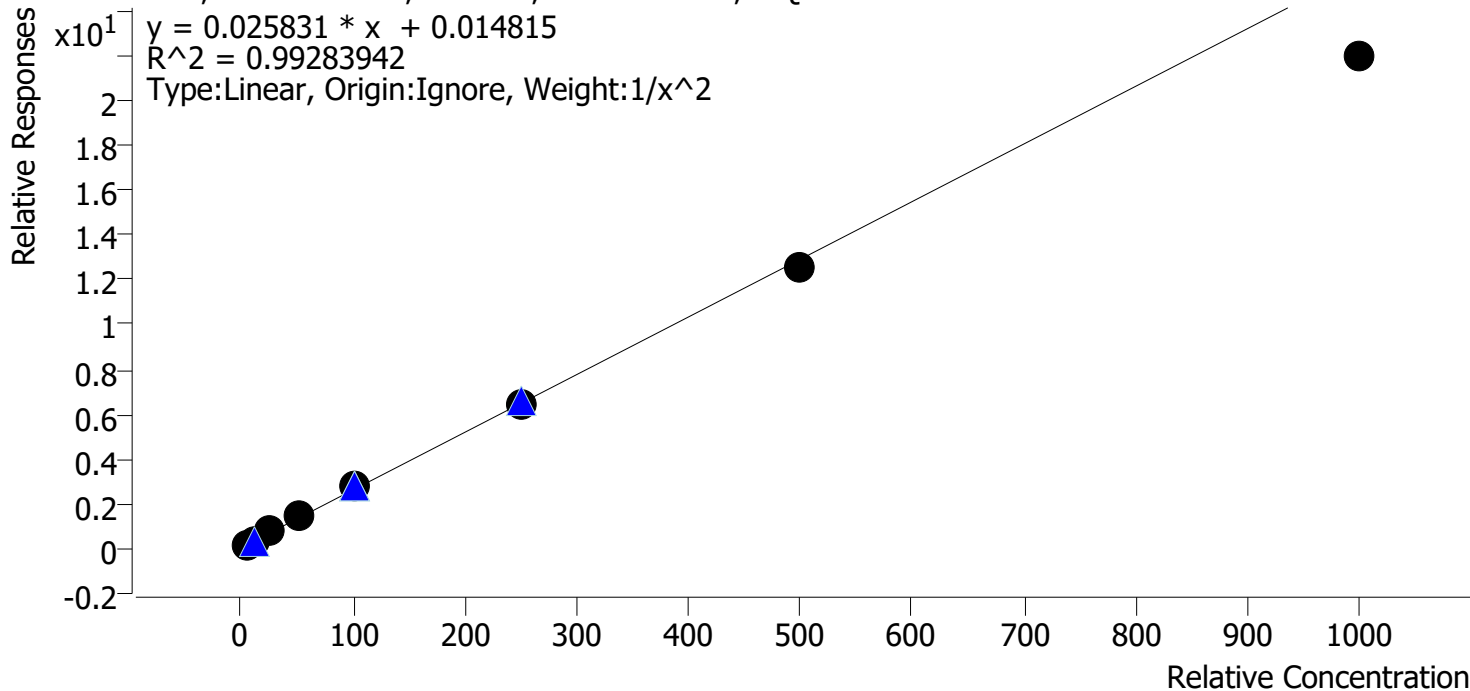
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



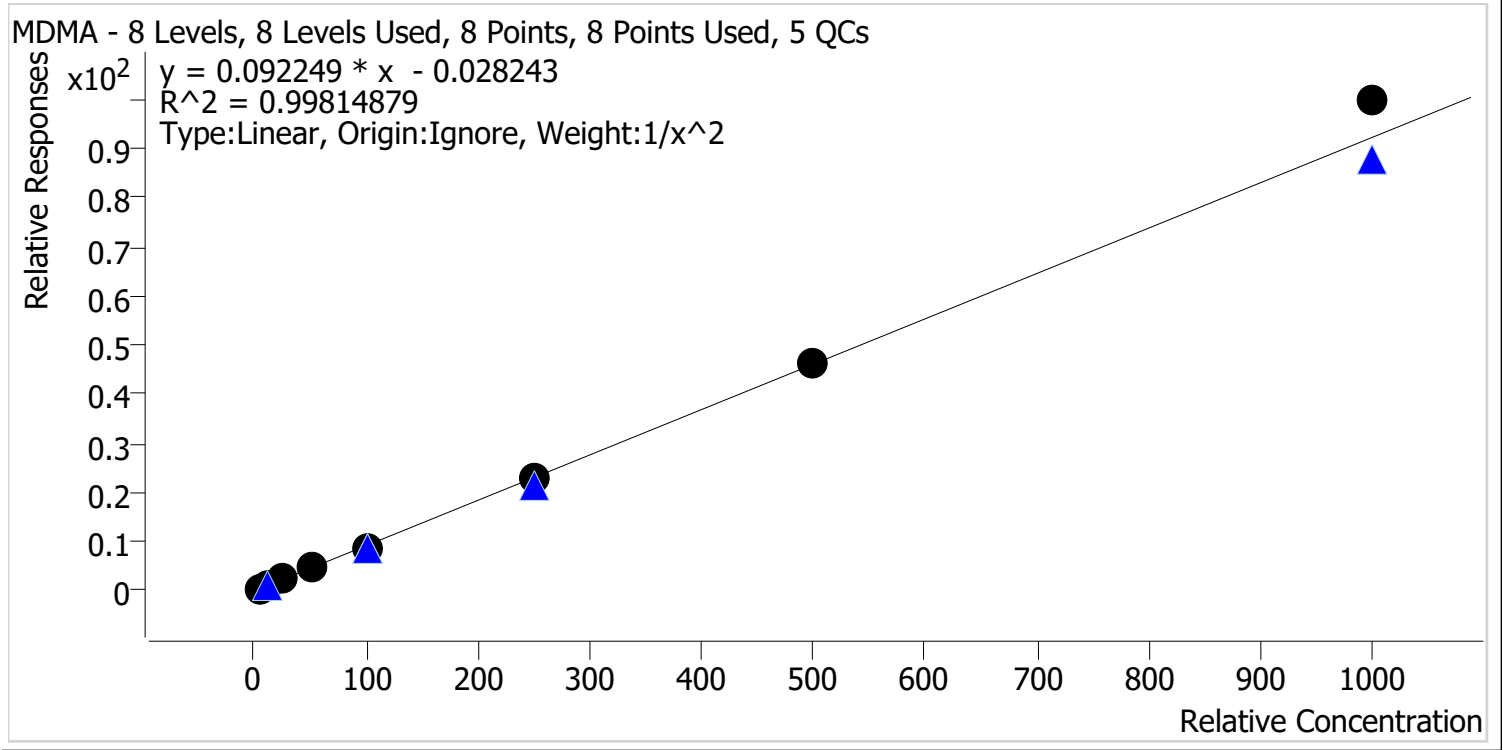
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	850.3	85.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6



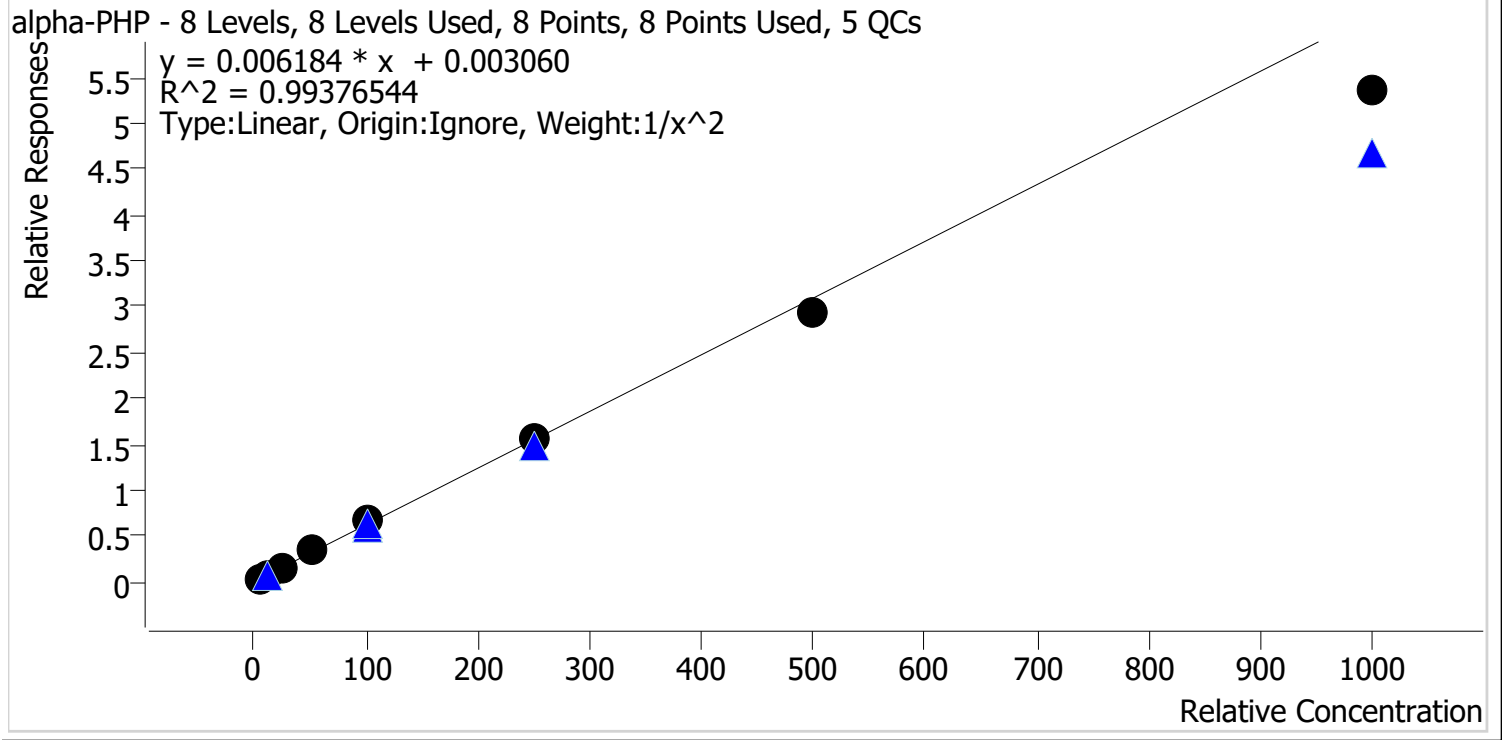
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1081.2	108.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/27/2024 9:57 AM  
 Analyst Name ISP\datastor  
 Analyte alpha-PHP Internal Standard alpha-PVP-D8



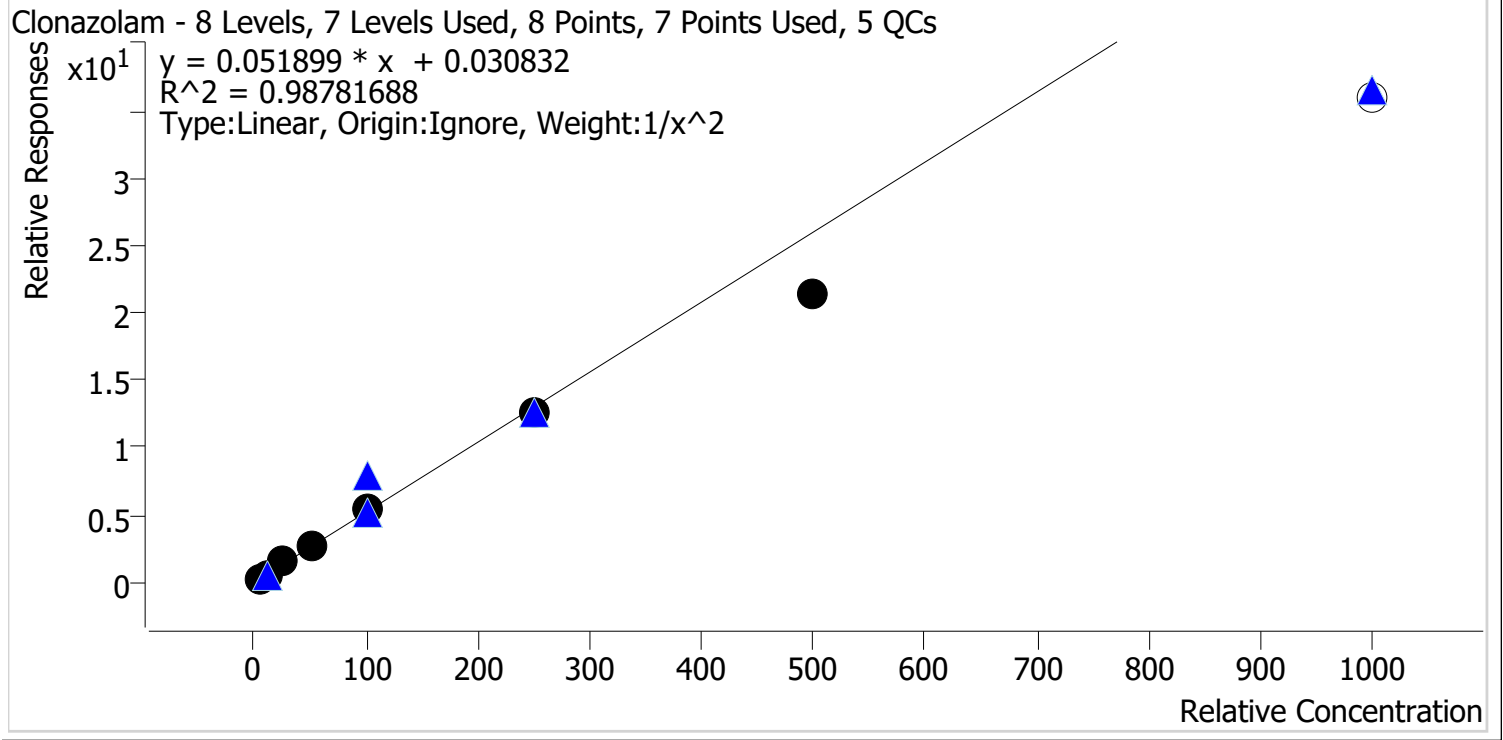
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	476.8	95.4
p1 Cal 8-1000ng	8	✓	1000.0	866.0	86.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazolam **Internal Standard** Clonazepam-D4



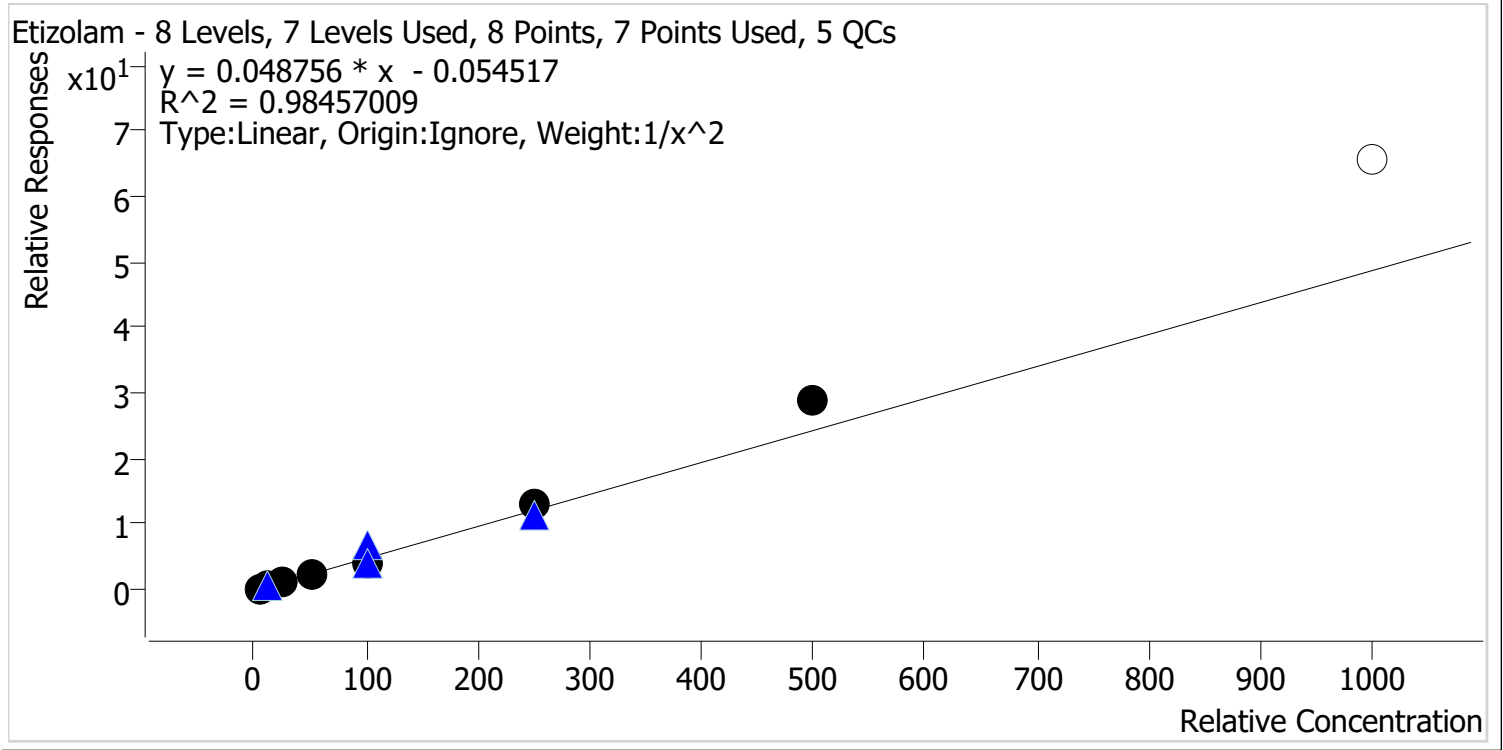
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	241.9	96.8
p1 Cal 7-500ng	7	✓	500.0	414.1	82.8
p1 Cal 8-1000ng	8	✗	1000.0	691.6	69.2

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/27/2024 9:57 AM  
 Analyst Name ISP\datastor  
 Analyte Etizolam Internal Standard Clonazepam-D4



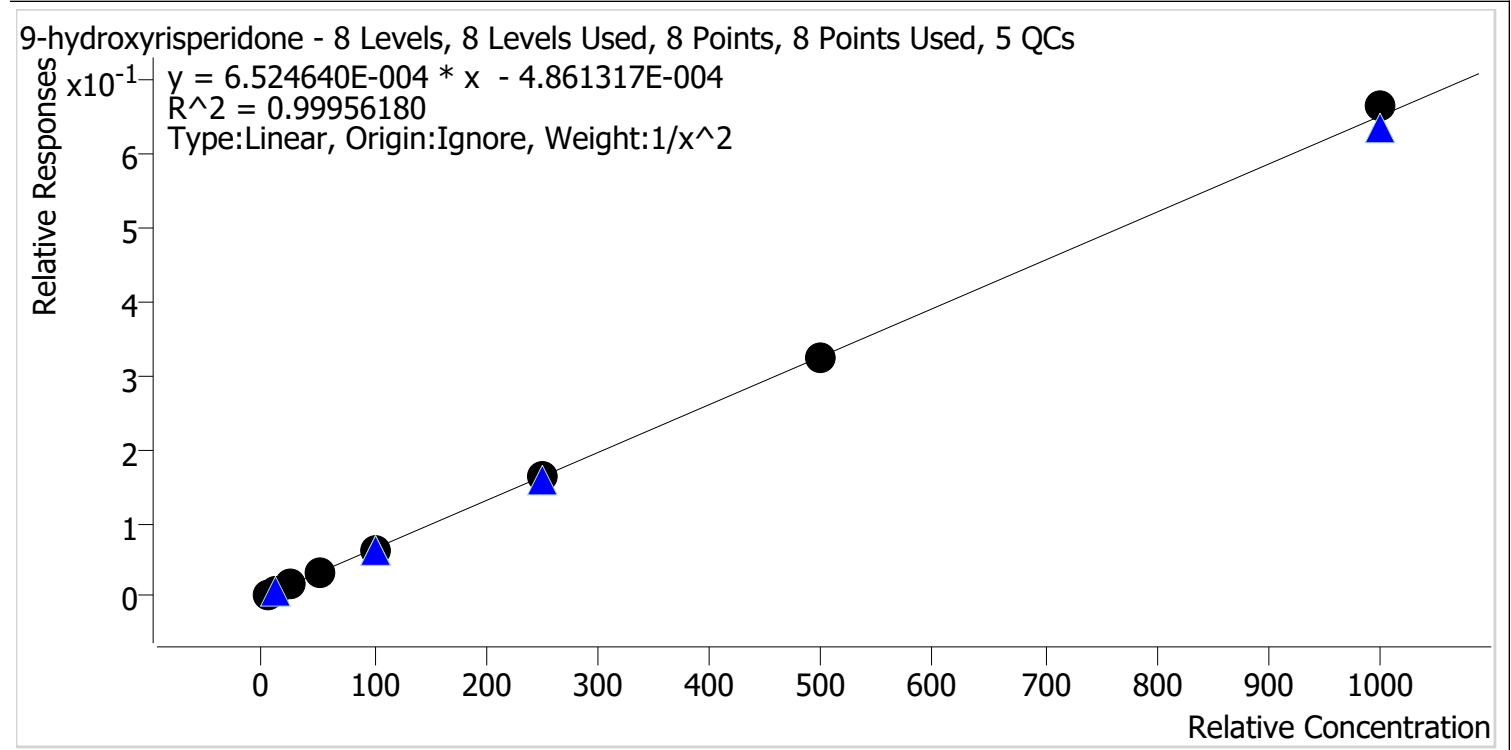
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.4	93.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	45.9	91.9
p1 Cal 5-100ng	5	✓	100.0	88.7	88.7
p1 Cal 6-250ng	6	✓	250.0	266.7	106.7
p1 Cal 7-500ng	7	✓	500.0	593.2	118.6
p1 Cal 8-1000ng	8	✗	1000.0	1346.7	134.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4



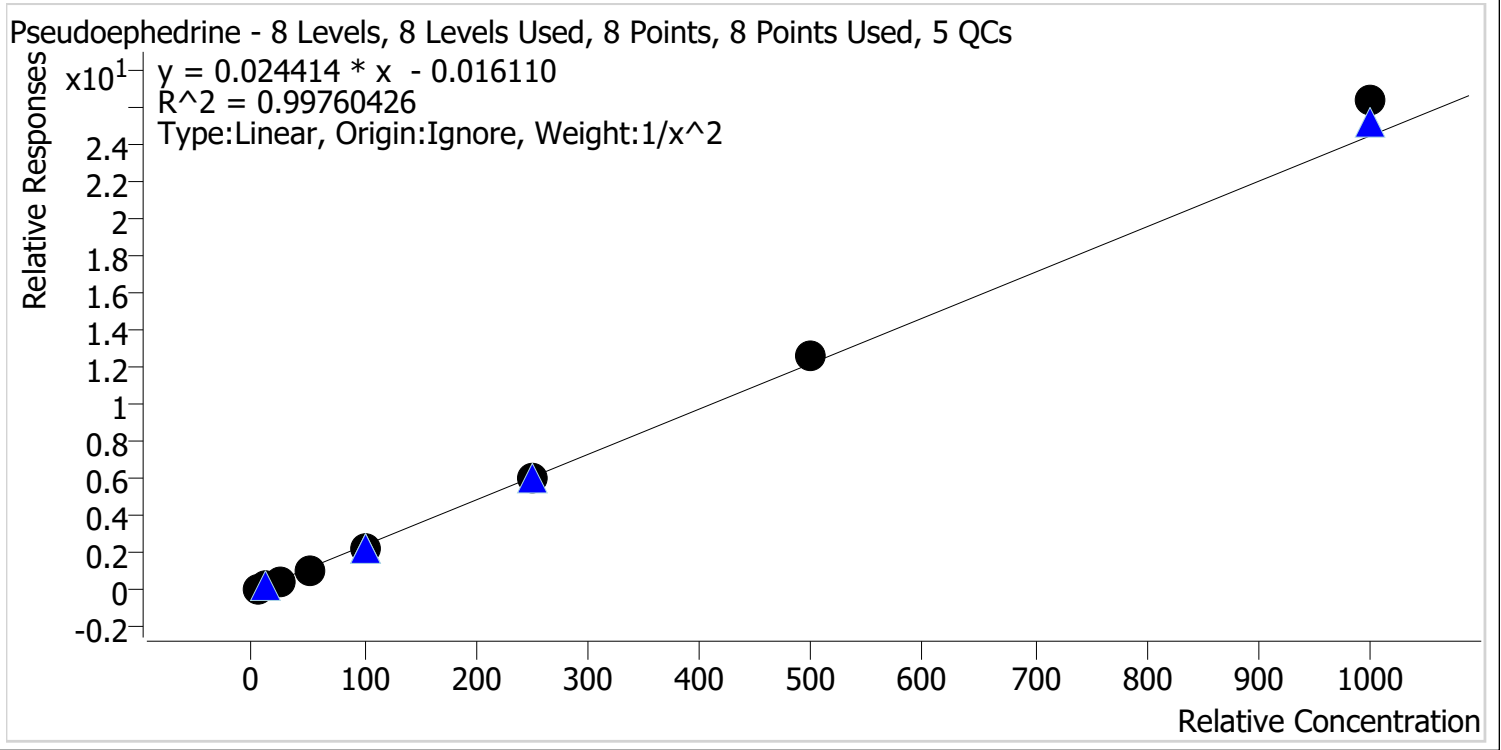
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	252.4	100.9
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1020.5	102.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	515.2	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1077.4	107.7

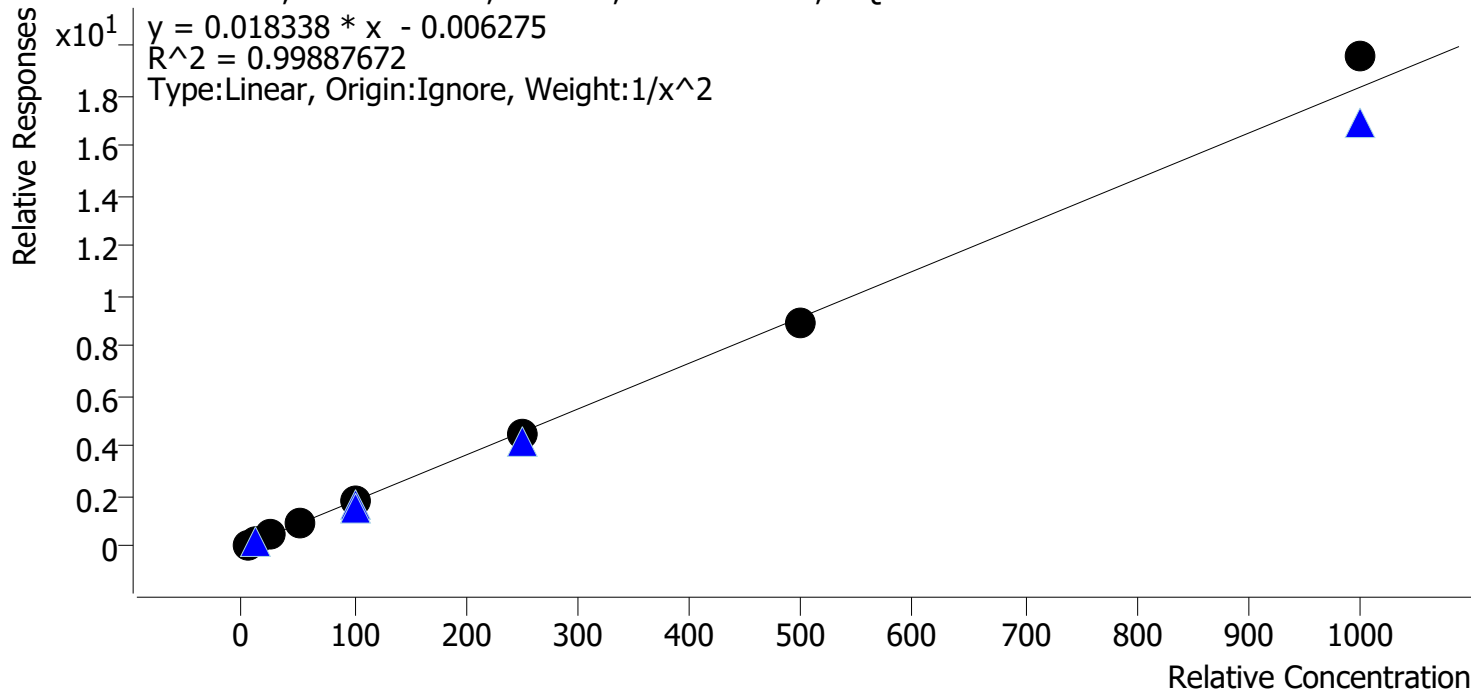
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Duloxetine **Internal Standard** Duloxetine-D3

Duloxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



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	10.0	99.8
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	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	485.4	97.1
p1 Cal 8-1000ng	8	✓	1000.0	1066.5	106.7



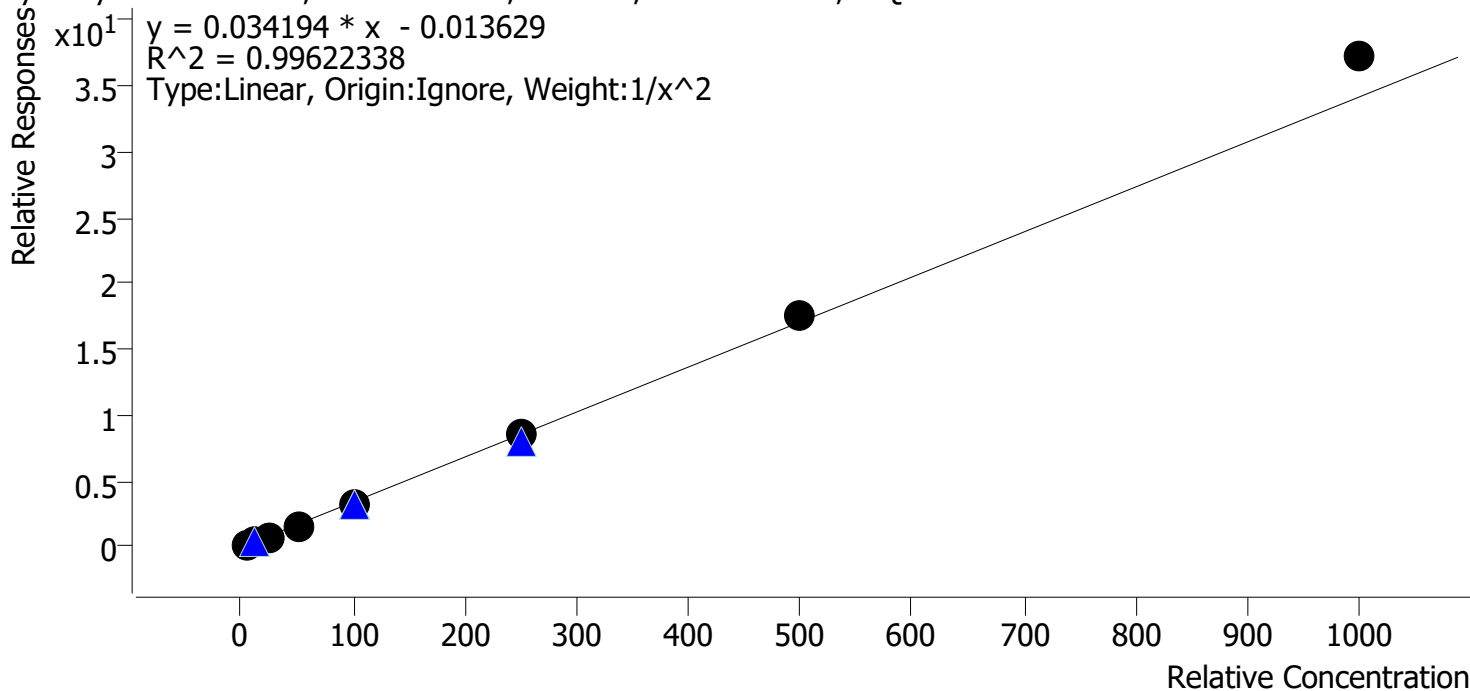
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydroxyzine **Internal Standard** Dextromethorphan-D3

Hydroxyzine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



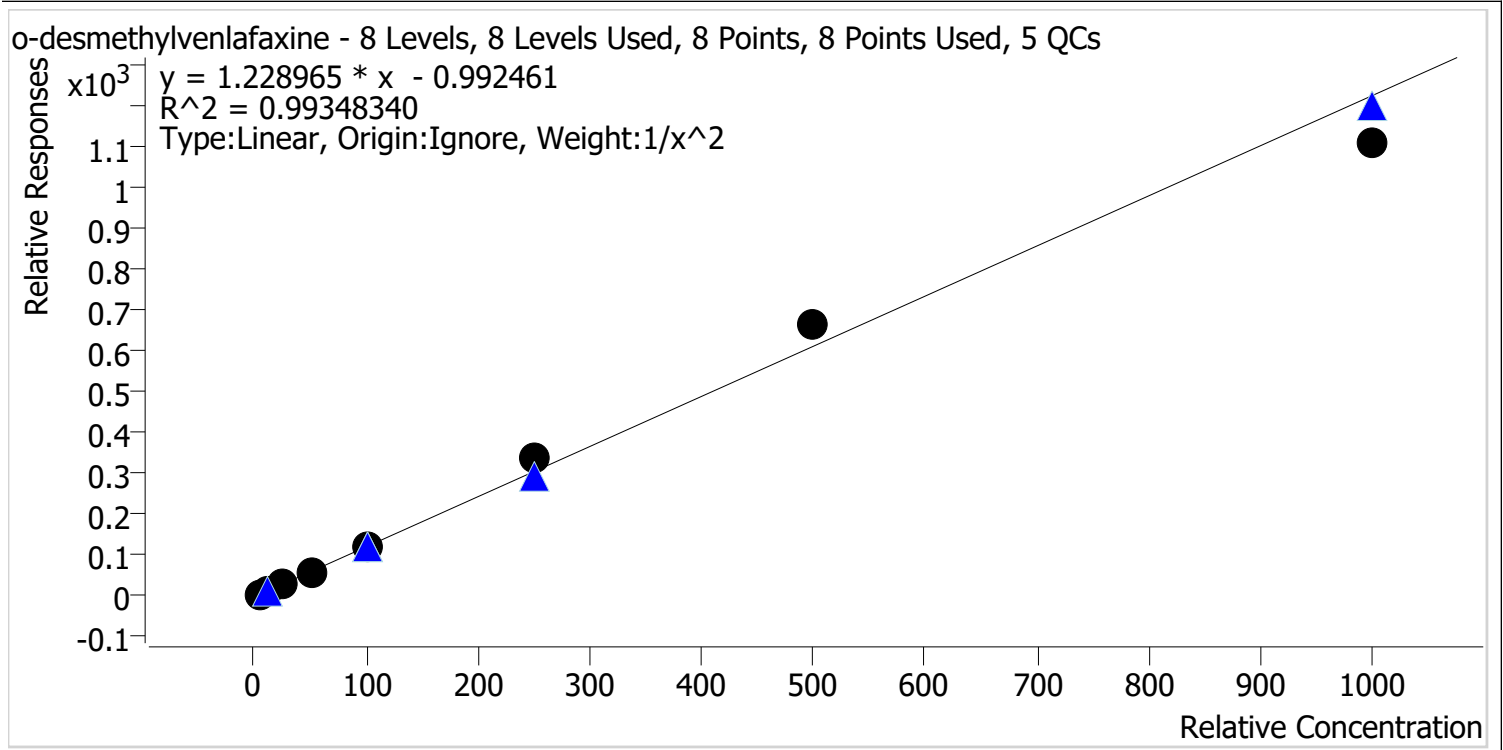
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.9
p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	518.2	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1089.8	109.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



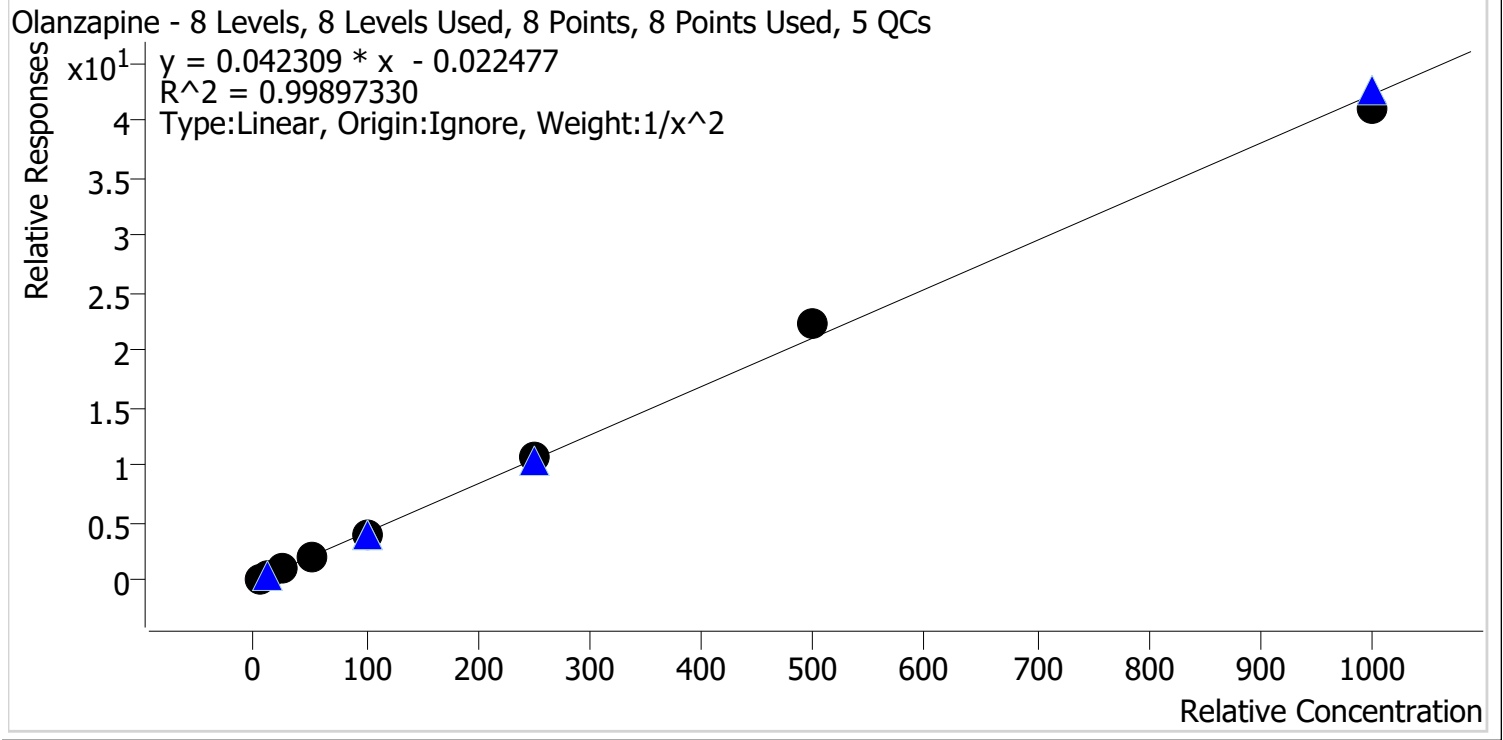
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	276.2	110.5
p1 Cal 7-500ng	7	✓	500.0	545.3	109.1
p1 Cal 8-1000ng	8	✓	1000.0	904.9	90.5

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Olanzapine **Internal Standard** Olanzapine-D8



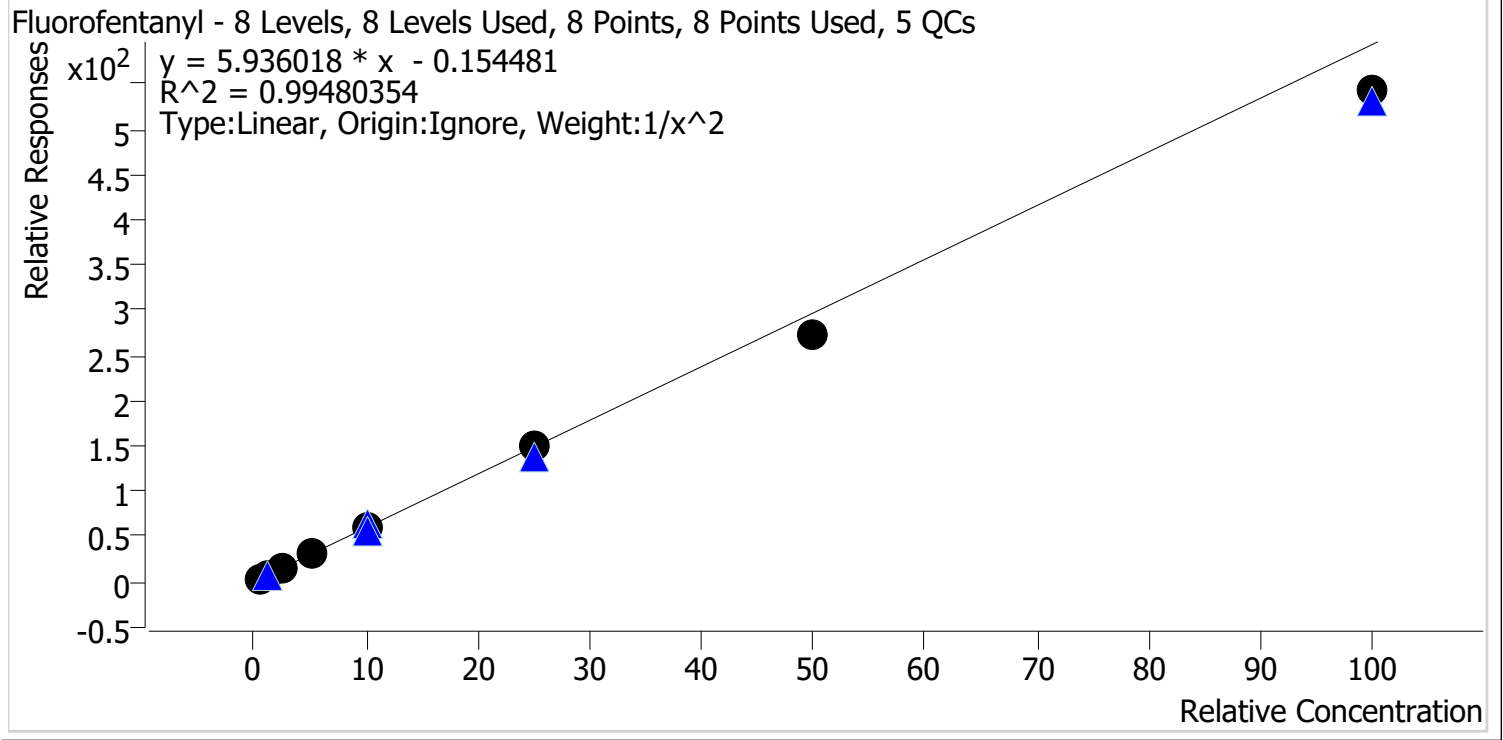
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	527.1	105.4
p1 Cal 8-1000ng	8	✓	1000.0	968.9	96.9

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



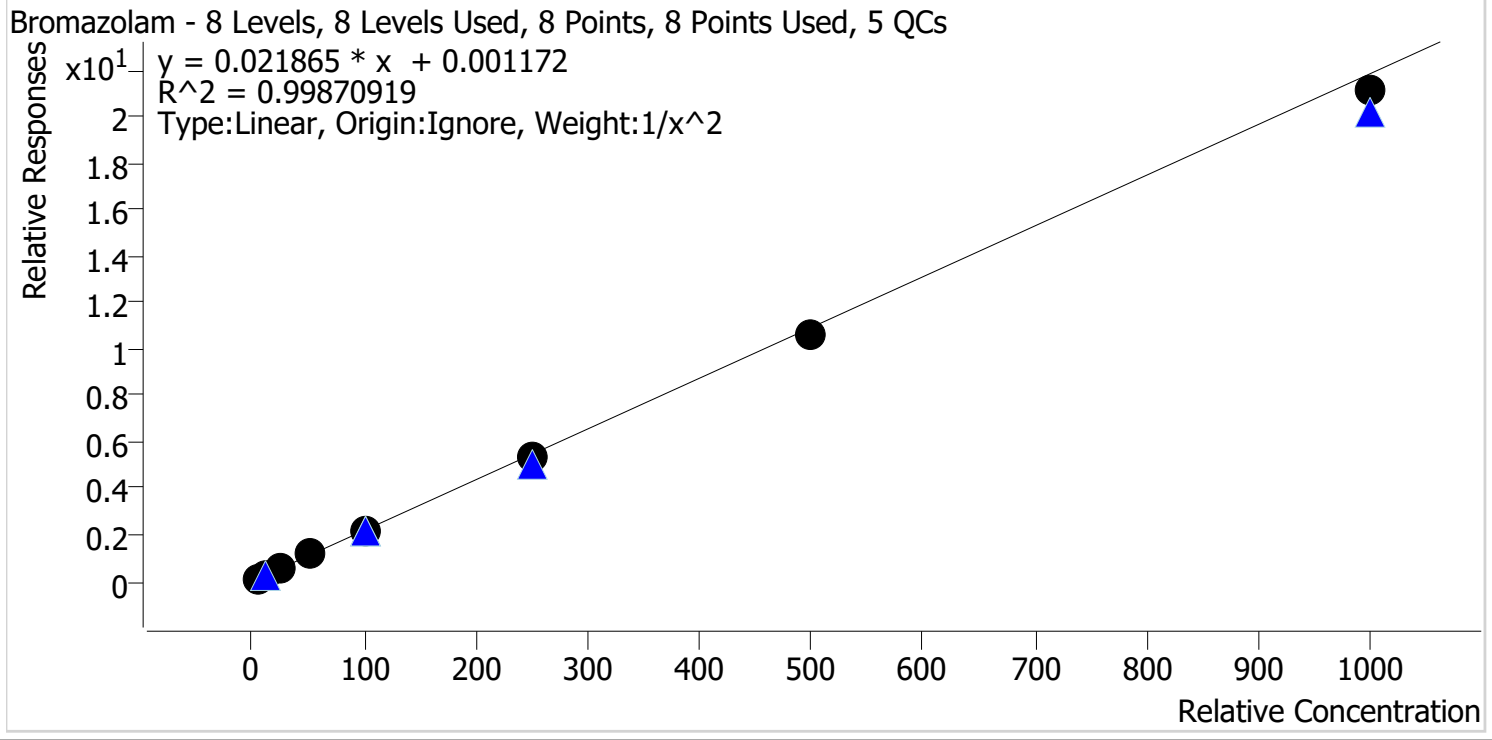
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.8
p1 Cal 2-10ng	2	✓	1.0	1.0	99.9
p1 Cal 3 -25ng	3	✓	2.5	2.7	106.9
p1 Cal 4-50ng	4	✓	5.0	5.4	108.7
p1 Cal 5-100ng	5	✓	10.0	10.3	102.6
p1 Cal 6-250ng	6	✓	25.0	25.2	100.8
p1 Cal 7-500ng	7	✓	50.0	45.9	91.9
p1 Cal 8-1000ng	8	✓	100.0	91.4	91.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	483.1	96.6
p1 Cal 8-1000ng	8	✓	1000.0	966.7	96.7

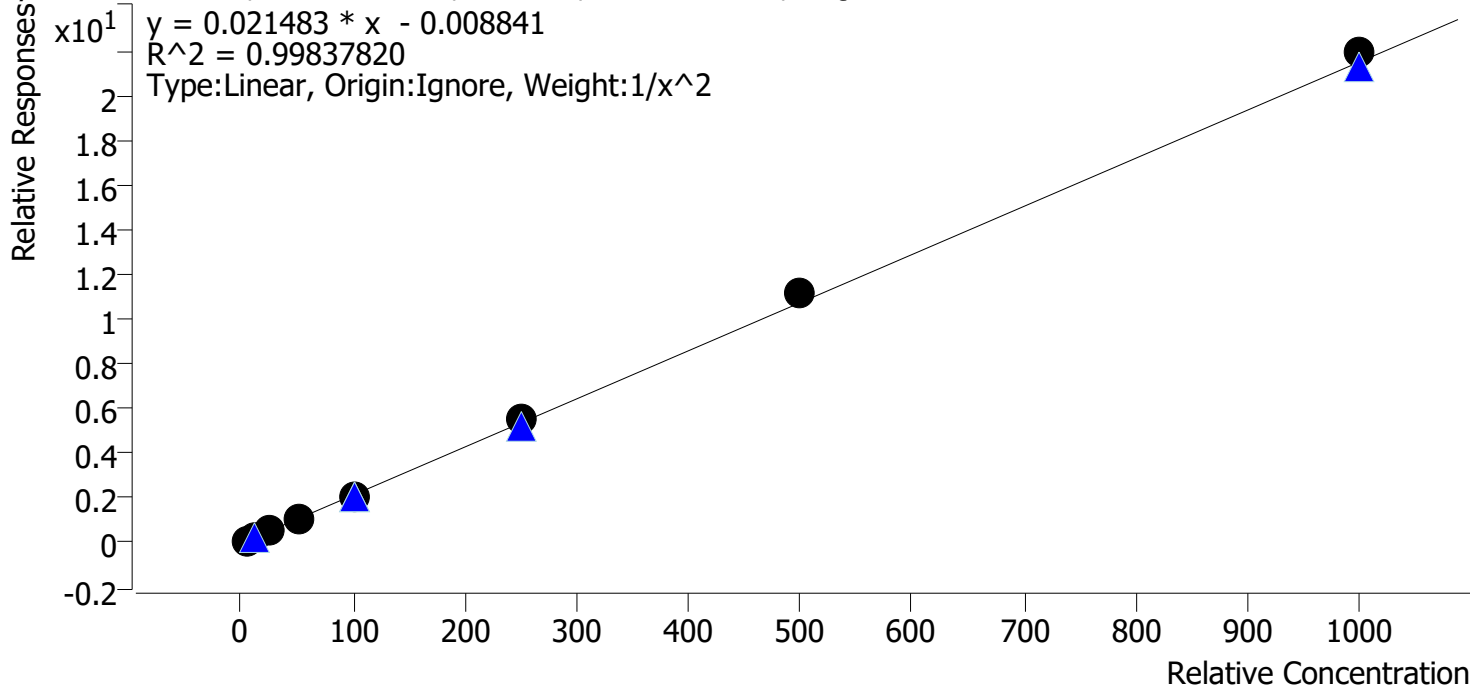
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Xylazine **Internal Standard** Xylanzine-D6

Xylazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	522.0	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1019.7	102.0

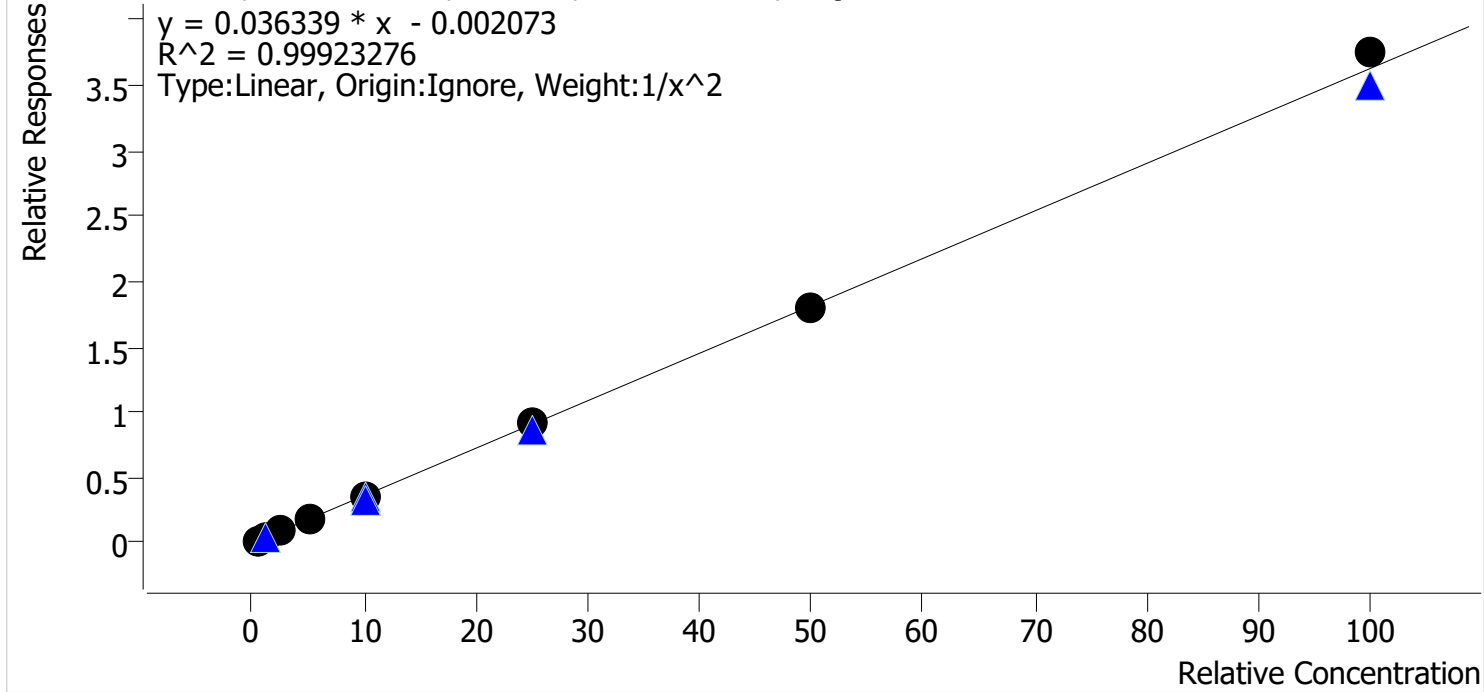
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6

6-MAM - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



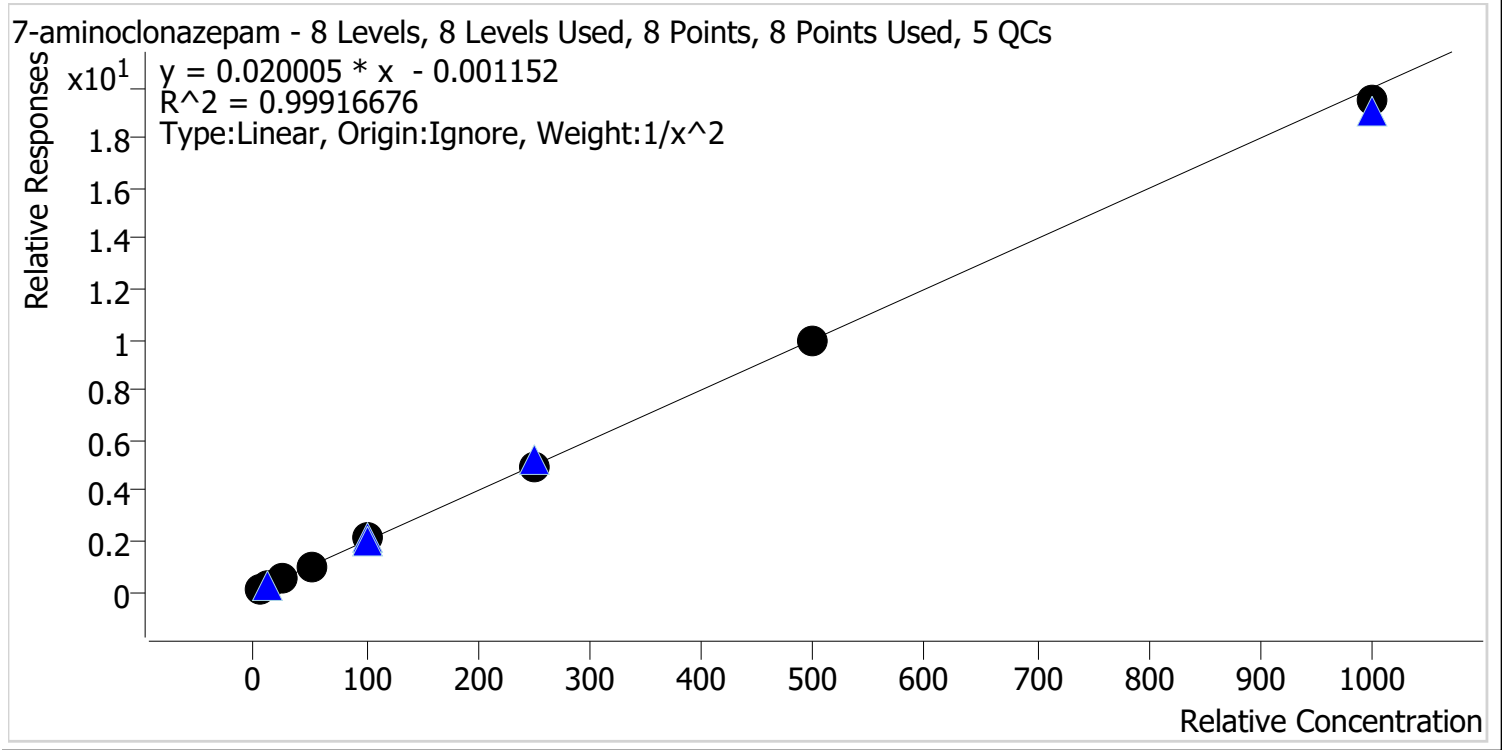
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.1
p1 Cal 2-10ng	2	✓	1.0	1.0	97.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.9
p1 Cal 4-50ng	4	✓	5.0	5.0	99.9
p1 Cal 5-100ng	5	✓	10.0	9.6	96.2
p1 Cal 6-250ng	6	✓	25.0	25.3	101.3
p1 Cal 7-500ng	7	✓	50.0	49.5	98.9
p1 Cal 8-1000ng	8	✓	100.0	103.4	103.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



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	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	974.6	97.5

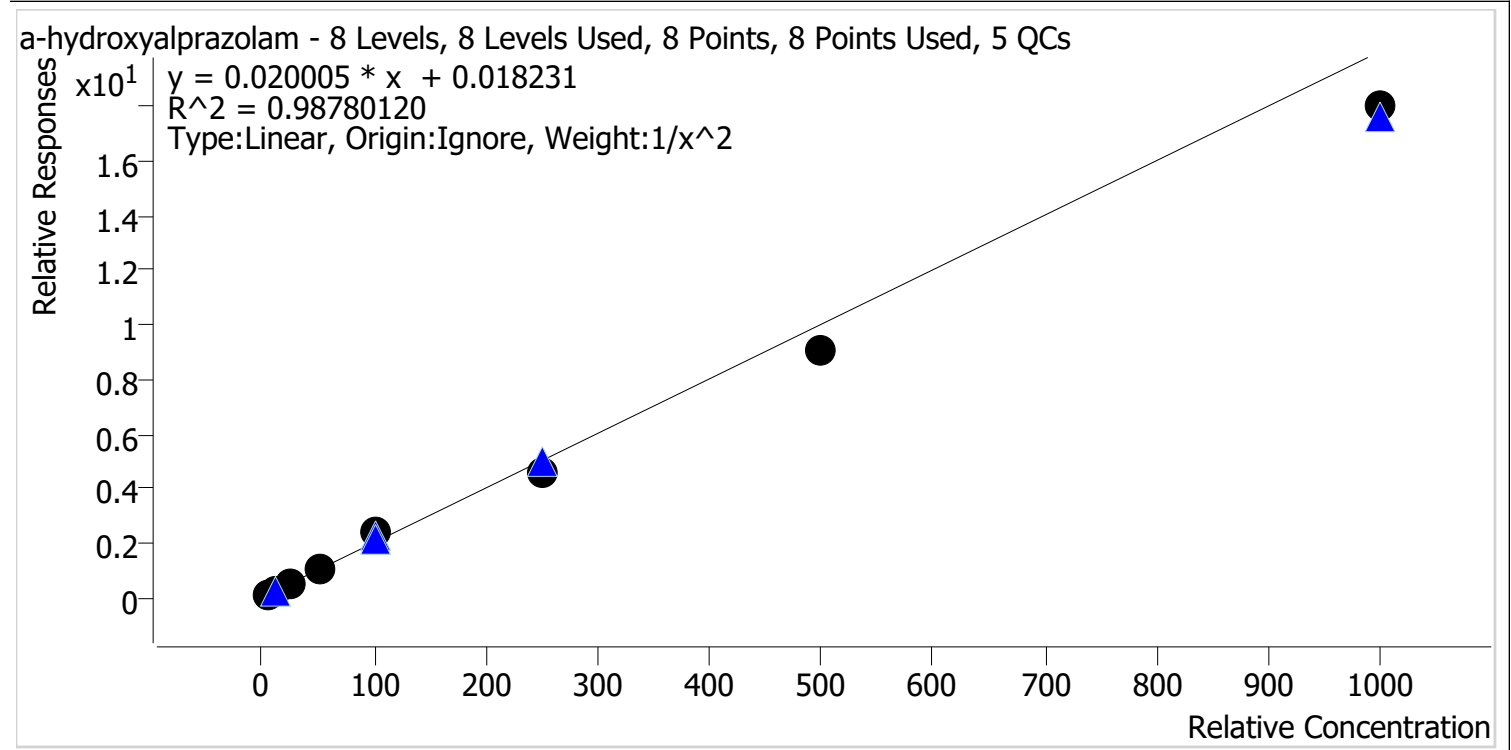


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



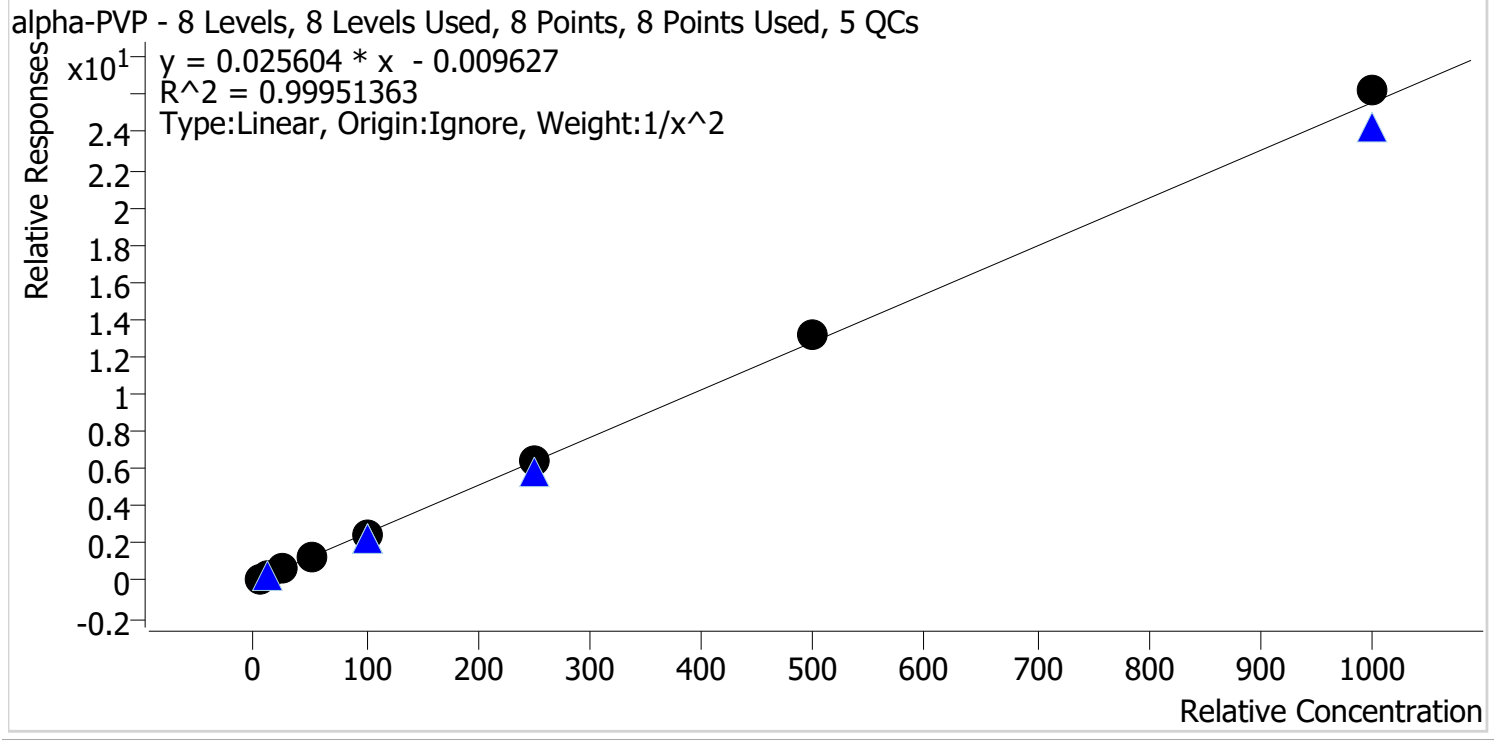
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	116.2	116.2
p1 Cal 6-250ng	6	✓	250.0	228.3	91.3
p1 Cal 7-500ng	7	✓	500.0	453.7	90.7
p1 Cal 8-1000ng	8	✓	1000.0	899.6	90.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-D8



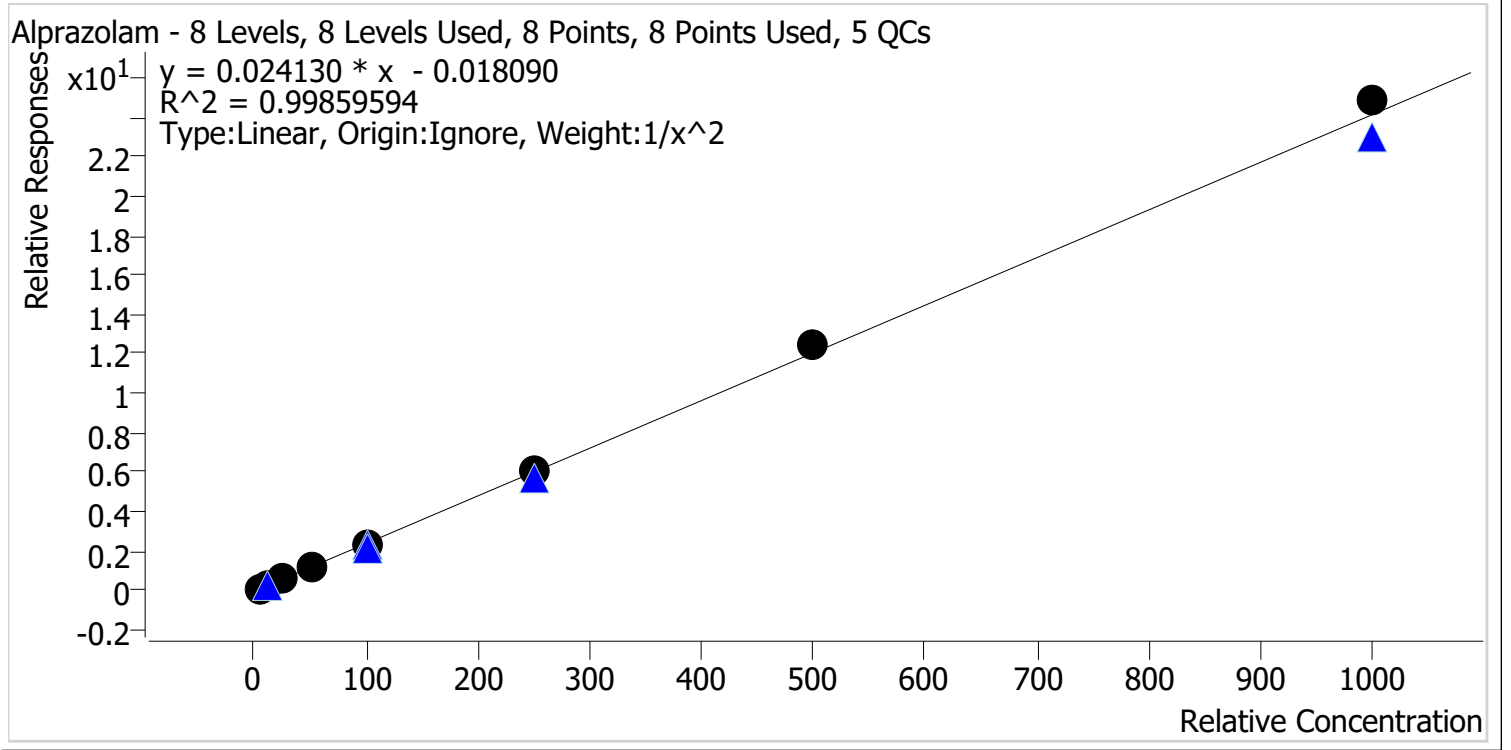
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	512.9	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1025.1	102.5

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5



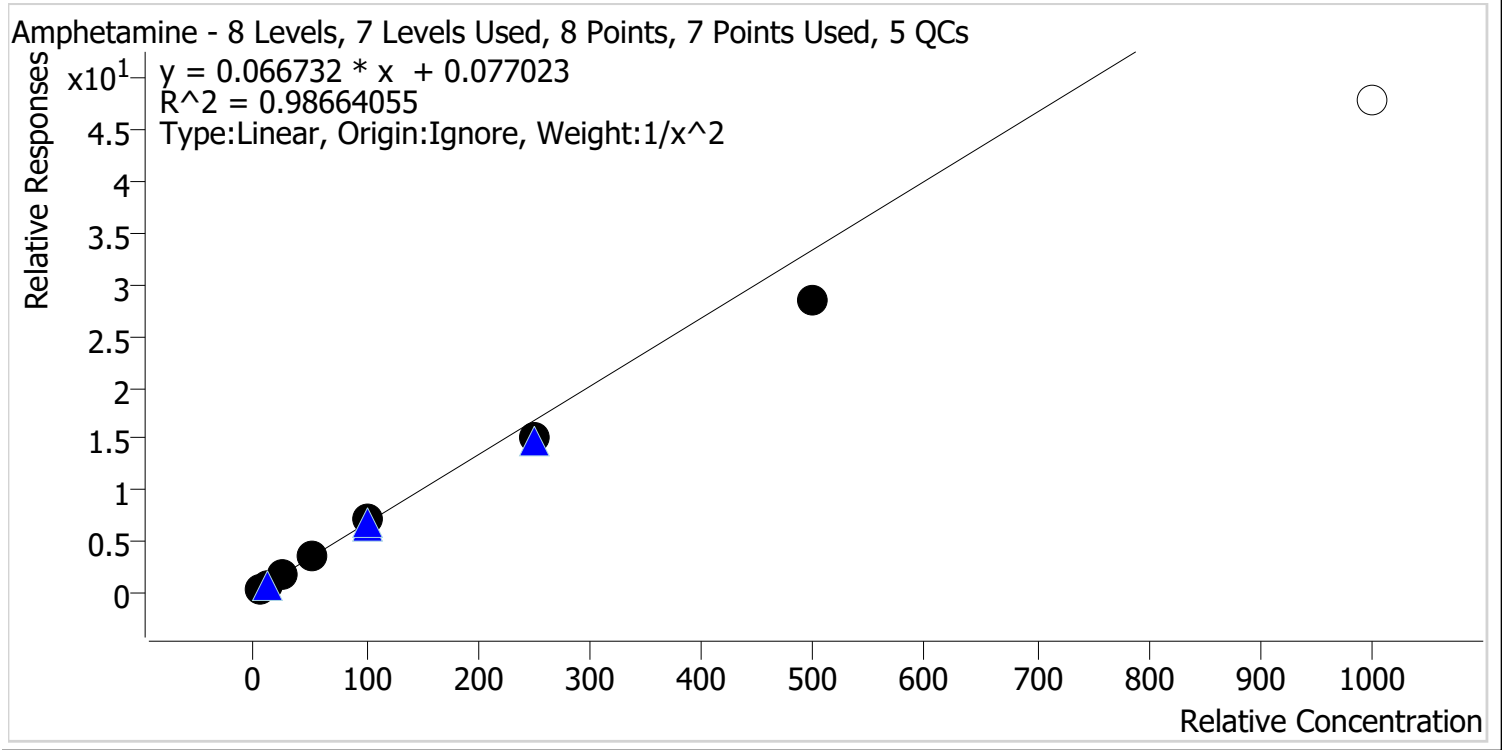
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1029.6	103.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	94.4
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	228.0	91.2
p1 Cal 7-500ng	7	✓	500.0	423.5	84.7
p1 Cal 8-1000ng	8	✗	1000.0	717.3	71.7

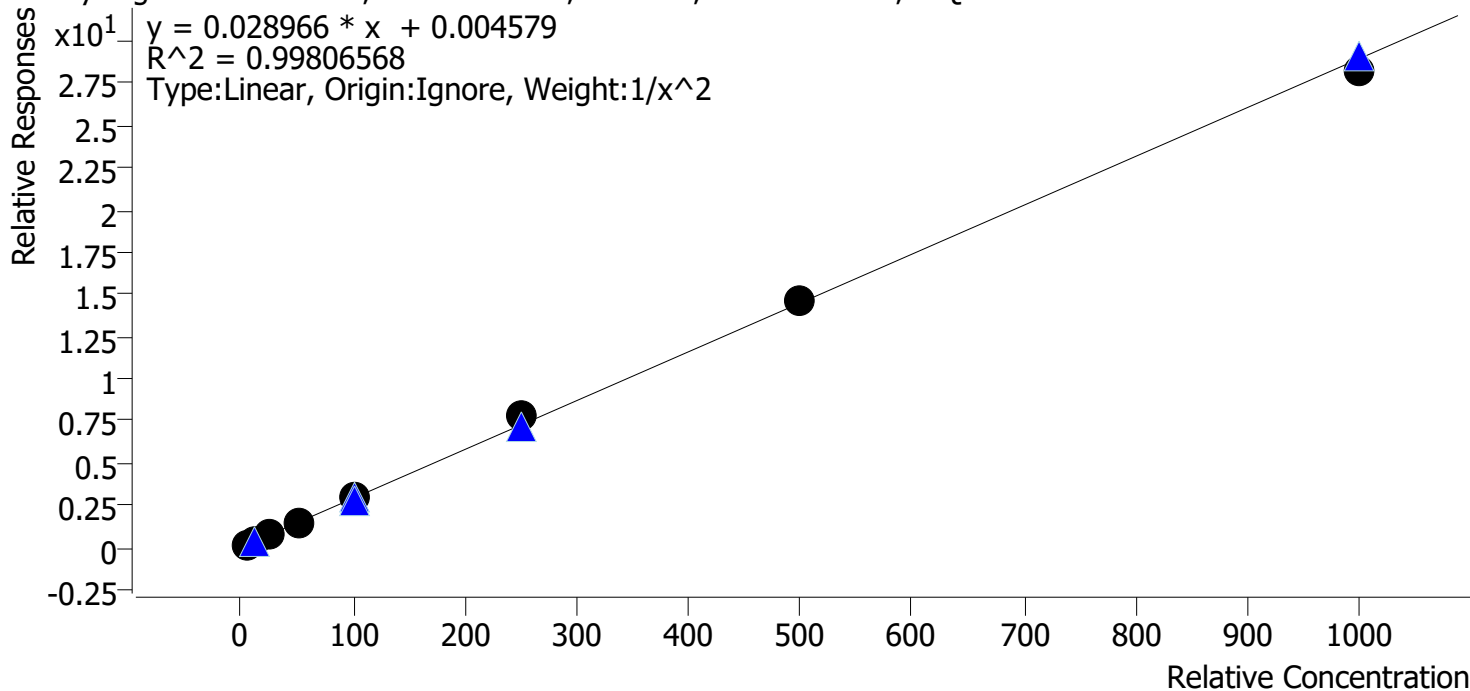
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/27/2024 9:57 AM  
 Analyst Name ISP\datastor  
 Analyte Benzoylecgonine Internal Standard Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



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	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	267.0	106.8
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	977.4	97.7

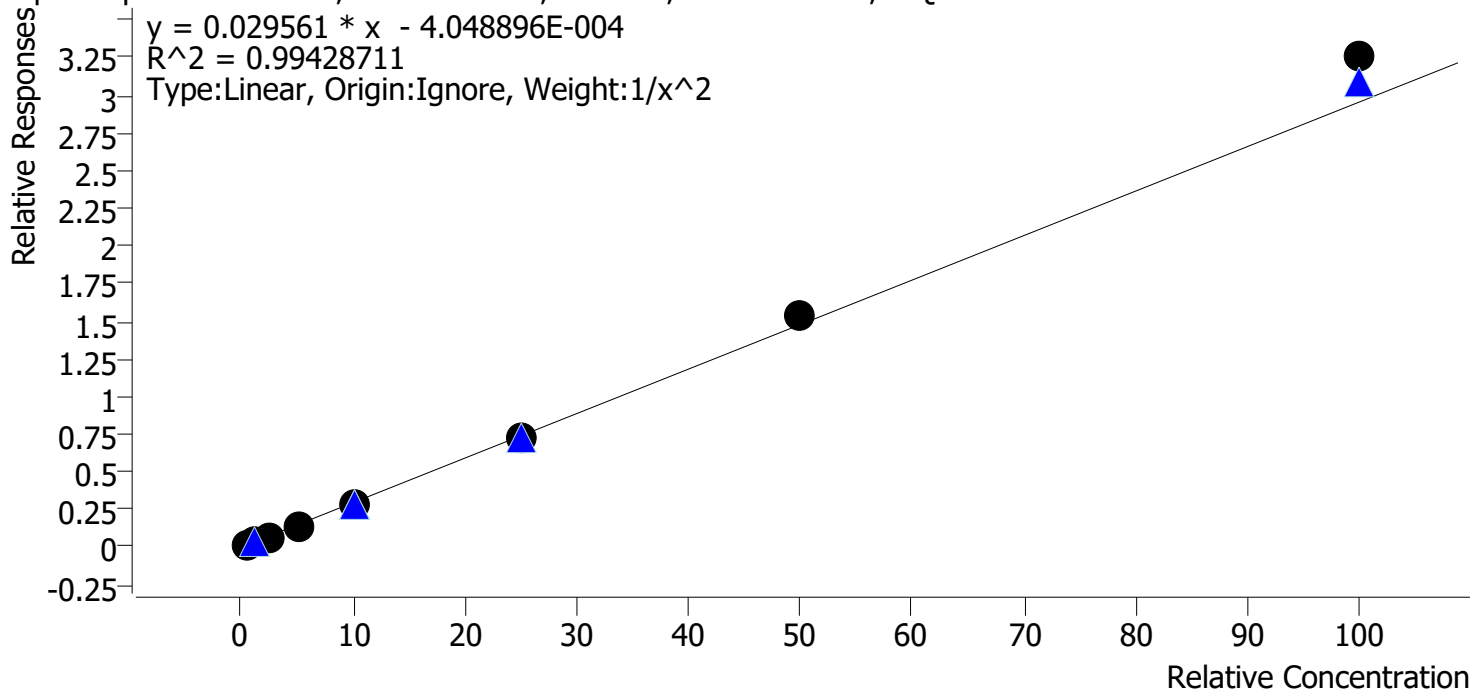
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



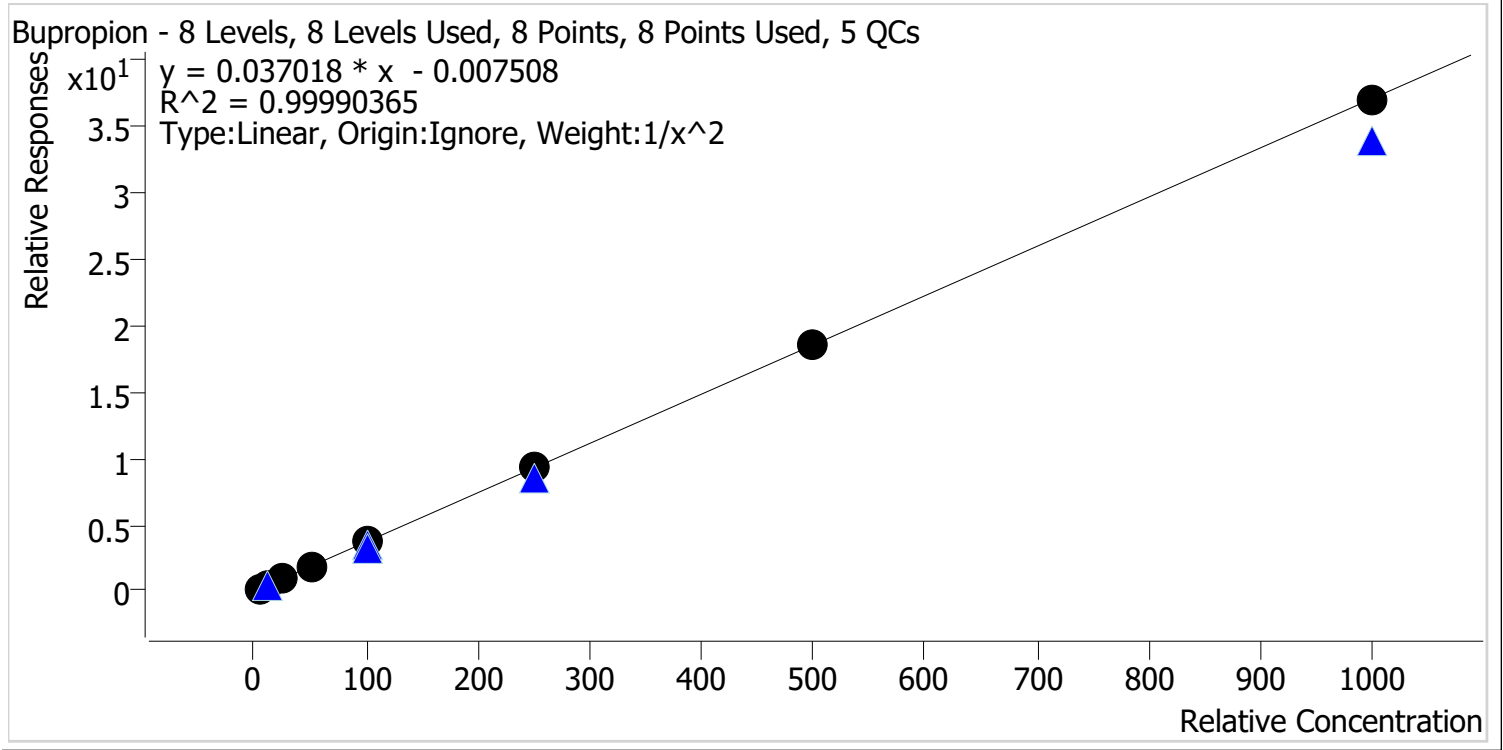
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.9
p1 Cal 2-10ng	2	✓	1.0	0.9	92.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.6
p1 Cal 4-50ng	4	✓	5.0	4.8	96.9
p1 Cal 5-100ng	5	✓	10.0	10.0	99.6
p1 Cal 6-250ng	6	✓	25.0	24.8	99.3
p1 Cal 7-500ng	7	✓	50.0	52.2	104.4
p1 Cal 8-1000ng	8	✓	100.0	110.2	110.2

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	996.0	99.6

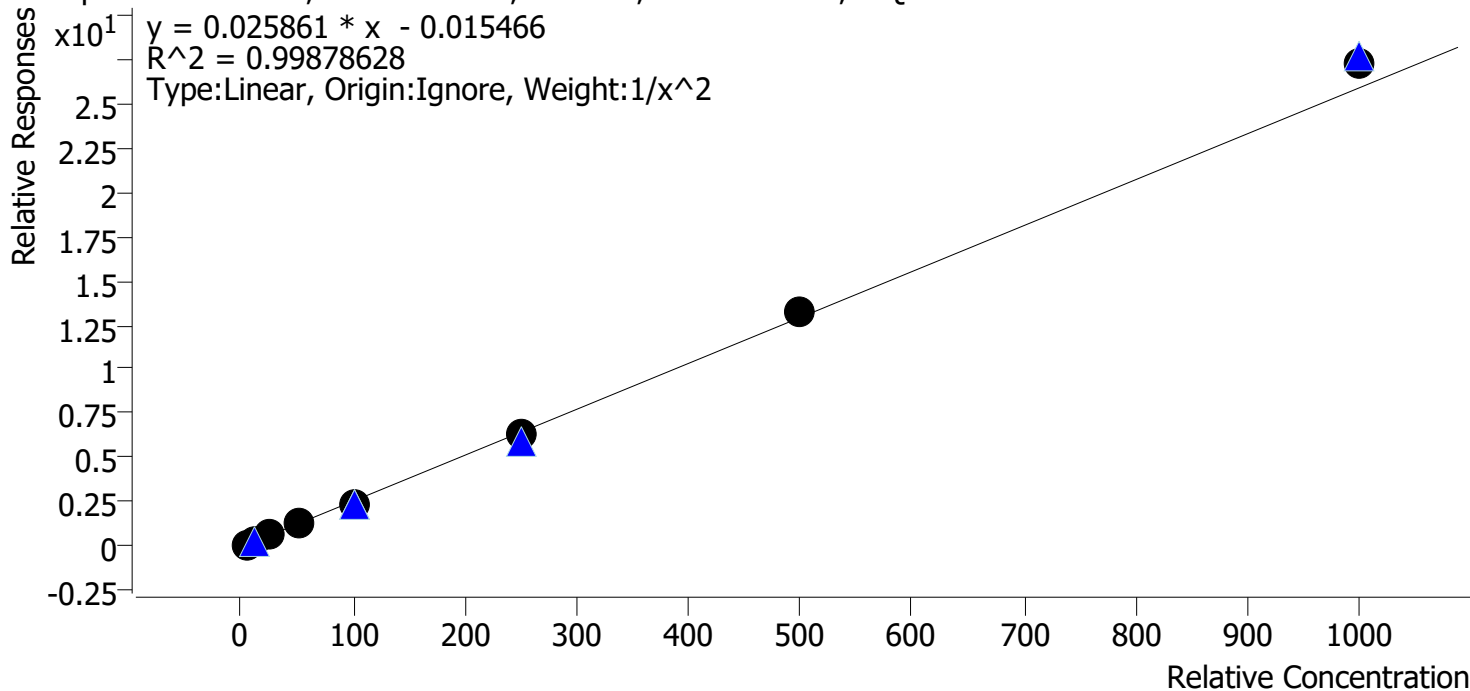
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	514.1	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1052.5	105.2

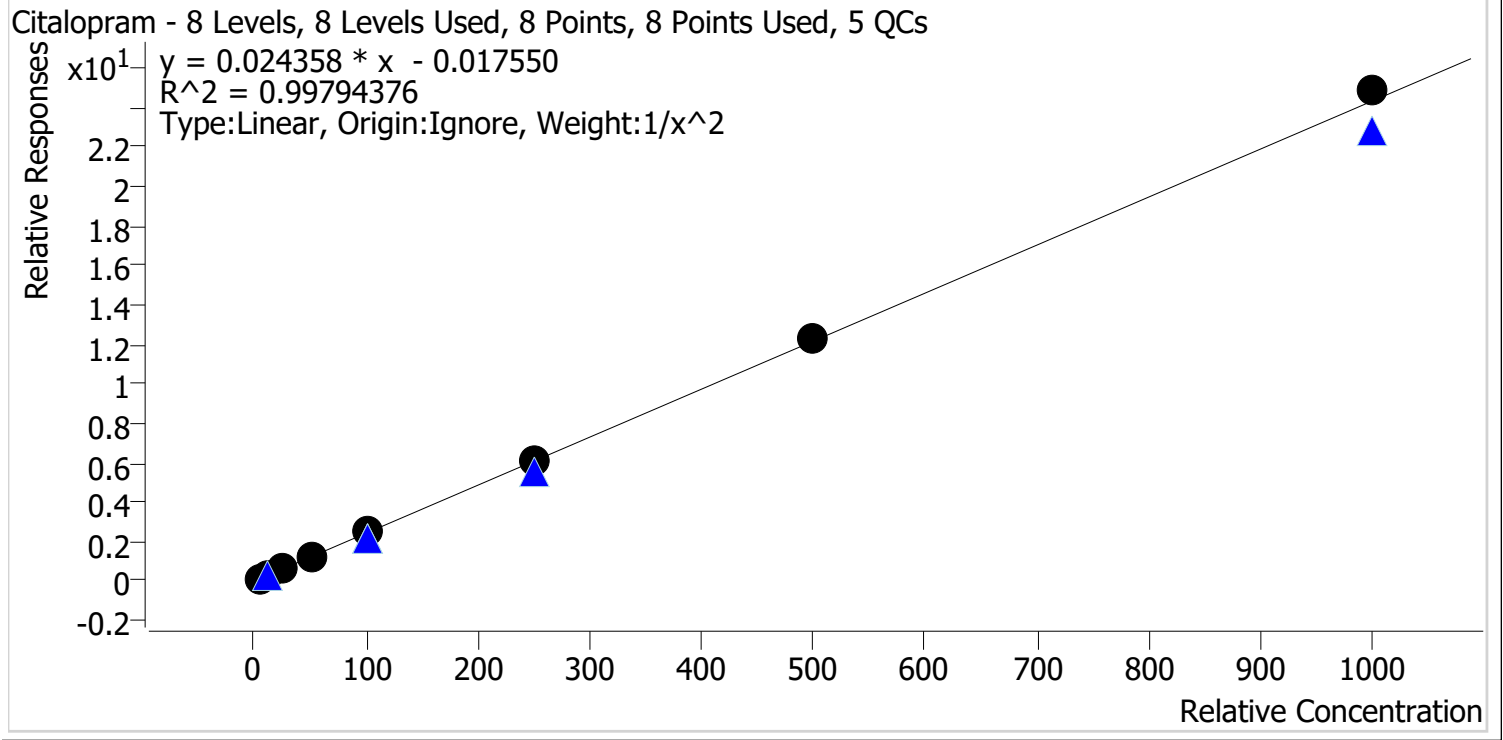


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6



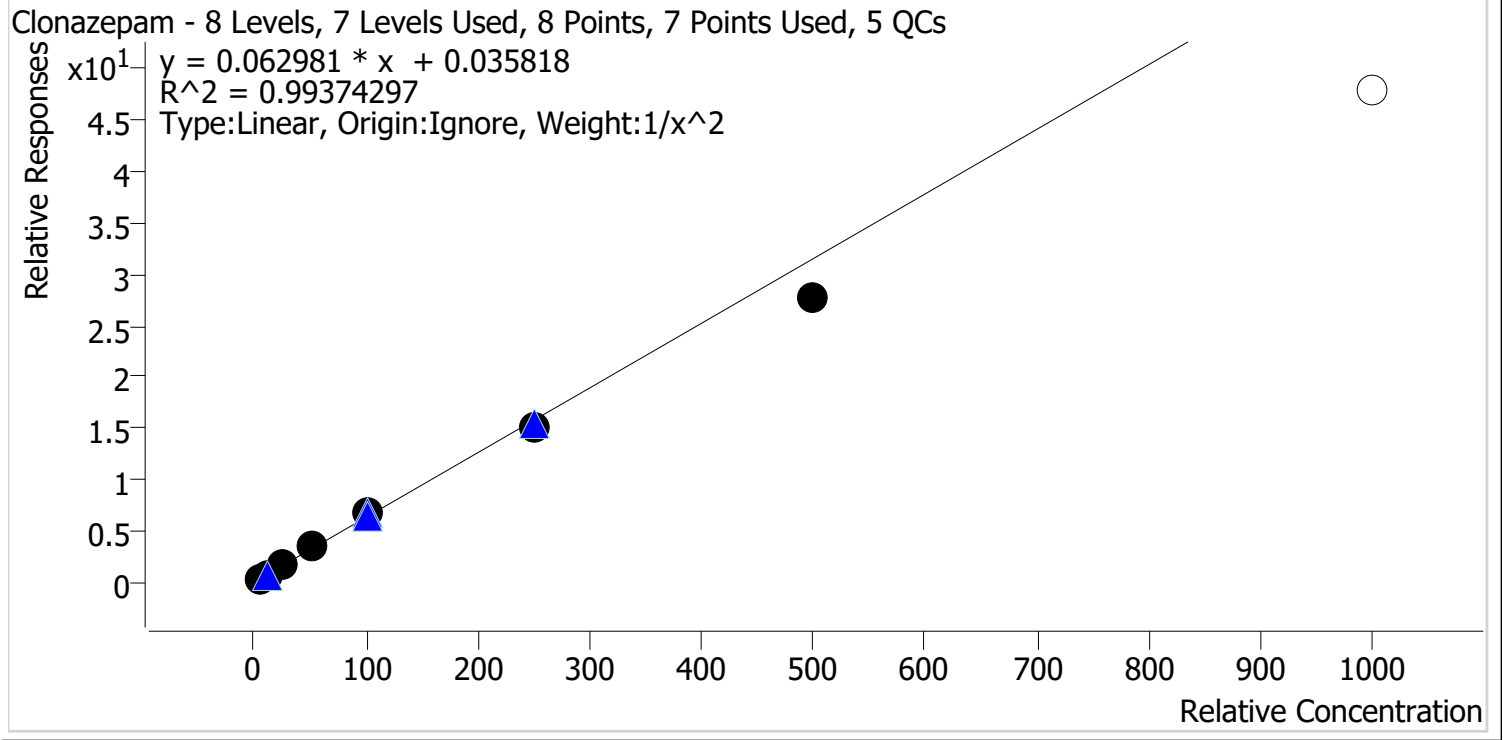
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1021.9	102.2

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	241.3	96.5
p1 Cal 7-500ng	7	✓	500.0	438.4	87.7
p1 Cal 8-1000ng	8	✗	1000.0	759.9	76.0

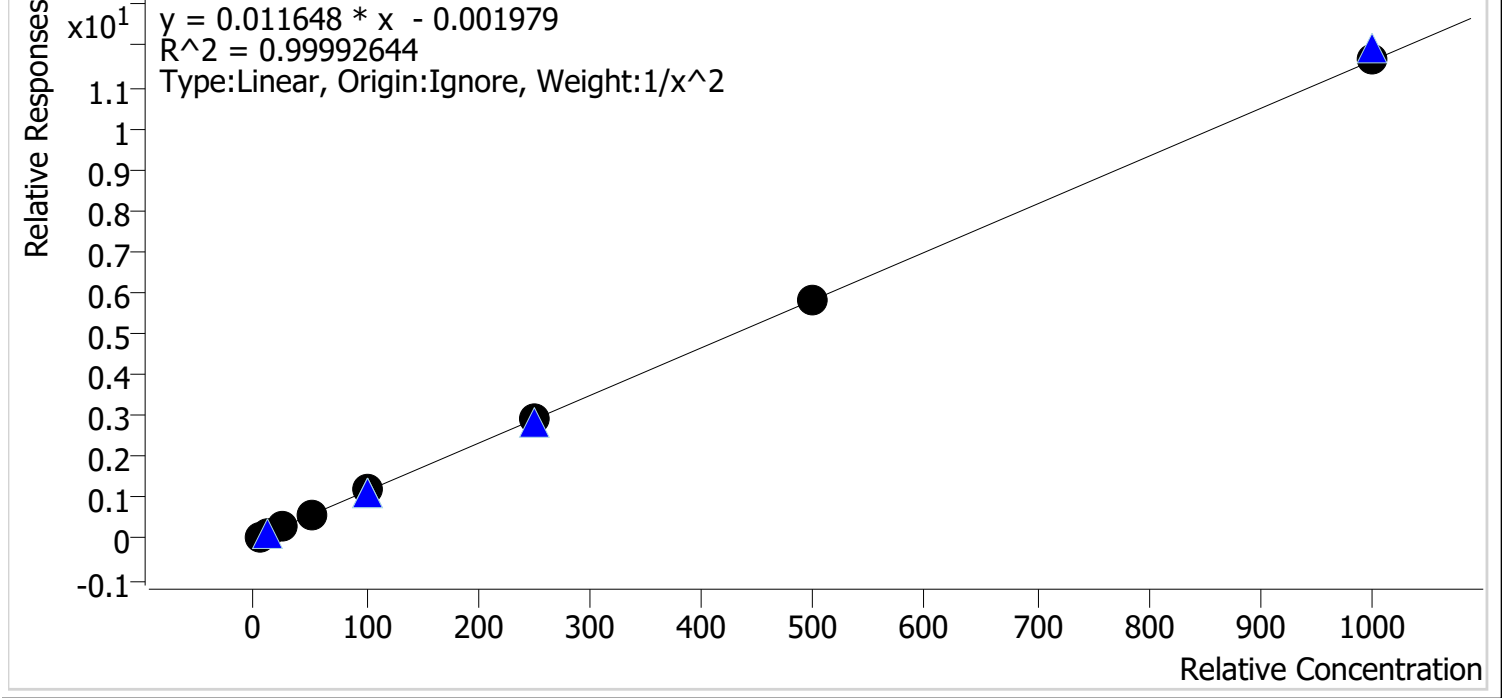
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-D3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



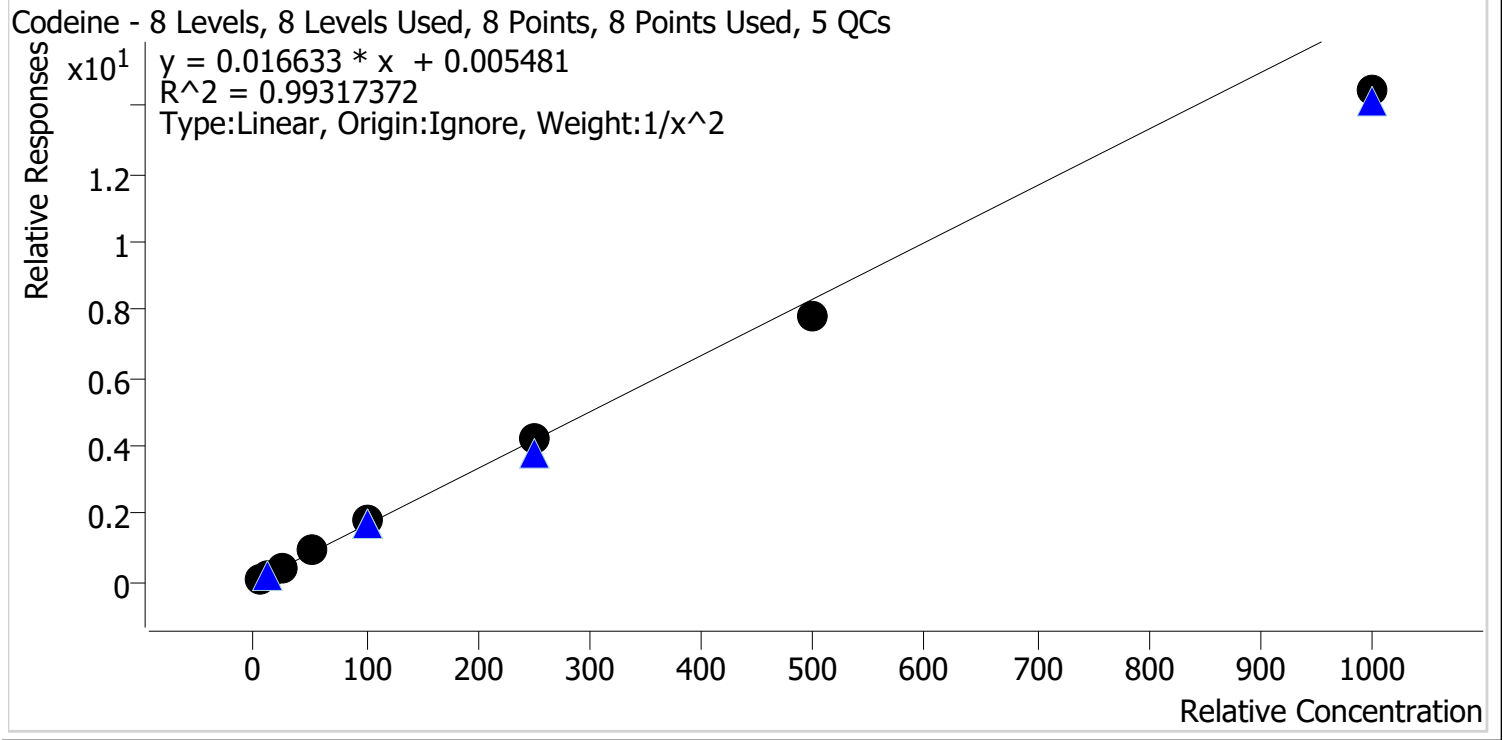
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	502.6	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1007.1	100.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	472.6	94.5
p1 Cal 8-1000ng	8	✓	1000.0	868.4	86.8

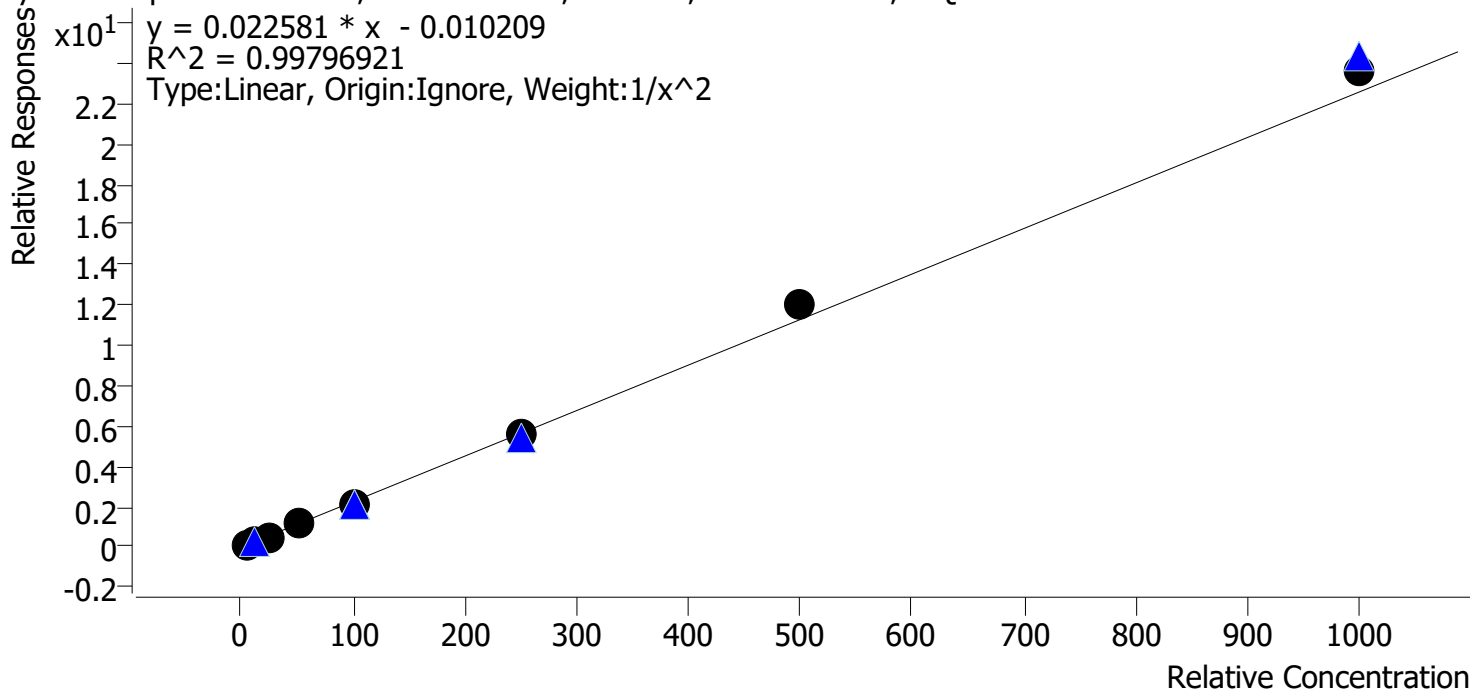
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



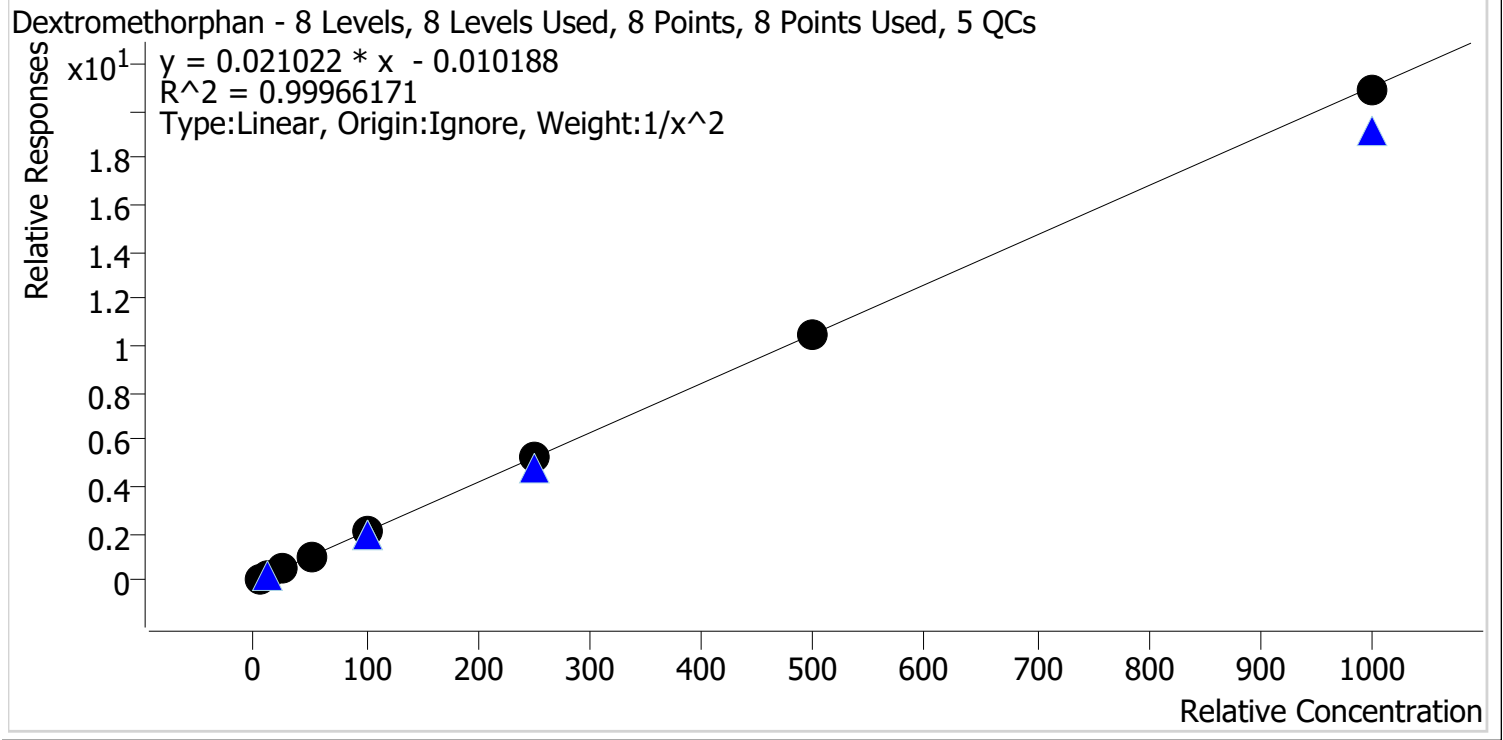
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	529.3	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1043.0	104.3

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3



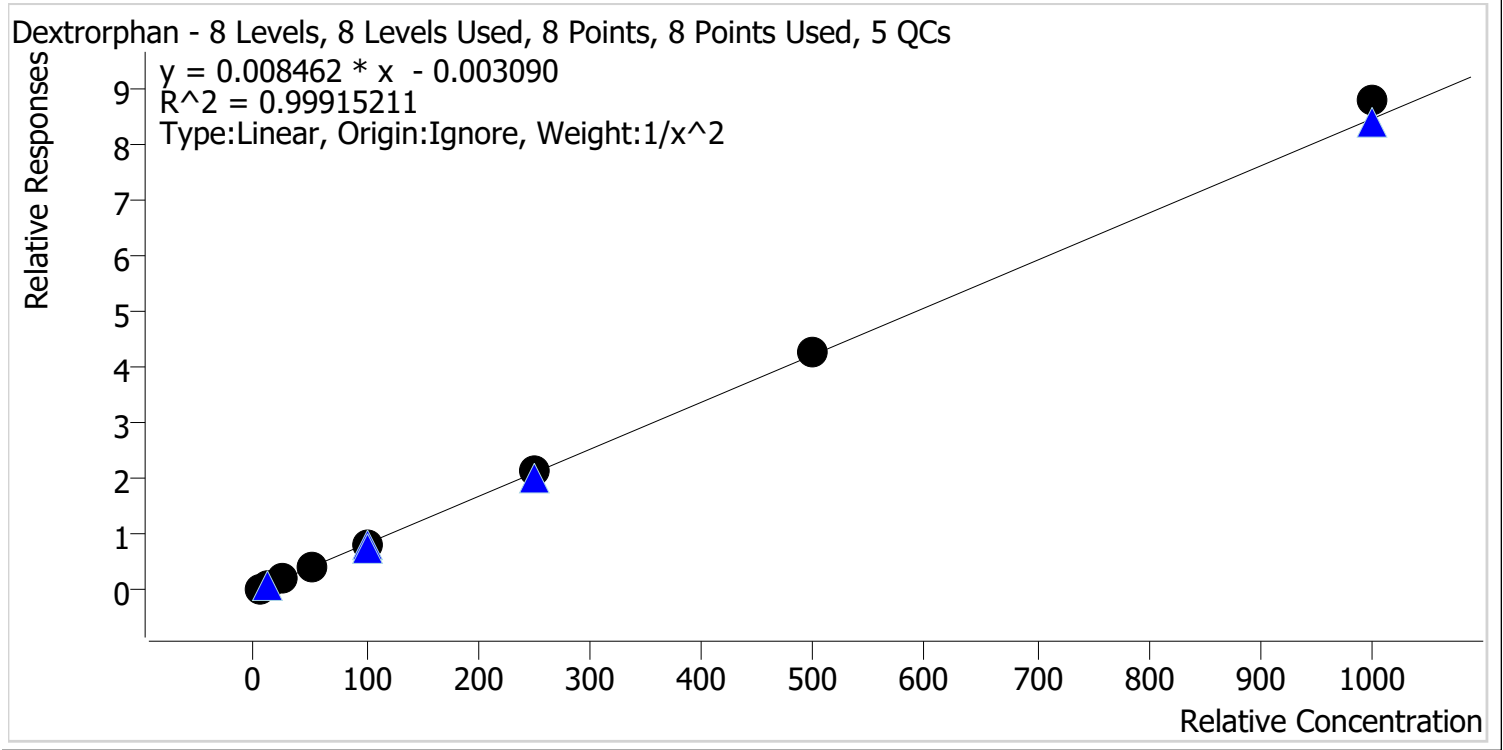
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	992.3	99.2

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextrophan Internal Standard Dextrophan-D3



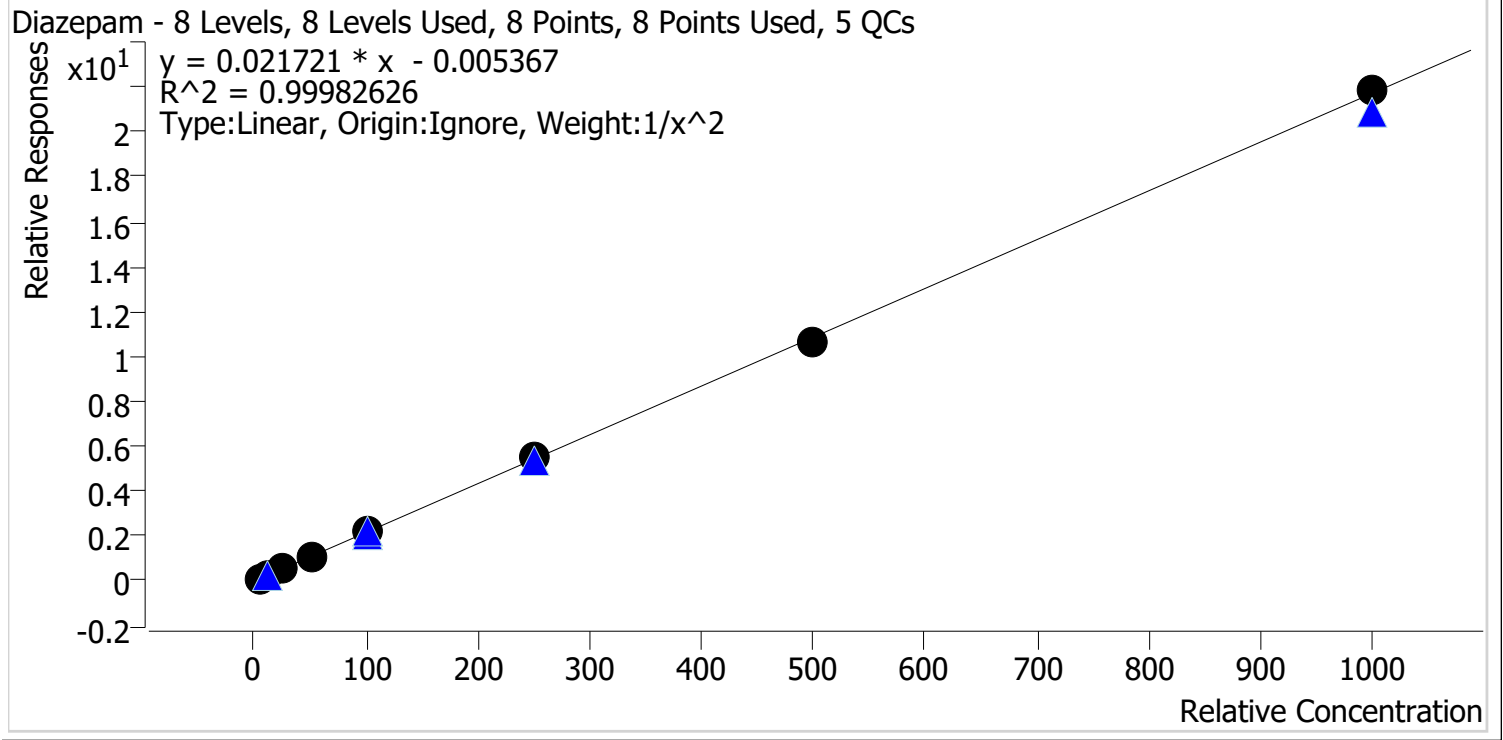
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1038.4	103.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1005.6	100.6

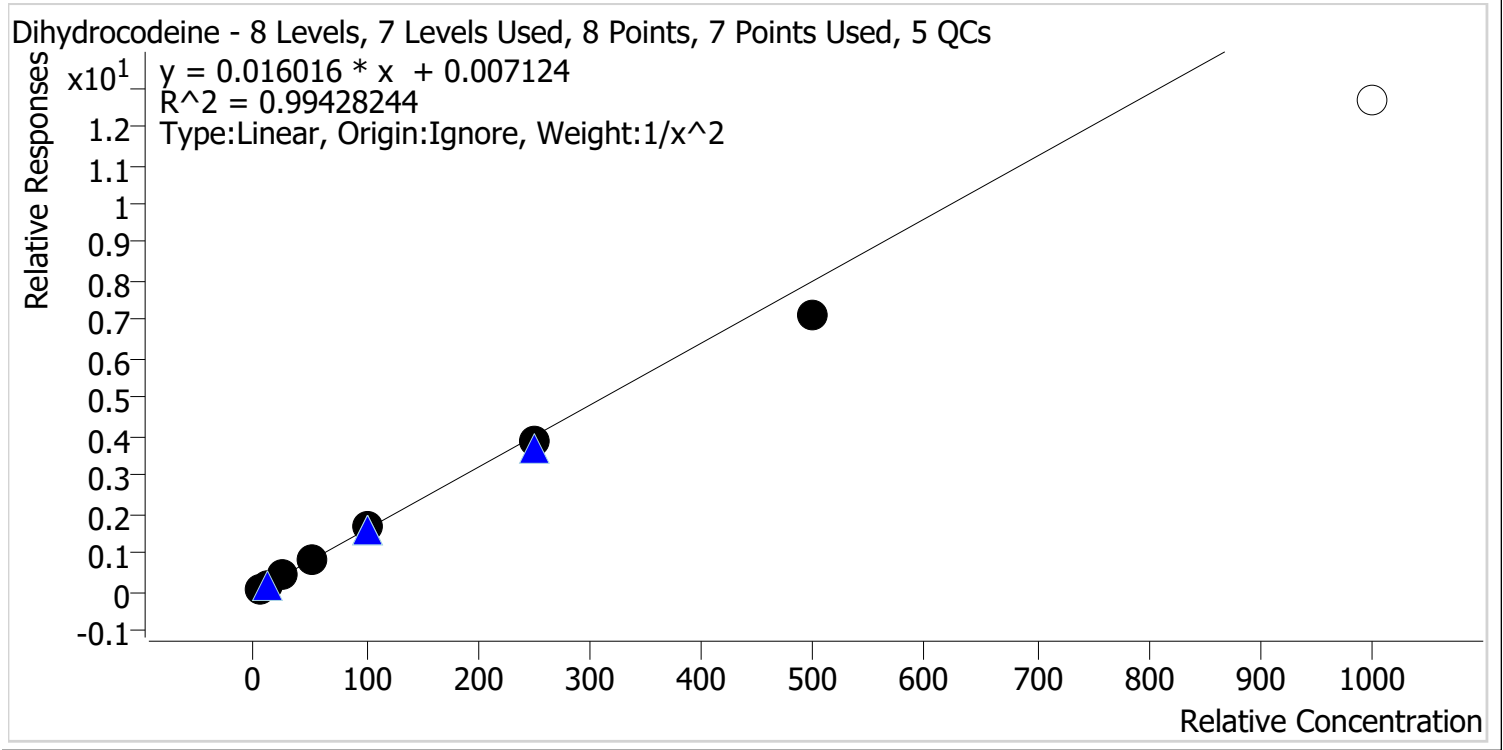


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	443.1	88.6
p1 Cal 8-1000ng	8	✗	1000.0	789.7	79.0

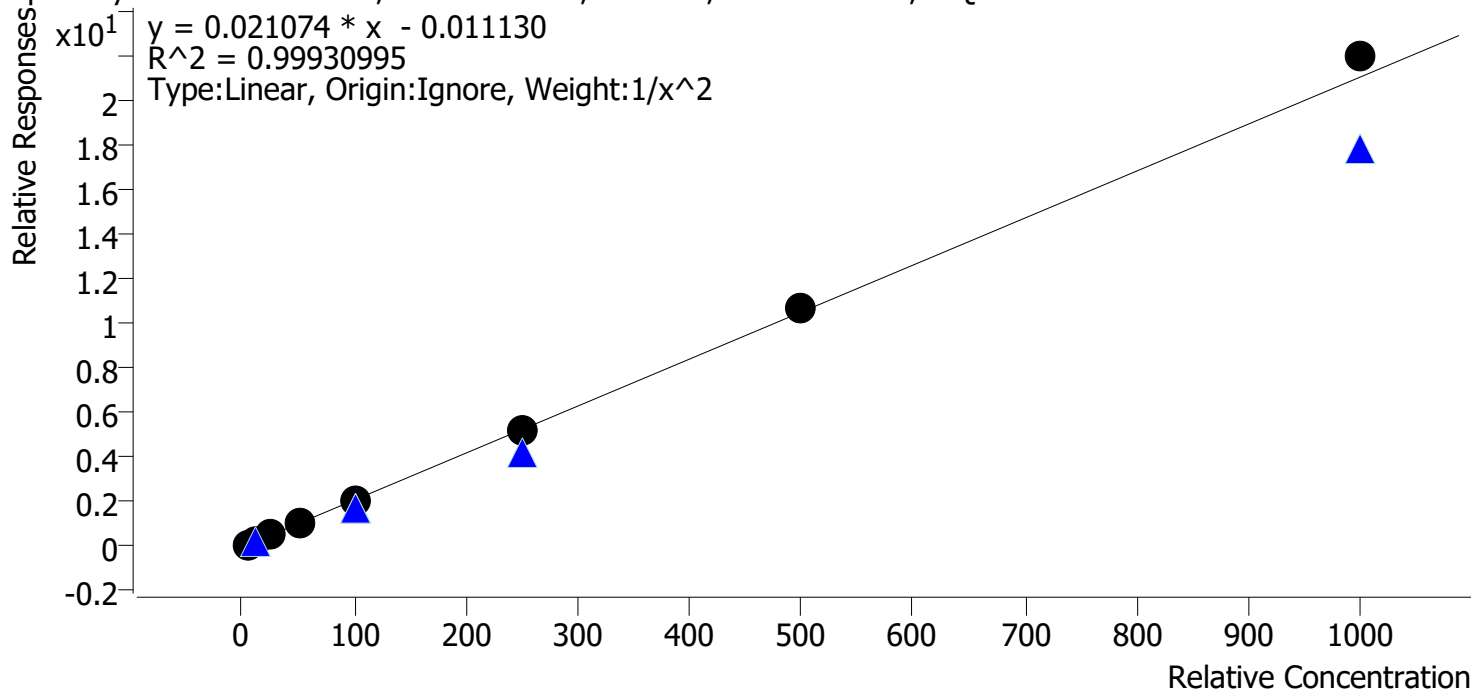
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1043.6	104.4

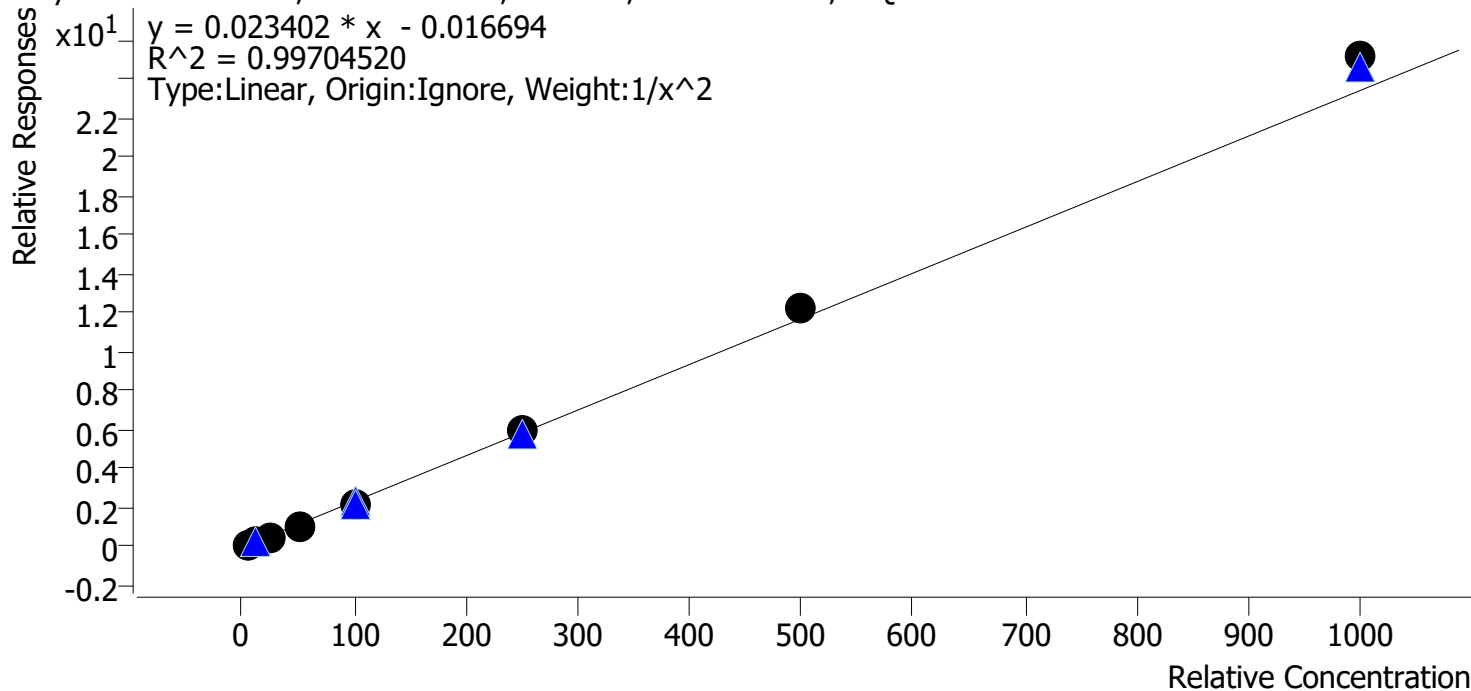
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



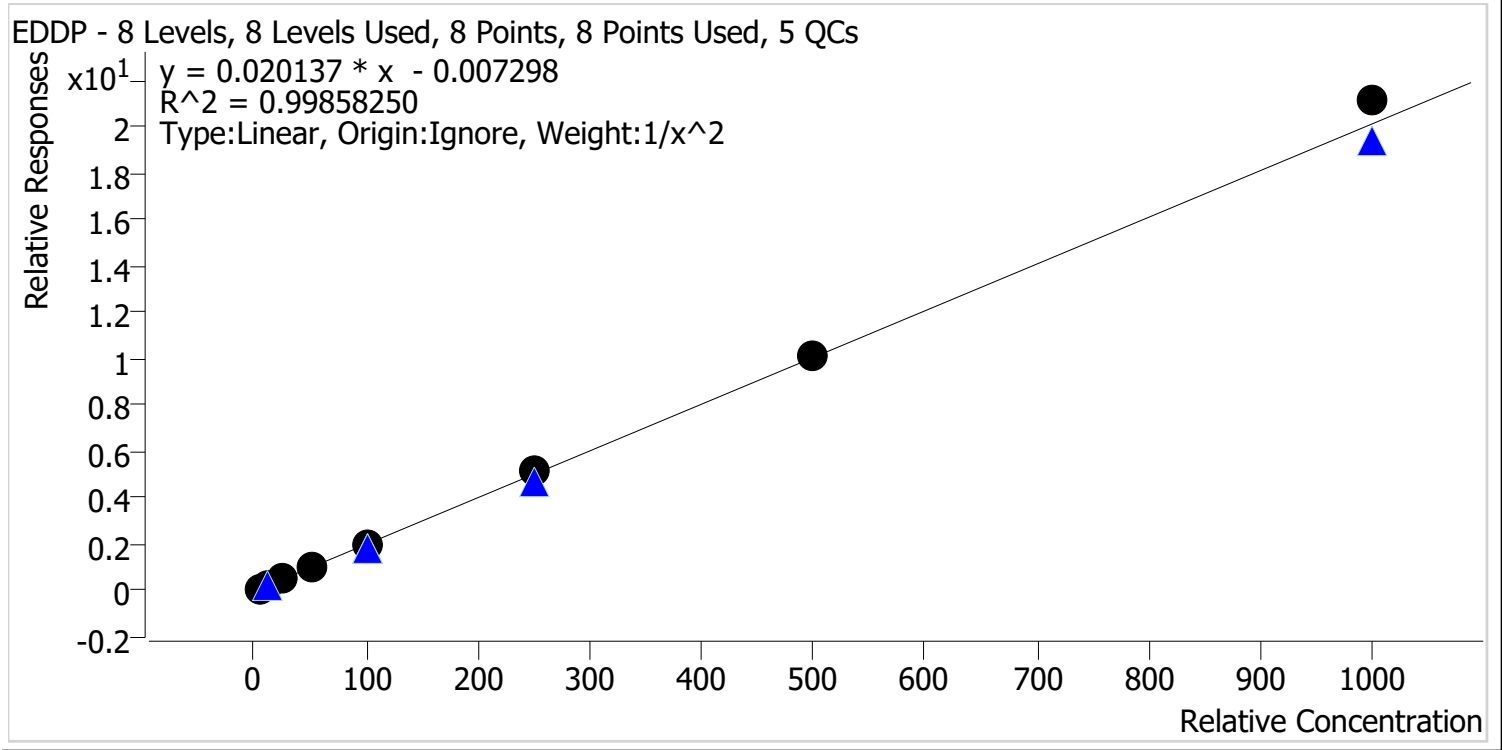
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	254.6	101.9
p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1074.3	107.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1049.9	105.0

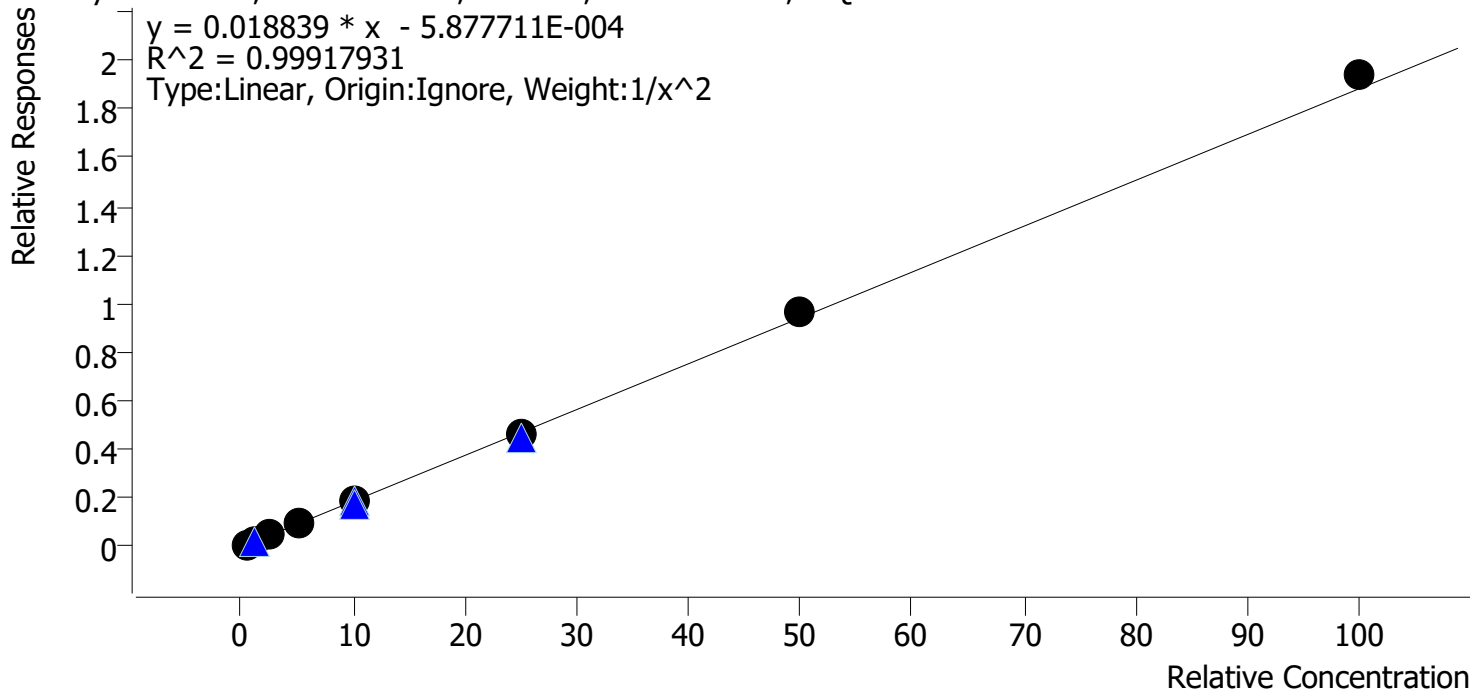
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



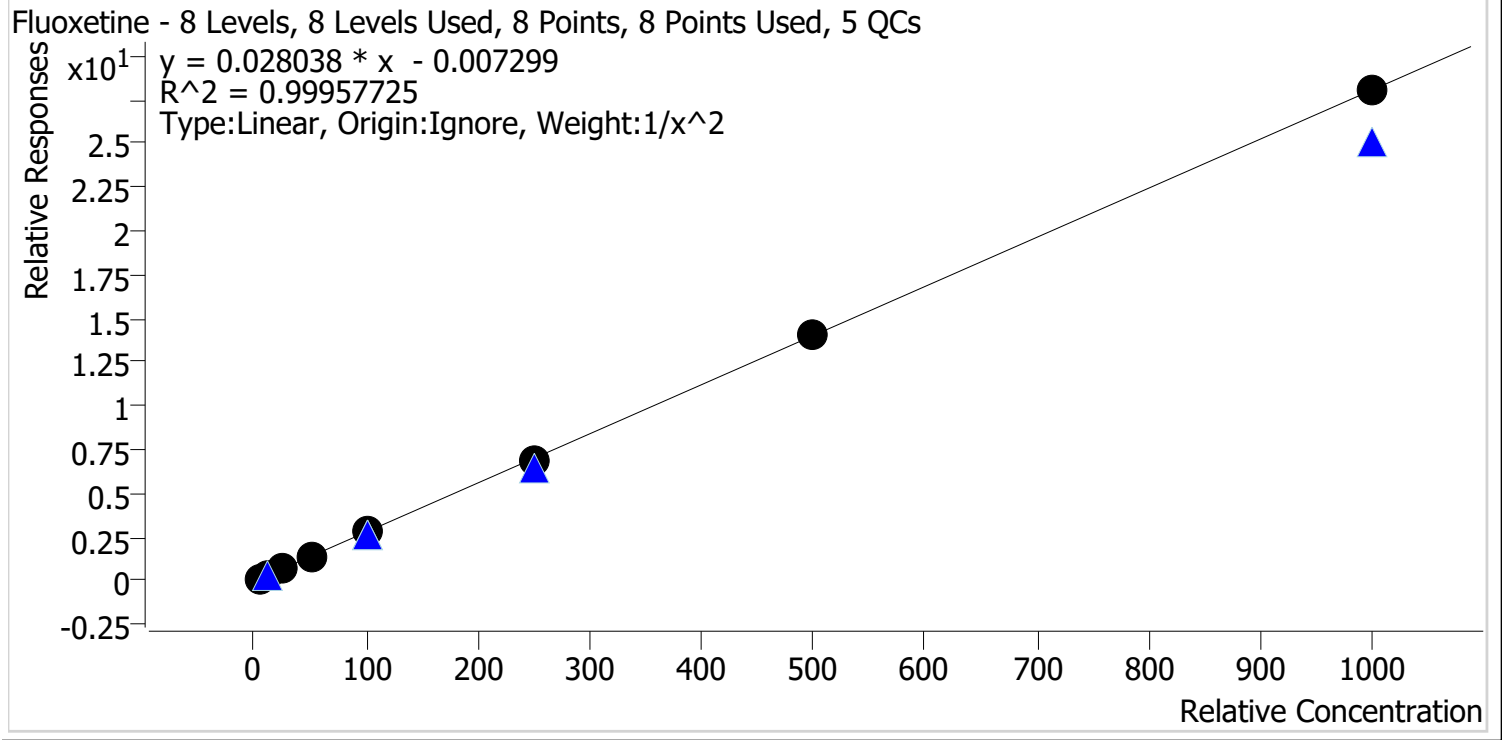
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	96.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.8
p1 Cal 4-50ng	4	✓	5.0	4.8	96.7
p1 Cal 5-100ng	5	✓	10.0	10.1	100.6
p1 Cal 6-250ng	6	✓	25.0	24.9	99.4
p1 Cal 7-500ng	7	✓	50.0	51.2	102.3
p1 Cal 8-1000ng	8	✓	100.0	102.8	102.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6



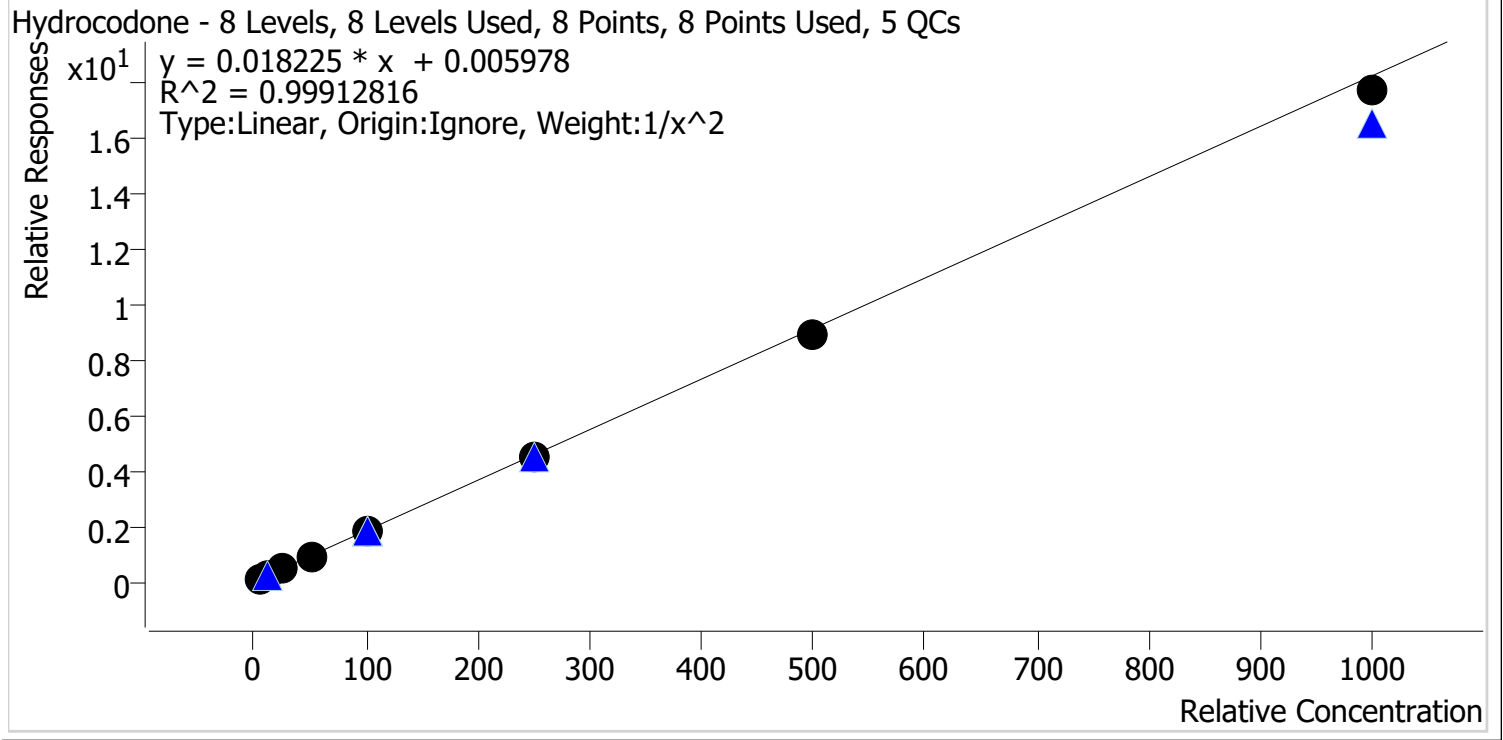
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	243.3	97.3
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	998.7	99.9

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6



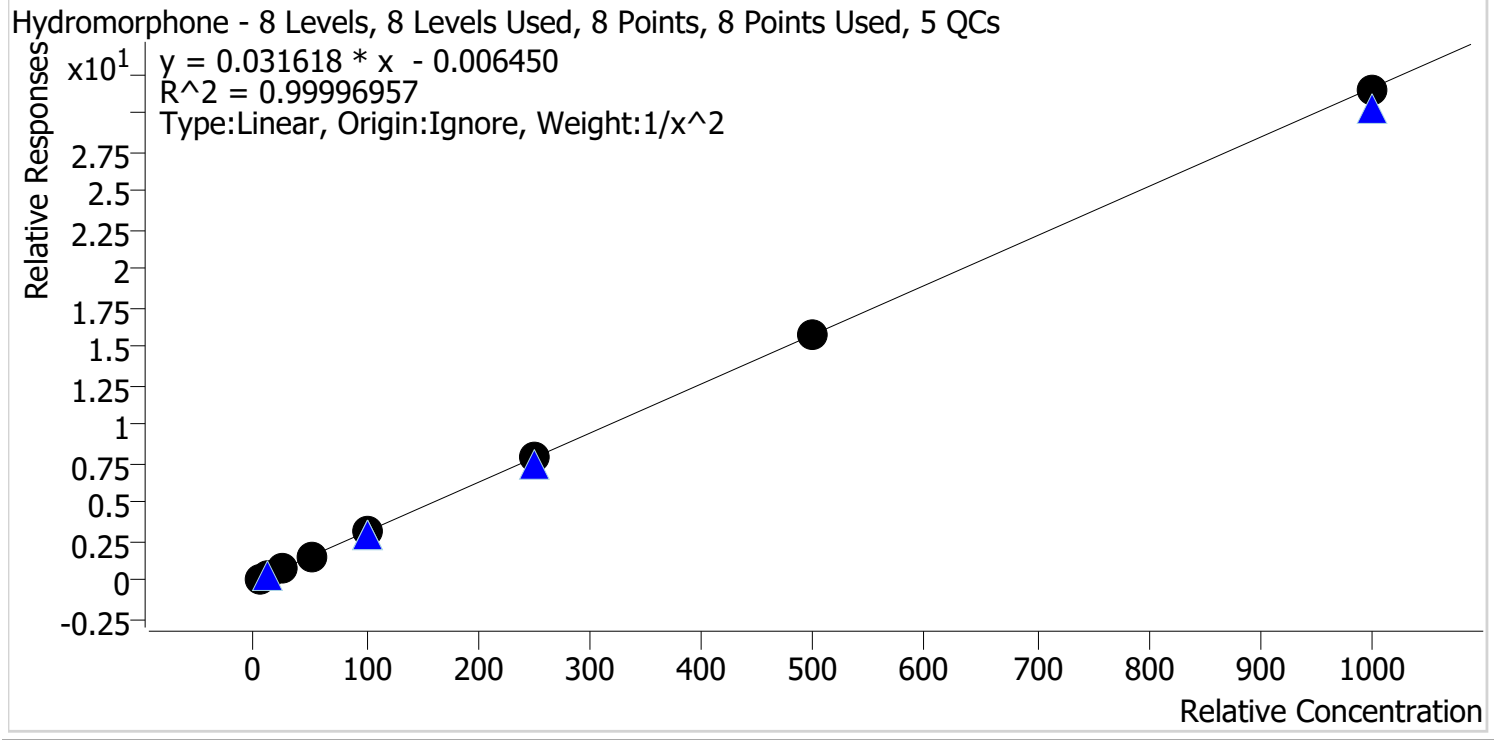
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	490.6	98.1
p1 Cal 8-1000ng	8	✓	1000.0	970.8	97.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	502.7	100.5
p1 Cal 8-1000ng	8	✓	1000.0	994.5	99.4

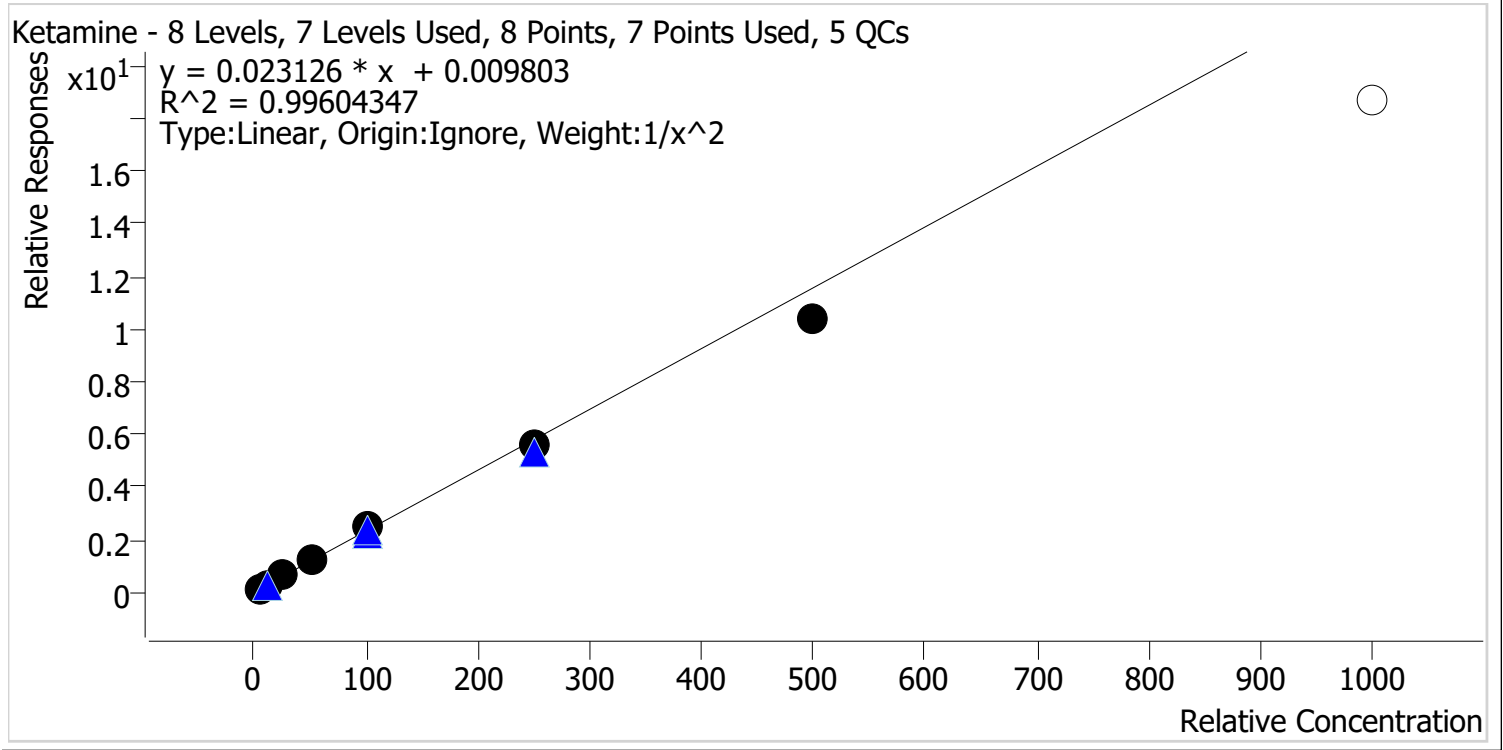


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



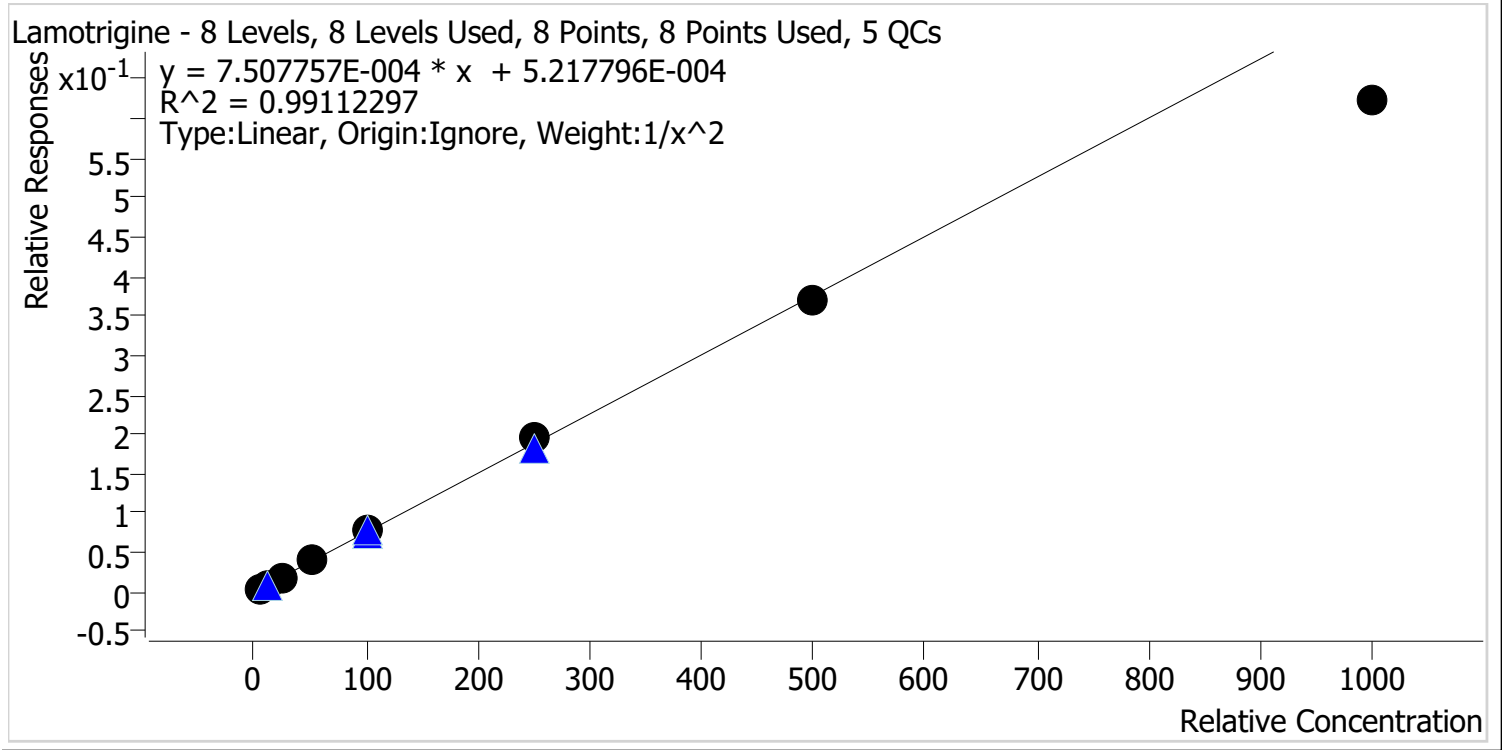
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	450.8	90.2
p1 Cal 8-1000ng	8	✗	1000.0	807.9	80.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lamotrigine **Internal Standard** Pseudoephedrine-D3



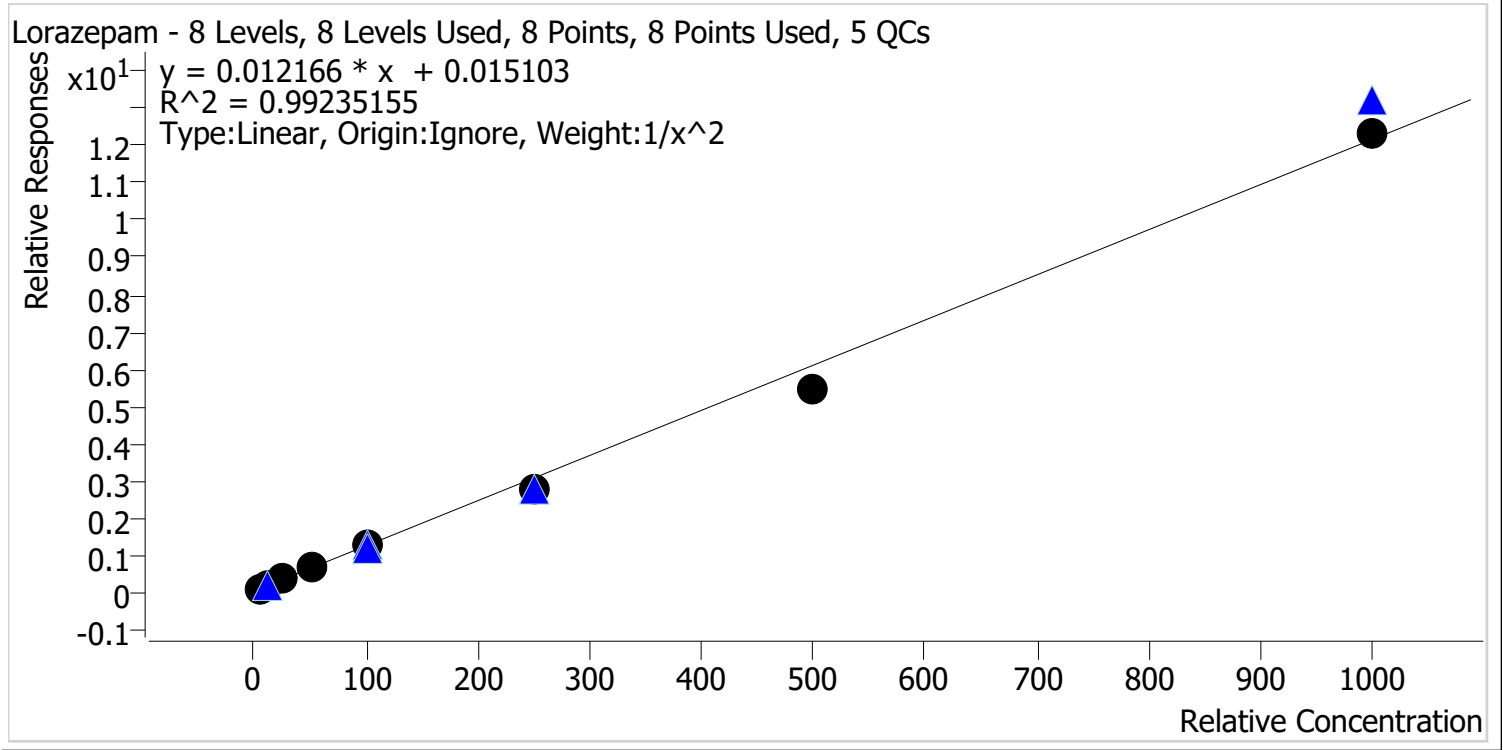
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	261.5	104.6
p1 Cal 7-500ng	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng	8	✓	1000.0	829.5	83.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5



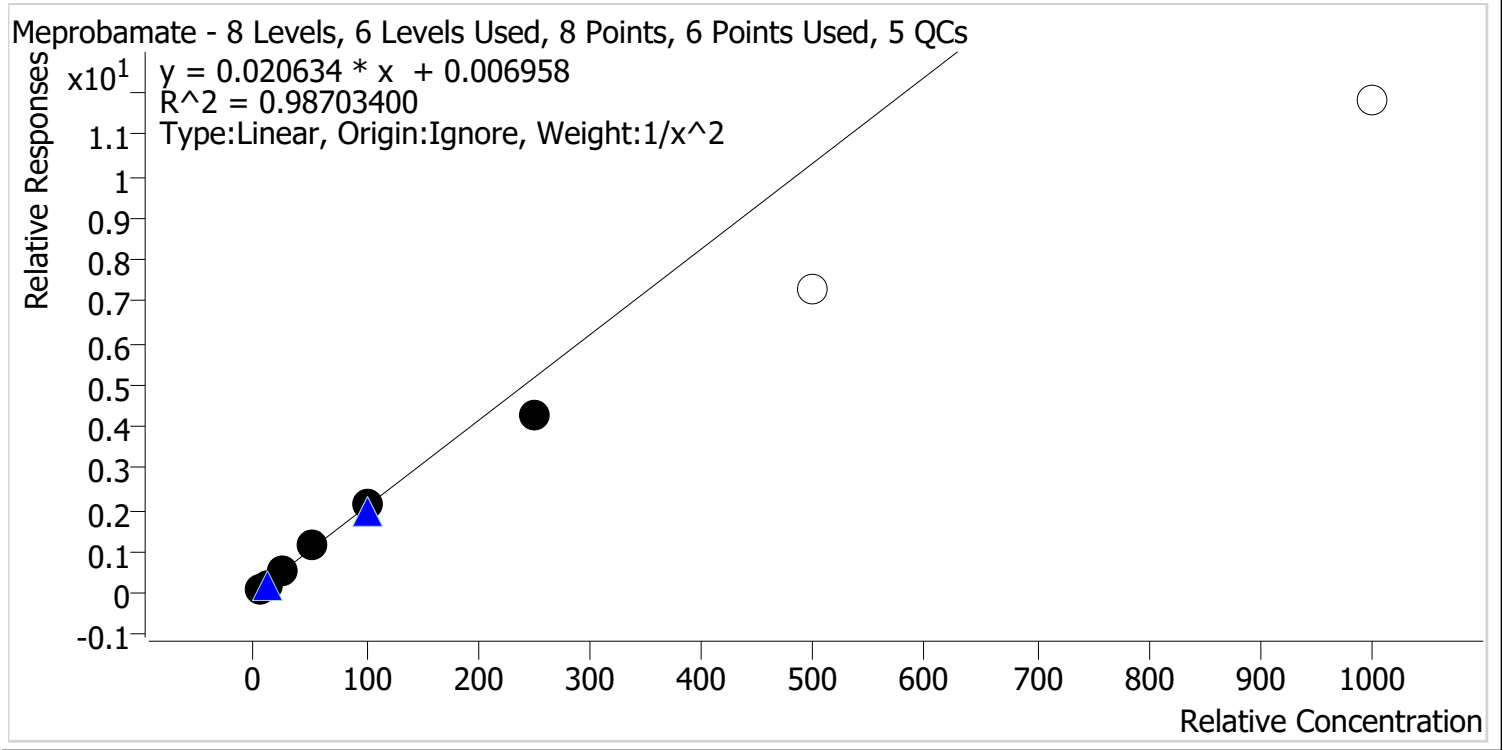
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	228.8	91.5
p1 Cal 7-500ng	7	✓	500.0	443.5	88.7
p1 Cal 8-1000ng	8	✓	1000.0	1011.5	101.2

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	208.0	83.2
p1 Cal 7-500ng	7	x	500.0	354.8	71.0
p1 Cal 8-1000ng	8	x	1000.0	572.3	57.2

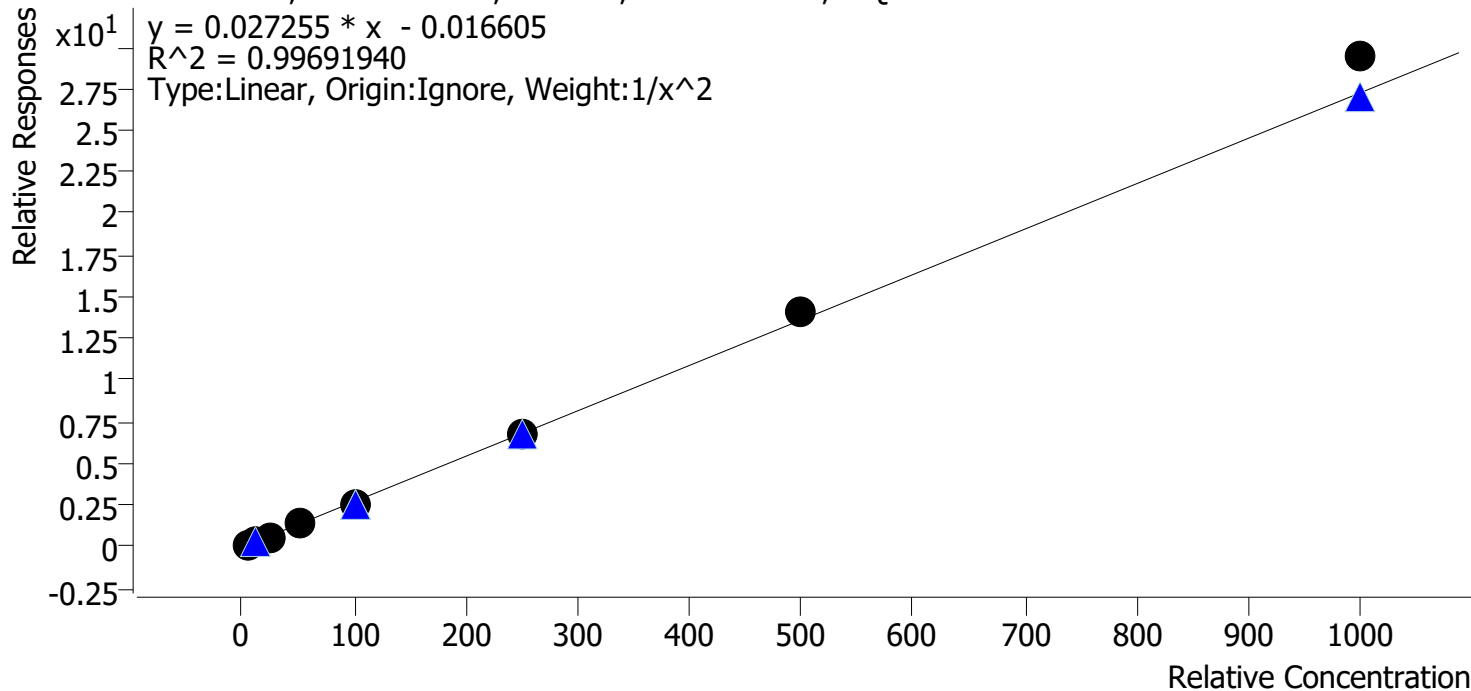
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9

Methadone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



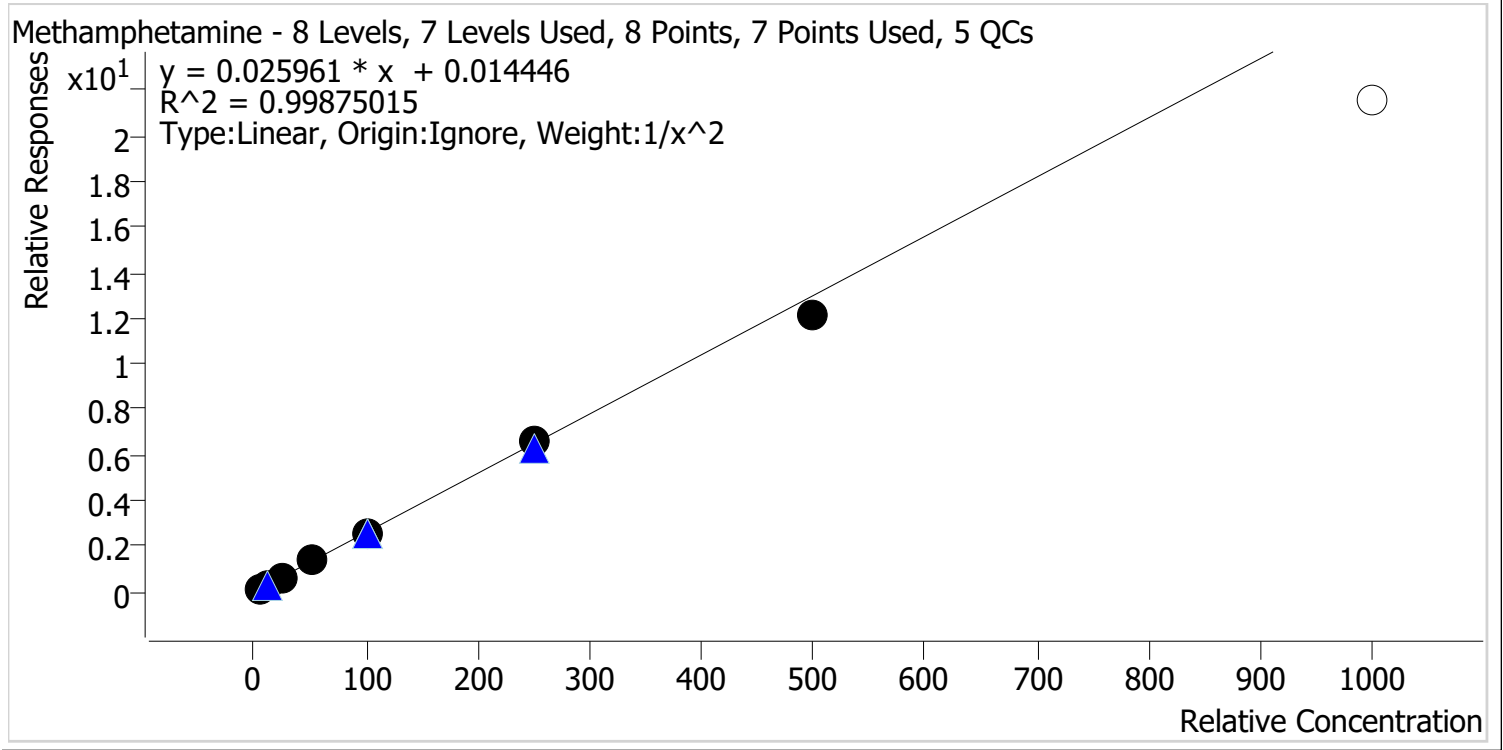
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	9.5	95.0
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1079.8	108.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11



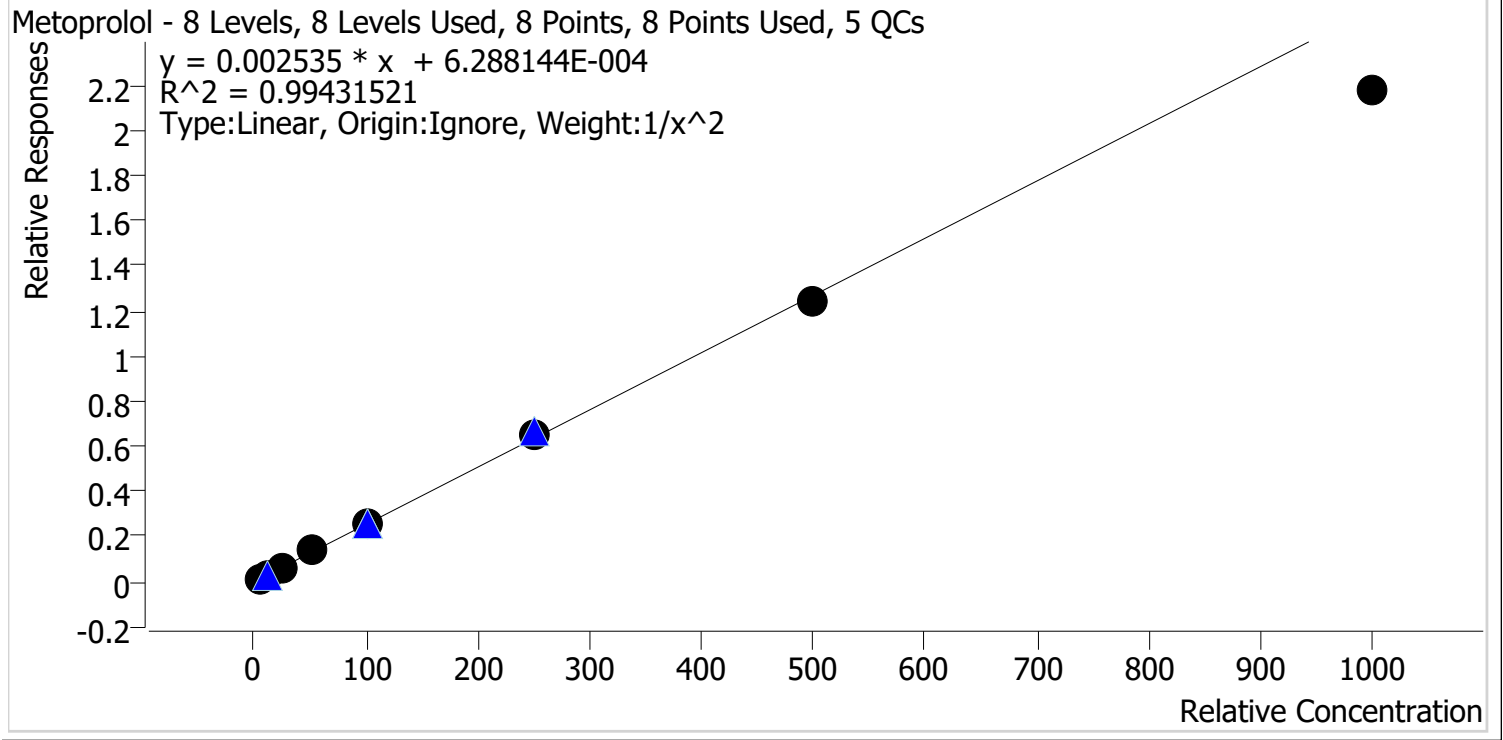
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	469.4	93.9
p1 Cal 8-1000ng	8	✗	1000.0	829.1	82.9

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	258.1	103.3
p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
p1 Cal 8-1000ng	8	✓	1000.0	858.1	85.8

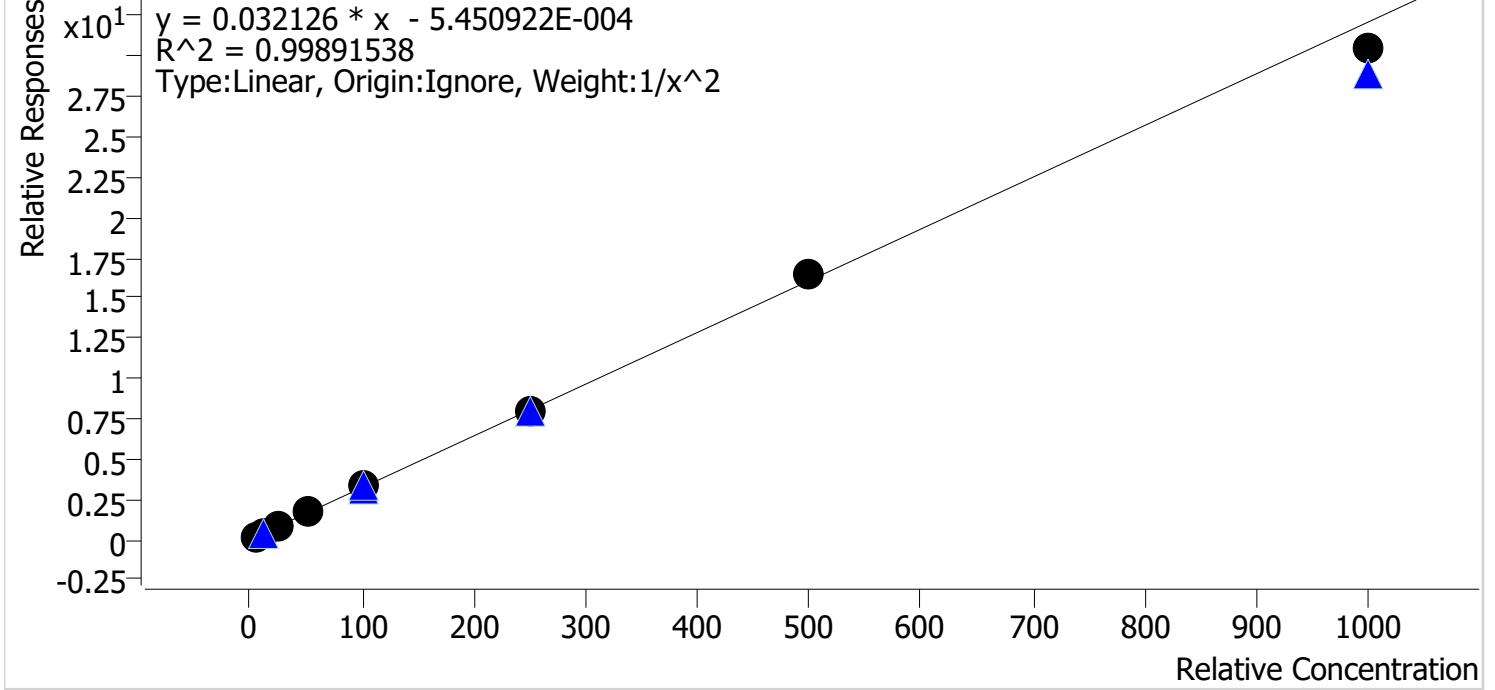
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-D8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	948.7	94.9

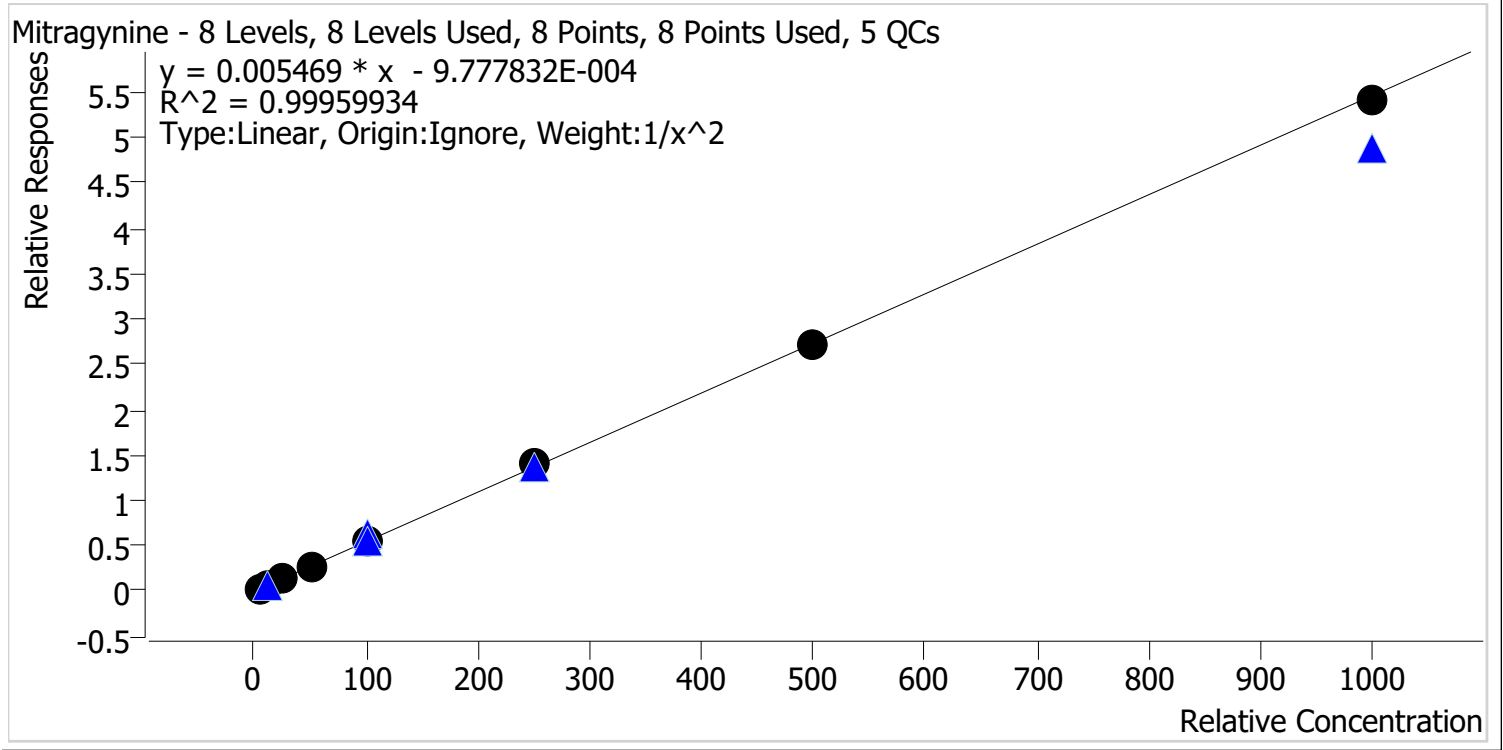


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



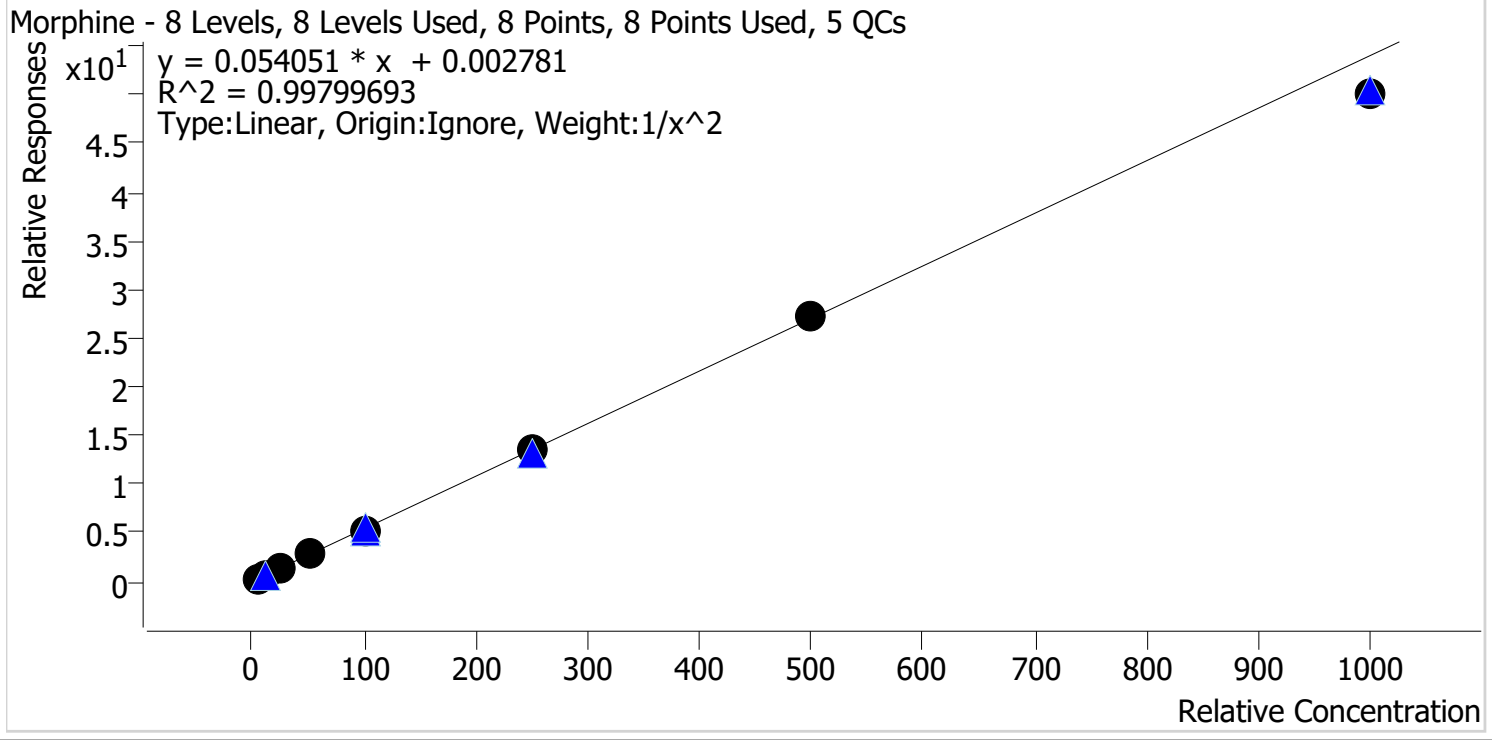
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	990.1	99.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/27/2024 9:57 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	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	927.8	92.8

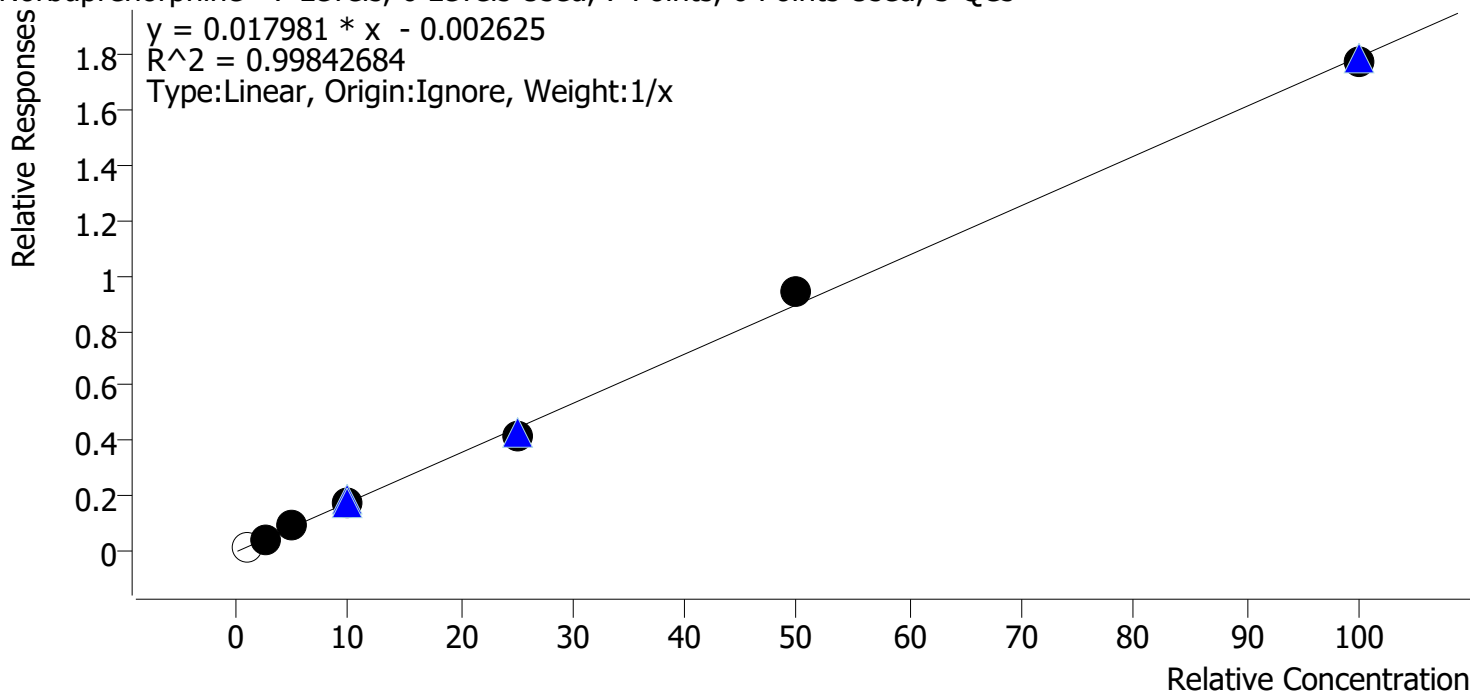
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 7 Levels, 6 Levels Used, 7 Points, 6 Points Used, 5 QCs



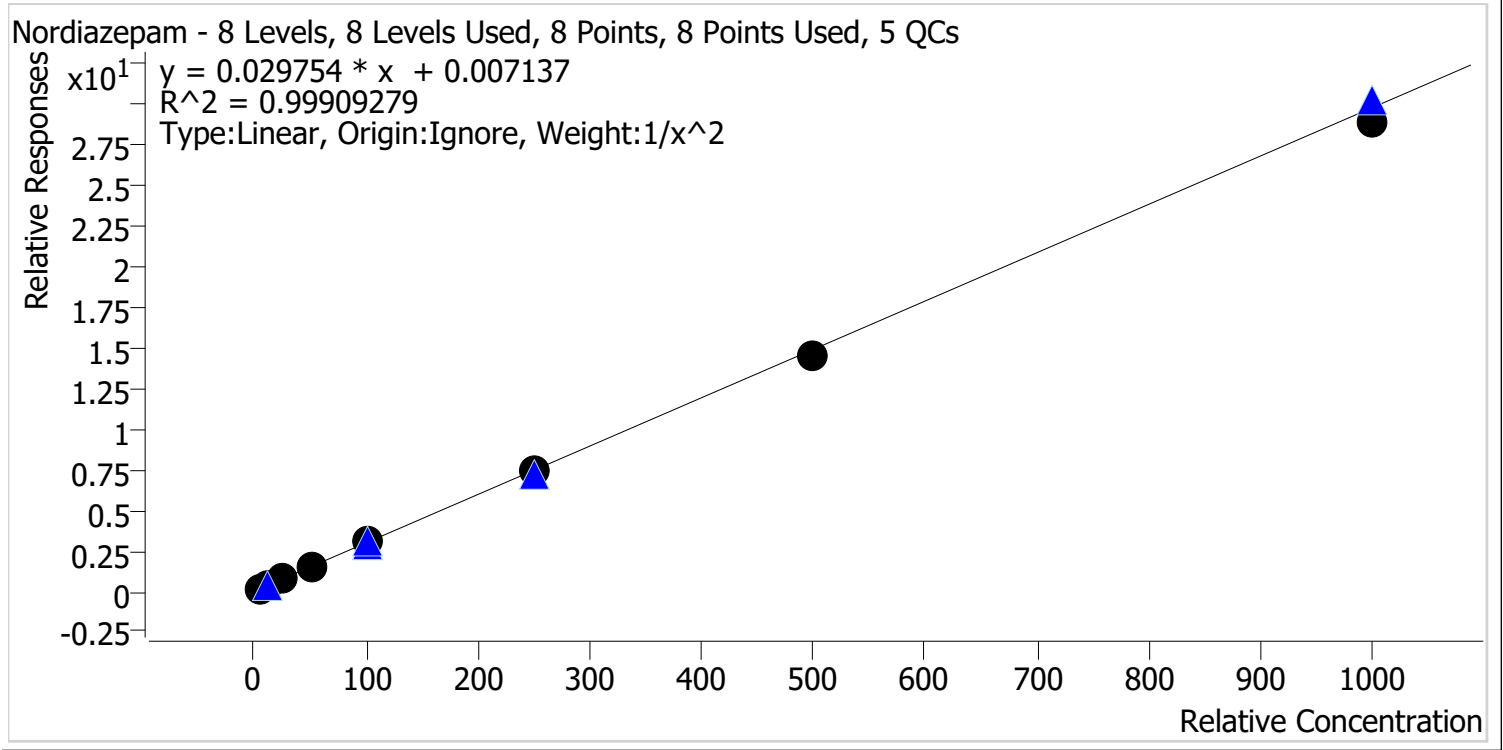
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	x	1.0	1.1	106.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.7
p1 Cal 4-50ng	4	✓	5.0	5.3	106.0
p1 Cal 5-100ng	5	✓	10.0	9.9	98.7
p1 Cal 6-250ng	6	✓	25.0	23.5	93.8
p1 Cal 7-500ng	7	✓	50.0	52.3	104.6
p1 Cal 8-1000ng	8	✓	100.0	99.1	99.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	969.6	97.0

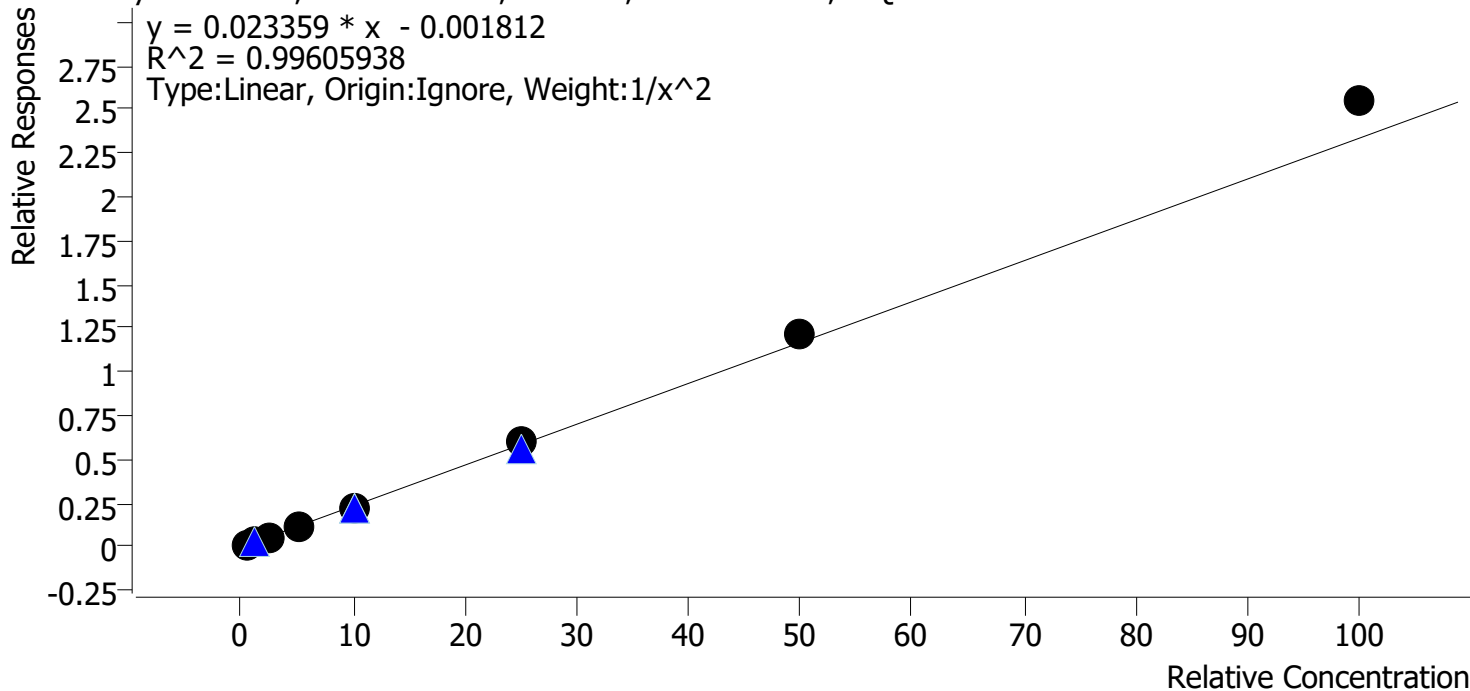
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norfentanyl **Internal Standard** Norfentanyl-D5

Norfentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.3
p1 Cal 2-10ng	2	✓	1.0	0.9	94.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.8	95.4
p1 Cal 5-100ng	5	✓	10.0	9.6	95.7
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	51.8	103.6
p1 Cal 8-1000ng	8	✓	100.0	108.9	108.9

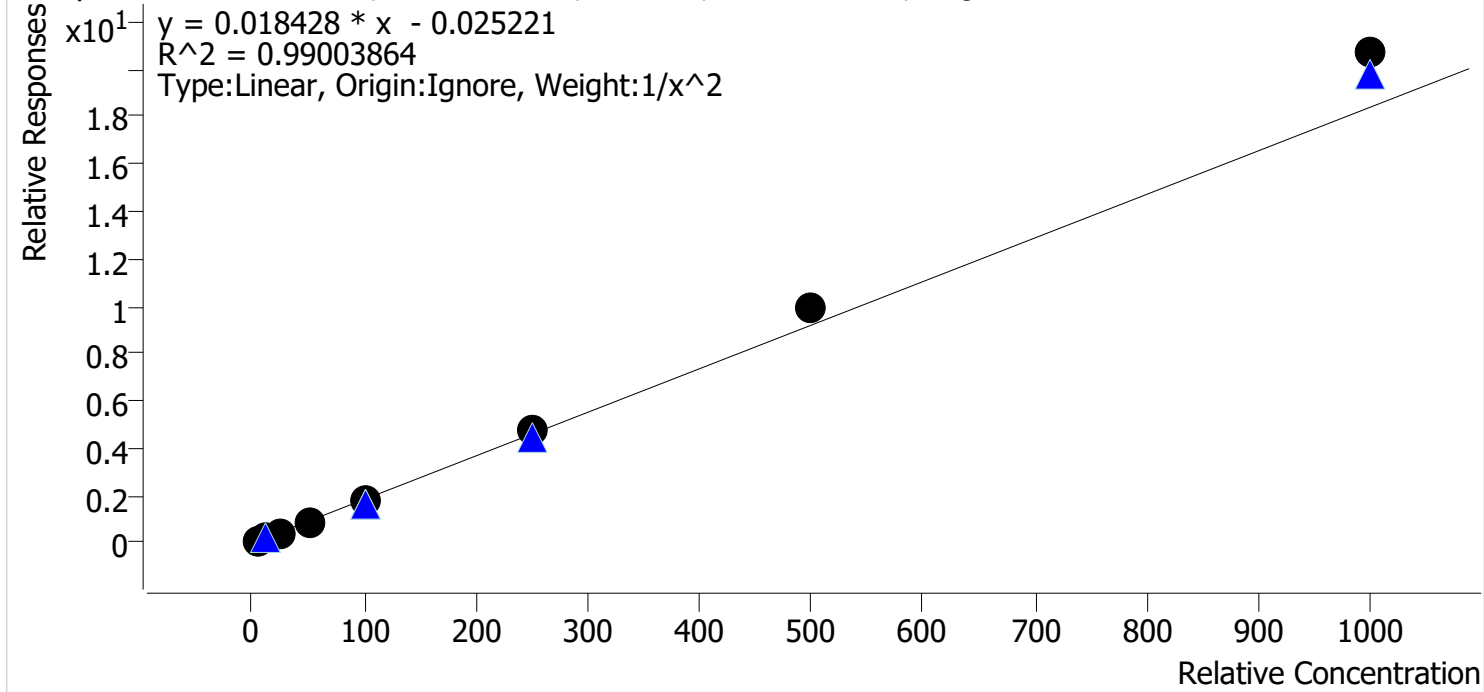
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



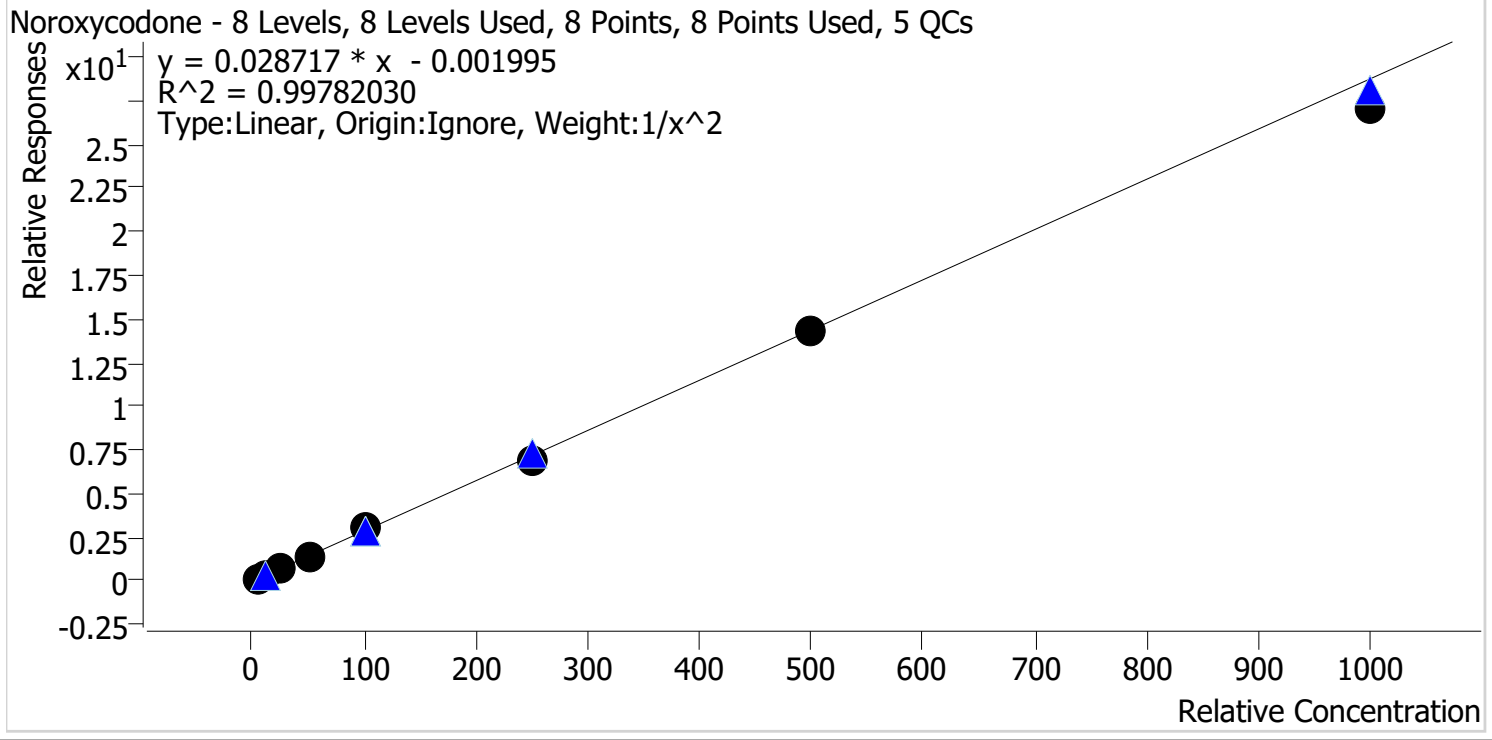
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.3
p1 Cal 2-10ng	2	✓	10.0	9.1	91.1
p1 Cal 3 -25ng	3	✓	25.0	22.2	89.0
p1 Cal 4-50ng	4	✓	50.0	46.4	92.8
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	536.2	107.2
p1 Cal 8-1000ng	8	✓	1000.0	1125.4	112.5

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



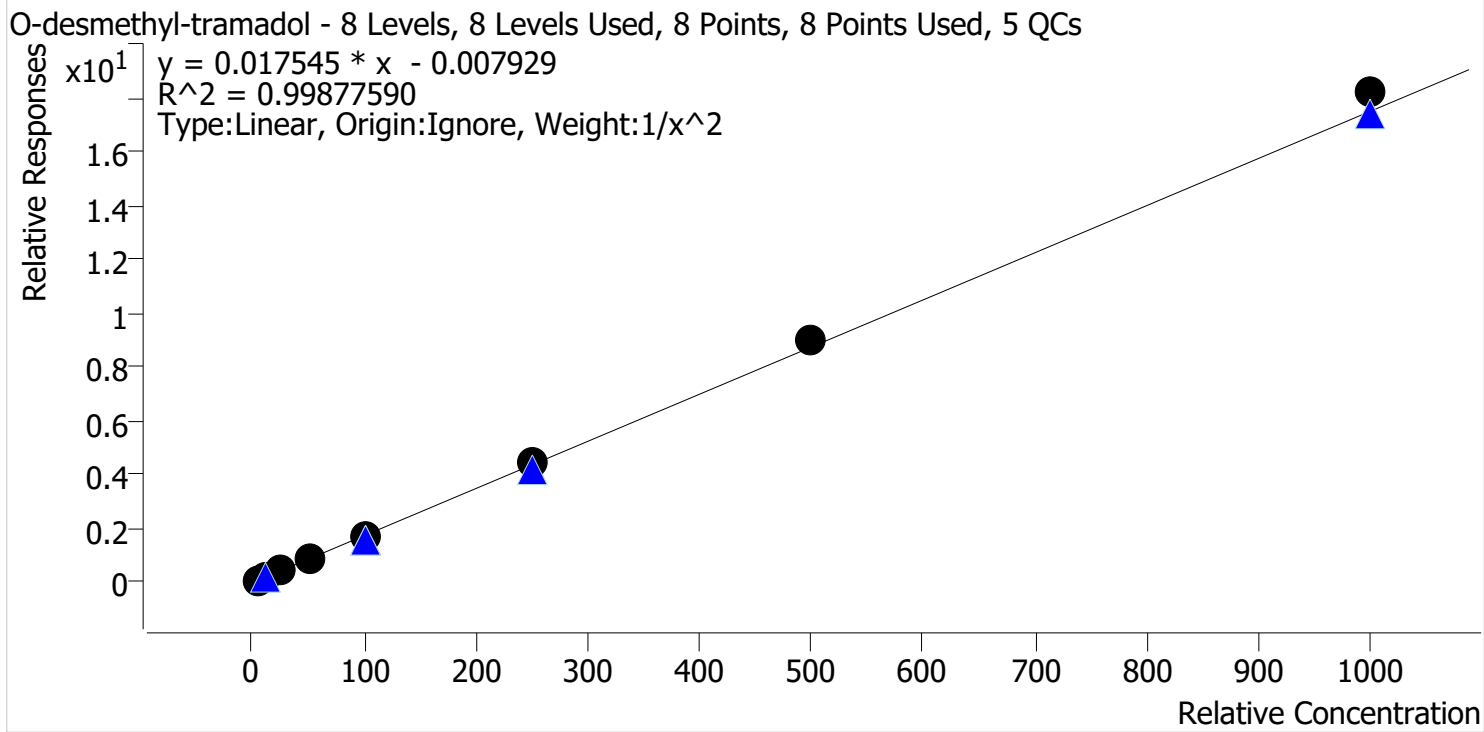
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	944.5	94.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1040.5	104.1

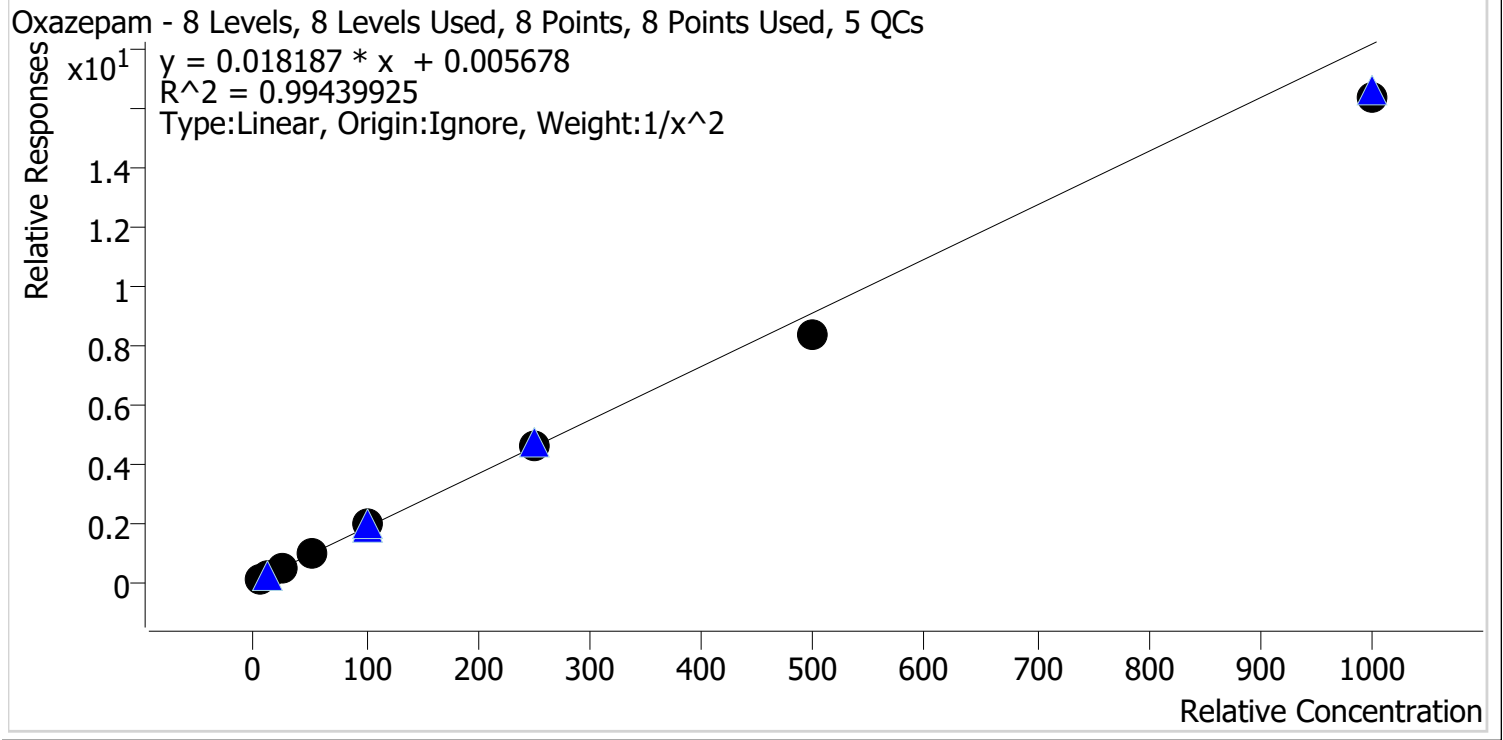


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5



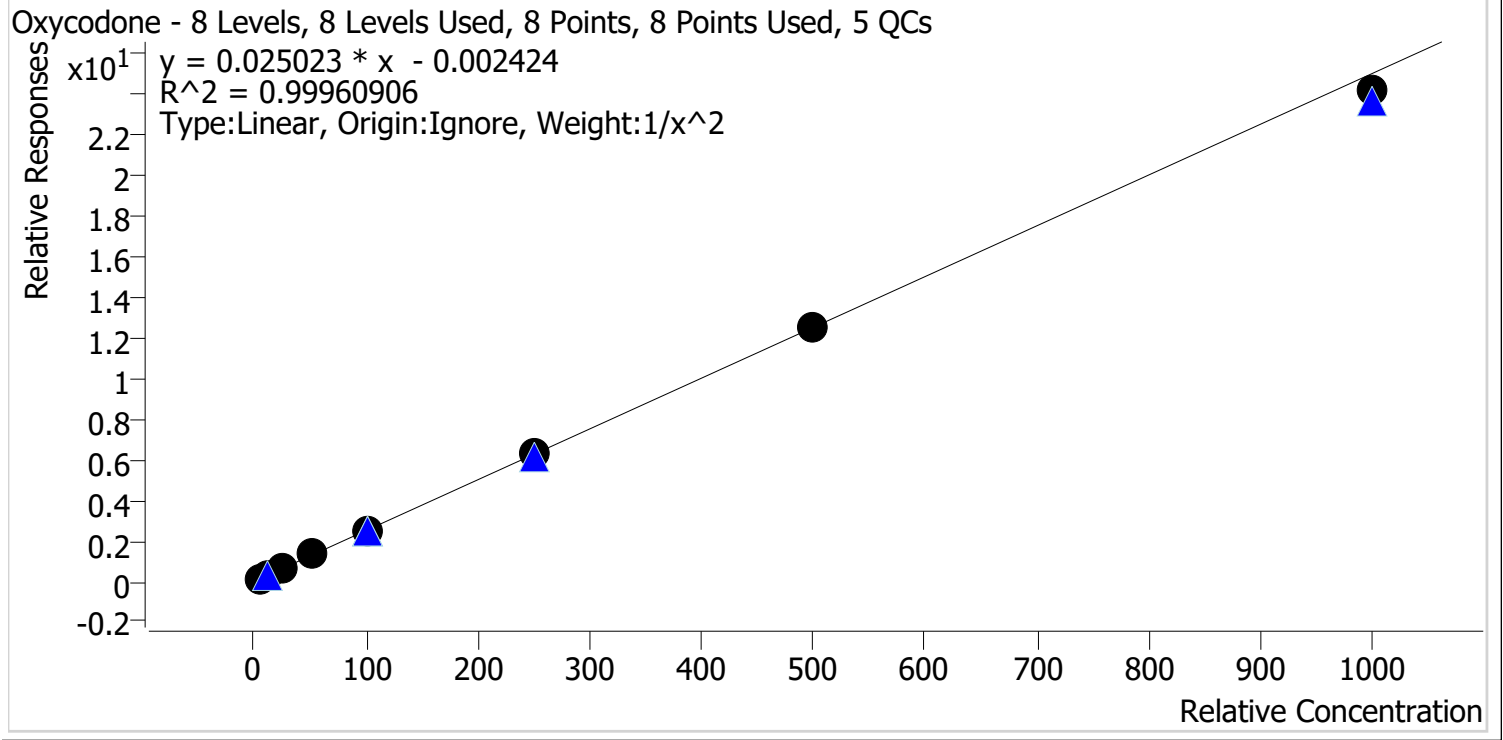
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	459.8	92.0
p1 Cal 8-1000ng	8	✓	1000.0	898.3	89.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6



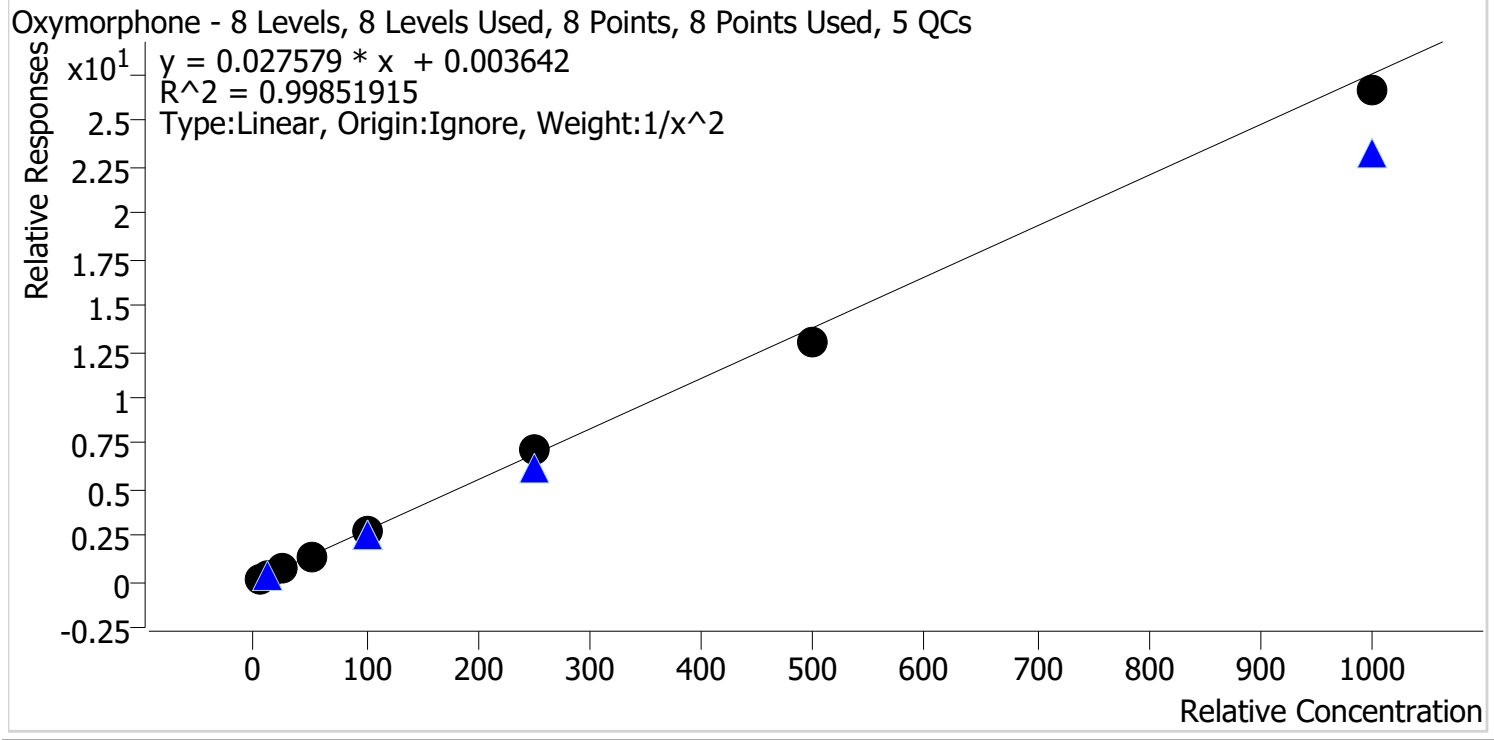
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	500.3	100.1
p1 Cal 8-1000ng	8	✓	1000.0	966.3	96.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3



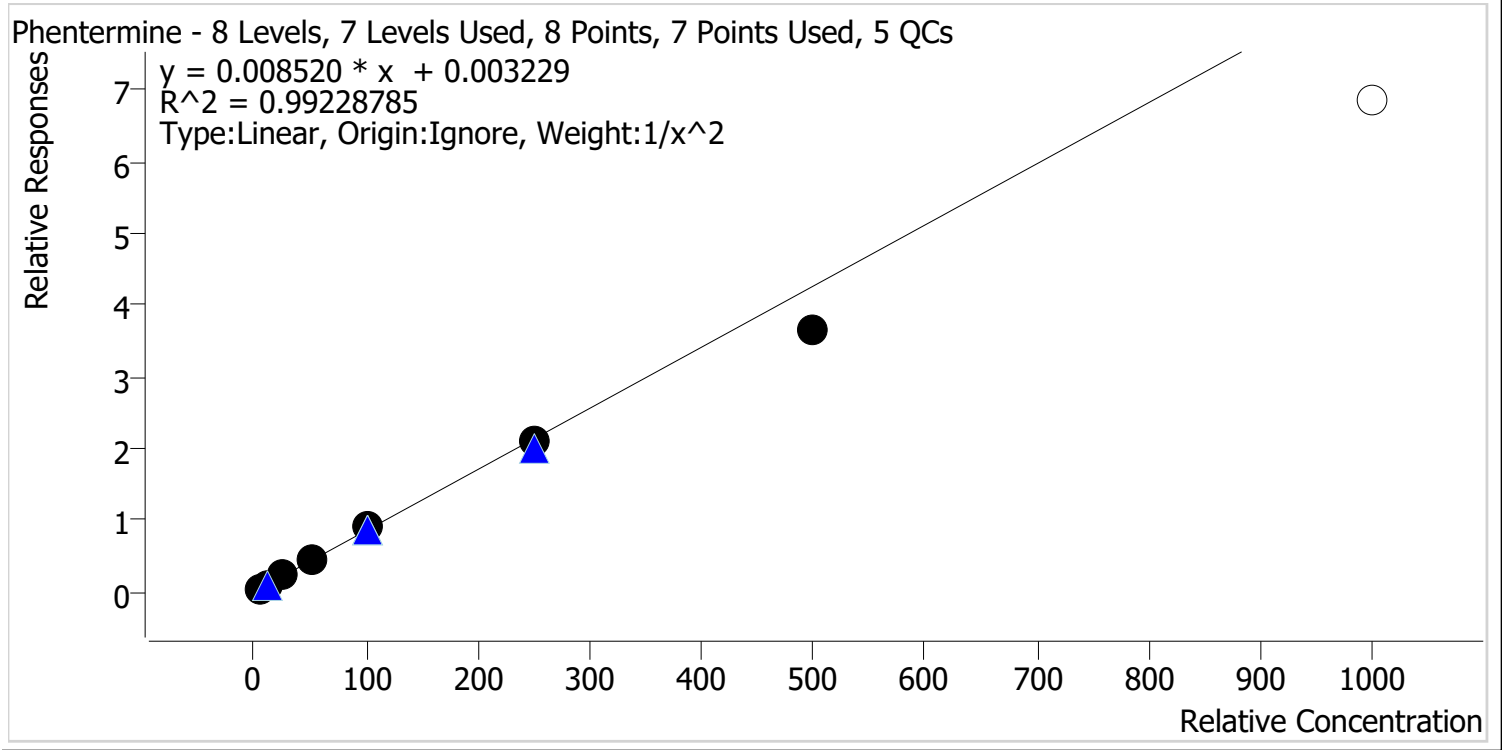
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	471.4	94.3
p1 Cal 8-1000ng	8	✓	1000.0	967.0	96.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Phentermine **Internal Standard** Phentermine-D5



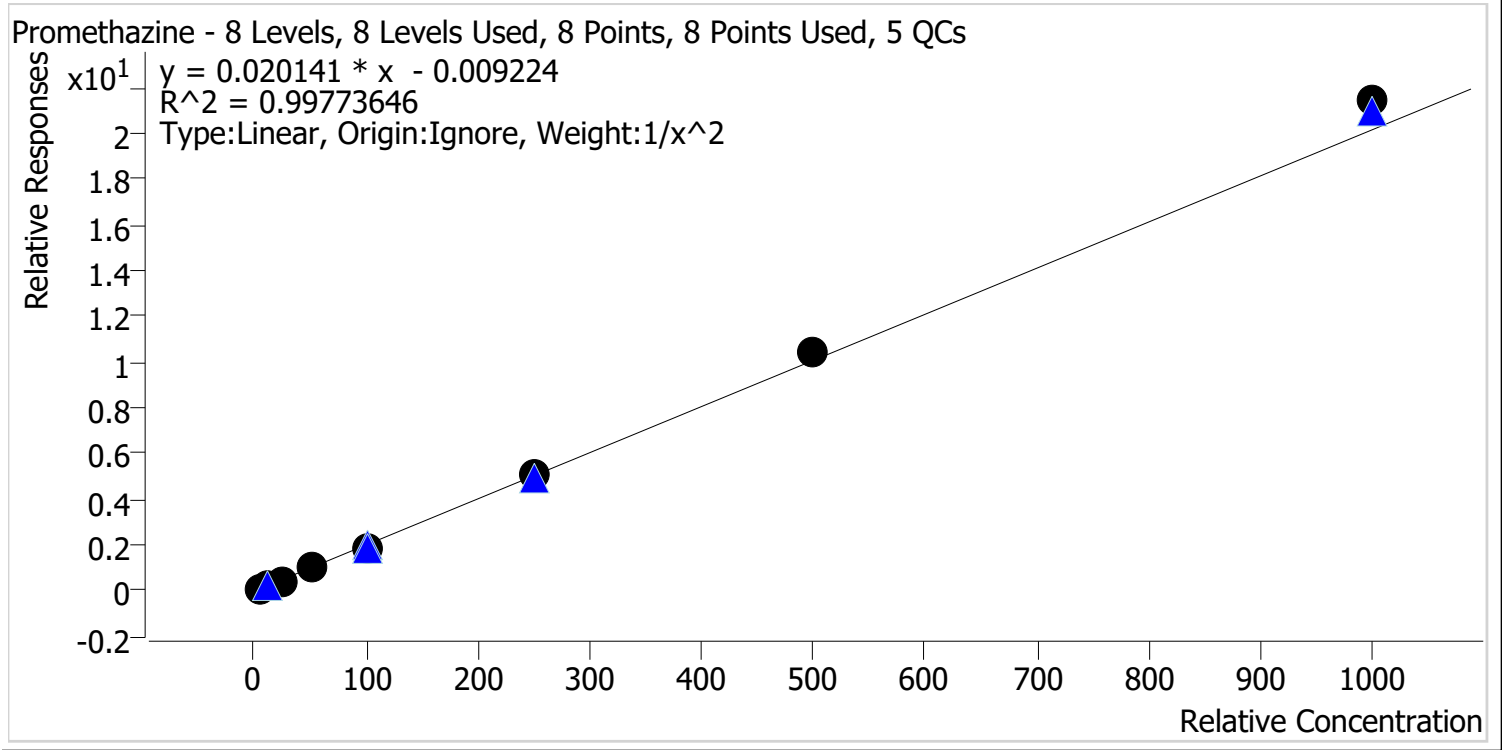
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	429.8	86.0
p1 Cal 8-1000ng	8	✗	1000.0	803.4	80.3

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3



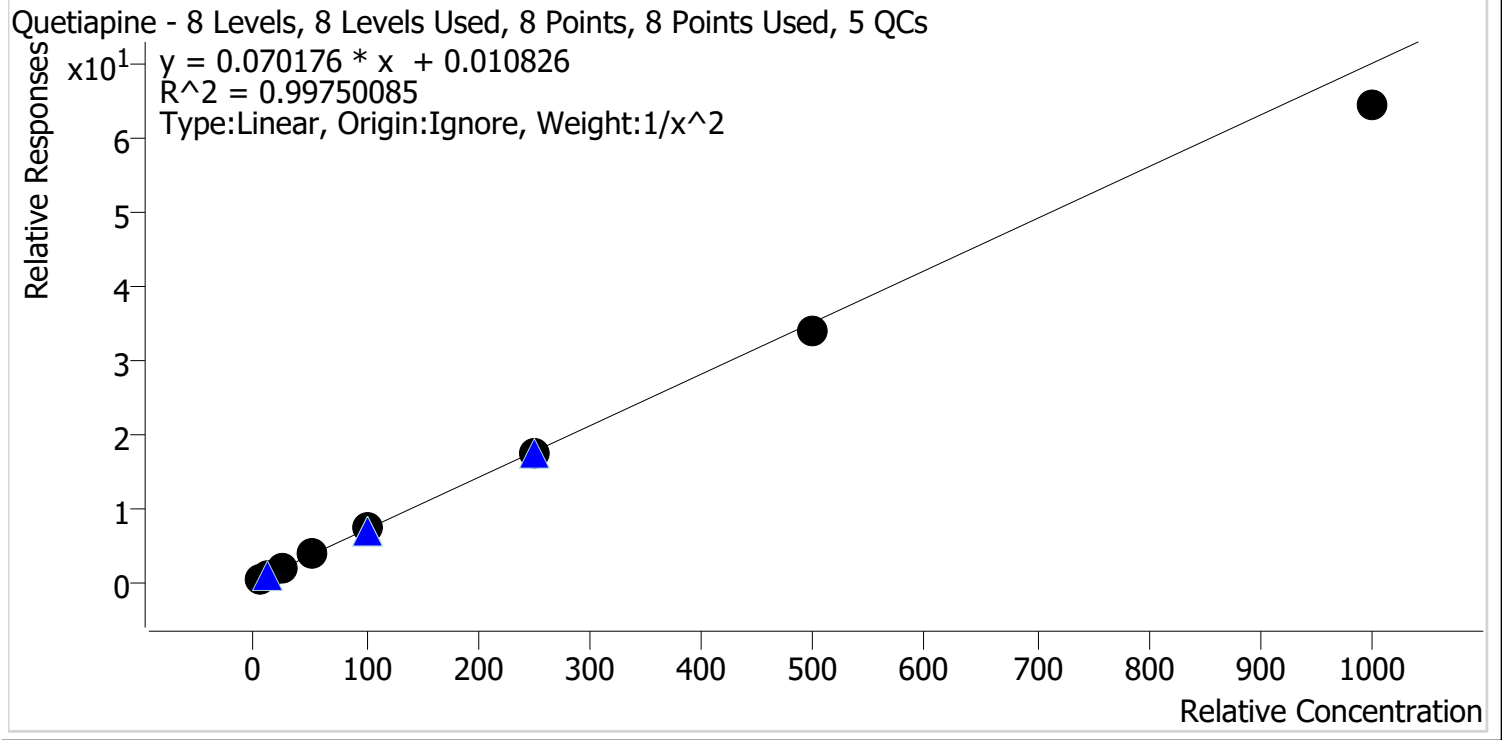
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1063.3	106.3

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8



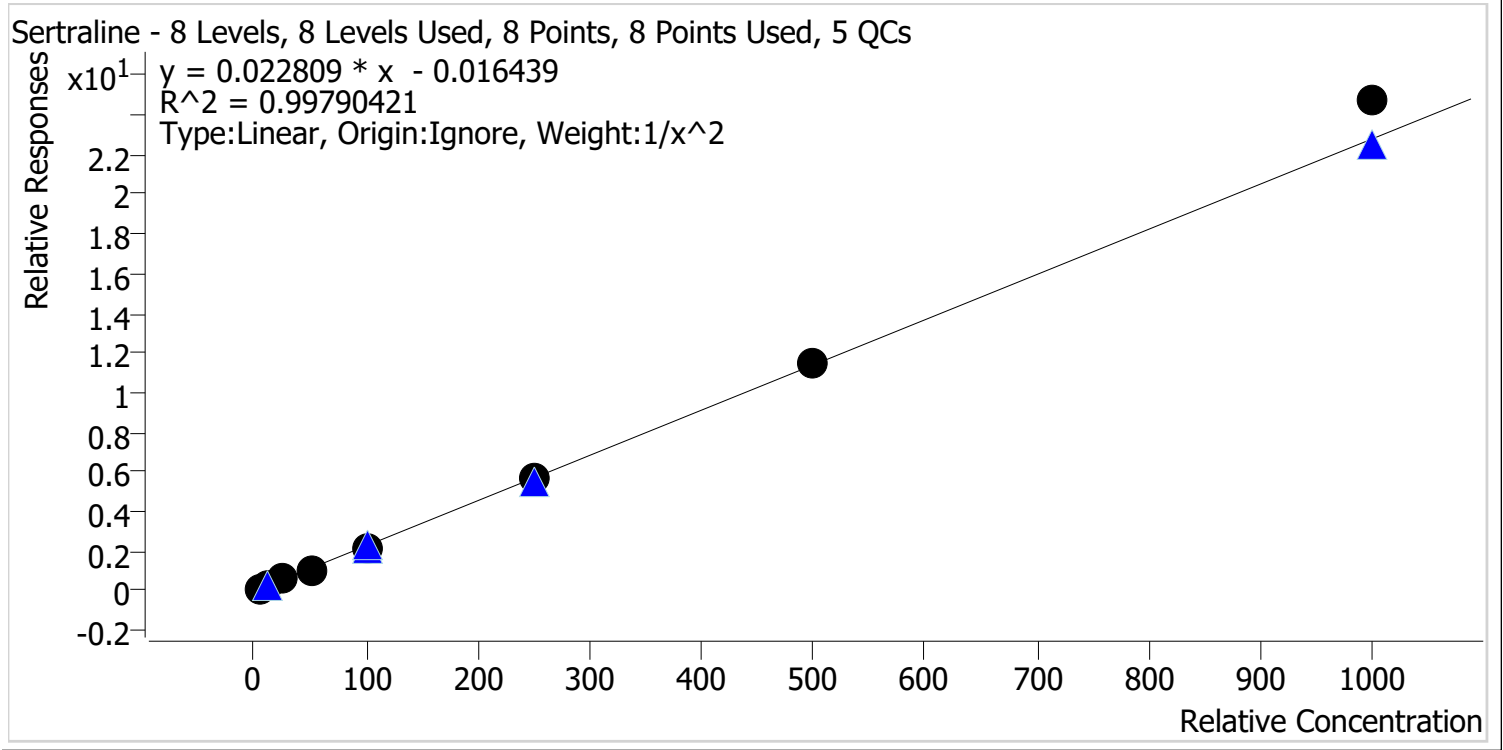
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	917.2	91.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1084.6	108.5

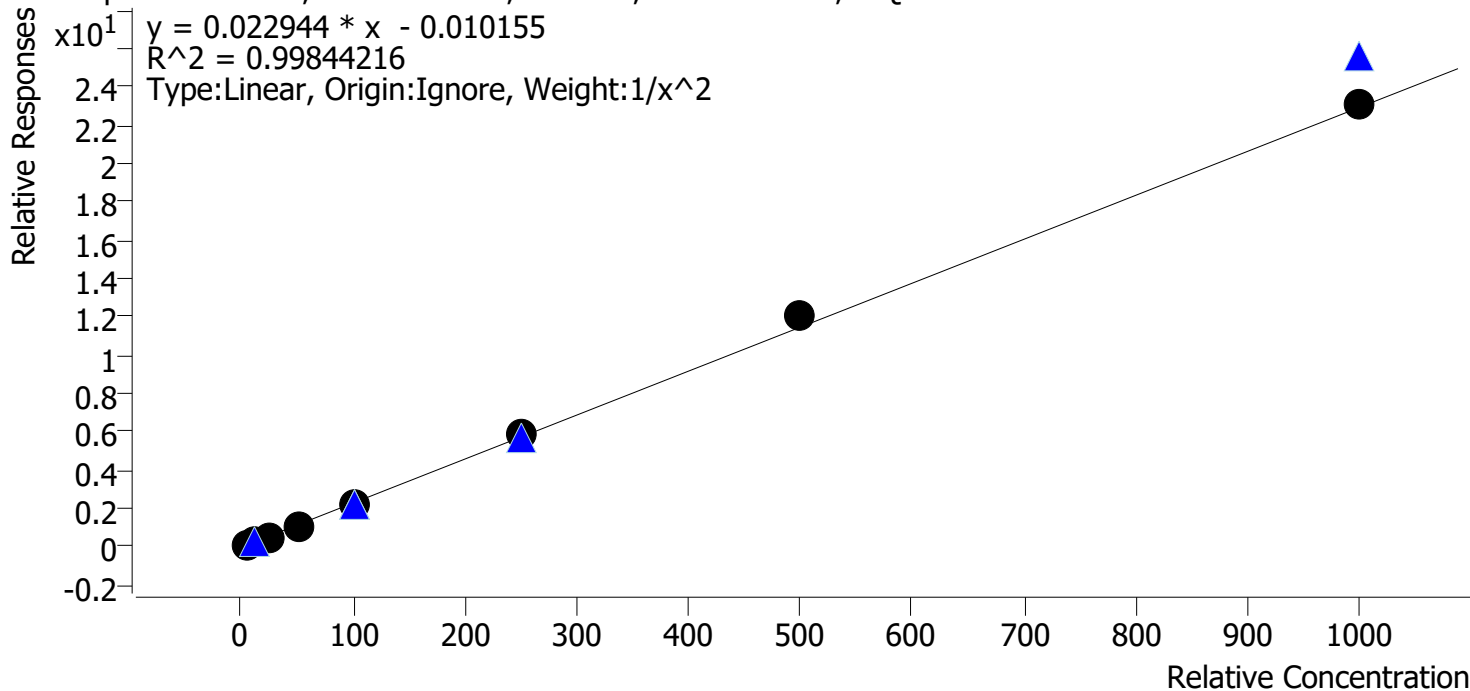
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/27/2024 9:57 AM  
 Analyst Name ISP\datastor  
 Analyte Temazepam Internal Standard Temazepam-D5

Temazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



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	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	530.7	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1010.6	101.1

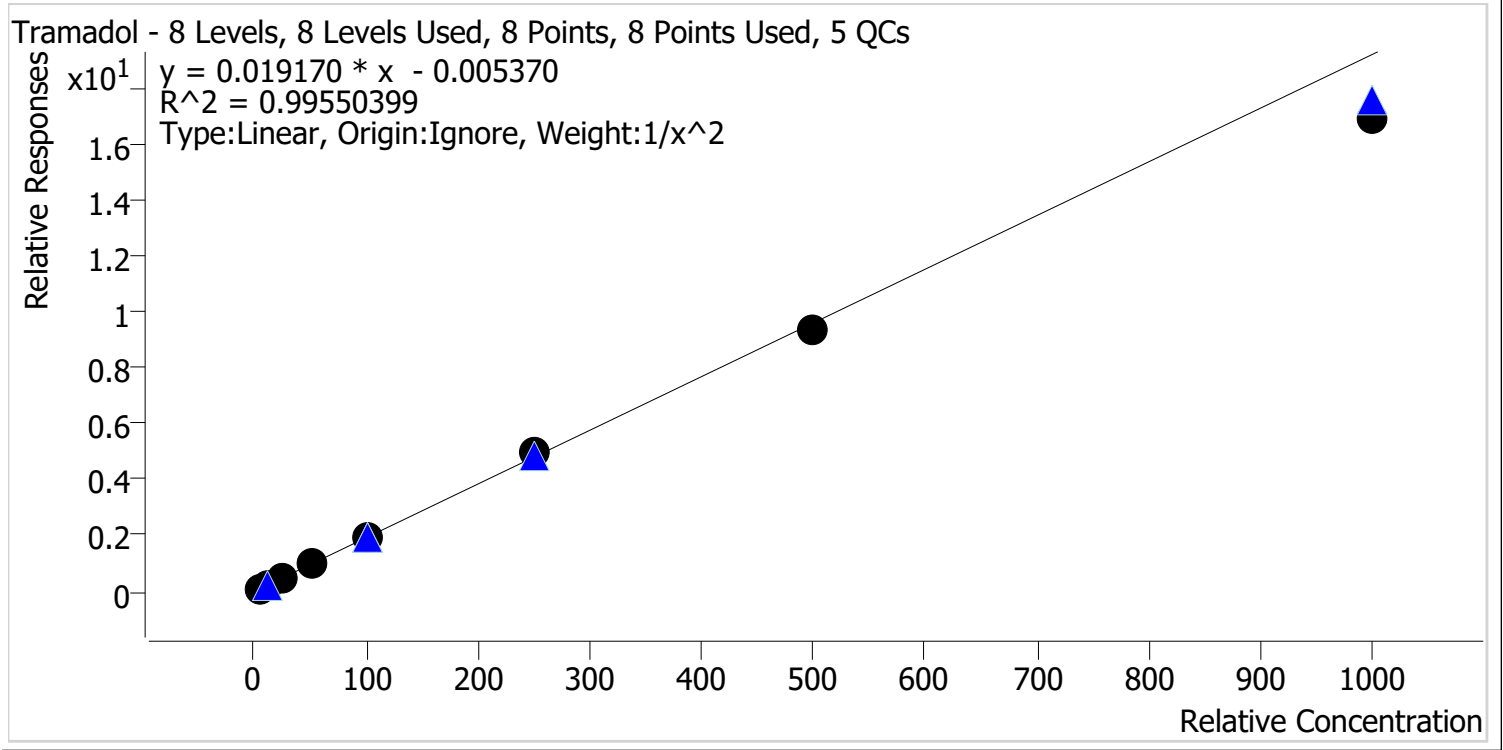


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3



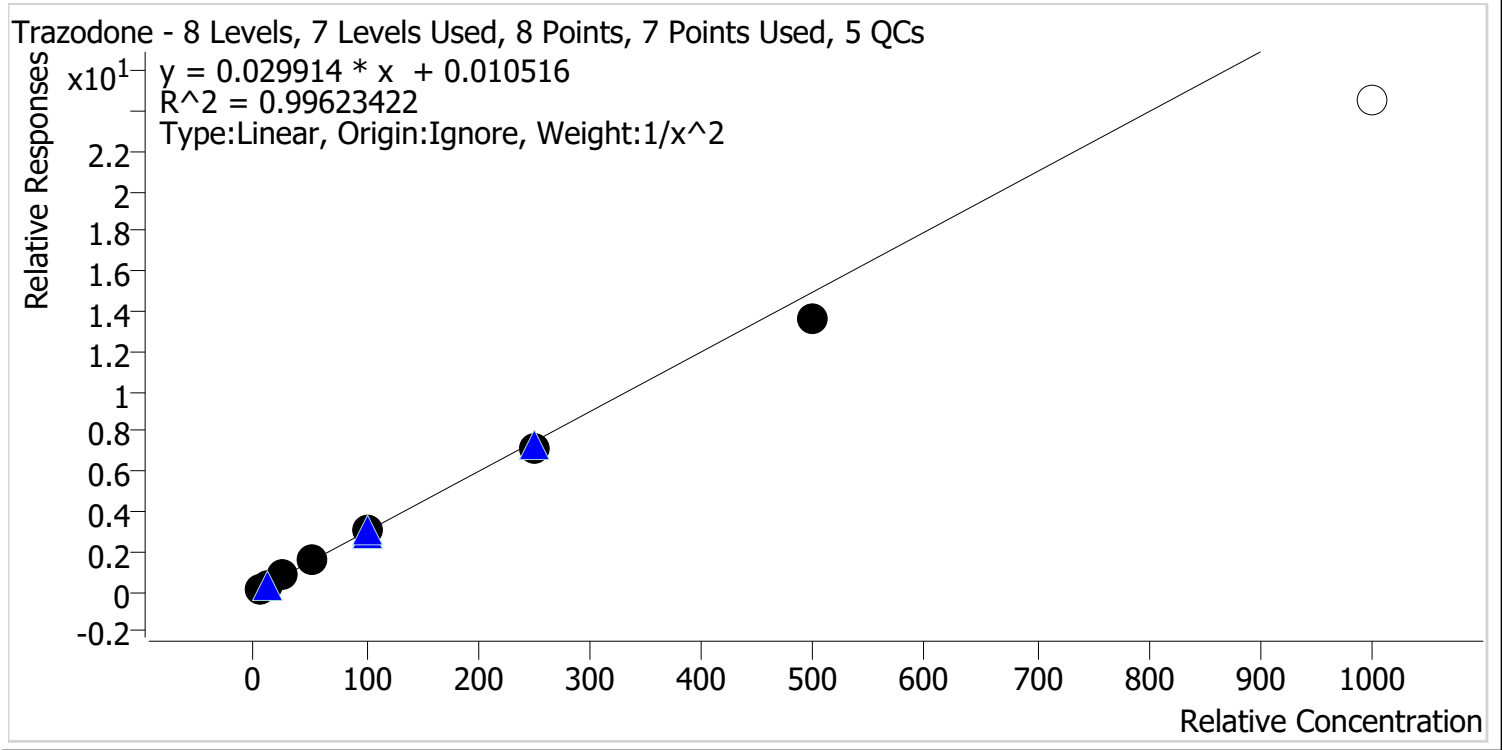
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	488.5	97.7
p1 Cal 8-1000ng	8	✓	1000.0	878.4	87.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6



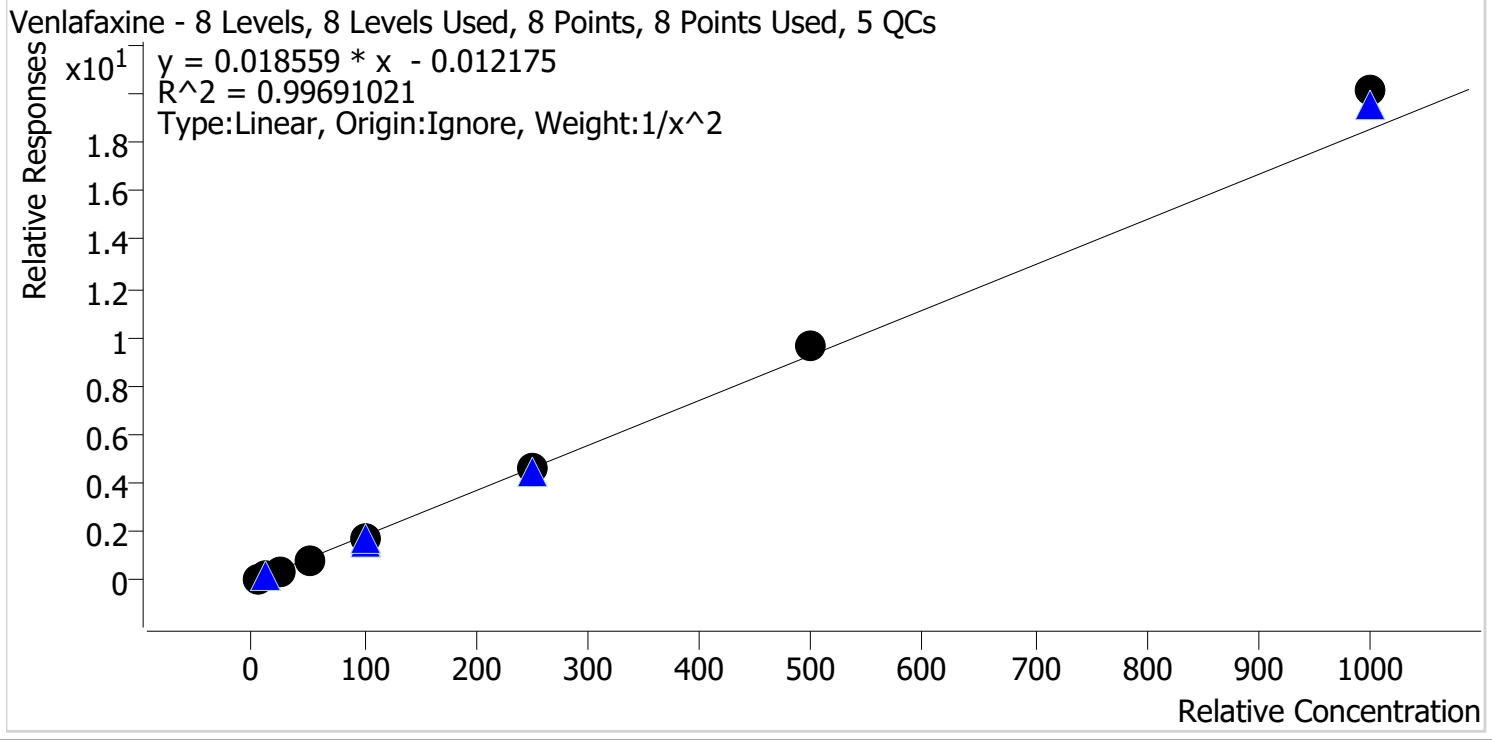
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	238.5	95.4
p1 Cal 7-500ng	7	✓	500.0	457.8	91.6
p1 Cal 8-1000ng	8	✗	1000.0	818.8	81.9

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 AM  
**Analyst Name** ISP\datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6



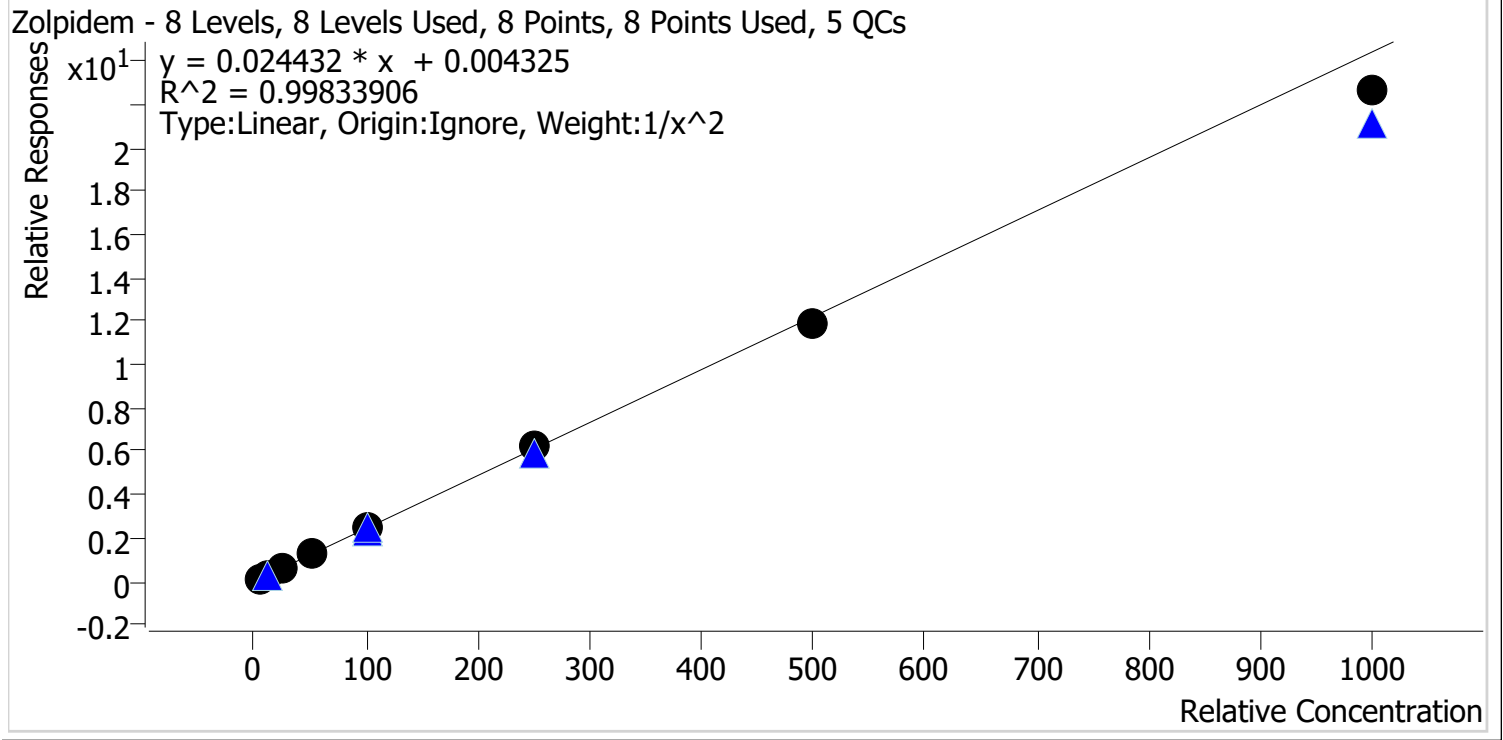
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
p1 Cal 7-500ng	7	✓	500.0	517.7	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1085.7	108.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/27/2024 9:57 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	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	490.1	98.0
p1 Cal 8-1000ng	8	✓	1000.0	927.0	92.7

# AM #28 Multi-Drug Quant. Results

TS

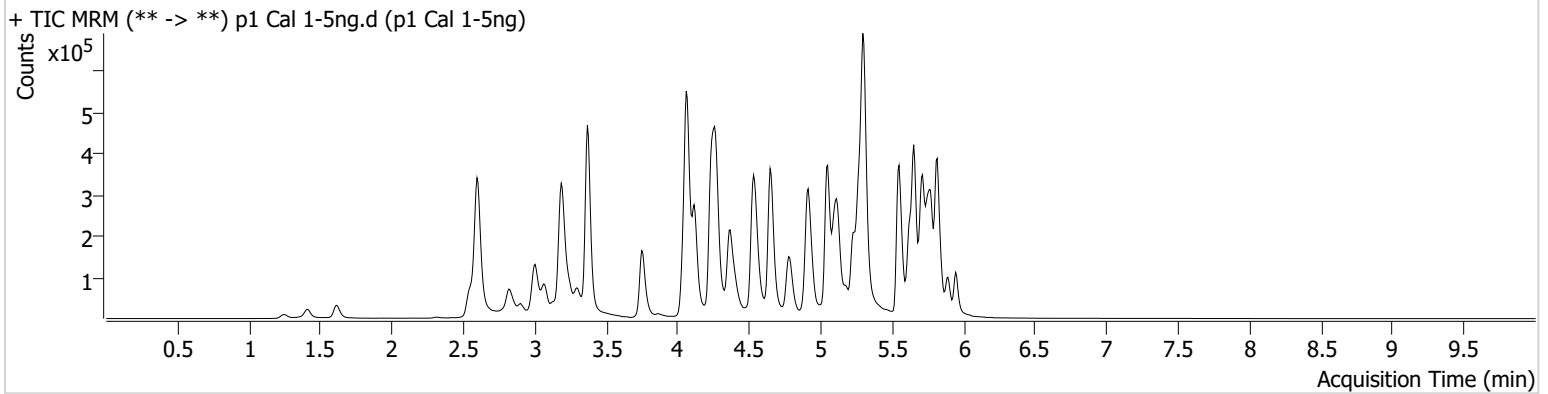


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**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** Tamara Salazar  
**Sample Position** P2-A1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 9:09:05 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	3.136	937	617.75	76.8	1169.81	57494	0.5056 ng/ml
7-aminoclonazepam	4.271	12860	350.71	76.1	628.59	129437	5.0238 ng/ml
9-hydroxyrisperidone	4.658	2289	467.99	4133.0	434.24	818973	5.0281 ng/ml
a-hydroxyalprazolam	5.698	7898	93.96	59.1	388.90	67966	4.8974 ng/ml
alpha-PHP	4.943	16600	377.62	260.2	3083.32	499472	4.8791 ng/ml
alpha-PVP	4.376	60110	90.50	48.2	184.58	499472	5.0762 ng/ml
Alprazolam	5.775	27061	126.28	120.6	433.54	257399	5.1066 ng/ml
Amphetamine	3.074	107768	173.48	45.8	117.54	274849	4.7215 ng/ml
Benzoylcegonine	3.896	1701	76.20	34.4	8.27	11479	4.9564 ng/ml
Bromazolam	5.814	14270	1058.80	114.4	11876.30	131066	4.9259 ng/ml
Buprenorphine	5.861	1595	787.14	14.2	124.88	104606	0.5296 ng/ml
Bupropion	4.799	61762	103.79	69.9	52.48	346076	5.0239 ng/ml
Carisoprodol	5.730	32813	33.74	57.9	97.30	285315	5.0453 ng/ml
Citalopram	5.227	46379	164.96	36.4	7058.44	433081	5.1171 ng/ml
Clonazepam	5.618	28671	191.42	37.2	328.88	83224	4.9012 ng/ml
Clonazolam	5.561	23667	7119.91	31.7	716.68	83224	4.8854 ng/ml
Cocaine	4.271	39956	2461.35	52.8	12249.52	705683	5.0310 ng/ml
Codeine	2.596	4793	5292.75	106.9	10582.30	54865	4.9221 ng/ml
Cyclobenzaprine	5.627	39491	54280.35	7.7	44.83	373992	5.1282 ng/ml
Dextromethorphan	5.284	27264	2044.69	91.0	64.13	290502	4.9492 ng/ml
Dextrorphan	4.123	20104	25809.02	211.1	762.76	505475	5.0654 ng/ml
Diazepam	5.954	18356	140.41	93.6	353.83	177209	5.0158 ng/ml
Dihydrocodeine	2.575	13798	308107.83	56.5	131.20	160848	4.9114 ng/ml
Diphenhydramine	5.305	133831	3420.47	28.8	25872.63	1396838	5.0745 ng/ml
Doxylamine	4.552	105206	30148.27	101.7	14243.71	1011997	5.1556 ng/ml
Duloxetine	5.653	4233	406.11	14.1	84.38	49368	5.0182 ng/ml
EDDP	5.270	48346	87.80	43.4	13882.58	512252	5.0494 ng/ml
Etizolam	5.814	16786	18954.65	27.3	4979.51	83224	5.2551 ng/ml
Fentanyl	5.110	4369	2850.12	72.3	32.98	483464	0.5109 ng/ml
Fluorofentanyl	5.171	10723	358.79	39.7	1266.25	3902	0.4890 ng/ml
Fluoxetine	5.707	44861	895.52	7.2	2193.68	338679	4.9846 ng/ml

TS

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	18072	87.65	31.6	96.56	185820	5.0085 ng/ml
Hydromorphone	1.622	13702	2264.00	73.9	269.62	90511	4.9918 ng/ml
Hydroxyzine	5.711	46315	3143.71	70.5	978.54	290502	5.0612 ng/ml
Ketamine	4.056	42630	1774.72	34.4	50.94	344834	4.9218 ng/ml
Lamotrigine	4.287	4116	389.48	80.3	3154.59	997479	4.8008 ng/ml
Lorazepam	5.747	25702	182.91	48.4	42.58	350109	4.7929 ng/ml
MDA	3.208	60087	117.91	34.4	15.49	427423	4.8688 ng/ml
MDMA	3.309	41196	24698.35	90.6	147.02	93313	5.0919 ng/ml
Meprobamate	4.923	15793	44251.23	35.6	45.17	147293	4.8591 ng/ml
Methadone	5.659	82547	1835.27	48.5	848.18	660245	5.1964 ng/ml
Methamphetamine	3.250	90330	317.96	38.6	251.52	631218	4.9558 ng/ml
Metoprolol	4.326	11537	36910.68	103.2	2076.04	896260	4.8303 ng/ml
Mirtazapine	4.648	79544	601.16	47.8	48875.71	499472	4.9742 ng/ml
Mitragynine	5.245	17247	16152.71	41.1	198.45	660245	4.9555 ng/ml
Morphine	1.254	2754	134.10	22.6	40.36	10351	4.8713 ng/ml
Nordiazepam	5.894	21545	152.86	54.9	153.72	138406	4.9917 ng/ml
Norfentanyl	4.083	9066	94.01	40.8	39.89	874449	0.5214 ng/ml
Norhydrocodone	3.077	3609	71.13	37.0	31.10	49000	5.3651 ng/ml
Noroxycodone	2.920	11434	72.74	45.5	113.93	82488	4.8965 ng/ml
O-desmethyl-tramadol	3.376	94544	4364.42	5.5	162.80	1160294	5.0963 ng/ml
o-desmethylvenlafaxine	4.068	119391	6403.19	16.9	47.99	22573	5.1113 ng/ml
Olanzapine	4.482	12809	205.62	52.6	134.99	68298	4.9640 ng/ml
Oxazepam	5.756	33069	75.80	70.9	42.80	350109	4.8812 ng/ml
Oxycodone	2.852	30057	452.15	29.3	340.17	245933	4.9810 ng/ml
Oxymorphone	1.413	9270	247.49	46.6	136.75	66122	4.9513 ng/ml
Phentermine	3.785	21618	243.15	7.3	43.61	479681	4.9108 ng/ml
Promethazine	5.550	61309	77774.21	31.0	320.93	653906	5.1131 ng/ml
Pseudoephedrine	2.613	109117	3609.67	16.9	1088.87	997479	5.1406 ng/ml
Quetiapine	5.567	61837	305.83	57.4	92.27	174891	4.8841 ng/ml
Sertraline	5.782	12591	387.14	102.0	20021.09	125793	5.1090 ng/ml
Temazepam	5.824	57797	73.42	24.7	24.40	550145	5.0216 ng/ml
Tramadol	4.252	80210	137.30	3.4	36.09	896260	4.9485 ng/ml
Trazodone	5.177	77376	54246.00	59.0	33970.73	494095	4.8834 ng/ml
Venlafaxine	5.051	75708	3859.80	41.9	208.57	912438	5.1268 ng/ml
Xylazine	4.090	36482	16498.28	40.3	118.39	358872	5.1436 ng/ml
Zolpidem	4.934	87787	198856.24	25.9	67.28	700674	4.9511 ng/ml

# AM #28 Multi-Drug Quant. Results

TS

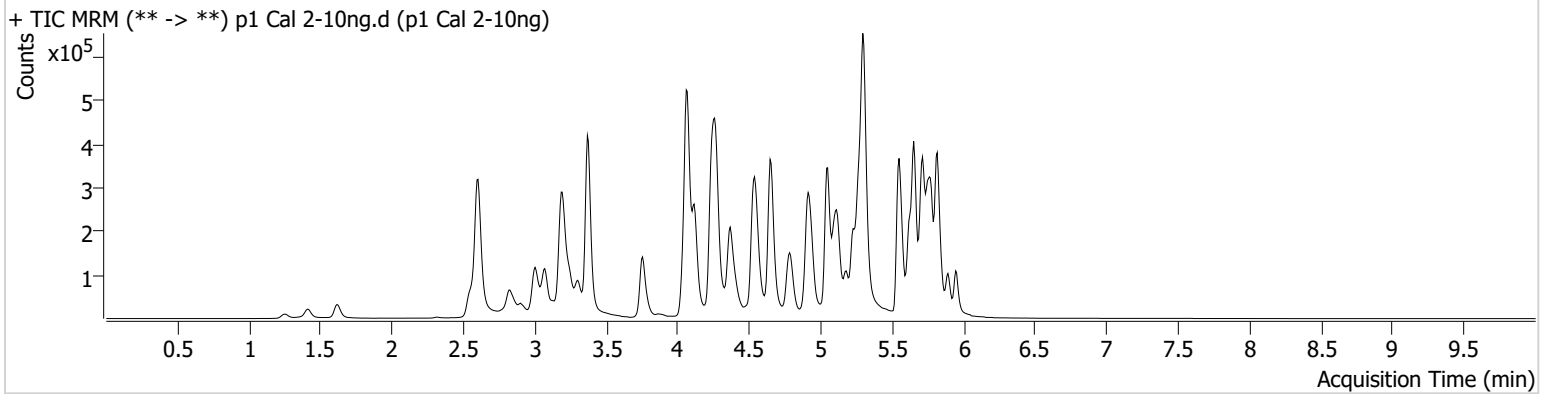


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**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** Tamara Salazar  
**Sample Position** P2-B1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 9:19:52 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	3.136	1621	552.62	76.6	1080.96	48684	0.9734 ng/ml
7-aminoclonazepam	4.271	20989	995.65	70.5	385.10	108413	9.7350 ng/ml
9-hydroxyrisperidone	4.651	4089	28.45	3939.1	1385.67	683012	9.9214 ng/ml
a-hydroxyalprazolam	5.698	12700	84.88	69.4	176.71	59056	9.8381 ng/ml
alpha-PHP	4.943	27634	493.90	261.9	19305.16	420502	10.1313 ng/ml
alpha-PVP	4.376	101346	2301.22	48.6	172.42	420502	9.7890 ng/ml
Alprazolam	5.775	47599	203.46	114.1	1137.25	217303	9.8272 ng/ml
Amphetamine	3.074	181204	324.65	45.8	128.03	231958	10.5523 ng/ml
Benzoylcegonine	3.896	2739	568.77	32.0	29.36	8954	10.4034 ng/ml
Bromazolam	5.814	24213	16933.24	118.8	26463.02	109751	10.0363 ng/ml
Buprenorphine	5.867	2451	1890.30	14.6	189.58	91465	0.9202 ng/ml
Bupropion	4.799	105296	414.78	69.5	2373.92	292601	9.9242 ng/ml
Carisoprodol	5.730	60133	358.16	59.3	96.96	247323	9.9997 ng/ml
Citalopram	5.227	78927	68.59	35.2	23451.83	356938	9.7985 ng/ml
Clonazepam	5.618	48355	6174.81	36.2	17197.23	72430	10.0314 ng/ml
Clonazolam	5.554	39280	36330.31	32.9	14101.46	72430	9.8554 ng/ml
Cocaine	4.271	66714	133.39	53.6	17213.10	587909	9.9124 ng/ml
Codeine	2.596	7970	12816.16	110.0	16948.55	46845	9.8986 ng/ml
Cyclobenzaprine	5.627	65864	146.20	7.6	29.63	315224	9.7051 ng/ml
Dextromethorphan	5.284	48568	250.30	85.3	44.40	235653	10.2889 ng/ml
Dextrorphan	4.123	33995	982.31	205.4	428.21	422239	9.8802 ng/ml
Diazepam	5.954	31383	113.78	91.1	74.00	148864	9.9525 ng/ml
Dihydrocodeine	2.575	22723	94.78	57.8	13190.09	134379	10.1132 ng/ml
Diphenhydramine	5.305	228821	206.00	29.3	444.02	1169102	9.8156 ng/ml
Doxylamine	4.552	176858	704.07	101.7	73984.37	841712	9.6919 ng/ml
Duloxetine	5.653	7950	283.20	11.3	223.82	44985	9.9793 ng/ml
EDDP	5.270	86344	10633.22	42.7	28692.69	442368	10.0554 ng/ml
Etizolam	5.814	29192	3862.99	25.3	6989.48	72430	9.3847 ng/ml
Fentanyl	5.110	7237	326.13	78.3	10792.94	412384	0.9628 ng/ml
Fluorofentanyl	5.171	18803	290.53	40.2	1118.09	3257	0.9986 ng/ml
Fluoxetine	5.707	79331	15401.22	7.2	12771.60	291236	9.9757 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	30528	667.86	31.7	33.37	166418	9.7375 ng/ml
Hydromorphone	1.622	23418	51172.32	73.4	40336.98	75418	10.0247 ng/ml
Hydroxyzine	5.711	78924	538.60	69.4	19945.62	235653	10.1933 ng/ml
Ketamine	4.056	69544	1834.77	36.5	32.53	286903	10.0576 ng/ml
Lamotrigine	4.287	7188	80.12	76.7	2847.99	847473	10.6017 ng/ml
Lorazepam	5.747	43249	272.29	52.2	121.03	307873	10.3053 ng/ml
MDA	3.215	99056	254.49	33.8	232.90	361086	10.0467 ng/ml
MDMA	3.309	67896	12533.69	92.4	371.05	77726	9.7754 ng/ml
Meprobamate	4.923	27427	104.58	35.1	161.94	126100	10.2038 ng/ml
Methadone	5.659	133978	171.23	51.0	216.58	552941	9.4993 ng/ml
Methamphetamine	3.250	146132	579.44	37.9	121.81	530863	10.0469 ng/ml
Metoprolol	4.326	20033	82.68	98.0	400.13	740284	10.4285 ng/ml
Mirtazapine	4.648	136372	178.30	49.9	184.21	420502	10.1118 ng/ml
Mitragynine	5.245	30558	1202.18	37.3	10997.99	552941	10.2847 ng/ml
Morphine	1.261	4931	4248.72	23.0	232.54	8780	10.3386 ng/ml
Norbuprenorphine	4.999	306	604.04	135.6 <b>High</b>	223.10	18540	1.0636 ng/ml
Nordiazepam	5.900	35584	281.03	58.8	279.24	117863	9.9068 ng/ml
Norfentanyl	4.090	14925	1574.53	34.7	53.57	737337	0.9441 ng/ml
Norhydrocodone	3.077	5957	189.77	36.8	84.62	41733	9.1146 ng/ml
Noroxycodone	2.927	20674	200.01	47.6	347.01	69947	10.3616 ng/ml
O-desmethyl-tramadol	3.376	159587	2595.88	5.1	85.91	973546	9.7951 ng/ml
o-desmethylvenlafaxine	4.068	214265	9920.87	17.3	403.52	19364	9.8113 ng/ml
Olanzapine	4.482	22498	159.25	52.0	282.91	54844	10.2268 ng/ml
Oxazepam	5.756	58221	2486.86	71.4	51.26	307873	10.0857 ng/ml
Oxycodone	2.852	51257	339.64	29.9	621.21	207407	9.9731 ng/ml
Oxymorphone	1.413	15560	130.42	45.8	125.47	55292	10.0721 ng/ml
Phentermine	3.792	35936	208.48	8.3	94.47	408626	9.9437 ng/ml
Promethazine	5.550	106396	116381.04	30.3	3139.00	562555	9.8482 ng/ml
Pseudoephedrine	2.613	187017	4584.04	16.8	5017.04	847473	9.6988 ng/ml
Quetiapine	5.567	106834	78090.92	54.3	46029.40	147010	10.2013 ng/ml
Sertraline	5.776	23567	204.31	101.7	2718.37	115318	9.6808 ng/ml
Temazepam	5.824	102450	407.40	25.8	36.69	461622	10.1156 ng/ml
Tramadol	4.252	137175	85.42	3.6	32.11	740284	9.9461 ng/ml
Trazodone	5.177	130445	99473.38	59.2	77687.01	413588	10.1919 ng/ml
Venlafaxine	5.051	128982	313.20	39.7	472.23	761032	9.7881 ng/ml
Xylazine	4.090	58924	28484.04	41.1	367.98	296493	9.6626 ng/ml
Zolpidem	4.934	146663	408.16	26.7	1160.45	589857	10.0000 ng/ml



# AM #28 Multi-Drug Quant. Results

TS

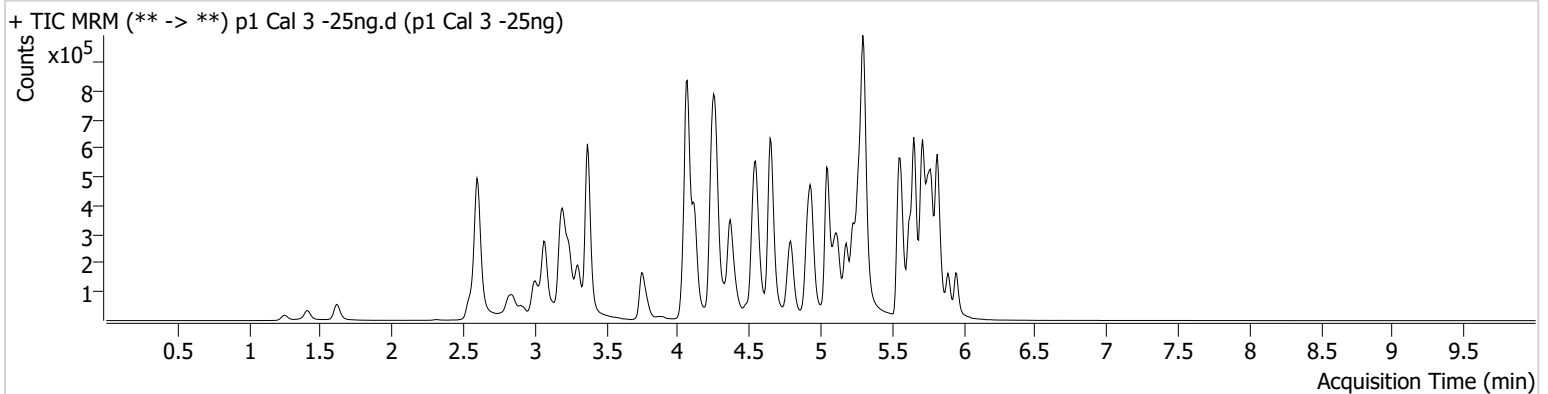


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**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** Tamara Salazar  
**Sample Position** P2-C1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 9:30:28 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	3.136	5056	8877.45	73.4	117.26	55877	2.5470 ng/ml
7-aminoclonazepam	4.271	62188	∞	75.7	903.39	119889	25.9862 ng/ml
9-hydroxyrisperidone	4.651	12614	255.30	3750.1	3388.81	807251	24.6949 ng/ml
a-hydroxyalprazolam	5.698	36702	635.26	69.8	580.32	65573	27.0666 ng/ml
alpha-PHP	4.943	81607	3555.58	257.9	1071.99	500055	25.8939 ng/ml
alpha-PVP	4.376	310200	14333.38	47.9	76.91	500055	24.6036 ng/ml
Alprazolam	5.775	136895	430.50	113.9	912.47	246028	23.8088 ng/ml
Amphetamine	3.074	517868	5079.40	46.5	672.73	271428	27.4371 ng/ml
Benzoylcegonine	3.889	7763	363.17	40.3	276.71	11145	23.8882 ng/ml
Bromazolam	5.814	70134	45037.30	114.0	67104.23	122398	26.1527 ng/ml
Buprenorphine	5.861	6940	744.00	13.8	772.54	103151	2.2895 ng/ml
Bupropion	4.799	314085	610.17	69.6	158.50	345590	24.7544 ng/ml
Carisoprodol	5.730	164750	190563.20	60.2	612.11	269706	24.2188 ng/ml
Citalopram	5.227	231763	∞	33.7	∞	421969	23.2691 ng/ml
Clonazepam	5.618	131832	154601.49	36.7	494.71	77700	26.3708 ng/ml
Clonazolam	5.554	115055	58110.03	32.9	2442.84	77700	27.9376 ng/ml
Cocaine	4.271	197296	176115.94	55.7	3038.97	686804	24.8331 ng/ml
Codeine	2.596	22654	1372.98	105.3	389.66	51460	26.1368 ng/ml
Cyclobenzaprine	5.627	186119	659.05	8.3	592.26	349878	24.0096 ng/ml
Dextromethorphan	5.284	143474	43522.72	87.0	2647.58	285571	24.3845 ng/ml
Dextrorphan	4.123	99570	183709.25	204.3	1023.18	485579	24.5986 ng/ml
Diazepam	5.954	87482	155.58	94.1	697.31	163069	24.9449 ng/ml
Dihydrocodeine	2.568	65387	128203.09	60.1	2051.21	158247	25.3542 ng/ml
Diphenhydramine	5.305	676127	11461.62	29.3	397.24	1330754	24.6374 ng/ml
Doxylamine	4.552	540281	618959.74	100.1	403195.07	1004342	23.7004 ng/ml
Duloxetine	5.653	20102	611.01	11.3	71.78	44491	24.9805 ng/ml
EDDP	5.270	234504	181.09	42.7	101243.55	495880	23.8472 ng/ml
Etizolam	5.814	85894	69675.08	24.0	1372.88	77700	23.7914 ng/ml
Fentanyl	5.110	21610	173.56	76.9	17462.13	465768	2.4940 ng/ml
Fluorofentanyl	5.164	56008	312.18	38.8	1242.76	3565	2.6723 ng/ml
Fluoxetine	5.707	217150	34387.41	7.4	10667.74	310328	25.2177 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	87480	76.49	33.5	93.10	181001	26.1911 ng/ml
Hydromorphone	1.622	67047	954.70	74.6	164940.24	85559	24.9886 ng/ml
Hydroxyzine	5.711	220479	924.48	72.9	122561.97	285571	22.9777 ng/ml
Ketamine	4.056	201939	7260.38	37.0	1518.90	332153	25.8655 ng/ml
Lamotrigine	4.287	18361	326.62	87.9	12570.05	958540	24.8188 ng/ml
Lorazepam	5.747	112856	719.22	52.3	431.11	323795	27.4077 ng/ml
MDA	3.208	284175	4496.66	34.2	132.22	401362	26.8366 ng/ml
MDMA	3.302	203100	181940.16	92.8	1609.61	90796	24.5546 ng/ml
Meprobamate	4.923	79588	2728.79	35.2	956.08	145300	26.2086 ng/ml
Methadone	5.659	394902	638.03	49.5	1573.88	632414	23.5200 ng/ml
Methamphetamine	3.243	429532	426.81	39.1	225.75	637552	25.3949 ng/ml
Metoprolol	4.326	58073	1318.55	102.1	1368.46	886335	25.6017 ng/ml
Mirtazapine	4.648	393037	686.57	51.2	186502.17	500055	24.4826 ng/ml
Mitragynine	5.245	83459	128191.04	37.1	29010.97	632414	24.3112 ng/ml
Morphine	1.254	13438	241.59	25.0	168.43	9676	25.6444 ng/ml
Norbuprenorphine	4.999	891	122.08	108.3	471.96	21561	2.4437 ng/ml
Nordiazepam	5.900	98737	946.83	58.1	296.36	130897	25.1115 ng/ml
Norfentanyl	4.083	45480	53601.83	37.0	27.79	845042	2.3816 ng/ml
Norhydrocodone	3.070	18283	138.68	38.6	82.35	47528	22.2436 ng/ml
Noroxycodone	2.920	56831	425.01	49.8	1218.95	79771	24.8778 ng/ml
O-desmethyl-tramadol	3.376	477922	6844.25	5.1	658.30	1139161	24.3645 ng/ml
o-desmethylvenlafaxine	4.068	588528	32976.80	17.8	588.66	20855	23.7701 ng/ml
Olanzapine	4.482	72107	2604.35	51.3	240.52	70456	24.7206 ng/ml
Oxazepam	5.756	157765	195.72	71.7	1039.70	323795	26.4781 ng/ml
Oxycodone	2.845	149721	2830.60	29.2	480.06	237300	25.3112 ng/ml
Oxymorphone	1.413	43938	83.34	48.1	∞	62229	25.4699 ng/ml
Phentermine	3.785	109046	248.87	8.0	47.91	476084	26.5061 ng/ml
Promethazine	5.550	287853	409.36	32.0	157.24	616144	23.6536 ng/ml
Pseudoephedrine	2.606	543614	76.55	17.3	133.54	958540	23.8896 ng/ml
Quetiapine	5.567	311074	14411.59	54.9	44888.93	168979	26.0785 ng/ml
Sertraline	5.776	64953	129.87	98.4	193.13	117906	24.8733 ng/ml
Temazepam	5.824	271431	3976.21	26.6	138.46	493745	24.4030 ng/ml
Tramadol	4.245	428178	∞	3.4	40.50	886335	25.4800 ng/ml
Trazodone	5.177	384255	514582.61	59.2	15984.34	486120	26.0724 ng/ml
Venlafaxine	5.044	394679	176.94	39.2	2352.29	910297	24.0177 ng/ml
Xylazine	4.090	175879	20531.01	42.0	373.58	348695	23.8904 ng/ml
Zolpidem	4.934	436348	755151.57	28.3	1260.55	692307	25.6208 ng/ml

# AM #28 Multi-Drug Quant. Results

TS

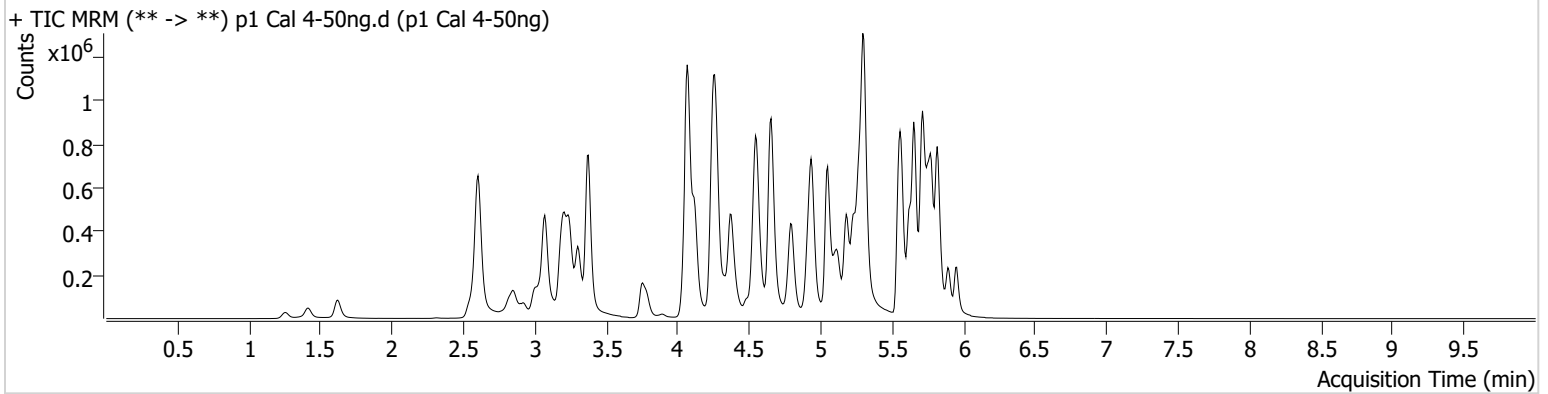


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**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** Tamara Salazar  
**Sample Position** P2-D1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 9:41:04 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	3.136	9357	495.90	75.1	15447.96	52139	4.9957 ng/ml
7-aminoclonazepam	4.271	115628	1055.57	75.1	1533.20	116586	49.6332 ng/ml
9-hydroxyrisperidone	4.651	24650	543.29	3681.4	10249.05	750643	51.0755 ng/ml
a-hydroxyalprazolam	5.698	65752	199.98	68.8	145.11	60335	53.5628 ng/ml
alpha-PHP	4.943	155755	1403.04	254.7	572.31	461346	54.0965 ng/ml
alpha-PVP	4.376	579503	24698.21	49.3	176.43	461346	49.4348 ng/ml
Alprazolam	5.775	258661	579.79	115.8	1155.28	225472	48.2918 ng/ml
Amphetamine	3.074	943740	8036.07	46.0	299.92	253311	54.6757 ng/ml
Benzoylcegonine	3.896	14588	73.88	39.4	318.96	10418	48.1851 ng/ml
Bromazolam	5.814	126818	178411.05	116.6	200831.29	110990	52.2038 ng/ml
Buprenorphine	5.861	13911	15452.98	14.6	32.21	97352	4.8475 ng/ml
Bupropion	4.799	602980	7289.11	68.4	16969.64	323057	50.6244 ng/ml
Carisoprodol	5.730	313322	4624.78	57.6	266.68	248251	49.4025 ng/ml
Citalopram	5.227	448219	7801.66	33.9	3154.11	384149	48.6218 ng/ml
Clonazepam	5.618	248221	11163.55	36.6	348.82	73356	53.1582 ng/ml
Clonazolam	5.561	203360	255553.06	35.1	89867.64	73356	52.8218 ng/ml
Cocaine	4.271	371643	252081.41	55.8	111.26	646408	49.5307 ng/ml
Codeine	2.596	43427	1610.26	105.1	53540.52	47604	54.5160 ng/ml
Cyclobenzaprine	5.627	376276	260060.69	7.8	68940.30	341660	49.2238 ng/ml
Dextromethorphan	5.284	276770	49515.77	83.3	4910.35	264613	50.2406 ng/ml
Dextrorphan	4.123	183618	212.56	210.7	792.57	453616	48.2034 ng/ml
Diazepam	5.954	166598	1405.97	91.9	1612.56	156094	49.3824 ng/ml
Dihydrocodeine	2.575	127901	93.34	59.4	173.44	146489	54.0704 ng/ml
Diphenhydramine	5.305	1273668	25680.05	29.9	34193.79	1251060	48.8376 ng/ml
Doxylamine	4.552	1029378	287343.85	99.3	579.24	937370	47.6388 ng/ml
Duloxetine	5.653	40358	7952.62	13.3	6085.29	45241	48.9895 ng/ml
EDDP	5.270	445370	1100.83	42.4	258.31	457851	48.6694 ng/ml
Etizolam	5.814	160259	117807.69	23.8	15106.88	73356	45.9263 ng/ml
Fentanyl	5.110	40842	34172.44	79.1	17693.86	451330	4.8347 ng/ml
Fluorofentanyl	5.171	105823	1365.36	39.1	23231.37	3295	5.4367 ng/ml
Fluoxetine	5.707	423721	56289.85	7.7	56486.93	293166	51.8099 ng/ml

TS

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	165139	120.07	33.6	232.54	176854	50.9070 ng/ml
Hydromorphone	1.622	128438	5175.35	73.7	1591.61	80953	50.3842 ng/ml
Hydroxyzine	5.711	425634	15862.61	74.0	41662.26	264613	47.4400 ng/ml
Ketamine	4.056	383010	262.65	36.6	206.18	313965	52.3269 ng/ml
Lamotrigine	4.287	37696	3018.74	79.2	136.91	905713	54.7408 ng/ml
Lorazepam	5.747	195949	3616.11	52.9	414.54	288325	54.6207 ng/ml
MDA	3.208	515904	3933.30	34.0	273.42	367189	53.8193 ng/ml
MDMA	3.309	387043	63105.12	94.2	5587.42	86189	48.9856 ng/ml
Meprobamate	4.923	145818	154825.74	33.1	1754.62	127004	55.3054 ng/ml
Methadone	5.659	786156	673.27	48.0	705.09	594878	49.0969 ng/ml
Methamphetamine	3.243	818708	1823.47	38.6	486.18	603629	51.6878 ng/ml
Metoprolol	4.326	110753	232.54	103.0	7561.66	817386	53.2094 ng/ml
Mirtazapine	4.648	756337	597.20	50.3	1082.69	461346	51.0475 ng/ml
Mitragynine	5.245	161654	246.72	38.5	90381.63	594878	49.8708 ng/ml
Morphine	1.254	26129	34500.47	25.1	230.41	9214	52.4127 ng/ml
Norbuprenorphine	4.999	1819	656.95	110.2	2141.38	19629	5.2995 ng/ml
Nordiazepam	5.900	188904	629.04	58.1	∞	120619	52.3951 ng/ml
Norfentanyl	4.090	85119	256.82	35.4	436.78	776239	4.7719 ng/ml
Norhydrocodone	3.077	36510	145.05	37.1	114.99	43986	46.4095 ng/ml
Noroxycodone	2.920	106632	613.50	48.5	16.92	73811	50.3756 ng/ml
O-desmethyl-tramadol	3.376	910776	28488.61	5.3	623.64	1082992	48.3855 ng/ml
o-desmethylvenlafaxine	4.068	1182011	18881.04	16.6	2143.05	20733	47.1982 ng/ml
Olanzapine	4.482	134146	914.90	52.7	223.21	64930	49.3625 ng/ml
Oxazepam	5.756	276254	1473.40	73.6	1560.55	288325	52.3701 ng/ml
Oxycodone	2.852	282217	1861.51	29.0	2120.34	220102	51.3384 ng/ml
Oxymorphone	1.413	84382	179.32	46.5	∞	59905	50.9425 ng/ml
Phentermine	3.785	208236	1063.29	7.9	906.31	449079	54.0482 ng/ml
Promethazine	5.550	584625	408.34	31.2	204.70	606730	48.2989 ng/ml
Pseudoephedrine	2.613	1052969	328.11	17.1	14008.38	905713	48.2797 ng/ml
Quetiapine	5.567	583890	203.74	57.0	22879.47	160856	51.5716 ng/ml
Sertraline	5.776	123368	225.47	98.1	12461.34	114088	48.1301 ng/ml
Temazepam	5.824	497851	6492.48	26.5	261.41	458926	47.7244 ng/ml
Tramadol	4.252	839581	137.23	3.4	71.66	817386	53.8607 ng/ml
Trazodone	5.184	720803	55960.25	60.7	103.45	457496	52.3169 ng/ml
Venlafaxine	5.051	732249	16584.08	39.5	908.40	852668	46.9285 ng/ml
Xylazine	4.090	332343	38275.92	43.6	1797.33	325066	48.0025 ng/ml
Zolpidem	4.934	837917	869627.32	27.4	446.76	659340	51.8395 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



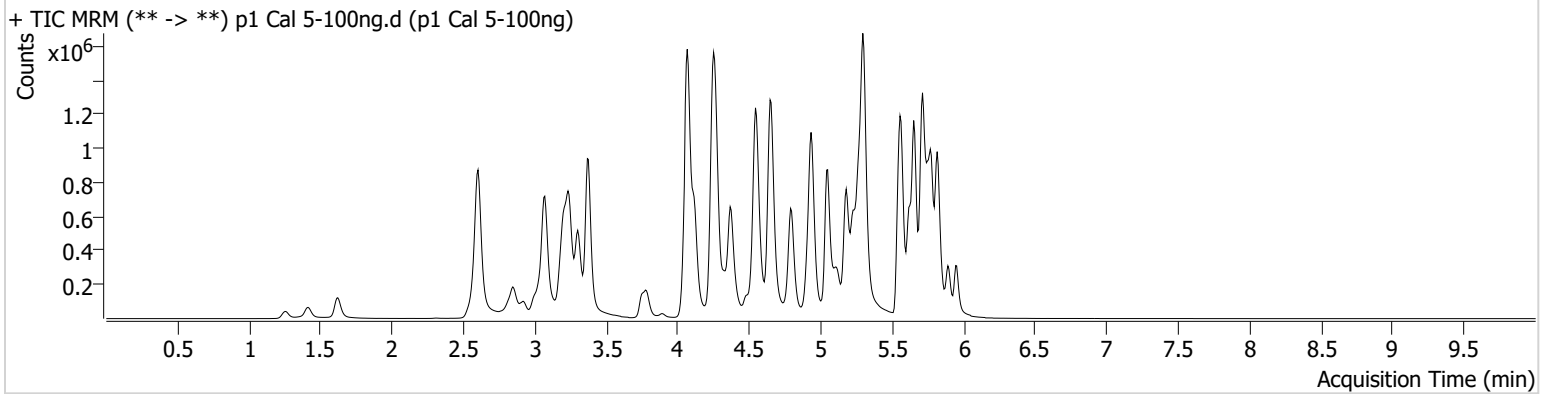
**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**Instrument** Falco (069901)  
**Type** Cal  
**Acq. Method** AM 28 MDQ P1.m  
**Sample Position** P2-E1  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 9:51:41 PM  
**Sample Info.**

**Data File** p1 Cal 5-100ng.d  
**Sample** p1 Cal 5-100ng  
**Operator** Tamara Salazar

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	3.136	15687	11645.85	75.9	13768.83	45148	9.6185 ng/ml
7-aminoclonazepam	4.271	176282	3337.12	73.8	4360.70	85205	103.4754 ng/ml
9-hydroxyrisperidone	4.651	39413	28281.97	3784.4	3018.44	629453	96.7122 ng/ml
a-hydroxyalprazolam	5.698	105775	272.04	68.1	339.60	45133	116.2392 ng/ml
alpha-PHP	4.943	245420	1306.40	256.1	704428.13	371175	106.4205 ng/ml
alpha-PVP	4.376	933555	394.66	49.9	301.12	371175	98.6070 ng/ml
Alprazolam	5.775	420084	355.29	112.3	1158.55	178236	98.4240 ng/ml
Amphetamine	3.074	1539602	223.79	45.4	285.02	217280	105.0295 ng/ml
Benzoylcegonine	3.889	26115	326.67	35.6	374.07	9048	99.4847 ng/ml
Bromazolam	5.814	196568	255915.56	114.9	162173.60	89506	100.3870 ng/ml
Buprenorphine	5.861	22220	208.17	14.9	4453.82	75554	9.9624 ng/ml
Bupropion	4.799	963836	268.89	70.1	11550.23	263176	99.1377 ng/ml
Carisoprodol	5.730	482380	66578.08	59.4	300.85	195549	95.9862 ng/ml
Citalopram	5.227	713023	6296.64	34.3	7477.72	277712	106.1265 ng/ml
Clonazepam	5.611	388378	5470.81	37.1	2243.44	58044	105.6721 ng/ml
Clonazolam	5.554	323385	541325.30	35.5	176217.61	58044	106.7576 ng/ml
Cocaine	4.271	612546	21435.54	56.2	31186.17	522725	100.7771 ng/ml
Codeine	2.596	71703	94.08	102.8	105.84	40045	107.3185 ng/ml
Cyclobenzaprine	5.627	576261	309.35	8.2	209.42	268718	95.4202 ng/ml
Dextromethorphan	5.284	437057	11312.56	82.9	2315.36	208956	99.9839 ng/ml
Dextrorphan	4.123	298069	39102.81	210.4	675.00	361286	97.8672 ng/ml
Diazepam	5.954	267715	212.02	91.4	1730.99	121620	101.5869 ng/ml
Dihydrocodeine	2.568	214888	7239.18	60.8	188.57	126305	105.7842 ng/ml
Diphenhydramine	5.305	2084381	105724.73	29.8	9028.95	1011944	98.2686 ng/ml
Doxylamine	4.545	1755660	1364.20	98.8	636.82	783219	96.4992 ng/ml
Duloxetine	5.647	61713	8672.45	14.0	491.61	33886	99.6550 ng/ml
EDDP	5.270	687610	16319.53	41.4	12151.57	354697	96.6340 ng/ml
Etizolam	5.814	247969	379020.74	25.0	98111.64	58044	88.7407 ng/ml
Fentanyl	5.110	65948	159.22	78.9	81874.69	349029	10.0609 ng/ml
Fluorofentanyl	5.164	171189	301.79	40.1	4958.16	2818	10.2587 ng/ml
Fluoxetine	5.707	648125	59315.09	7.7	3195.46	234226	98.9527 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	275539	69.19	34.5	516.80	149259	100.9641 ng/ml
Hydromorphone	1.622	215290	431.63	71.4	2670.82	68565	99.5143 ng/ml
Hydroxyzine	5.711	690273	8536.63	73.9	17455.70	208956	97.0083 ng/ml
Ketamine	4.056	627960	694.57	36.7	214.55	256507	105.4362 ng/ml
Lamotrigine	4.287	59109	1041.33	85.3	33679.27	754141	103.7023 ng/ml
Lorazepam	5.747	263576	1243.72	51.9	729.28	212202	100.8559 ng/ml
MDA	3.208	832405	4026.70	33.8	1041.00	304024	105.4225 ng/ml
MDMA	3.302	641519	13080.63	94.5	1801.24	72373	96.3947 ng/ml
Meprobamate	4.923	234826	6386.06	33.2	3472.62	111038	102.1553 ng/ml
Methadone	5.659	1212332	549.64	48.9	11645.93	459991	97.3084 ng/ml
Methamphetamine	3.243	1352971	16821.72	38.5	239.41	513889	100.8579 ng/ml
Metoprolol	4.326	184754	14143.96	101.6	3379.60	705643	103.0496 ng/ml
Mirtazapine	4.641	1238537	44445.13	50.8	389.36	371175	103.8826 ng/ml
Mitragynine	5.245	251648	1164.11	37.9	116560.25	459991	100.2182 ng/ml
Morphine	1.261	43096	366.19	24.1	449.65	8093	98.4708 ng/ml
Norbuprenorphine	4.999	2848	2816.95	110.2	18.14	16287	9.8715 ng/ml
Nordiazepam	5.894	296352	488.12	57.5	395.32	97084	102.3514 ng/ml
Norfentanyl	4.083	138816	481.43	36.7	270.94	625732	9.5747 ng/ml
Norhydrocodone	3.070	62982	136.48	38.2	160.21	35681	97.1543 ng/ml
Noroxycodone	2.920	175582	439.46	49.4	2121.11	56878	107.5659 ng/ml
O-desmethyl-tramadol	3.376	1522014	48510.79	5.4	6095.99	899693	96.8743 ng/ml
o-desmethylvenlafaxine	4.068	1916361	59623.93	16.8	1251.84	15692	100.1782 ng/ml
Olanzapine	4.482	210428	919.90	53.3	963.67	51237	97.6007 ng/ml
Oxazepam	5.756	418016	5645.44	71.0	7396.20	212202	108.0010 ng/ml
Oxycodone	2.845	463485	1577.46	29.4	1511.16	184599	100.4358 ng/ml
Oxymorphone	1.413	138009	∞	44.5	301.49	49768	100.4167 ng/ml
Phentermine	3.785	339215	268.53	8.0	976.21	378288	104.8739 ng/ml
Promethazine	5.550	929889	36118.34	31.3	288.61	482657	96.1135 ng/ml
Pseudoephedrine	2.606	1774237	76.12	17.1	119.31	754141	97.0254 ng/ml
Quetiapine	5.560	944532	21105.52	57.6	355.11	129082	104.1165 ng/ml
Sertraline	5.776	193235	3967.15	98.2	3517.73	87630	97.4011 ng/ml
Temazepam	5.824	740926	398.69	26.4	233.94	336363	96.4499 ng/ml
Tramadol	4.245	1393586	558.52	3.5	96.30	705643	103.2997 ng/ml
Trazodone	5.177	1177692	160.78	61.3	186.89	375332	104.5393 ng/ml
Venlafaxine	5.044	1222862	45450.78	38.4	10485.80	687512	96.4947 ng/ml
Xylazine	4.083	552156	252.07	44.7	251.74	258350	99.8979 ng/ml
Zolpidem	4.934	1401316	116508.81	27.0	518225.11	556392	102.9102 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



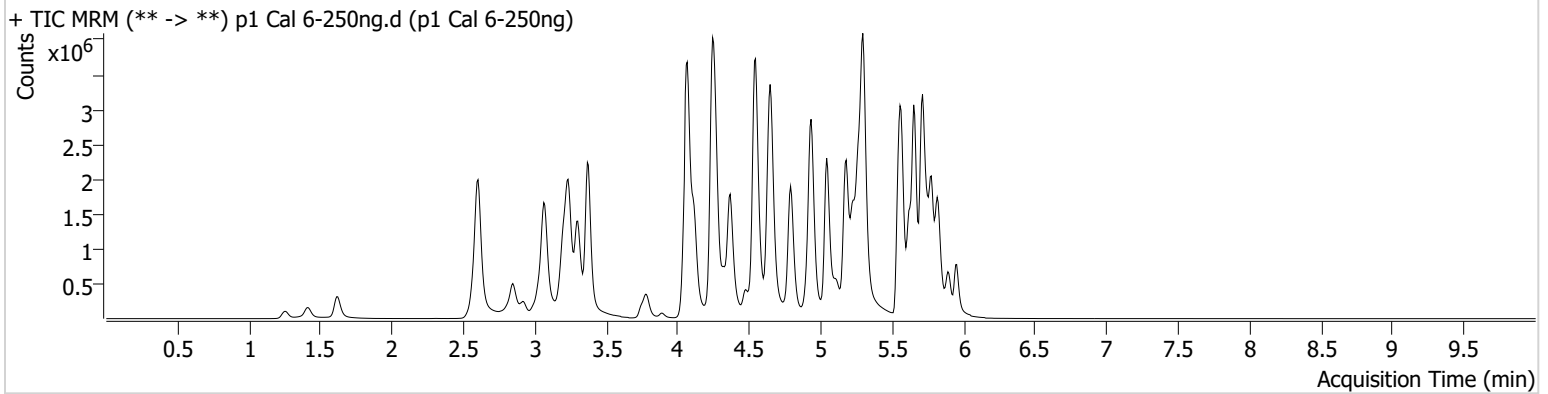
**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**Instrument** Falco (069901)  
**Type** Cal  
**Acq. Method** AM 28 MDQ P1.m  
**Sample Position** P2-F1  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 10:02:19 PM  
**Sample Info.**

**Data File** p1 Cal 6-250ng.d  
**Sample** p1 Cal 6-250ng  
**Operator** Tamara Salazar

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	3.136	47236	146702.92	72.1	424.28	51455	25.3192 ng/ml
7-aminoclonazepam	4.271	410139	2463.15	79.9	2922.22	82616	248.2113 ng/ml
9-hydroxyrisperidone	4.651	119782	69069.99	3799.1	217182.30	729610	252.3638 ng/ml
a-hydroxyalprazolam	5.692	195187	160.53	73.0	1082.97	42559	228.3388 ng/ml
alpha-PHP	4.943	718979	1099.51	256.7	2894.65	459714	252.3982 ng/ml
alpha-PVP	4.369	2926424	2440.78	50.4	508.61	459714	248.9968 ng/ml
Alprazolam	5.775	1134263	1010.50	110.4	3458.87	183669	256.6776 ng/ml
Amphetamine	3.067	3746081	220.69	45.8	137.98	244923	228.0466 ng/ml
Benzoylcegonine	3.889	79463	269.71	36.4	217.82	10270	266.9537 ng/ml
Bromazolam	5.814	468380	331437.50	119.0	13504.06	87041	246.0541 ng/ml
Buprenorphine	5.861	72563	112041.14	15.0	6442.06	98914	24.8298 ng/ml
Bupropion	4.792	3038427	110009.06	70.0	595.57	326979	251.2309 ng/ml
Carisoprodol	5.730	1031408	29585.31	60.9	5728.34	160955	248.3882 ng/ml
Citalopram	5.227	2104345	64534.70	33.9	1008847.21	346836	249.8059 ng/ml
Clonazepam	5.611	809738	45772.01	37.3	7858.41	53166	241.2546 ng/ml
Clonazolam	5.554	669221	623527.38	36.7	281732.61	53166	241.9415 ng/ml
Cocaine	4.264	1749112	3236177.26	56.9	52385.91	601962	249.6365 ng/ml
Codeine	2.589	179655	117.26	100.8	157.78	43015	250.7649 ng/ml
Cyclobenzaprine	5.627	1829959	80124.41	7.8	107.50	323717	250.7924 ng/ml
Dextromethorphan	5.277	1293307	27138.61	79.9	17445.38	243601	253.0412 ng/ml
Dextrorphan	4.116	867250	9203.35	208.4	3013.67	400841	256.0588 ng/ml
Diazepam	5.954	795564	303.53	90.0	208.50	144906	253.0013 ng/ml
Dihydrocodeine	2.568	573692	229.66	62.5	15865.23	147944	241.6748 ng/ml
Diphenhydramine	5.298	6156389	154604.80	30.6	28669.83	1165405	251.1983 ng/ml
Doxylamine	4.545	5684899	362290.56	95.6	1162.11	956716	254.6255 ng/ml
Duloxetine	5.647	173231	8992.92	13.0	1605.74	38391	246.4052 ng/ml
EDDP	5.263	2139953	19951.67	42.1	305.49	414912	256.4927 ng/ml
Etizolam	5.814	688311	11007.49	24.4	2869.30	53166	266.6519 ng/ml
Fentanyl	5.110	217469	3217.94	77.0	307.64	465087	24.8516 ng/ml
Fluorofentanyl	5.164	527329	11468.13	41.5	9379.72	3528	25.2054 ng/ml
Fluoxetine	5.707	1753691	67285.50	7.3	9520.66	257348	243.3080 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	803372	169.96	35.4	516.86	176581	249.3071 ng/ml
Hydromorphone	1.622	620249	5251.99	75.2	7679.80	78777	249.2265 ng/ml
Hydroxyzine	5.711	2087838	48665.59	79.1	30549.71	243601	251.0510 ng/ml
Ketamine	4.048	1714420	10916.63	35.7	295.97	304286	243.2088 ng/ml
Lamotrigine	4.287	158859	1824.51	87.2	65238.31	806888	261.5379 ng/ml
Lorazepam	5.747	397874	18191.07	53.8	576.86	142194	228.7559 ng/ml
MDA	3.208	1959677	4721.52	33.8	179.29	304765	248.3590 ng/ml
MDMA	3.302	1895087	462.34	93.9	3153.38	83446	246.4918 ng/ml
Meprobamate	4.916	498639	8504.12	33.9	94.37	116022	207.9502 ng/ml
Methadone	5.659	3856746	98281.68	48.8	34841.46	568034	249.7227 ng/ml
Methamphetamine	3.236	4033679	57594.30	37.7	36136.85	615661	251.8147 ng/ml
Metoprolol	4.326	516235	4160260.58	103.5	434273.47	788279	258.1261 ng/ml
Mirtazapine	4.641	3641893	4086.81	49.2	1816.84	459714	246.6102 ng/ml
Mitragynine	5.239	790652	291.42	36.6	518247.34	568034	254.7081 ng/ml
Morphine	1.254	118180	1046.98	24.8	694.80	8831	247.5389 ng/ml
Norbuprenorphine	4.992	8672	10432.27	106.3	90708.02	20692	23.4543 ng/ml
Nordiazepam	5.894	747233	∞	58.5	7822.67	100838	248.8078 ng/ml
Norfentanyl	4.083	339777	369836.85	37.2	517.16	569985	25.5971 ng/ml
Norhydrocodone	3.070	199387	233.63	38.9	∞	42314	257.0661 ng/ml
Noroxycodone	2.920	471436	9899.54	48.2	149.46	67588	242.9606 ng/ml
O-desmethyl-tramadol	3.376	4640985	1642.28	5.6	4976.27	1042518	254.1867 ng/ml
o-desmethylvenlafaxine	4.068	5084653	128304.21	17.2	3635.00	15026	276.1529 ng/ml
Olanzapine	4.475	664256	2025.73	54.8	2216.94	62348	252.3433 ng/ml
Oxazepam	5.756	654260	5333.65	71.8	1431.69	142194	252.6804 ng/ml
Oxycodone	2.845	1382887	4785.49	29.6	3942.76	222025	249.0102 ng/ml
Oxymorphone	1.413	387266	∞	44.9	∞	53422	262.7190 ng/ml
Phentermine	3.785	920376	∞	7.3	1480.54	442959	243.5056 ng/ml
Promethazine	5.544	3072846	607.18	31.9	872.98	598328	255.4455 ng/ml
Pseudoephedrine	2.606	4925589	78694.26	16.9	61575.62	806888	250.6990 ng/ml
Quetiapine	5.560	2707434	58904.79	60.0	29896.98	154298	249.8857 ng/ml
Sertraline	5.776	534624	14135.95	95.8	20726.74	95487	246.1942 ng/ml
Temazepam	5.824	1455828	29278.96	26.3	1461.61	250009	254.2425 ng/ml
Tramadol	4.245	3890103	1982.14	3.8	888.67	788279	257.7061 ng/ml
Trazodone	5.177	3450224	246.04	67.0	416.58	482945	238.4683 ng/ml
Venlafaxine	5.044	3906288	113593.29	36.8	1589.74	835252	252.6497 ng/ml
Xylazine	4.083	1584179	109474.24	47.9	2656.58	287763	256.6704 ng/ml
Zolpidem	4.934	4138951	24091.14	27.2	5009.20	669267	252.9510 ng/ml



# AM #28 Multi-Drug Quant. Results

TS

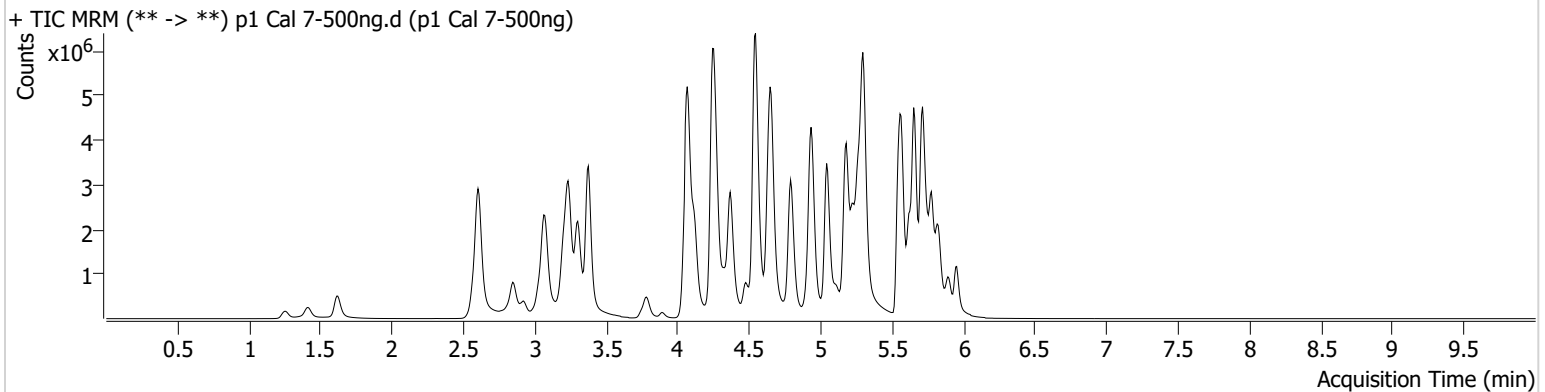


**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 7-500ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 7-500ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-G1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/25/2024 10:12:55 PM		
<b>Sample Info.</b>			

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	3.136	77510	622.45	75.5	66249.81	43172	49.4631 ng/ml
7-aminoclonazepam	4.271	580687	18393.66	73.2	3299.58	58797	493.7268 ng/ml
9-hydroxyrisperidone	4.651	195286	2470.94	4010.4	10040.76	601985	497.9441 ng/ml
a-hydroxyalprazolam	5.692	269201	116.97	73.0	411.15	29597	453.7408 ng/ml
alpha-PHP	4.943	1099427	997.03	257.2	9788.29	372468	476.7988 ng/ml
alpha-PVP	4.369	4888003	67467.77	50.7	158.95	372468	512.9188 ng/ml
Alprazolam	5.775	1702710	921.05	112.1	480.53	136255	518.6287 ng/ml
Amphetamine	3.074	5431366	63777.61	46.0	125.18	191669	423.4919 ng/ml
Benzoylcegonine	3.889	148122	458.99	36.4	721.41	10132	504.5574 ng/ml
Bromazolam	5.814	659793	3601.89	122.0	19805.28	62453	483.1192 ng/ml
Buprenorphine	5.861	125894	76019.18	15.1	256.43	81637	52.1808 ng/ml
Bupropion	4.792	5143898	176966.55	69.4	56848.37	275875	503.9040 ng/ml
Carisoprodol	5.730	1398235	46450.55	60.1	3510.10	105284	514.1407 ng/ml
Citalopram	5.227	3338526	21019.61	33.8	185597.54	271474	505.5945 ng/ml
Clonazepam	5.611	1032463	97606.21	37.3	12355.88	37341	438.4408 ng/ml
Clonazolam	5.561	803579	889091.40	37.2	380892.29	37341	414.0542 ng/ml
Cocaine	4.264	2837147	14165.85	56.3	30360.14	484815	502.5930 ng/ml
Codeine	2.589	268082	79.52	99.3	91.25	34078	472.6152 ng/ml
Cyclobenzaprine	5.627	3215187	149060.48	7.3	150.81	269228	529.3123 ng/ml
Dextromethorphan	5.277	2016260	46459.54	78.7	73623.66	192640	498.3786 ng/ml
Dextrorphan	4.116	1346523	743.92	207.1	172836.91	315493	504.7617 ng/ml
Diazepam	5.954	1307766	179.57	89.8	330.98	122594	491.3493 ng/ml
Dihydrocodeine	2.568	934827	471.12	64.0	1007.46	131583	443.1443 ng/ml
Diphenhydramine	5.305	9968956	124684.58	30.4	31718.39	937504	505.1083 ng/ml
Doxylamine	4.545	9994737	196853.67	95.9	189314.38	821553	520.5652 ng/ml
Duloxetine	5.647	274596	1587.02	12.8	292.95	30874	485.3603 ng/ml
EDDP	5.263	3267832	62473.54	41.3	41395.19	319957	507.5653 ng/ml
Etizolam	5.814	1077883	2127.36	25.2	124100.42	37341	593.1595 ng/ml
Fentanyl	5.110	403559	158569.56	75.9	1019.90	419048	51.1510 ng/ml
Fluorofentanyl	5.164	974019	11402.87	39.8	15255.97	3574	45.9432 ng/ml
Fluoxetine	5.707	2801824	62993.74	7.4	8845.75	200141	499.5649 ng/ml

TS

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	1380406	1019.99	35.4	4228.72	154297	490.5591 ng/ml
Hydromorphone	1.622	1057307	3513974.21	75.8	2254800.81	66549	502.6939 ng/ml
Hydroxyzine	5.711	3411063	68783.02	80.8	60178.58	192640	518.2415 ng/ml
Ketamine	4.048	2651738	84285.06	35.3	303.89	254138	450.7671 ng/ml
Lamotrigine	4.287	235031	18088.57	87.4	18134.61	638383	489.6855 ng/ml
Lorazepam	5.747	446817	7679.69	54.0	533.68	82574	443.5392 ng/ml
MDA	3.208	2832371	10220.87	31.2	3459.97	224942	486.8910 ng/ml
MDMA	3.302	3048205	593.10	95.1	51642.77	65401	505.5451 ng/ml
Meprobamate	4.916	677387	3304.80	33.0	1579.20	92452	354.7521 ng/ml
Methadone	5.652	6509660	117427.67	48.4	69341.56	461523	518.1152 ng/ml
Methamphetamine	3.236	6568828	54256.89	37.4	191.90	538428	469.3813 ng/ml
Metoprolol	4.326	814644	14191.16	103.1	3107.93	654420	490.8785 ng/ml
Mirtazapine	4.634	6100695	380.13	48.3	1643.18	372468	509.8544 ng/ml
Mitragynine	5.239	1260798	1649478.78	36.4	676.41	461523	499.7286 ng/ml
Morphine	1.254	197706	291.31	24.4	878.44	7205	507.6152 ng/ml
Norbuprenorphine	4.999	15612	31335.22	104.4	22504.18	16649	52.2988 ng/ml
Nordiazepam	5.900	1065684	340.43	59.6	270.40	73789	485.1449 ng/ml
Norfentanyl	4.083	482633	1202.30	38.5	3578.27	399637	51.7780 ng/ml
Norhydrocodone	3.070	340314	143.83	39.9	116.29	34528	536.2056 ng/ml
Noroxycodone	2.920	770182	995.30	49.3	14646.01	54192	494.9707 ng/ml
O-desmethyl-tramadol	3.376	8029927	∞	5.6	661.49	886942	516.4758 ng/ml
o-desmethylvenlafaxine	4.068	7649869	128059.95	17.0	266.13	11433	545.2541 ng/ml
Olanzapine	4.475	1354388	508.15	55.2	417.22	60795	527.0858 ng/ml
Oxazepam	5.756	690987	∞	72.4	2962.08	82574	459.8030 ng/ml
Oxycodone	2.845	2390764	3604.14	29.8	3363.34	191019	500.2736 ng/ml
Oxymorphone	1.413	628414	613.59	46.7	956.72	48324	471.3962 ng/ml
Phentermine	3.785	1369939	∞	7.4	1454.95	373836	429.7536 ng/ml
Promethazine	5.544	5493269	17566.04	31.9	536.17	527891	517.1164 ng/ml
Pseudoephedrine	2.606	8018751	164326.60	16.6	155.38	638383	515.1633 ng/ml
Quetiapine	5.567	4242286	1144.99	60.1	36799.77	124528	485.2986 ng/ml
Sertraline	5.776	898268	543.19	95.3	1936.07	78164	504.5724 ng/ml
Temazepam	5.824	1715663	37860.02	25.9	1531.27	141018	530.7099 ng/ml
Tramadol	4.245	6125159	∞	3.9	319.04	654420	488.5188 ng/ml
Trazodone	5.177	5927204	88606.37	69.0	625.59	432465	457.8109 ng/ml
Venlafaxine	5.044	6552545	∞	35.3	525.09	682916	517.6506 ng/ml
Xylazine	4.083	2585256	134888.96	49.0	4239.44	230722	521.9957 ng/ml
Zolpidem	4.934	6826506	28478.63	26.6	51772.81	569875	490.1302 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



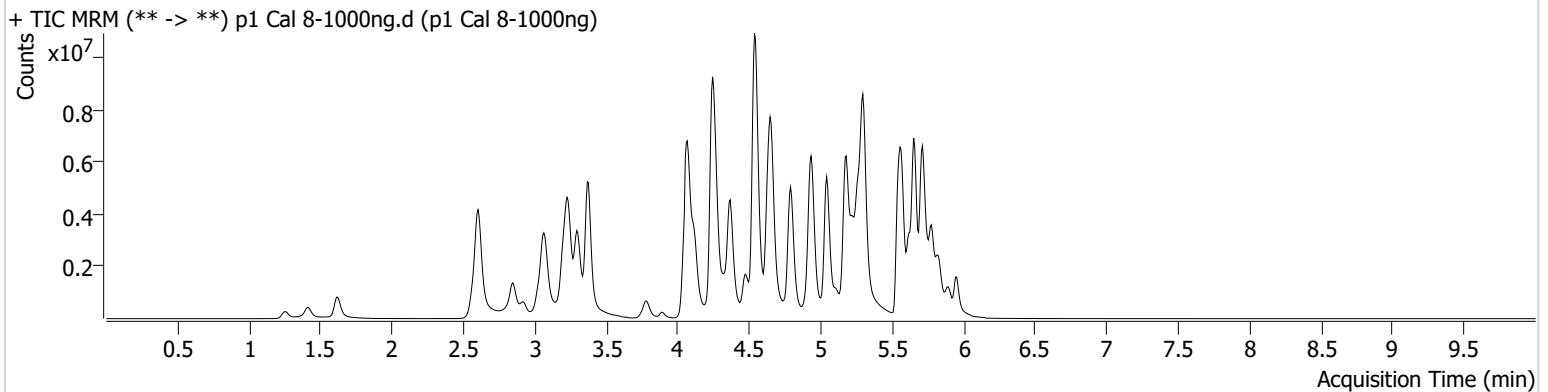
**Batch results** D:\MassHunter\Data\2024\AM 27 28\032524 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/27/2024 9:57:53 AM

**Instrument** Falco (069901)  
**Type** Cal  
**Acq. Method** AM 28 MDQ P1.m  
**Sample Position** P2-H1  
**Injection Volume** 2  
**Acq. Date-Time** 3/25/2024 10:23:31 PM  
**Sample Info.**

**Data File** p1 Cal 8-1000ng.d  
**Sample** p1 Cal 8-1000ng  
**Operator** Tamara Salazar

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	3.136	134773	65602.96	69.9	1696975.26	35902	103.3575 ng/ml
7-aminoclonazepam	4.271	699614	4383.66	66.8	2386.17	35885	974.5850 ng/ml
9-hydroxyrisperidone	4.651	316286	1595.60	4041.6	22556.03	475376	1020.4786 ng/ml
a-hydroxyalprazolam	5.692	315243	∞	68.9	204.79	17500	899.5621 ng/ml
alpha-PHP	4.943	1673702	1470.92	255.6	3584.92	312348	865.9629 ng/ml
alpha-PVP	4.369	8195356	343160.93	51.2	26133.28	312348	1025.1227 ng/ml
Alprazolam	5.775	2293993	669.15	106.8	1909.62	92405	1029.5619 ng/ml
Amphetamine	3.067	7900421	119587.55	45.8	187.01	164786	717.2990 ng/ml
Benzoylcegonine	3.889	264349	968.39	36.3	5709.41	9336	977.3744 ng/ml
Bromazolam	5.814	830475	678468.78	120.3	479211.26	39289	966.6805 ng/ml
Buprenorphine	5.861	228094	131224.64	14.9	38586.06	70010	110.2256 ng/ml
Bupropion	4.792	8765073	465240.20	68.4	196904.45	237775	996.0272 ng/ml
Carisoprodol	5.730	1674040	868259.44	60.2	5930.80	61540	1052.4810 ng/ml
Citalopram	5.220	4829371	97668.16	35.5	40848.80	194160	1021.8657 ng/ml
Clonazepam	5.611	1113897	14585.39	37.5	27045.89	23258	759.8805 ng/ml
Clonazolam	5.561	835466	653786.74	38.0	213976.18	23258	691.5653 ng/ml
Cocaine	4.264	4494178	305253.65	56.1	528.01	383185	1007.1130 ng/ml
Codeine	2.589	390968	189.46	99.8	4728.16	27056	868.4432 ng/ml
Cyclobenzaprine	5.627	4761902	891.28	7.4	876.76	202276	1042.9895 ng/ml
Dextromethorphan	5.277	2979347	62700.24	78.4	14617.87	142894	992.3265 ng/ml
Dextrorphan	4.116	2096769	85402.19	214.0	31012.40	238708	1038.4480 ng/ml
Diazepam	5.954	1896229	∞	91.1	2474.75	86835	1005.5697 ng/ml
Dihydrocodeine	2.561	1479246	345.01	64.1	19043.04	116886	789.7365 ng/ml
Diphenhydramine	5.298	15794574	137587.50	29.9	50658.47	718532	1043.6027 ng/ml
Doxylamine	4.538	18047868	122196.56	94.2	133139.48	718361	1074.2752 ng/ml
Duloxetine	5.647	353847	4352.59	13.8	1139.08	18098	1066.5381 ng/ml
EDDP	5.263	5329799	109250.42	41.0	607.77	252198	1049.8621 ng/ml
Etizolam	5.814	1525774	9222.41	25.3	34051.84	23258	1346.6578 ng/ml
Fentanyl	5.110	729553	30318.68	76.1	515134.88	376945	102.7677 ng/ml
Fluorofentanyl	5.164	1541015	31418.58	40.1	5348.23	2840	91.4222 ng/ml
Fluoxetine	5.707	3745752	90030.84	7.4	377644.73	133805	998.7072 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	2354567	∞	37.0	1658.18	133036	970.7913 ng/ml
Hydromorphone	1.616	1819742	6085466.53	75.1	3013717.65	57885	994.4986 ng/ml
Hydroxyzine	5.711	5322732	73195.81	82.0	60050.64	142894	1089.7650 ng/ml
Ketamine	4.048	3827290	103091.18	35.6	803.98	204747	807.8778 ng/ml
Lamotrigine	4.287	301865	13651.14	90.6	775.38	484279	829.5496 ng/ml
Lorazepam	5.747	512265	11216.97	51.5	558.03	41577	1011.5110 ng/ml
MDA	3.201	3857018	459.58	31.9	16111.86	175494	850.2732 ng/ml
MDMA	3.295	5031376	144953.76	87.6	2014.24	50461	1081.1699 ng/ml
Meprobamate	4.909	831393	33191.73	32.3	4478.80	70358	572.3412 ng/ml
Methadone	5.652	10497557	1376.37	47.6	45583.64	356882	1079.8402 ng/ml
Methamphetamine	3.236	10352509	106174.35	36.7	117822.63	480667	829.0681 ng/ml
Metoprolol	4.326	1197644	228986.57	103.3	1117552.45	550499	858.0790 ng/ml
Mirtazapine	4.634	9520067	271372.91	47.9	95697.45	312348	948.7466 ng/ml
Mitragynine	5.239	1931943	112604.32	36.8	633039.09	356882	990.0907 ng/ml
Morphine	1.254	332518	843.10	24.2	2374.64	6631	927.7567 ng/ml
Norbuprenorphine	4.999	26239	13028.61	107.5	51163.19	14743	99.1323 ng/ml
Nordiazepam	5.894	1289785	5450.94	58.9	23044.89	44697	969.5762 ng/ml
Norfentanyl	4.090	608875	1220.92	38.7	613.82	239503	108.9104 ng/ml
Norhydrocodone	3.070	578247	203.64	39.4	117.23	27916	1125.3797 ng/ml
Noroxycodone	2.920	1236820	1373.64	51.2	632.42	45605	944.4656 ng/ml
O-desmethyl-tramadol	3.376	13500391	125762.05	5.5	21964.82	739853	1040.5020 ng/ml
o-desmethylvenlafaxine	4.068	10346102	141092.26	17.2	31847.20	9311	904.9372 ng/ml
Olanzapine	4.475	3043076	951.84	56.4	921.83	74274	968.8966 ng/ml
Oxazepam	5.749	679503	∞	72.4	3071.84	41577	898.3171 ng/ml
Oxycodone	2.845	4189605	2293.19	29.9	634.41	173284	966.3228 ng/ml
Oxymorphone	1.413	1185333	725.14	44.2	2315.53	44438	967.0429 ng/ml
Phentermine	3.785	2221058	∞	6.9	5429.97	324332	803.4301 ng/ml
Promethazine	5.544	9003552	1304.39	30.5	30060.21	420595	1063.2959 ng/ml
Pseudoephedrine	2.606	12730897	183360.90	16.3	43178.83	484279	1077.4378 ng/ml
Quetiapine	5.567	6346580	674.41	61.4	860.87	98589	917.1711 ng/ml
Sertraline	5.776	1268619	557.60	94.1	587.40	51314	1084.6488 ng/ml
Temazepam	5.831	1920587	17956.79	28.9	175.44	82865	1010.6251 ng/ml
Tramadol	4.245	9267144	∞	4.0	431.53	550499	878.4134 ng/ml
Trazodone	5.177	9490545	86845.17	70.6	118928.30	387292	818.8179 ng/ml
Venlafaxine	5.044	11066746	1597.66	34.9	34580.48	549555	1085.7111 ng/ml
Xylazine	4.076	4155208	60891.37	50.3	8790.46	189760	1019.7018 ng/ml
Zolpidem	4.934	10987692	241365.58	26.1	141736.15	485066	926.9845 ng/ml