

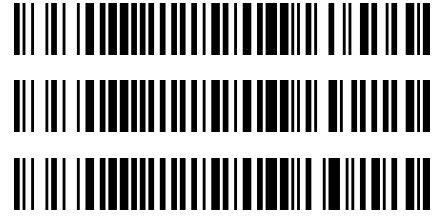
**Worklist: 6123**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-3438	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3534	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3535	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3588	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3658	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3659	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3676	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3734	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3741	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3742	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2484	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2484	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2580	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2582	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2588	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2639	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2762	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2765	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2782	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2788	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2805	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

**Worklist: 6123**

CS TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-2808	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-2814	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-2824	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



TS CS

10/13/2022

**Worklist: 6125**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2022-3175	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



**Request for Departure from an Analytical Method or Quality Standard**

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Deviation Number (assigned by QM): TOX-22-01

Date of Request: 2/3/2022

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

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**Scope of Deviation** (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

**Deviation Request** (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

**Technical Justification for Analytical Method Deviations:** Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

**Technical Review**

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Departure approved  
Comments:

Departure Not Approved  
Comments:

Approver: Rachel Cutler  
Title: Laboratory Manager



Date: 2/10/2022

**Quality Review**

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Quality Approver: Jason Crowe  
Title: Quality Manager  
Date: 2/10/2022



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

CS TS

Extraction Date: 10/03/2022  
Plate lot#: 220324  
Mobile phase A: 5mM Amm Form + 0.01% FA  
Blank Blood Lot: Lampire 22B52015-1  
Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar  
Plate Retest Date: 09/24/2022 - ok with external control  
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. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. -**Skipped per deviation**
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. 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)**
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate.**
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 13. Add **900uL ethyl acetate.**
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. 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.
- 18. 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:

Results reported qualitatively only as the analytical plate is past the re-test date and the calculated concentrations of the external control are higher than expected.

## Curves Limited:

7-aminoclonazepam: 5-250 -- Calibrator 7 and 8 dropped due to accuracy

Amphetamine: 5-250 -- Calibrators 7 & 8 dropped due to accuracy

CS TS

Buprenorphine: 1-100 -- Calibrator 1 dropped due to ratio  
Cloanzepam: 5-500 -- Calibrator 8 dropped due to accuracy  
Clonazolam: 5-500 -- Calibrator 8 dropped due to accuracy  
Codeine: 5-500 -- Calibrator 8 dropped due to accuracy  
Dihydrocodeine: 5-500 -- Calibrator 8 dropped due to accuracy  
Fentanyl: 0.5-50 -- Calibrator 8 dropped due to accuracy  
Lamotrigine: 5-500 -- Calibrator 8 dropped due to accuracy  
MDA: 5-500 -- Calibrator 8 dropped due to accuracy  
Meprobamate: 5-250 -- Calibrators 7 & 8 dropped due to accuracy  
Methamphetamine: 5-500 -- Calibrator 8 dropped due to accuracy  
Norhydrocodone: 5-500 -- Calibrator 8 dropped due to accuracy  
Phentermine: 5-500 -- Calibrator 8 dropped due to accuracy  
Trazodone: 5-500 -- Calibrator 8 dropped due to accuracy

Celena Shrum included case sample M2022-3175 with this run. Tamara Salazar acted as the primary analyst, performing steps 5-18.

I, Celena Shrum, approve of all steps utilized in this method. CS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	M2022-3175-1_CS	P2022-2762-1	M2022-3741-2	M2022-3438-3	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	P2022-2824-1	P2022-2639-1	M2022-3734-2	External Blood	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	P2022-2814-1	P2022-2588-1	M2022-3676-2	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	P2022-2808-1	P2022-2582-1	M2022-3659-4	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	P2022-2805-1	P2022-2580-1	M2022-3658-2	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	P2022-2788-1	P2022-2484-2	M2022-3588-3	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	P2022-2782-1	P2022-2484-1	M2022-3535-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2022-2765-1	M2022-3742-3	M2022-3534-4	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution



# Idaho State Police Forensic Services

## AM #25 Blood Multi-Drug Screen by LCMS-QQQ And AM #28 Blood Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

### Methanol External Control Solution (Lot: 042222)

*100  $\mu$ L of 1mg/mL stock was added to each drug to 9600  $\mu$ L of LC MeOH.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	215245	N/A
Tramadol	Cerilliant	FE10051901	12/31/2024
Hydrocodone	Cerilliant	FE04241902	09/30/2024
Alprazolam	Cerilliant	FE06102008	06/30/2025
Buprenorphine	Cerilliant	FE03191903	06/31/2024
Prepared:	04/22/2022		
Expires:	04/22/2023		
Prepared By:	Celena Shrum		

### Blood External Control Solution (Lot: WS100322)

*200  $\mu$ L of methanol external control solution was added to 9800  $\mu$ L of blood.*

*Approximately 200 ng/mL of each compound.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	22B52015-1
Methanol External Control Solution		042222
Prepared:	10/03/2022	
Expires:	04/22/2023	
Prepared by:	Tamara Salazar	



CS TS

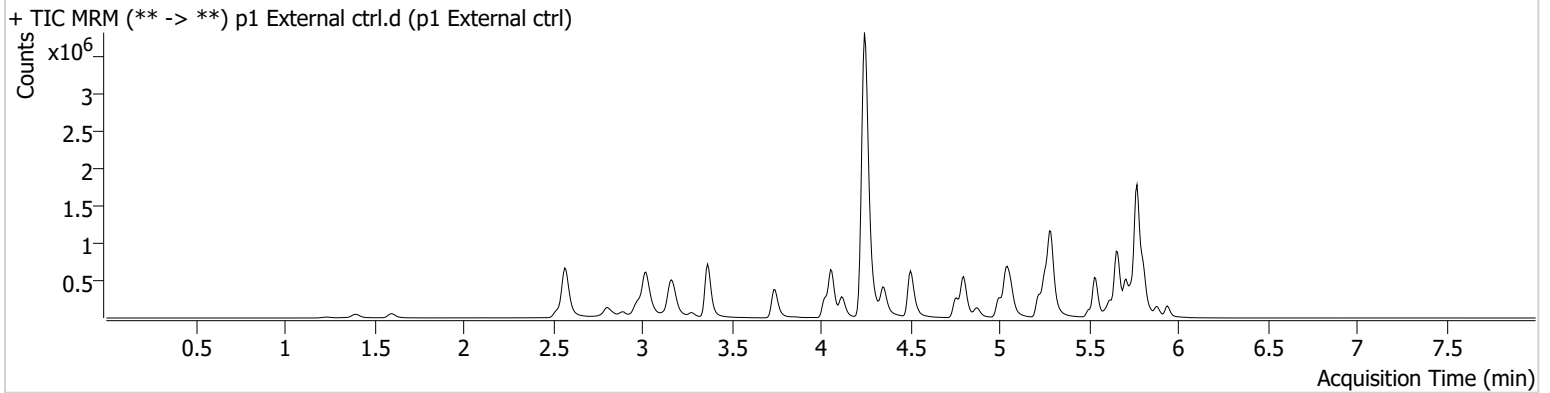


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 External ctrl.d
<b>Type</b>	Sample	<b>Sample</b>	p1 External ctrl
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-B11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 3:58:34 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.769	1832743	∞	106.1	1319.40	247897	237.3022 ng/ml
Buprenorphine	5.656	989556	54252.28	14.7	303406.16	131272	287.1658 ng/ml
Hydrocodone	3.021	1259527	∞	39.5	396.75	336711	235.6395 ng/ml
Norbuprenorphine	4.991	230	80.84	109.9 <b>High</b>	721.81	20984	0.3529 ng/ml
Tramadol	4.244	8271431	2210.26	3.2	505.92	1507580	262.6489 ng/ml

Calculated concentrations higher than expected. The run will be reported qualitatively only.

CS TS

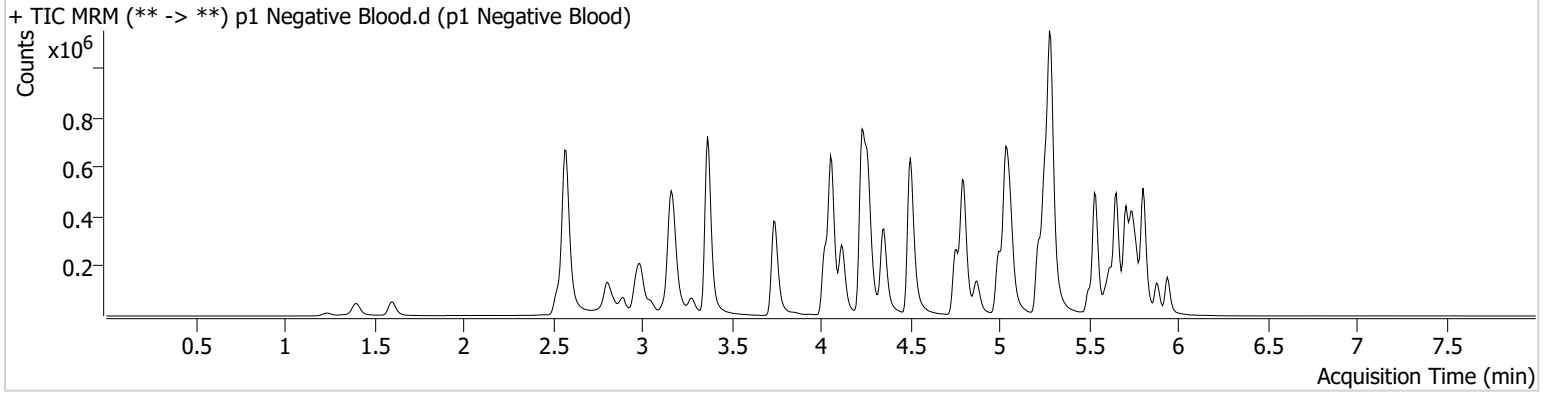


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 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>	P6-C11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 3:37:22 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



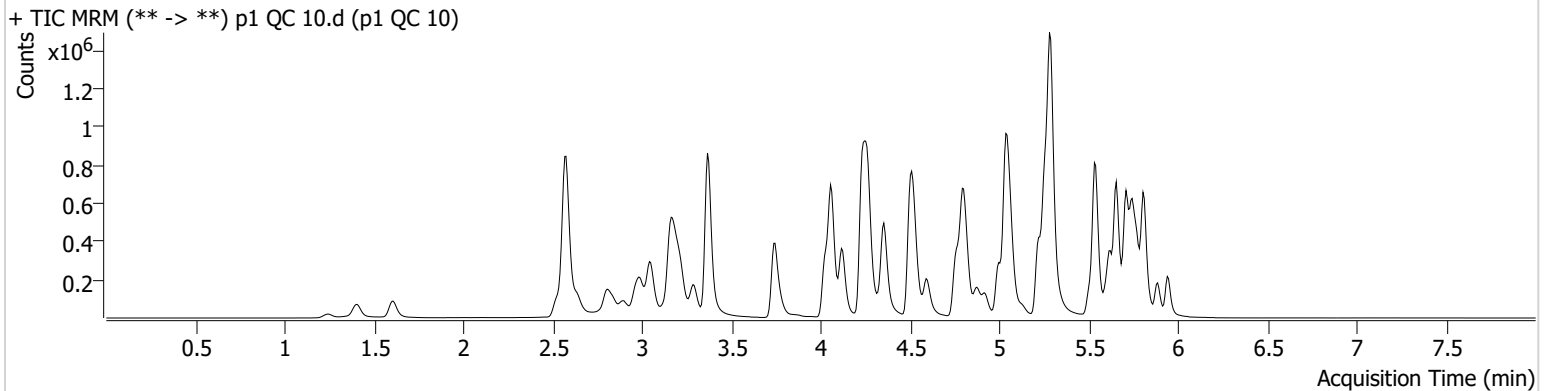


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

**Instrument** Falco (069901) **Data File** p1 QC 10.d  
**Type** QC **Sample** p1 QC 10  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P6-H11 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/3/2022 2:12:26 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	3358	2452.50	73.2	6015.41	78777	0.9831 ng/ml
7-aminoclonazepam	4.249	56176	123.78	70.8	75.75	191843	10.5534 ng/ml
a-hydroxyalprazolam	5.692	26385	1058.29	66.0	169.43	990057	10.5841 ng/ml
alpha-PHP	4.922	65372	1422.86	260.1	8755.57	887693	10.0825 ng/ml
alpha-PVP	4.361	237941	80641.67	50.9	1789.39	887693	9.7071 ng/ml
Alprazolam	5.769	97184	747.20	108.5	1935.91	322324	9.8821 ng/ml
Amphetamine	3.051	448780	10037.28	51.4	1791.51	464675	10.4809 ng/ml
Benzoylcegonine	3.877	4267	196.16	7.6	92.52	13353	10.6832 ng/ml
Buprenorphine	5.656	3897	244.99	15.7	791.26	141439	0.9911 ng/ml
Bupropion	4.773	212482	21459.64	67.8	896.36	743278	9.8550 ng/ml
Carisoprodol	5.717	102752	204737.02	62.1	174.87	483820	10.0230 ng/ml
Citalopram	5.218	172142	539.39	33.8	3306.84	747674	10.1181 ng/ml
Clonazepam	5.605	106631	7545.20	34.6	∞	136757	10.6787 ng/ml
Clonazepam	5.549	72717	4774.84	34.9	1608.78	136757	10.7362 ng/ml
Cocaine	4.262	141950	200.80	57.8	2333.49	1181188	10.1083 ng/ml
Codeine	2.580	18450	145.25	102.4	1014.90	83789	10.5037 ng/ml
Cyclobenzaprine	5.622	116933	536.25	7.7	89.16	448488	9.7026 ng/ml
Dextromethorphan	5.261	93247	181.94	82.0	3460.10	380571	10.1613 ng/ml
Dextrophan	4.123	59885	5939.23	199.0	2670.87	621042	9.9743 ng/ml
Diazepam	5.947	68701	403.24	88.8	558.73	308665	10.2539 ng/ml
Dihydrocodeine	2.552	45647	790.28	66.7	263.11	261237	10.4383 ng/ml
Diphenhydramine	5.289	419182	∞	32.7	7410.34	2624198	10.4383 ng/ml
Doxylamine	4.521	416249	4629.45	98.8	6095.09	1783946	9.9669 ng/ml
EDDP	5.254	197705	445.07	41.9	4999.90	1103431	9.4220 ng/ml
Etizolam	5.807	49410	27580.92	28.0	468.00	136757	9.4753 ng/ml
Fentanyl	5.075	12940	1255.56	65.3	56038.59	688847	0.9655 ng/ml
Flualprazolam	5.699	36640	1580.25	106.2	2586.67	322324	10.4764 ng/ml
Fluoxetine	5.707	123438	274.92	7.8	423.37	480573	9.7472 ng/ml
Hydrocodone	3.021	67842	427.75	37.3	124.72	383517	10.2663 ng/ml
Hydromorphone	1.615	63036	1708.87	78.3	85894.43	195753	9.8707 ng/ml
Ketamine	4.035	160962	4806.64	33.8	349.88	706378	10.1678 ng/ml
Lamotrigine	4.272	13361	227.95	95.7	304.58	2019221	9.9099 ng/ml
Levetiracetam	2.637	67626	891.85	158.1	1815.70	2019221	9.7073 ng/ml

CS TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	89806	869.77	50.3	235.64	656006	10.2746 ng/ml
MDA	3.199	274420	823.42	25.4	348.05	564081	11.3789 ng/ml
MDMA	3.292	154325	2546.37	86.8	655.79	153763	9.9444 ng/ml
Meprobamate	4.896	62290	6566.14	28.1	1900.61	296218	10.1277 ng/ml
Methadone	5.653	232424	583.32	59.4	1166.61	956435	9.8711 ng/ml
Methamphetamine	3.220	298554	562.70	39.5	208.61	1148488	10.3729 ng/ml
Metoprolol	4.324	40151	895.11	98.3	500.82	2019221	10.0760 ng/ml
Mirtazapine	4.589	292767	2578.82	54.1	1717.24	887693	9.8141 ng/ml
Mitragynine	5.202	50861	584.06	35.3	46985.59	956435	9.9189 ng/ml
Morphine	1.253	10544	133.72	25.4	311.15	15530	10.2258 ng/ml
Norbuprenorphine	4.991	593	176.00	90.9	1273.60	21362	1.0564 ng/ml
Nordiazepam	5.886	74257	6445.17	52.9	1340.35	240887	10.0776 ng/ml
Norfentanyl	4.084	37722	2249.98	37.0	35.22	1527009	1.0717 ng/ml
Norhydrocodone	3.068	8769	100.71	38.7	25.95	85581	9.2335 ng/ml
Noroxycodone	2.912	63381	536.38	48.0	328.60	181224	10.0800 ng/ml
O-desmethyl-tramadol	3.372	349387	604.59	6.1	247.47	1856829	9.7741 ng/ml
Oxazepam	5.750	116142	∞	74.1	81.15	656006	10.1626 ng/ml
Oxycodone	2.836	127436	747.13	30.6	396.13	466771	10.3199 ng/ml
Oxymorphone	1.405	57917	151.97	47.9	3085.77	176794	9.8890 ng/ml
Phentermine	3.780	99016	215.42	4.1	104.17	1093156	10.5621 ng/ml
Promethazine	5.538	301681	1860.20	30.5	2032.10	1313507	9.7529 ng/ml
Pseudoephedrine	2.583	403648	988.07	17.2	444.24	2019221	9.8011 ng/ml
Quetiapine	5.514	163283	5677.18	58.4	23924.76	235419	9.9416 ng/ml
Sertraline	5.776	38566	267.86	93.9	448.89	161159	9.9914 ng/ml
Temazepam	5.810	198883	2385.17	27.2	137.94	990057	9.6116 ng/ml
Tramadol	4.244	369034	9714.91	3.5	66.25	1715918	9.9761 ng/ml
Trazodone	5.033	169281	515.46	82.5	309.61	720272	10.4107 ng/ml
Venlafaxine	5.036	306093	926.86	31.9	930.98	1590074	10.1980 ng/ml
Zolpidem	4.819	305452	11366.56	29.8	1797.66	1384255	10.3786 ng/ml

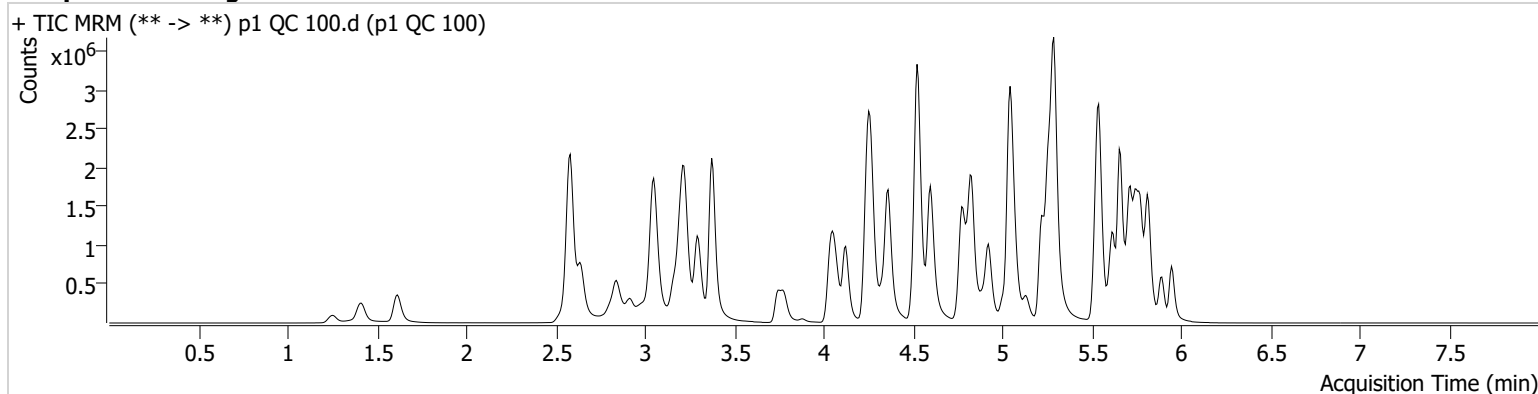


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 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** P6-G11 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/4/2022 1:21:50 AM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	33272	48041.09	67.9	70026.74	79630	9.8788 ng/ml
7-aminoclonazepam	4.256	475779	190.30	71.3	393.38	179432	100.7297 ng/ml
a-hydroxyalprazolam	5.685	200623	650.79	67.2	492.79	818881	103.7892 ng/ml
alpha-PHP	4.922	629025	37687.23	262.0	786.94	843774	100.8670 ng/ml
alpha-PVP	4.361	2325459	149801.99	51.0	926.43	843774	98.3970 ng/ml
Alprazolam	5.769	898026	∞	106.7	1569.89	282883	102.0165 ng/ml
Amphetamine	3.051	3789020	25730.06	48.5	15298.46	455396	97.9651 ng/ml
Benzoylcegonine	3.877	38719	8275.63	8.1	404.65	12965	101.4463 ng/ml
Buprenorphine	5.670	39436	635.14	15.4	10020.28	131281	11.3869 ng/ml
Bupropion	4.773	2094411	1093.39	67.1	2441.07	742241	99.1005 ng/ml
Carisoprodol	5.724	811507	3324125.60	63.8	11481.44	379293	96.1531 ng/ml
Citalopram	5.218	1634524	763.34	34.3	861.48	708545	99.7134 ng/ml
Clonazepam	5.605	893893	11052.09	34.5	47746.69	124187	103.5262 ng/ml
Clonazepam	5.549	601697	656860.16	36.8	316335.39	124187	105.3748 ng/ml
Cocaine	4.262	1304940	49296.69	58.2	1385.11	1117406	98.9484 ng/ml
Codeine	2.580	156338	799.79	101.8	257471.32	80050	101.5737 ng/ml
Cyclobenzaprine	5.622	1084614	1013.93	8.0	332.38	409550	93.2680 ng/ml
Dextromethorphan	5.268	831978	24847.98	81.7	629.56	346312	100.4544 ng/ml
Dextrophan	4.123	586012	21165.66	197.2	82291.63	589636	101.6153 ng/ml
Diazepam	5.947	651737	8185.83	90.2	658.93	289269	105.9890 ng/ml
Dihydrocodeine	2.552	433397	304.69	69.9	327.05	260148	106.5438 ng/ml
Diphenhydramine	5.289	4059517	54326.73	31.9	24894.33	2404617	106.7582 ng/ml
Doxylamine	4.521	4223004	536926.47	96.8	19398.62	1773533	101.4920 ng/ml
EDDP	5.261	1803337	1304.99	41.8	19394.82	1000557	92.8058 ng/ml
Etizolam	5.814	446988	8821.57	27.4	50008.02	124187	85.6020 ng/ml
Fentanyl	5.075	130494	450.75	64.9	315797.01	650112	9.8140 ng/ml
Flualprazolam	5.699	330870	7485.04	106.1	2942.16	282883	112.1666 ng/ml
Fluoxetine	5.714	924139	75493.79	7.8	130142.99	355697	95.4258 ng/ml
Hydrocodone	3.021	605093	464.64	38.5	∞	373326	101.5795 ng/ml
Hydromorphone	1.615	602307	3183997.56	78.0	2462715.67	184861	99.9411 ng/ml
Ketamine	4.042	1501972	56751.30	34.7	3132.90	677377	102.8649 ng/ml
Lamotrigine	4.278	117722	1275.19	92.5	12729.93	1815099	102.8599 ng/ml
Levetiracetam	2.644	614818	4577.73	160.9	12781.92	1815099	98.1457 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	550238	3611.05	53.6	1227.28	477011	99.0957 ng/ml
MDA	3.199	2088572	10184.40	25.7	7318.07	493650	109.8842 ng/ml
MDMA	3.292	1479196	17920.38	86.2	4348.23	145530	101.4043 ng/ml
Meprobamate	4.896	523596	3906.84	28.0	6658.82	278225	98.9625 ng/ml
Methadone	5.659	2271725	241172.96	59.3	33795.15	939625	95.2165 ng/ml
Methamphetamine	3.227	2851293	39750.62	38.5	1023.65	1172684	105.0309 ng/ml
Metoprolol	4.324	380847	1201477.48	98.7	6274.31	1815099	106.6713 ng/ml
Mirtazapine	4.596	2861594	119230.95	53.6	7092.23	843774	97.9448 ng/ml
Mitragynine	5.209	484081	3226.25	35.9	560.96	939625	94.0492 ng/ml
Morphine	1.253	98242	1106.21	27.8	324.52	15133	97.1163 ng/ml
Norbuprenorphine	4.991	5073	5220.91	97.6	3914.03	22350	9.4045 ng/ml
Nordiazepam	5.893	651372	1680.07	55.1	779.43	212592	103.1355 ng/ml
Norfentanyl	4.084	360675	10850.70	36.3	495.09	1447328	8.9483 ng/ml
Norhydrocodone	3.068	81480	176.17	39.9	353.87	65237	99.7144 ng/ml
Noroxycodone	2.918	554763	823.87	48.0	1319.81	167852	96.8053 ng/ml
O-desmethyl-tramadol	3.372	3499925	69274.59	6.0	1482.18	1787625	98.8009 ng/ml
Oxazepam	5.750	831636	317.88	72.3	12933.32	477011	104.6319 ng/ml
Oxycodone	2.836	1206654	2003.86	29.9	1881.07	461647	108.5362 ng/ml
Oxymorphone	1.411	571056	∞	44.8	406.06	167300	104.9636 ng/ml
Phentermine	3.780	869851	2853.46	4.1	1090.43	1058514	105.2606 ng/ml
Promethazine	5.538	2817381	82095.21	29.5	10070.83	1184718	97.0681 ng/ml
Pseudoephedrine	2.583	3768106	86047.29	16.9	96359.49	1815099	98.1200 ng/ml
Quetiapine	5.514	1599818	76525.25	59.0	278207.40	236300	103.9422 ng/ml
Sertraline	5.783	273022	8759.10	96.5	513.63	112967	99.6163 ng/ml
Temazepam	5.817	1646079	4683.16	27.0	516.31	818881	96.0744 ng/ml
Tramadol	4.244	3507238	1000.33	3.4	471.45	1685151	99.4263 ng/ml
Trazodone	5.046	1549064	1279128.09	82.2	147791.02	717011	105.7982 ng/ml
Venlafaxine	5.043	3001896	285776.68	30.8	14690.46	1497238	103.5054 ng/ml
Zolpidem	4.825	3039541	40053.39	29.3	5872.90	1373997	104.0772 ng/ml

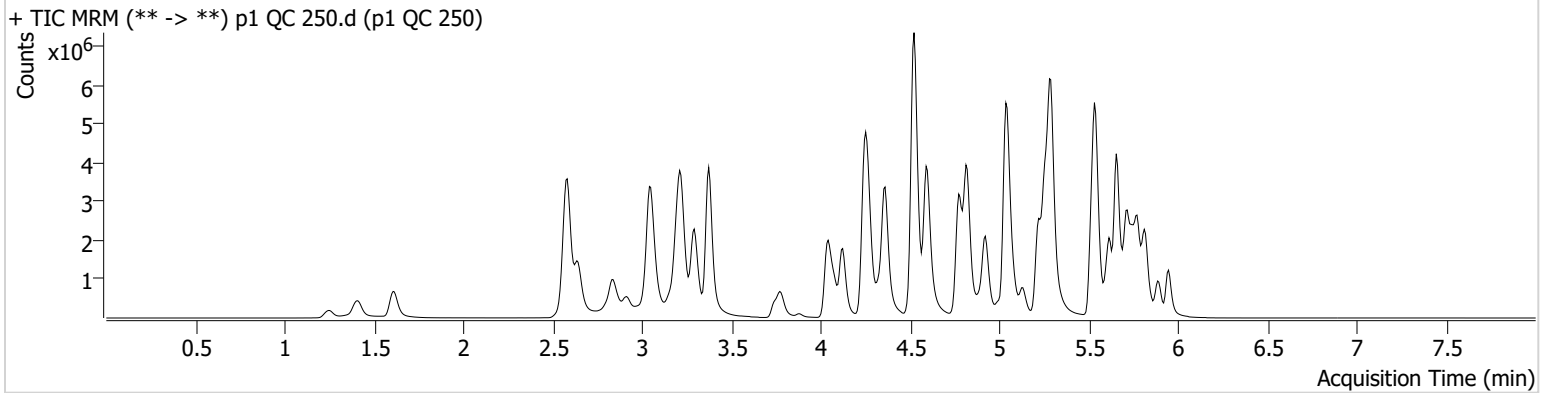


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 250.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 250
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-F11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 2:33:40 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	75400	364.53	69.3	5226.51	71250	25.0617 ng/ml
7-aminoclonazepam	4.249	791426	8166.41	71.5	1386.30	136735	220.6368 ng/ml
a-hydroxyalprazolam	5.685	300258	521.67	69.6	771.48	524339	243.6505 ng/ml
alpha-PHP	4.922	1378962	35107.62	265.0	94372.01	747049	249.5584 ng/ml
alpha-PVP	4.361	5258519	139602.19	50.8	52601.73	747049	251.0757 ng/ml
Alprazolam	5.769	1736149	1104.82	103.5	2242.27	214633	259.6144 ng/ml
Amphetamine	3.051	7204619	3941.72	48.3	30630.16	414343	205.8296 ng/ml
Benzoylecgonine	3.877	88397	4688.81	8.4	166.90	11640	258.2747 ng/ml
Buprenorphine	5.656	75118	1813.22	15.2	36334.43	112326	25.4222 ng/ml
Bupropion	4.773	4698216	1626.97	67.8	73568.68	670589	246.3616 ng/ml
Carisoprodol	5.717	1338520	764374.23	63.5	6071.21	230686	259.8561 ng/ml
Citalopram	5.218	3488776	3688.32	33.3	716.59	586615	256.7773 ng/ml
Clonazepam	5.598	1511456	20235.37	35.0	857.68	89416	243.9317 ng/ml
Clonazepam	5.549	1001176	271378.04	37.3	79318.80	89416	244.7388 ng/ml
Cocaine	4.262	2716053	2385.15	58.8	55054.63	922081	249.6989 ng/ml
Codeine	2.580	291086	176.67	98.3	166.76	65954	230.8846 ng/ml
Cyclobenzaprine	5.622	2398519	106806.05	7.7	871.46	342506	245.6774 ng/ml
Dextromethorphan	5.261	1629823	1416.51	81.7	859.84	266800	255.5788 ng/ml
Dextrophan	4.123	1298375	3043.57	196.7	2784.22	505738	262.2870 ng/ml
Diazepam	5.947	1309974	14271.92	89.1	1129.51	236426	261.0005 ng/ml
Dihydrocodeine	2.552	888683	794.57	70.3	1629.55	244209	233.7019 ng/ml
Diphenhydramine	5.289	8621641	885.21	31.6	468.07	1970109	276.1477 ng/ml
Doxylamine	4.521	10033261	13679.24	96.7	355134.19	1612847	265.1156 ng/ml
EDDP	5.254	3948515	377650.87	40.5	90293.27	832869	243.7617 ng/ml
Etizolam	5.807	944689	2579.58	26.6	139265.17	89416	249.3706 ng/ml
Fentanyl	5.075	312997	1047.64	62.0	2188.86	571880	26.6702 ng/ml
Flualprazolam	5.699	586538	23113.80	110.3	19099.37	214633	262.6966 ng/ml
Fluoxetine	5.714	1941036	78404.24	7.7	5569.36	285325	249.3004 ng/ml
Hydrocodone	3.014	1241447	775.36	39.7	459.99	332442	235.2377 ng/ml
Hydromorphone	1.608	1321048	5799372.67	78.5	1139343.84	162681	249.1003 ng/ml
Ketamine	4.042	3425005	249977.80	33.2	1293.31	627156	254.0081 ng/ml
Lamotrigine	4.278	216520	2345.68	93.4	1518.53	1472246	234.0662 ng/ml
Levetiracetam	2.644	1223951	6244.88	164.1	6463.00	1472246	240.8791 ng/ml

CS TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	676860	13818.55	54.5	3570.92	266604	220.1298 ng/ml
MDA	3.192	3646882	61741.40	24.9	1834.55	391610	243.5700 ng/ml
MDMA	3.292	3204437	161852.70	86.9	4348.24	125421	255.0126 ng/ml
Meprobamate	4.896	902541	42023.45	27.2	326.11	228837	208.5487 ng/ml
Methadone	5.653	5082331	74617.49	58.6	2199.02	775922	257.3910 ng/ml
Methamphetamine	3.220	6175660	96432.56	37.8	47034.98	1094657	244.9693 ng/ml
Metoprolol	4.324	766216	408356.41	98.9	24049.27	1472246	264.6411 ng/ml
Mirtazapine	4.589	6488279	163579.48	53.1	5506.09	747049	250.3300 ng/ml
Mitragynine	5.202	1056656	1279419.20	36.3	3669.40	775922	248.2167 ng/ml
Morphine	1.247	215333	503.10	28.2	1521.01	13667	235.5760 ng/ml
Norbuprenorphine	4.991	12611	7554.04	87.9	11011.04	20506	25.6631 ng/ml
Nordiazepam	5.893	1202474	7400.82	54.1	1038.60	160715	252.3310 ng/ml
Norfentanyl	4.084	857352	73790.18	36.3	17299.25	1290444	23.5152 ng/ml
Norhydrocodone	3.068	174387	127.11	40.6	731.21	49904	276.9241 ng/ml
Noroxycodone	2.912	1028085	1950.29	48.3	1136.71	117679	256.1877 ng/ml
O-desmethyl-tramadol	3.372	8095377	∞	5.8	13443.97	1586798	256.9555 ng/ml
Oxazepam	5.743	1112922	7919.71	71.8	6713.22	266604	251.2468 ng/ml
Oxycodone	2.829	2499727	928.13	30.6	2222.21	412013	253.4326 ng/ml
Oxymorphone	1.405	1194478	∞	45.3	∞	146649	250.7542 ng/ml
Phentermine	3.780	1768346	6551.03	3.9	385.82	994444	229.1346 ng/ml
Promethazine	5.538	6919320	4190.59	28.3	1145.24	1081945	260.3315 ng/ml
Pseudoephedrine	2.583	7996827	3973.82	16.3	4311.45	1472246	256.0964 ng/ml
Quetiapine	5.514	3447551	163119.58	59.7	54362.27	212766	249.8649 ng/ml
Sertraline	5.776	618793	1044.11	91.9	1377.13	99640	255.7522 ng/ml
Temazepam	5.817	2641197	878.87	26.4	6814.52	524339	240.7324 ng/ml
Tramadol	4.244	7732198	2835.05	3.3	337.06	1427845	259.2328 ng/ml
Trazodone	5.033	3139465	94613.14	83.3	1300.01	672567	230.0196 ng/ml
Venlafaxine	5.036	6621941	196696.38	29.5	1872.86	1289416	264.6756 ng/ml
Zolpidem	4.819	6847101	338065.31	27.8	58383.77	1214003	265.3558 ng/ml



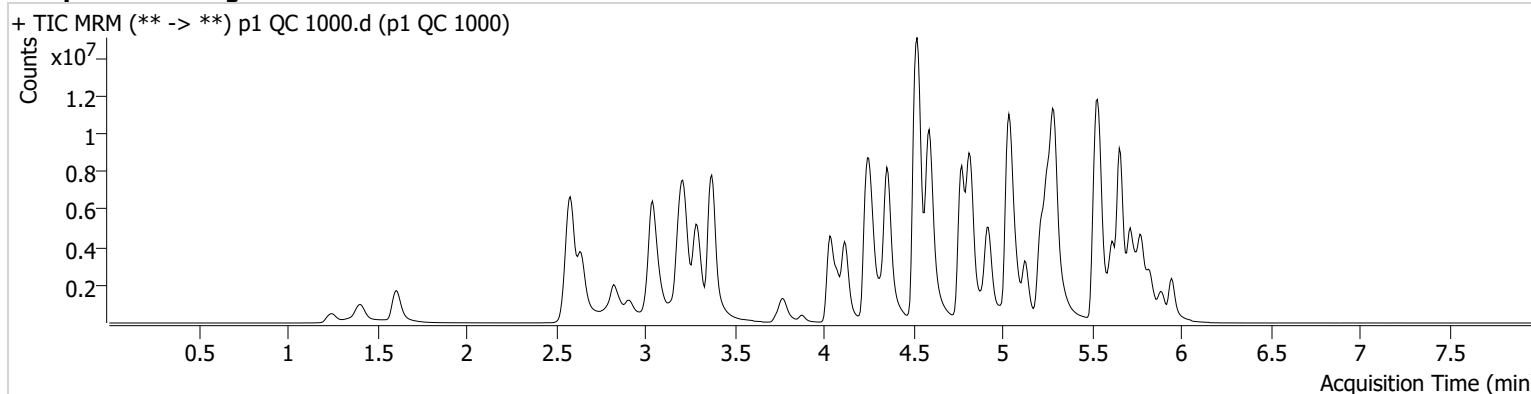


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 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>	P6-E11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 2:54:54 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	264722	242614.01	67.2	19514.78	61251	102.4362 ng/ml
7-aminoclonazepam	4.249	974130	10721.12	71.1	1403.96	77415	480.4203 ng/ml
a-hydroxyalprazolam	5.679	386005	158.14	66.3	589.22	176796	931.2066 ng/ml
alpha-PHP	4.922	3864056	146722.23	271.0	402605.21	519657	1004.9022 ng/ml
alpha-PVP	4.354	15448155	281578.68	50.5	128892.61	519657	1059.8629 ng/ml
Alprazolam	5.769	3578167	337.29	103.6	412.55	120421	953.0947 ng/ml
Amphetamine	3.044	14817764	159116.59	48.1	26335.56	339140	518.7259 ng/ml
Benzoylcegonine	3.877	366082	47102.98	8.2	132.68	12299	1012.8394 ng/ml
Buprenorphine	5.663	141266	124624.79	14.6	31598.09	56025	96.0149 ng/ml
Bupropion	4.773	13663872	890293.40	67.1	1174.33	539692	890.8137 ng/ml
Carisoprodol	5.724	1823595	101658.95	64.0	3651.19	72972	1117.4257 ng/ml
Citalopram	5.218	7907534	652.53	32.6	520.22	310056	1100.5186 ng/ml
Clonazepam	5.598	2198230	55479.45	34.5	2295.07	41498	765.7068 ng/ml
Clonazepam	5.556	1438339	546231.39	38.0	472723.63	41498	759.5537 ng/ml
Cocaine	4.262	6917333	2821.03	57.4	1624.01	570707	1027.7344 ng/ml
Codeine	2.580	603871	5513.70	96.1	9081.67	44353	714.4945 ng/ml
Cyclobenzaprine	5.622	6709251	80969.81	7.3	164951.81	216844	1083.4913 ng/ml
Dextromethorphan	5.261	3347093	239.04	81.3	215.18	136162	1028.7326 ng/ml
Dextrophan	4.116	3717733	23756.30	206.5	168506.02	349924	1085.0432 ng/ml
Diazepam	5.947	3147746	455.52	88.8	27503.93	150604	985.2167 ng/ml
Dihydrocodeine	2.546	2303748	737.51	71.4	324.66	223037	664.8506 ng/ml
Diphenhydramine	5.289	20044433	265.25	33.6	335.07	1140280	1108.1132 ng/ml
Doxylamine	4.521	26540019	337833.80	96.9	113687.47	1368426	826.4943 ng/ml
EDDP	5.254	11409645	122597.34	39.9	4239.11	577189	1015.7049 ng/ml
Etizolam	5.814	2198346	3769.48	27.0	45950.90	41498	1246.4400 ng/ml
Fentanyl	5.075	1208675	67662.27	61.7	3131633.03	442156	132.9992 ng/ml
Flualprazolam	5.699	1036761	24244.38	114.7	191340.55	120421	828.6308 ng/ml
Fluoxetine	5.714	4881875	495084.03	7.5	549149.41	161256	1108.2346 ng/ml
Hydrocodone	3.014	3622154	∞	41.4	546.66	272484	839.7315 ng/ml
Hydromorphone	1.608	3960561	13264472.10	78.5	13535349.0	121686	998.4304 ng/ml
					1		
Ketamine	4.035	10046301	233347.77	32.4	32685.77	509478	918.3275 ng/ml
Lamotrigine	4.278	360457	14938.72	93.1	126218.99	846049	679.3087 ng/ml

CS TS



# AM #28 Multi-Drug Quant. Results

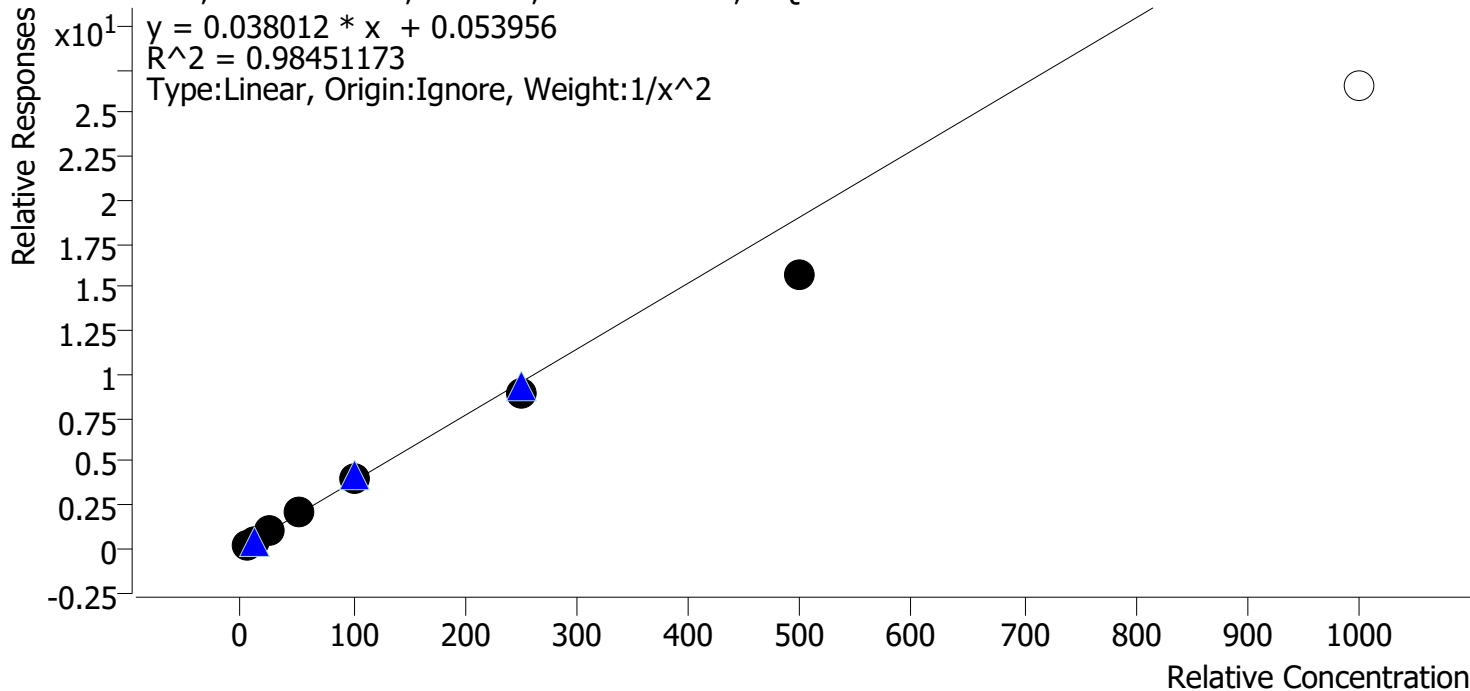
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.644	3205703	70460.47	169.0	16756.16	846049	1097.8370 ng/ml
Lorazepam	5.740	818865	52828.00	52.5	4553.35	69742	1024.1504 ng/ml
MDA	3.185	6389284	5995.66	23.7	20038.57	226124	741.9158 ng/ml
MDMA	3.292	8567299	418129.23	87.0	178461.25	85247	1003.3174 ng/ml
Meprobamate	4.889	1588612	112412.45	27.3	11599.50	158843	530.4390 ng/ml
Methadone	5.653	13995858	128885.10	57.2	422642.90	526753	1043.0764 ng/ml
Methamphetamine	3.213	16612486	101855.18	36.2	377925.29	1057560	683.7920 ng/ml
Metoprolol	4.324	1624752	113441.00	100.3	8774.40	846049	976.6106 ng/ml
Mirtazapine	4.589	18925422	206235.36	53.4	4807.57	519657	1048.6678 ng/ml
Mitragynine	5.202	2907891	109776.23	37.8	246992.35	526753	1005.4865 ng/ml
Morphine	1.247	626370	∞	27.7	598.48	10100	927.0222 ng/ml
Norbuprenorphine	4.991	41442	7552.26	87.6	367.64	17828	97.2977 ng/ml
Nordiazepam	5.893	2200502	139014.25	53.6	2109.01	80097	927.4182 ng/ml
Norfentanyl	4.077	2801833	266441.80	36.2	11177.66	885515	111.2176 ng/ml
Norhydrocodone	3.068	581166	123.86	41.4	161.91	35350	1298.5943 ng/ml
Noroxycodone	2.912	2198651	540.34	47.7	25889.92	60971	1058.0242 ng/ml
O-desmethyl-tramadol	3.374	22357255	216343.85	6.2	24485.84	1141013	986.0177 ng/ml
Oxazepam	5.743	1079118	16335.59	73.7	9885.39	69742	932.6666 ng/ml
Oxycodone	2.823	6338939	∞	30.1	∞	329198	806.8076 ng/ml
Oxymorphone	1.405	3323858	∞	46.6	∞	105287	972.4772 ng/ml
Phentermine	3.774	4274637	253.01	3.9	232.37	877987	629.3888 ng/ml
Promethazine	5.538	19074754	234075.91	31.4	74985.87	770920	1006.0037 ng/ml
Pseudoephedrine	2.583	19802624	216632.53	15.9	74637.03	846049	1102.2609 ng/ml
Quetiapine	5.507	8896774	13418.24	61.5	61316.05	181240	758.5617 ng/ml
Sertraline	5.783	1620962	1047.69	93.2	19376.05	64746	1030.5952 ng/ml
Temazepam	5.824	3628630	28002.81	26.8	508.46	176796	980.8450 ng/ml
Tramadol	4.237	18860961	1093.40	3.4	1999.52	1089510	829.4364 ng/ml
Trazodone	5.026	7294258	727.85	83.6	513367.73	668530	539.3055 ng/ml
Venlafaxine	5.036	18151740	629258.57	29.6	9581.36	855566	1092.5180 ng/ml
Zolpidem	4.820	19219930	386557.42	28.4	2594.38	940136	961.8480 ng/ml



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.1
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	231.3	92.5
p1 Cal 7-500ng	7	✓	500.0	411.1	82.2
p1 Cal 8-1000ng	8	✗	1000.0	696.9	69.7

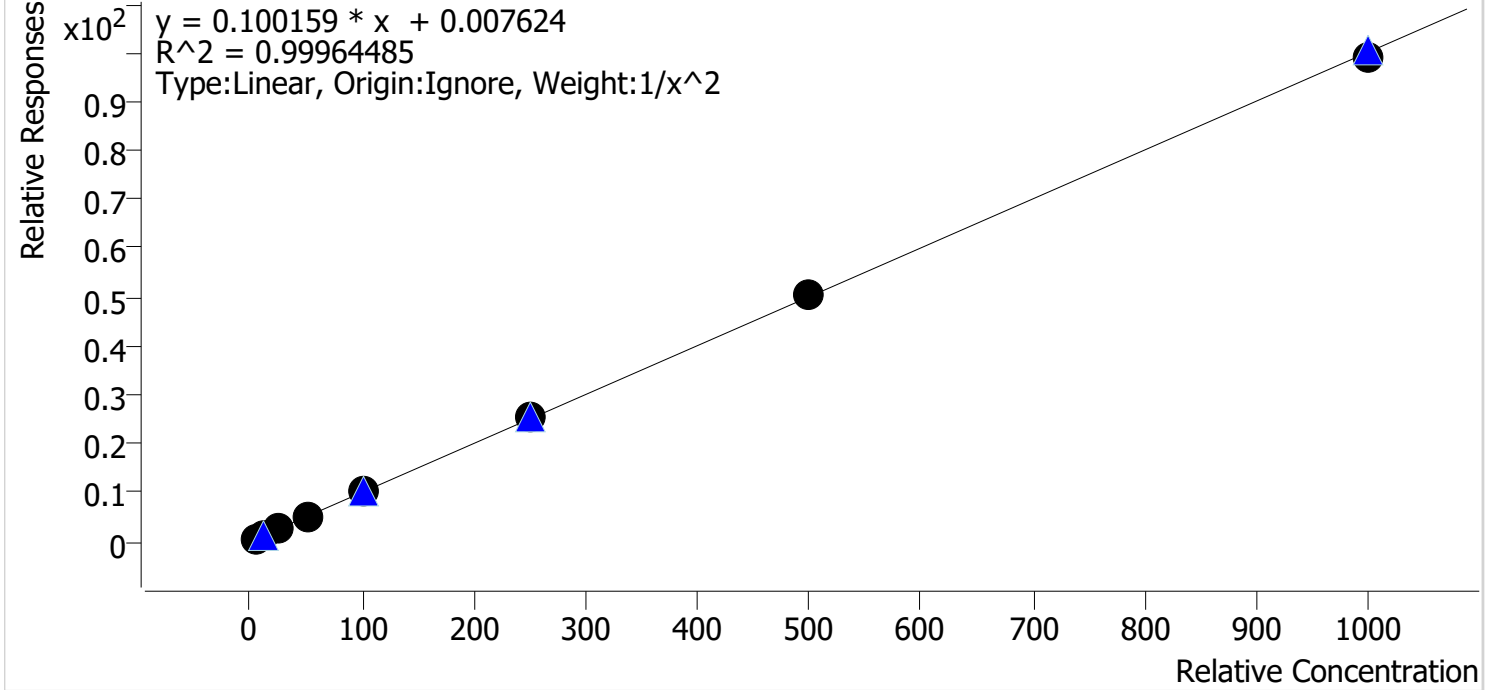
CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6

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



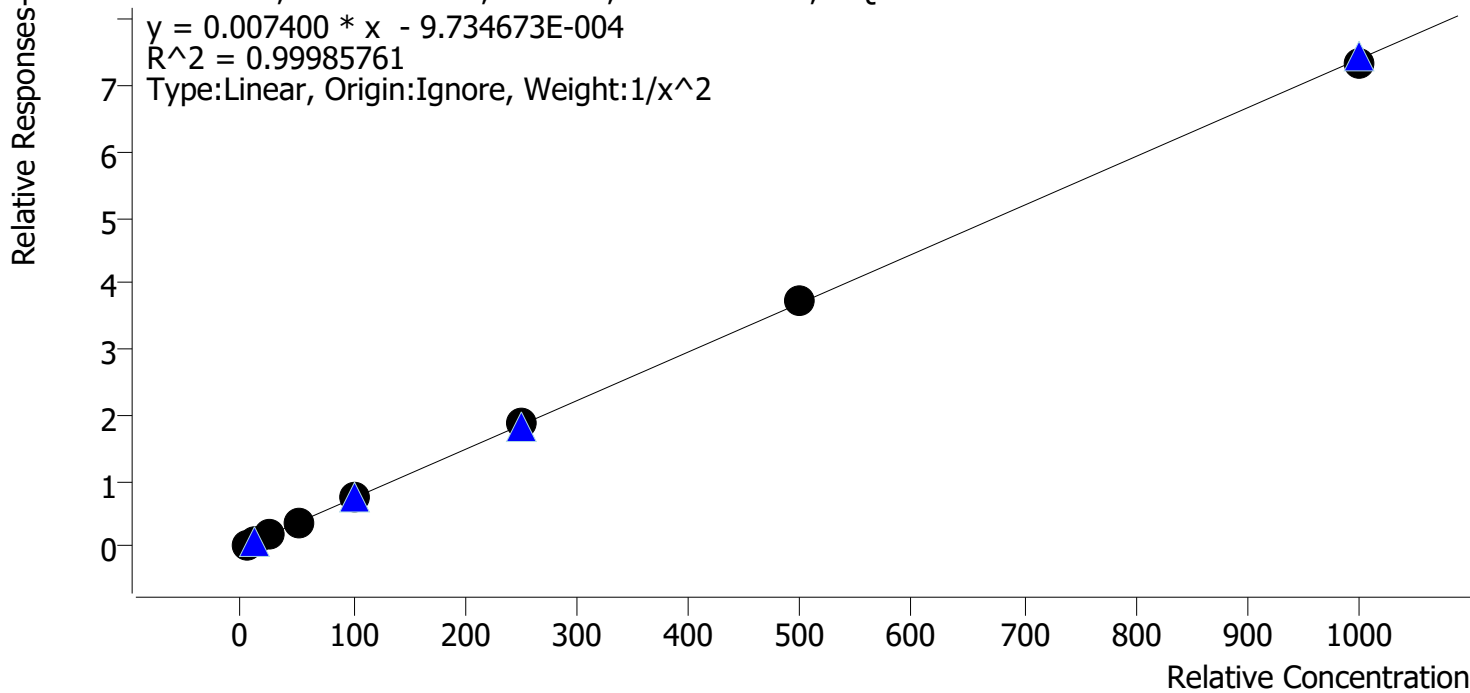
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	989.8	99.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

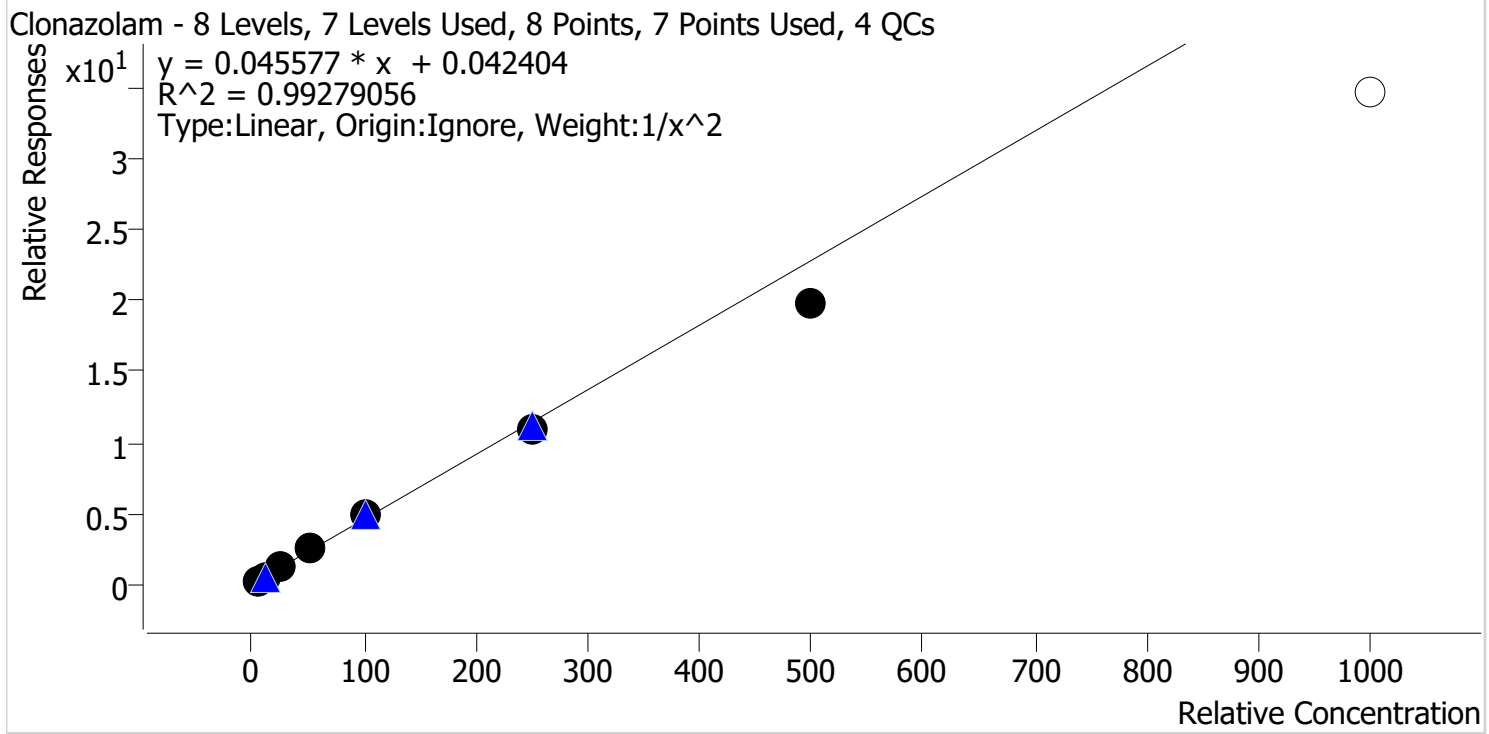


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	505.0	101.0
p1 Cal 8-1000ng	8	✓	1000.0	988.3	98.8



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazolam **Internal Standard** Clonazepam-D4



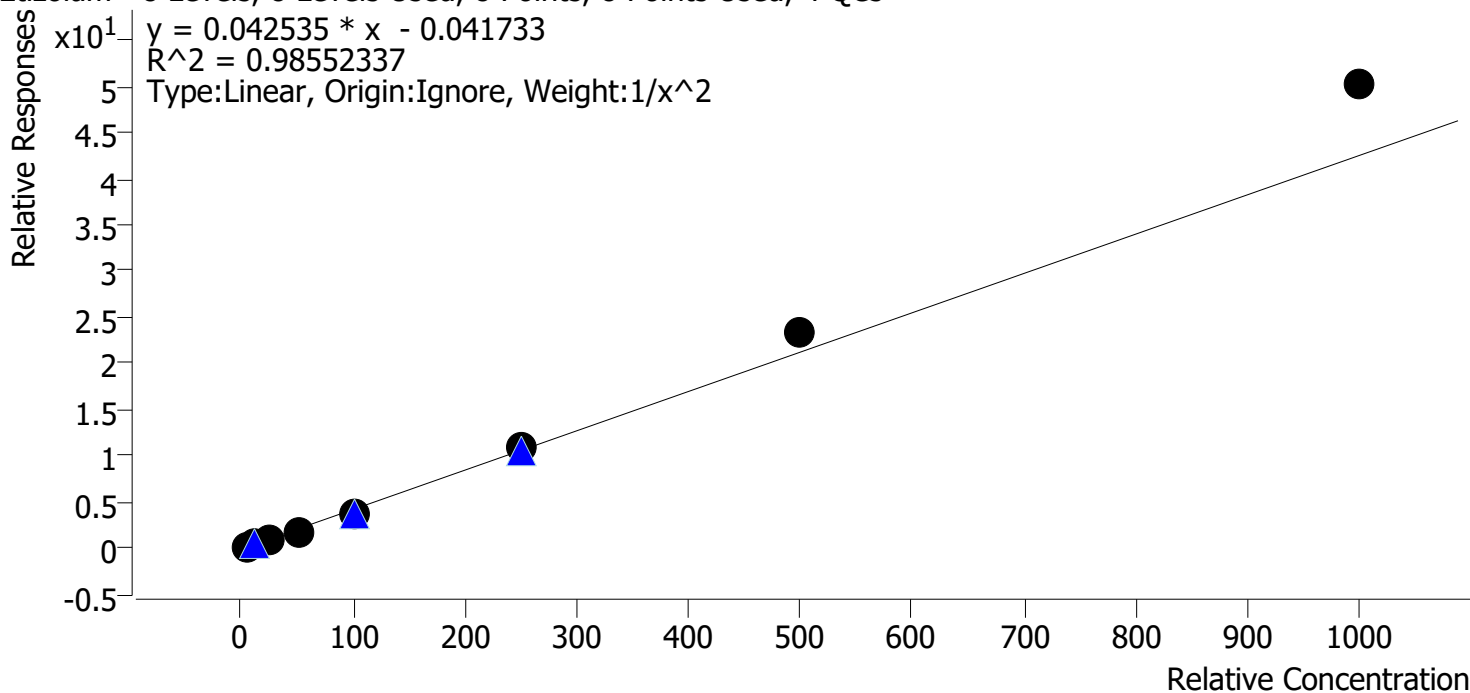
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	239.5	95.8
p1 Cal 7-500ng	7	✓	500.0	435.4	87.1
p1 Cal 8-1000ng	8	✗	1000.0	757.9	75.8



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Etizolam **Internal Standard** Clonazepam-D4

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

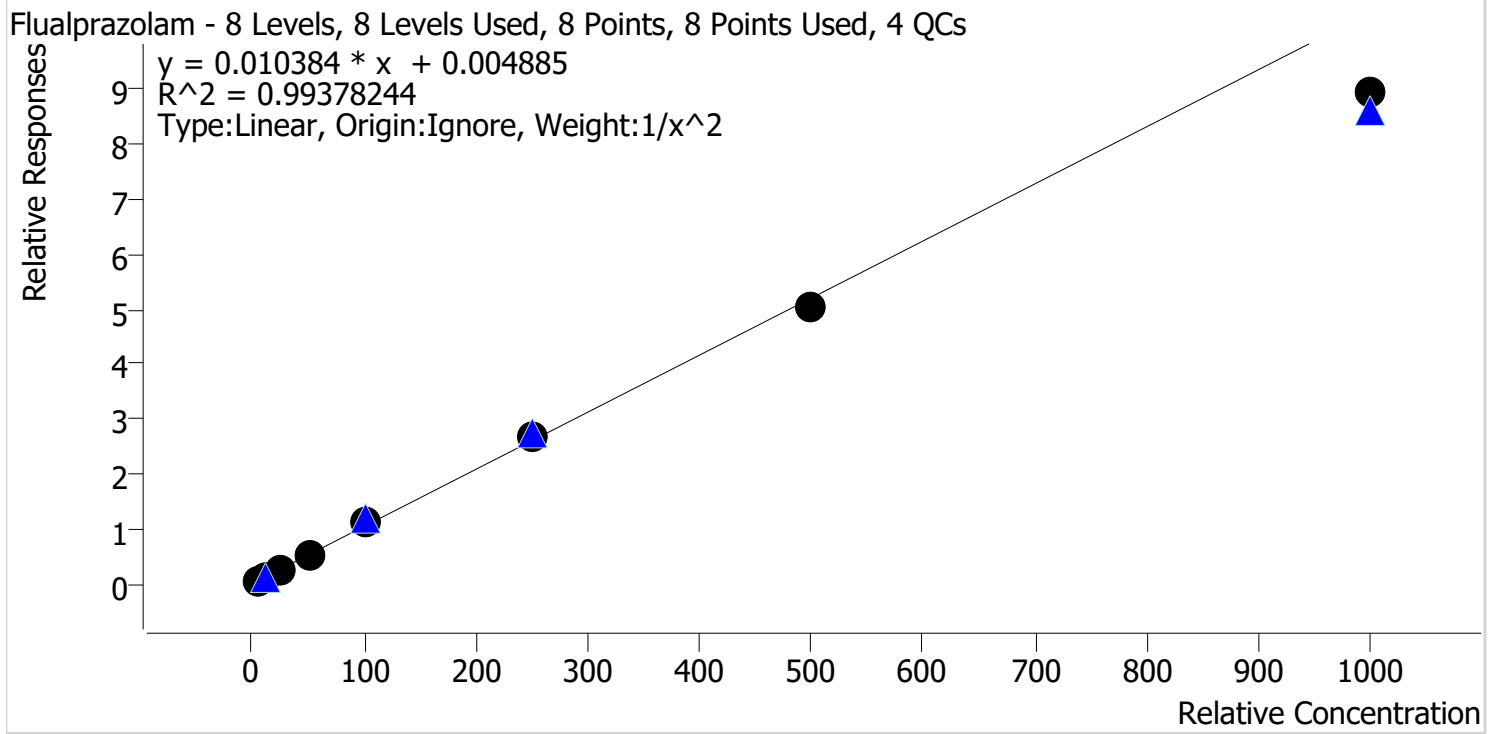


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	22.3	89.4
p1 Cal 4-50ng	4	✓	50.0	44.0	88.0
p1 Cal 5-100ng	5	✓	100.0	90.9	90.9
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	547.9	109.6
p1 Cal 8-1000ng	8	✓	1000.0	1177.4	117.7



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	482.2	96.4
p1 Cal 8-1000ng	8	✓	1000.0	859.9	86.0

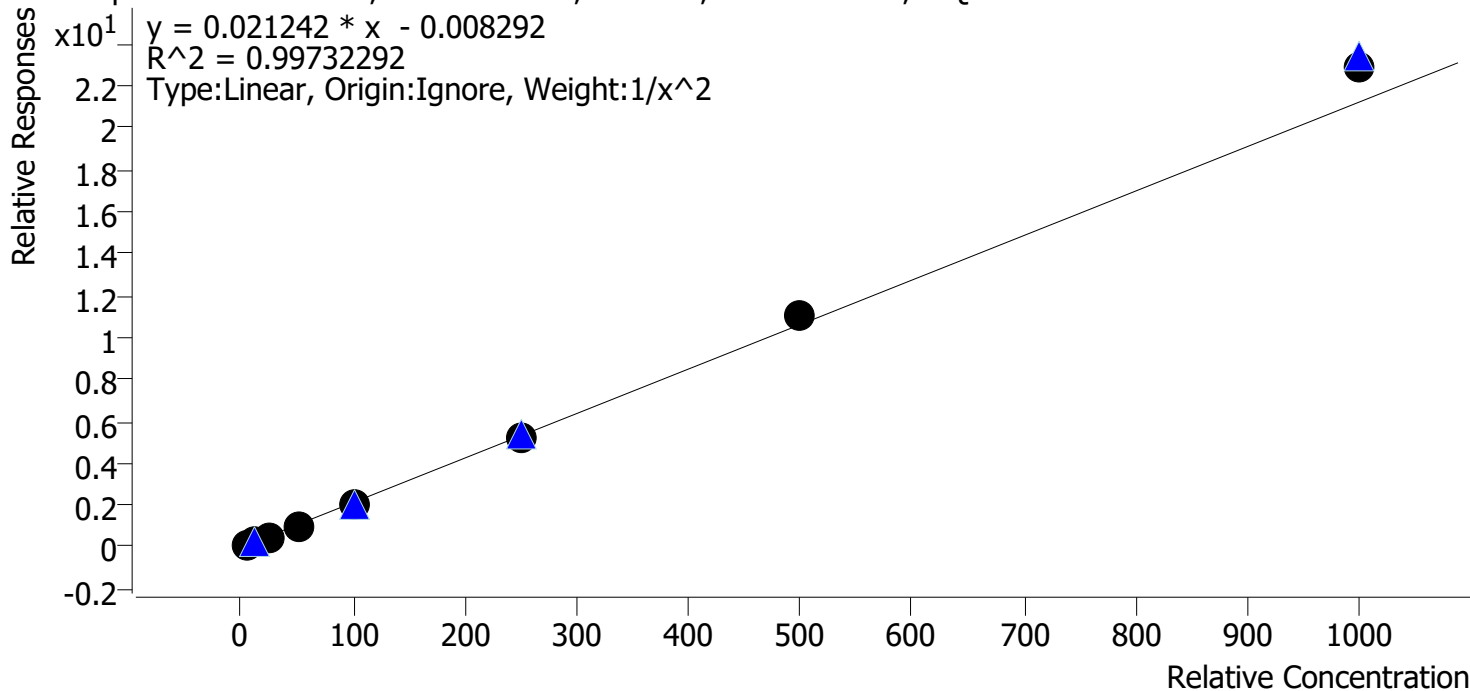




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



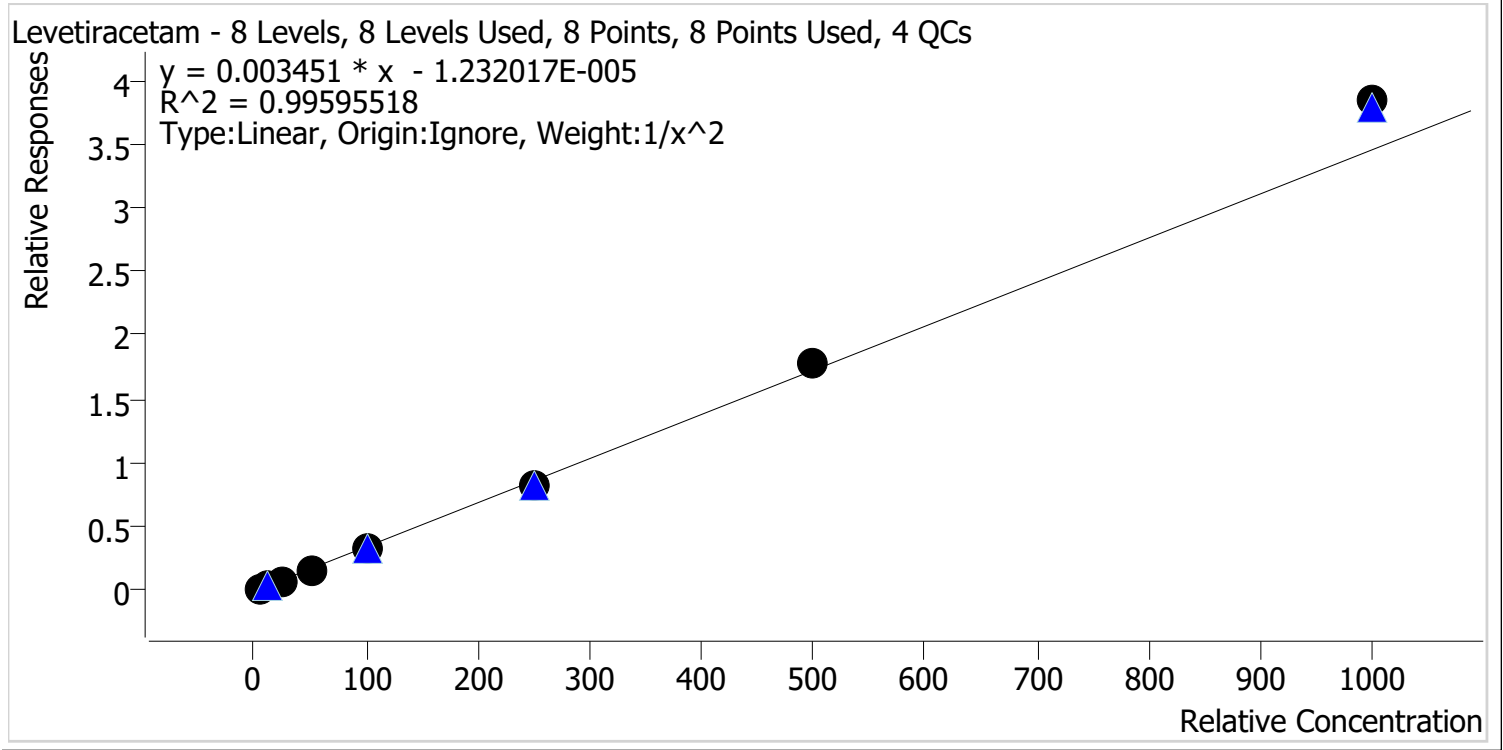
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	521.7	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1079.3	107.9

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Levetiracetam **Internal Standard** Pseudoephedrine-D3



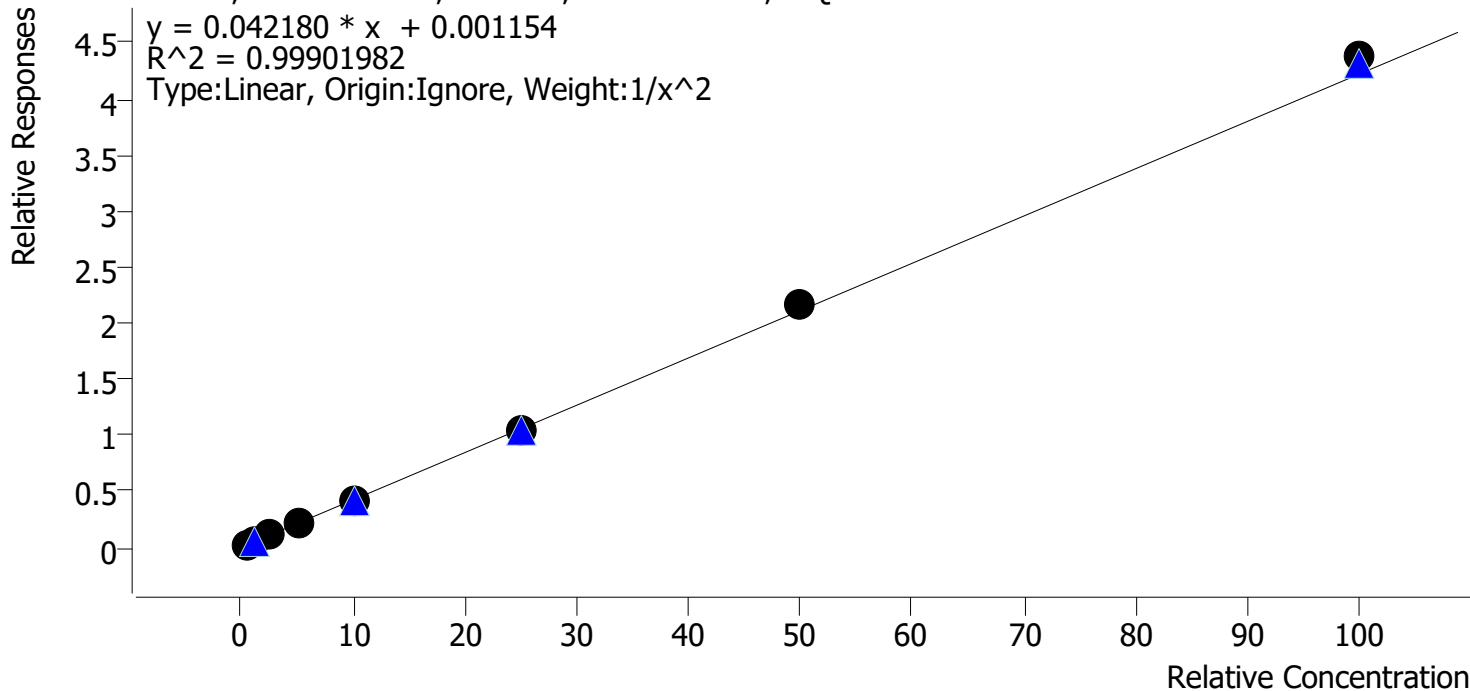
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	93.5	93.5
p1 Cal 6-250ng	6	✓	250.0	241.9	96.7
p1 Cal 7-500ng	7	✓	500.0	515.2	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1111.5	111.2



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 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, 4 QCs



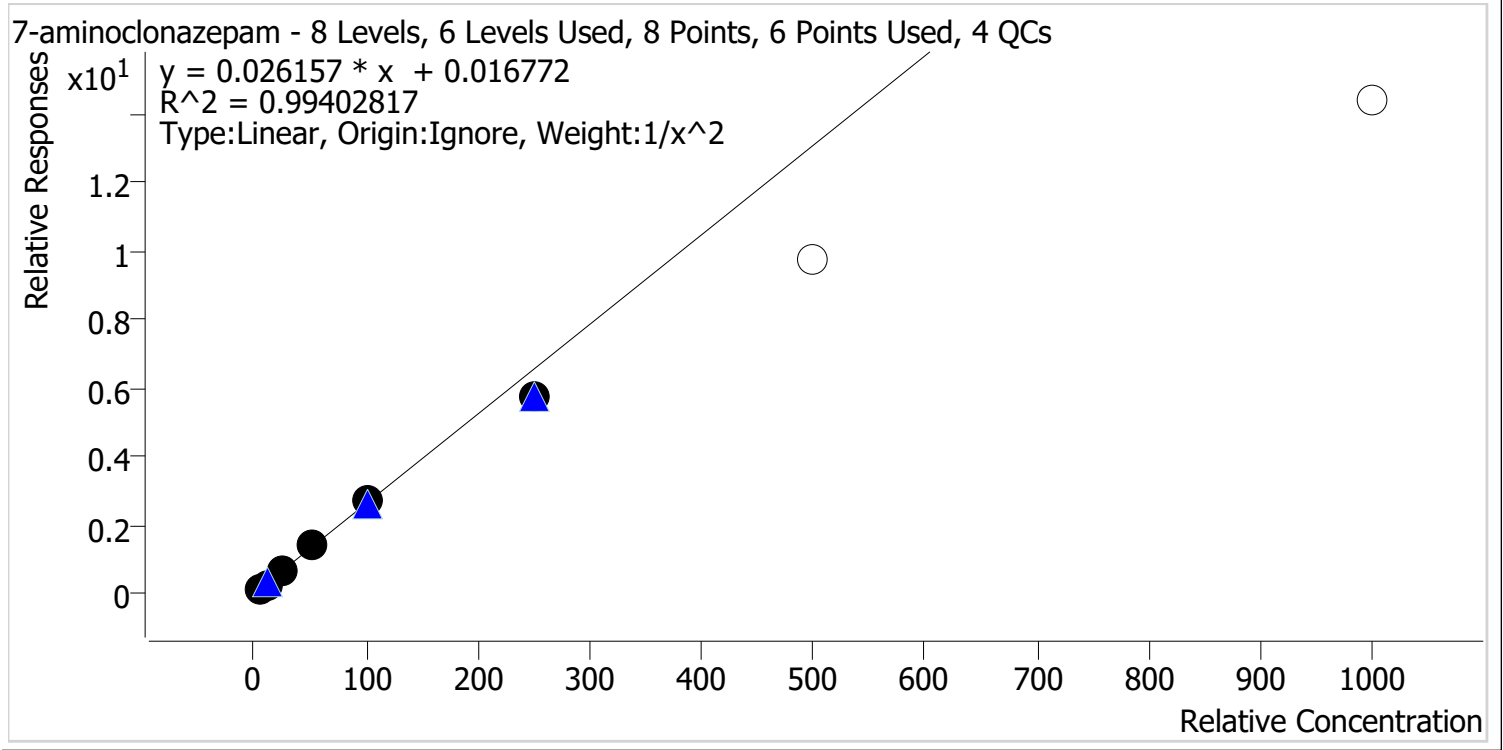
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.7
p1 Cal 2-10ng	2	✓	1.0	1.0	98.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	4.9	98.3
p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
p1 Cal 6-250ng	6	✓	25.0	24.8	99.2
p1 Cal 7-500ng	7	✓	50.0	51.7	103.4
p1 Cal 8-1000ng	8	✓	100.0	103.7	103.7

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



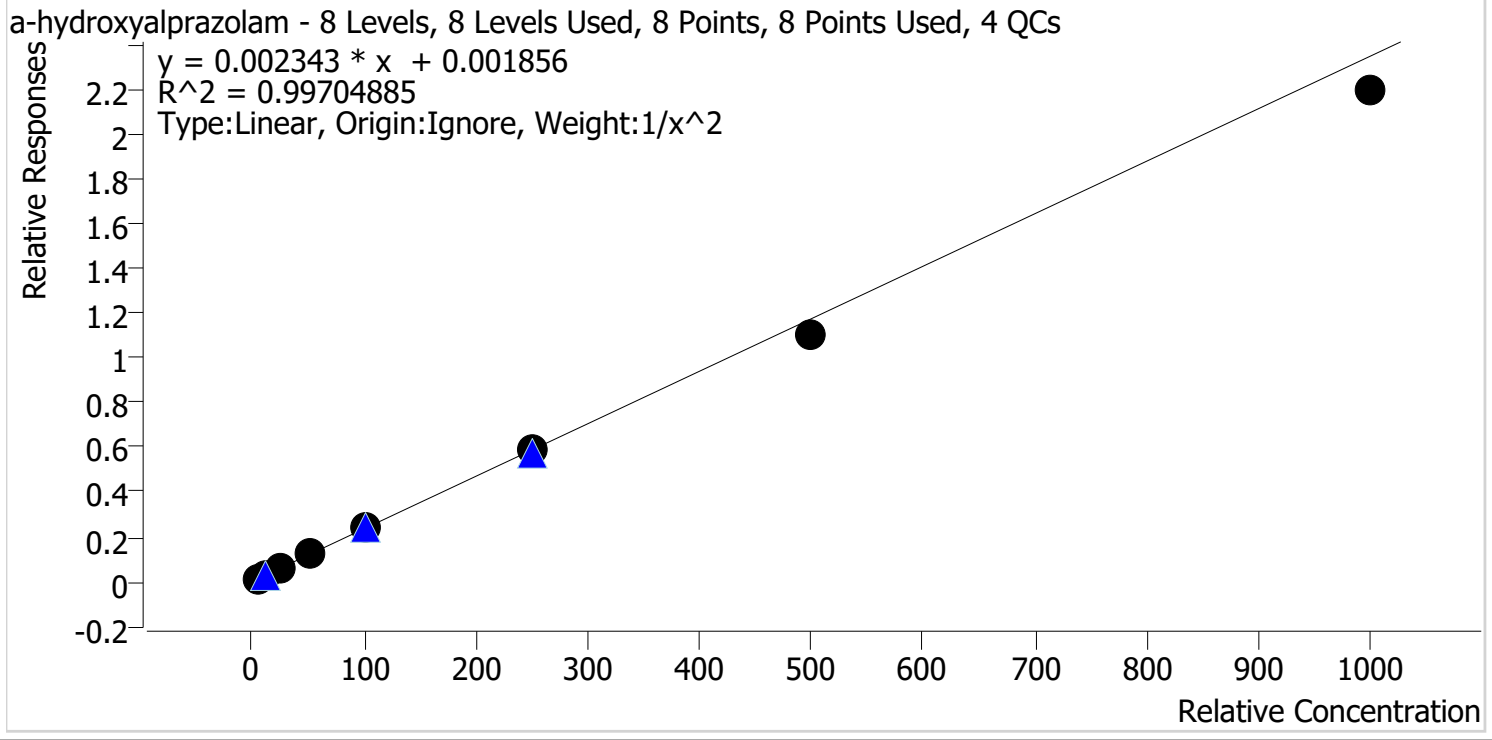
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	221.3	88.5
p1 Cal 7-500ng	7	x	500.0	373.9	74.8
p1 Cal 8-1000ng	8	x	1000.0	549.9	55.0

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** Temazepam-D5



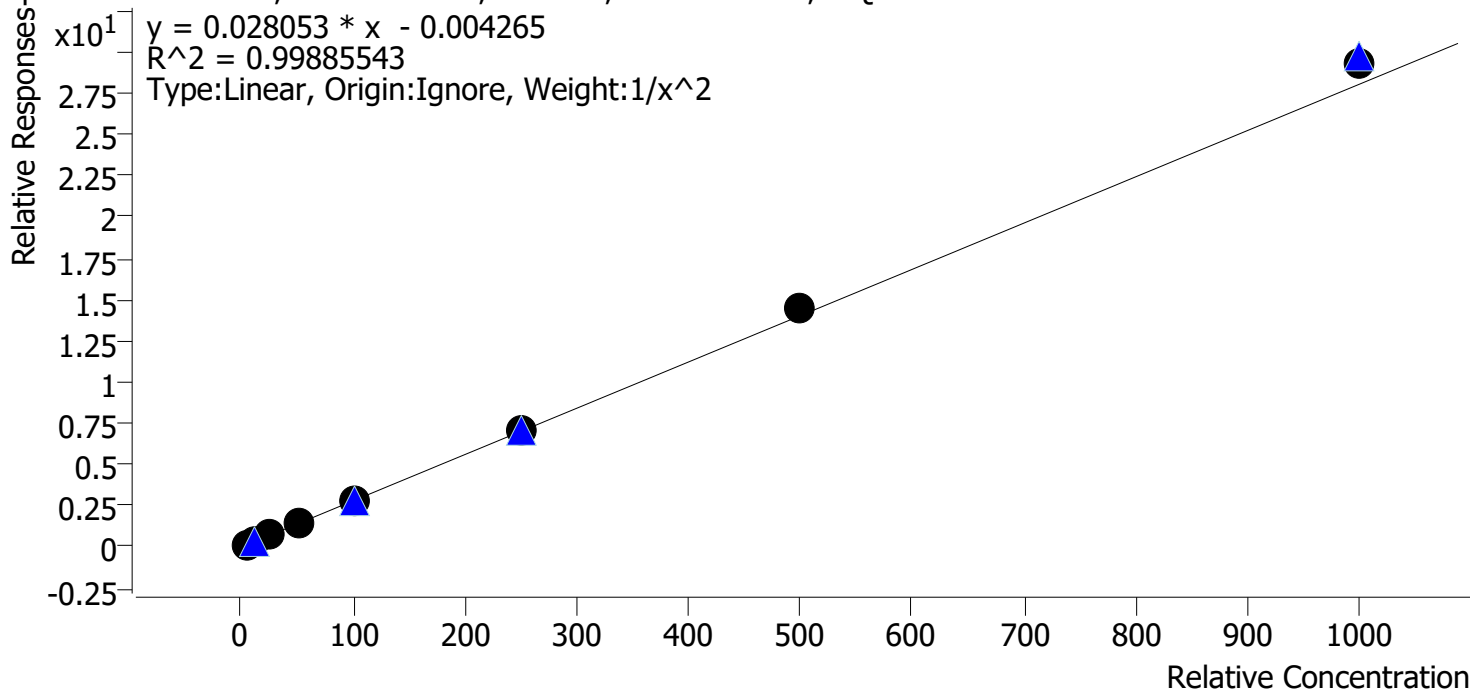
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	472.0	94.4
p1 Cal 8-1000ng	8	✓	1000.0	934.5	93.5



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



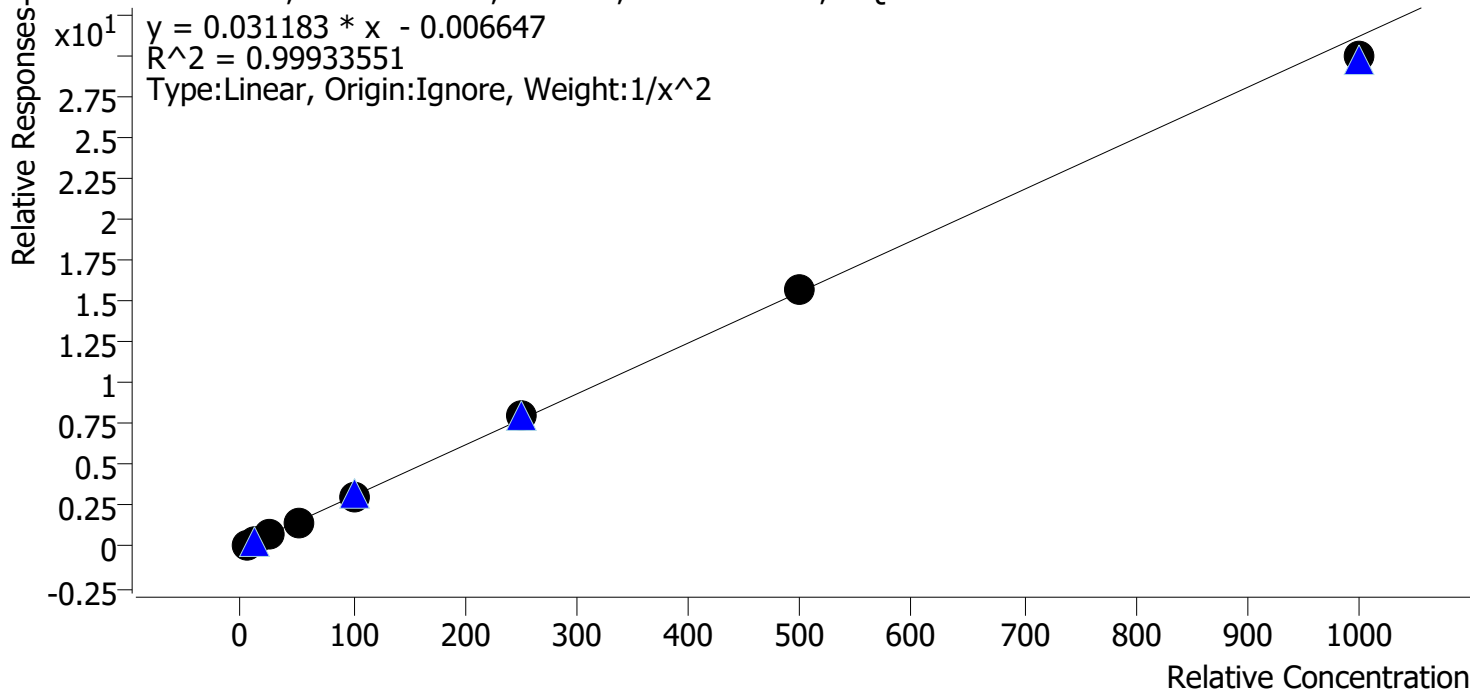
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	514.0	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1041.3	104.1



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5

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

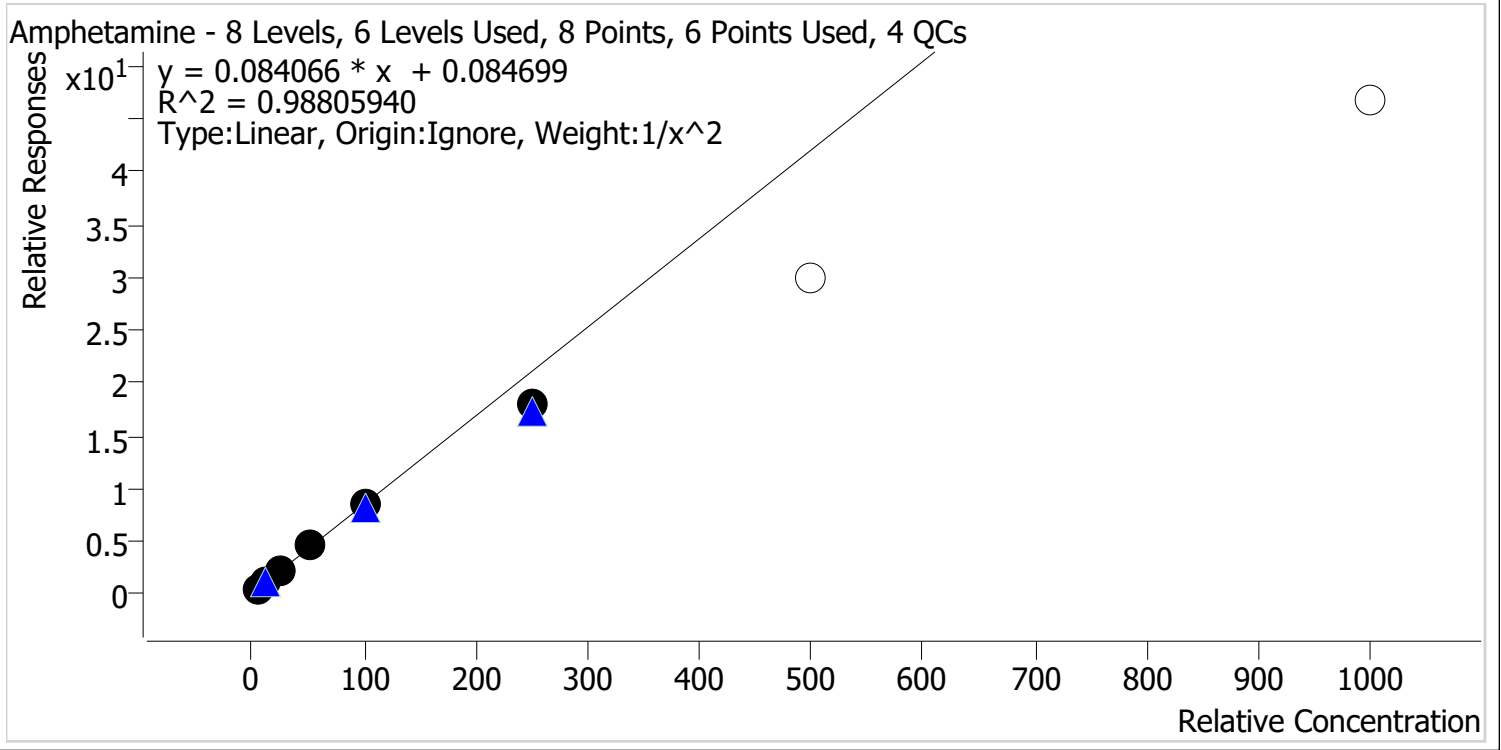


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.5	98.9
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	259.5	103.8
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	960.2	96.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 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	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	211.6	84.7
p1 Cal 7-500ng	7	✗	500.0	357.3	71.5
p1 Cal 8-1000ng	8	✗	1000.0	555.6	55.6

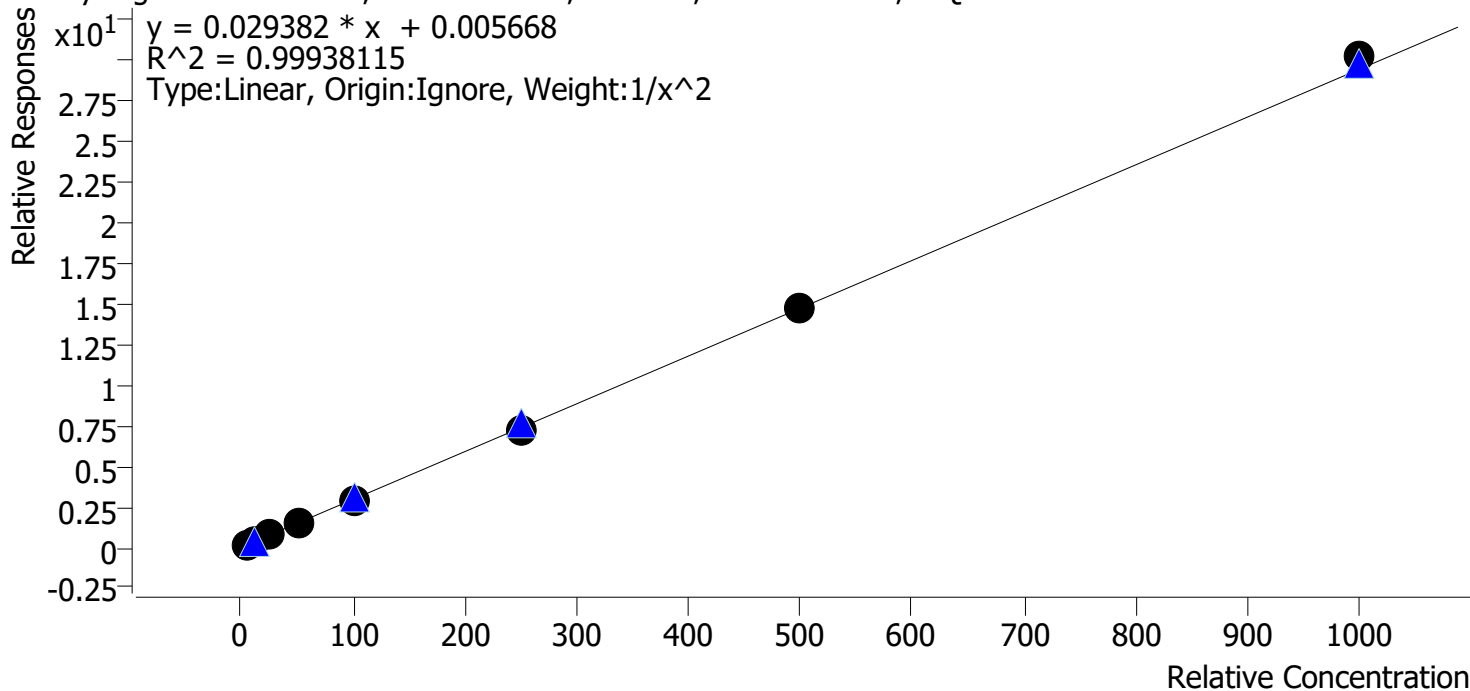




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1026.7	102.7

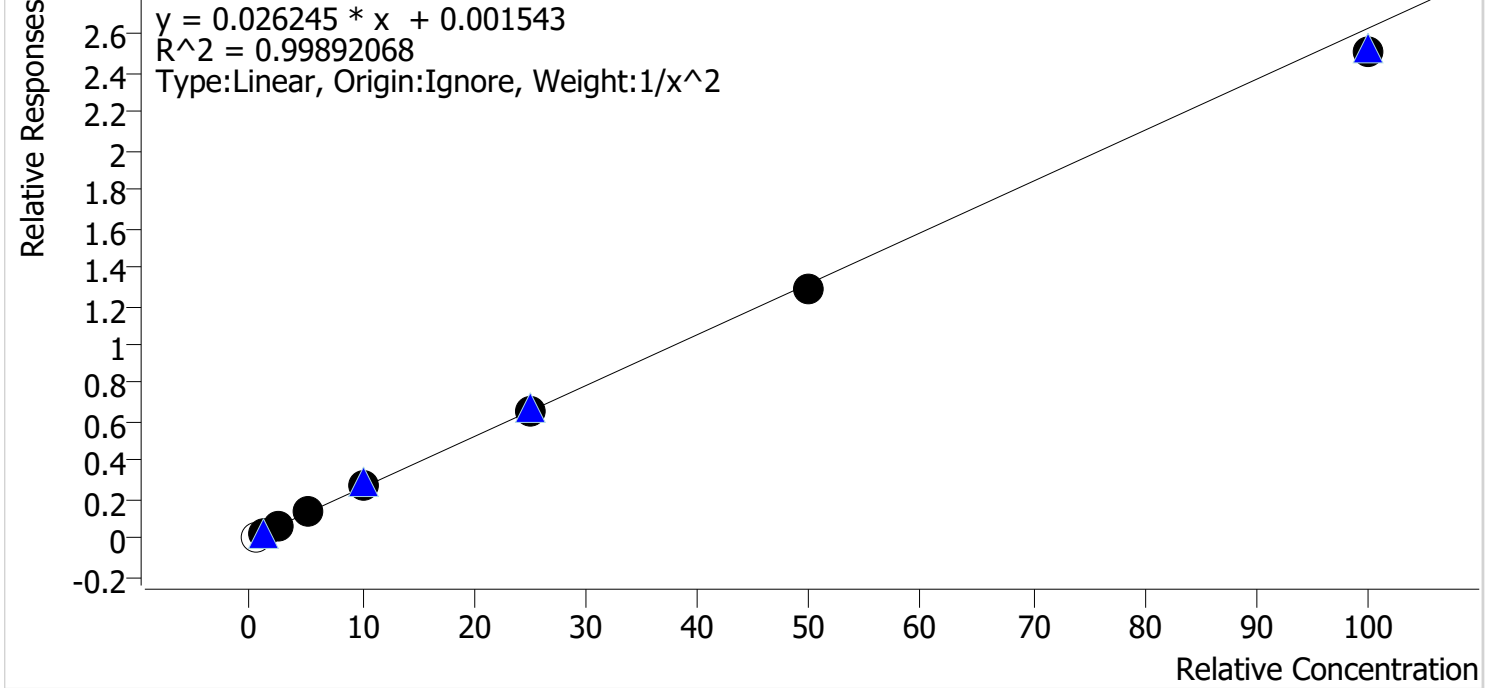
CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

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

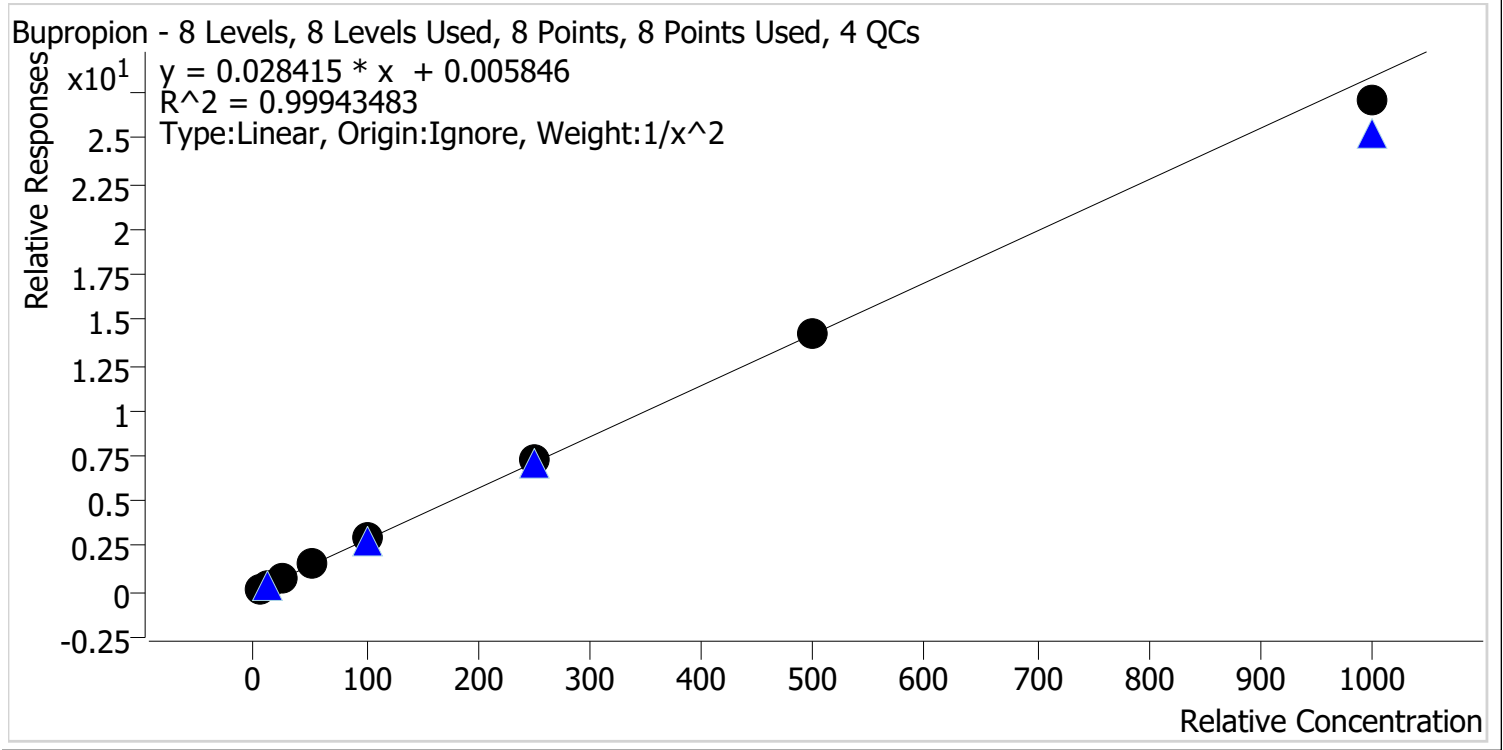


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	81.9
p1 Cal 2-10ng	2	✓	1.0	1.0	98.9
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.0
p1 Cal 4-50ng	4	✓	5.0	5.1	102.0
p1 Cal 5-100ng	5	✓	10.0	10.4	104.0
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	48.8	97.6
p1 Cal 8-1000ng	8	✓	100.0	95.7	95.7



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9



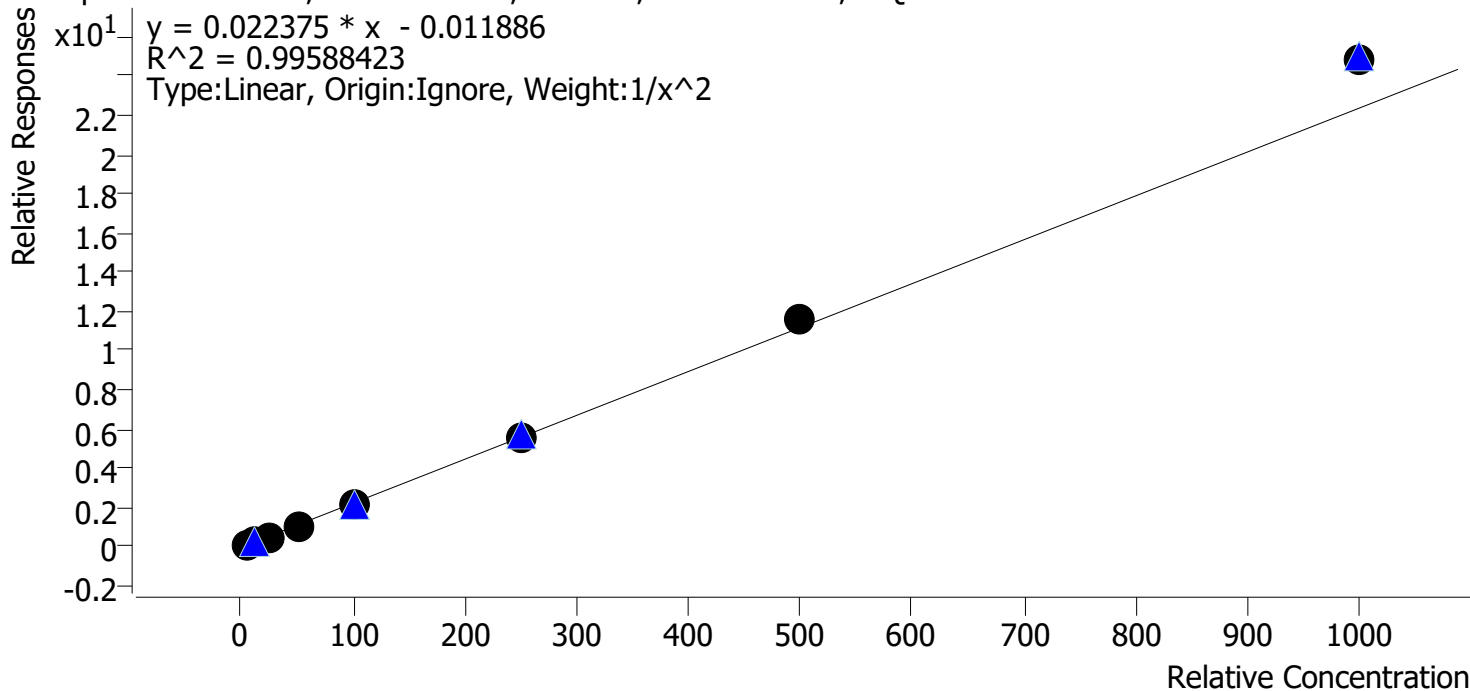
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	953.9	95.4



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7

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



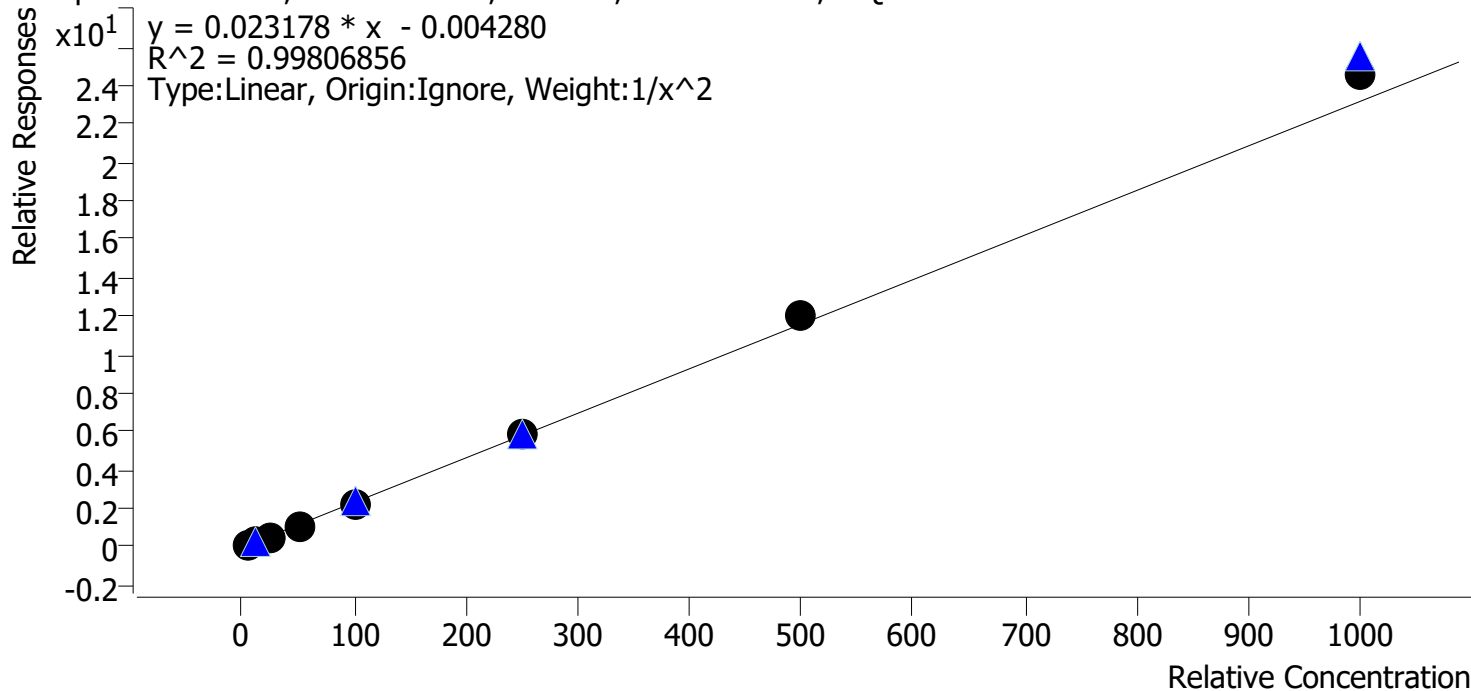
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1110.1	111.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6

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

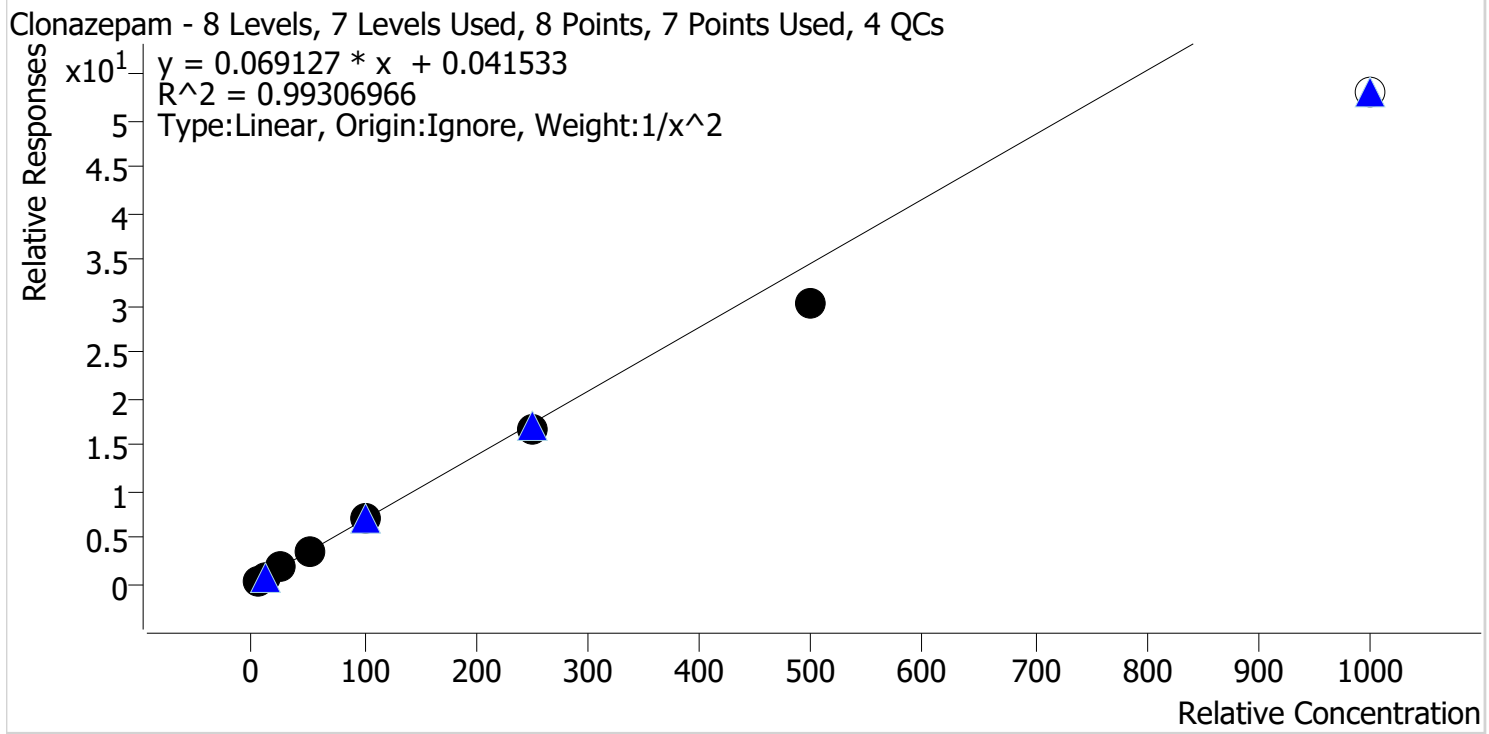


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	518.4	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1064.0	106.4



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4



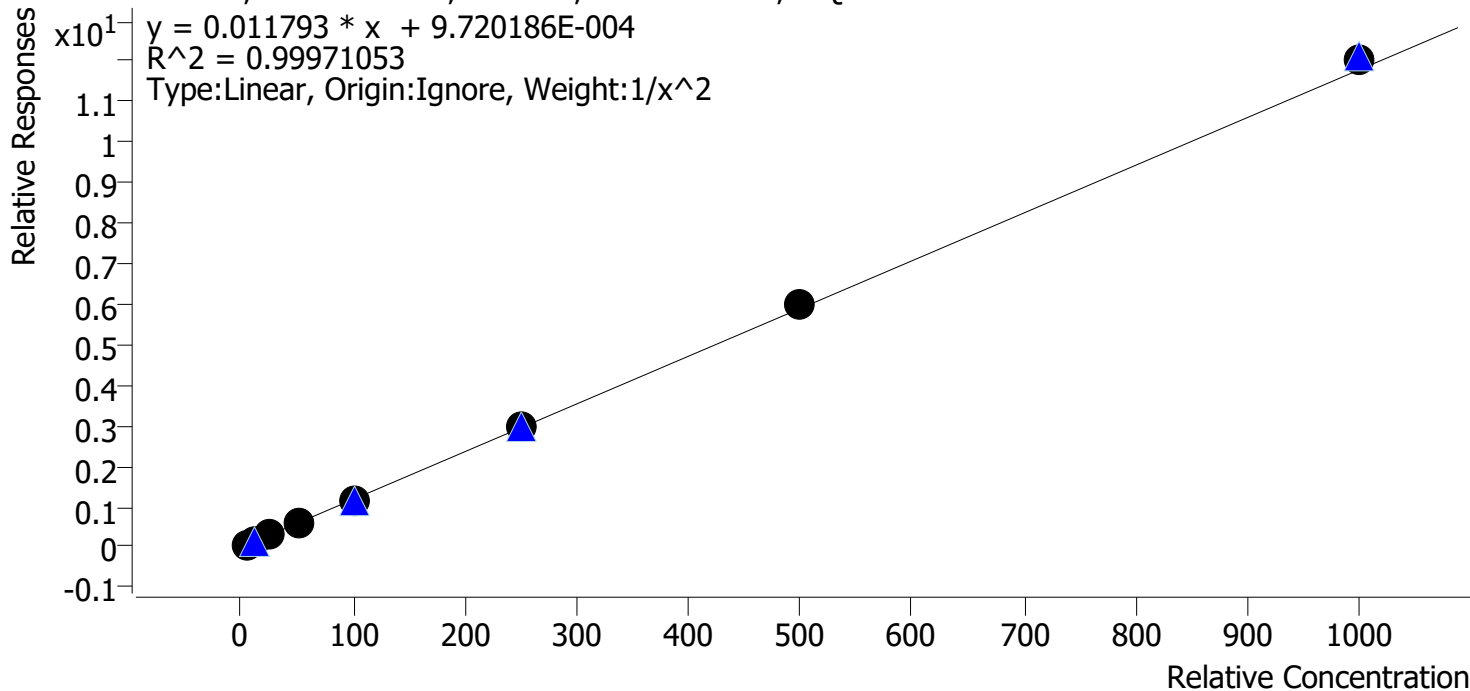
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	435.0	87.0
p1 Cal 8-1000ng	8	✗	1000.0	764.5	76.4



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1021.3	102.1

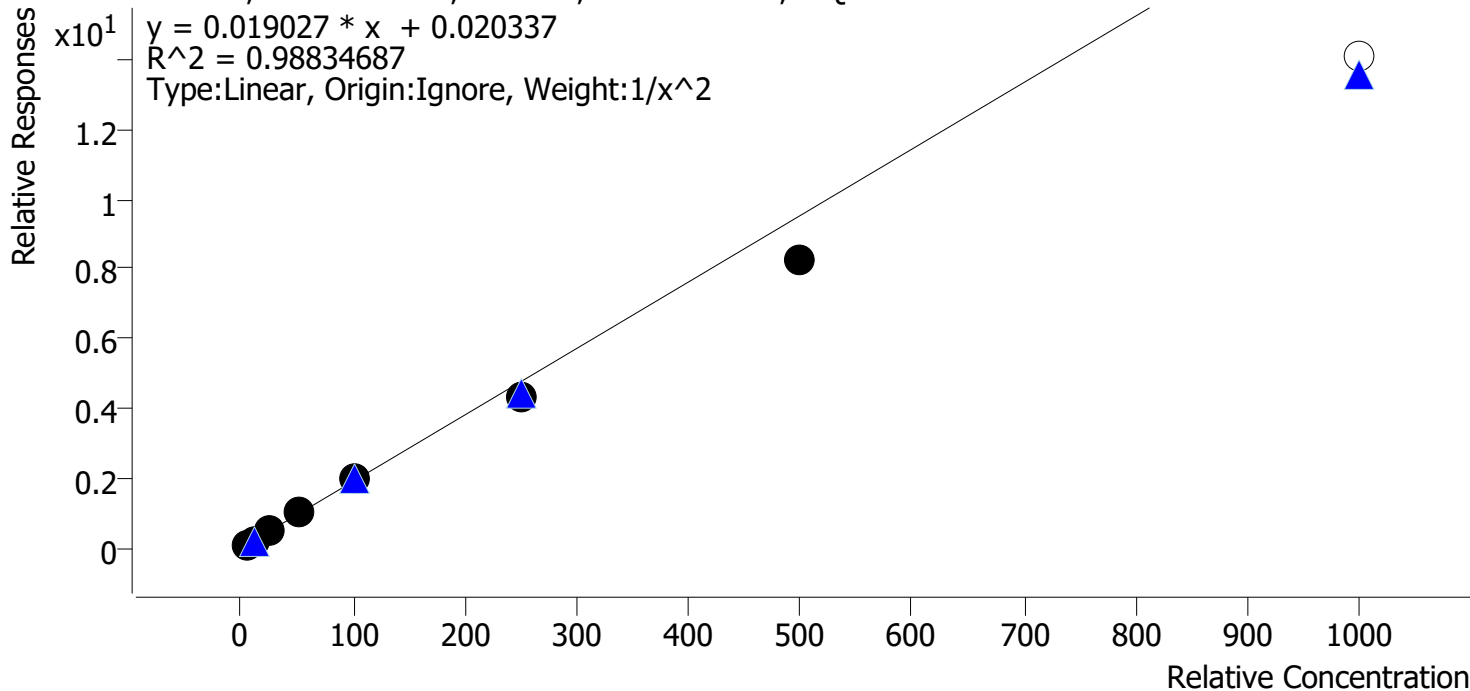
CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.6
p1 Cal 4-50ng	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	229.0	91.6
p1 Cal 7-500ng	7	✓	500.0	433.6	86.7
p1 Cal 8-1000ng	8	✗	1000.0	739.0	73.9

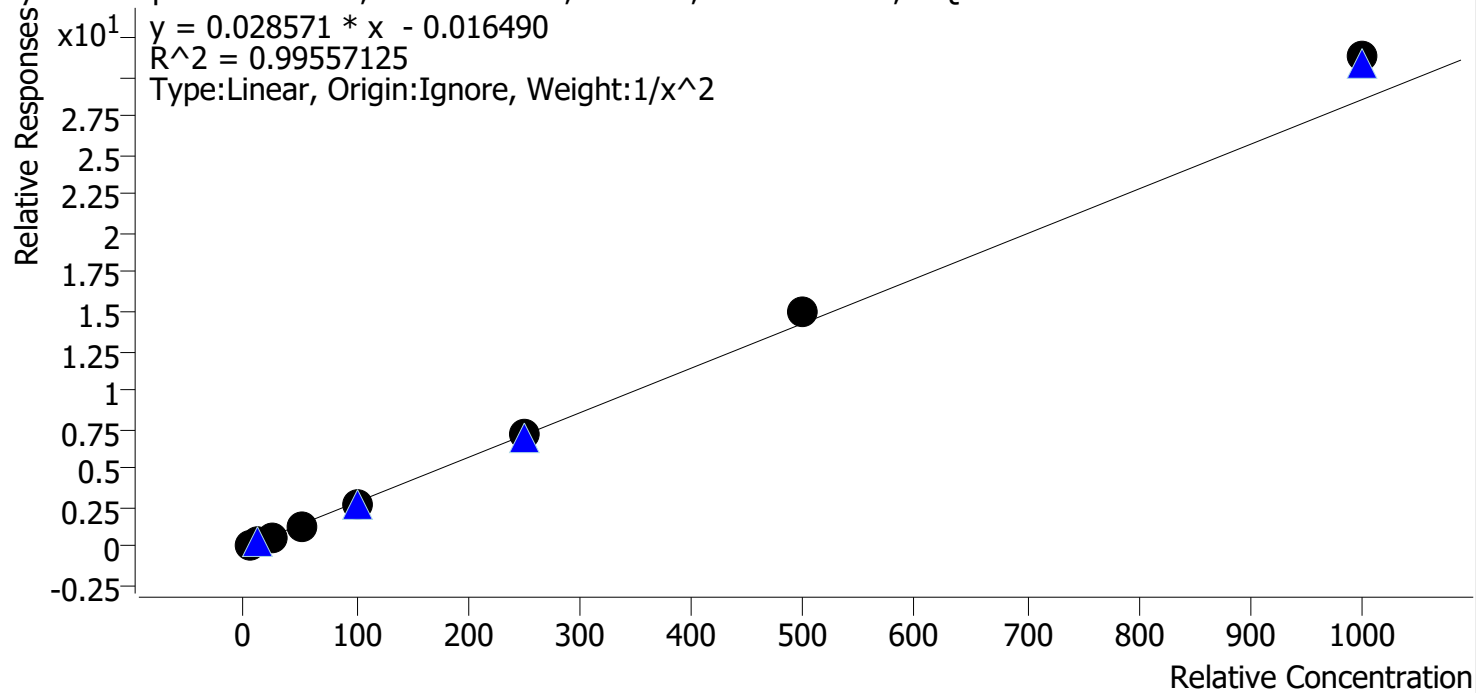




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



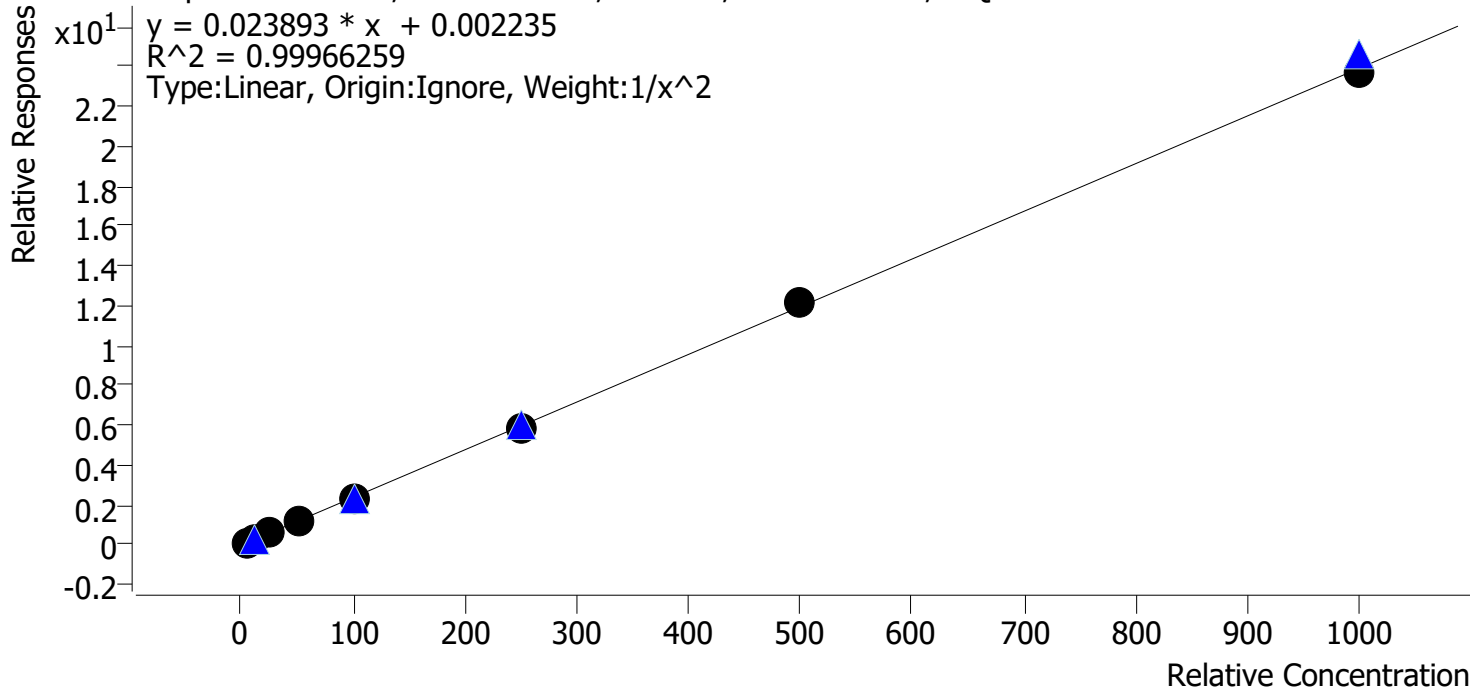
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	523.5	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1096.0	109.6



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

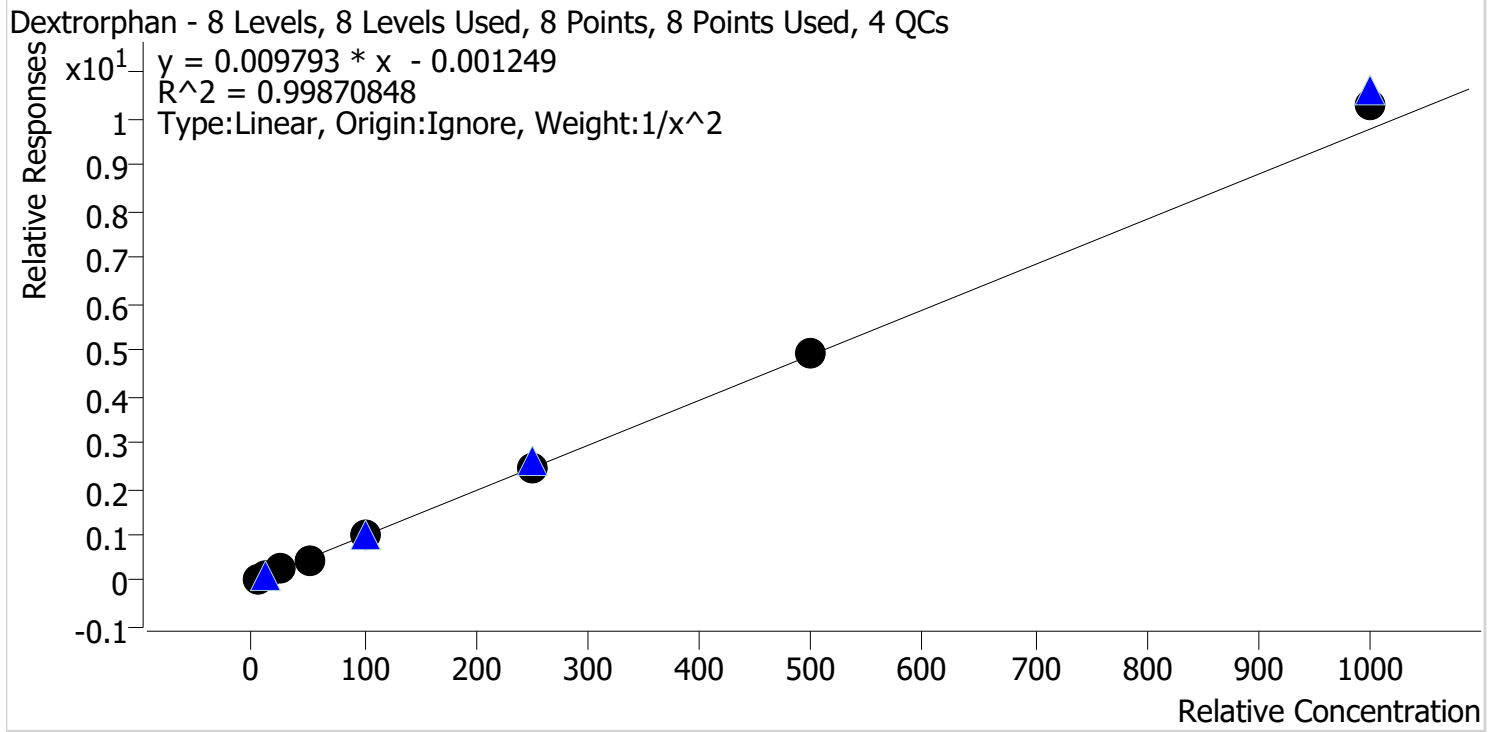


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	993.1	99.3



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextrophan Internal Standard Dextrophan-D3

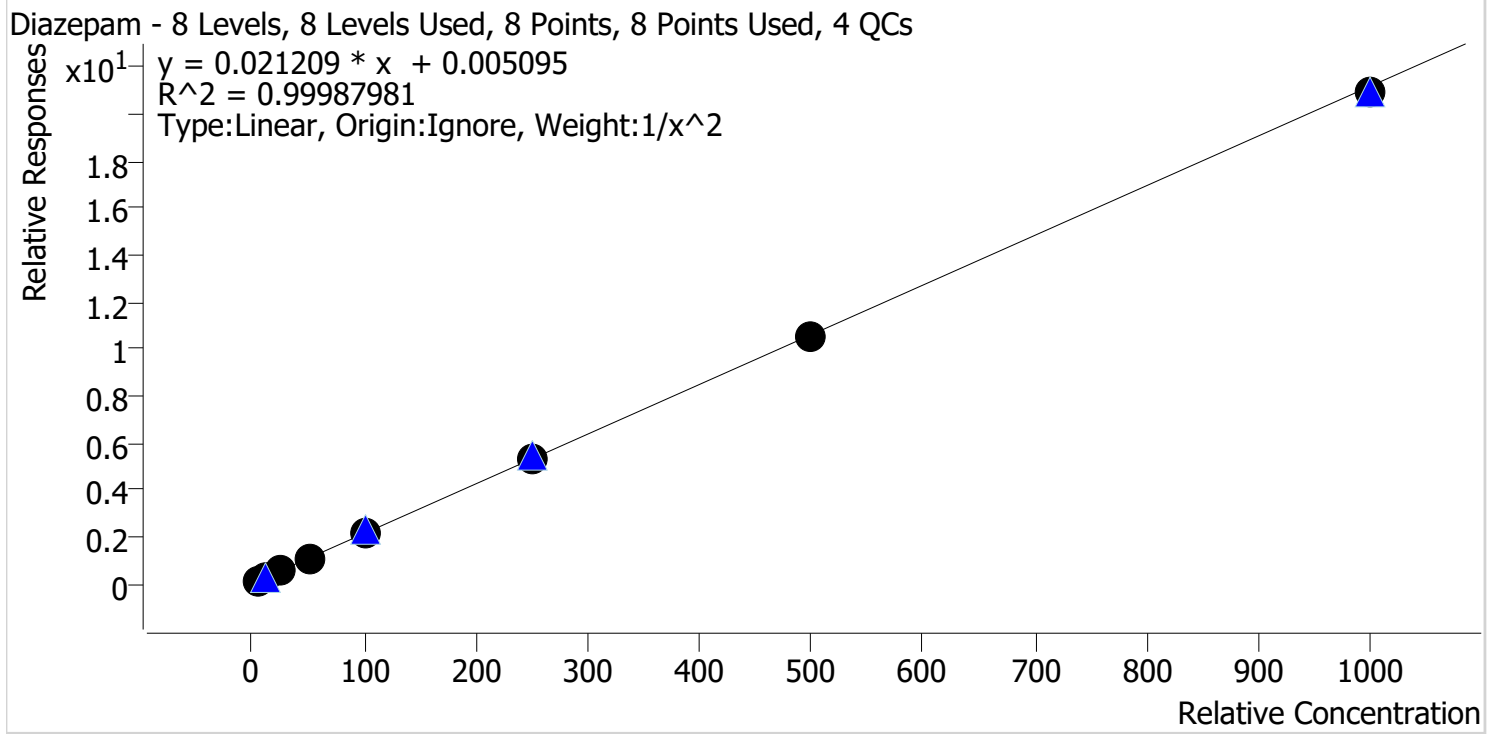


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1052.9	105.3



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 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	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	496.0	99.2
p1 Cal 8-1000ng	8	✓	1000.0	987.3	98.7

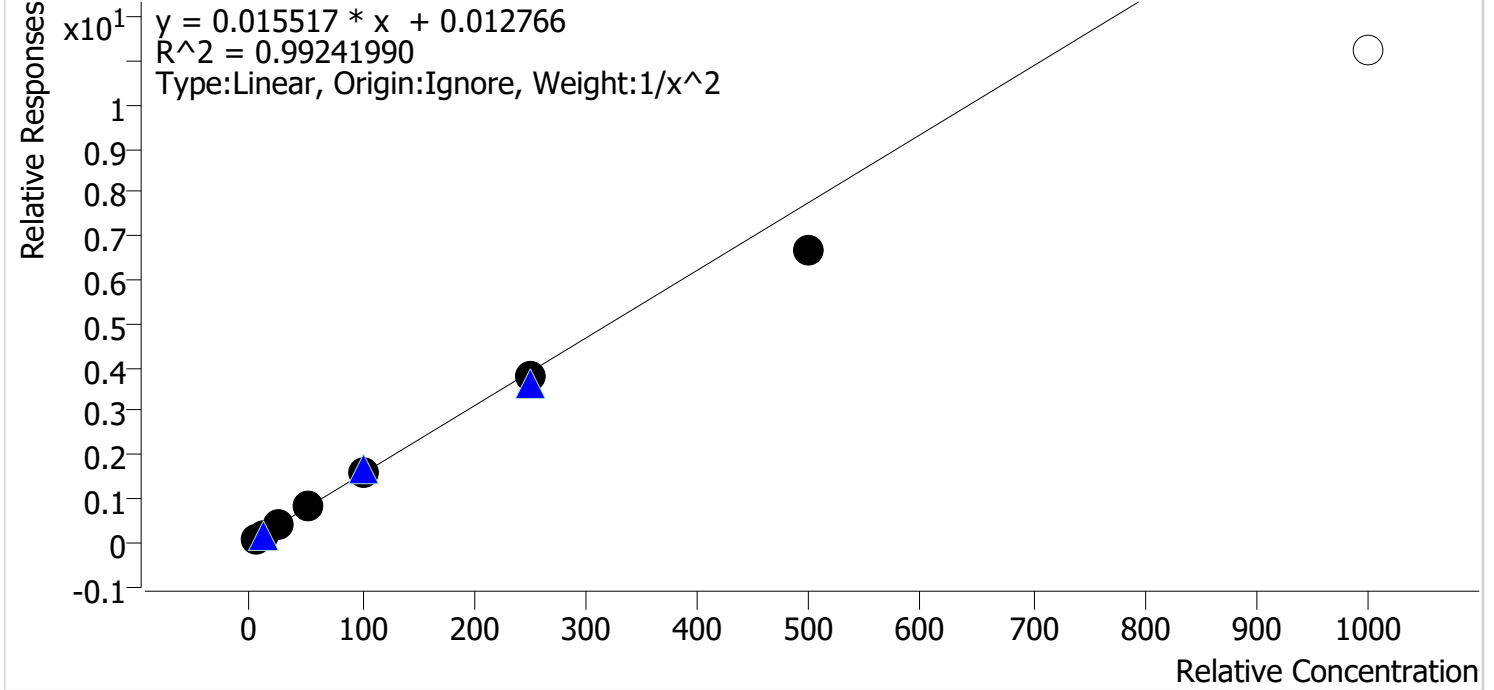
CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



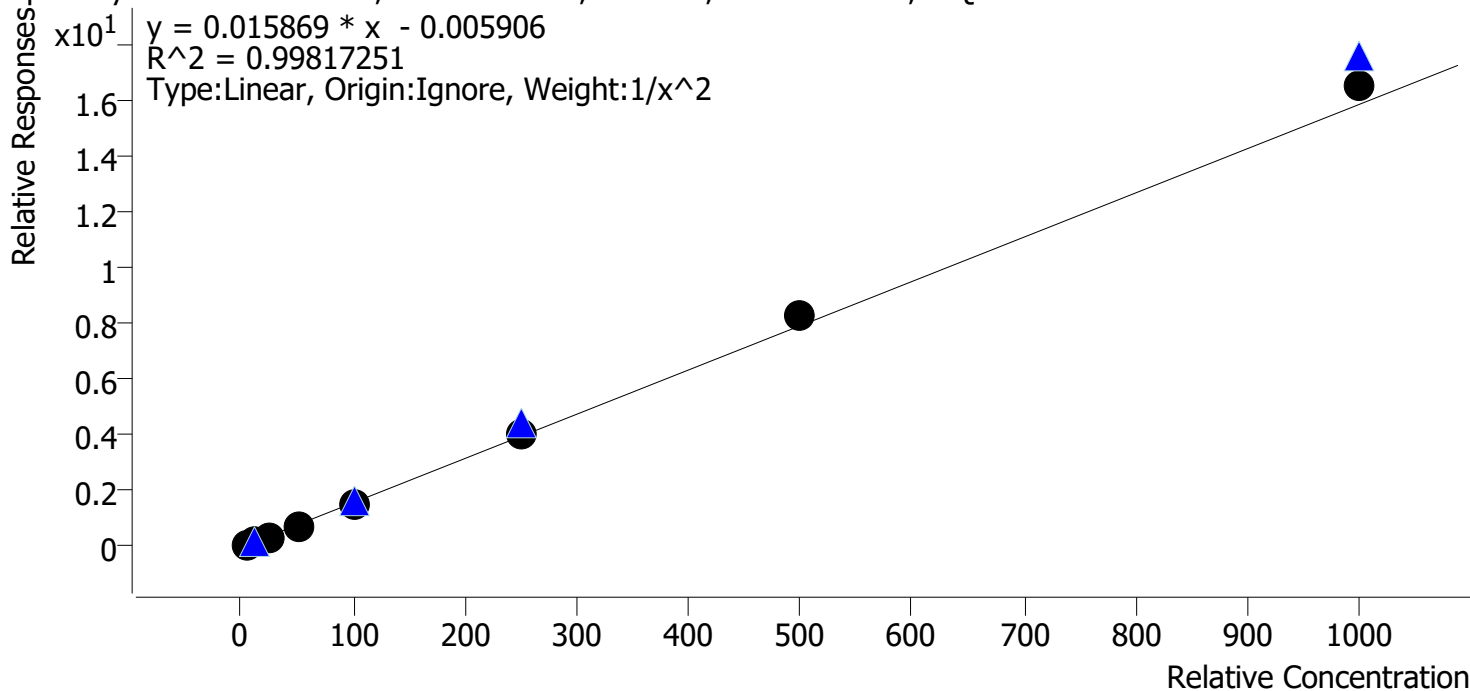
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	430.9	86.2
p1 Cal 8-1000ng	8	✗	1000.0	723.0	72.3



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



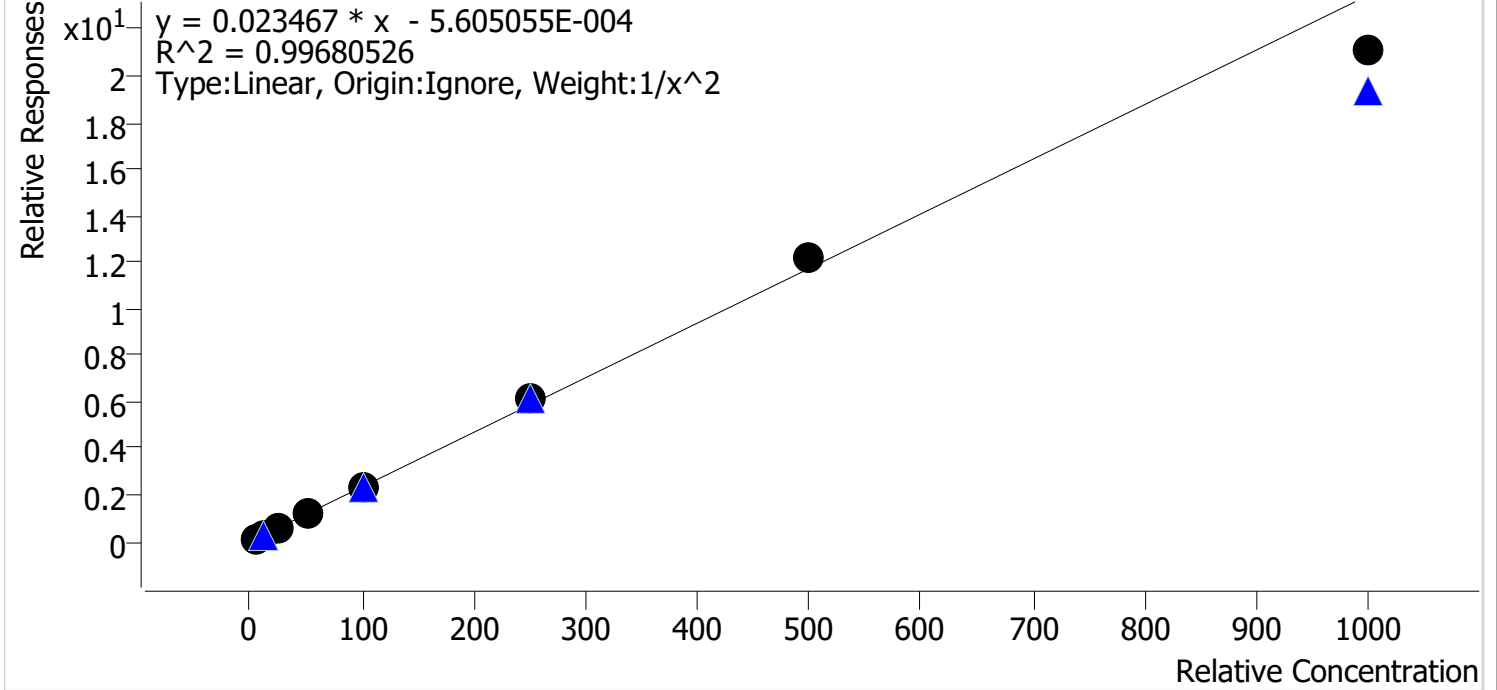
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	522.2	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1042.0	104.2



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5

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



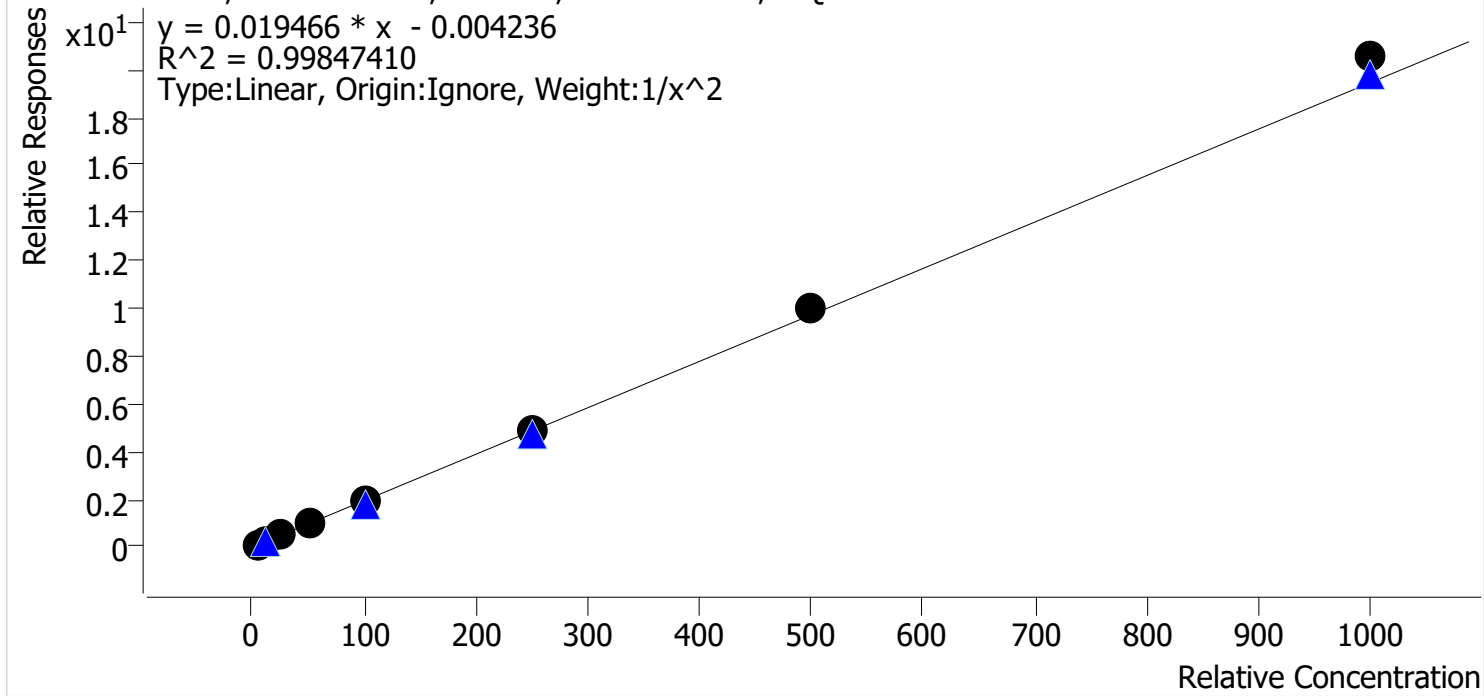
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	265.1	106.0
p1 Cal 7-500ng	7	✓	500.0	518.3	103.7
p1 Cal 8-1000ng	8	✓	1000.0	899.0	89.9



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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



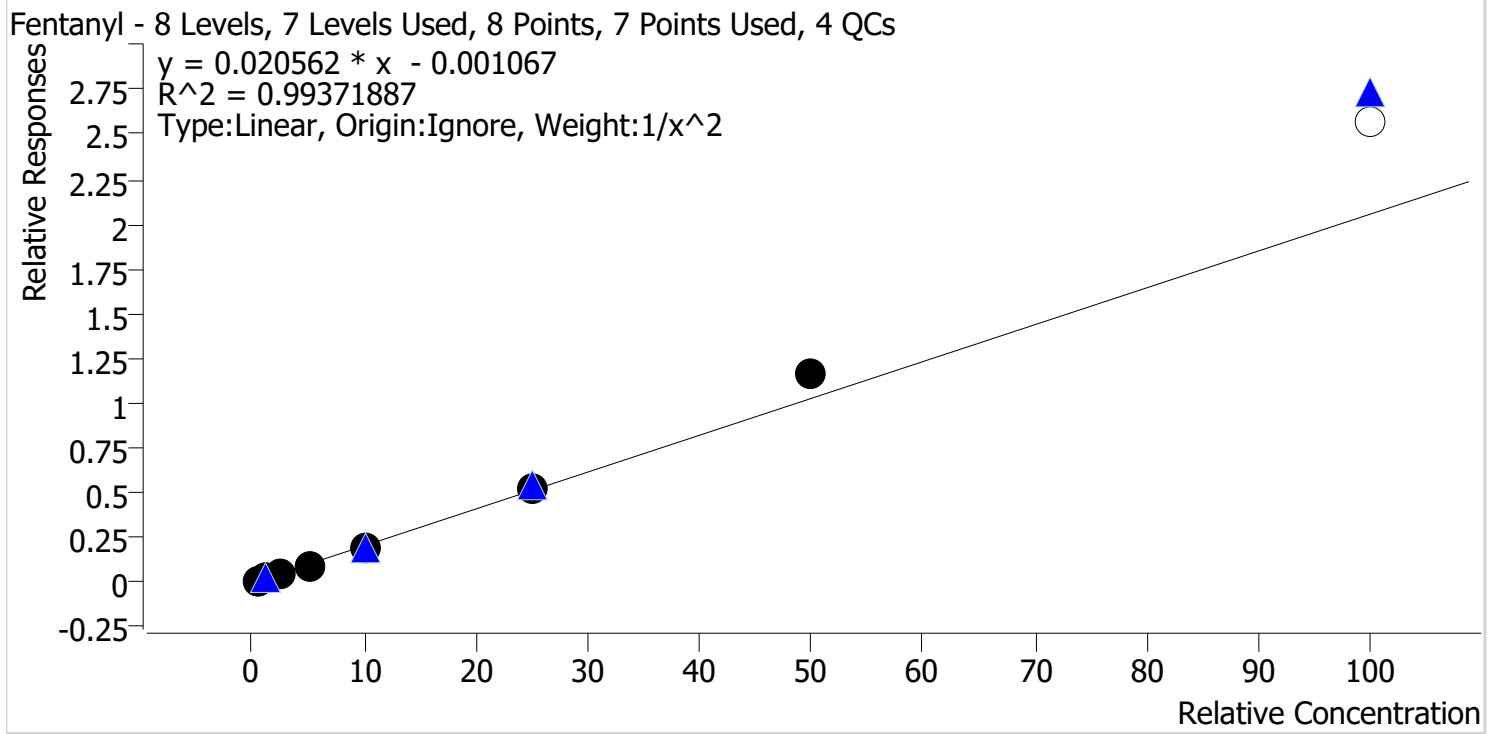
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	518.0	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1056.3	105.6





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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

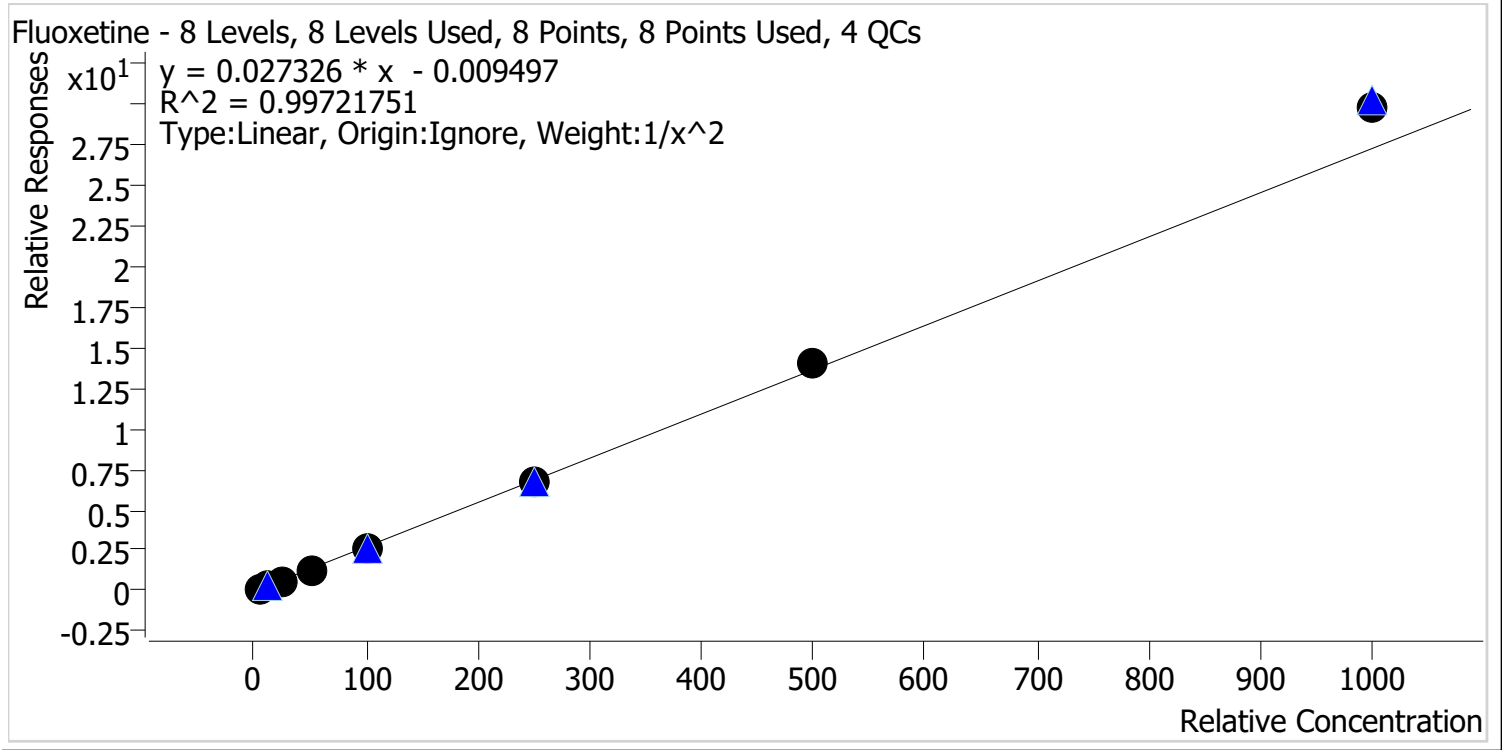


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.7
p1 Cal 2-10ng	2	✓	1.0	1.0	96.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.5
p1 Cal 4-50ng	4	✓	5.0	4.7	93.7
p1 Cal 5-100ng	5	✓	10.0	9.7	97.3
p1 Cal 6-250ng	6	✓	25.0	25.5	102.2
p1 Cal 7-500ng	7	✓	50.0	56.3	112.6
p1 Cal 8-1000ng	8	✗	100.0	124.9	124.9



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6

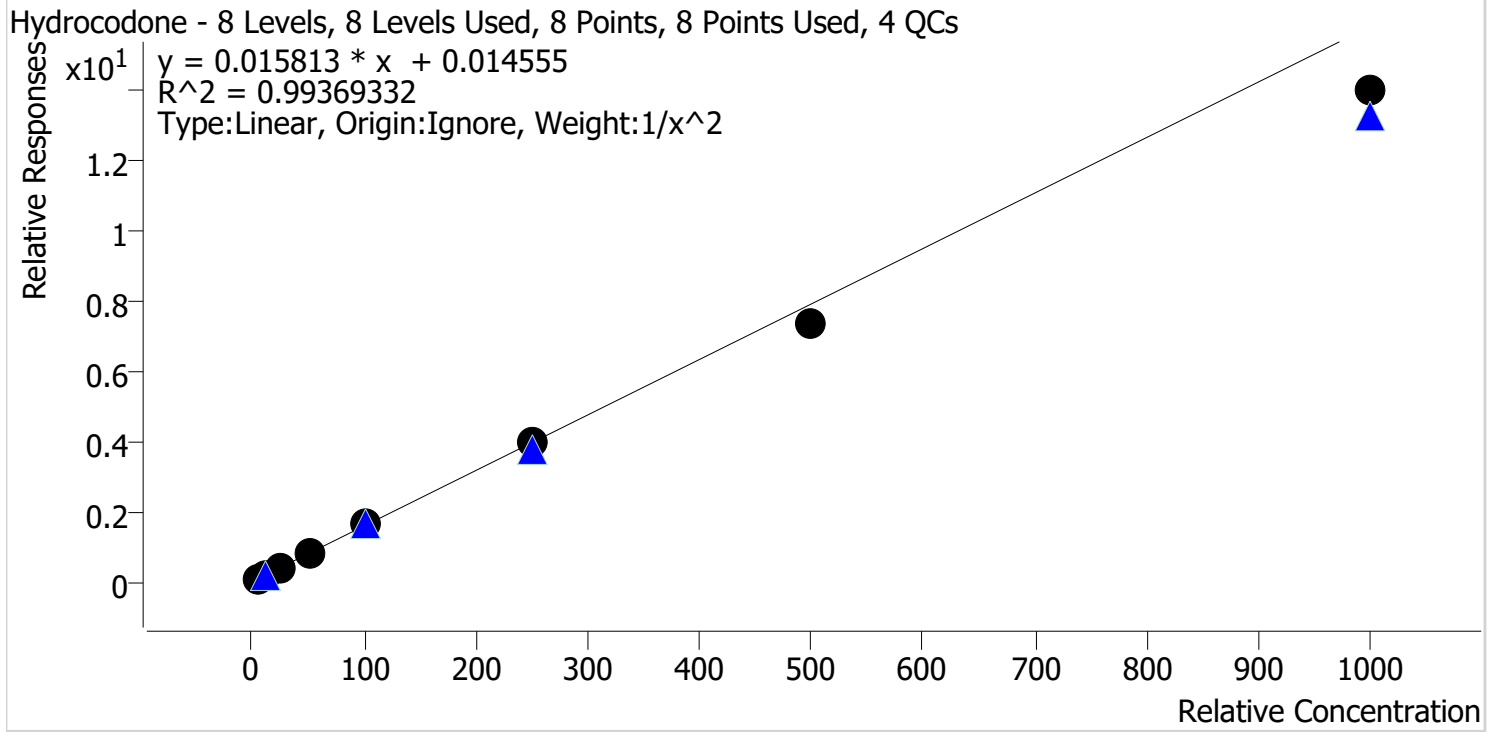


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	514.2	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1089.4	108.9



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6



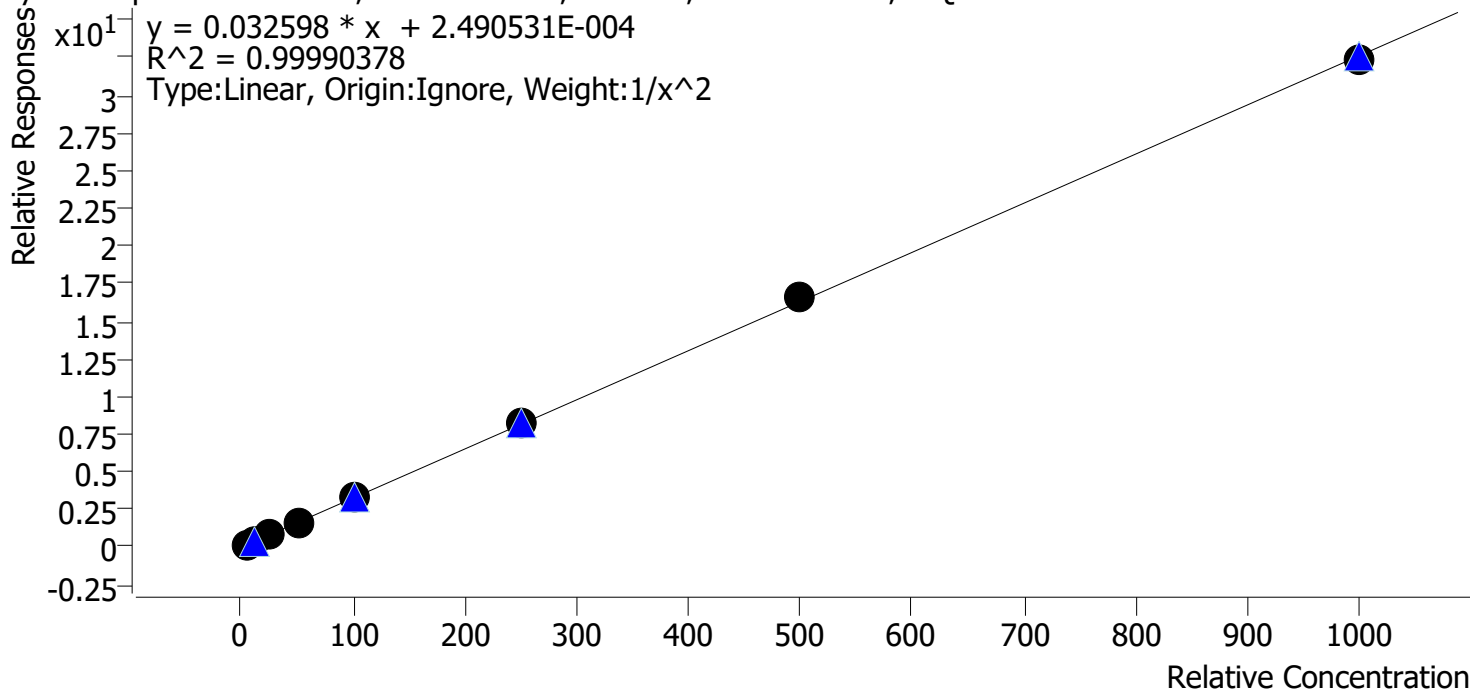
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	462.3	92.5
p1 Cal 8-1000ng	8	✓	1000.0	884.6	88.5



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6

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

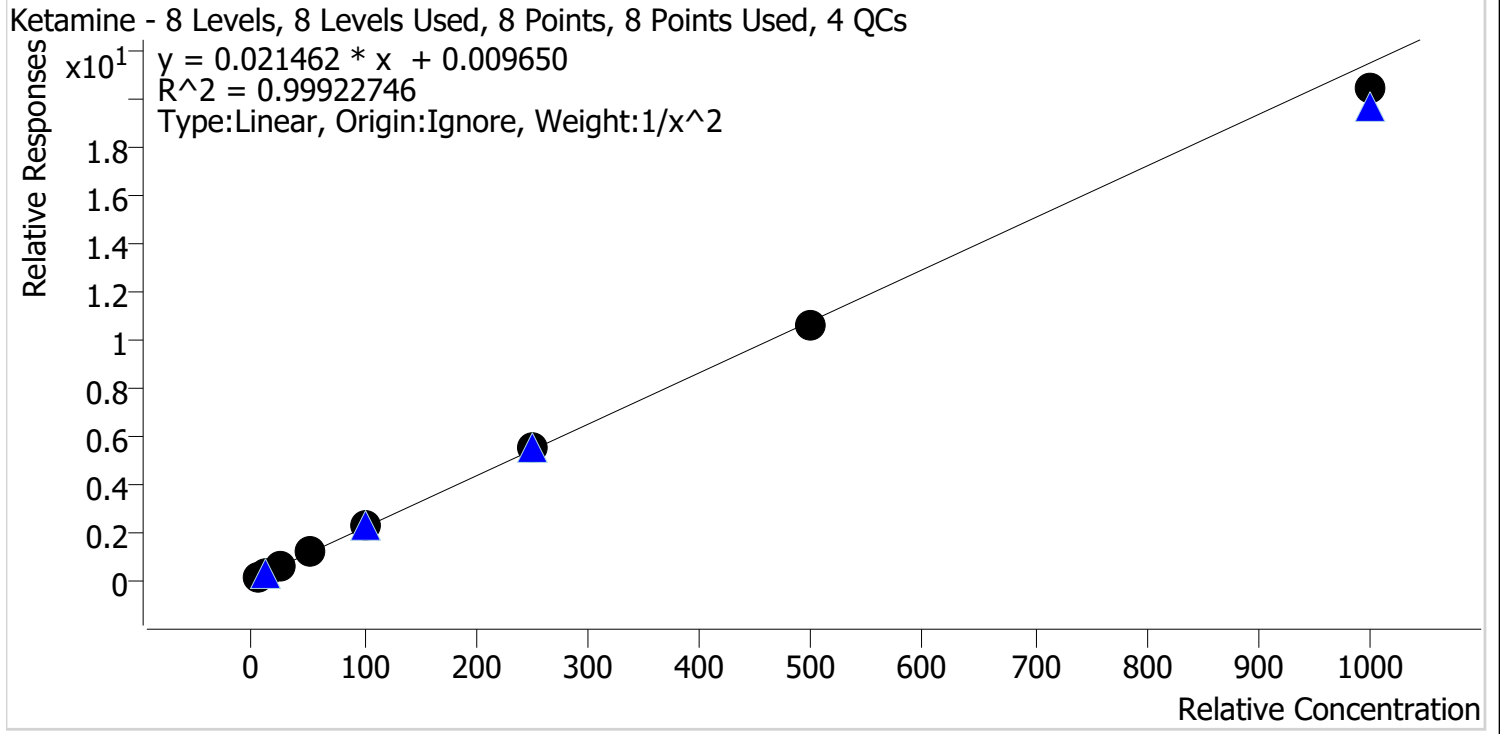


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	991.7	99.2



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4

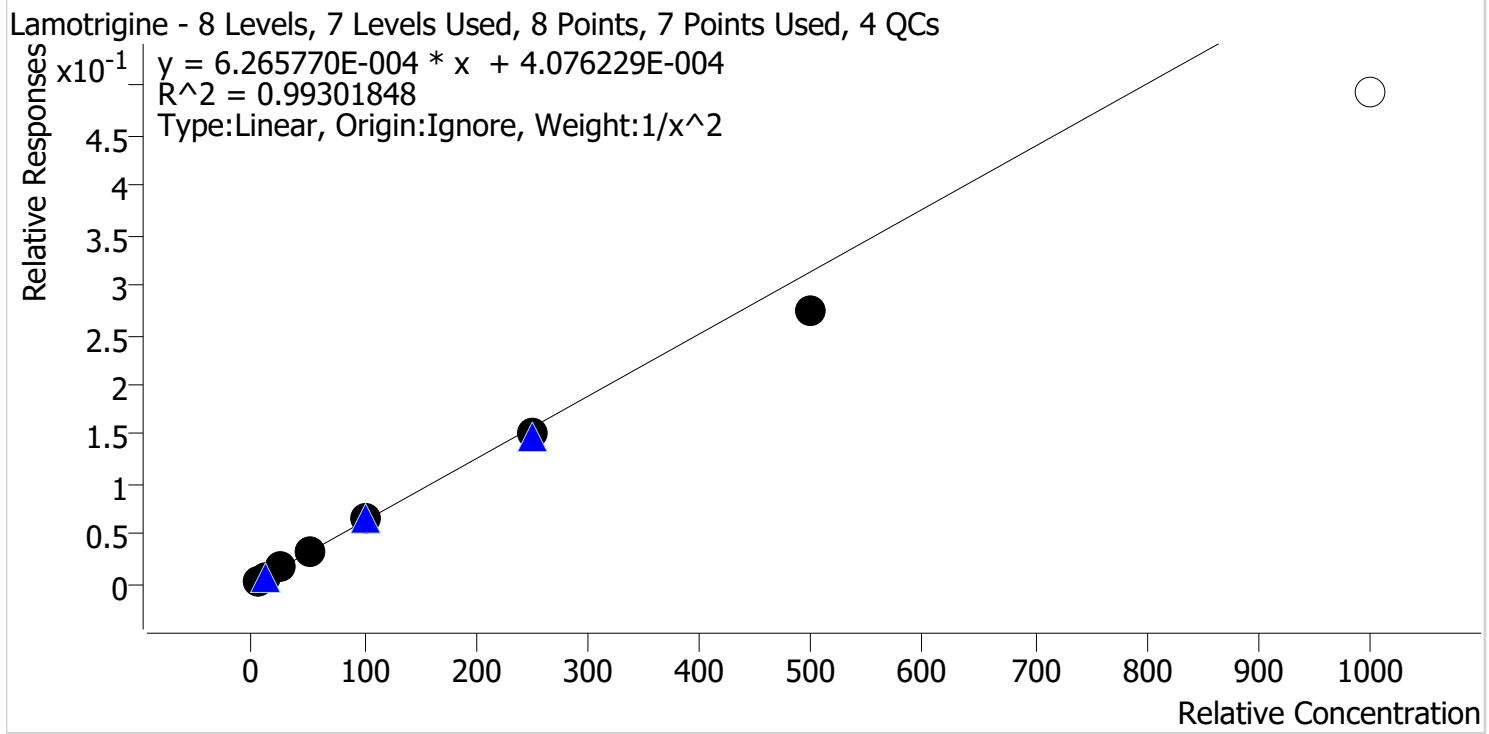


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	950.2	95.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lamotrigine **Internal Standard** Pseudoephedrine-D3



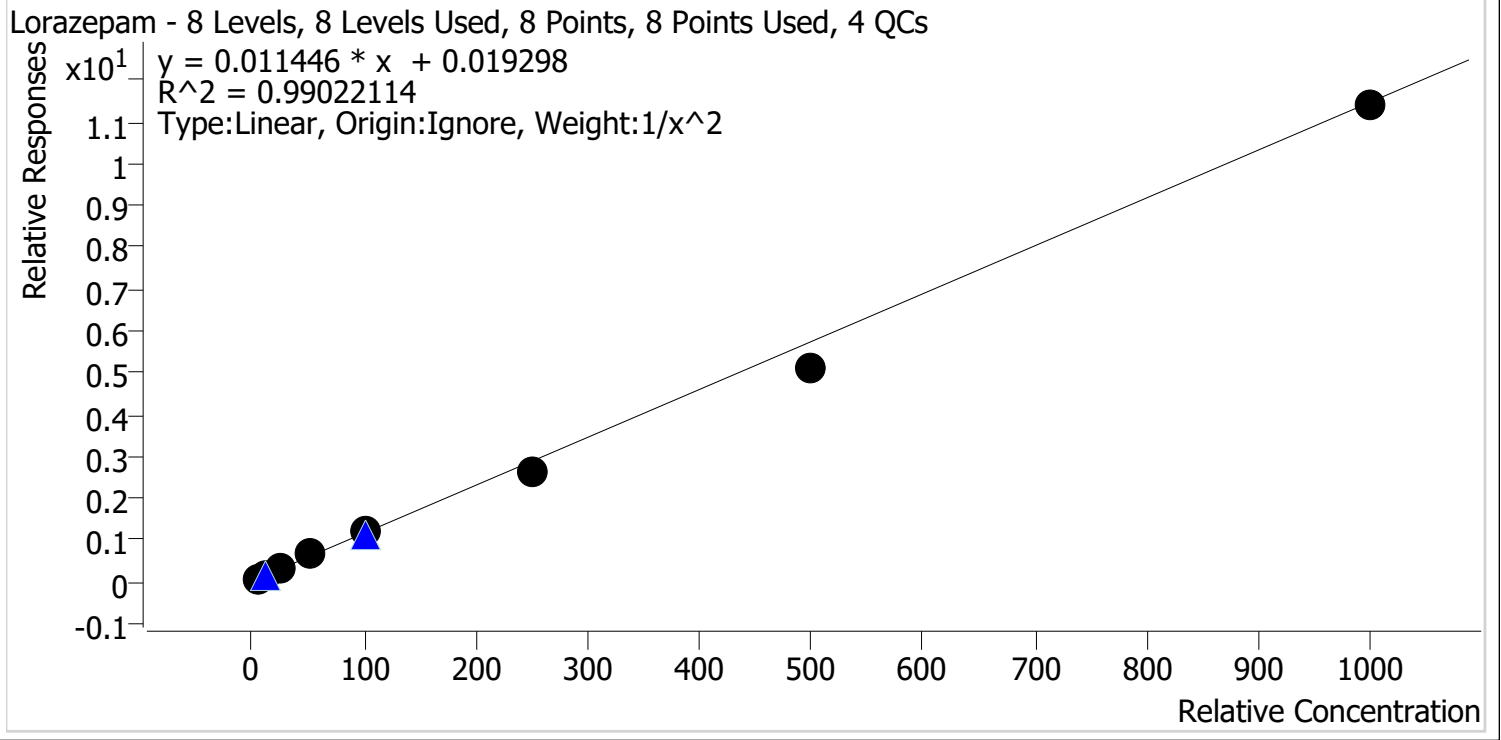
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	53.6	107.3
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng	7	✓	500.0	435.7	87.1
p1 Cal 8-1000ng	8	✗	1000.0	786.2	78.6

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5



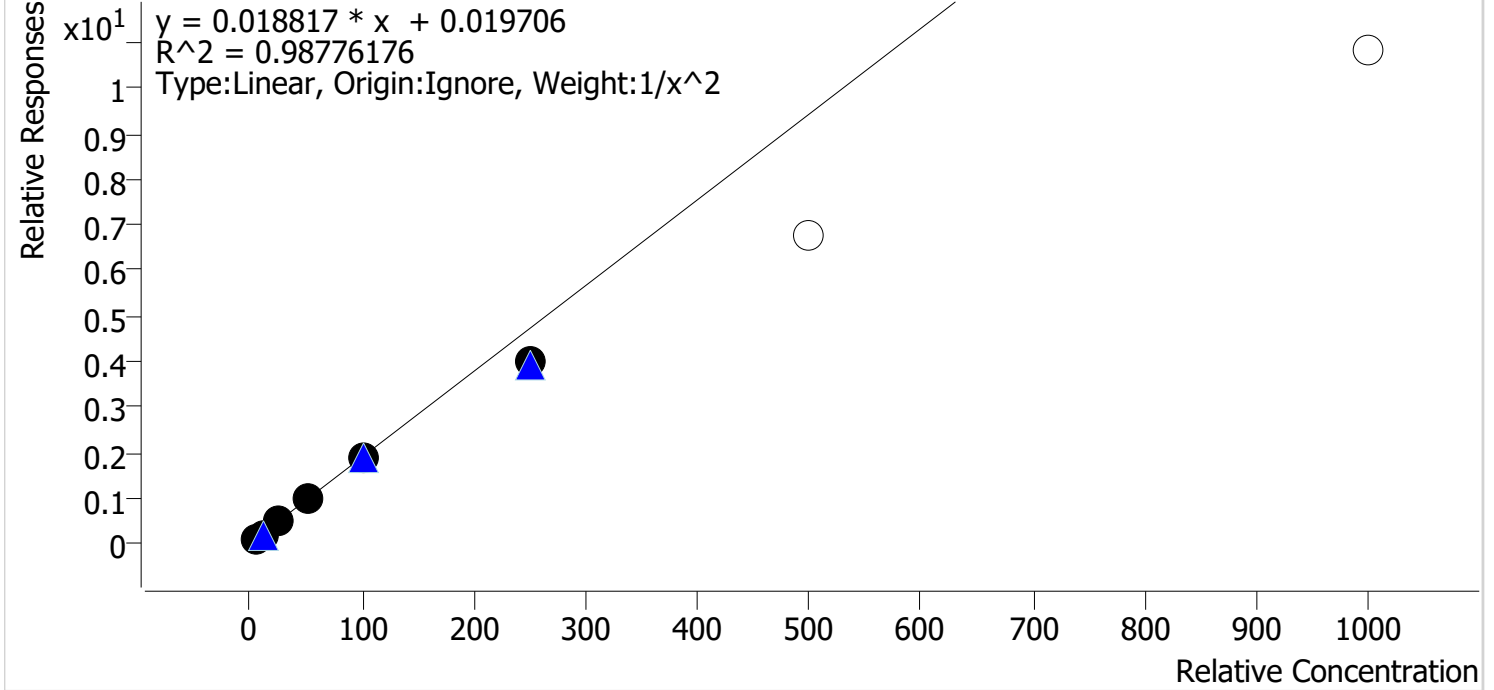
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.7	107.2
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	225.7	90.3
p1 Cal 7-500ng	7	✓	500.0	442.9	88.6
p1 Cal 8-1000ng	8	✓	1000.0	991.0	99.1



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	211.0	84.4
p1 Cal 7-500ng	7	x	500.0	360.1	72.0
p1 Cal 8-1000ng	8	x	1000.0	573.9	57.4

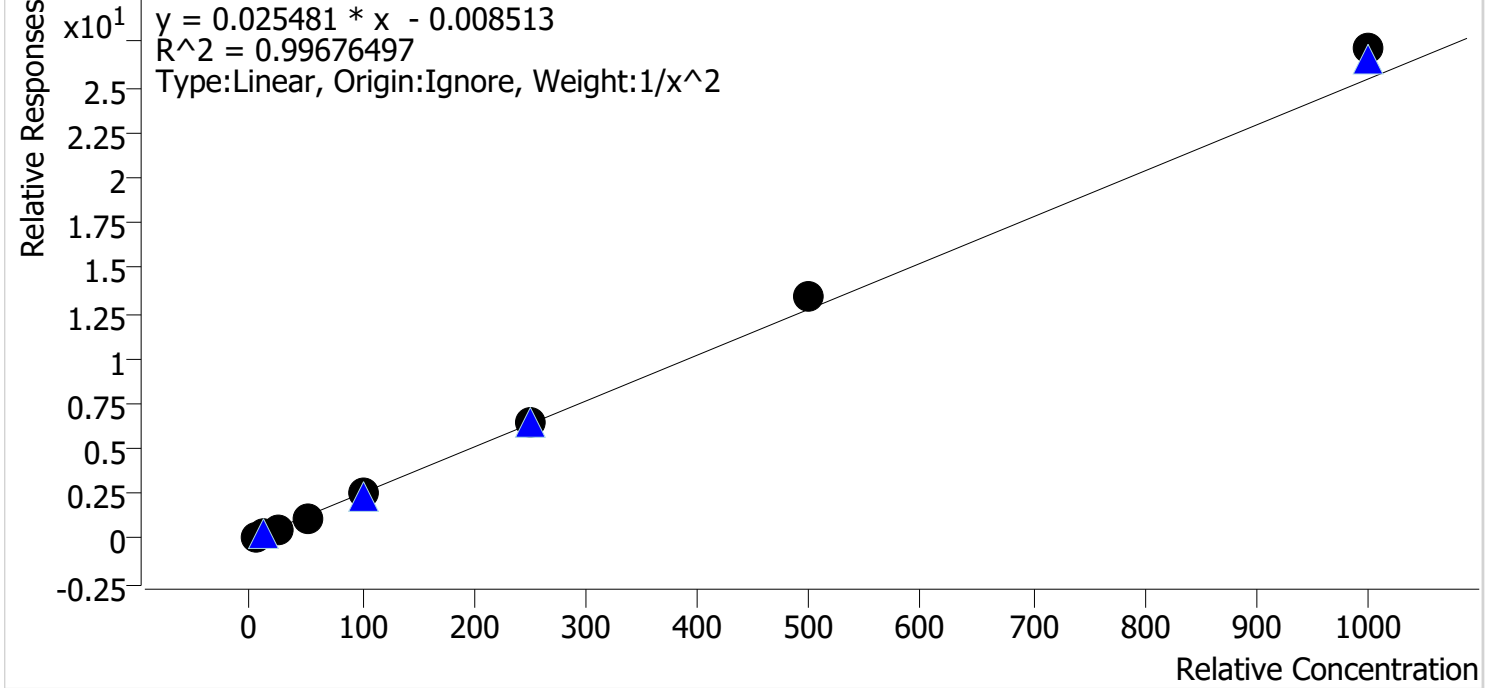




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9

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

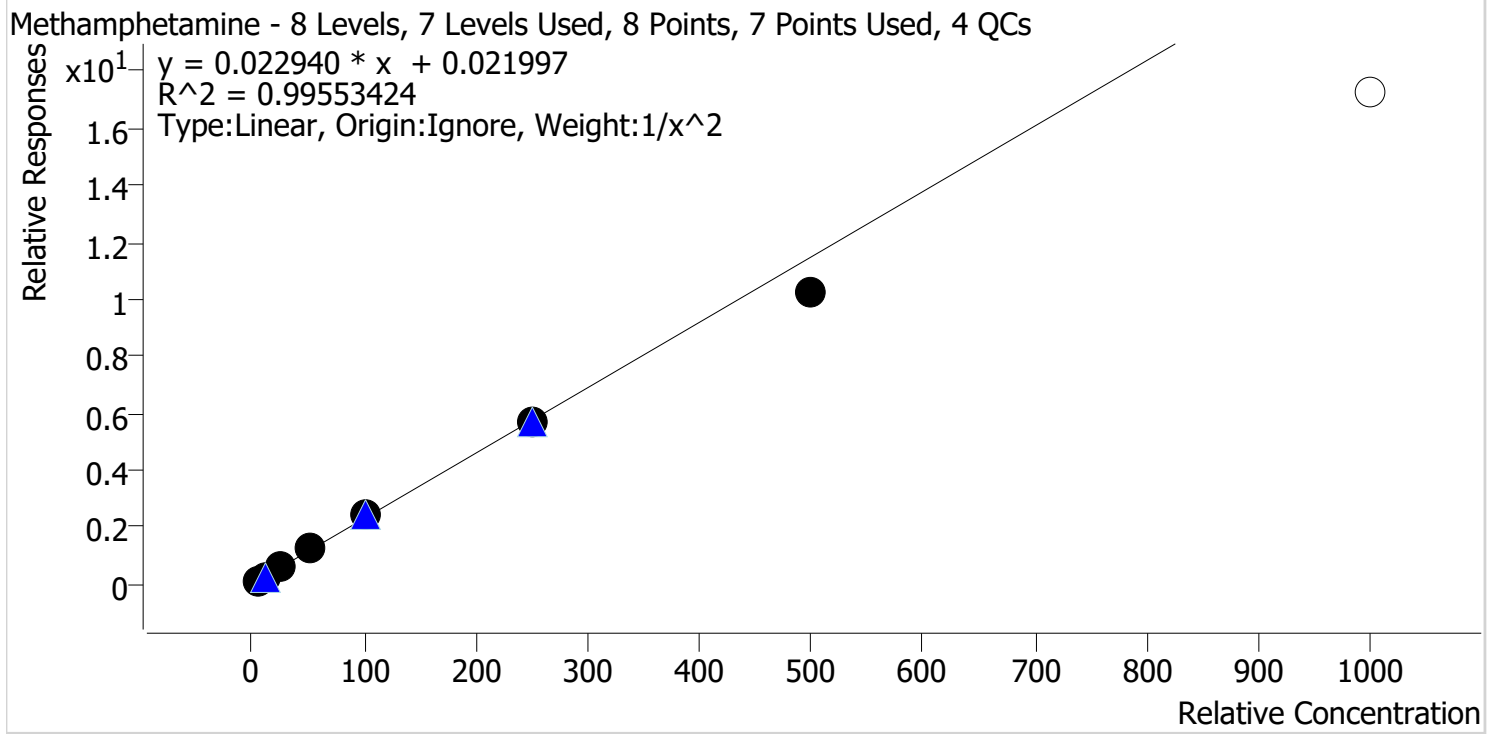


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	529.9	106.0
p1 Cal 8-1000ng	8	✓	1000.0	1066.1	106.6



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11

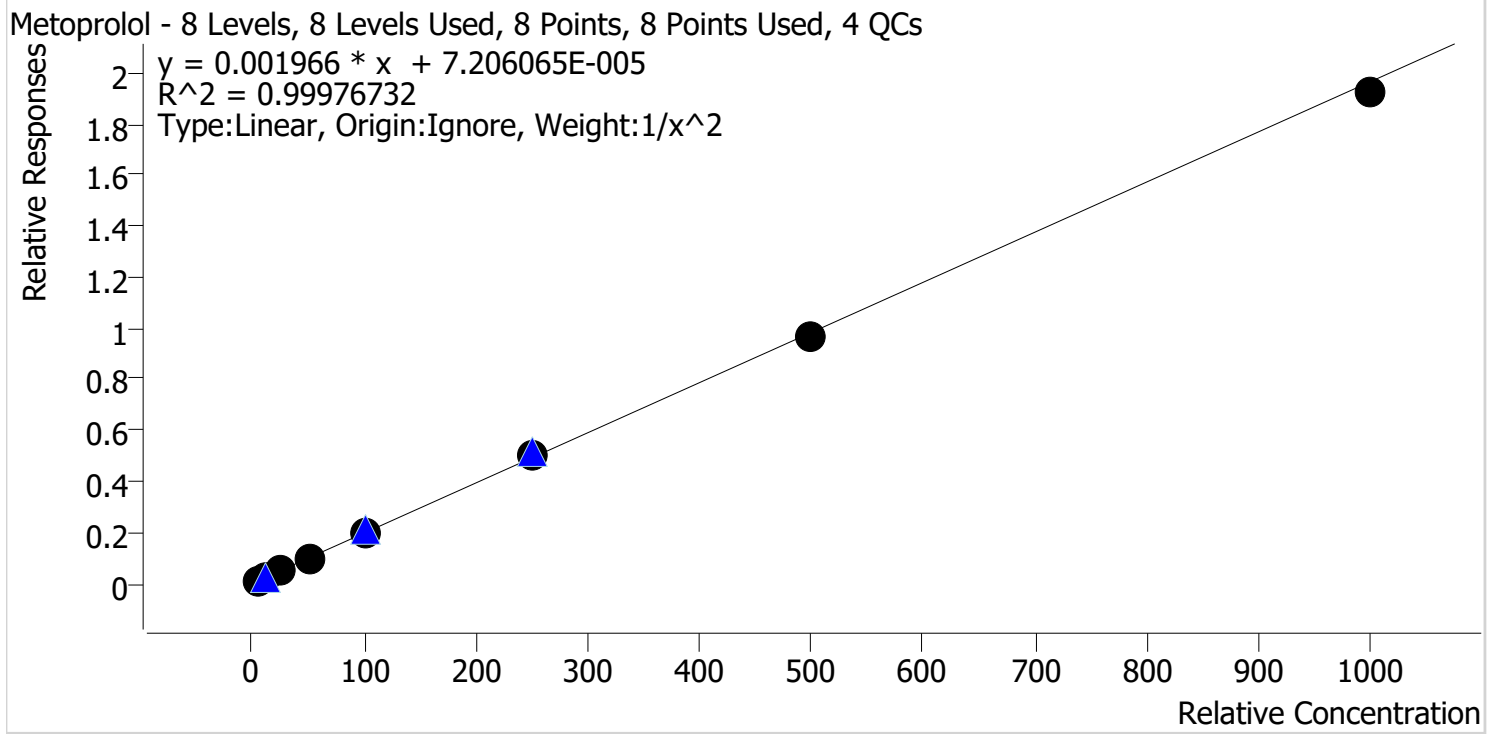


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	445.1	89.0
p1 Cal 8-1000ng	8	✗	1000.0	751.1	75.1



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Metoprolol **Internal Standard** Pseudoephedrine-D3

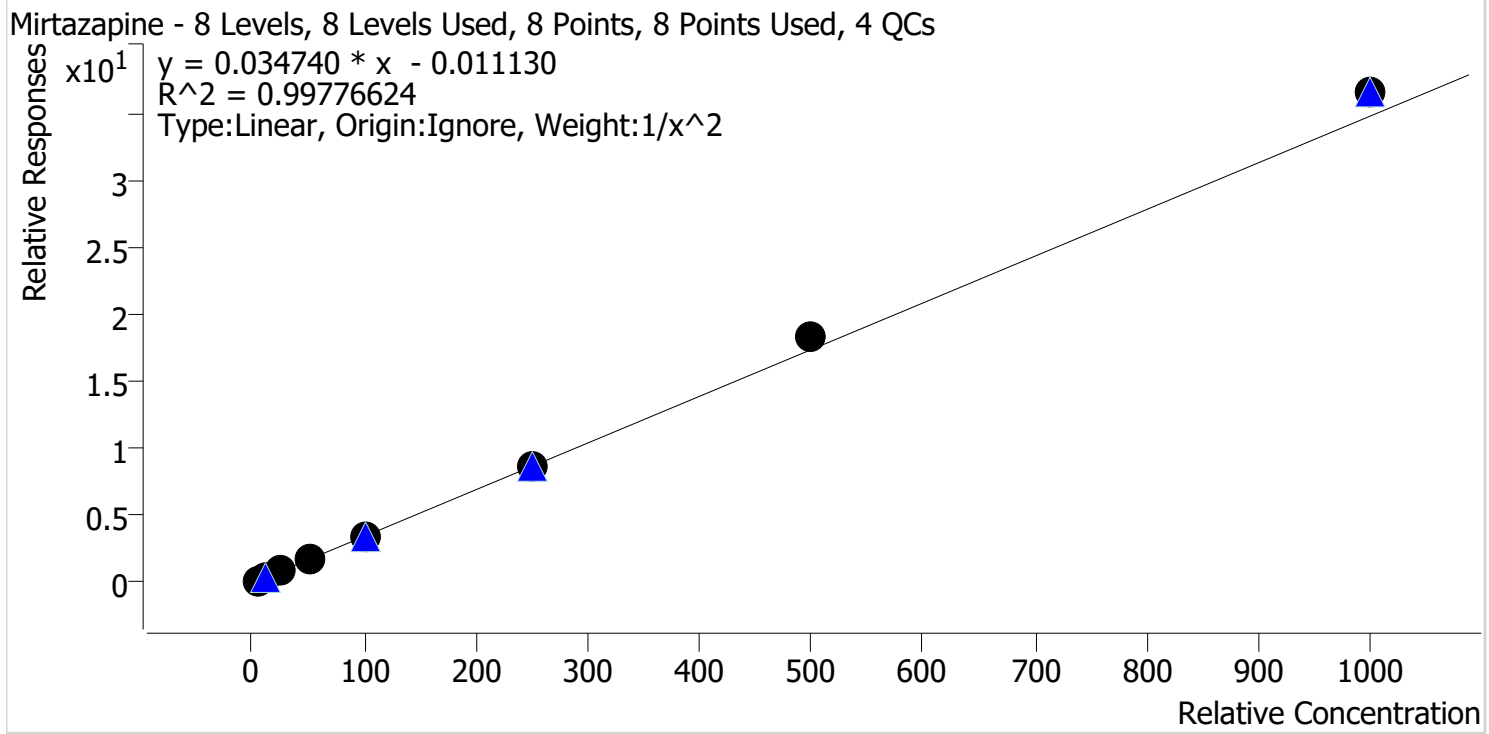


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	978.4	97.8



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-d8

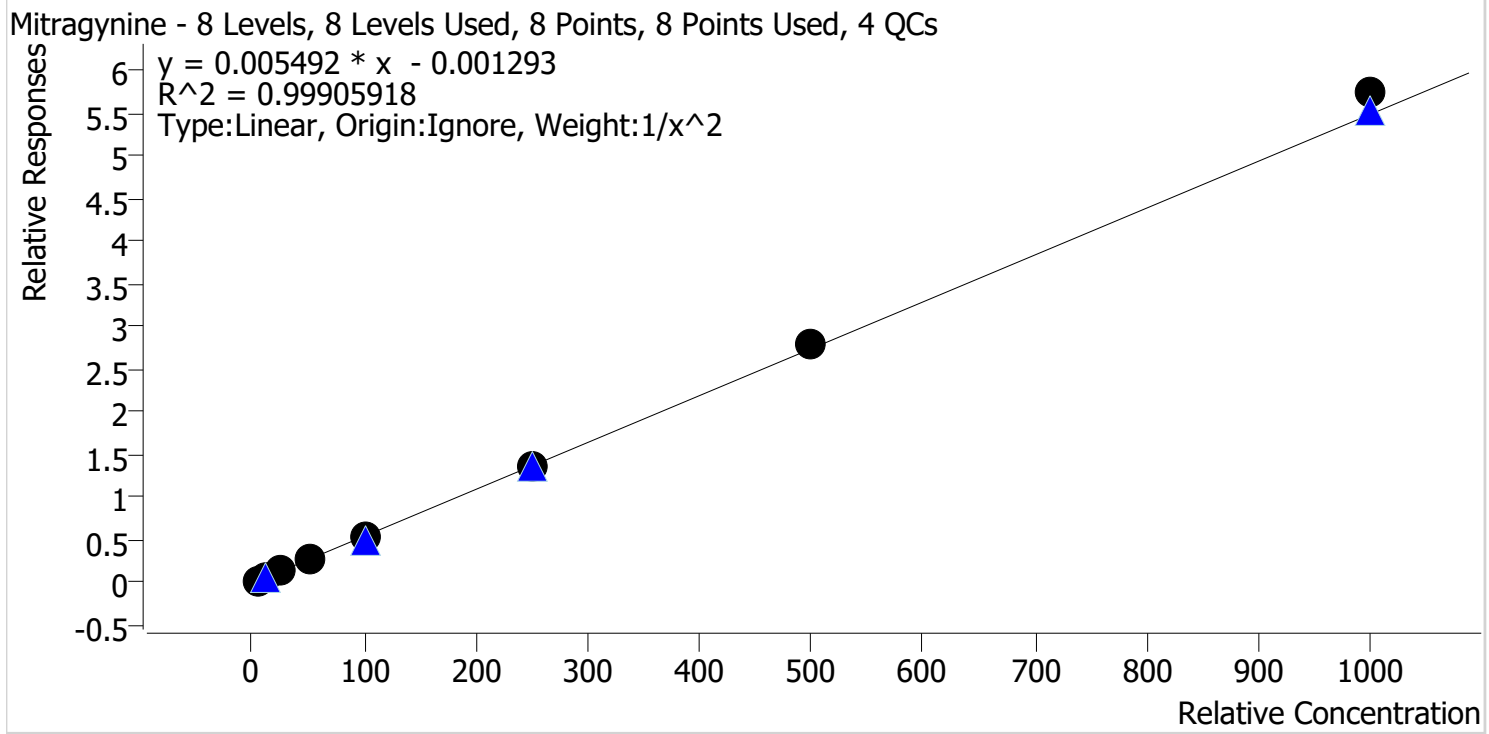


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	527.2	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1050.4	105.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9

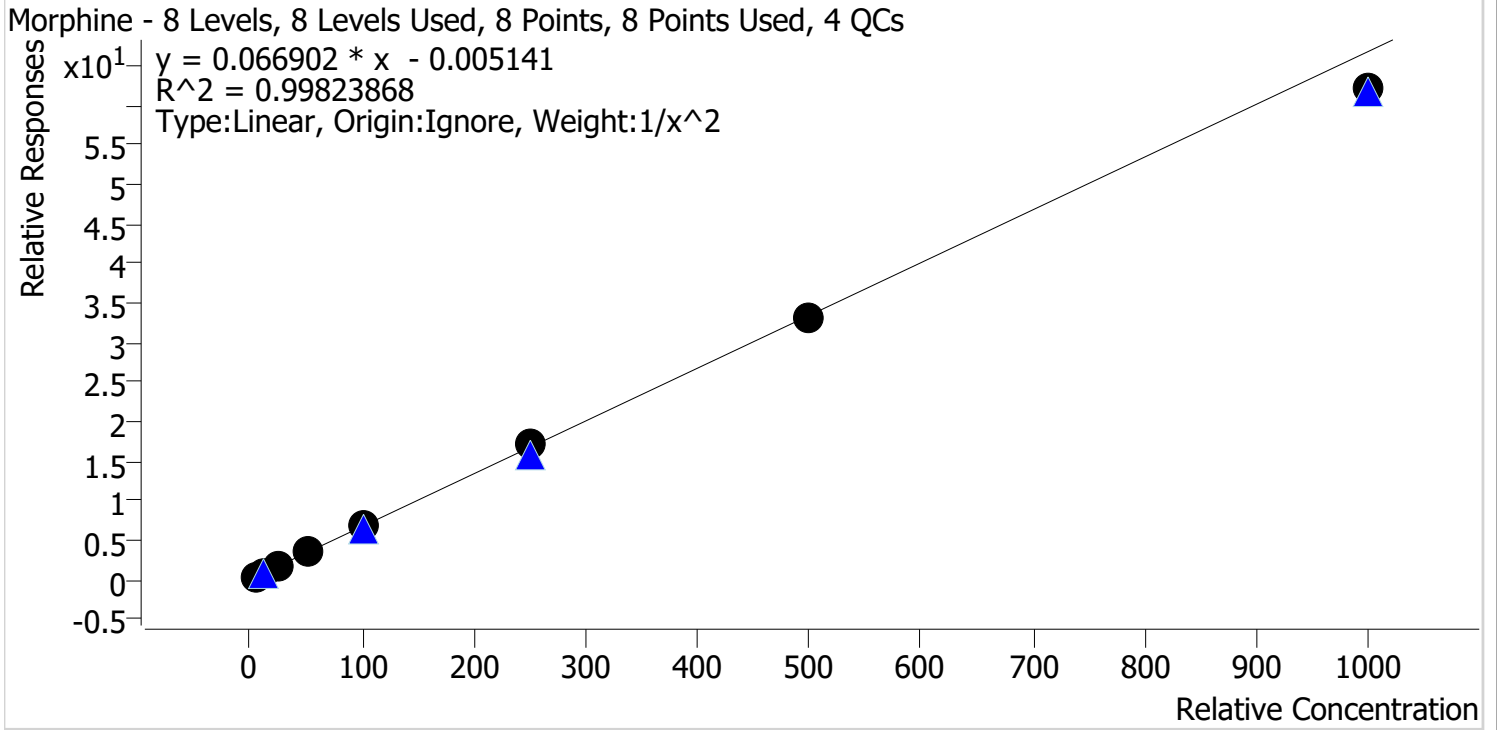


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	513.5	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1046.5	104.6



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 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	97.3
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	497.3	99.5
p1 Cal 8-1000ng	8	✓	1000.0	929.7	93.0

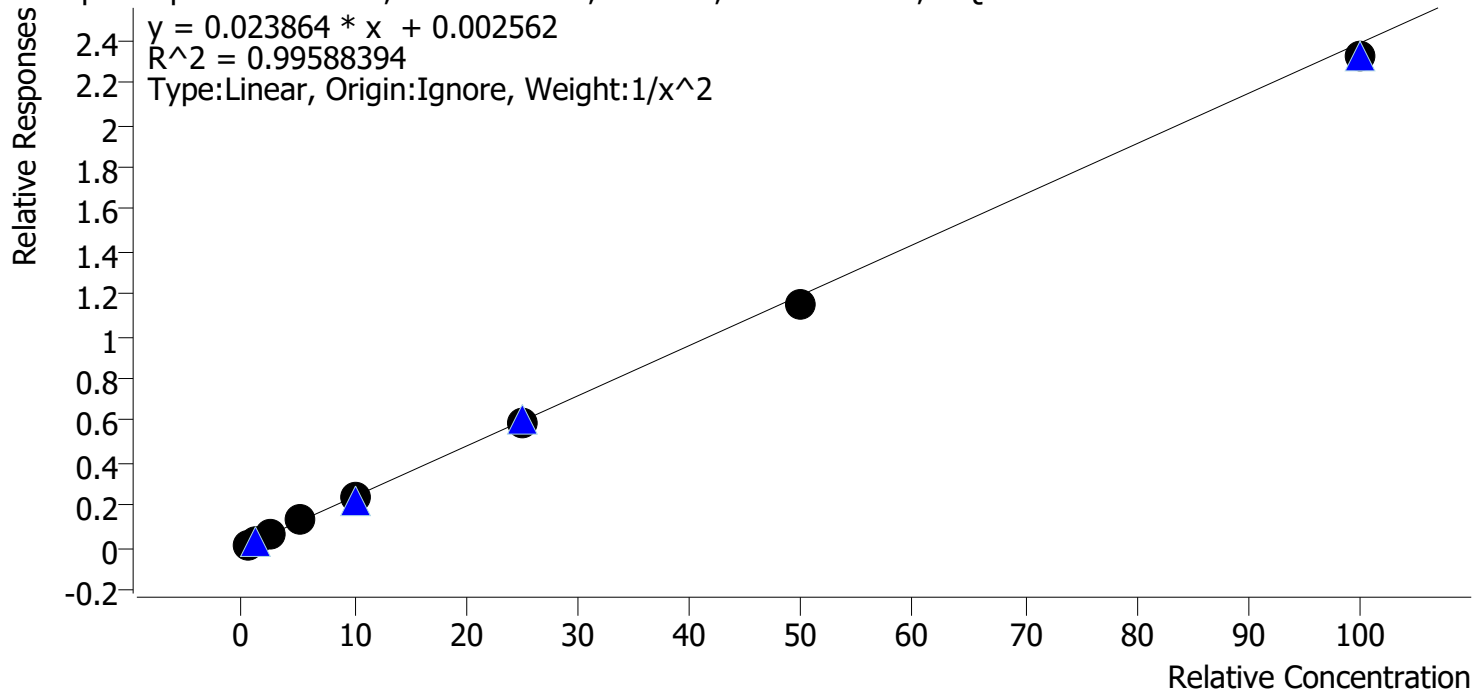
CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



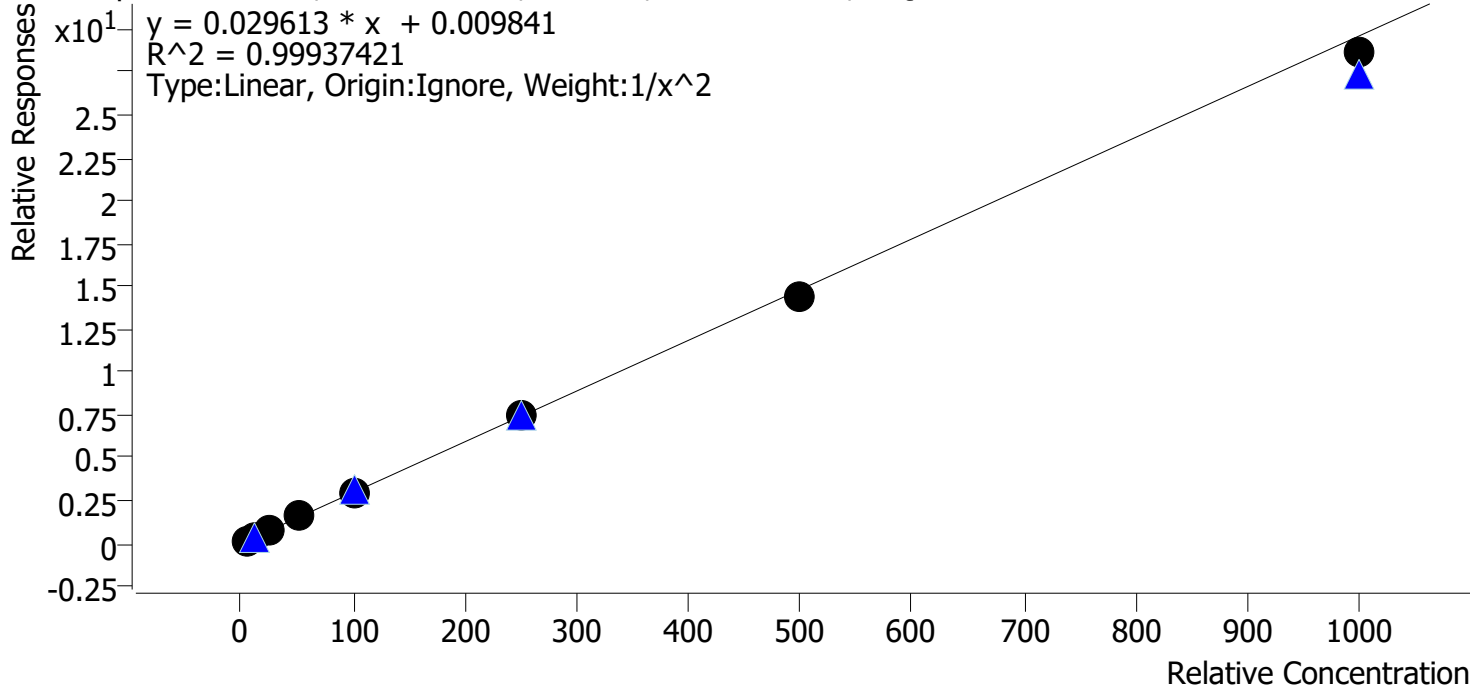
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	94.7
p1 Cal 2-10ng	2	✓	1.0	1.1	110.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.7
p1 Cal 4-50ng	4	✓	5.0	5.3	106.2
p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
p1 Cal 6-250ng	6	✓	25.0	24.8	99.0
p1 Cal 7-500ng	7	✓	50.0	48.1	96.1
p1 Cal 8-1000ng	8	✓	100.0	97.2	97.2



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Nordiazepam Internal Standard Nordiazepam-D5

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



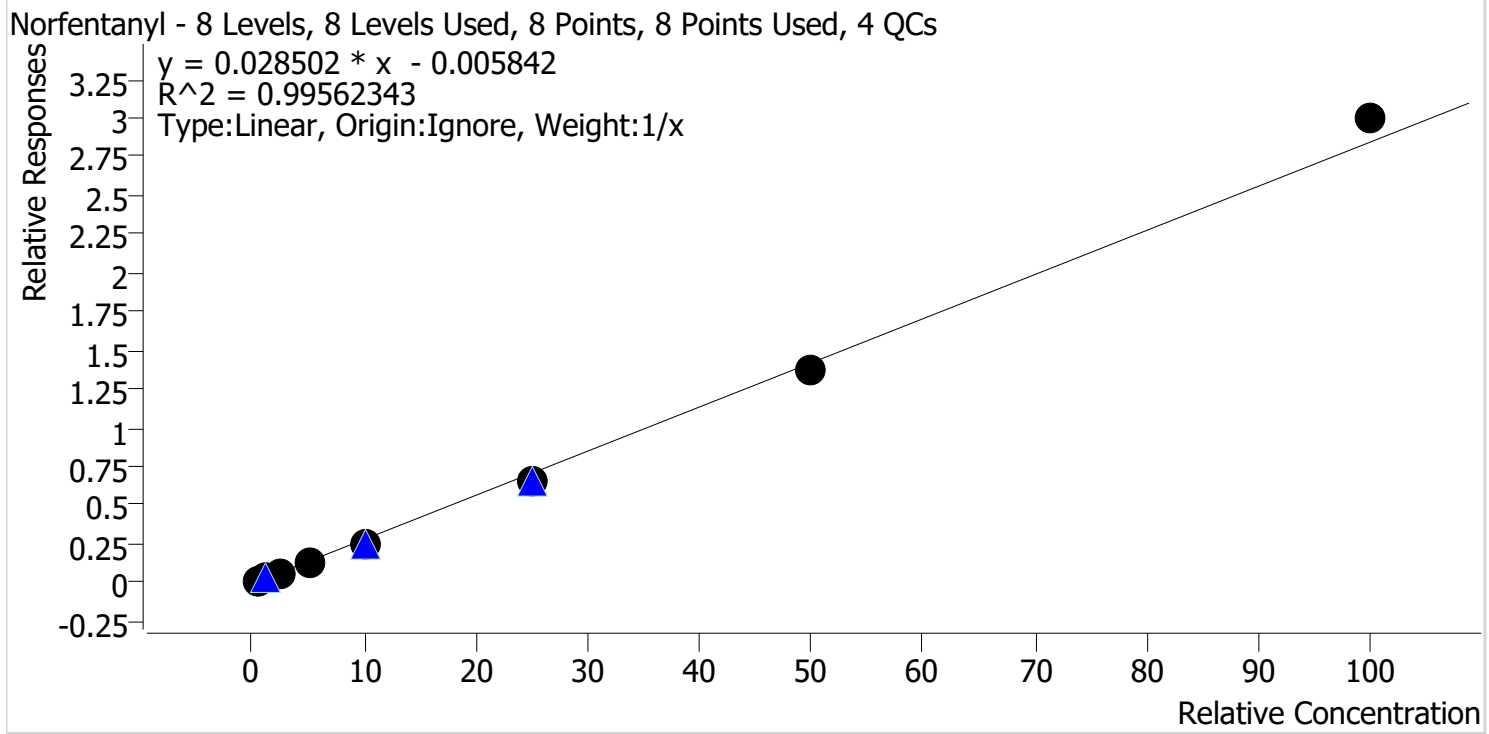
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	967.1	96.7





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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norfentanyl Internal Standard Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	128.4
p1 Cal 2-10ng	2	✓	1.0	1.1	105.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.4
p1 Cal 4-50ng	4	✓	5.0	4.5	90.1
p1 Cal 5-100ng	5	✓	10.0	9.0	89.8
p1 Cal 6-250ng	6	✓	25.0	22.9	91.7
p1 Cal 7-500ng	7	✓	50.0	48.0	95.9
p1 Cal 8-1000ng	8	✓	100.0	105.6	105.6

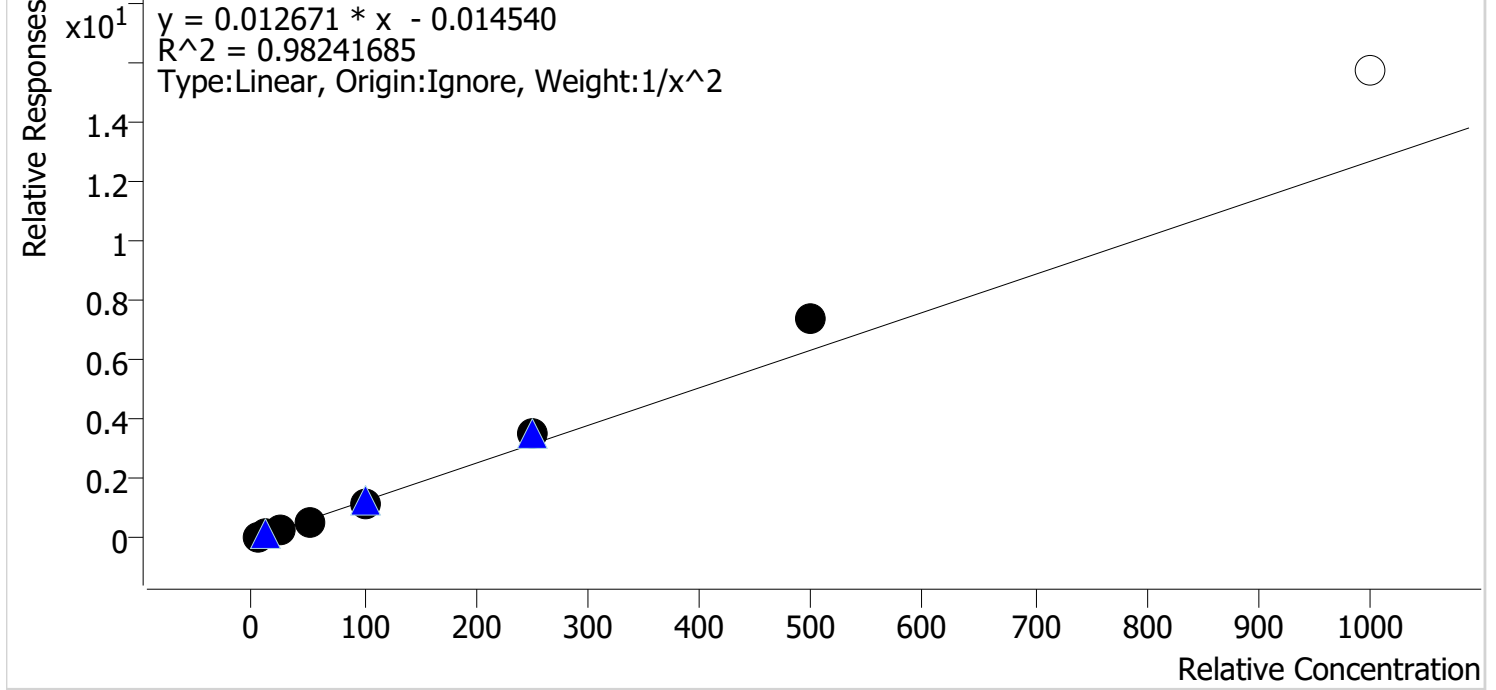
CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3

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

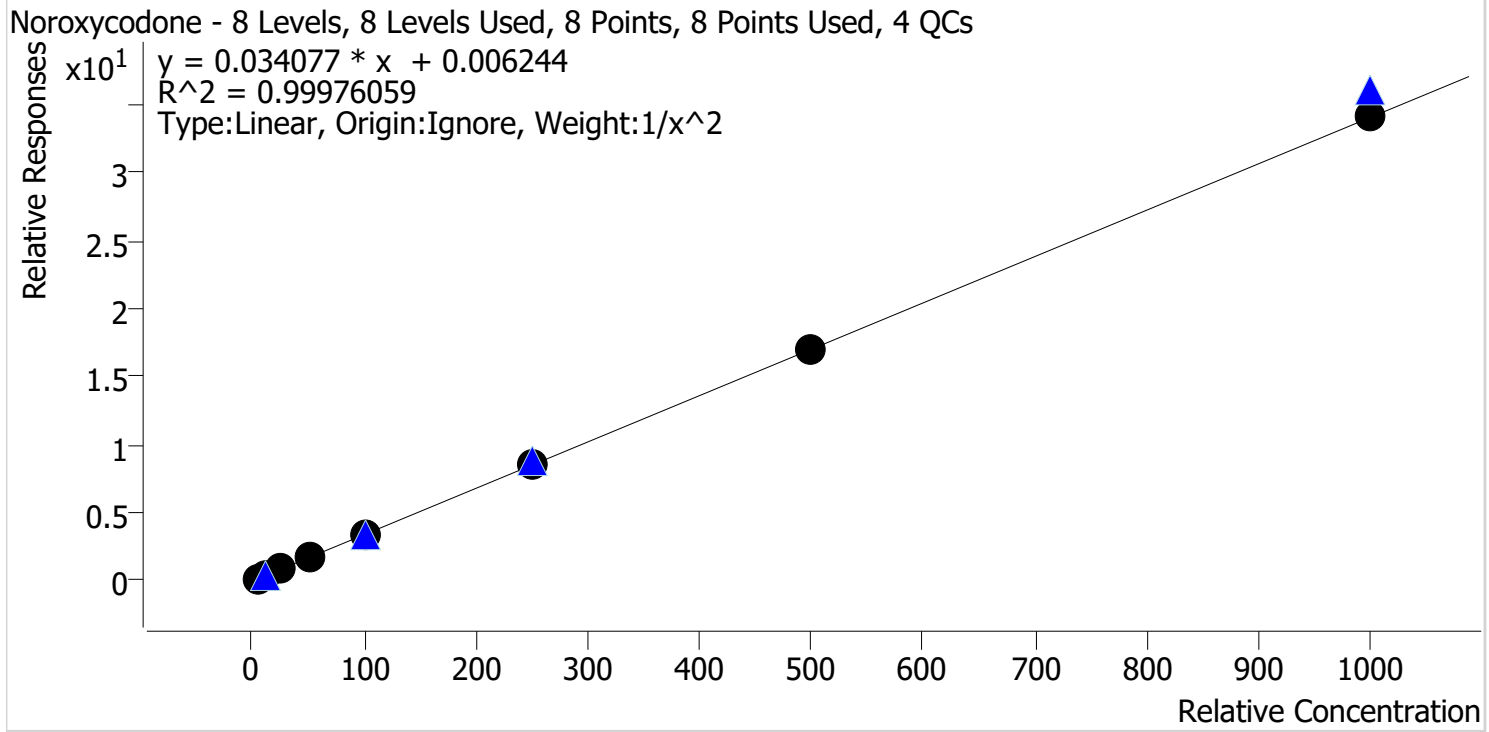


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	107.0
p1 Cal 2-10ng	2	✓	10.0	9.3	93.2
p1 Cal 3 -25ng	3	✓	25.0	21.4	85.7
p1 Cal 4-50ng	4	✓	50.0	45.7	91.3
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	276.4	110.6
p1 Cal 7-500ng	7	✓	500.0	581.5	116.3
p1 Cal 8-1000ng	8	x	1000.0	1245.1	124.5



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3

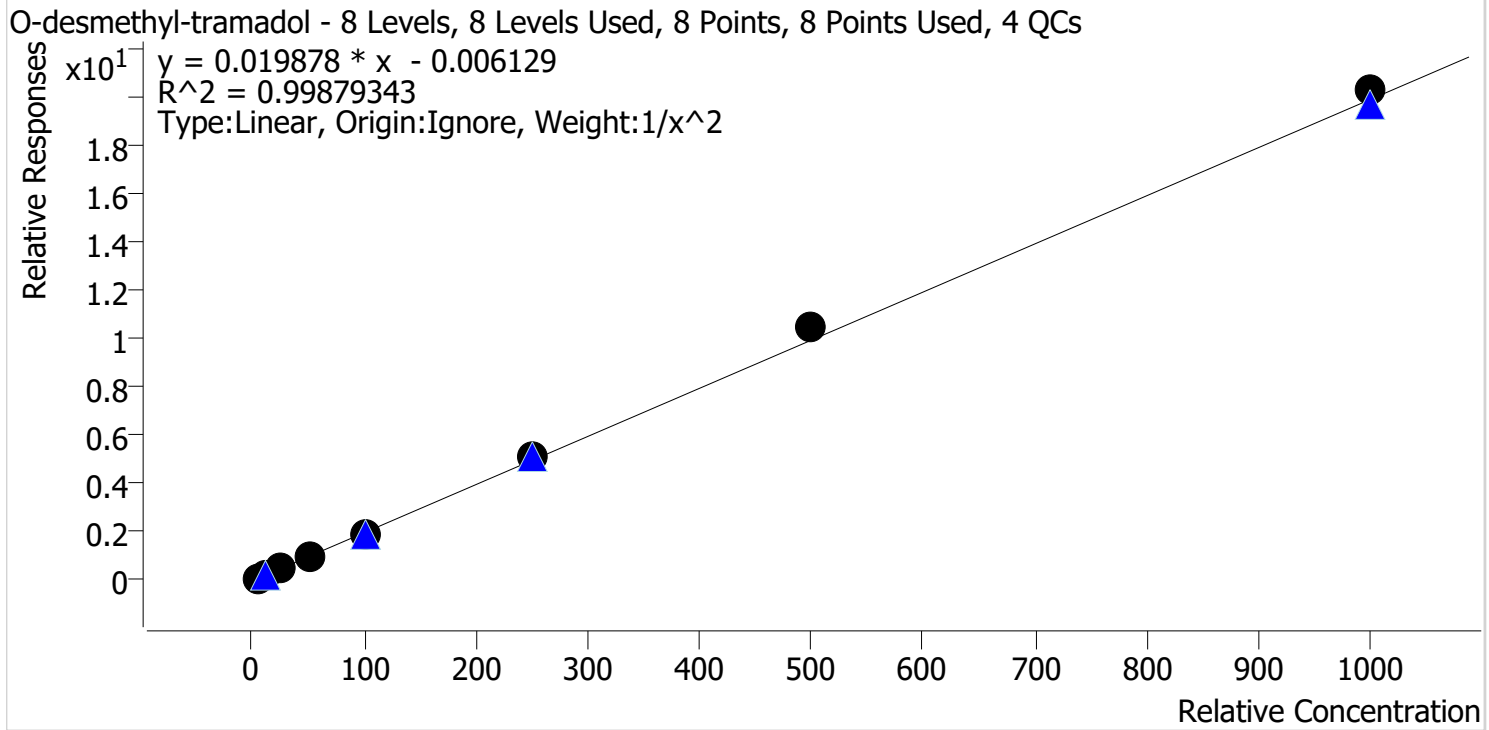


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	496.7	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1007.0	100.7



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



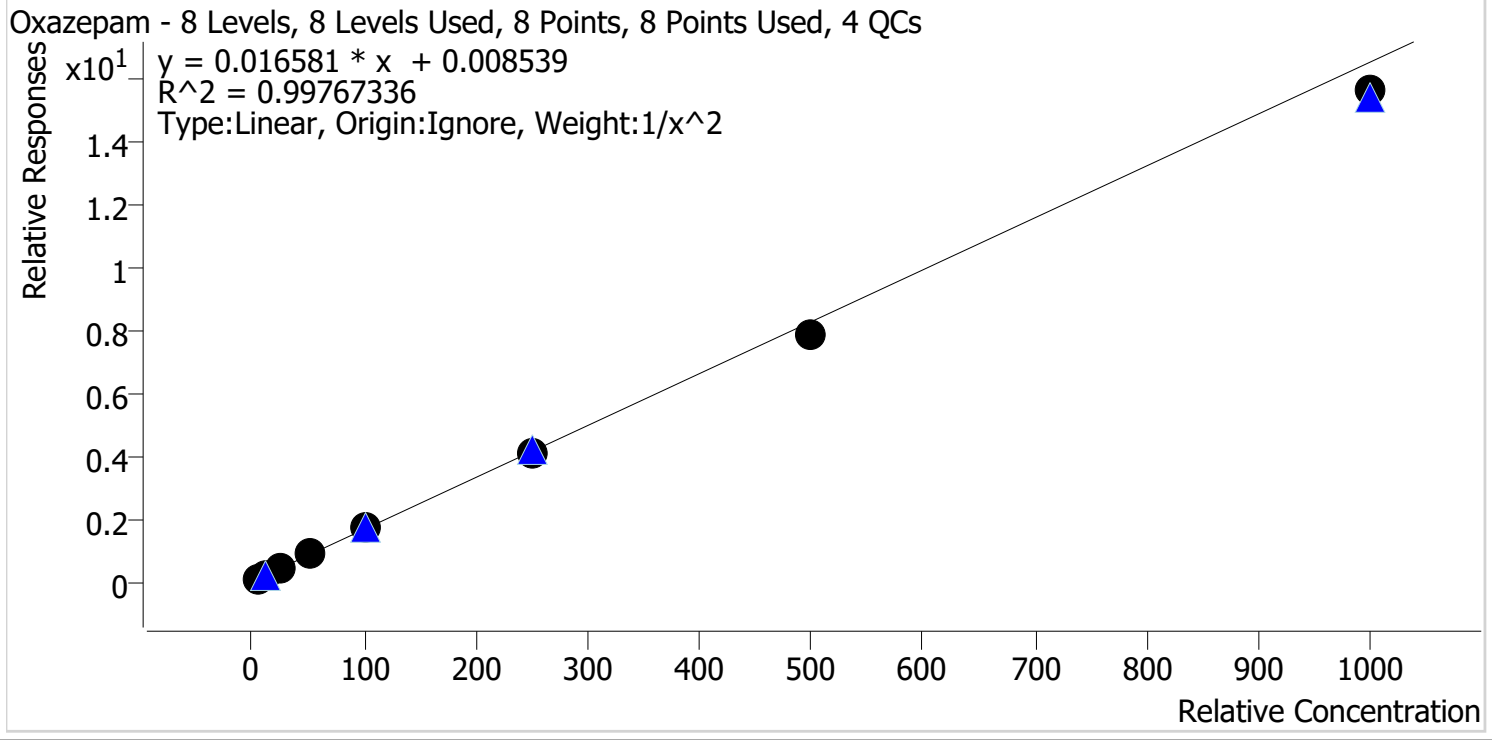
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	524.1	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1019.3	101.9

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5



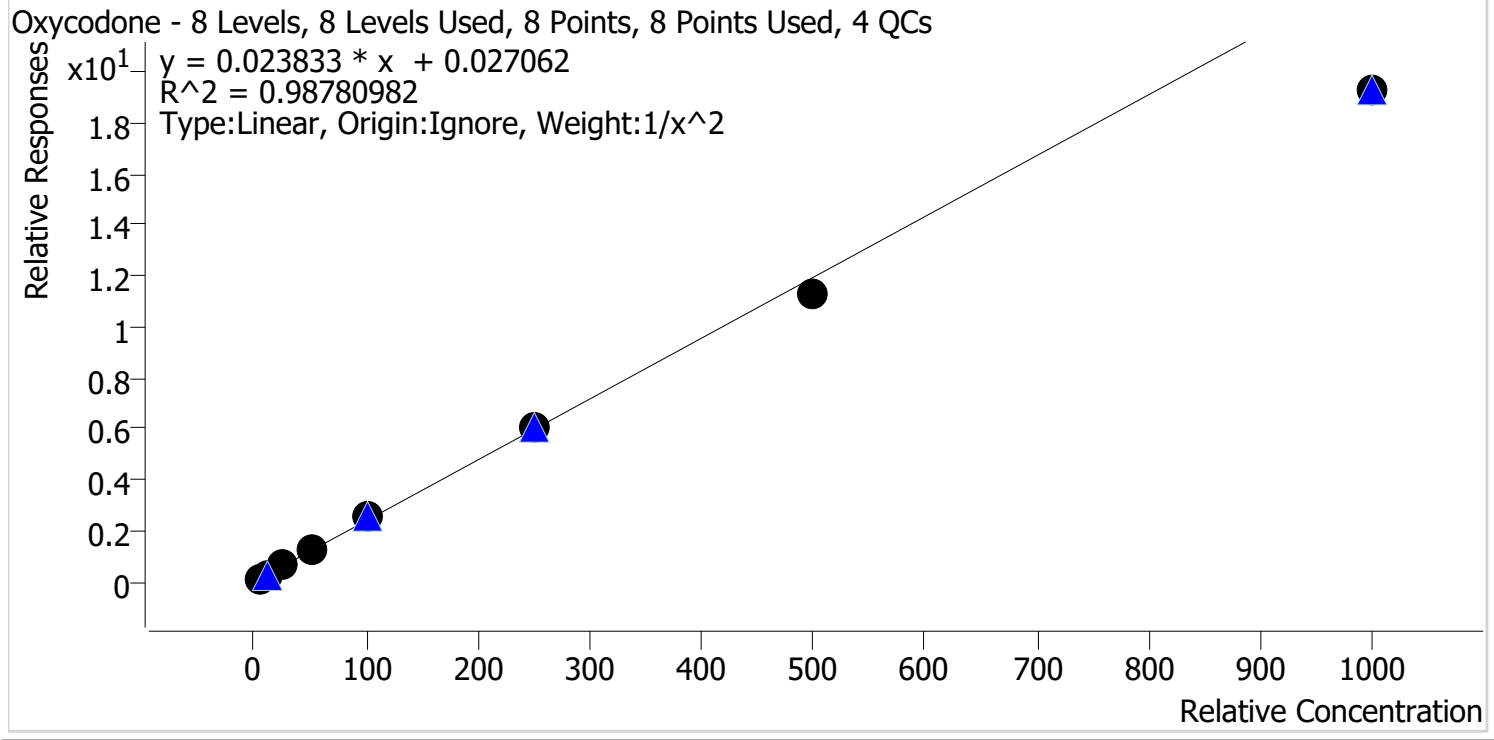
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.4
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	477.0	95.4
p1 Cal 8-1000ng	8	✓	1000.0	945.1	94.5

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6

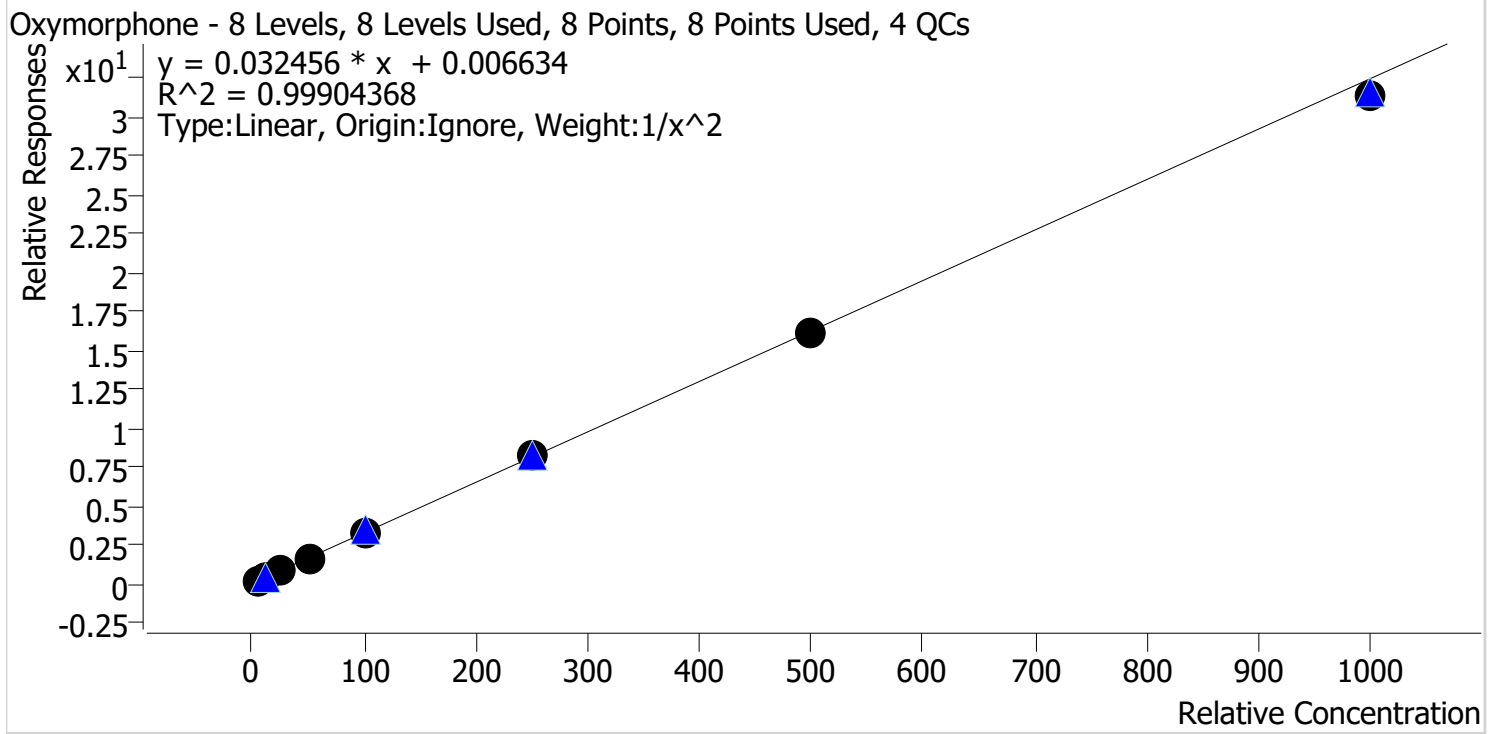


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	472.9	94.6
p1 Cal 8-1000ng	8	✓	1000.0	805.6	80.6



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3

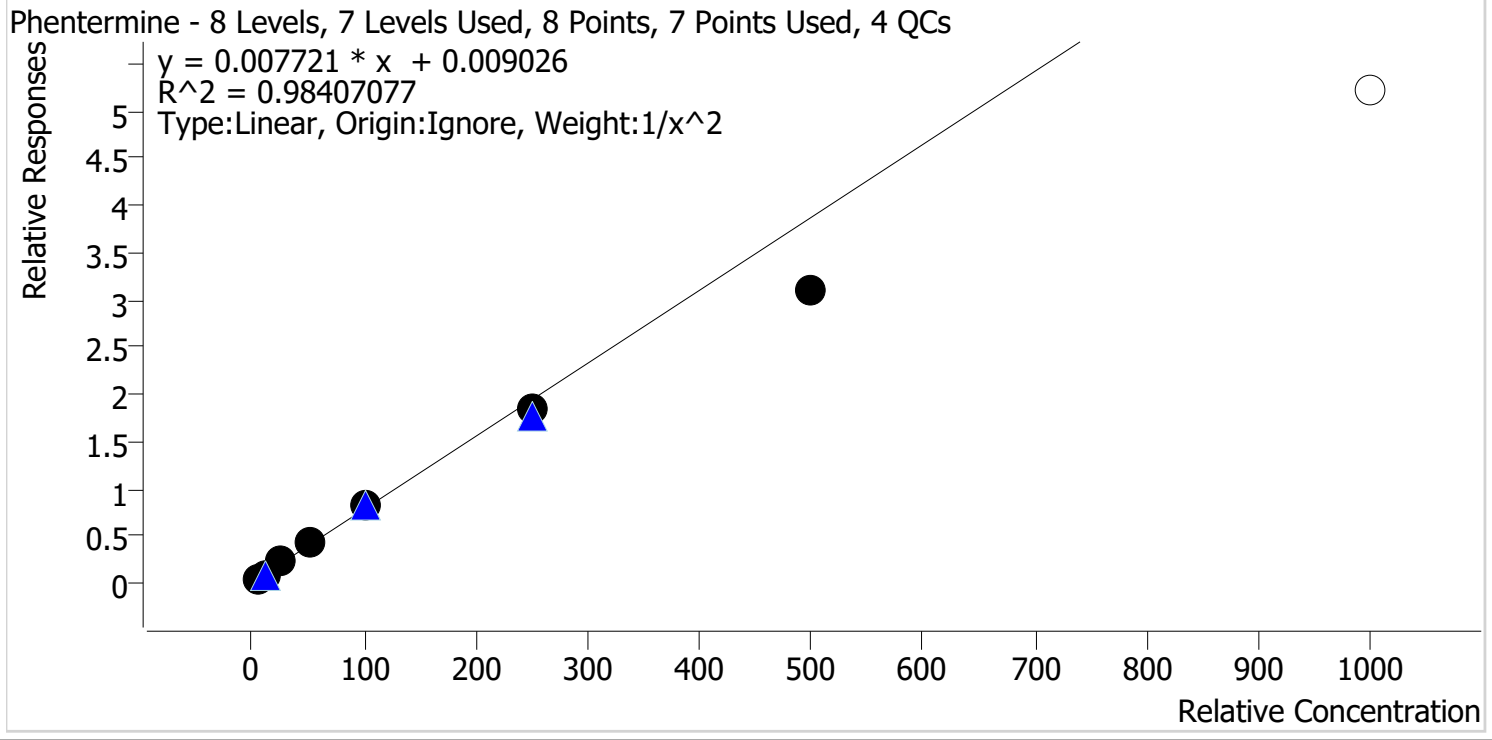


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	964.0	96.4



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 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	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	237.2	94.9
p1 Cal 7-500ng	7	✓	500.0	401.3	80.3
p1 Cal 8-1000ng	8	x	1000.0	673.6	67.4

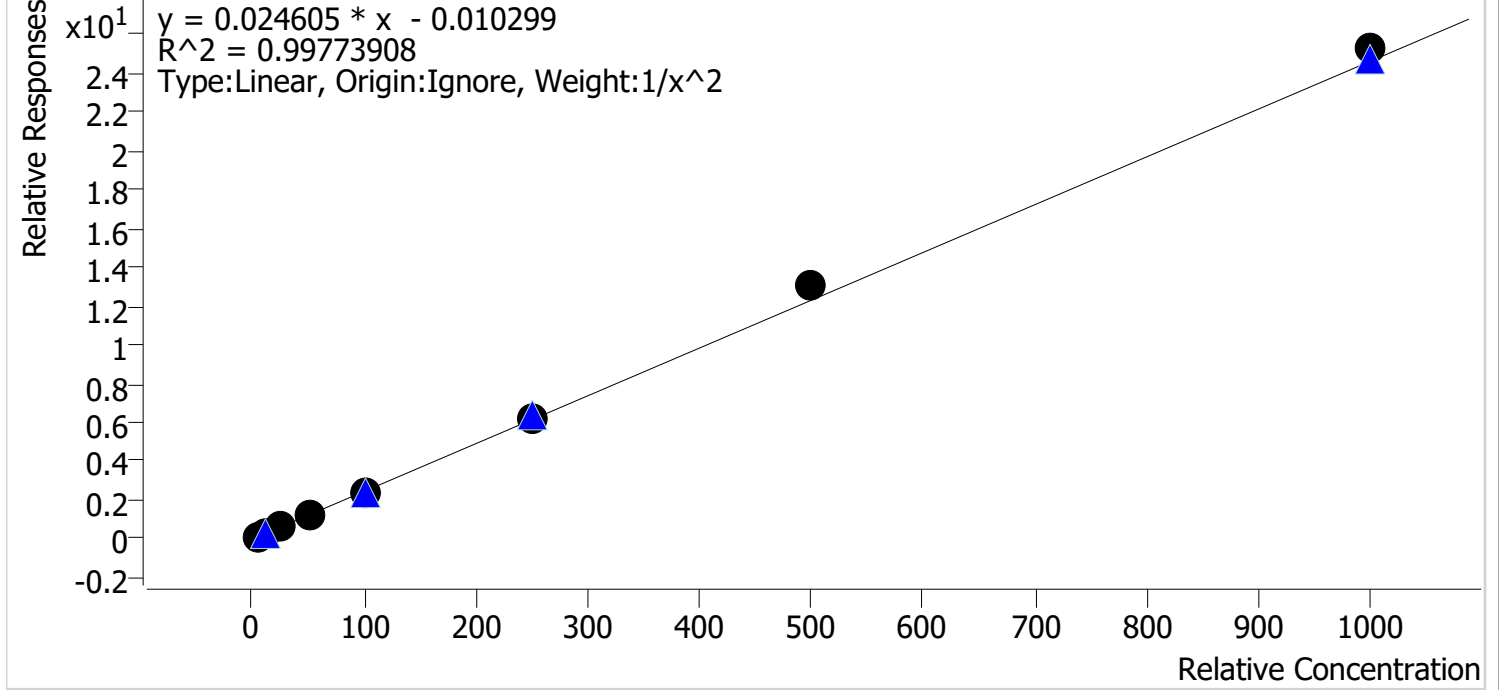




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3

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



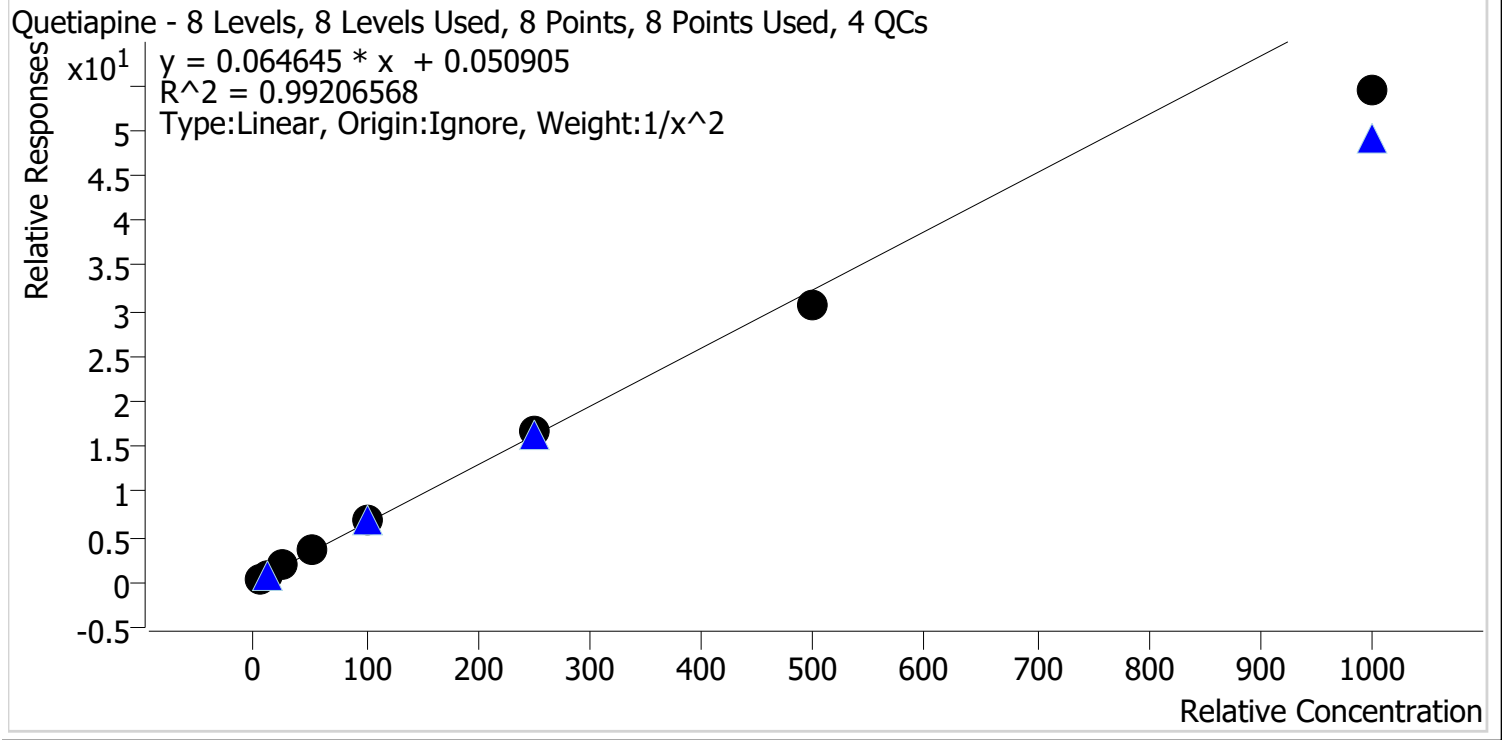
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	533.0	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1026.7	102.7

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8

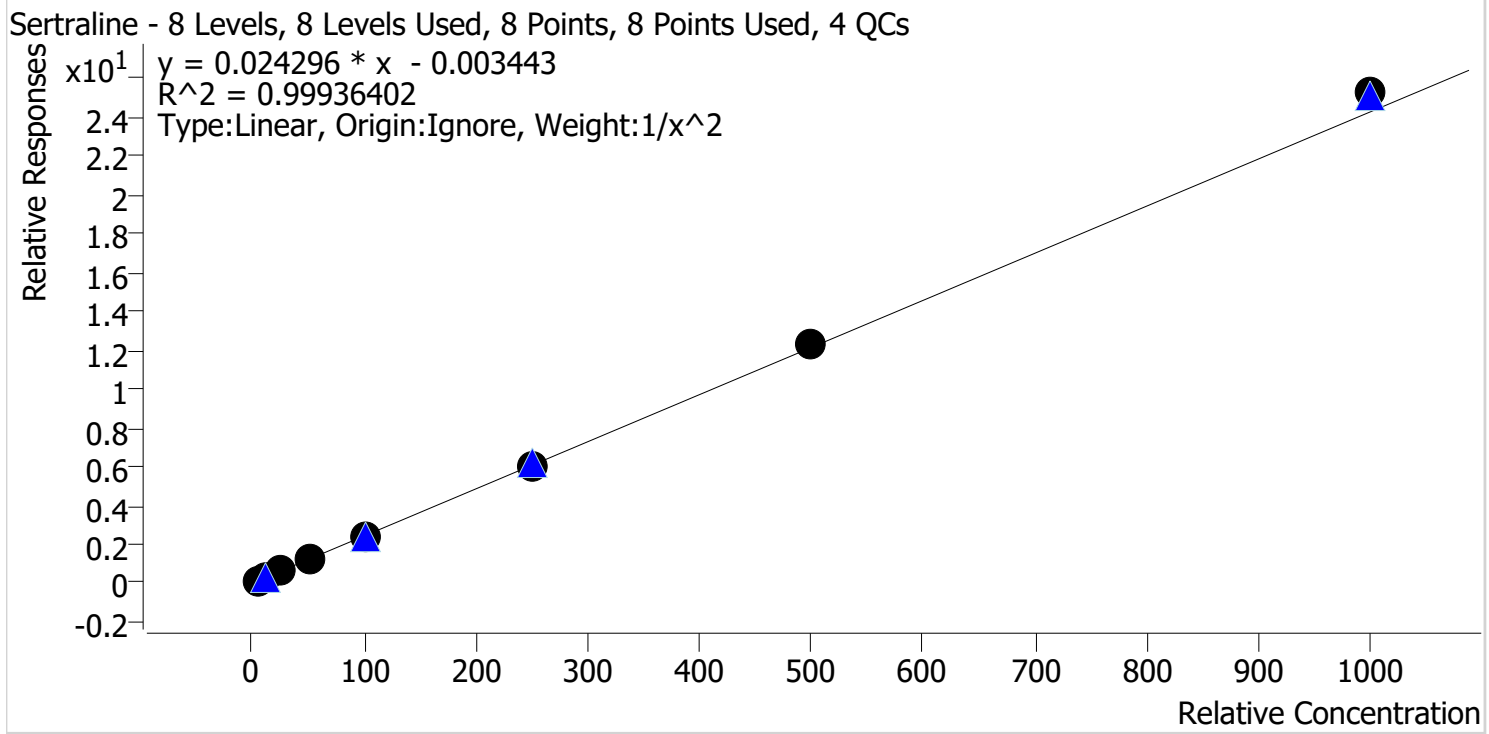


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	53.1	106.3
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	476.5	95.3
p1 Cal 8-1000ng	8	✓	1000.0	841.0	84.1



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3



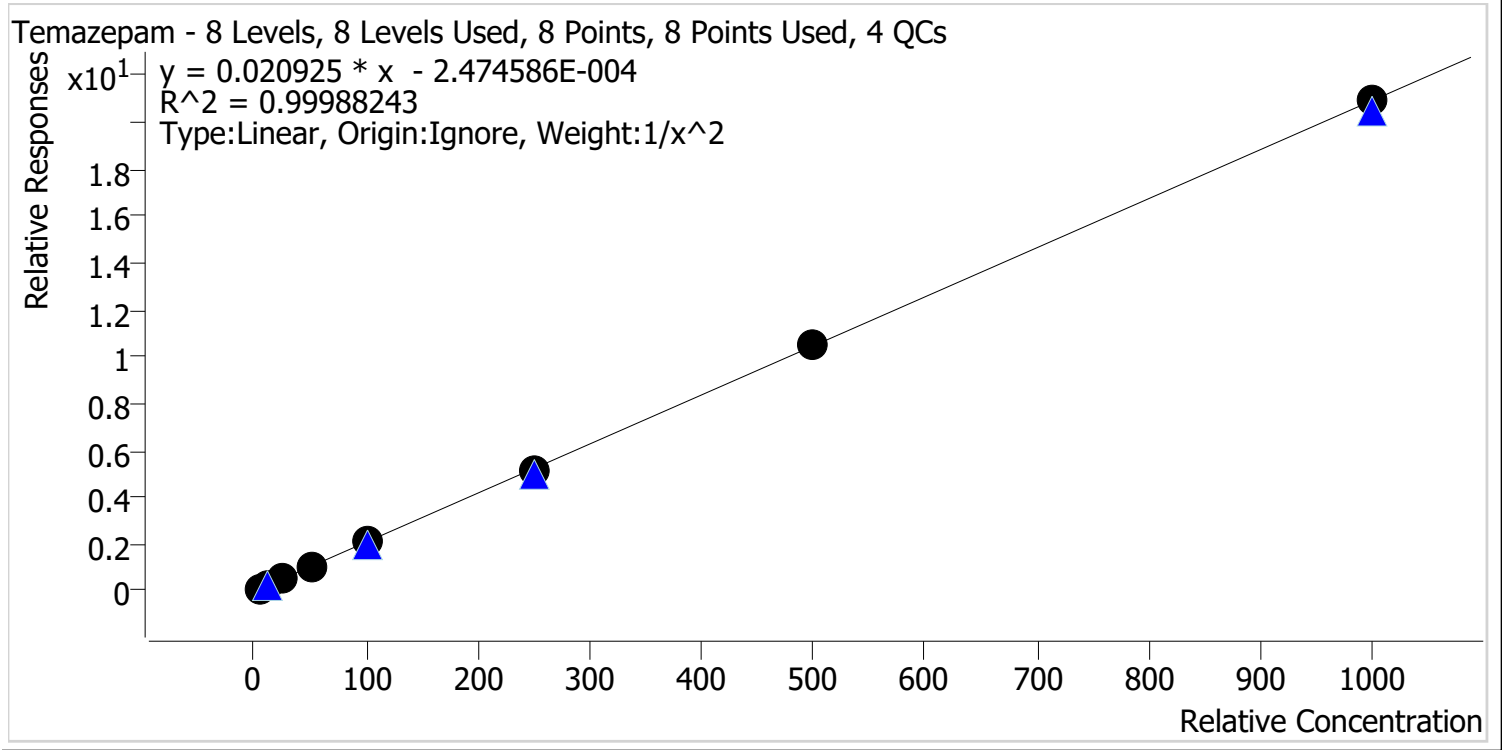
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1041.0	104.1

CS TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5

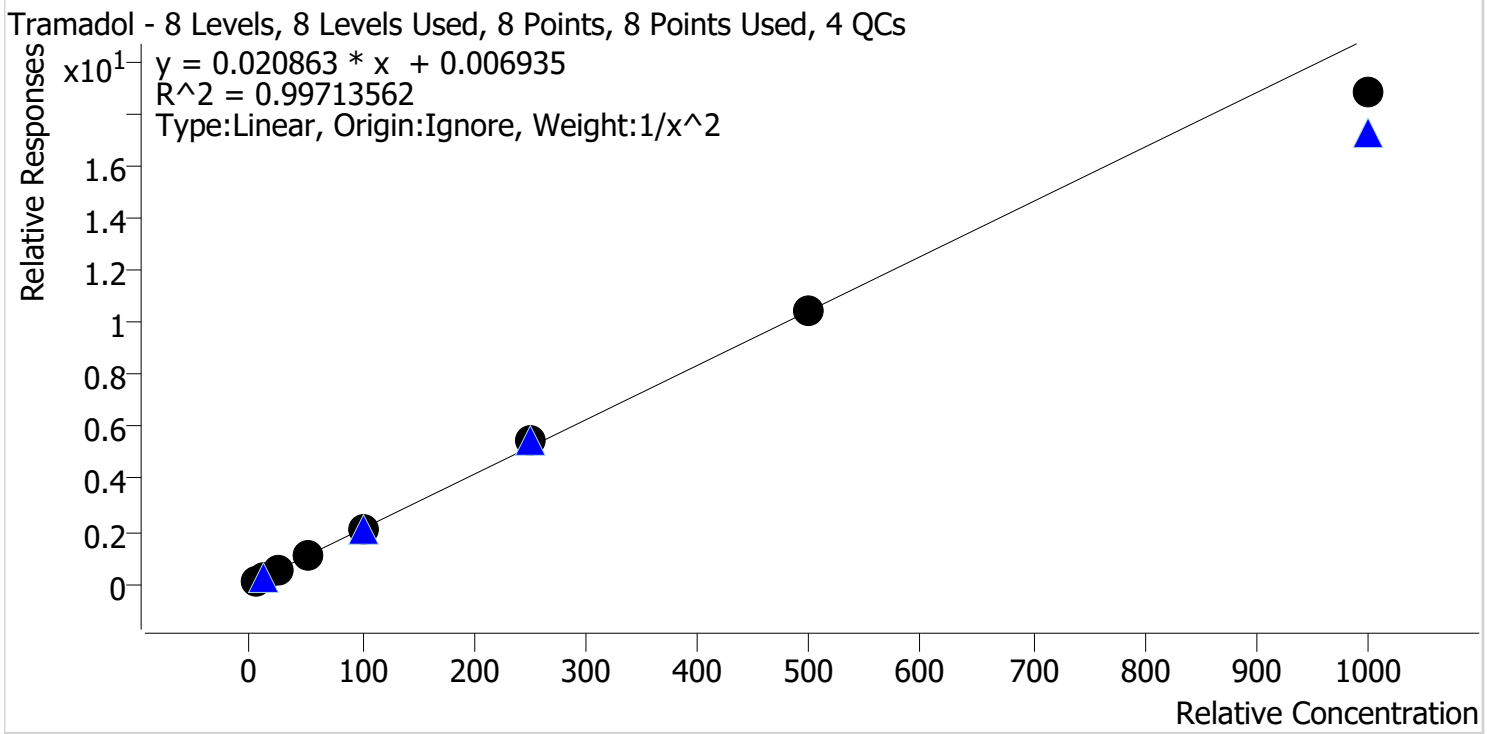


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1000.0	100.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3

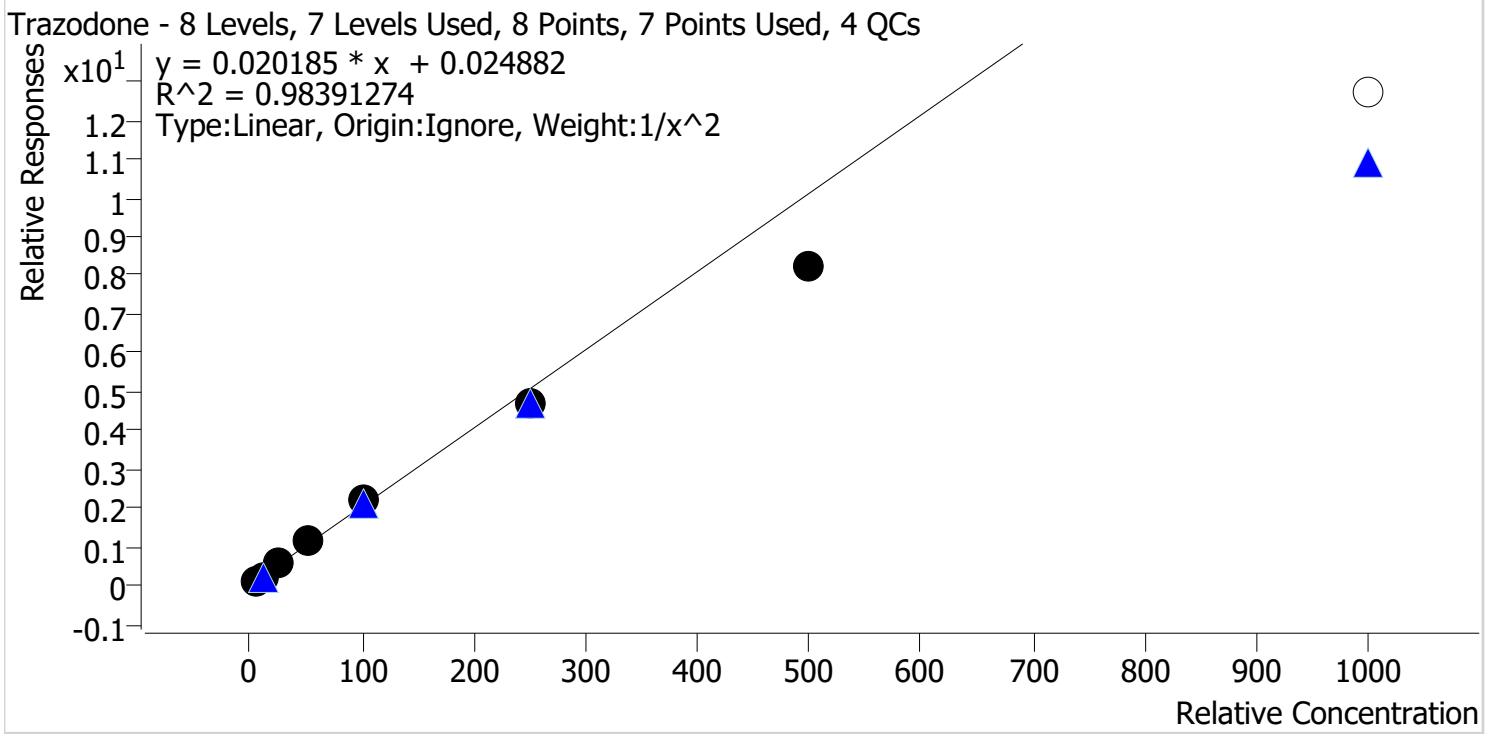


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	900.2	90.0



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6

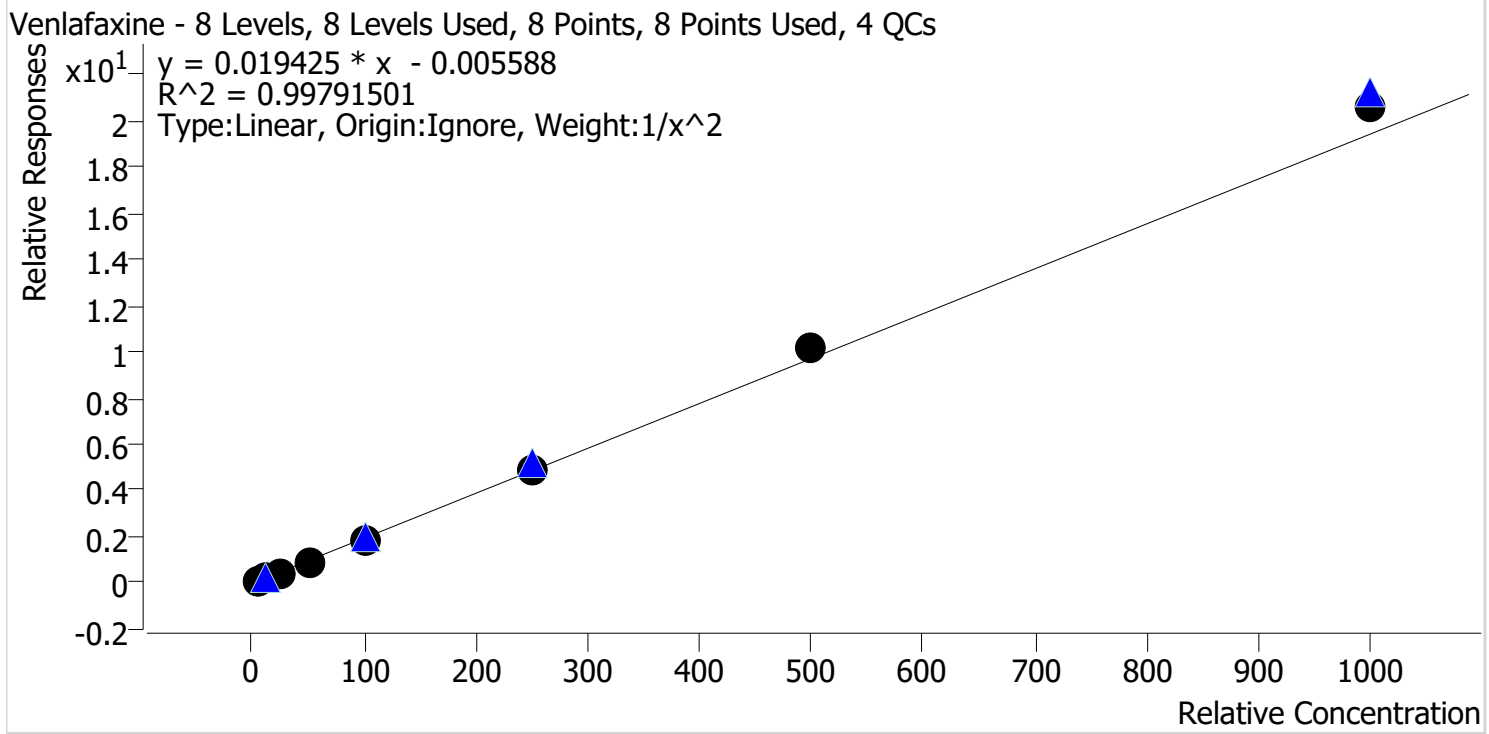


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.0
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	233.0	93.2
p1 Cal 7-500ng	7	✓	500.0	405.1	81.0
p1 Cal 8-1000ng	8	✗	1000.0	628.6	62.9



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6



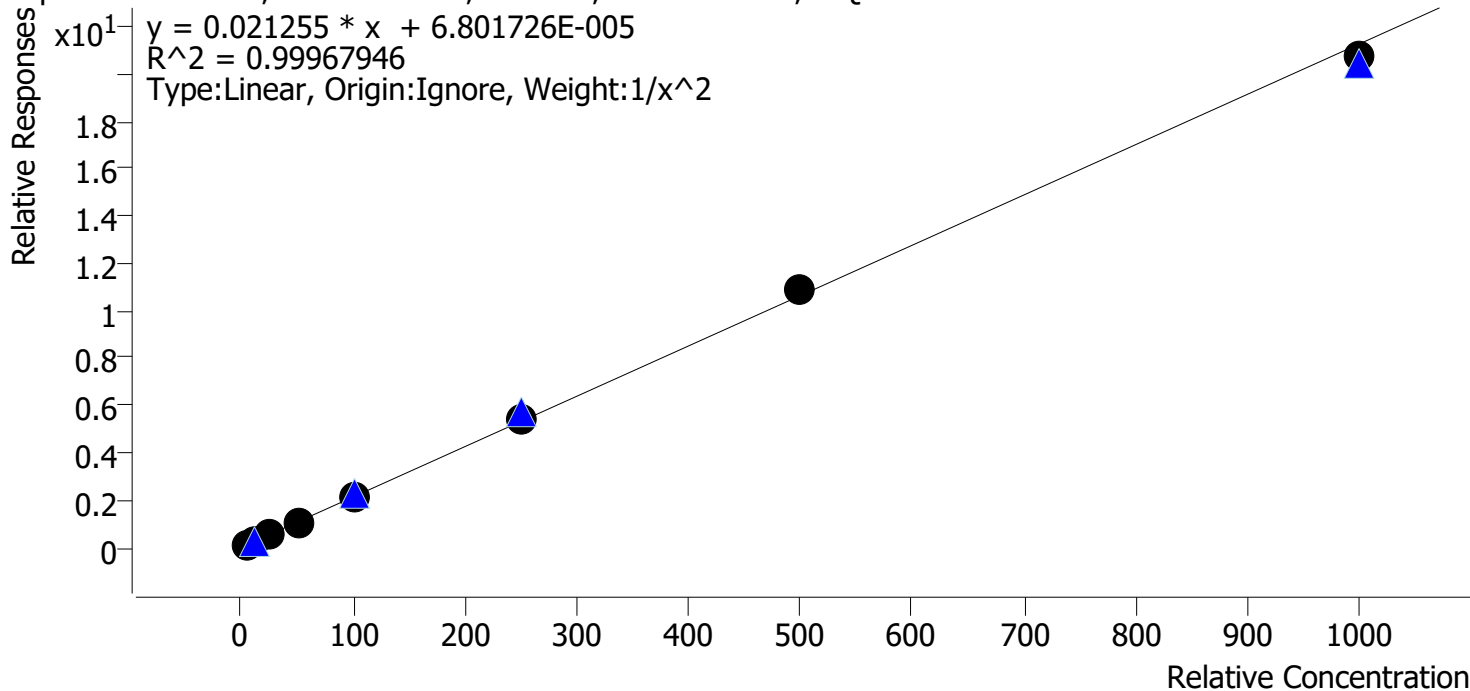
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	522.7	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1056.8	105.7



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/12/2022 8:40 AM  
**Analyst Name** ISP\datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	975.0	97.5



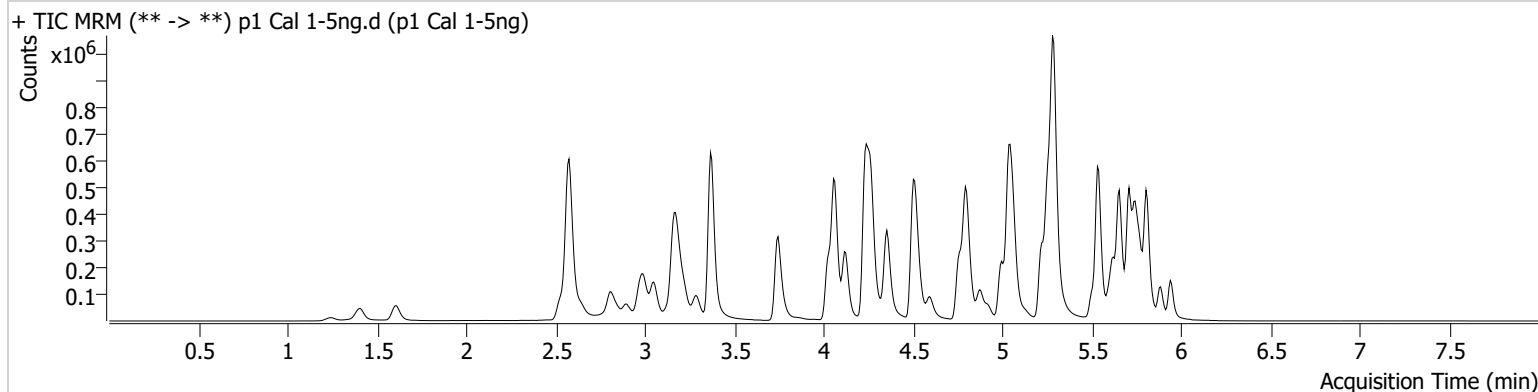


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 1-5ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 1-5ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-H12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 12:15:32 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	1394	658.84	61.4	1610.18	61632	0.5087 ng/ml
7-aminoclonazepam	4.249	21330	944.53	70.0	3054.72	148022	4.8678 ng/ml
a-hydroxyalprazolam	5.685	10913	178.11	62.6	597.89	827671	4.8364 ng/ml
alpha-PHP	4.922	25418	786.50	267.8	477.80	699906	5.0389 ng/ml
alpha-PVP	4.361	97359	4362.05	50.5	829.74	699906	5.1107 ng/ml
Alprazolam	5.769	39896	459.92	105.5	450.17	265685	5.0287 ng/ml
Amphetamine	3.051	180296	1223.36	53.0	684.54	370791	4.7765 ng/ml
Benzoylecgonine	3.877	1528	21.13	10.2	25.40	10001	5.0063 ng/ml
Buprenorphine	5.656	1405	31.70	23.4 <b>High</b>	1037.40	114337	0.4093 ng/ml
Bupropion	4.773	86159	3340.76	68.5	1372.67	584223	4.9844 ng/ml
Carisoprodol	5.717	41992	39177.32	64.5	349.45	406156	5.1520 ng/ml
Citalopram	5.218	69008	281.58	32.4	122.24	606189	5.0962 ng/ml
Clonazepam	5.598	42392	266.65	36.3	11418.37	113575	4.7987 ng/ml
Clonazepam	5.549	29838	18997.16	33.8	933.61	113575	4.8338 ng/ml
Cocaine	4.262	56408	5628.74	58.7	527.87	935794	5.0291 ng/ml
Codeine	2.580	7527	548.26	103.8	8549.75	68569	4.7007 ng/ml
Cyclobenzaprine	5.622	46575	392.57	8.5	122.81	352051	5.2076 ng/ml
Dextromethorphan	5.261	37206	2363.98	81.6	548.64	302271	5.0581 ng/ml
Dextrophan	4.123	24072	346.97	194.0	884.27	493082	5.1127 ng/ml
Diazepam	5.947	27171	228.24	89.3	3433.98	245651	4.9748 ng/ml
Dihydrocodeine	2.559	17949	88.27	68.0	1462.08	206298	4.7846 ng/ml
Diphenhydramine	5.289	157839	211.15	33.2	205.53	2081968	5.1496 ng/ml
Doxylamine	4.521	163092	714.66	98.6	11424.24	1379582	5.0616 ng/ml
EDDP	5.254	81199	217.84	41.2	599.77	854937	5.0967 ng/ml
Etizolam	5.807	20529	3101.02	29.3	4294.50	113575	5.2307 ng/ml
Fentanyl	5.075	5280	106.60	58.7	7229.35	550245	0.5185 ng/ml
Flualprazolam	5.699	14488	869.65	102.9	1868.89	265685	4.7811 ng/ml
Fluoxetine	5.707	56734	36069.07	7.8	514.90	435750	5.1122 ng/ml
Hydrocodone	3.021	28054	157.28	36.3	42.31	307810	4.8432 ng/ml
Hydromorphone	1.615	25833	43.83	78.1	106600.59	157677	5.0183 ng/ml
Ketamine	4.042	64373	663.22	33.7	131.83	556047	4.9445 ng/ml
Lamotrigine	4.272	5552	324.67	91.5	391.14	1609454	4.8552 ng/ml
Levetiracetam	2.644	27952	287.65	156.8	204.75	1609454	5.0357 ng/ml

CS TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	41123	229.34	53.0	91.22	564316	4.6806 ng/ml
MDA	3.199	107134	849.28	24.4	226.84	460402	4.7022 ng/ml
MDMA	3.292	62083	106055.60	84.8	558.98	120198	5.0807 ng/ml
Meprobamate	4.896	25955	3932.25	27.6	1297.98	237195	4.7679 ng/ml
Methadone	5.653	93163	1412.92	59.5	3704.90	757100	5.1633 ng/ml
Methamphetamine	3.220	118945	426.28	39.4	594.71	887639	4.8824 ng/ml
Metoprolol	4.324	15782	922.58	99.9	1668.56	1609454	4.9501 ng/ml
Mirtazapine	4.596	116930	2489.54	52.8	994.84	699906	5.1295 ng/ml
Mitragynine	5.202	20119	628.86	37.2	40.07	757100	5.0745 ng/ml
Morphine	1.253	4027	2185.39	29.7	1053.08	12575	4.8638 ng/ml
Norbuprenorphine	4.991	240	66.48	75.5	528.74	17342	0.4737 ng/ml
Nordiazepam	5.886	30392	620.38	54.0	237.77	194304	4.9497 ng/ml
Norfentanyl	4.084	15115	955.01	38.7	134.54	1212894	0.6422 ng/ml
Norhydrocodone	3.075	3687	31.76	40.8	41.07	69284	5.3476 ng/ml
Noroxycodone	2.918	26447	285.74	49.1	356.60	149556	5.0062 ng/ml
O-desmethyl-tramadol	3.372	141322	19078.42	6.0	132.73	1481213	5.1080 ng/ml
Oxazepam	5.750	50662	156.47	72.9	197.05	564316	4.8994 ng/ml
Oxycodone	2.836	50321	609.57	30.7	281.48	358295	4.7574 ng/ml
Oxymorphone	1.405	24351	134.79	48.0	116.67	146676	4.9107 ng/ml
Phentermine	3.780	39227	508.72	4.2	19.40	859794	4.7399 ng/ml
Promethazine	5.538	128027	326.21	29.3	1000.35	1100313	5.1474 ng/ml
Pseudoephedrine	2.583	160932	2499.03	17.0	4172.99	1609454	5.0976 ng/ml
Quetiapine	5.514	67217	1209.91	59.3	279.16	184896	4.8361 ng/ml
Sertraline	5.776	17535	98.53	93.2	1982.83	148008	5.0180 ng/ml
Temazepam	5.810	86640	310.24	26.9	76.96	827671	5.0143 ng/ml
Tramadol	4.244	148628	1021.33	3.2	94.65	1351491	4.9388 ng/ml
Trazodone	5.033	68763	456.43	82.1	121492.10	569305	4.7511 ng/ml
Venlafaxine	5.036	119291	387.87	30.4	1555.54	1264781	5.1433 ng/ml
Zolpidem	4.812	115823	7688.32	29.6	987.02	1084218	5.0228 ng/ml

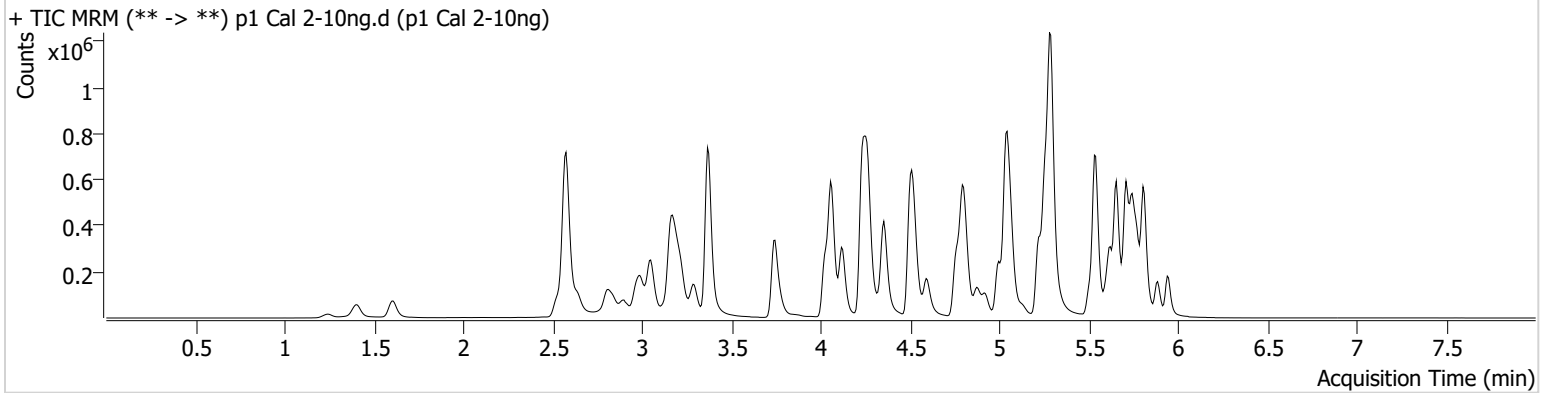


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 2-10ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 2-10ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-G12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 12:26:19 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	2769	4460.80	77.6	1714.26	64847	0.9850 ng/ml
7-aminoclonazepam	4.249	46923	2570.94	72.2	660.75	164136	10.2879 ng/ml
a-hydroxyalprazolam	5.692	21978	312.12	64.5	398.91	842849	10.3390 ng/ml
alpha-PHP	4.922	53720	1098.72	260.7	2489.70	746585	9.8545 ng/ml
alpha-PVP	4.361	200530	4931.26	50.5	2258.51	746585	9.7268 ng/ml
Alprazolam	5.769	81872	1189.65	109.8	374.47	271970	9.8669 ng/ml
Amphetamine	3.051	380461	523.01	52.0	1025.37	392405	10.5258 ng/ml
Benzoylecgonine	3.877	3382	30.75	8.6	62.62	11194	10.0895 ng/ml
Buprenorphine	5.656	3295	176.77	17.0	977.50	119847	0.9886 ng/ml
Bupropion	4.773	179386	2386.01	68.5	∞	620142	9.9745 ng/ml
Carisoprodol	5.717	86805	9217.29	62.1	133.19	421940	9.7259 ng/ml
Citalopram	5.218	141967	2960.84	33.0	32543.31	634790	9.8336 ng/ml
Clonazepam	5.605	90990	∞	35.8	657.70	119189	10.4429 ng/ml
Clonazepam	5.549	61004	822.60	35.9	29374.72	119189	10.2995 ng/ml
Cocaine	4.262	119056	284.76	56.7	54660.34	1001579	9.9975 ng/ml
Codeine	2.580	15891	39.66	99.6	440.13	70998	10.6942 ng/ml
Cyclobenzaprine	5.622	99783	37852.61	8.6	460.17	389555	9.5423 ng/ml
Dextromethorphan	5.268	76623	76982.55	83.2	3469.03	324135	9.8002 ng/ml
Dextrophan	4.123	49119	1469.65	201.4	782.54	522321	9.7305 ng/ml
Diazepam	5.947	56982	511.34	88.1	1732.20	260387	10.0776 ng/ml
Dihydrocodeine	2.559	38435	136.36	68.1	173.46	219141	10.4806 ng/ml
Diphenhydramine	5.289	325327	14036.32	33.6	1027.98	2212617	9.6377 ng/ml
Doxylamine	4.521	339997	3444.18	99.8	278304.16	1489026	9.7541 ng/ml
EDDP	5.261	167920	270.29	41.3	1258.57	898554	9.8178 ng/ml
Etizolam	5.807	44646	36128.57	25.7	25696.07	119189	9.7876 ng/ml
Fentanyl	5.075	10993	97.69	63.5	224.78	588810	0.9599 ng/ml
Flualprazolam	5.699	31130	893.54	102.2	1637.88	271970	10.5523 ng/ml
Fluoxetine	5.714	116432	6709.74	7.4	8706.62	448567	9.8463 ng/ml
Hydrocodone	3.021	57060	83.01	37.7	265.87	325819	10.1545 ng/ml
Hydromorphone	1.615	53681	1445.67	79.4	343094.50	165596	9.9367 ng/ml
Ketamine	4.035	135995	971.68	33.6	375.92	597712	10.1517 ng/ml
Lamotrigine	4.272	11465	569.92	91.6	1550.37	1693253	10.1560 ng/ml
Levetiracetam	2.644	59254	742.04	159.6	734.77	1693253	10.1429 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	79791	1590.46	50.9	109.78	562035	10.7176 ng/ml
MDA	3.199	219965	1171.33	25.5	325.08	482300	10.5787 ng/ml
MDMA	3.292	127222	2030.25	87.9	1683.41	130244	9.6763 ng/ml
Meprobamate	4.896	53978	10758.54	26.4	247.27	248229	10.5086 ng/ml
Methadone	5.653	189626	2539.68	61.0	437.44	797825	9.6618 ng/ml
Methamphetamine	3.220	246211	836.92	38.7	2316.00	963180	10.1841 ng/ml
Metoprolol	4.324	33949	126745.94	94.9	1169.83	1693253	10.1598 ng/ml
Mirtazapine	4.589	245163	10662.13	53.6	14762.32	746585	9.7730 ng/ml
Mitragynine	5.202	42128	3015.80	35.7	258.00	797825	9.8507 ng/ml
Morphine	1.247	8816	284.63	26.2	1223.31	12749	10.4130 ng/ml
Norbuprenorphine	4.991	491	552.64	92.9	309.80	16923	1.1080 ng/ml
Nordiazepam	5.886	63650	868.78	53.7	1736.82	204699	10.1681 ng/ml
Norfentanyl	4.084	31166	2822.34	38.5	358.50	1293599	1.0503 ng/ml
Norhydrocodone	3.068	7411	∞	39.8	25.43	71571	9.3196 ng/ml
Noroxycodone	2.912	53437	597.39	48.0	310.61	154739	9.9508 ng/ml
O-desmethyl-tramadol	3.372	299424	845.98	6.1	510.85	1593303	9.7622 ng/ml
Oxazepam	5.750	98844	330.86	76.0	112.78	562035	10.0917 ng/ml
Oxycodone	2.836	104594	1001.48	30.4	348.05	380476	10.3991 ng/ml
Oxymorphone	1.405	49838	∞	47.6	214.86	147915	10.1769 ng/ml
Phentermine	3.774	83982	78.27	4.0	85.59	937441	10.4337 ng/ml
Promethazine	5.538	262839	511.90	30.2	215.20	1152594	9.6865 ng/ml
Pseudoephedrine	2.583	341771	4800.02	17.2	1009.79	1693253	9.8924 ng/ml
Quetiapine	5.514	141631	212016.44	59.3	96762.12	199335	10.2036 ng/ml
Sertraline	5.776	36111	768.36	91.4	768.98	149771	10.0655 ng/ml
Temazepam	5.810	175671	716.20	26.9	120.78	842849	9.9722 ng/ml
Tramadol	4.244	314137	16466.71	3.3	83.51	1454834	10.0173 ng/ml
Trazodone	5.033	145526	23118.10	80.4	139.00	619342	10.4079 ng/ml
Venlafaxine	5.043	244123	683.40	31.0	317.09	1342068	9.6522 ng/ml
Zolpidem	4.812	243988	6713.81	29.9	1602.70	1154315	9.9415 ng/ml

CS TS

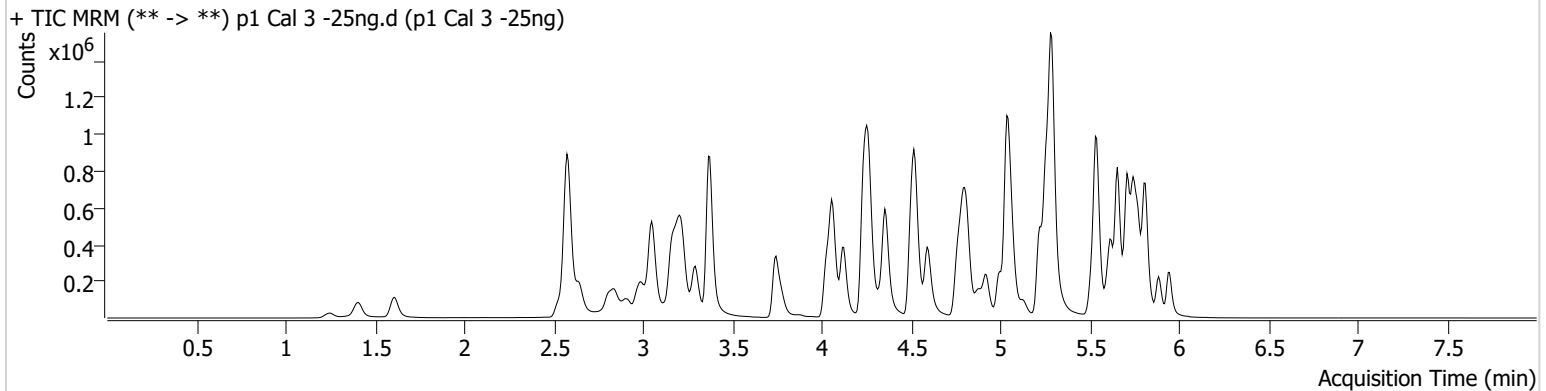


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 3 -25ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 3 -25ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-F12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 12:36:54 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	6671	10666.59	68.4	555.14	65244	2.3965 ng/ml
7-aminoclonazepam	4.249	99713	2671.59	72.7	106.37	143305	25.9597 ng/ml
a-hydroxyalprazolam	5.685	52558	1435.50	67.2	1575.08	827597	26.3170 ng/ml
alpha-PHP	4.922	135306	1472.75	257.8	3590.02	736316	24.9624 ng/ml
alpha-PVP	4.361	500321	12440.37	50.4	2977.43	736316	24.3741 ng/ml
Alprazolam	5.769	205564	957.62	104.1	595.69	264606	25.1262 ng/ml
Amphetamine	3.051	905145	648.24	51.6	1772.59	389291	26.6505 ng/ml
Benzoylecgonine	3.877	7402	∞	9.0	641.18	10366	24.1111 ng/ml
Buprenorphine	5.656	8210	311.90	15.2	64.43	121074	2.5248 ng/ml
Bupropion	4.773	447453	523.30	67.8	2549.72	618851	25.2403 ng/ml
Carisoprodol	5.717	208120	1321802.31	62.9	342.76	401456	23.7007 ng/ml
Citalopram	5.218	357211	186.57	33.2	416390.70	637130	24.3738 ng/ml
Clonazepam	5.605	219156	5283.59	34.8	254116.41	116420	26.6312 ng/ml
Clonazepam	5.549	144526	48005.83	35.2	54876.27	116420	26.3073 ng/ml
Cocaine	4.262	282582	22576.79	60.0	530.47	981276	24.3374 ng/ml
Codeine	2.580	37366	1985.32	101.4	72036.67	69572	27.1585 ng/ml
Cyclobenzaprine	5.622	242967	5586.15	8.2	679.08	374405	23.2901 ng/ml
Dextromethorphan	5.268	188024	354.75	83.2	∞	318783	24.5923 ng/ml
Dextrophan	4.123	121837	10017.59	197.4	751.10	513744	24.3447 ng/ml
Diazepam	5.947	137147	1841.20	89.8	566.71	256934	24.9273 ng/ml
Dihydrocodeine	2.559	92394	15521.07	69.2	3085.26	216000	26.7445 ng/ml
Diphenhydramine	5.289	815796	54377.13	32.8	1512.35	2180687	23.9468 ng/ml
Doxylamine	4.521	840936	4494.11	99.2	3497.10	1461678	24.5404 ng/ml
EDDP	5.254	420489	1427.49	41.8	553.03	899513	24.2318 ng/ml
Etizolam	5.807	105816	1731.79	27.3	2659.41	116420	22.3499 ng/ml
Fentanyl	5.075	27091	1195.93	63.9	32043.16	570514	2.3613 ng/ml
Flualprazolam	5.699	73405	876.87	104.4	7829.93	264606	26.2445 ng/ml
Fluoxetine	5.714	271150	928.53	7.5	3082.68	422411	23.8384 ng/ml
Hydrocodone	3.021	140923	361.60	37.3	193.44	320186	26.9132 ng/ml
Hydromorphone	1.615	131685	840663.10	77.2	529.26	161354	25.0282 ng/ml
Ketamine	4.042	321785	679.64	35.0	922.05	587416	25.0744 ng/ml
Lamotrigine	4.272	28396	1851.50	88.3	1974.00	1652114	26.7803 ng/ml
Levetiracetam	2.644	135891	2084.23	159.6	431.58	1652114	23.8356 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	182699	2163.38	52.8	260.26	544733	27.6169 ng/ml
MDA	3.199	520261	1919.55	25.3	355.72	468945	27.7668 ng/ml
MDMA	3.292	316449	3855.02	86.8	2253.13	127029	24.7958 ng/ml
Meprobamate	4.896	129741	9314.94	26.4	151.97	243907	27.2207 ng/ml
Methadone	5.653	480283	23004.53	60.0	1022.75	801932	23.8382 ng/ml
Methamphetamine	3.220	592721	4918.83	39.6	367.77	954073	26.1225 ng/ml
Metoprolol	4.324	82069	225957.43	96.3	124692.12	1652114	25.2263 ng/ml
Mirtazapine	4.589	597794	4288.68	53.5	3294.66	736316	23.6907 ng/ml
Mitragynine	5.202	106813	7477.47	36.3	1460.49	801932	24.4899 ng/ml
Morphine	1.253	21637	2023.79	26.4	217.65	12561	25.8255 ng/ml
Norbuprenorphine	4.991	1118	4102.91	93.6	1899.46	18550	2.4182 ng/ml
Nordiazepam	5.886	150725	2173.68	55.7	389.88	202690	24.7794 ng/ml
Norfentanyl	4.084	77375	∞	37.3	∞	1273982	2.3359 ng/ml
Norhydrocodone	3.068	17086	49.81	41.9	103.85	66468	21.4338 ng/ml
Noroxycodone	2.918	131124	156.99	47.5	1395.35	150922	25.3126 ng/ml
O-desmethyl-tramadol	3.372	733878	535.19	6.0	228.35	1548209	24.1543 ng/ml
Oxazepam	5.750	242651	1740.60	71.4	576.67	544733	26.3503 ng/ml
Oxycodone	2.836	254419	766.56	30.2	783.67	376483	27.2193 ng/ml
Oxymorphone	1.405	122534	∞	45.4	∞	143371	26.1284 ng/ml
Phentermine	3.780	202037	326.03	3.9	339.19	908367	27.6371 ng/ml
Promethazine	5.538	644453	422.35	29.9	1914.21	1124188	23.7167 ng/ml
Pseudoephedrine	2.583	824692	20640.71	17.0	8035.91	1652114	23.8897 ng/ml
Quetiapine	5.514	348859	165787.79	59.3	866.02	195921	26.7568 ng/ml
Sertraline	5.776	84368	21752.50	94.1	3830.62	142182	24.5650 ng/ml
Temazepam	5.810	427786	9870.25	26.9	204.70	827597	24.7138 ng/ml
Tramadol	4.244	780533	27021.72	3.4	158.59	1415947	26.0898 ng/ml
Trazodone	5.033	345221	388274.45	82.2	27546.19	600454	27.2501 ng/ml
Venlafaxine	5.036	611962	28329.10	31.2	804.13	1321789	24.1225 ng/ml
Zolpidem	4.812	599229	4106.76	29.8	178.18	1135425	24.8271 ng/ml

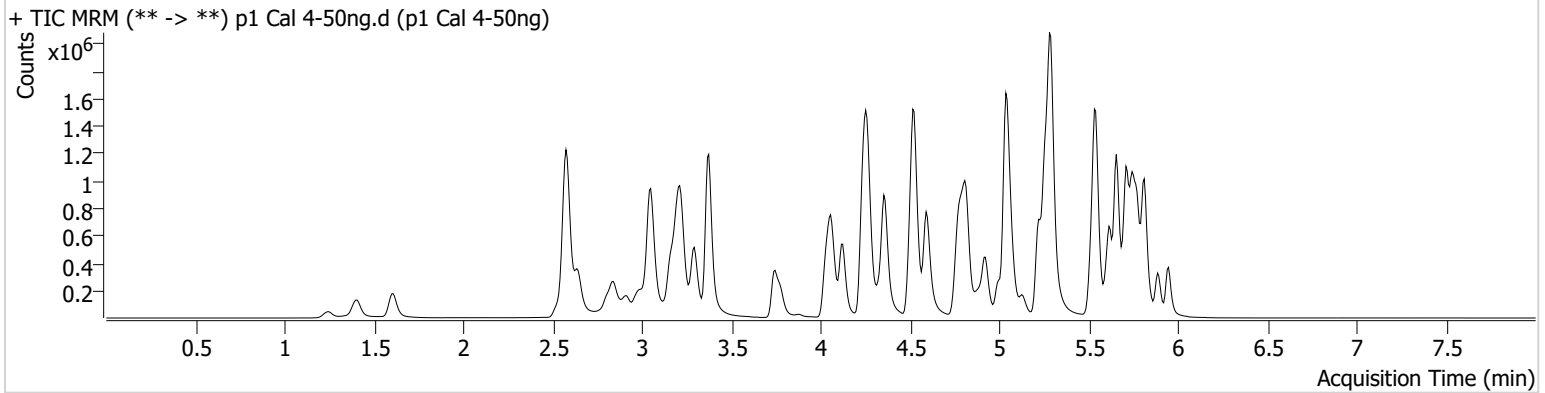


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 4-50ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 4-50ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-E12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 12:47:31 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	13551	14554.82	72.2	83.75	64982	4.9167 ng/ml
7-aminoclonazepam	4.249	214319	384.91	71.0	288.45	152845	52.9650 ng/ml
a-hydroxyalprazolam	5.685	96382	392.62	68.2	530.07	771739	52.5192 ng/ml
alpha-PHP	4.922	270045	825.84	260.4	12752.87	737491	49.6104 ng/ml
alpha-PVP	4.361	998816	4061.40	50.8	571.50	737491	48.4308 ng/ml
Alprazolam	5.769	392887	960.33	105.9	1917.41	255874	49.4537 ng/ml
Amphetamine	3.051	1804166	22854.21	49.8	2673.17	388086	54.2926 ng/ml
Benzoylcegonine	3.877	15771	6547.79	7.8	1751.27	10539	50.7358 ng/ml
Buprenorphine	5.656	16437	449.83	15.7	592.00	121441	5.0982 ng/ml
Bupropion	4.773	901186	20361.03	68.4	673.38	620528	50.9050 ng/ml
Carisoprodol	5.717	383026	430.65	63.4	5705.81	365616	47.3524 ng/ml
Citalopram	5.218	697597	31146.51	34.2	180.74	638826	47.2983 ng/ml
Clonazepam	5.605	409762	12710.12	35.6	1651.34	111852	52.3950 ng/ml
Clonazepam	5.549	279148	381111.44	35.0	173984.42	111852	53.8270 ng/ml
Cocaine	4.262	576071	30554.65	58.4	67672.54	975144	50.0130 ng/ml
Codeine	2.580	74793	165.64	97.7	3444.33	70297	54.8482 ng/ml
Cyclobenzaprine	5.622	526066	533.07	7.8	413.57	388421	47.9801 ng/ml
Dextromethorphan	5.261	376546	316.66	81.9	1334.52	309542	50.8193 ng/ml
Dextrophan	4.123	244151	310575.42	200.6	1239.15	520142	48.0598 ng/ml
Diazepam	5.947	271279	4430.21	89.8	734.35	250205	50.8802 ng/ml
Dihydrocodeine	2.552	180986	1847.22	70.8	232.67	218468	52.5674 ng/ml
Diphenhydramine	5.289	1646260	26519.10	32.8	325.88	2159381	48.4146 ng/ml
Doxylamine	4.521	1759507	47372.88	97.1	3428.04	1475020	50.8562 ng/ml
EDDP	5.254	819291	408.31	41.8	10066.11	873601	48.3953 ng/ml
Etizolam	5.807	204709	5736.87	27.0	1888.06	111852	44.0090 ng/ml
Fentanyl	5.075	56454	887.27	63.2	50993.90	592429	4.6864 ng/ml
Flualprazolam	5.699	140124	2248.01	105.5	7542.16	255874	52.2669 ng/ml
Fluoxetine	5.707	558865	34925.11	7.8	176535.93	432701	47.6129 ng/ml
Hydrocodone	3.021	275329	1086.54	38.7	191.70	320024	53.4872 ng/ml
Hydromorphone	1.608	264867	1593.34	78.5	4795.19	164356	49.4287 ng/ml
Ketamine	4.035	656207	2798.58	34.5	238.29	594822	50.9528 ng/ml
Lamotrigine	4.272	55489	1738.71	90.2	2156.52	1631078	53.6439 ng/ml
Levetiracetam	2.644	276006	3321.46	161.3	4149.30	1631078	49.0325 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	318514	7539.86	51.6	360.63	492678	54.7978 ng/ml
MDA	3.199	984285	2903.51	25.3	618.97	462367	54.5839 ng/ml
MDMA	3.292	639803	6427.18	86.0	4157.54	125825	50.6915 ng/ml
Meprobamate	4.896	242421	20070.55	27.9	214.97	237517	53.1927 ng/ml
Methadone	5.653	955709	1545.10	60.5	26284.59	805595	46.8919 ng/ml
Methamphetamine	3.220	1191709	16825.06	39.6	26786.95	974157	52.3677 ng/ml
Metoprolol	4.324	160609	375128.64	97.9	4866.76	1631078	50.0409 ng/ml
Mirtazapine	4.589	1228086	4904.96	54.2	2443.34	737491	48.2549 ng/ml
Mitragynine	5.202	213286	7815.50	35.2	114084.01	805595	48.4467 ng/ml
Morphine	1.247	43056	295.58	28.1	∞	13012	49.5353 ng/ml
Norbuprenorphine	4.991	2458	929.51	79.3	1198.10	19013	5.3106 ng/ml
Nordiazepam	5.886	292915	1058.15	54.7	717.06	191480	51.3262 ng/ml
Norfentanyl	4.084	155847	5871.03	36.5	438.81	1271471	4.5055 ng/ml
Norhydrocodone	3.068	34718	135.36	37.9	345.93	61546	45.6650 ng/ml
Noroxycodone	2.912	248383	1561.77	48.4	2236.74	145841	49.7949 ng/ml
O-desmethyl-tramadol	3.372	1487132	1112.96	6.1	3649.80	1550523	48.5577 ng/ml
Oxazepam	5.750	428086	5050.93	72.9	564.12	492678	51.8885 ng/ml
Oxycodone	2.836	513484	5941.71	31.3	2472.28	388970	54.2548 ng/ml
Oxymorphone	1.405	242160	1011.87	48.6	∞	146978	50.5592 ng/ml
Phentermine	3.780	399033	581.87	3.9	492.60	926052	54.6378 ng/ml
Promethazine	5.538	1343044	1145.62	30.3	8073.58	1140031	48.2973 ng/ml
Pseudoephedrine	2.583	1654642	23707.93	17.0	27855.71	1631078	48.1469 ng/ml
Quetiapine	5.514	700449	787.83	59.4	810817.78	200977	53.1255 ng/ml
Sertraline	5.776	177644	9232.60	93.1	576.22	150844	48.6139 ng/ml
Temazepam	5.810	807888	12342.96	26.7	5487.20	771739	50.0389 ng/ml
Tramadol	4.244	1542980	66967.21	3.4	916.24	1437427	51.1192 ng/ml
Trazodone	5.033	702343	846.97	81.7	1064.66	610014	55.8067 ng/ml
Venlafaxine	5.036	1234150	18269.68	31.1	1121.01	1323058	48.3095 ng/ml
Zolpidem	4.812	1217524	8484.29	29.4	5992.13	1153944	49.6377 ng/ml



CS TS

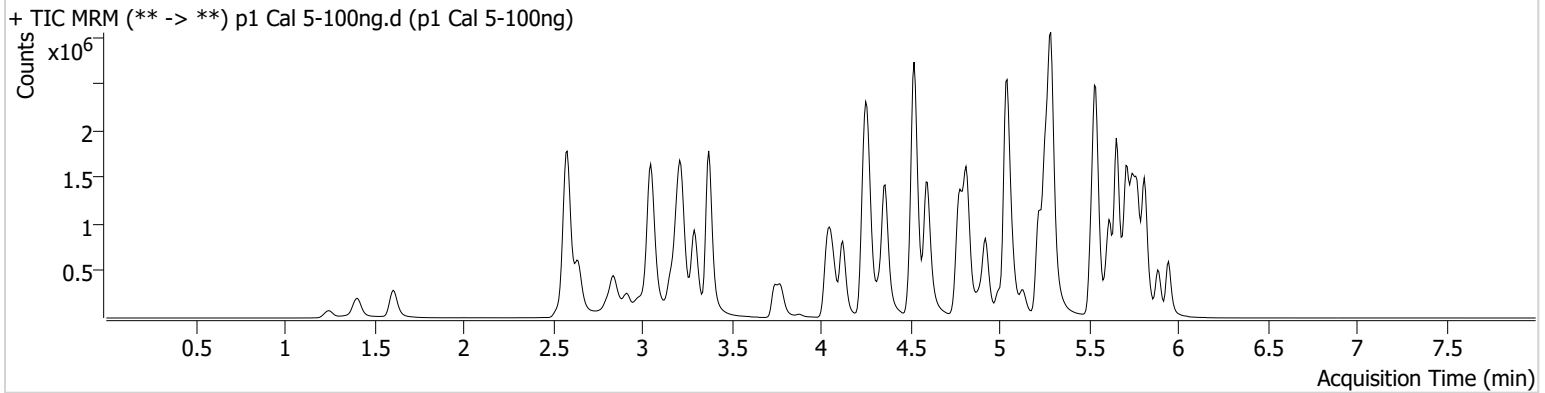


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 5-100ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 5-100ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-D12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 12:58:07 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	26570	52026.77	70.2	840.33	63319	9.9209 ng/ml
7-aminoclonazepam	4.249	380163	222.54	70.0	1706.58	142319	101.4792 ng/ml
a-hydroxyalprazolam	5.685	167611	1112.08	66.2	259.42	693144	102.4302 ng/ml
alpha-PHP	4.922	526147	30001.86	260.5	2774.38	707833	100.5738 ng/ml
alpha-PVP	4.361	1938546	33519.71	51.0	29093.65	707833	97.7797 ng/ml
Alprazolam	5.769	755621	6176.41	106.7	2997.77	241070	100.7306 ng/ml
Amphetamine	3.051	3262606	5899.00	49.5	5259.89	386644	99.3686 ng/ml
Benzoylecgonine	3.877	27655	2332.82	8.5	221.15	9340	100.5797 ng/ml
Buprenorphine	5.656	31730	1313.49	14.6	10444.95	115580	10.4013 ng/ml
Bupropion	4.773	1752979	27452.47	68.4	17595.12	608239	101.2232 ng/ml
Carisoprodol	5.717	684655	2360.39	63.5	631.11	318662	96.5555 ng/ml
Citalopram	5.225	1356987	898.13	33.5	11998.36	600750	97.6401 ng/ml
Clonazepam	5.605	753576	7709.57	35.2	1108.62	103834	104.3872 ng/ml
Clonazepam	5.549	499295	112975.25	36.2	282200.45	103834	104.5737 ng/ml
Cocaine	4.262	1085736	57134.23	59.4	41424.45	931862	98.7191 ng/ml
Codeine	2.580	130828	4439.75	101.5	4485.60	66448	102.4070 ng/ml
Cyclobenzaprine	5.622	996220	17918.63	7.9	4398.20	366145	95.8065 ng/ml
Dextromethorphan	5.268	693604	689.72	83.7	359.19	290341	99.8910 ng/ml
Dextrophan	4.123	479770	16978.24	196.3	2505.87	496938	98.7151 ng/ml
Diazepam	5.947	529722	1948.83	89.6	7419.17	248663	100.2006 ng/ml
Dihydrocodeine	2.559	348586	370.53	68.4	370.27	214942	103.6955 ng/ml
Diphenhydramine	5.289	3201011	5017.86	32.5	503.20	2075690	97.5530 ng/ml
Doxylamine	4.521	3463297	13128.41	96.8	2773.09	1450798	101.7495 ng/ml
EDDP	5.261	1566195	42106.54	41.3	32278.17	831493	96.9803 ng/ml
Etizolam	5.807	397102	6185.28	27.1	7323.19	103834	90.8932 ng/ml
Fentanyl	5.075	112072	2992.30	62.9	163243.16	563059	9.7322 ng/ml
Flualprazolam	5.699	262816	3789.76	107.9	34411.90	241070	104.5177 ng/ml
Fluoxetine	5.714	1011460	1608.63	7.8	1426.86	381750	97.3078 ng/ml
Hydrocodone	3.021	513525	209.37	38.3	1440.19	306918	104.8905 ng/ml
Hydromorphone	1.608	502337	2339.62	78.2	1594728.57	153176	100.5950 ng/ml
Ketamine	4.042	1262991	157465.16	34.3	5128.84	573282	102.2010 ng/ml
Lamotrigine	4.278	101123	14566.71	91.9	22601.64	1554462	103.1728 ng/ml
Levetiracetam	2.644	501723	4333.86	161.3	1139.68	1554462	93.5211 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	492264	11807.15	54.0	1263.57	418137	101.1724 ng/ml
MDA	3.199	1727222	2377.75	25.0	3733.24	426220	105.1895 ng/ml
MDMA	3.292	1221580	130302.85	86.5	3976.74	121630	100.1979 ng/ml
Meprobamate	4.903	431372	22357.89	27.4	4604.93	227093	99.8990 ng/ml
Methadone	5.653	1928059	508060.83	59.4	458.02	781295	97.1818 ng/ml
Methamphetamine	3.220	2300435	19760.10	38.7	28251.24	954325	104.1203 ng/ml
Metoprolol	4.324	305678	87486.98	97.9	5319.51	1554462	99.9705 ng/ml
Mirtazapine	4.596	2372261	4779.10	53.6	4482.55	707833	96.7939 ng/ml
Mitragynine	5.202	423720	239066.83	34.8	207330.86	781295	98.9923 ng/ml
Morphine	1.247	80855	2575.09	27.8	179.71	11872	101.8785 ng/ml
Norbuprenorphine	4.998	4360	4941.25	91.2	3640.14	18227	9.9164 ng/ml
Nordiazepam	5.893	553690	6218.51	54.4	649.95	183115	101.7775 ng/ml
Norfentanyl	4.084	306054	708.22	36.6	907.85	1224181	8.9766 ng/ml
Norhydrocodone	3.075	64032	487.70	39.7	291.96	53322	95.9179 ng/ml
Noroxycodone	2.918	456929	902.83	48.0	2390.10	137191	97.5549 ng/ml
O-desmethyl-tramadol	3.372	2927865	170332.61	6.1	627.10	1507074	98.0405 ng/ml
Oxazepam	5.750	726495	838.67	71.3	405.85	418137	104.2717 ng/ml
Oxycodone	2.836	979598	854.42	30.4	3621.04	379550	107.1577 ng/ml
Oxymorphone	1.405	454874	∞	47.3	∞	143125	97.7168 ng/ml
Phentermine	3.780	744768	1934.46	3.9	99.27	900767	105.9145 ng/ml
Promethazine	5.538	2646461	2608.99	29.8	6371.06	1110612	97.2625 ng/ml
Pseudoephedrine	2.583	3137055	2236.47	16.9	863.24	1554462	95.3952 ng/ml
Quetiapine	5.514	1351258	243419.19	60.7	21664.09	195472	106.1464 ng/ml
Sertraline	5.776	317182	9704.56	91.7	2417.39	133524	97.9144 ng/ml
Temazepam	5.810	1477187	10734.01	26.6	660.10	693144	101.8560 ng/ml
Tramadol	4.244	2965524	149209.77	3.4	667.05	1418190	99.8961 ng/ml
Trazodone	5.033	1333588	80457.27	82.7	70666.61	615692	106.0733 ng/ml
Venlafaxine	5.043	2374844	105605.44	30.5	791.41	1271279	96.4586 ng/ml
Zolpidem	4.819	2369900	10599.20	29.2	3690.27	1116671	99.8476 ng/ml

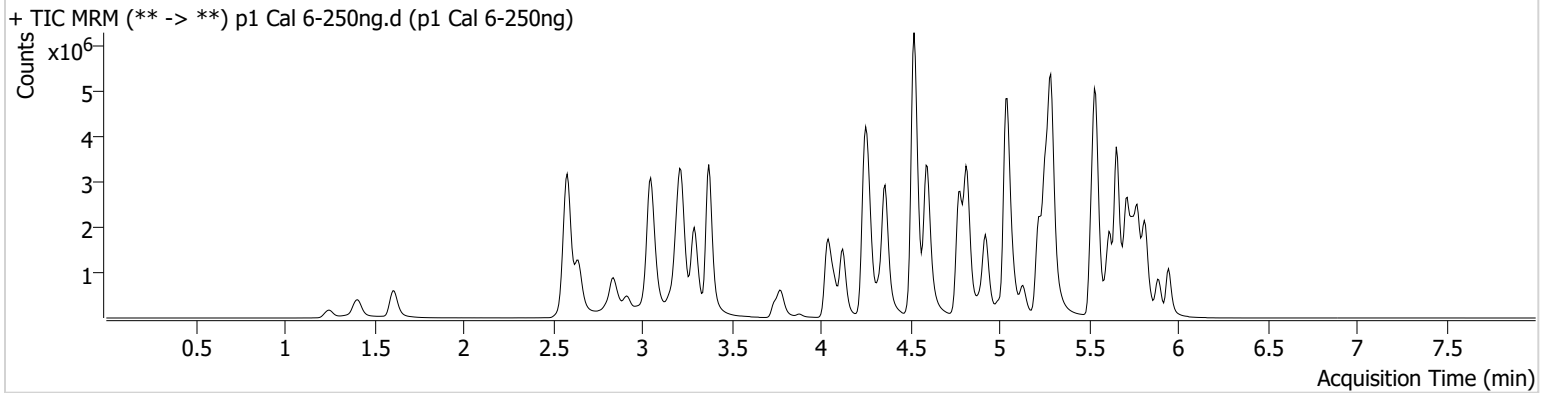


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 6-250ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 6-250ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-C12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 1:08:44 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	63987	1659.95	71.2	131117.76	61079	24.8096 ng/ml
7-aminoclonazepam	4.249	667527	∞	73.8	10218.71	114987	221.2939 ng/ml
a-hydroxyalprazolam	5.685	276352	938.80	66.6	431.62	473668	248.2562 ng/ml
alpha-PHP	4.922	1189511	21213.09	263.7	84647.98	635574	253.0278 ng/ml
alpha-PVP	4.361	4519120	178155.81	50.8	1974.91	635574	253.6152 ng/ml
Alprazolam	5.769	1521679	1789.53	104.6	2566.64	188172	259.5411 ng/ml
Amphetamine	3.051	6416541	6181.63	48.9	4547.42	358937	211.6400 ng/ml
Benzoylecgonine	3.877	67344	441.11	8.4	107.92	9443	242.5301 ng/ml
Buprenorphine	5.656	66718	7764.03	14.6	14209.26	100535	25.2272 ng/ml
Bupropion	4.773	4111712	183544.62	67.8	6566.02	569287	253.9796 ng/ml
Carisoprodol	5.717	1175056	1657801.05	61.9	5785.52	212368	247.8235 ng/ml
Citalopram	5.225	3008130	2993.28	33.5	486.58	519923	249.8059 ng/ml
Clonazepam	5.605	1306099	31638.72	35.7	19624.11	77807	242.2358 ng/ml
Clonazepam	5.549	852469	1368.40	37.6	563509.29	77807	239.4592 ng/ml
Cocaine	4.262	2387429	1581.13	58.5	1350.59	810298	249.7659 ng/ml
Codeine	2.580	253767	4696.13	100.1	10237.02	57977	228.9711 ng/ml
Cyclobenzaprine	5.622	2292217	327143.08	7.5	29524.82	317821	253.0078 ng/ml
Dextromethorphan	5.268	1442471	25062.35	81.4	2778.22	243383	247.9601 ng/ml
Dextrophan	4.123	1086368	34166.35	198.6	1723.52	437780	253.5309 ng/ml
Diazepam	5.947	1119729	6572.40	89.0	1574.69	210718	250.3039 ng/ml
Dihydrocodeine	2.552	765464	583.41	70.6	727.07	201682	243.7798 ng/ml
Diphenhydramine	5.289	7199824	655.83	31.7	1249.69	1784950	254.5583 ng/ml
Doxylamine	4.521	8533443	197898.81	96.4	20683.20	1371709	265.1238 ng/ml
EDDP	5.261	3525411	1298.70	40.5	39559.97	725355	249.8953 ng/ml
Etizolam	5.807	839711	10012.85	26.7	8430.74	77807	254.7109 ng/ml
Fentanyl	5.075	277548	378.02	61.9	18575.74	529425	25.5483 ng/ml
Flualprazolam	5.699	501075	12299.21	111.7	57101.00	188172	255.9659 ng/ml
Fluoxetine	5.714	2101537	77906.46	7.4	456904.02	309200	249.0734 ng/ml
Hydrocodone	3.021	1115518	556.29	39.5	299.81	277963	252.8726 ng/ml
Hydromorphone	1.608	1150224	4106412.40	78.5	4410.75	141048	250.1539 ng/ml
Ketamine	4.042	2936699	170550.17	33.4	6746.85	538413	253.6910 ng/ml
Lamotrigine	4.278	198615	2636.71	92.5	1726.53	1308937	241.5186 ng/ml
Levetiracetam	2.644	1092574	8758.77	163.7	22305.40	1308937	241.8506 ng/ml

CS TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	652119	1231.89	53.1	3553.80	250516	225.7458 ng/ml
MDA	3.199	3171174	9078.23	24.5	2971.05	358451	231.3195 ng/ml
MDMA	3.292	2750120	3907.51	86.7	27866.61	109127	251.5336 ng/ml
Meprobamate	4.896	780737	8704.19	27.9	540.50	195695	210.9682 ng/ml
Methadone	5.653	4489140	3087.33	58.3	77831.35	697183	253.0314 ng/ml
Methamphetamine	3.220	5259266	120624.71	37.8	2404.45	930827	245.3383 ng/ml
Metoprolol	4.324	653426	802107.06	99.6	70507.05	1308937	253.8406 ng/ml
Mirtazapine	4.596	5575287	6971.93	53.1	20874.54	635574	252.8296 ng/ml
Mitragynine	5.202	944784	64802.73	36.3	983.26	697183	247.0034 ng/ml
Morphine	1.247	190757	817.49	27.9	1708.55	11196	254.7535 ng/ml
Norbuprenorphine	4.998	10081	115.34	93.5	2003.19	16988	24.7594 ng/ml
Nordiazepam	5.893	1072154	∞	54.2	8665.54	142641	253.4940 ng/ml
Norfentanyl	4.084	721103	38601.42	36.4	15090.69	1113569	22.9249 ng/ml
Norhydrocodone	3.068	151229	942.86	39.5	182.18	43357	276.4175 ng/ml
Noroxycodone	2.918	908843	9748.15	45.9	1316.72	104584	254.8303 ng/ml
O-desmethyl-tramadol	3.372	6943962	126908.44	5.9	1033.08	1375520	254.2662 ng/ml
Oxazepam	5.750	1016991	12492.94	73.0	17153.84	250516	244.3199 ng/ml
Oxycodone	2.829	2148760	1869.04	30.7	2710.13	354820	252.9632 ng/ml
Oxymorphone	1.405	1024579	∞	48.5	∞	124181	254.0044 ng/ml
Phentermine	3.780	1571409	4085.36	3.7	845.73	853973	237.1503 ng/ml
Promethazine	5.538	6421454	136024.26	29.3	1550.05	1023192	255.4806 ng/ml
Pseudoephedrine	2.583	6912598	241545.68	16.5	92539.25	1308937	249.0046 ng/ml
Quetiapine	5.514	3081889	266062.67	61.2	1410.34	185637	256.0240 ng/ml
Sertraline	5.776	692080	712.31	93.1	93066.60	113316	251.5234 ng/ml
Temazepam	5.817	2450757	2090.60	26.8	464.04	473668	247.2700 ng/ml
Tramadol	4.244	6726794	1163.10	3.3	845.60	1225651	262.7344 ng/ml
Trazodone	5.033	2890103	49516.12	83.8	69624.07	611255	233.0050 ng/ml
Venlafaxine	5.043	5501082	5154.89	29.8	31879.31	1124845	252.0581 ng/ml
Zolpidem	4.819	5634361	4670.59	27.9	1138.48	1034800	256.1709 ng/ml

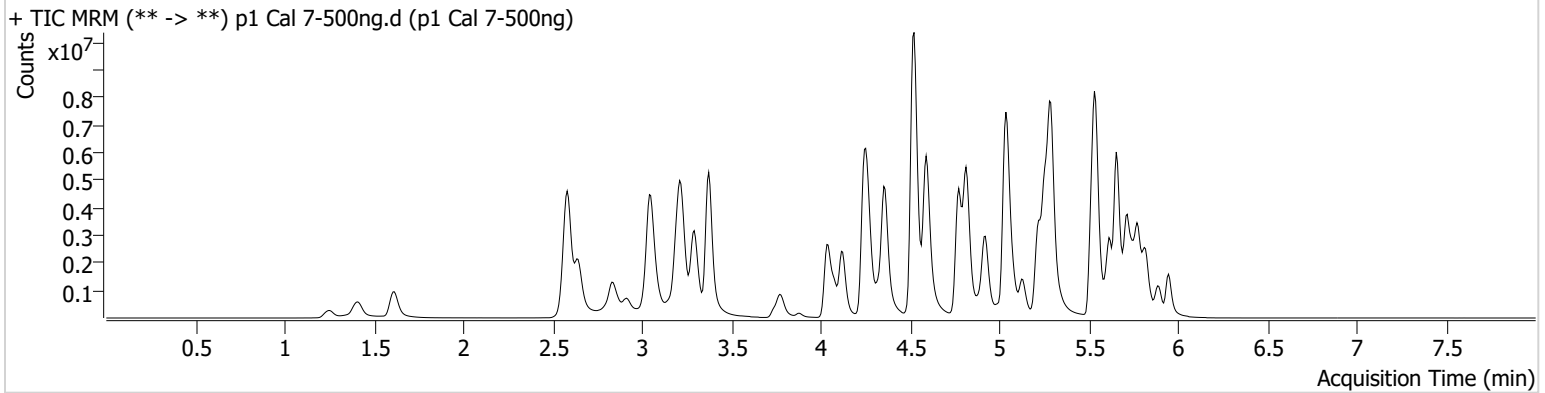


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 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>	P6-B12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 1:19:21 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	120714	1535.66	67.8	45516.76	55323	51.7030 ng/ml
7-aminoclonazepam	4.249	977435	8883.50	71.5	9461.09	99763	373.9219 ng/ml
a-hydroxyalprazolam	5.685	331862	429.66	66.2	1448.39	299659	471.9508 ng/ml
alpha-PHP	4.922	2059412	1964.09	267.8	2256.35	551232	504.9664 ng/ml
alpha-PVP	4.361	7946249	204666.58	50.3	3643.25	551232	514.0246 ng/ml
Alprazolam	5.769	2294544	1386.87	103.1	1458.84	146096	503.8764 ng/ml
Amphetamine	3.051	9816082	121796.53	48.5	2237.59	325849	357.3354 ng/ml
Benzoylecgonine	3.877	148303	480.48	8.4	6015.52	10010	504.0188 ng/ml
Buprenorphine	5.656	101731	6890.18	14.8	9881.71	79332	48.8016 ng/ml
Bupropion	4.773	7294409	3451.76	66.6	53474.08	515323	497.9555 ng/ml
Carisoprodol	5.724	1485539	1037437.71	63.2	10676.82	128432	517.4856 ng/ml
Citalopram	5.218	4990612	1324.84	33.2	958.12	415462	518.4433 ng/ml
Clonazepam	5.598	1734036	19005.47	35.1	101584.02	57587	435.0029 ng/ml
Clonazepam	5.549	1145316	19055.31	37.9	917736.23	57587	435.4425 ng/ml
Cocaine	4.262	3929620	1909.93	58.4	3710.88	657714	506.5626 ng/ml
Codeine	2.580	388824	1295.51	96.3	5981.79	47013	433.5960 ng/ml
Cyclobenzaprine	5.622	4061769	1978.34	7.5	474.00	271883	523.4569 ng/ml
Dextromethorphan	5.261	2284155	287.05	81.3	536.66	186608	512.2059 ng/ml
Dextrophan	4.123	1873923	1366.53	203.1	5659.42	377042	507.6471 ng/ml
Diazepam	5.947	1810518	4659.54	89.8	4686.85	172010	496.0351 ng/ml
Dihydrocodeine	2.552	1271581	83535.05	71.5	21813.60	189814	430.9145 ng/ml
Diphenhydramine	5.289	12009879	688.05	31.8	502.89	1450285	522.2169 ng/ml
Doxylamine	4.521	15216796	276553.00	95.3	144533.70	1251169	518.2919 ng/ml
EDDP	5.254	6117359	652.00	39.7	662.57	606906	518.0193 ng/ml
Etizolam	5.807	1339595	2204.60	27.0	21467.15	57587	547.8841 ng/ml
Fentanyl	5.075	552614	893.20	61.1	1962.35	477766	56.3057 ng/ml
Flualprazolam	5.699	732281	11197.22	110.1	2684.41	146096	482.2236 ng/ml
Fluoxetine	5.714	3600431	82639.48	7.5	7863.98	256422	514.1825 ng/ml
Hydrocodone	3.014	1871366	∞	39.6	∞	255462	462.3376 ng/ml
Hydromorphone	1.615	2002858	5842890.18	78.2	14297725.3	121096	507.3636 ng/ml
					0		
Ketamine	4.035	5169450	169415.78	33.1	13959.99	487684	493.4463 ng/ml
Lamotrigine	4.278	284414	15069.38	94.7	190800.42	1040186	435.7305 ng/ml

CS TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.644	1849564	54802.03	165.2	64454.36	1040186	515.1936 ng/ml
Lorazepam	5.740	706755	22670.61	54.4	402.13	138896	442.8829 ng/ml
MDA	3.192	4520708	3183.26	23.2	3813.71	288309	411.0834 ng/ml
MDMA	3.292	4694190	161827.26	85.7	3874.01	92547	506.3418 ng/ml
Meprobamate	4.896	1138948	42394.76	27.2	19088.51	167609	360.0717 ng/ml
Methadone	5.653	8000932	118956.92	56.8	10782.05	592941	529.8917 ng/ml
Methamphetamine	3.220	9094763	4814.62	36.7	4324.34	888709	445.1436 ng/ml
Metoprolol	4.324	1013174	7337.88	100.9	61977.15	1040186	495.3218 ng/ml
Mirtazapine	4.589	10089950	13313.83	52.2	90343.70	551232	527.2240 ng/ml
Mitragynine	5.202	1671412	4113.03	36.2	108788.89	592941	513.5400 ng/ml
Morphine	1.253	326975	4921.99	28.4	1704.95	9829	497.3388 ng/ml
Norbuprenorphine	4.991	19186	8565.16	88.6	26775.46	16686	48.0742 ng/ml
Nordiazepam	5.893	1580016	2213.18	53.5	13241.87	109183	488.3532 ng/ml
Norfentanyl	4.084	1314576	75470.02	36.6	5643.29	965932	47.9541 ng/ml
Norhydrocodone	3.068	273735	215.71	40.7	112.91	37223	581.5113 ng/ml
Noroxycodone	2.912	1339619	3559.21	48.6	4472.02	79117	496.6993 ng/ml
O-desmethyl-tramadol	3.372	12400713	136941.01	5.8	76377.13	1191091	524.0568 ng/ml
Oxazepam	5.743	1099805	6961.44	72.1	8548.60	138896	477.0334 ng/ml
Oxycodone	2.829	3485295	5601.55	30.4	1305.25	308522	472.8615 ng/ml
Oxymorphone	1.405	1739249	∞	47.2	2898.87	108574	493.3546 ng/ml
Phentermine	3.774	2442933	4212.59	3.8	140.77	786073	401.3279 ng/ml
Promethazine	5.538	11836017	4130.04	28.5	5095.42	903174	533.0216 ng/ml
Pseudoephedrine	2.583	11519345	151389.12	16.1	4012.57	1040186	521.7297 ng/ml
Quetiapine	5.507	5229487	33107.35	60.3	127357.95	169478	476.5298 ng/ml
Sertraline	5.776	1239219	641.80	93.5	74764.41	101155	504.3701 ng/ml
Temazepam	5.817	3144414	15295.74	26.5	355.40	299659	501.4729 ng/ml
Tramadol	4.244	11183680	∞	3.2	915.59	1077357	497.2325 ng/ml
Trazodone	5.026	4816867	209866.71	82.3	1225.22	587355	405.0517 ng/ml
Venlafaxine	5.036	9689448	3281.85	28.9	1077.69	954861	522.6936 ng/ml
Zolpidem	4.812	10088596	10717.40	27.2	4173.63	933173	508.6425 ng/ml

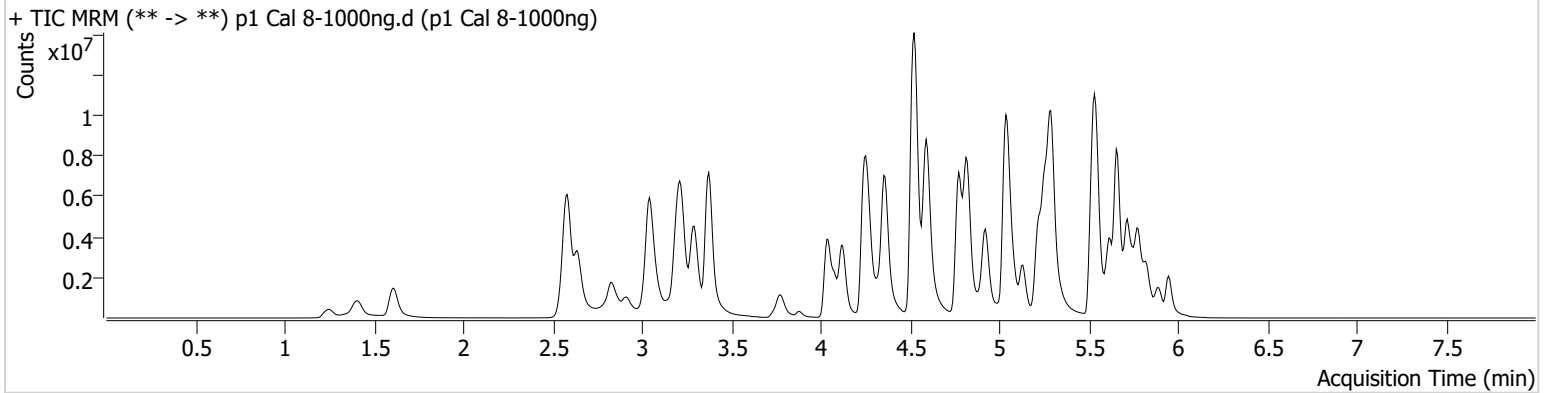


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\100322 AM 28 P1 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/12/2022 8:40:09 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 8-1000ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 8-1000ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-A12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/3/2022 1:29:57 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	211004	81389.61	68.0	2442.44	48225	103.7046 ng/ml
7-aminoclonazepam	4.249	1009584	1207.60	64.2	1749.79	70110	549.8719 ng/ml
a-hydroxyalprazolam	5.685	369812	226.02	66.0	552.96	168780	934.5168 ng/ml
alpha-PHP	4.922	3197586	2492.13	272.7	330029.96	437263	988.2753 ng/ml
alpha-PVP	4.361	12770989	380840.67	50.4	73894.50	437263	1041.2932 ng/ml
Alprazolam	5.769	3095767	1977.18	103.8	753.63	103411	960.2353 ng/ml
Amphetamine	3.044	13422428	274258.21	48.5	3977.08	286846	555.6131 ng/ml
Benzoylcegonine	3.877	288407	14070.45	8.4	700.29	9559	1026.6783 ng/ml
Buprenorphine	5.656	130235	23380.00	15.0	405.68	51846	95.6534 ng/ml
Bupropion	4.773	11641292	3012.51	67.0	1303.33	429405	953.8928 ng/ml
Carisoprodol	5.724	1677597	44991.23	62.6	863.22	67572	1110.1238 ng/ml
Citalopram	5.218	6856835	743.98	32.5	697.05	278096	1063.9699 ng/ml
Clonazepam	5.598	2008511	51158.47	34.8	36959.44	37978	764.4616 ng/ml
Clonazepam	5.556	1313477	383837.10	38.4	898393.98	37978	757.8987 ng/ml
Cocaine	4.262	5882310	4750.08	58.6	3654.29	488376	1021.2902 ng/ml
Codeine	2.573	545411	420.24	95.5	9118.46	38730	739.0447 ng/ml
Cyclobenzaprine	5.622	6166379	2373.05	7.4	17745.42	197015	1096.0445 ng/ml
Dextromethorphan	5.268	2958001	218.50	82.5	23307.39	124648	993.1190 ng/ml
Dextrophan	4.123	3005842	146763.30	205.9	142426.58	291569	1052.8554 ng/ml
Diazepam	5.947	2609664	1488.70	89.4	485.29	124597	987.2934 ng/ml
Dihydrocodeine	2.546	2005792	2592.28	71.5	16649.14	178593	722.9868 ng/ml
Diphenhydramine	5.289	17133448	327.81	32.8	321.29	1036589	1041.9558 ng/ml
Doxylamine	4.521	23019621	50731.60	96.9	94431.90	1091226	898.9641 ng/ml
EDDP	5.254	9840062	1727.03	39.4	591.14	478662	1056.2787 ng/ml
Etizolam	5.807	1900335	9155.87	26.8	1180019.33	37978	1177.3840 ng/ml
Fentanyl	5.075	986738	4320.78	61.6	51397.87	384297	124.9281 ng/ml
Flualprazolam	5.699	923944	27397.33	111.1	128937.50	103411	859.9473 ng/ml
Fluoxetine	5.714	5199436	72032.84	7.4	19223.71	174716	1089.3982 ng/ml
Hydrocodone	3.014	2997035	1007.05	41.4	1007.31	214045	884.5570 ng/ml
Hydromorphone	1.608	3310316	27622895.36	78.4	10616132.4	102401	991.6708 ng/ml
Ketamine	4.035	8304191	219535.36	32.5	47521.86	406998	950.2303 ng/ml
Lamotrigine	4.278	362768	21869.83	88.2	579.69	735777	786.2300 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.644	2822579	14527.22	168.0	46295.34	735777	1111.5026 ng/ml
Lorazepam	5.740	787865	16867.41	51.6	188.85	69342	991.0027 ng/ml
MDA	3.185	5650082	97739.74	23.8	1335.98	212845	696.9260 ng/ml
MDMA	3.292	6953436	168179.36	86.4	74284.50	70136	989.7734 ng/ml
Meprobamate	4.896	1429305	88729.31	27.1	5900.36	132113	573.8913 ng/ml
Methadone	5.653	12137990	174180.49	57.0	148106.97	446975	1066.0661 ng/ml
Methamphetamine	3.220	14052032	228701.27	36.2	10222.46	814471	751.1258 ng/ml
Metoprolol	4.324	1415590	4616.18	101.9	139965.76	735777	978.4120 ng/ml
Mirtazapine	4.589	15950635	166566.56	52.4	97242.87	437263	1050.3751 ng/ml
Mitragynine	5.202	2568129	576330.55	37.2	7274.84	446975	1046.4890 ng/ml
Morphine	1.247	542973	∞	28.0	∞	8730	929.7371 ng/ml
Norbuprenorphine	4.991	33228	9568.52	88.7	5795.23	14314	97.1653 ng/ml
Nordiazepam	5.893	1973577	701.19	54.1	7214.73	68890	967.0951 ng/ml
Norfentanyl	4.084	2283138	59484.82	36.5	7261.84	759966	105.6106 ng/ml
Norhydrocodone	3.068	475355	195.17	41.4	143.15	30158	1245.0568 ng/ml
Noroxycodone	2.912	1919822	1312.79	48.1	19125.72	55935	1007.0125 ng/ml
O-desmethyl-tramadol	3.372	19243104	∞	6.0	42129.93	950032	1019.2701 ng/ml
Oxazepam	5.743	1087229	5538.25	72.4	8214.66	69342	945.0986 ng/ml
Oxycodone	2.823	5295585	3707.32	30.5	1867.75	275429	805.5907 ng/ml
Oxymorphone	1.405	2824911	291.52	46.9	∞	90273	963.9540 ng/ml
Phentermine	3.774	3640381	544.95	3.9	233.65	698700	673.6231 ng/ml
Promethazine	5.538	17463022	∞	30.5	40286.58	691574	1026.6609 ng/ml
Pseudoephedrine	2.583	16862505	166007.06	16.0	51041.12	735777	1079.2867 ng/ml
Quetiapine	5.507	7873312	622194.20	60.8	11993.55	144681	841.0139 ng/ml
Sertraline	5.783	1836029	28815.32	92.0	1421.70	72604	1040.9887 ng/ml
Temazepam	5.824	3531766	29306.86	26.5	2318.38	168780	1000.0023 ng/ml
Tramadol	4.244	16373281	∞	3.3	407.74	871522	900.1637 ng/ml
Trazodone	5.026	6837182	69613.80	82.6	105010.85	537777	628.6226 ng/ml
Venlafaxine	5.043	15067460	47729.53	28.9	89382.20	734183	1056.8258 ng/ml
Zolpidem	4.819	15993465	8414.90	27.5	8922.89	771761	975.0008 ng/ml