

**Worklist: 6167**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-4556	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4574	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-4608	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4616	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4622	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3188	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3246	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3314	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3331	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3332	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3333	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3333	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3364	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3383	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3384	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3420	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3421	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3422	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3442	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3455	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3457	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 11/17/22

Plate lot#: IDP-121-3-POC-220802

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

Blank Blood Lot: Lampire 22B52015-2

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

Analyst: Sarah Collins

Plate Retest Date: 02/02/23

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: Pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature.
- 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.
- 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. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 19. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

## 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:

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*Curve Range Limits:*

*7-aminoclonazepam 5-250 (calibrator 7 and 8 dropped due to accuracy; reported qualitatively)*

*Amphetamine 5-250 (calibrator 7 and 8 dropped due to accuracy)*

*Chlorpheniramine 10-1000 (calibrator 1 dropped due to peak shape)*

*Clonazepam 5-250 (calibrator 7 and 8 dropped due to accuracy)*

*Codeine 5-500 (calibrator 8 dropped due to accuracy)*

*Dihydrocodeine 5-500 (calibrator 8 dropped due to accuracy)*

*DMT 5-500 (calibrator 8 dropped due to accuracy)*

*Etizolam 5-500 (calibrator 8 dropped due to accuracy)*

*Flualprazolam ~~5-500 (calibrator 8 dropped due to accuracy)~~ 5-250 (calibrator 8 dropped due to accuracy)*

*Fluorofentanyl 0.5-25 (calibrator 7 and 8 dropped due to accuracy)*

*Hydroxyzine 5-500 (calibrator 8 dropped due to accuracy)*

*Lamotrigine 5-500 (calibrator 8 dropped due to accuracy)*

*MDA 5-250 (calibrator 7 and 8 dropped due to accuracy)*

*Meprobamate 5-500 (calibrator 8 dropped due to accuracy)*

*Methamphetamine 5-500 (calibrator 8 dropped due to accuracy)*

*Metoprolol 5-500 (calibrator 8 dropped due to accuracy)*

*Norfentanyl 0.5-25 (calibrator 7 and 8 dropped due to accuracy)*

*Oxycodone 5-500 (calibrator 8 dropped due to accuracy)*

*Phentermine 5-500 (calibrator 8 dropped due to accuracy)*

*Quetiapine 5-500 (calibrator 8 dropped due to accuracy)*

*Trazodone 5-500 (calibrator 8 dropped due to accuracy)*

*Did not evaluate:*

*Chlordiazepoxide (rising ratios)*

*Olanzapine (peak shape)*

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**Idaho State Police  
Forensic Services**

**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



# Analytical plate map

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	p2022-3246-1	p2022-3331-1	urine negative							IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	p2022-3332-1	p2022-3442-1	m2022-4574-2							IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	p2022-3314-2	p2022-3384-1	p2022-3188-1							IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	p2022-3333-2	p2022-3383-1 blank	p2022-3333-1						IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2 urine	m2022-4608-2	p2022-3421-1							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	negative blood	p2022-3364-1	p2022-3422-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	m2022-4556-3	m2022-4616-2	p2022-3455-1							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	m2022-4622-2	p2022-3420-1	p2022-3457-1							IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SLE plate map

SC

	1	2	3	4	5	6	7	8	9	10	11	12
A						IS + Cal. 1	IS + QC_1	p2022-3246-1	p2022-3331-1	urine negative		
B						IS + Cal. 2	IS + QC_2	p2022-3332-1	p2022-3442-1	m2022-4574-2		
C						IS + Cal. 3	IS + QC_3	p2022-3314-2	p2022-3384-1	p2022-3188-1		
D						IS + Cal. 4	IS + QC_4	p2022-3333-2	p2022-3383-1 blank	p2022-3333-1		
E						IS + Cal. 5	IS + QC_2 urine	m2022-4608-2	p2022-3421-1			
F						IS + Cal. 6	negative blood	p2022-3364-1	p2022-3422-1			
G						IS + Cal. 7	m2022-4556-3	m2022-4616-2	p2022-3455-1			
H						IS + Cal. 8	m2022-4622-2	p2022-3420-1	p2022-3457-1			

All wells to contain 60 µl of Trapping Solution

SC

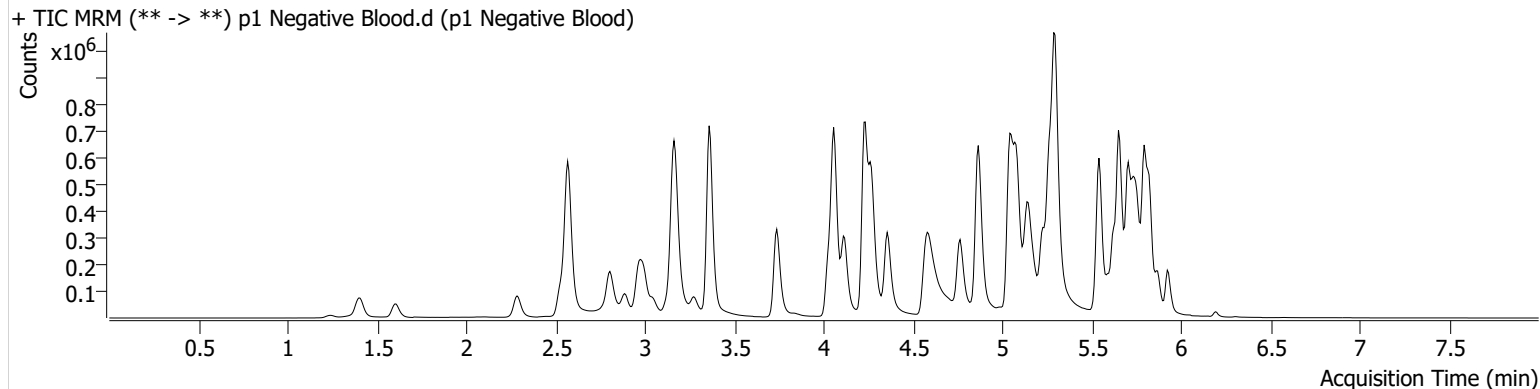


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-F7	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 10:45:13 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



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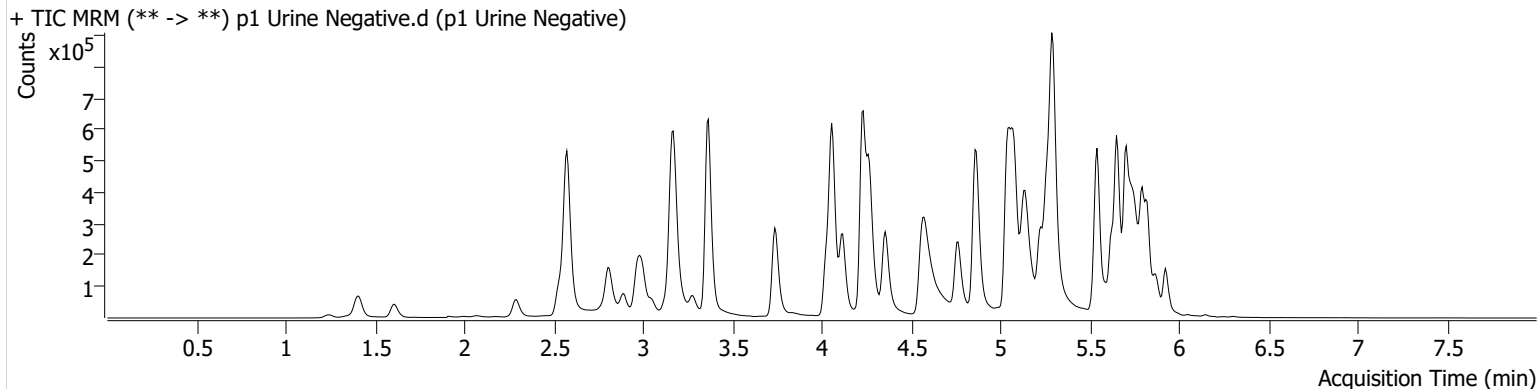


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Urine Negative.d
<b>Type</b>	Sample	<b>Sample</b>	p1 Urine Negative
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-A10	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/18/2022 3:21:31 AM		
<b>Sample Info.</b>			

## Sample Chromatogram





SC

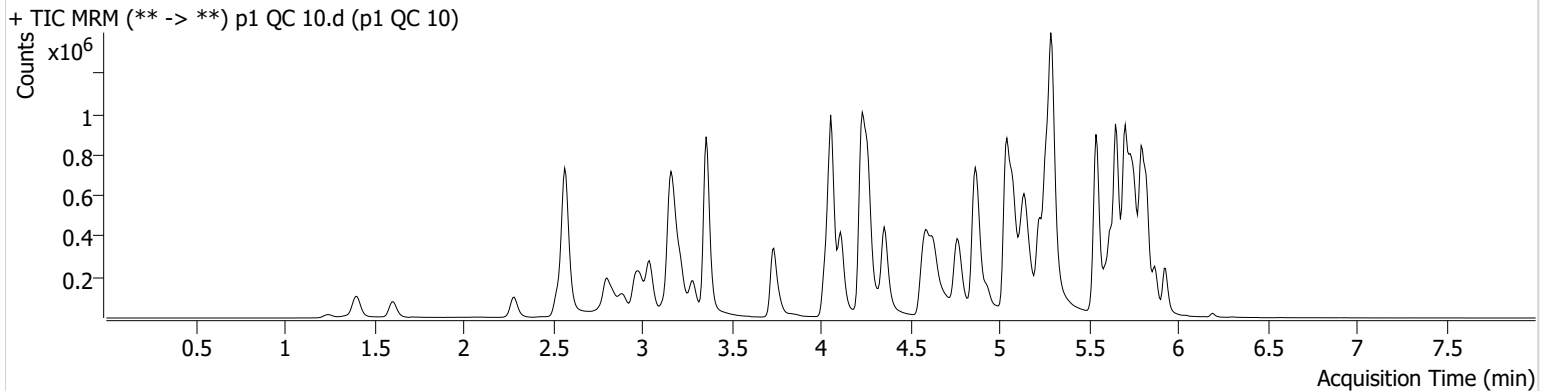


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 10.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 10
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-A7	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 9:09:32 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3439	3766.95	79.7	136.41	99336	0.9542 ng/ml
7-aminoclonazepam	4.244	39770	183.14	78.8	130.58	165865	10.5820 ng/ml
a-hydroxyalprazolam	5.681	32966	174.98	67.1	353.82	1153809	10.3038 ng/ml
alpha-PHP	4.935	58837	874.61	248.9	226.35	826096	9.9501 ng/ml
alpha-PVP	4.363	215349	2106.86	53.1	221.58	826096	9.6284 ng/ml
Alprazolam	5.758	113382	416.83	117.7	394.93	456971	10.3442 ng/ml
Amphetamine	3.043	366453	346.63	49.1	2336.14	570171	10.8865 ng/ml
Benzoylcegonine	3.864	4310	41.07	8.6	25.40	14165	10.0161 ng/ml
Buprenorphine	5.768	4055	2640.75	16.7	633.12	177702	0.9116 ng/ml
Bupropion	4.778	204956	370.08	67.7	837.50	714608	9.3696 ng/ml
Carisoprodol	5.713	130689	155.13	67.5	214.54	524652	9.7121 ng/ml
Chlordiazepoxide	5.827	68757	3459.92	116.8	254.06	812058	10.0478 ng/ml
Chlorpheniramine	5.145	361104	408.12	0.3	28.41	1601835	10.5112 ng/ml
Citalopram	5.225	180094	140.39	38.2	170.40	700772	10.1149 ng/ml
Clonazepam	5.600	132102	209.04	34.1	667.00	174376	10.7048 ng/ml
Clonazolam	5.544	107300	16698.85	36.4	51172.93	174376	10.7858 ng/ml
Cocaine	4.264	136626	4358.50	52.4	5674.14	1247446	9.8580 ng/ml
Codeine	2.580	18516	281.73	103.3	402.29	93054	10.7550 ng/ml
Cyclobenzaprine	5.624	157057	187.77	7.0	30.65	611533	9.8715 ng/ml
Dextromethorphan	5.268	105737	103.30	81.9	230.95	468253	10.1485 ng/ml
Dextrorphan	4.118	66574	11685.68	212.0	3254.44	670156	9.9794 ng/ml
Diazepam	5.930	73072	439.70	90.3	377.12	323300	10.1159 ng/ml
Dihydrocodeine	2.558	45867	2153.08	62.8	140.92	271140	10.5862 ng/ml
Diphenhydramine	5.296	467471	431.78	32.7	107.01	2249052	9.8213 ng/ml
DMT	2.852	26552	356.00	126.1	924.50	468253	9.5670 ng/ml
Doxylamine	4.599	395016	4039.58	99.3	912.32	1800384	10.0564 ng/ml
Duloxetine	5.650	11487	342.13	13.1	170.12	55500	10.2388 ng/ml
EDDP	5.261	219210	1851.87	43.0	1294.73	1009889	10.0569 ng/ml
Etizolam	5.797	64867	4317.61	25.8	971.01	174376	10.4428 ng/ml
Fentanyl	5.094	17577	283.45	69.3	15953.41	804793	1.0121 ng/ml
Flualprazolam	5.688	66488	287.95	96.0	3251.88	456971	10.7026 ng/ml
Fluorofentanyl	5.148	36140	337.07	43.2	566.04	7091	0.9576 ng/ml
Fluoxetine	5.703	156353	240.60	7.7	103.61	524341	9.6077 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	79260	626.77	34.3	122.21	379503	10.4888 ng/ml
Hydromorphone	1.615	56687	2900.15	77.4	1182.93	173295	9.7875 ng/ml
Hydroxyzine	5.700	187757	3195.26	72.2	852.11	468253	9.6904 ng/ml
Ketamine	4.043	142549	1834.85	35.8	197.91	568806	10.3310 ng/ml
Lamotrigine	4.267	15196	450.80	80.5	102.97	1679534	10.3738 ng/ml
Lorazepam	5.729	102288	239.88	50.2	115.70	605197	11.2550 ng/ml
MDA	3.191	277252	369.48	35.8	110.94	836131	10.7960 ng/ml
MDMA	3.285	138369	1918.09	110.6	1368.92	149113	10.2872 ng/ml
Meprobamate	4.888	108249	4232.21	28.7	393.28	465960	10.7790 ng/ml
Methadone	5.655	344787	499.23	47.3	506.16	1292124	10.0931 ng/ml
Methamphetamine	3.219	347124	4338.25	36.3	419.97	1347071	10.1212 ng/ml
Metoprolol	4.320	44165	1573.00	103.6	526.26	1776405	10.3539 ng/ml
Mirtazapine	4.634	292561	991.39	52.2	374.90	826096	9.7540 ng/ml
Mitragynine	5.222	66507	831.44	38.8	644.91	1292124	9.3733 ng/ml
Morphine	1.253	7637	1329.02	62.0	220.76	10392	10.5704 ng/ml
Norbuprenorphine	4.990	833	2426.28	82.0	707.92	28895	1.1105 ng/ml
Nordiazepam	5.877	89335	563.29	57.2	260.15	259378	10.6554 ng/ml
Norfentanyl	4.078	35249	40.52	39.7	14.84	1349074	0.9552 ng/ml
Norhydrocodone	3.067	15860	214.17	36.5	46.21	106378	9.8365 ng/ml
Noroxycodone	2.904	81456	490.66	45.2	1458.80	255132	10.5121 ng/ml
O-desmethyl-tramadol	3.366	352657	4063.88	5.5	540.30	1862738	10.0473 ng/ml
o-desmethylvenlafaxine	4.063	491299	8074.23	18.1	349.44	384170	10.0971 ng/ml
Olanzapine	4.781	47010	34.72	40.3 <b>Low</b>	68.58	86147	3.8637 ng/ml
Oxazepam	5.739	140747	208.80	72.8	100.81	605197	10.0351 ng/ml
Oxycodone	2.828	157766	2854.40	27.5	452.57	611540	9.8557 ng/ml
Oxymorphone	1.405	83968	329.58	41.9	1152.27	277443	10.1591 ng/ml
Phentermine	3.774	92391	601.42	7.0	140.34	936887	10.8620 ng/ml
Promethazine	5.540	282112	348.40	32.0	186.53	1157039	10.2226 ng/ml
Pseudoephedrine	2.576	354342	281.18	19.4	1364.51	1679534	9.7123 ng/ml
Quetiapine	5.543	203231	1669.50	59.8	1410.48	295603	11.2703 ng/ml
Sertraline	5.772	39418	91.60	109.8	325.19	177353	9.6621 ng/ml
Temazepam	5.800	265806	2900.57	25.0	433.16	1153809	10.3586 ng/ml
Tramadol	4.239	357964	1135.26	3.3	206.91	1776405	10.4216 ng/ml
Trazodone	5.114	228947	1625.31	65.7	5582.45	755062	10.4938 ng/ml
Venlafaxine	5.042	331621	289.17	34.4	2927.36	1682799	9.4902 ng/ml
Zolpidem	4.877	334125	1855.99	28.1	1119.24	1240690	10.4527 ng/ml

SC

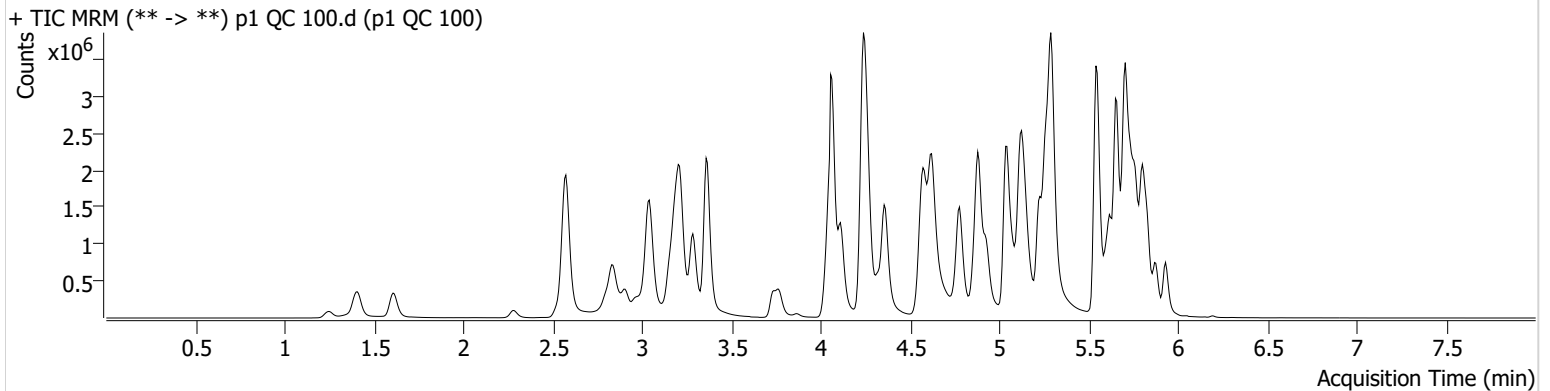


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 100.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 100
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-B7	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 9:30:47 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	33859	73813.73	77.3	167067.59	99156	9.7700 ng/ml
7-aminoclonazepam	4.244	342767	222.50	78.8	243.72	155880	102.3312 ng/ml
a-hydroxyalprazolam	5.681	220691	739.33	63.7	788.97	819657	105.4174 ng/ml
alpha-PHP	4.928	563655	747.05	247.8	43480.13	768918	102.8485 ng/ml
alpha-PVP	4.363	2044029	109808.44	52.7	976.14	768918	96.0901 ng/ml
Alprazolam	5.758	939647	3902.99	115.8	1621.97	368730	105.2911 ng/ml
Amphetamine	3.043	3039611	65571.80	46.7	22045.82	554319	100.7744 ng/ml
Benzoylcegonine	3.864	41392	10908.54	8.8	295.07	14450	99.7271 ng/ml
Buprenorphine	5.768	42200	228.47	15.9	6156.51	170982	10.5392 ng/ml
Bupropion	4.778	2013492	50501.89	65.4	6899.84	692857	96.1528 ng/ml
Carisoprodol	5.713	868433	734.37	66.9	298.54	333015	95.2622 ng/ml
Chlordiazepoxide	5.827	530828	1924.11	123.9	2544.47	766994	101.4966 ng/ml
Chlorpheniramine	5.131	3573878	1703.61	0.3	31.73	1549338	98.5185 ng/ml
Citalopram	5.225	1666966	74321.02	37.3	436.03	612091	103.0900 ng/ml
Clonazepam	5.600	1016802	872.94	34.4	14448.37	139302	110.0249 ng/ml
Clonazolam	5.544	774082	25338.24	37.5	440685.80	139302	104.1921 ng/ml
Cocaine	4.257	1278066	87121.20	56.1	613.95	1152662	99.1078 ng/ml
Codeine	2.580	154039	5060.46	91.1	18669.79	83048	107.5318 ng/ml
Cyclobenzaprine	5.624	1501618	38766.35	6.8	112.44	560202	98.8880 ng/ml
Dextromethorphan	5.268	937170	96961.74	79.6	2425.49	409617	102.8797 ng/ml
Dextrorphan	4.111	630954	1337.70	212.3	1518.31	627454	100.2972 ng/ml
Diazepam	5.930	621953	18660.67	88.1	13031.82	276516	101.4141 ng/ml
Dihydrocodeine	2.552	425705	3926.35	62.4	209.26	270540	106.4840 ng/ml
Diphenhydramine	5.296	4394020	78341.68	32.5	208.26	2013235	98.7649 ng/ml
DMT	2.845	249564	652.05	135.5	24466.23	409617	94.2429 ng/ml
Doxylamine	4.572	4115034	674.45	95.4	1908.11	1792900	100.9790 ng/ml
Duloxetine	5.650	102643	3886.28	14.4	675.24	51813	99.4295 ng/ml
EDDP	5.261	2076315	58852.01	43.3	432.44	972581	97.4699 ng/ml
Etizolam	5.797	549350	1421.63	26.1	211242.89	139302	91.8843 ng/ml
Fentanyl	5.094	172722	407.53	68.4	78621.60	789141	10.4364 ng/ml
Flualprazolam	5.688	493978	8456.77	97.3	892.61	368730	105.5485 ng/ml
Fluorofentanyl	5.148	349287	∞	43.1	1732.17	6489	10.1156 ng/ml
Fluoxetine	5.703	1290598	1341.32	7.6	236.58	414996	93.5274 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	672468	5840.61	35.8	1379.18	355795	104.5862 ng/ml
Hydromorphone	1.609	574381	2359029.79	75.1	29887.54	167811	101.7779 ng/ml
Hydroxyzine	5.693	1690704	22891.19	77.2	29942.88	409617	94.4683 ng/ml
Ketamine	4.036	1310038	141088.94	35.8	5271.41	537356	109.8549 ng/ml
Lamotrigine	4.267	125131	5917.44	82.2	5848.04	1491245	104.5114 ng/ml
Lorazepam	5.729	522990	4371.68	52.5	1275.47	396999	97.3792 ng/ml
MDA	3.191	2028823	1770.44	35.6	304.13	707112	99.4579 ng/ml
MDMA	3.285	1287545	3575.62	112.2	576.04	140945	101.4773 ng/ml
Meprobamate	4.894	783344	2003.63	28.7	408.56	383107	106.3725 ng/ml
Methadone	5.655	3199221	77335.41	48.6	1323.90	1189011	98.6959 ng/ml
Methamphetamine	3.212	3254318	3283.39	35.2	1266.10	1320212	104.2201 ng/ml
Metoprolol	4.320	400926	10858.99	106.1	1533.64	1700858	101.8328 ng/ml
Mirtazapine	4.620	2772780	6002.11	51.9	2005.79	768918	98.0013 ng/ml
Mitragynine	5.222	622031	924.58	35.6	206763.99	1189011	98.8026 ng/ml
Morphine	1.247	76730	526.36	61.5	489.81	10465	104.1908 ng/ml
Norbuprenorphine	4.990	6607	148.62	99.2	7255.64	29322	9.5235 ng/ml
Nordiazepam	5.877	701256	6745.77	58.4	55272.08	210573	105.5261 ng/ml
Norfentanyl	4.078	326149	972.31	38.2	2302.33	1146446	9.9638 ng/ml
Norhydrocodone	3.060	118378	236.23	40.4	259.28	73393	96.4880 ng/ml
Noroxycodone	2.904	667086	3330.28	43.7	9441.76	217917	100.3249 ng/ml
O-desmethyl-tramadol	3.366	3494520	1505.81	5.7	16306.14	1782225	100.7385 ng/ml
o-desmethylvenlafaxine	4.063	4701885	116717.17	17.9	3161.31	354263	98.9413 ng/ml
Olanzapine	4.618	584683	122.46	50.1	2767.54	140786	16.1362 ng/ml
Oxazepam	5.739	901589	431.36	70.5	3363.84	396999	103.2767 ng/ml
Oxycodone	2.828	1485890	1908.55	27.5	1533.37	603841	99.6543 ng/ml
Oxymorphone	1.405	768896	∞	43.8	4006.19	254317	104.2292 ng/ml
Phentermine	3.767	812250	∞	6.9	1843.66	912414	106.6743 ng/ml
Promethazine	5.540	2697499	1183.28	32.0	2411.56	1075302	101.1282 ng/ml
Pseudoephedrine	2.576	3305661	1856.22	18.7	3151.97	1491245	96.4267 ng/ml
Quetiapine	5.543	1751795	54480.70	61.2	29324.51	291334	106.7133 ng/ml
Sertraline	5.772	368917	1217.80	103.0	2134.05	162524	96.9393 ng/ml
Temazepam	5.800	1892562	6878.27	26.0	13458.22	819657	107.2866 ng/ml
Tramadol	4.239	3211788	∞	3.5	∞	1700858	101.9316 ng/ml
Trazodone	5.114	2024702	184268.61	69.7	554.82	737668	101.9617 ng/ml
Venlafaxine	5.035	3266360	1660.12	32.9	899.00	1582981	94.2398 ng/ml
Zolpidem	4.877	3230290	2502.88	27.7	2048.34	1242518	104.6170 ng/ml

SC

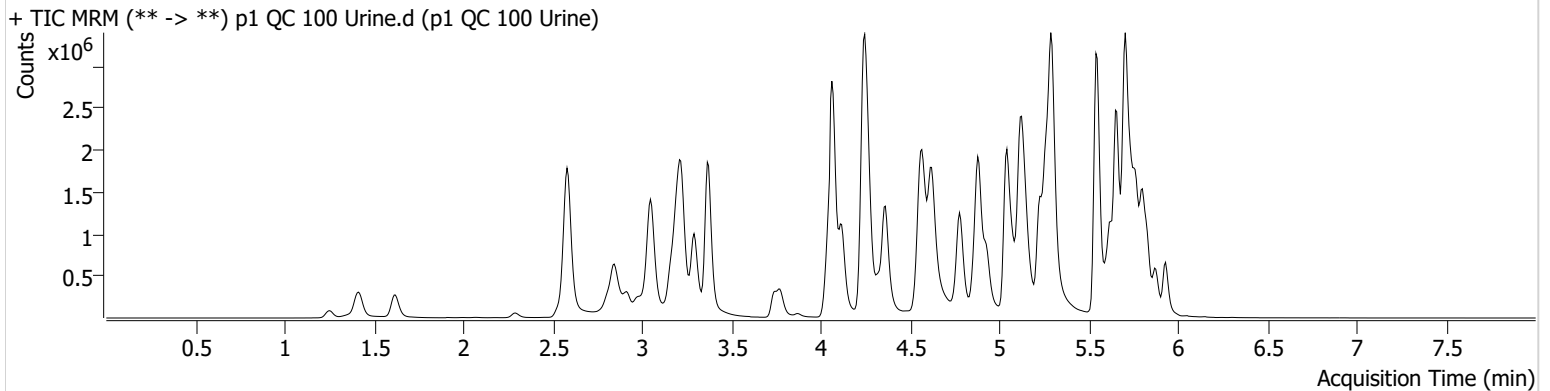


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 AM

**Instrument** Falco (069901) **Data File** p1 QC 100 Urine.d  
**Type** QC **Sample** p1 QC 100 Urine  
**Acq. Method** AM 28 MDQ P1.m **Operator** Sarah Collins  
**Sample Position** P2-E7 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 11/18/2022 4:46:42 AM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	30043	84778.00	73.4	1239.57	84821	10.1353 ng/ml
7-aminoclonazepam	4.244	456377	11526.31	78.6	538.74	201789	105.2693 ng/ml
a-hydroxyalprazolam	5.681	172722	2809.41	64.2	1520.17	544718	124.3221 ng/ml
alpha-PHP	4.928	452992	770.92	248.4	21603.58	660939	96.1569 ng/ml
alpha-PVP	4.363	1809993	∞	53.2	∞	660939	98.9823 ng/ml
Alprazolam	5.758	786561	1759.29	115.0	1571.80	311016	104.4933 ng/ml
Amphetamine	3.050	2574765	23931.70	49.0	9426.39	496182	95.3087 ng/ml
Benzoylecgonine	3.871	35770	409.57	8.7	45.34	12028	103.5591 ng/ml
Buprenorphine	5.761	36849	3675.56	15.7	5839.98	156066	10.0794 ng/ml
Bupropion	4.778	1725456	53188.88	66.6	319.90	589114	96.9091 ng/ml
Carisoprodol	5.713	706301	1784.93	66.4	2893.05	276190	93.4312 ng/ml
Chlordiazepoxide	5.827	392101	4973.68	133.0	4496.14	490269	103.5460 ng/ml
Chlorpheniramine	5.131	3144591	12404.00	0.3	163.70	1400375	95.9317 ng/ml
Citalopram	5.225	1471901	29879.92	37.9	9474.13	531460	104.8295 ng/ml
Clonazepam	5.600	626028	2819.91	35.2	6647.72	84956	111.0813 ng/ml
Clonazolam	5.544	604396	2843.69	38.2	3387.68	84956	133.6298 ng/ml
Cocaine	4.264	1053908	220800.84	56.1	586.45	941091	100.0978 ng/ml
Codeine	2.586	134361	361.68	102.0	1279.64	70670	110.2460 ng/ml
Cyclobenzaprine	5.624	1333171	23939.50	6.9	220.04	499025	98.5596 ng/ml
Dextromethorphan	5.268	898106	607.30	77.5	5086.77	386007	104.6216 ng/ml
Dextrorphan	4.118	548702	1804.43	212.2	1052.04	544768	100.4610 ng/ml
Diazepam	5.930	541317	861.81	89.0	451.62	242032	100.8413 ng/ml
Dihydrocodeine	2.558	388188	23336.48	60.4	354.50	244186	107.5894 ng/ml
Diphenhydramine	5.296	3935008	711.17	32.8	17428.61	1819440	97.8727 ng/ml
DMT	2.858	222725	1695.71	135.6	923.77	386007	89.2986 ng/ml
Doxylamine	4.565	3578126	1159.86	94.6	103604.53	1538446	102.3203 ng/ml
Duloxetine	5.650	142394	1894.90	16.0	27419.42	71003	100.6588 ng/ml
EDDP	5.261	1572464	733.69	42.8	9097.82	721763	99.4660 ng/ml
Etizolam	5.797	449112	17790.87	25.8	1719.31	84956	122.5039 ng/ml
Fentanyl	5.094	166268	2801.89	67.8	228.42	756422	10.4811 ng/ml
Flualprazolam	5.688	422056	9125.67	99.6	7698.99	311016	106.9264 ng/ml
Fluorofentanyl	5.148	357805	2452.86	43.3	2132.89	6681	10.0643 ng/ml
Fluoxetine	5.703	1728137	82164.40	7.7	7833.83	531426	97.7651 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	566877	∞	35.0	526.00	282882	110.9608 ng/ml
Hydromorphone	1.622	461158	5188.35	74.1	3196.40	135183	101.4383 ng/ml
Hydroxyzine	5.700	1605594	2043.59	76.3	6924.80	386007	95.1956 ng/ml
Ketamine	4.043	1161360	1189.63	35.9	293.75	483990	108.1087 ng/ml
Lamotrigine	4.274	114341	1399.19	81.4	3068.04	1367208	104.1600 ng/ml
Lorazepam	5.729	379897	1747.06	51.1	1199.24	290747	96.5741 ng/ml
MDA	3.198	1783602	2787.26	35.8	610.98	612522	100.9509 ng/ml
MDMA	3.292	1109573	5109.77	115.1	10660.89	122488	100.6279 ng/ml
Meprobamate	4.894	661027	531.69	27.2	244.83	307608	111.8694 ng/ml
Methadone	5.655	2654787	1252.22	47.7	24440.54	1014844	95.9652 ng/ml
Methamphetamine	3.226	2887541	19328.29	35.8	49328.84	1163838	104.9044 ng/ml
Metoprolol	4.320	346503	3950.43	105.7	19623.55	1463592	102.2789 ng/ml
Mirtazapine	4.620	2484843	62160.77	50.2	2131.01	660939	102.1664 ng/ml
Mitragynine	5.222	613082	416.24	37.0	152547.32	1014844	114.1535 ng/ml
Morphine	1.253	70911	344.72	58.1	1761.10	10870	92.7151 ng/ml
Norbuprenorphine	4.990	5841	143.56	99.5	14287.19	26042	9.4797 ng/ml
Nordiazepam	5.877	535910	807.60	58.8	624.05	165820	102.4012 ng/ml
Norfentanyl	4.085	281854	495.78	38.1	469.69	1020161	9.6777 ng/ml
Norhydrocodone	3.074	97902	350.36	40.6	618.03	62464	93.7888 ng/ml
Noroxycodone	2.917	527688	5261.96	43.7	1482.86	179637	96.2741 ng/ml
O-desmethyl-tramadol	3.372	3008481	82497.29	5.8	5081.45	1533102	100.8197 ng/ml
o-desmethylvenlafaxine	4.063	4192295	61353.82	17.5	1899.49	311842	100.2108 ng/ml
Olanzapine	4.557	611842	15726.14	51.0	111.37	134669	17.4642 ng/ml
Oxazepam	5.739	640003	6332.47	72.1	168.36	290747	100.0850 ng/ml
Oxycodone	2.835	1327455	2354.11	27.4	1620.18	531442	101.1669 ng/ml
Oxymorphone	1.411	653927	∞	44.7	∞	220196	102.3749 ng/ml
Phentermine	3.774	721724	4762.77	7.1	288.29	785505	110.1338 ng/ml
Promethazine	5.540	2627323	29557.34	31.7	1916.70	1047401	101.1211 ng/ml
Pseudoephedrine	2.589	3026961	2856.19	18.9	34737.84	1367208	96.3082 ng/ml
Quetiapine	5.543	1522501	94506.83	61.1	18126.13	247550	109.1731 ng/ml
Sertraline	5.772	439907	1382.08	102.6	6218.62	198591	94.6047 ng/ml
Temazepam	5.800	1259349	919.92	26.0	83.26	544718	107.4247 ng/ml
Tramadol	4.239	2855883	99.08	3.6	151.00	1463592	105.3466 ng/ml
Trazodone	5.114	1852354	550.69	73.3	1118.10	710180	96.8499 ng/ml
Venlafaxine	5.042	2742848	174432.54	34.3	796.19	1360652	92.0787 ng/ml
Zolpidem	4.877	2872158	145596.46	27.4	1922.81	1096673	105.3919 ng/ml

SC

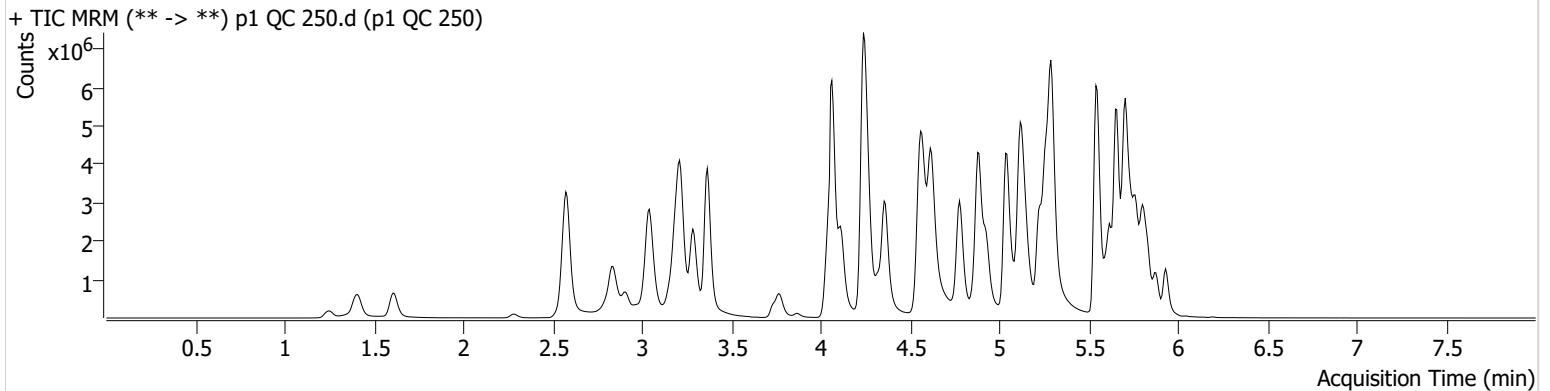


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-C7	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 9:52:02 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	80172	527.01	72.9	1021.50	90105	25.5217 ng/ml
7-aminoclonazepam	4.244	564215	3049.16	79.6	2204.75	116631	225.9034 ng/ml
a-hydroxyalprazolam	5.681	304002	749.46	67.6	568.64	526333	227.2693 ng/ml
alpha-PHP	4.928	1230135	1408.73	249.8	42308.64	672831	256.5848 ng/ml
alpha-PVP	4.363	4614494	1354.71	52.7	39372.06	672831	247.5476 ng/ml
Alprazolam	5.758	1800099	1930.16	115.3	2487.96	285117	260.7094 ng/ml
Amphetamine	3.043	5704302	1031.04	45.9	951.49	501177	210.2990 ng/ml
Benzoylecgonine	3.864	97241	1833.35	8.4	645.58	13345	254.6675 ng/ml
Buprenorphine	5.768	86434	1724.27	15.9	15338.02	139734	26.5182 ng/ml
Bupropion	4.778	4584650	82039.69	65.1	65541.49	623864	243.3522 ng/ml
Carisoprodol	5.713	1325271	125555.09	68.8	462.09	192808	249.9807 ng/ml
Chlordiazepoxide	5.834	926451	7682.67	131.5	5083.85	515732	233.8515 ng/ml
Chlorpheniramine	5.124	8152256	8399.87	0.3	765.43	1308319	264.4616 ng/ml
Citalopram	5.225	3403001	1808.65	37.1	499046.80	496190	258.9607 ng/ml
Clonazepam	5.600	1756061	22546.08	33.5	6762.62	104547	254.2233 ng/ml
Clonazolam	5.544	1211578	580359.53	37.8	263219.24	104547	218.2105 ng/ml
Cocaine	4.264	2673155	387448.26	55.6	1171.21	954002	250.3402 ng/ml
Codeine	2.580	286509	199.37	100.9	3039.64	70022	238.2668 ng/ml
Cyclobenzaprine	5.624	3068026	73377.22	7.0	321.26	451800	249.8467 ng/ml
Dextromethorphan	5.268	1868374	54836.07	77.3	510.56	322919	260.1801 ng/ml
Dextrorphan	4.118	1369048	13991.20	211.5	56194.48	534250	255.4694 ng/ml
Diazepam	5.930	1232099	4385.21	88.4	576.42	223239	248.9703 ng/ml
Dihydrocodeine	2.552	879647	297.72	63.1	212.26	252148	237.2550 ng/ml
Diphenhydramine	5.296	9328727	366.03	31.8	923.61	1652549	254.7197 ng/ml
DMT	2.845	540572	6276.09	140.7	2863.19	322919	257.4097 ng/ml
Doxylamine	4.559	9736810	5977.91	95.8	1723.90	1633565	261.5247 ng/ml
Duloxetine	5.643	179310	3617.04	15.6	765.33	36101	249.5444 ng/ml
EDDP	5.261	4495297	700.17	41.8	664.96	811886	252.5342 ng/ml
Etizolam	5.797	1097297	2970.50	25.8	3087.63	104547	241.2897 ng/ml
Fentanyl	5.094	368318	13128.99	68.9	2971.02	683416	25.7454 ng/ml
Flualprazolam	5.688	844189	19000.70	97.7	27384.65	285117	234.3090 ng/ml
Fluorofentanyl	5.148	763237	10093.96	43.7	16083.97	5227	27.4403 ng/ml
Fluoxetine	5.710	2246429	2308.99	7.4	368.76	265873	252.8884 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1397559	488.51	35.7	725.50	316436	245.9971 ng/ml
Hydromorphone	1.609	1250480	8986008.12	74.2	10729.04	144139	257.8672 ng/ml
Hydroxyzine	5.700	3510062	33979.14	75.6	39882.19	322919	247.8525 ng/ml
Ketamine	4.036	2823474	154745.26	35.4	11024.98	493058	259.4839 ng/ml
Lamotrigine	4.274	232955	1195.15	83.2	13141.91	1204945	242.1068 ng/ml
Lorazepam	5.729	665909	10264.43	51.9	1606.76	219996	225.5940 ng/ml
MDA	3.191	3593116	1944.77	34.4	529.96	563114	222.1528 ng/ml
MDMA	3.285	2794492	270440.80	112.4	18723.77	118339	262.3560 ng/ml
Meprobamate	4.894	1353554	16180.87	28.6	2800.58	298145	237.9804 ng/ml
Methadone	5.655	7089502	138587.94	46.3	1037.43	1001111	259.2082 ng/ml
Methamphetamine	3.219	7341974	219355.63	34.0	2342.40	1251033	249.3233 ng/ml
Metoprolol	4.320	843080	1288223.61	107.2	32864.95	1423758	256.4676 ng/ml
Mirtazapine	4.620	6237234	∞	50.7	1709.85	672831	251.7059 ng/ml
Mitragynine	5.222	1218681	288266.40	38.0	373.02	1001111	230.4174 ng/ml
Morphine	1.247	172108	1776.23	61.9	3782.22	9536	256.2662 ng/ml
Norbuprenorphine	4.990	15255	2164.63	100.0	4379.22	27275	23.8216 ng/ml
Nordiazepam	5.877	1265495	37680.69	59.5	1645.38	157640	254.7844 ng/ml
Norfentanyl	4.078	684634	588.68	37.9	2825.24	850733	28.1049 ng/ml
Norhydrocodone	3.067	245321	267.02	40.5	∞	57434	253.8515 ng/ml
Noroxycodone	2.904	1208318	28621.99	44.1	1218.85	165113	239.7629 ng/ml
O-desmethyl-tramadol	3.366	7940232	281868.32	5.5	13734.69	1534078	265.3415 ng/ml
o-desmethylvenlafaxine	4.063	10339397	197031.91	17.1	867.35	291660	263.2295 ng/ml
Olanzapine	4.557	1239901	1099.51	44.1	335.63	94362	46.7110 ng/ml
Oxazepam	5.739	1204256	193.26	74.0	141.38	219996	249.7859 ng/ml
Oxycodone	2.828	3030912	11792.95	27.3	1933.82	529292	232.7828 ng/ml
Oxymorphone	1.405	1570991	∞	44.7	∞	210469	257.7734 ng/ml
Phentermine	3.774	1635376	4427.47	6.8	814.17	833664	236.3581 ng/ml
Promethazine	5.540	5743805	103756.54	30.8	1330.78	874414	264.0982 ng/ml
Pseudoephedrine	2.583	6965875	181975.21	18.3	2732.53	1204945	250.5255 ng/ml
Quetiapine	5.543	3572353	78986.94	60.9	40397.81	251689	253.3237 ng/ml
Sertraline	5.772	655340	3450.92	101.4	14194.18	113787	245.6699 ng/ml
Temazepam	5.800	2911719	82578.66	25.9	1357.54	526333	257.5851 ng/ml
Tramadol	4.239	7010060	∞	3.6	35.30	1423758	266.5960 ng/ml
Trazodone	5.107	4026951	1419.62	73.3	∞	633442	237.2992 ng/ml
Venlafaxine	5.035	7412099	190811.90	32.3	13360.22	1362128	247.6375 ng/ml
Zolpidem	4.877	7460179	408089.06	26.8	397.72	1133714	265.4509 ng/ml



SC

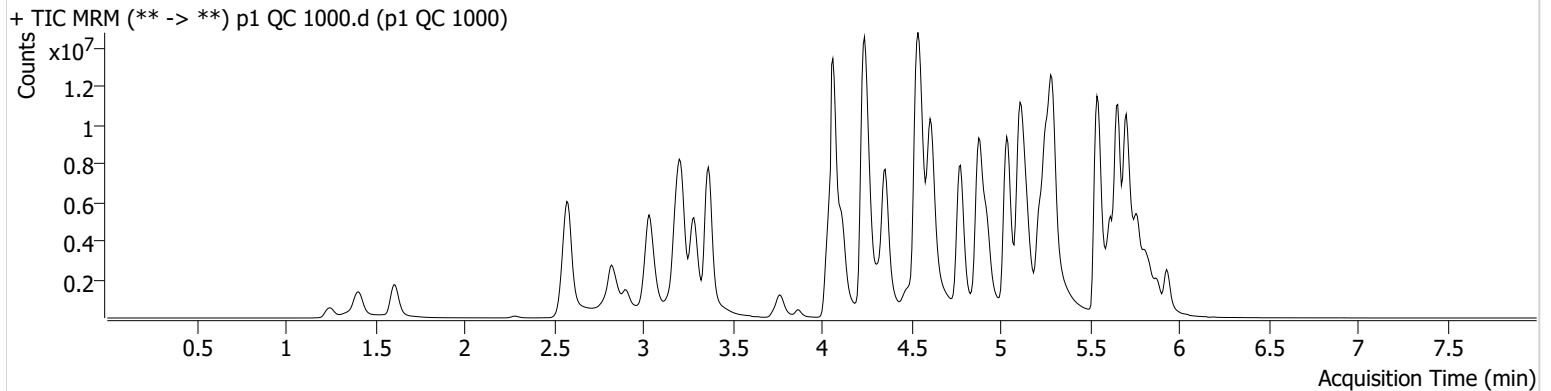


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 AM

**Instrument** Falco (069901) **Data File** p1 QC 1000.d  
**Type** QC **Sample** p1 QC 1000  
**Acq. Method** AM 28 MDQ P1.m **Operator** Sarah Collins  
**Sample Position** P2-D7 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 11/17/2022 10:13:20 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	264681	25517.39	71.4	2753.90	73448	103.4907 ng/ml
7-aminoclonazepam	4.237	793592	810.11	78.5	2064.89	69118	537.0534 ng/ml
a-hydroxyalprazolam	5.674	337815	216.51	64.0	210.30	133201	1001.2671 ng/ml
alpha-PHP	4.921	3438469	54707.37	257.1	1914.18	475363	1015.2753 ng/ml
alpha-PVP	4.357	13727128	1675.55	52.2	41665.44	475363	1041.5741 ng/ml
Alprazolam	5.758	3483965	544.72	113.1	114.59	142190	1011.4887 ng/ml
Amphetamine	3.037	11229546	422337.40	45.0	26922.00	411543	505.6296 ng/ml
Benzoylcegonine	3.864	376461	18793.65	8.4	539.96	12626	1044.0778 ng/ml
Buprenorphine	5.768	231048	13438.53	16.1	97819.78	108150	91.7565 ng/ml
Bupropion	4.778	13885720	719966.61	64.9	1004.56	509174	903.4307 ng/ml
Carisoprodol	5.720	1667072	104.21	66.4	98.20	53057	1140.3053 ng/ml
Chlordiazepoxide	5.834	1470740	175106.22	152.6 <b>High</b>	2061.96	240680	797.9519 ng/ml
Chlorpheniramine	5.121	22713610	242121.05	0.3	889.89	939310	1023.4830 ng/ml
Citalopram	5.218	6809230	2553.57	37.1	599824.13	244901	1048.5447 ng/ml
Clonazepam	5.593	2625731	3306.20	33.3	7218.00	48335	823.9842 ng/ml
Clonazolam	5.558	1435342	701400.15	38.2	452074.86	48335	560.4769 ng/ml
Cocaine	4.257	6934467	1735.92	54.3	1650.35	585952	1057.0760 ng/ml
Codeine	2.573	584991	140.22	100.7	6118.57	44937	759.9774 ng/ml
Cyclobenzaprine	5.617	7892198	1921.44	6.5	∞	276369	1049.2727 ng/ml
Dextromethorphan	5.268	3591634	165.92	78.5	179.52	154024	1048.6116 ng/ml
Dextrorphan	4.111	3730795	551493.83	216.9	553861.88	344979	1077.8827 ng/ml
Diazepam	5.930	3032000	6883.72	89.0	10766.00	141558	966.4416 ng/ml
Dihydrocodeine	2.545	2297329	503.36	62.1	276.59	221061	708.6715 ng/ml
Diphenhydramine	5.289	21845578	273.17	33.8	237.72	942617	1044.3109 ng/ml
DMT	2.845	1446856	821.80	148.8	83352.32	154024	1440.4025 ng/ml
Doxylamine	4.538	29996156	342451.93	95.0	80738.28	1305906	1006.5548 ng/ml
Duloxetine	5.643	278442	843.04	14.5	22830.42	14456	968.1980 ng/ml
EDDP	5.254	14460983	918.60	40.7	1220.21	605985	1087.8698 ng/ml
Etizolam	5.797	2440355	16267.53	25.5	1231.88	48335	1153.2328 ng/ml
Fentanyl	5.087	1083350	72410.29	69.5	36389.31	590864	87.6657 ng/ml
Flualprazolam	5.688	1143896	2215.63	103.7	2708.90	142190	638.0987 ng/ml
Fluorofentanyl	5.148	2592893	57102.87	43.7	10160.09	3374	144.4341 ng/ml
Fluoxetine	5.710	4264764	242.42	7.5	400734.91	114889	1108.6347 ng/ml

SC



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4107495	1025.79	37.5	989.20	251830	911.7109 ng/ml
Hydromorphone	1.609	3812809	18942192.77	74.3	21337888.46	111427	1016.8873 ng/ml
Hydroxyzine	5.693	8763898	193900.09	77.8	133143.72	154024	1295.0124 ng/ml
Ketamine	4.036	6915899	190941.81	34.5	7576.67	384378	817.5906 ng/ml
Lamotrigine	4.274	400094	150.34	81.5	161.30	655200	766.8642 ng/ml
Lorazepam	5.729	712723	33404.71	50.4	3280.59	53305	1001.3584 ng/ml
MDA	3.178	6286926	11708.23	33.6	3213.49	323971	677.2408 ng/ml
MDMA	3.285	6955626	546464.78	112.3	5206.53	78067	989.9463 ng/ml
Meprobamate	4.894	1866892	17967.40	28.4	628.21	138908	707.3959 ng/ml
Methadone	5.655	17305764	2729.44	52.1	1746.62	653441	968.4639 ng/ml
Methamphetamine	3.212	17770957	184281.40	33.3	98425.44	1163725	650.1370 ng/ml
Metoprolol	4.320	1885259	243442.95	105.1	1662.72	1057594	772.9309 ng/ml
Mirtazapine	4.613	17865096	276909.75	51.0	256789.03	475363	1020.0019 ng/ml
Mitragynine	5.222	3156092	361672.96	37.5	11938.81	653441	915.3645 ng/ml
Morphine	1.247	530061	∞	60.7	∞	8035	936.2848 ng/ml
Norbuprenorphine	4.990	52464	3555.69	97.7	9371.59	23153	96.8885 ng/ml
Nordiazepam	5.877	2290368	44620.63	57.9	8583.39	78281	929.3664 ng/ml
Norfentanyl	4.078	1447465	124352.07	38.1	7951.20	304381	165.8599 ng/ml
Norhydrocodone	3.060	750167	∞	41.3	397.28	39763	1117.7695 ng/ml
Noroxycodone	2.904	2632795	678.59	43.3	339.57	85078	1013.6905 ng/ml
O-desmethyl-tramadol	3.368	21504626	668981.03	5.8	29697.33	1087707	1012.5362 ng/ml
o-desmethylvenlafaxine	4.063	25807729	408896.06	17.4	2717.14	171860	1113.0229 ng/ml
Olanzapine	4.638	629916	4567.53			20396	107.0801 ng/ml
Oxazepam	5.732	1103596	59.49	72.1	54.99	53305	946.3990 ng/ml
Oxycodone	2.815	7588434	∞	26.8	6319.86	368413	839.0336 ng/ml
Oxymorphone	1.405	4452911	∞	42.5	531.65	155575	989.3170 ng/ml
Phentermine	3.767	3973002	∞	6.6	1700.20	707531	678.5764 ng/ml
Promethazine	5.540	15765197	412878.89	30.1	78655.33	607421	1042.2134 ng/ml
Pseudoephedrine	2.583	16577059	86680.91	17.8	41123.35	655200	1094.4241 ng/ml
Quetiapine	5.543	7314810	36786.42	61.1	71115.57	193078	677.9230 ng/ml
Sertraline	5.772	1391315	∞	98.1	56337.56	53910	1100.2111 ng/ml
Temazepam	5.807	2756417	173008.60	27.6	1605.83	133201	964.5896 ng/ml
Tramadol	4.232	16544551	1236.83	3.4	807.31	1057594	848.1509 ng/ml
Trazodone	5.107	8353359	807.41	76.5	2276.97	472155	661.9381 ng/ml
Venlafaxine	5.035	19953282	5618.77	33.6	19961.25	909623	996.6242 ng/ml
Zolpidem	4.877	20025819	535.28	27.8	2104.34	968090	835.3934 ng/ml

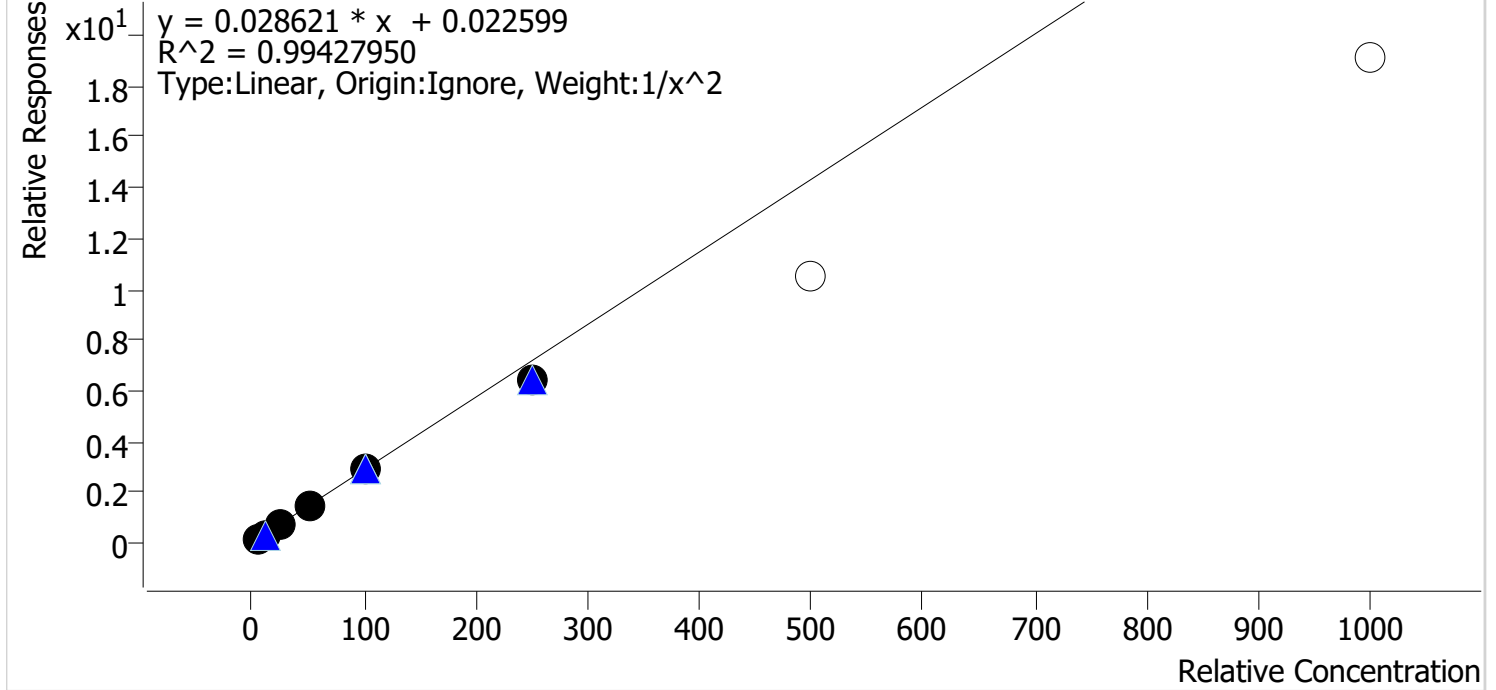
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** MDA **Internal Standard** MDA-D5

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



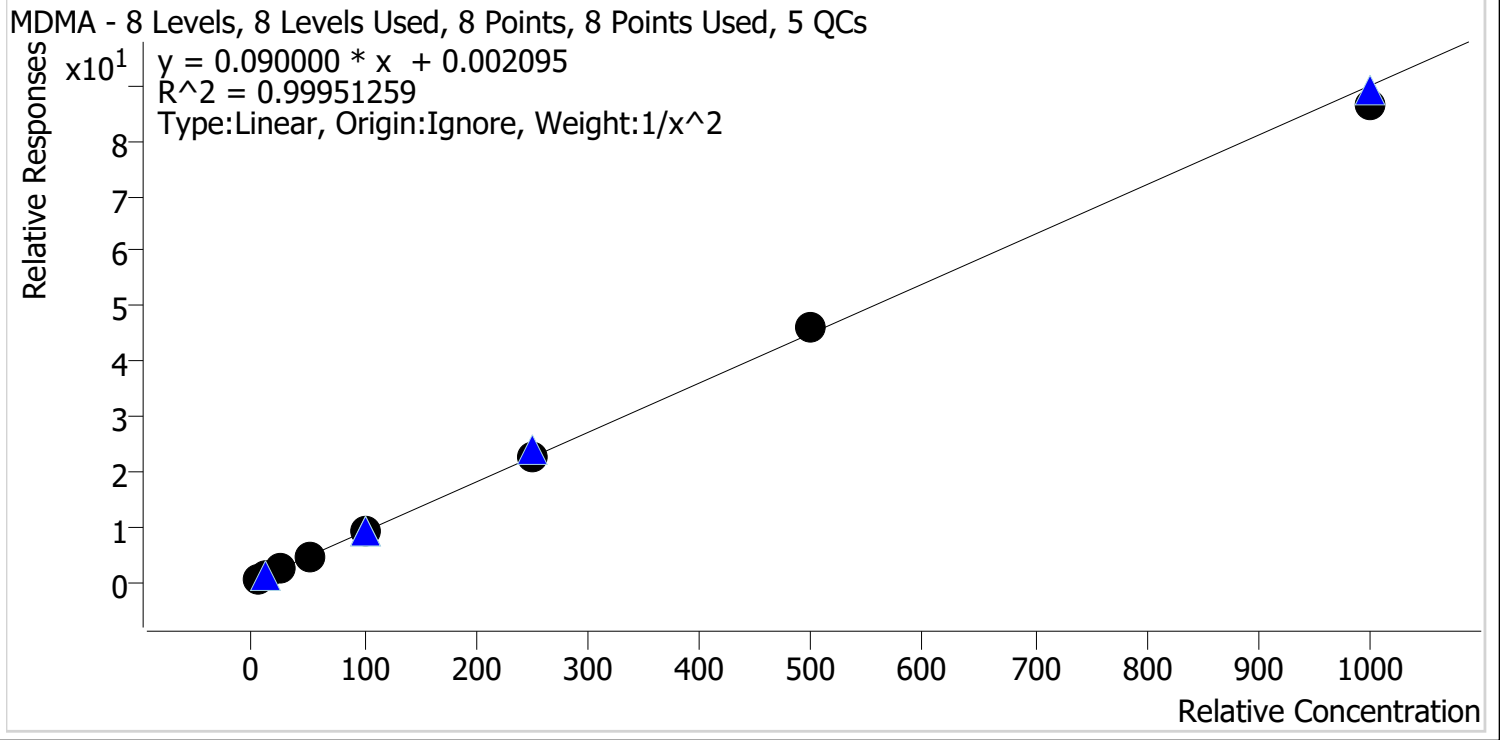
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	222.9	89.2
p1 Cal 7-500ng	7	x	500.0	365.3	73.1
p1 Cal 8-1000ng	8	x	1000.0	667.7	66.8

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
p1 Cal 8-1000ng	8	✓	1000.0	964.6	96.5

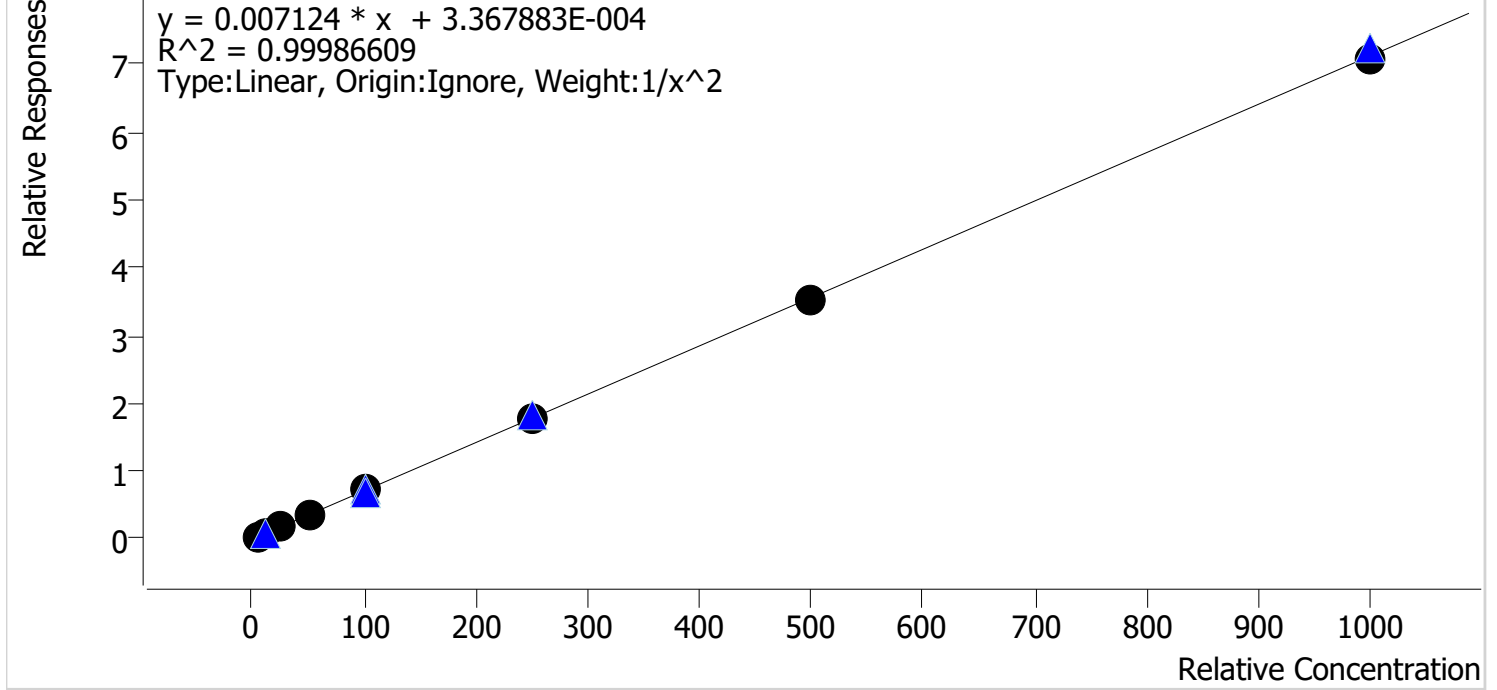
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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, 5 QCs



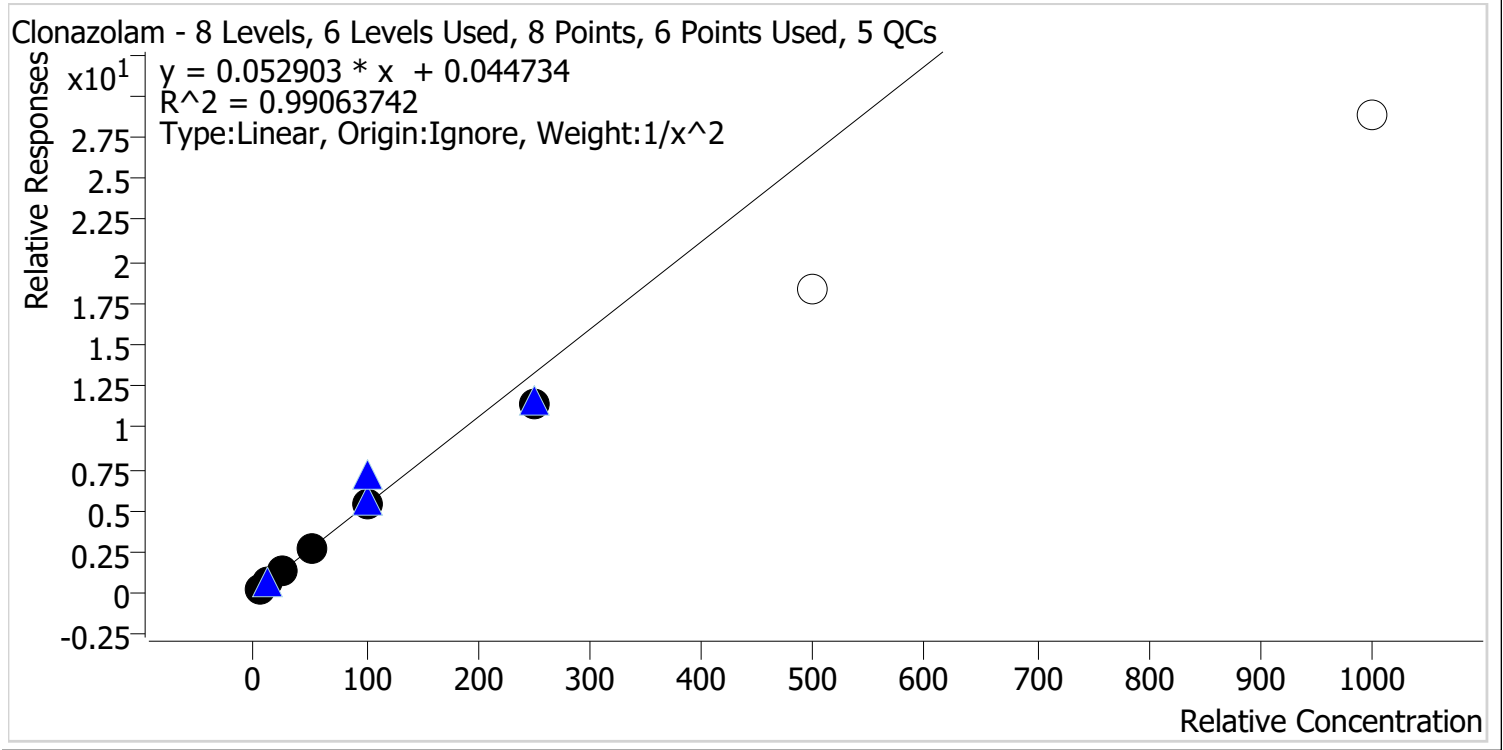
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	995.2	99.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	215.4	86.2
p1 Cal 7-500ng	7	x	500.0	346.6	69.3
p1 Cal 8-1000ng	8	x	1000.0	543.8	54.4

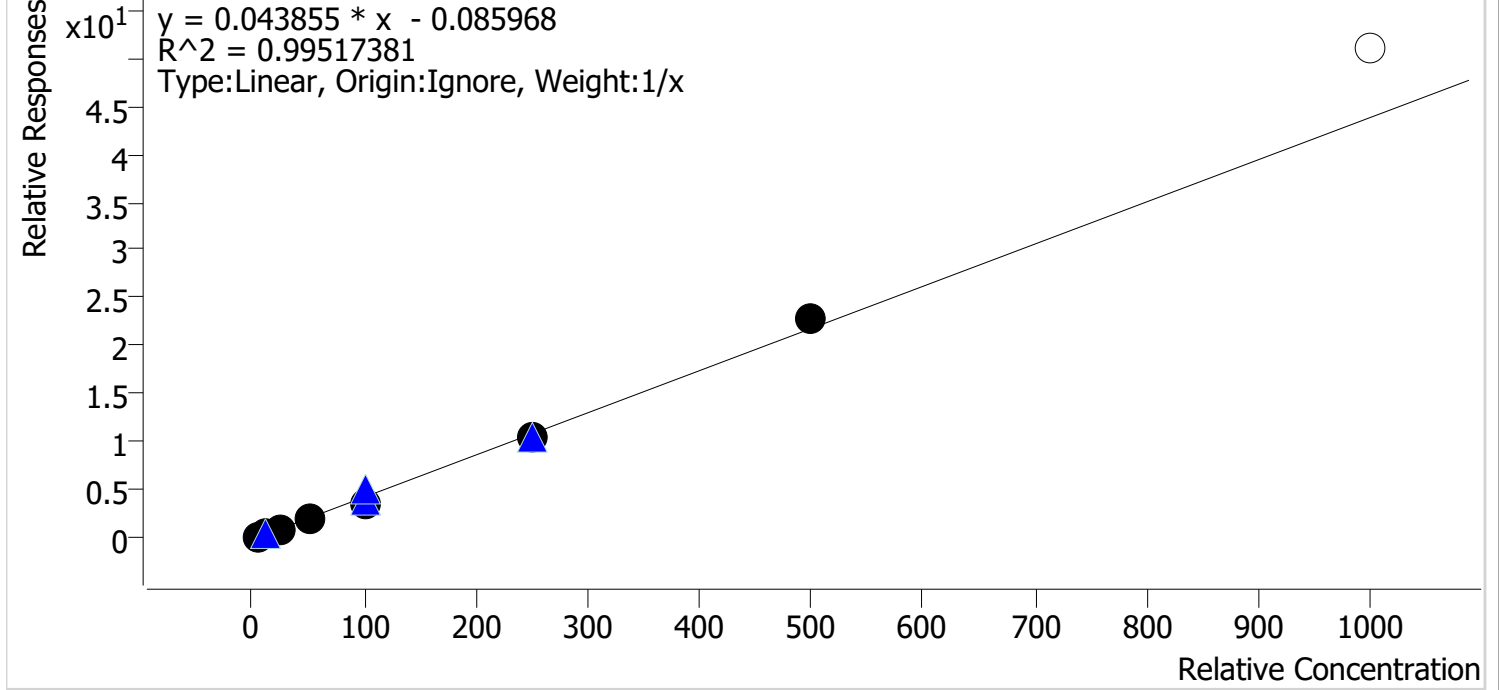
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



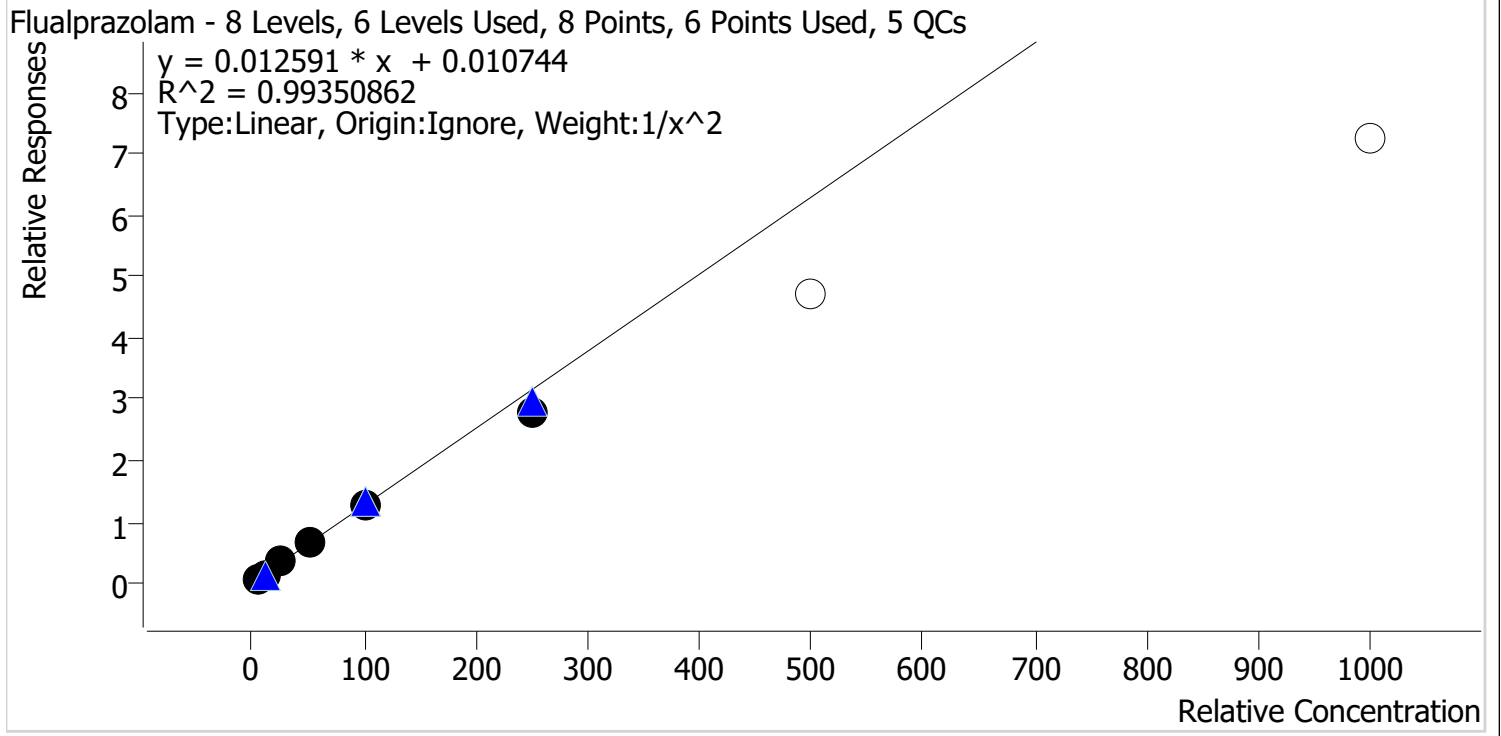
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.3	125.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.7
p1 Cal 4-50ng	4	✓	50.0	45.1	90.2
p1 Cal 5-100ng	5	✓	100.0	87.4	87.4
p1 Cal 6-250ng	6	✓	250.0	243.1	97.3
p1 Cal 7-500ng	7	✓	500.0	524.7	104.9
p1 Cal 8-1000ng	8	✗	1000.0	1163.5	116.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	220.4	88.2
p1 Cal 7-500ng	7	✗	500.0	372.1	74.4
p1 Cal 8-1000ng	8	✗	1000.0	577.3	57.7

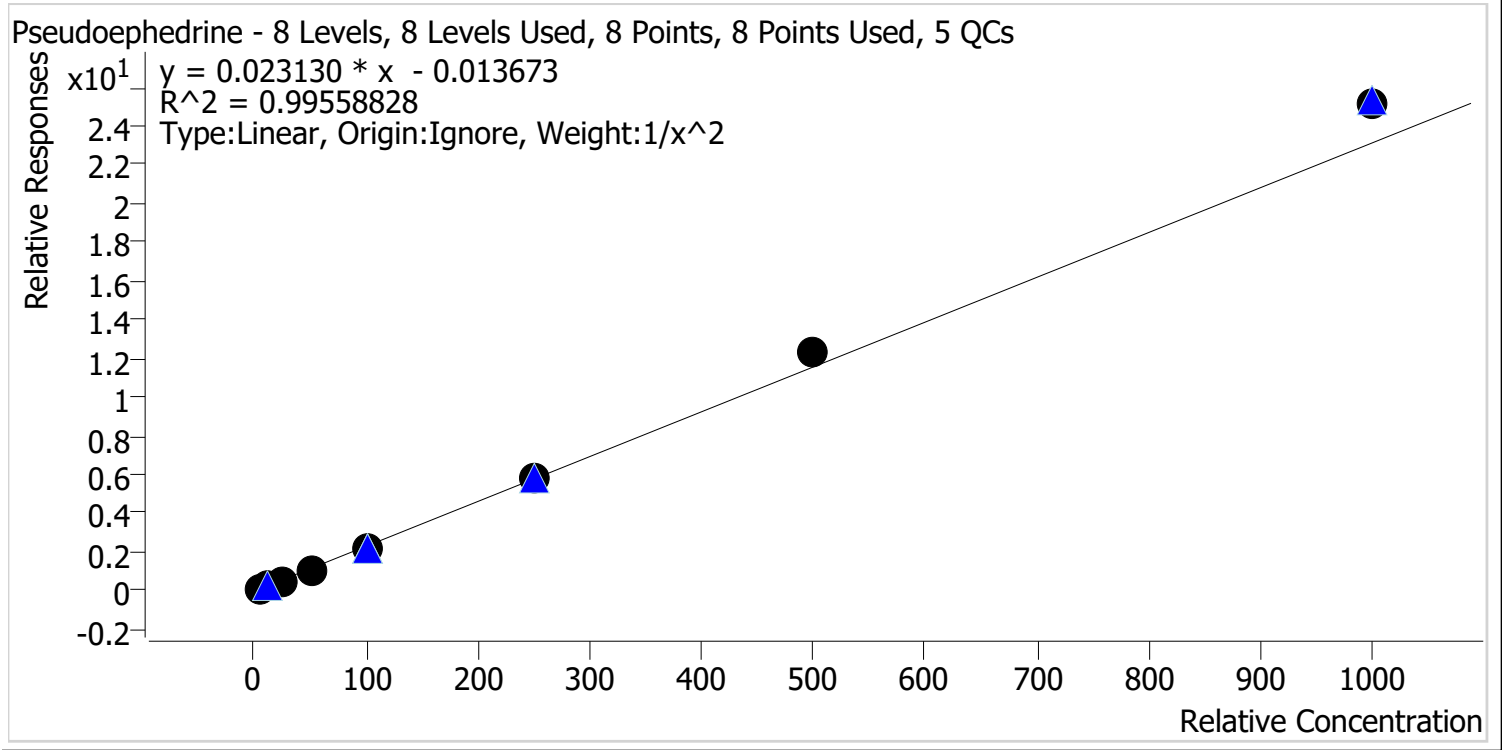


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	252.4	100.9
p1 Cal 7-500ng	7	✓	500.0	533.2	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1085.3	108.5

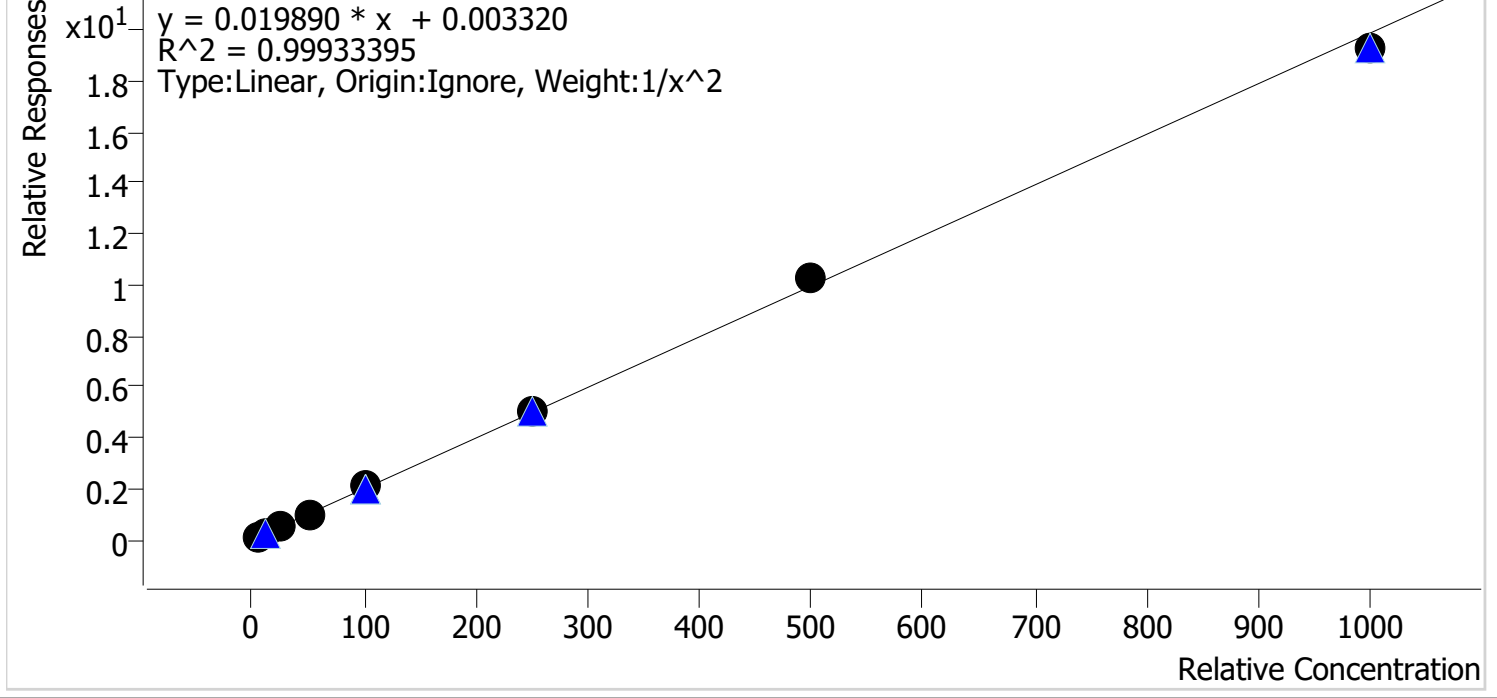
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Duloxetine **Internal Standard** Duloxetine-D3

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



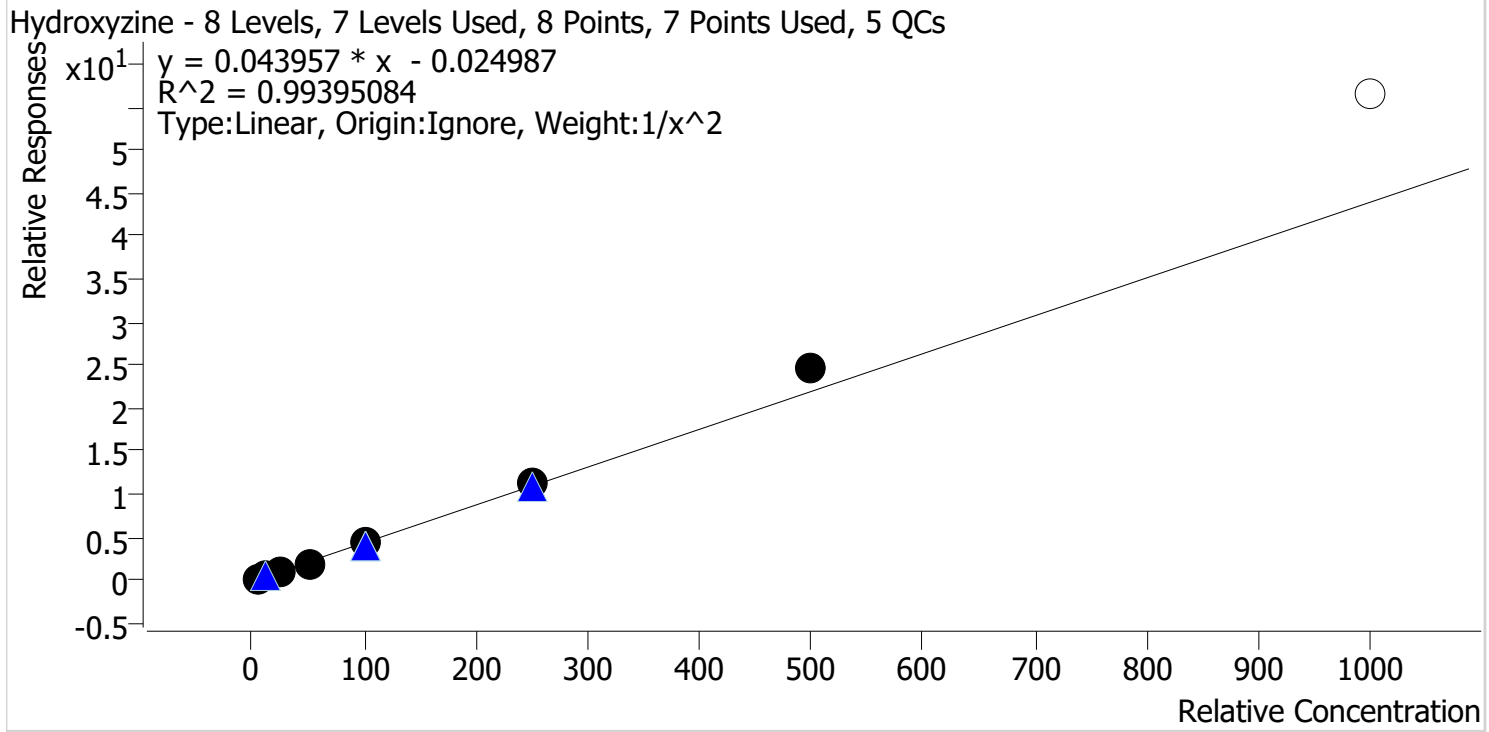
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	514.0	102.8
p1 Cal 8-1000ng	8	✓	1000.0	969.3	96.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydroxyzine **Internal Standard** Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	563.4	112.7
p1 Cal 8-1000ng	8	✗	1000.0	1284.3	128.4

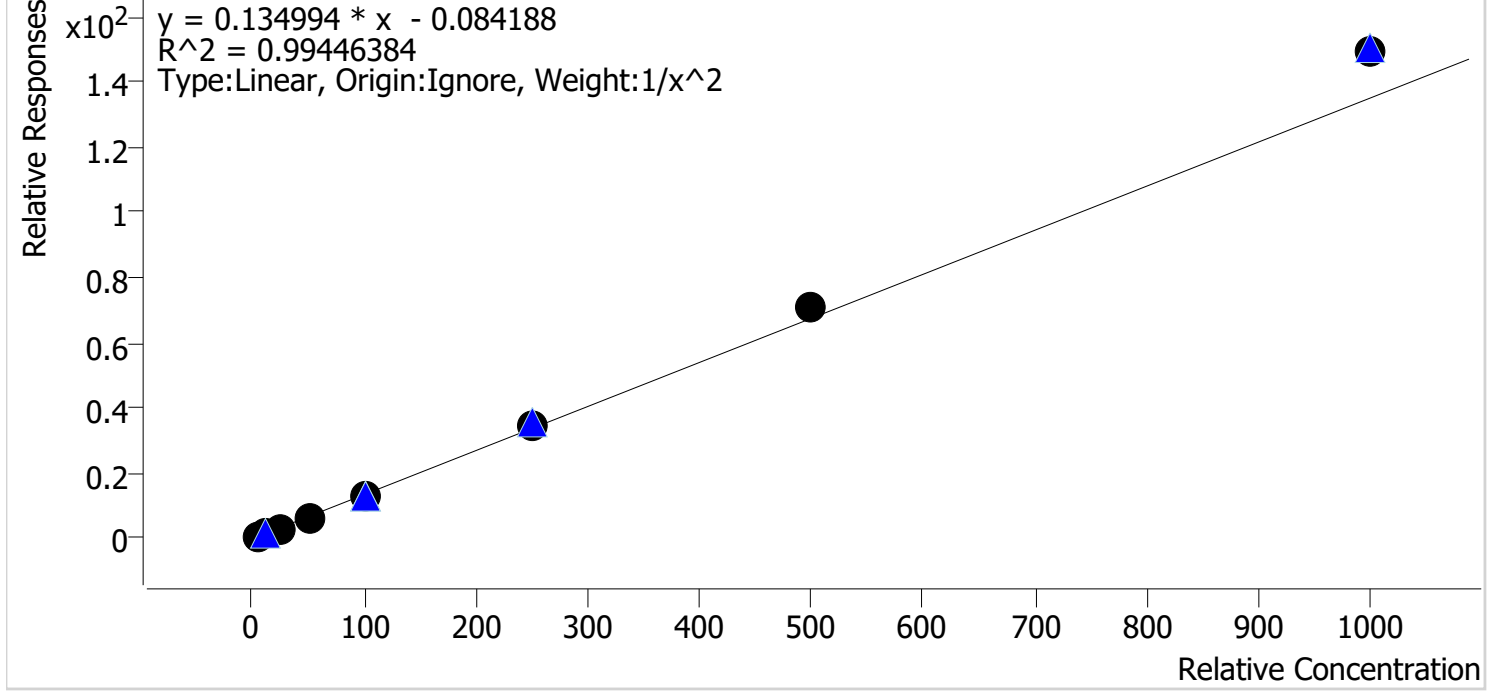
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

o-desmethylvenlafaxine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



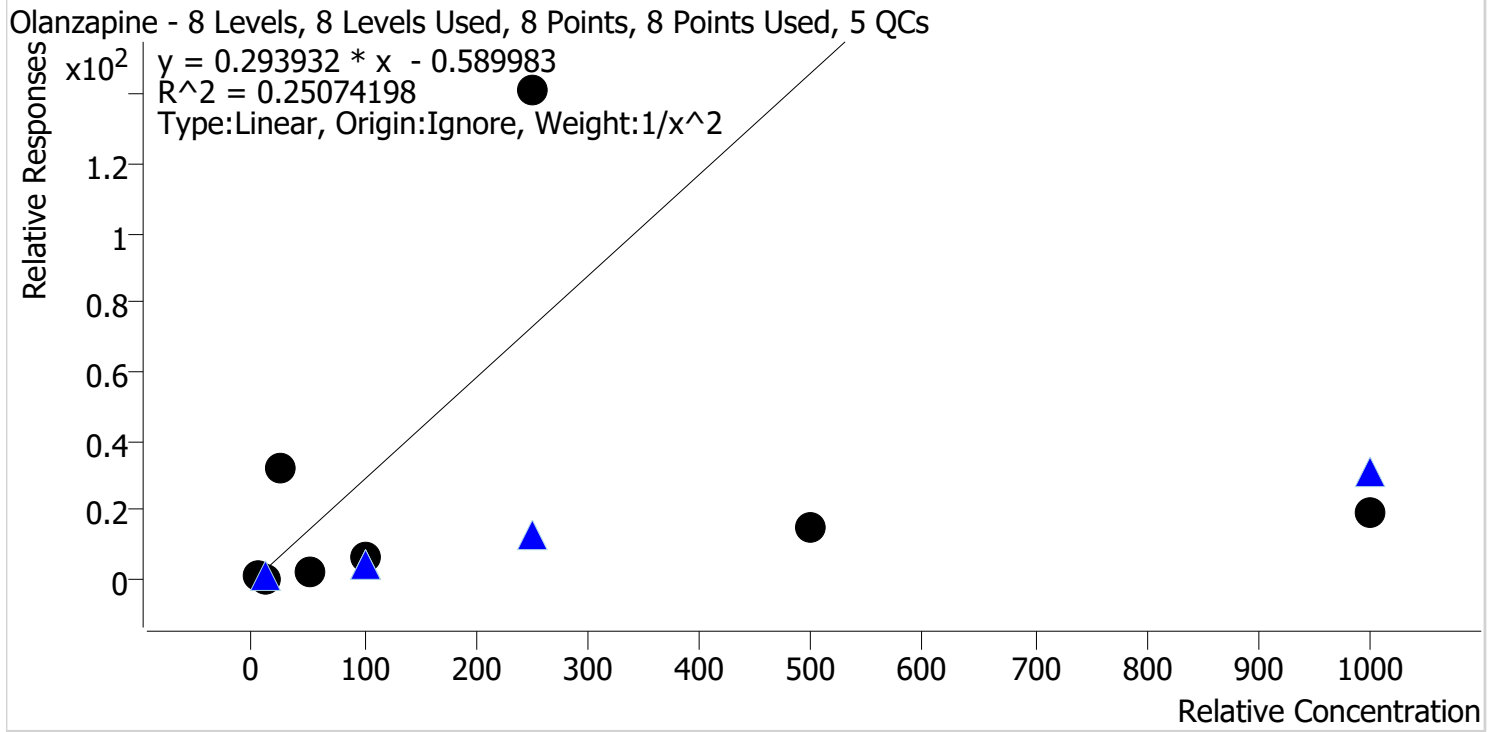
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.3
p1 Cal 4-50ng	4	✓	50.0	46.8	93.5
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	527.6	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1103.6	110.4

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.0	80.5
p1 Cal 2-10ng	2	✓	10.0	2.6	26.2
p1 Cal 3 -25ng	3	✓	25.0	109.5	438.2
p1 Cal 4-50ng	4	✓	50.0	10.5	21.1
p1 Cal 5-100ng	5	✓	100.0	23.9	23.9
p1 Cal 6-250ng	6	✓	250.0	482.3	192.9
p1 Cal 7-500ng	7	✓	500.0	51.8	10.4
p1 Cal 8-1000ng	8	✓	1000.0	68.8	6.9

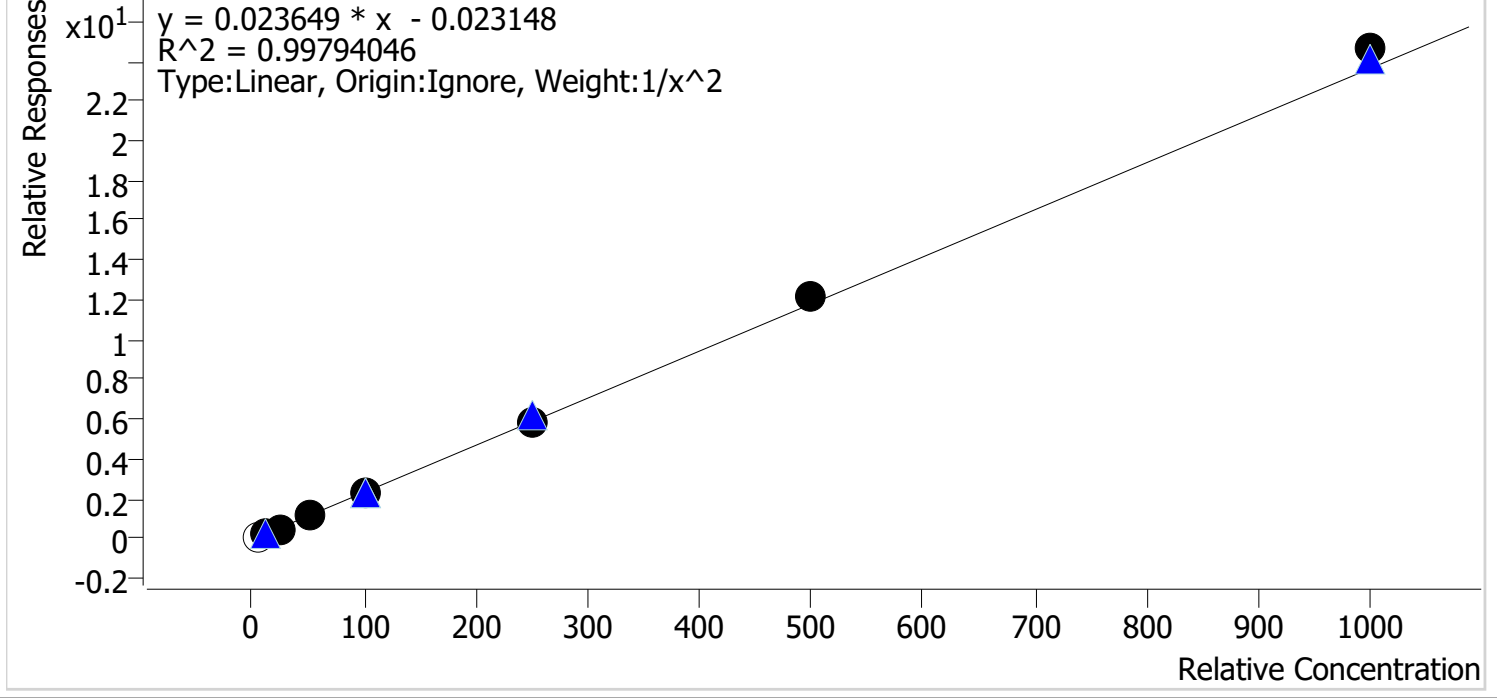
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

Chlorpheniramine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	5.8	116.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1042.3	104.2

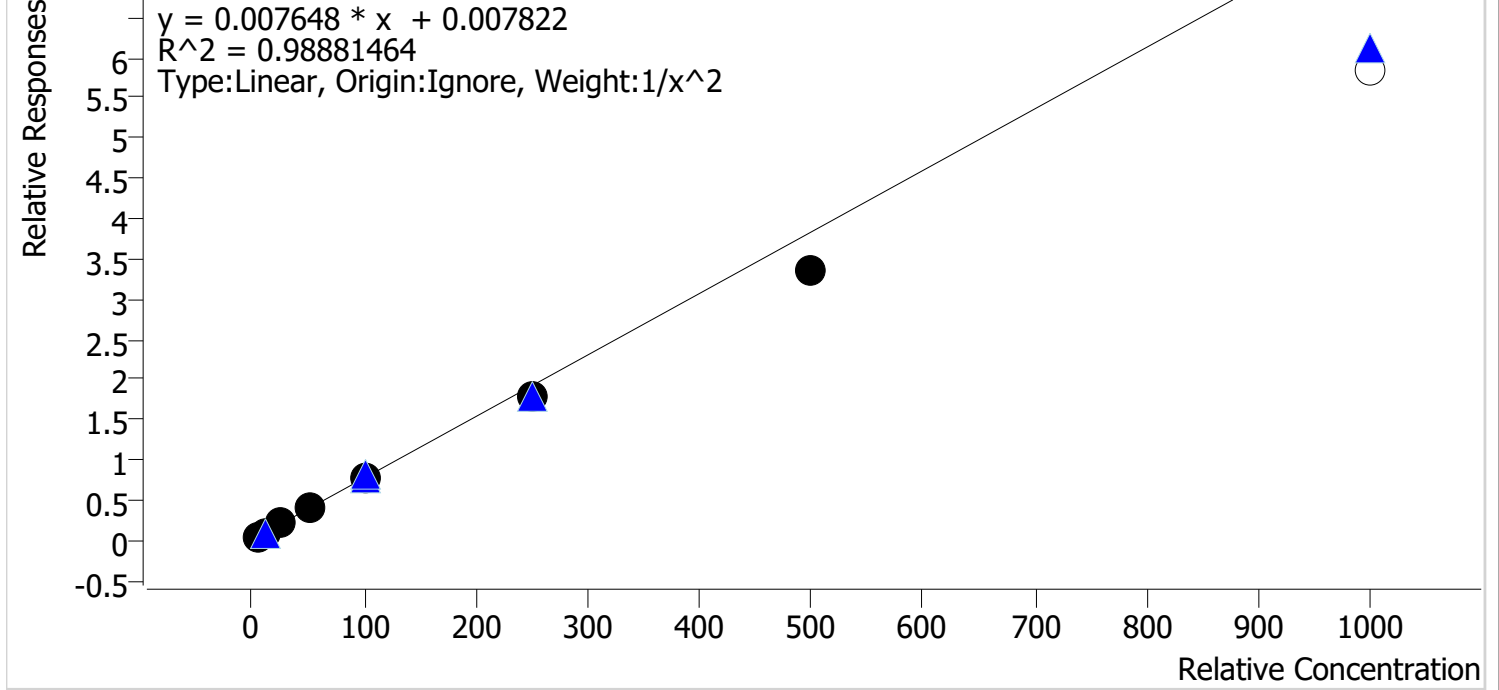
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5

Chlordiazepoxide - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.8
p1 Cal 2-10ng	2	✓	10.0	11.0	110.3
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	232.8	93.1
p1 Cal 7-500ng	7	✓	500.0	435.0	87.0
p1 Cal 8-1000ng	8	✗	1000.0	763.3	76.3

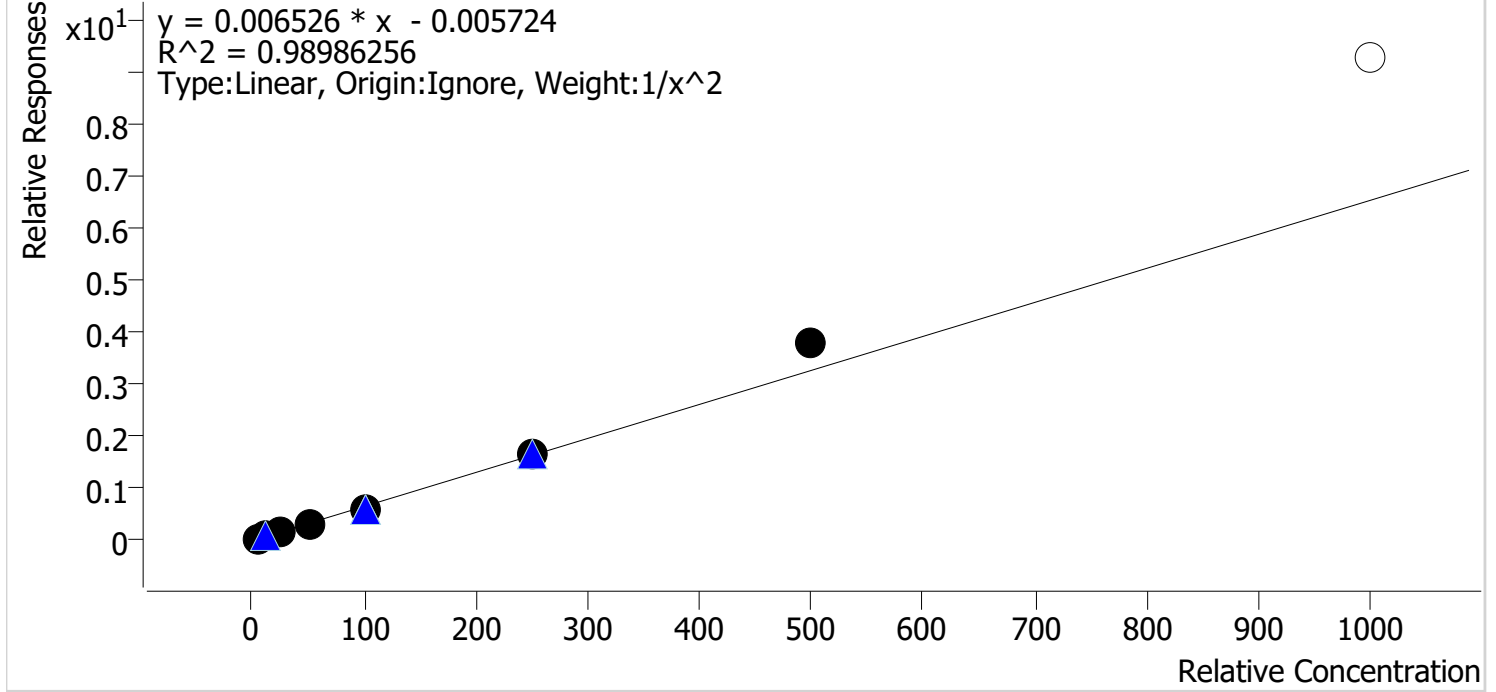
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** DMT **Internal Standard** Dextromethorphan-D3

DMT - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	45.2	90.5
p1 Cal 5-100ng	5	✓	100.0	94.1	94.1
p1 Cal 6-250ng	6	✓	250.0	255.1	102.1
p1 Cal 7-500ng	7	✓	500.0	582.9	116.6
p1 Cal 8-1000ng	8	✗	1000.0	1424.5	142.5

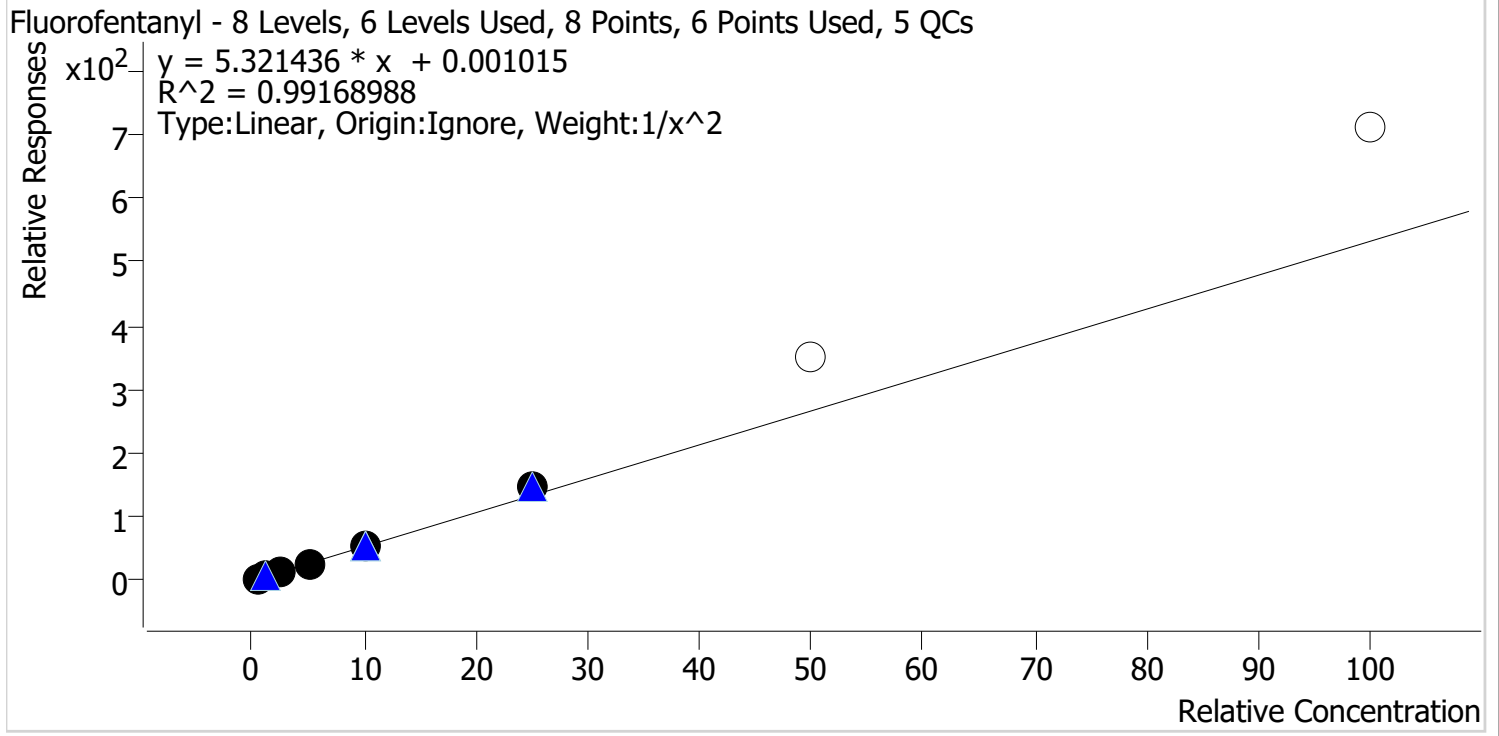


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.0
p1 Cal 2-10ng	2	✓	1.0	0.9	93.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.7
p1 Cal 4-50ng	4	✓	5.0	4.8	95.5
p1 Cal 5-100ng	5	✓	10.0	10.2	102.4
p1 Cal 6-250ng	6	✓	25.0	27.8	111.3
p1 Cal 7-500ng	7	x	50.0	65.9	131.9
p1 Cal 8-1000ng	8	x	100.0	134.1	134.1

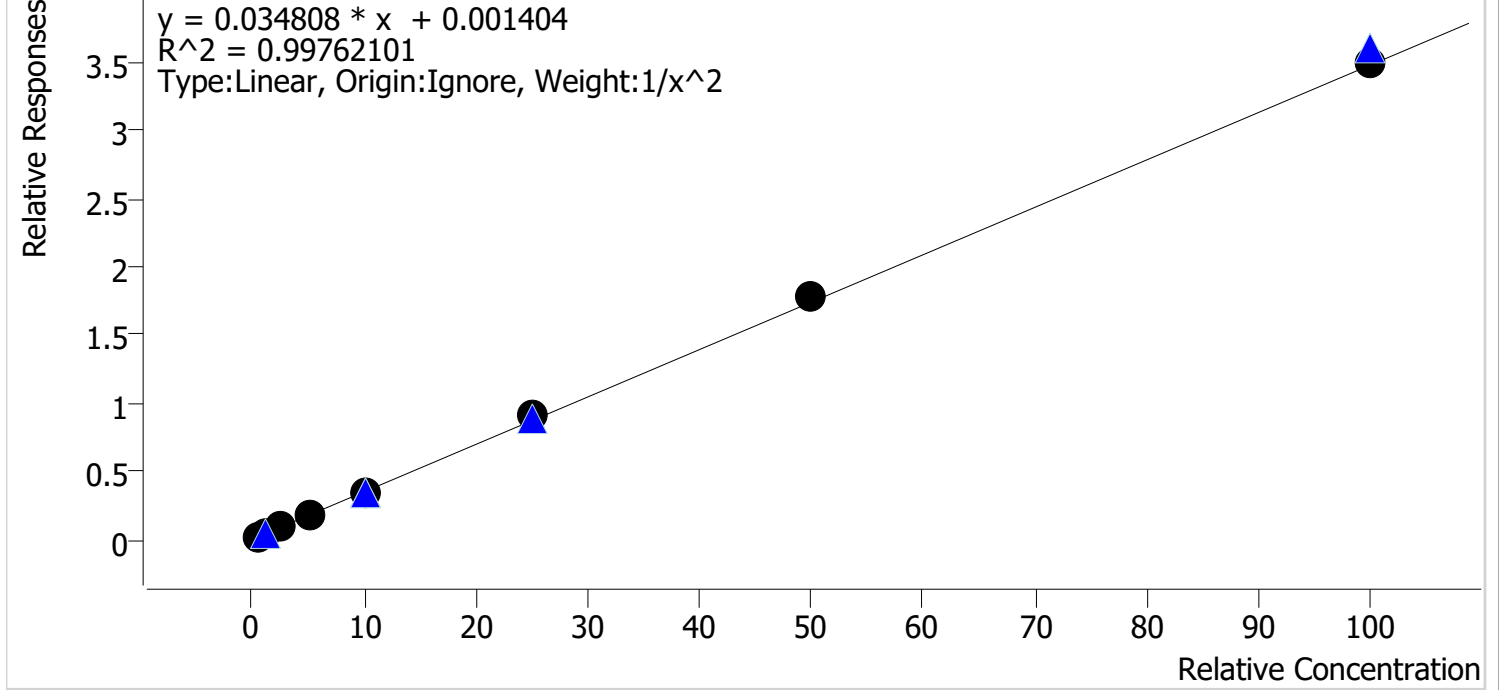
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.5
p1 Cal 2-10ng	2	✓	1.0	0.9	91.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.6
p1 Cal 5-100ng	5	✓	10.0	10.1	101.2
p1 Cal 6-250ng	6	✓	25.0	25.9	103.5
p1 Cal 7-500ng	7	✓	50.0	51.6	103.2
p1 Cal 8-1000ng	8	✓	100.0	100.1	100.1

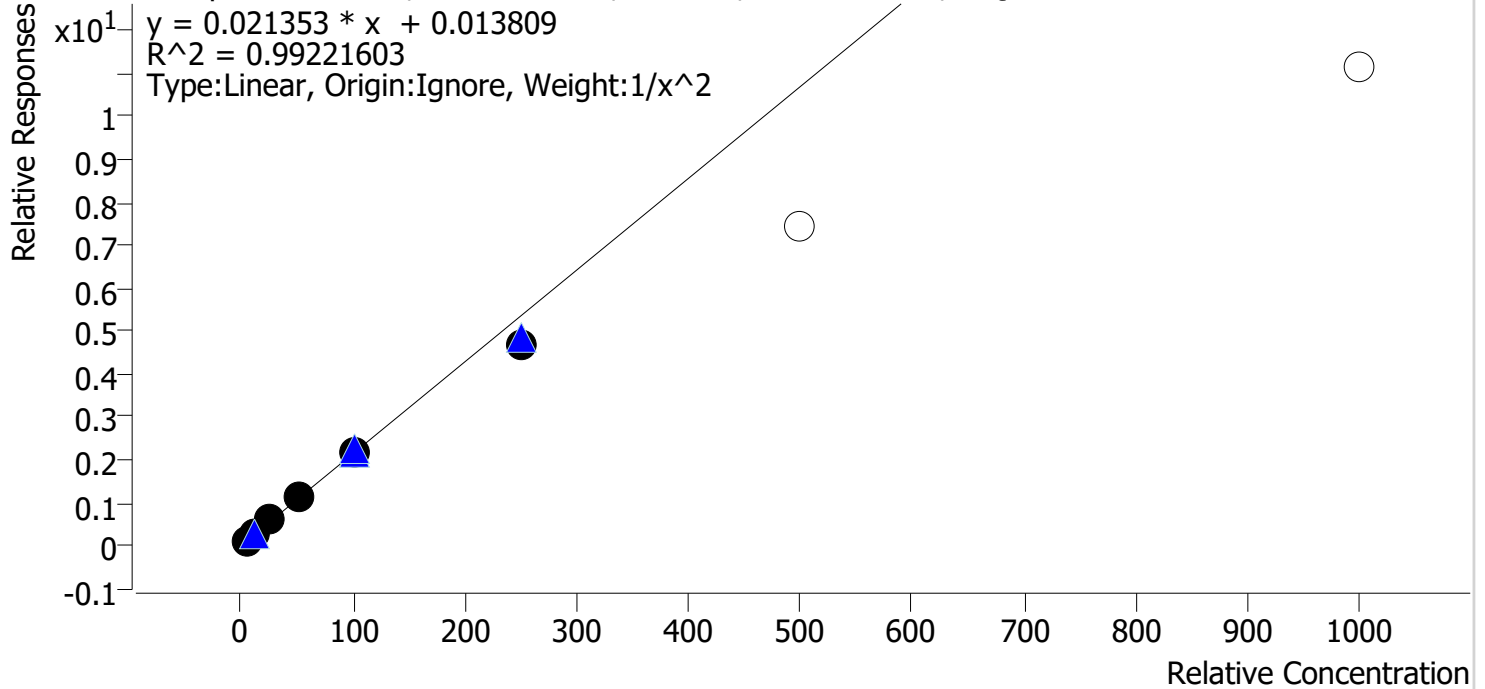
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	217.1	86.8
p1 Cal 7-500ng	7	✗	500.0	347.7	69.5
p1 Cal 8-1000ng	8	✗	1000.0	521.3	52.1

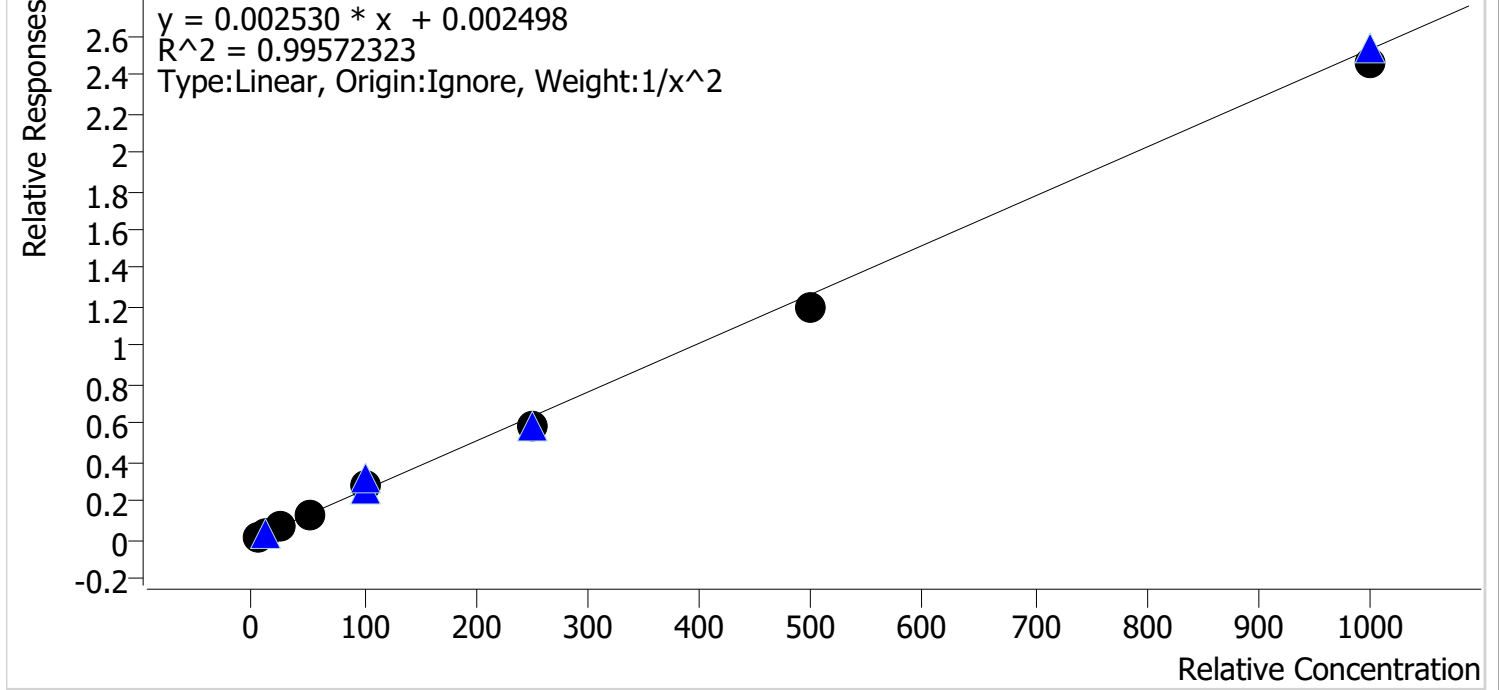
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



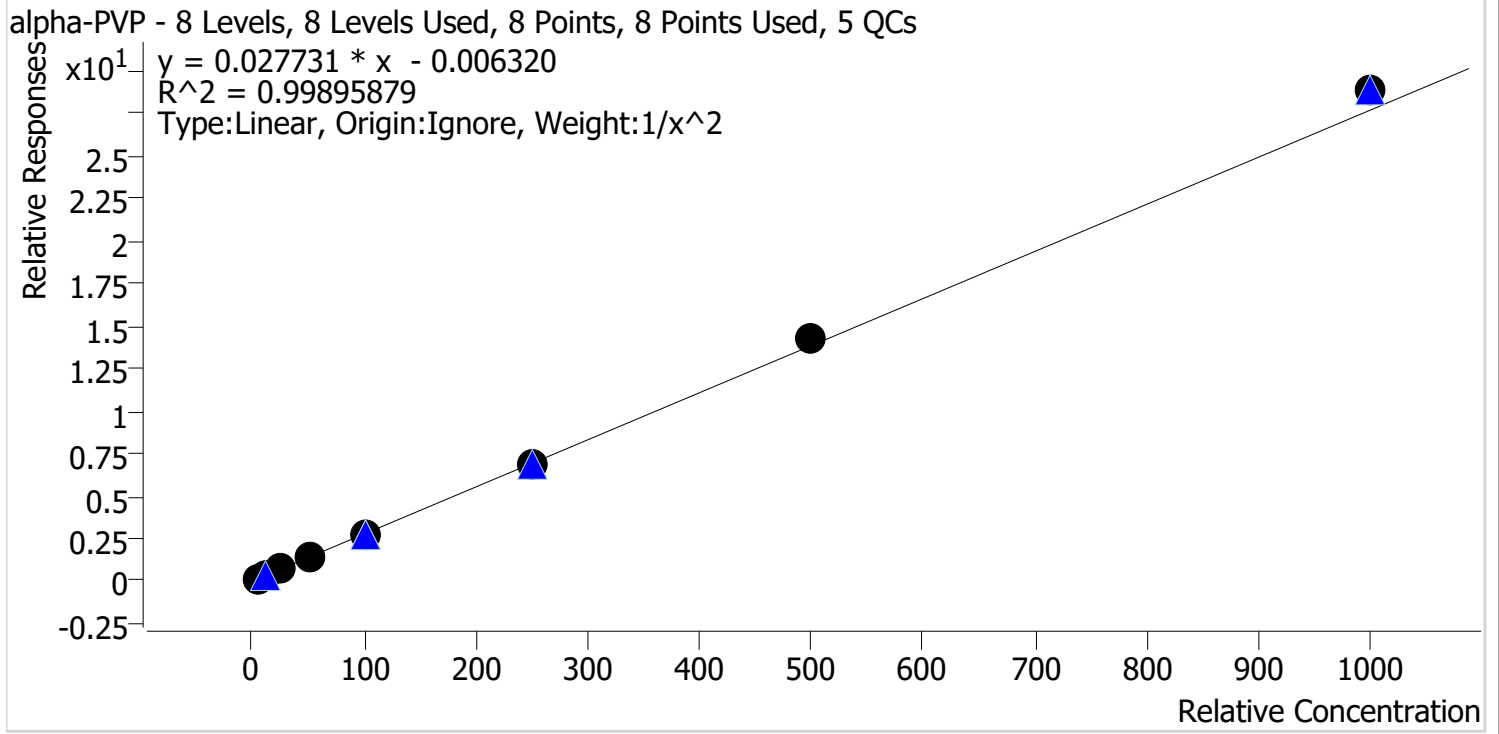
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	232.3	92.9
p1 Cal 7-500ng	7	✓	500.0	469.9	94.0
p1 Cal 8-1000ng	8	✓	1000.0	972.6	97.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	517.0	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1039.7	104.0

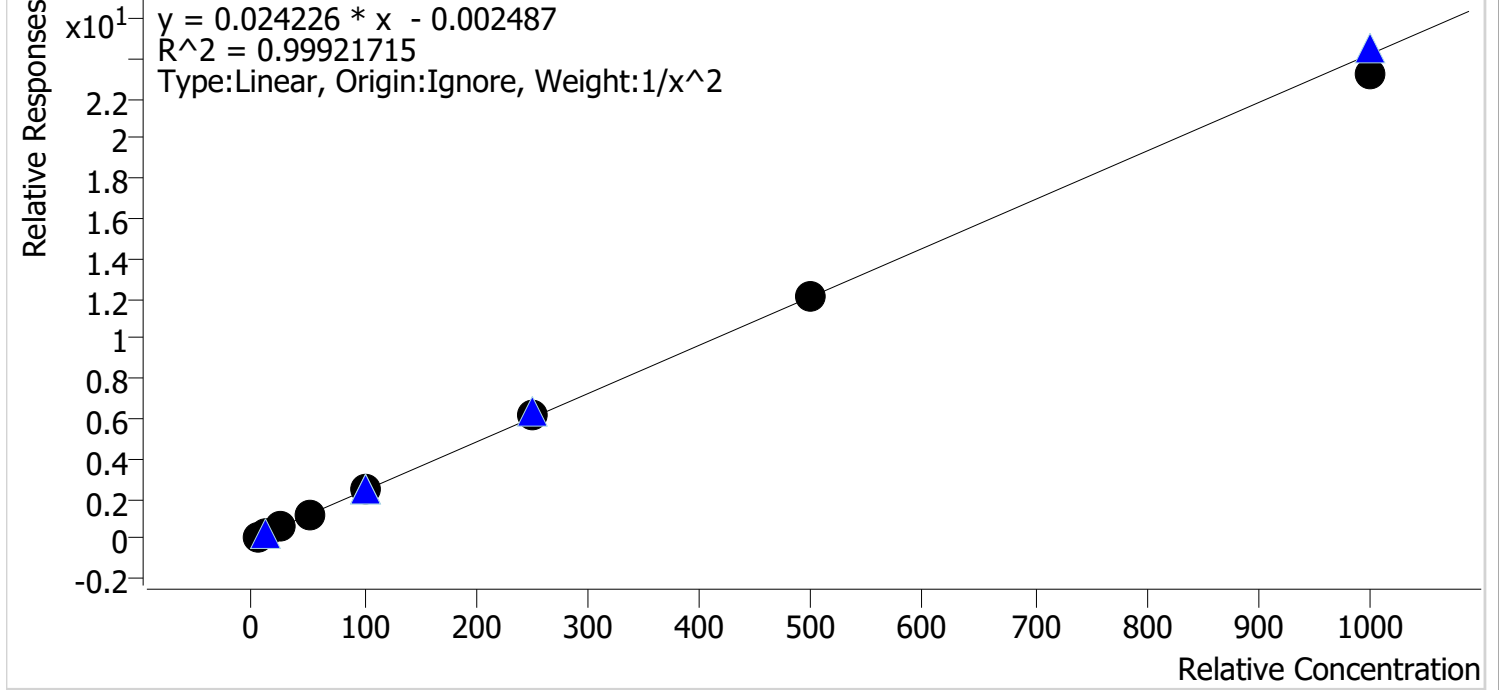
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	497.8	99.6
p1 Cal 8-1000ng	8	✓	1000.0	959.7	96.0

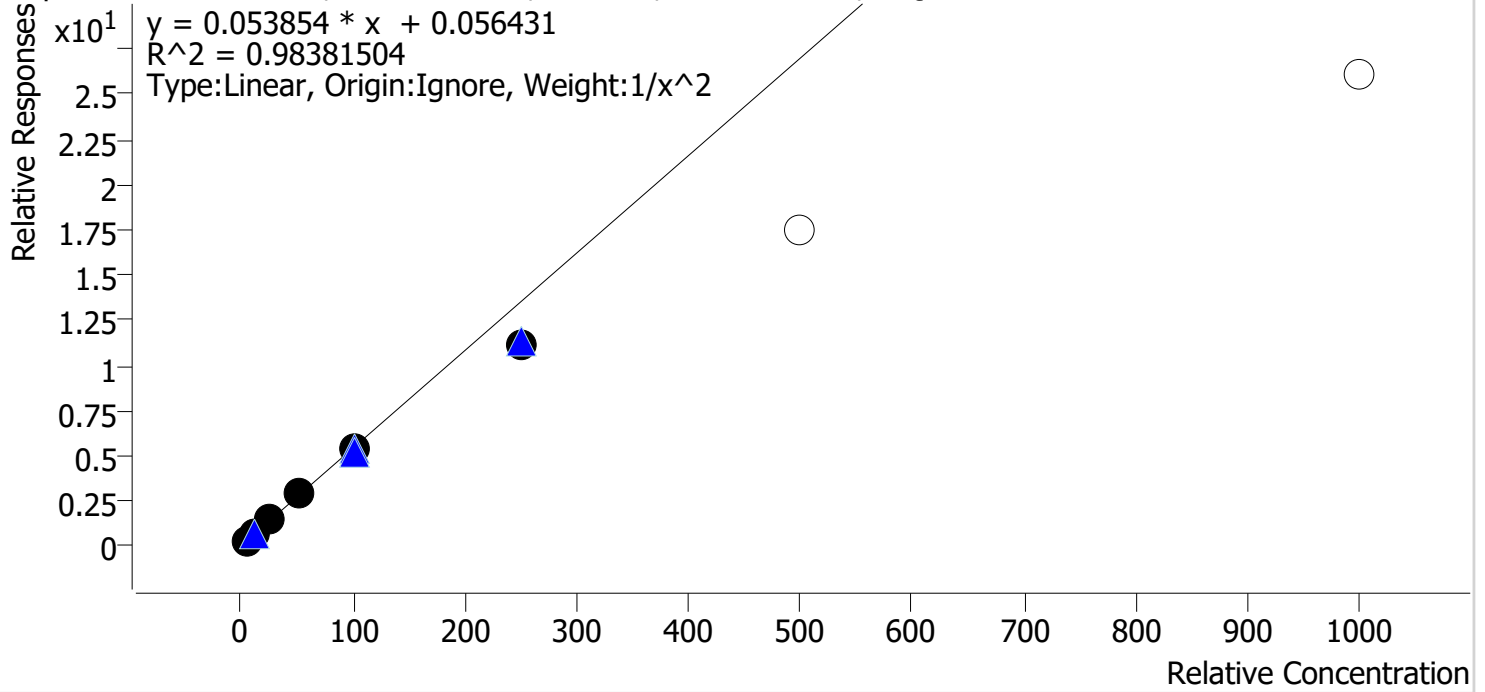
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.5
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	206.3	82.5
p1 Cal 7-500ng	7	x	500.0	324.5	64.9
p1 Cal 8-1000ng	8	x	1000.0	483.4	48.3

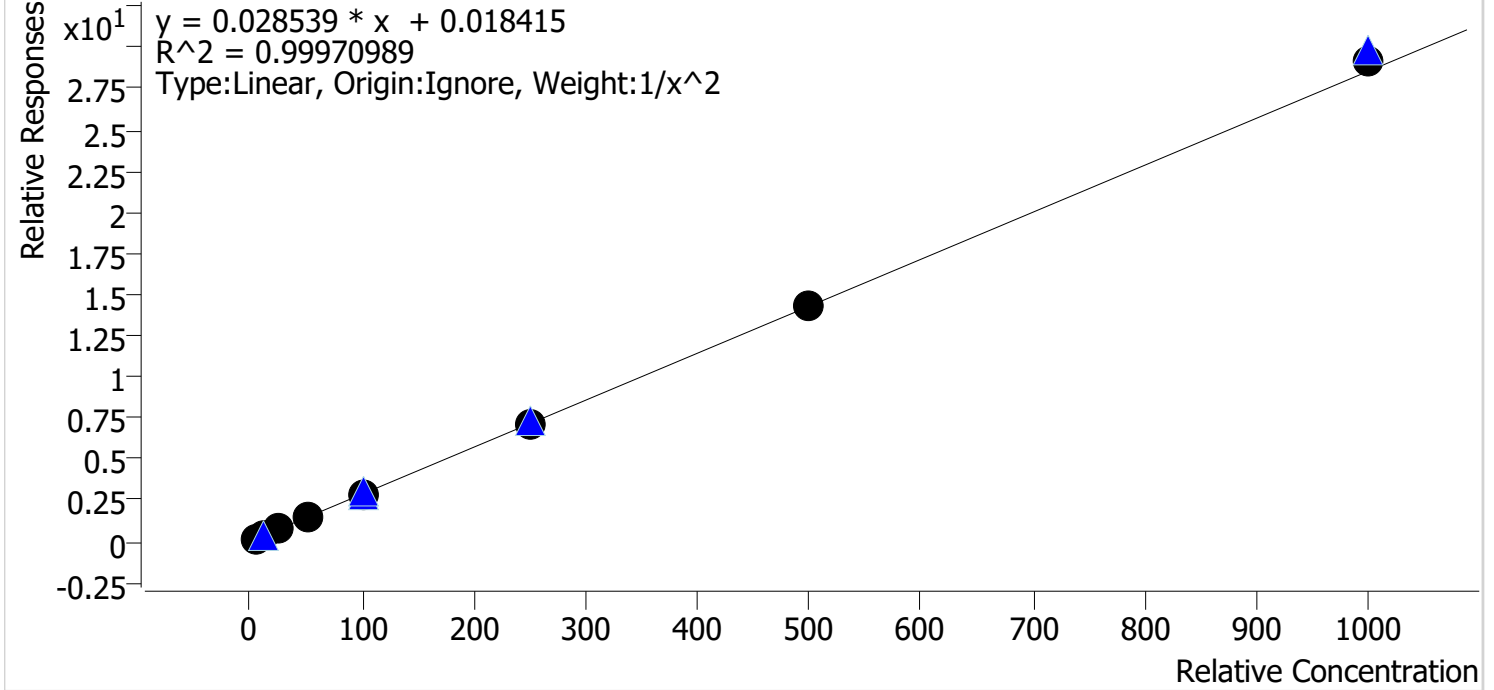
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1017.8	101.8



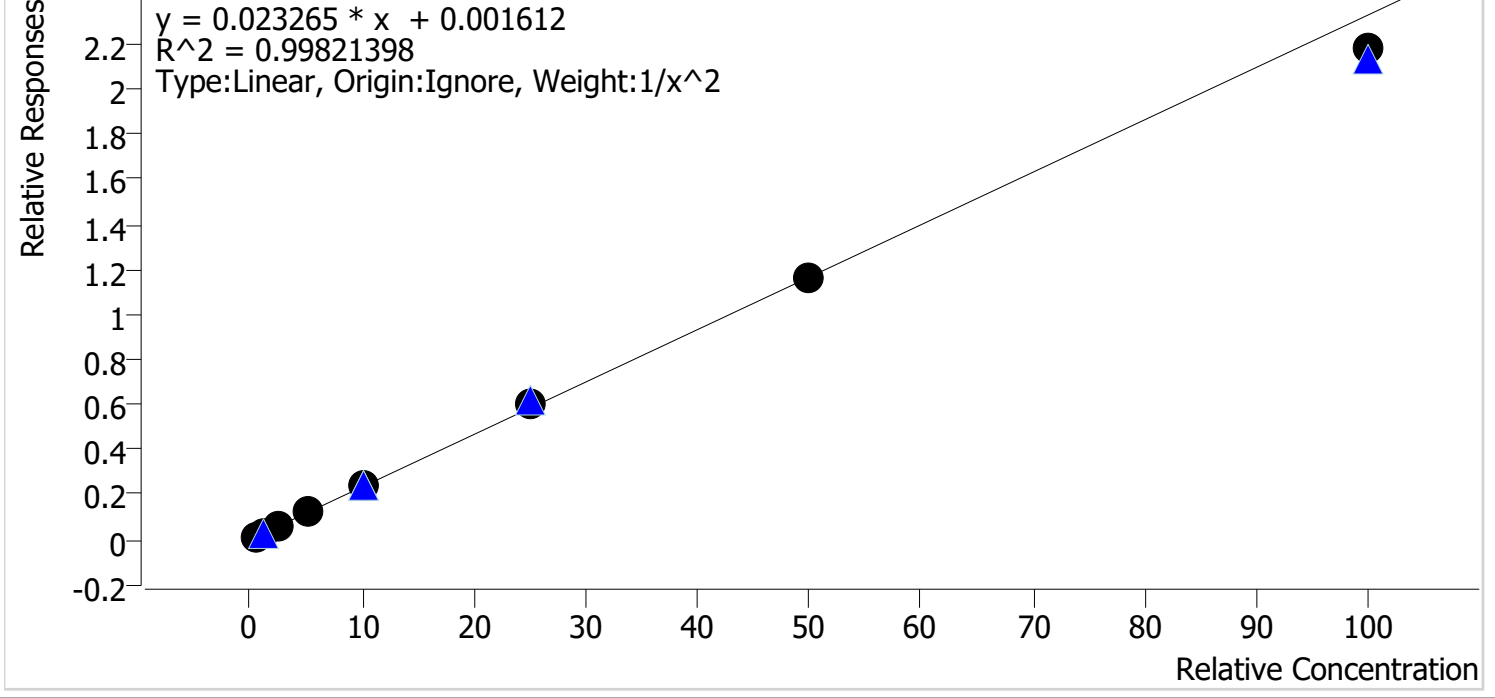
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

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



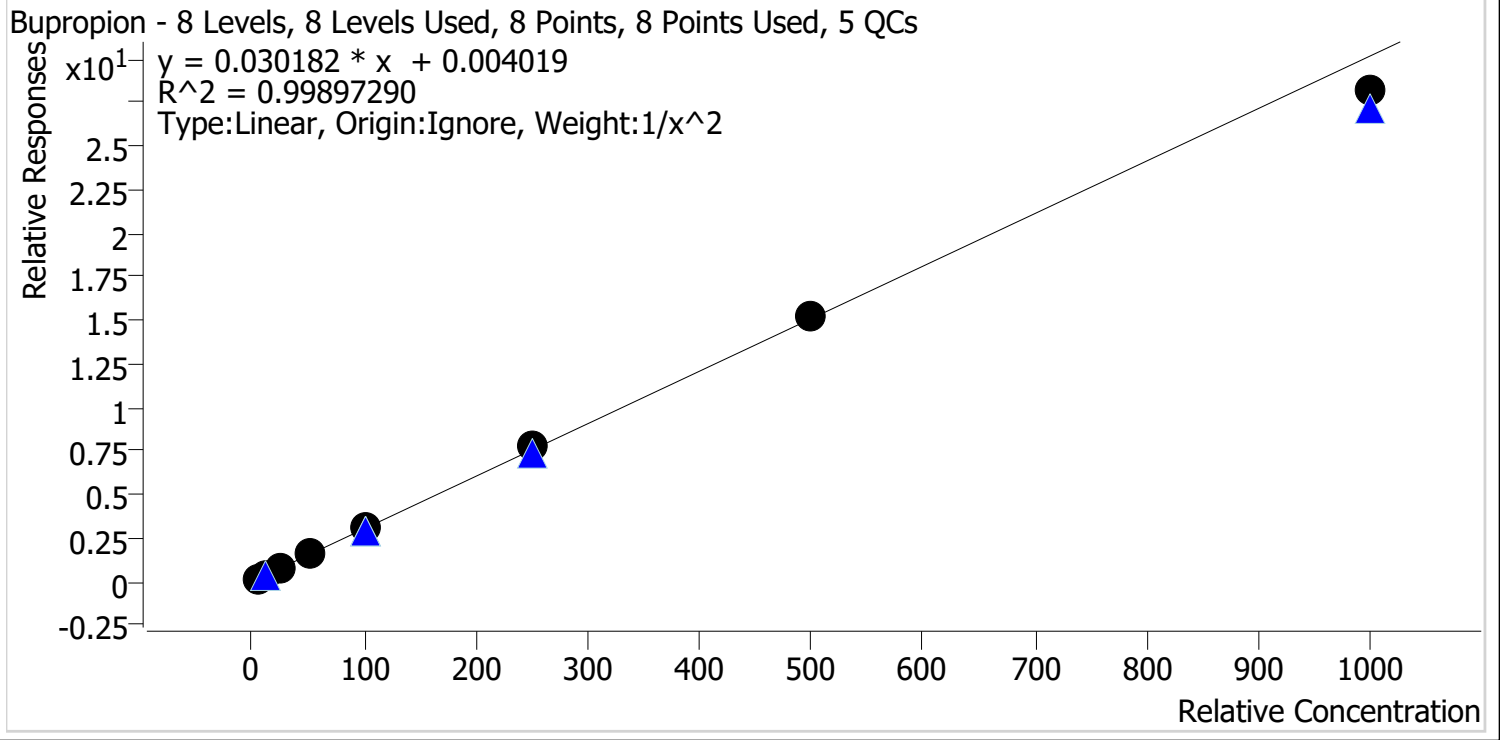
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.9
p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.3
p1 Cal 4-50ng	4	✓	5.0	5.1	102.6
p1 Cal 5-100ng	5	✓	10.0	10.6	105.5
p1 Cal 6-250ng	6	✓	25.0	25.5	102.1
p1 Cal 7-500ng	7	✓	50.0	49.9	99.8
p1 Cal 8-1000ng	8	✓	100.0	93.6	93.6

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	934.1	93.4

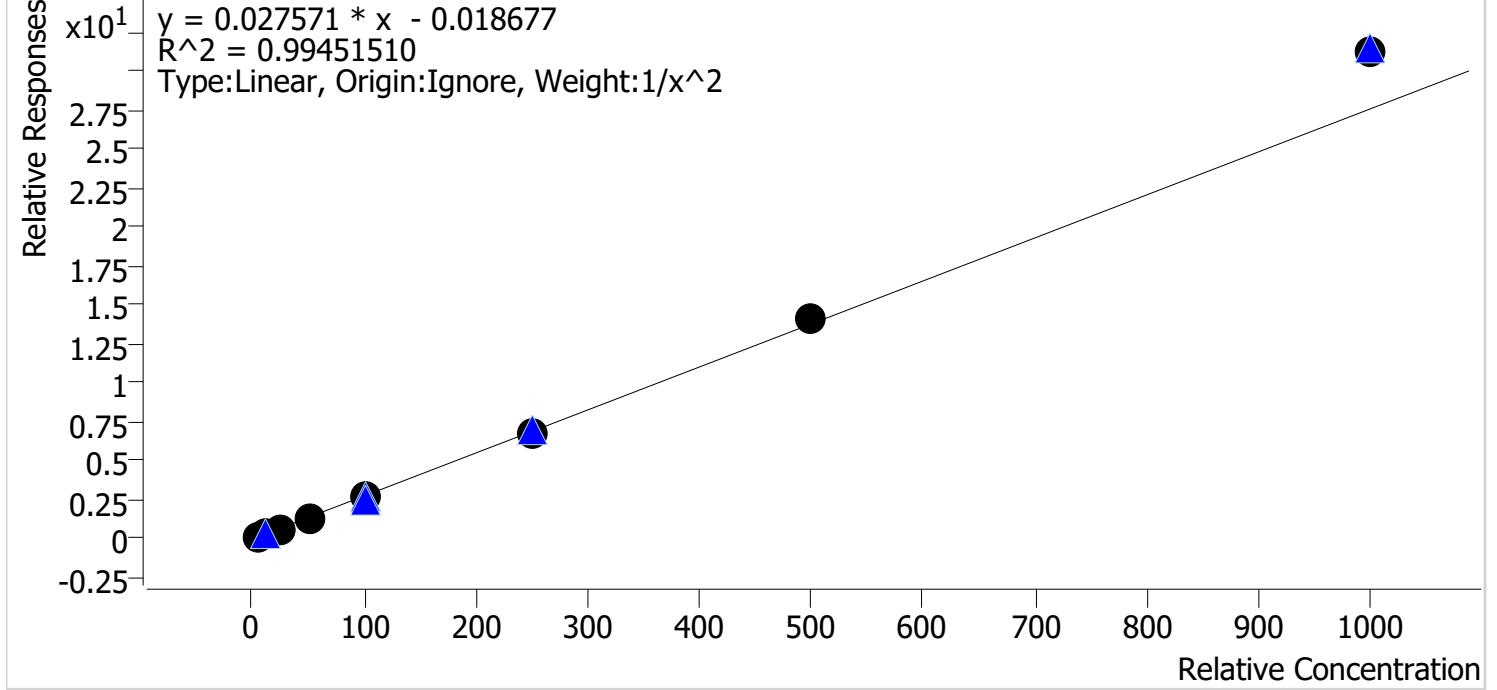
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7

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



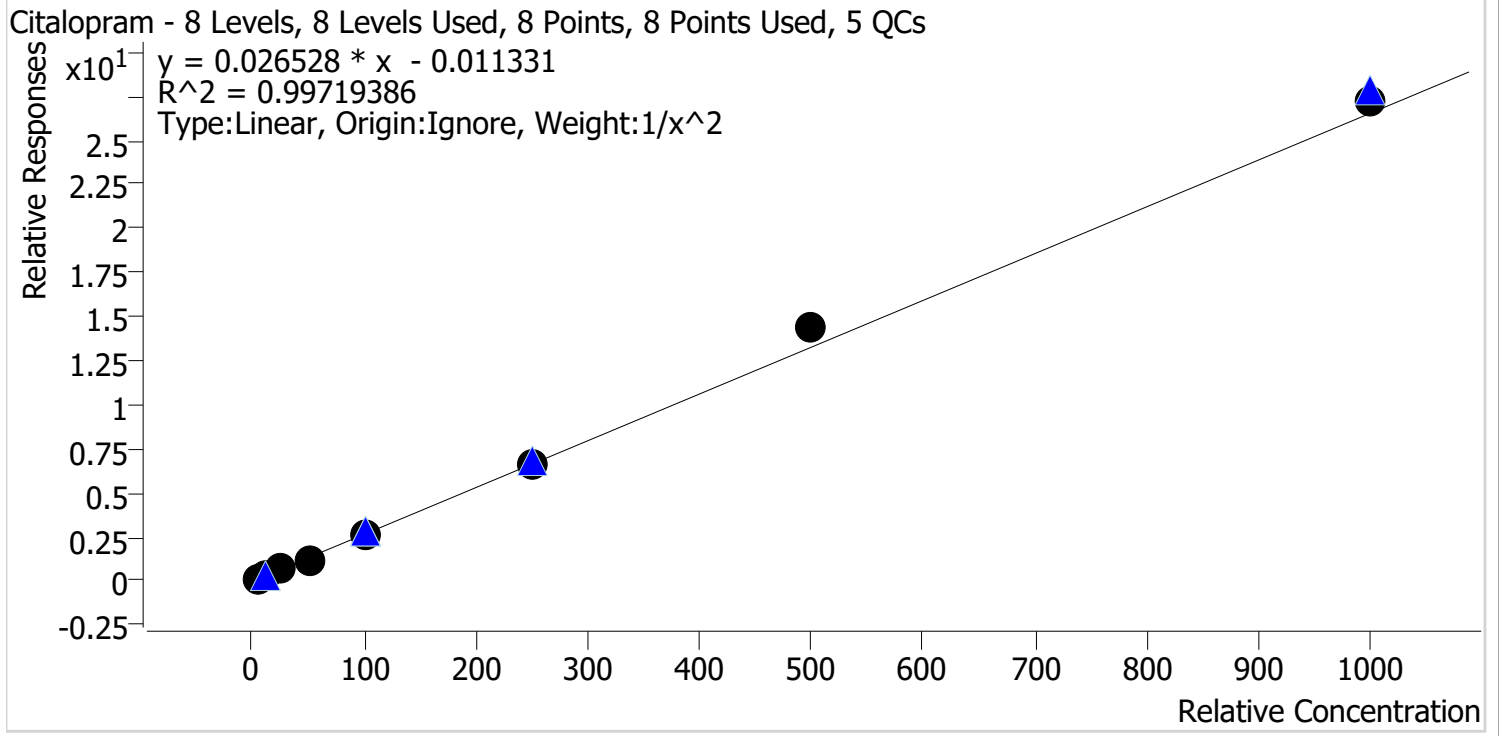
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	47.9	95.7
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	243.4	97.4
p1 Cal 7-500ng	7	✓	500.0	513.2	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1130.6	113.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6



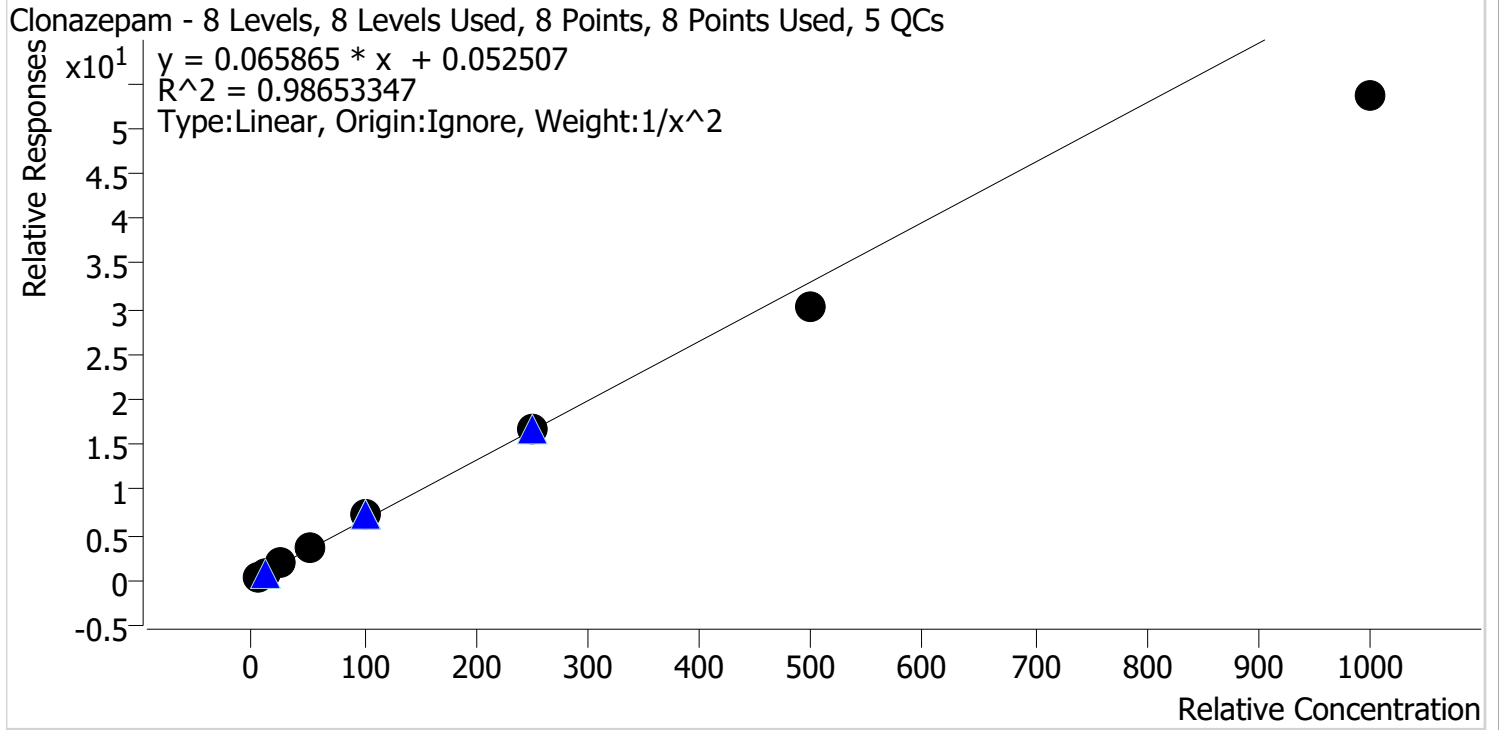
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	542.8	108.6
p1 Cal 8-1000ng	8	✓	1000.0	1027.1	102.7

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	109.2	109.2
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	456.4	91.3
p1 Cal 8-1000ng	8	✓	1000.0	815.7	81.6

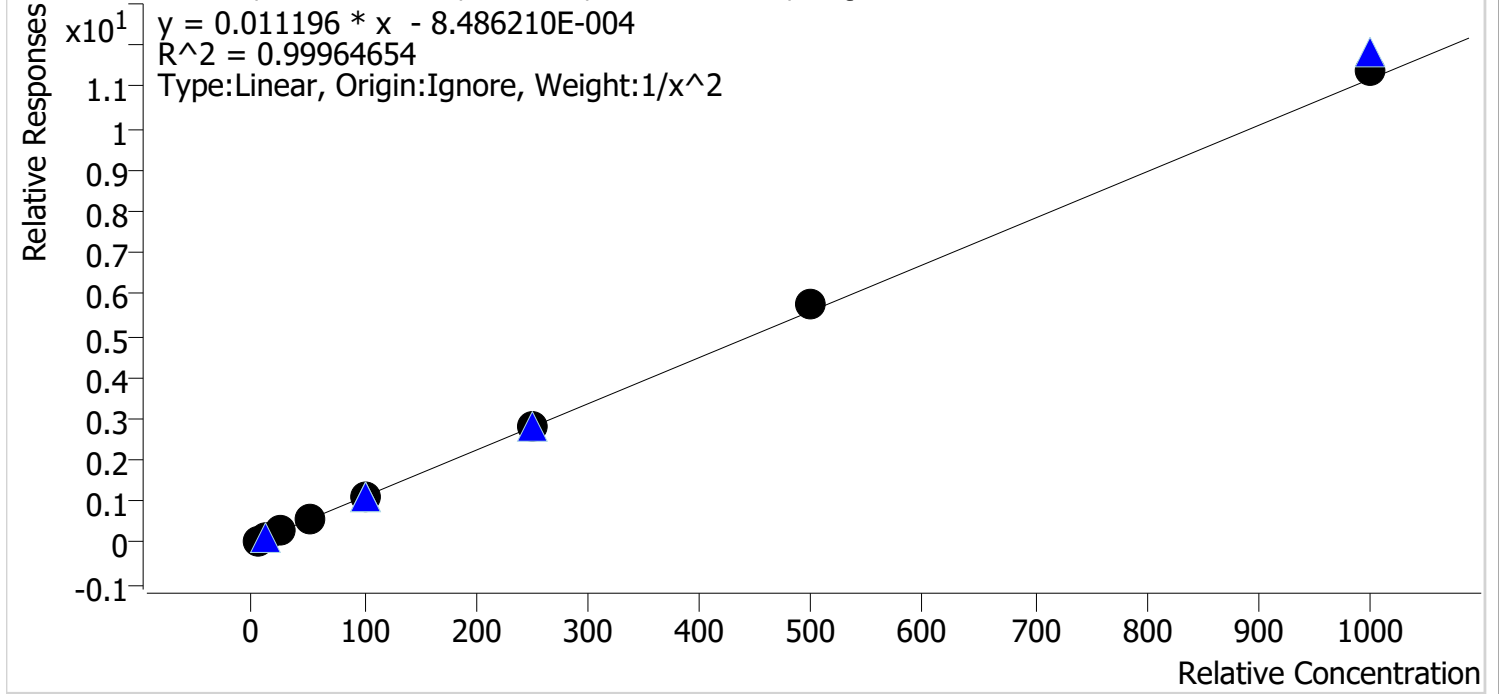
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	512.9	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1015.0	101.5

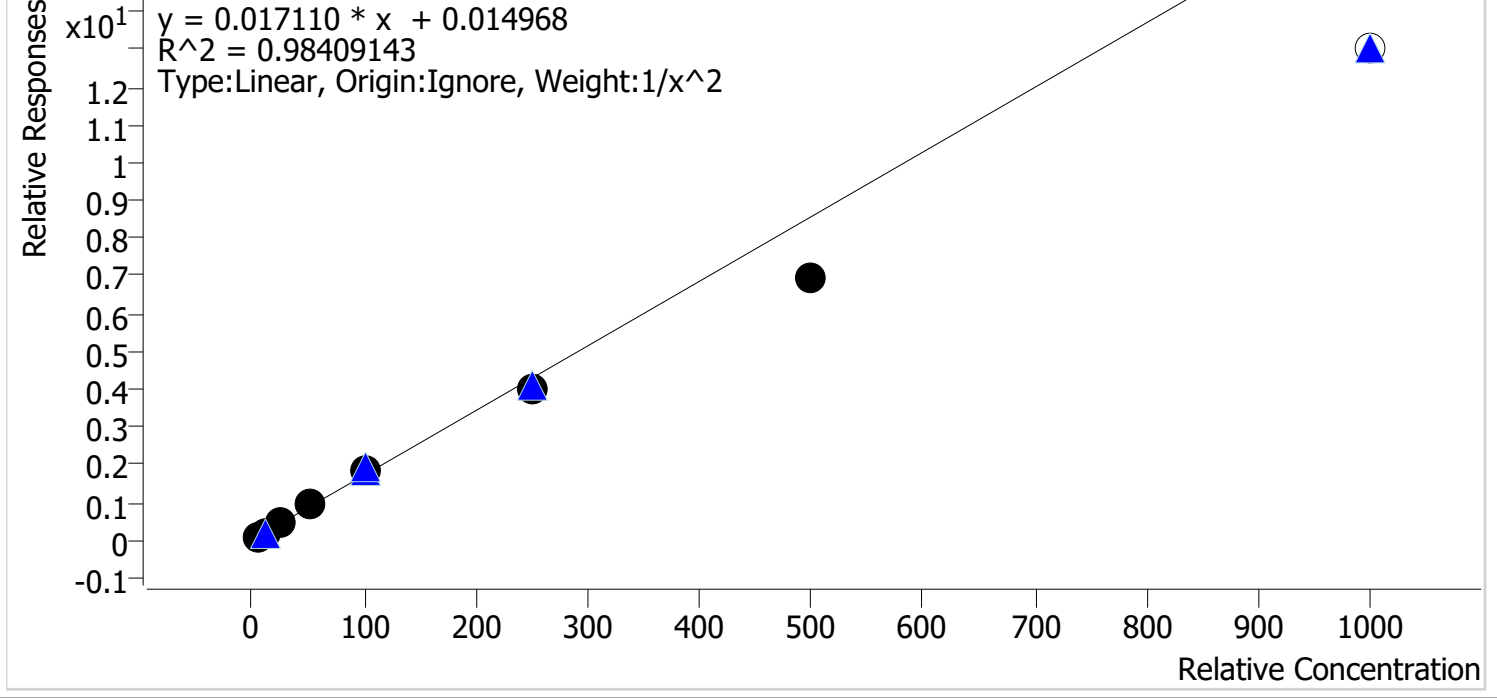
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



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	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	27.7	111.0
p1 Cal 4-50ng	4	✓	50.0	55.5	110.9
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	234.1	93.6
p1 Cal 7-500ng	7	✓	500.0	406.0	81.2
p1 Cal 8-1000ng	8	✗	1000.0	759.4	75.9

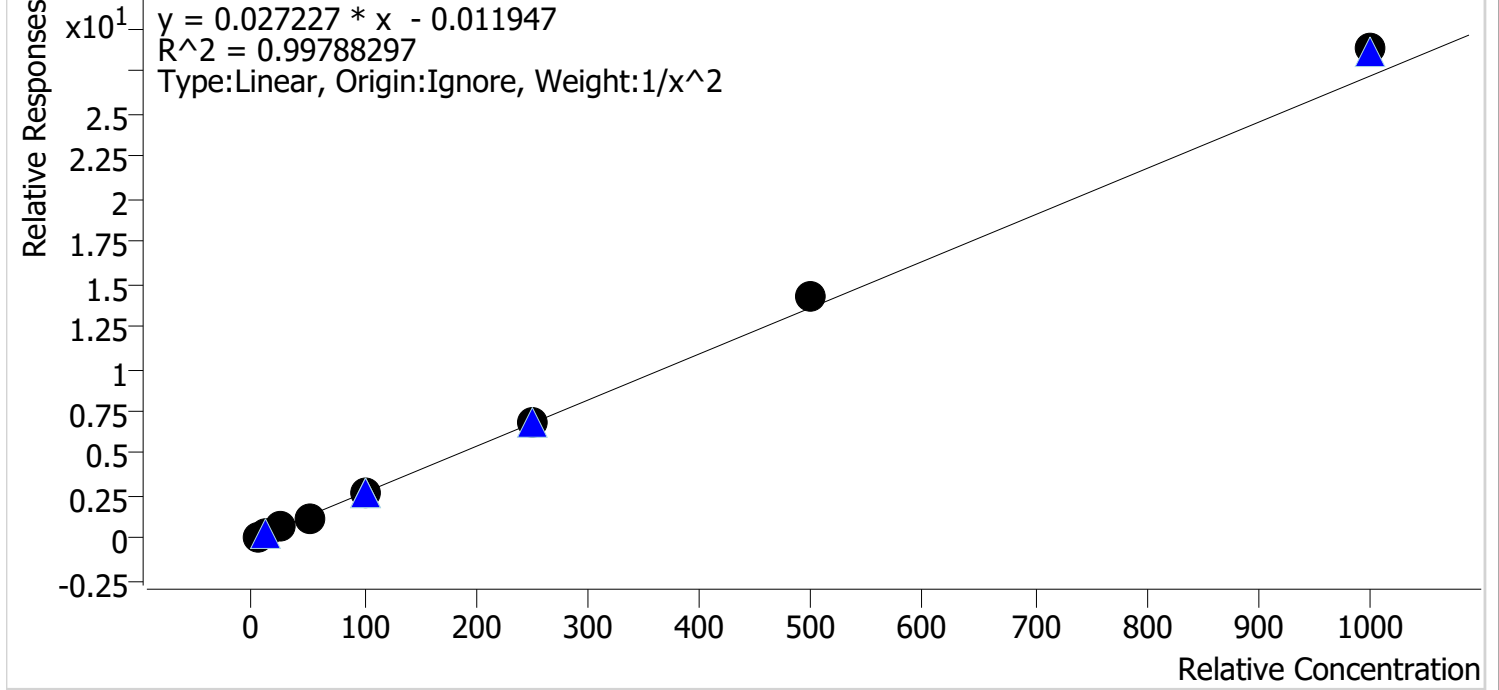
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1059.1	105.9



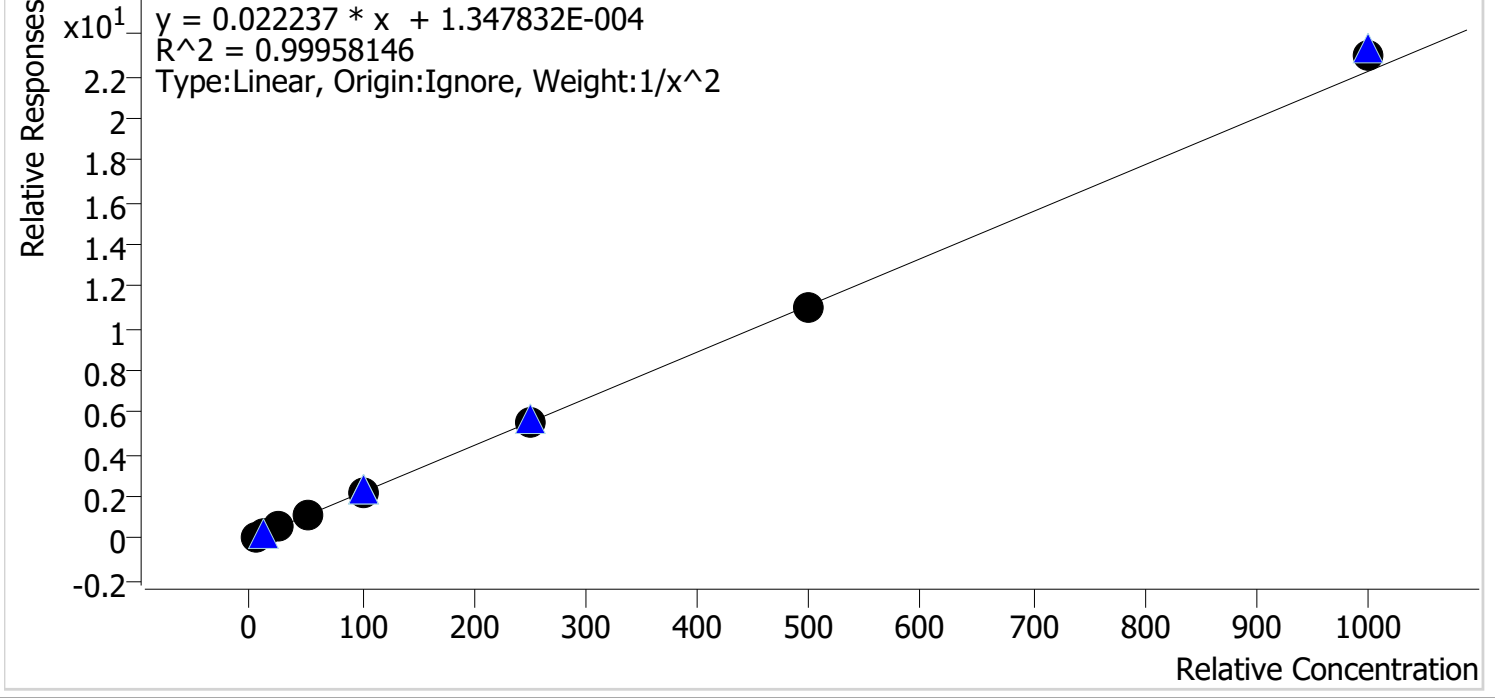
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



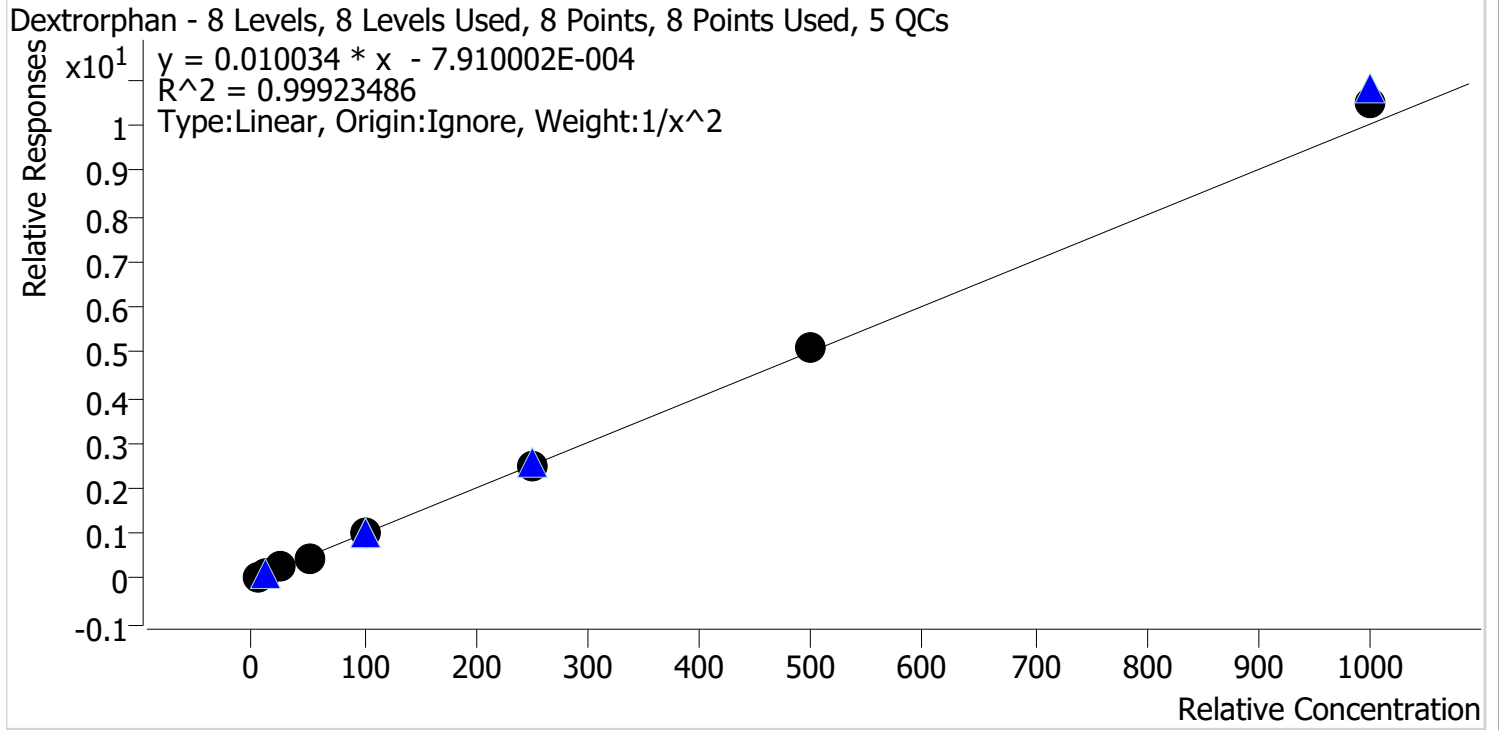
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1037.9	103.8

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Dextrorphan **Internal Standard** Dextrorphan-D3



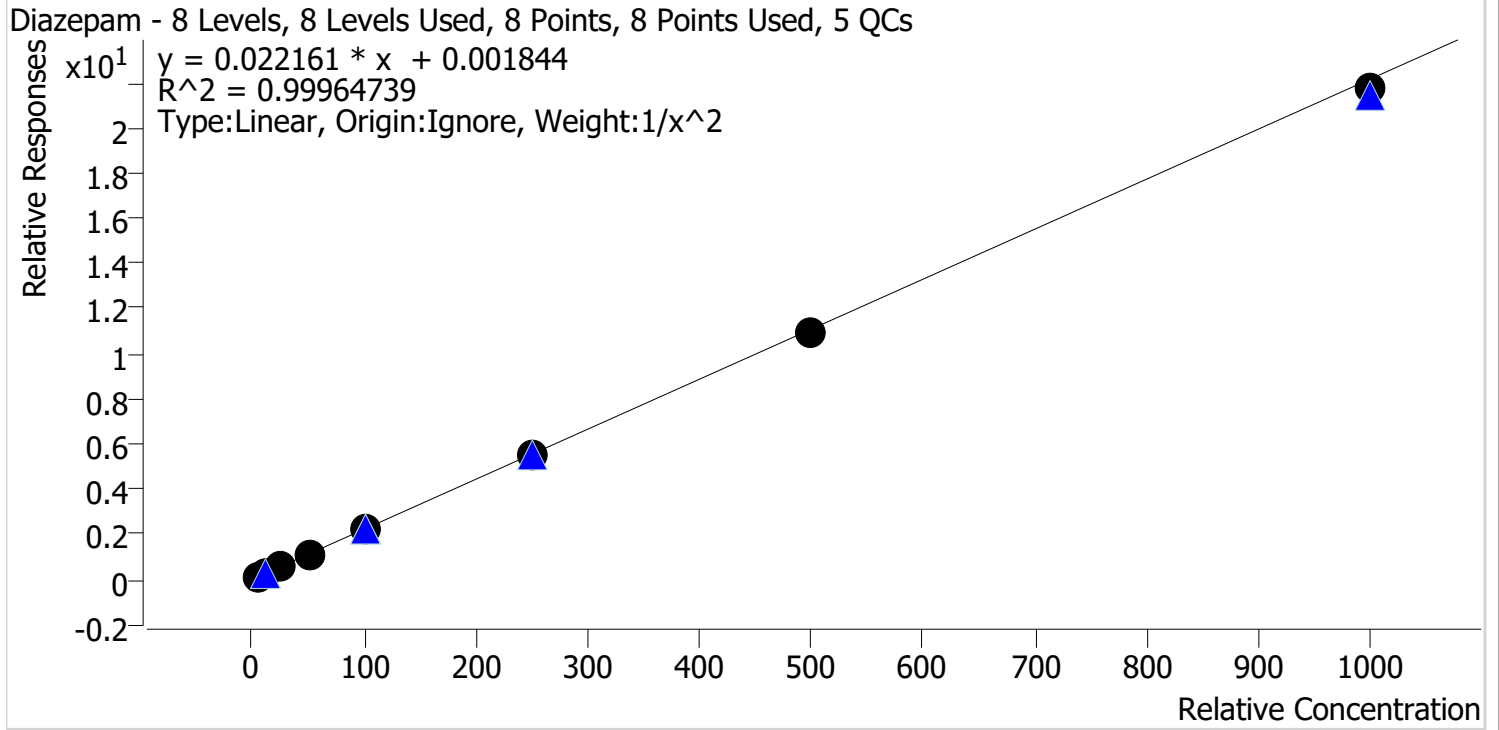
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1045.4	104.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	981.0	98.1

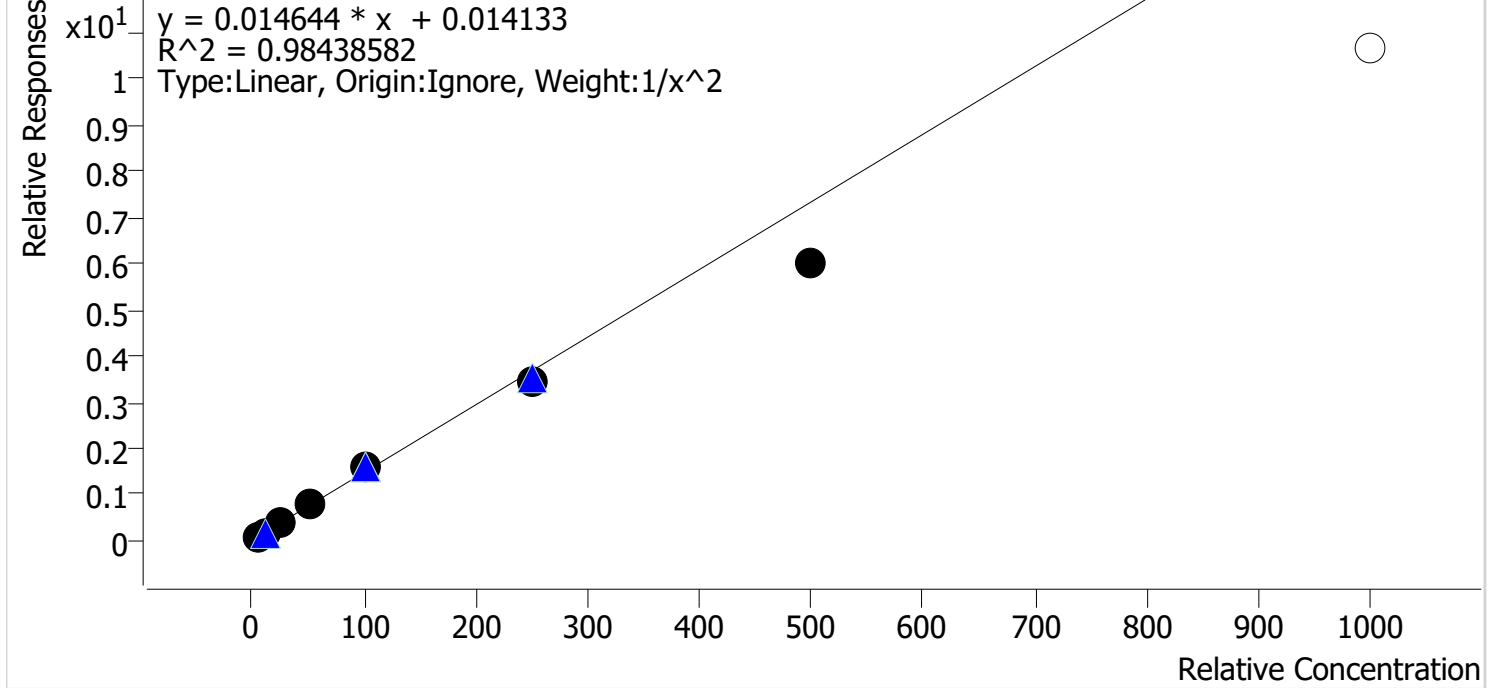
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.5
p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	231.8	92.7
p1 Cal 7-500ng	7	✓	500.0	407.6	81.5
p1 Cal 8-1000ng	8	✗	1000.0	726.6	72.7

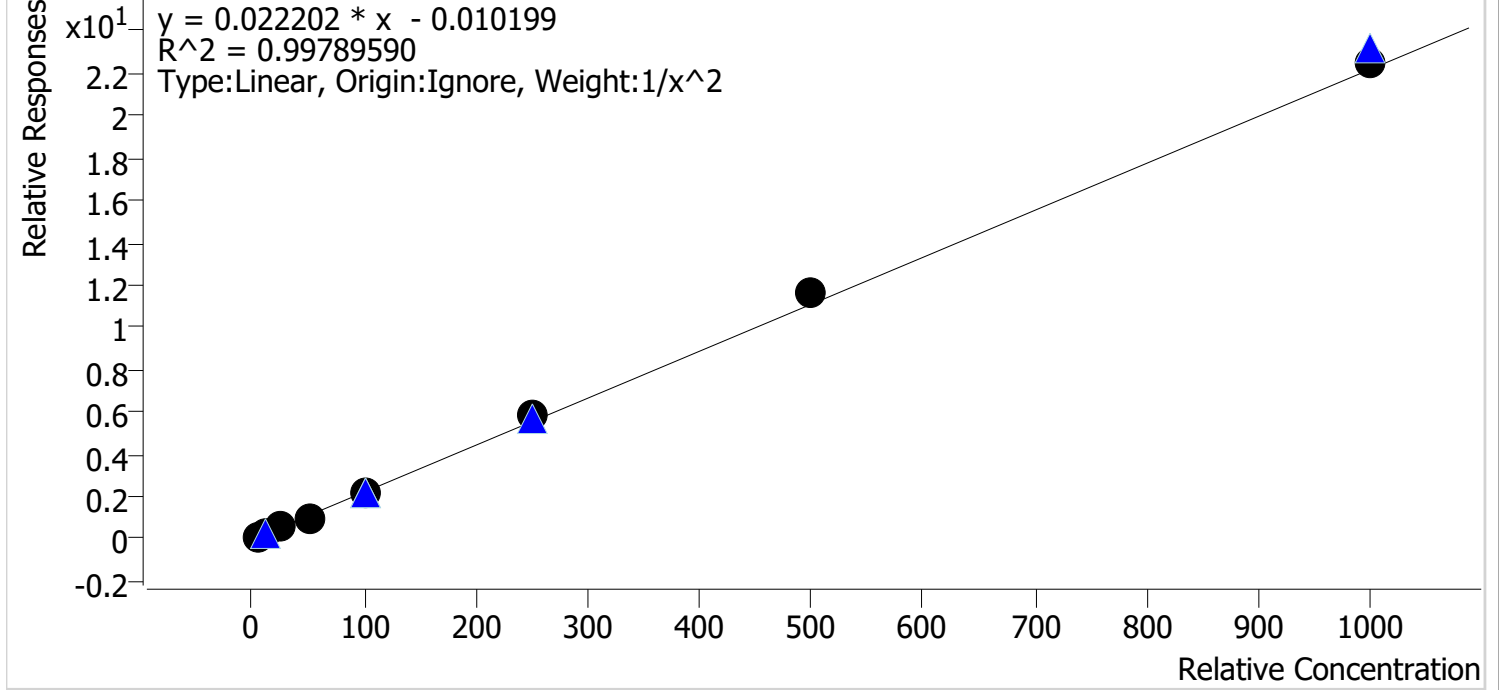
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



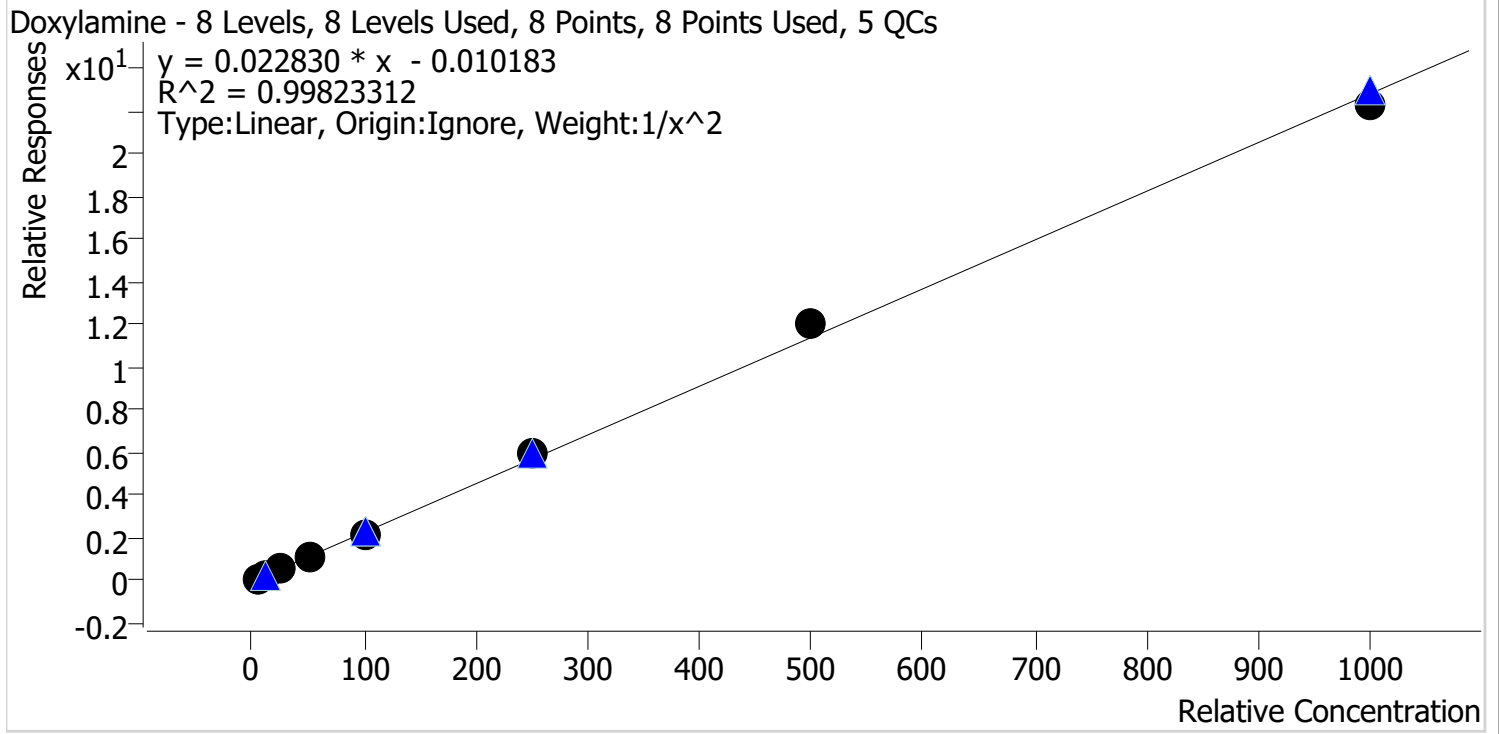
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	261.4	104.6
p1 Cal 7-500ng	7	✓	500.0	525.2	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1011.7	101.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	260.7	104.3
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	975.1	97.5

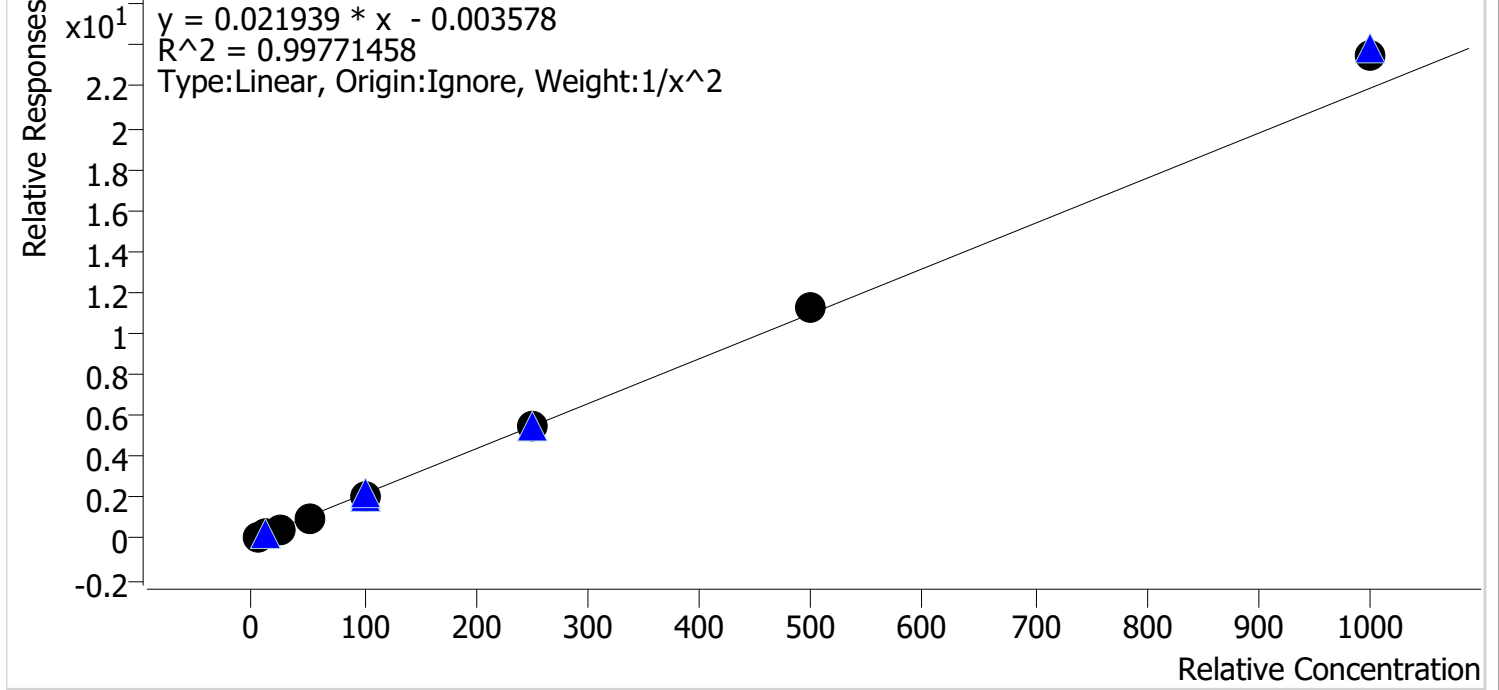
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	514.2	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1076.2	107.6

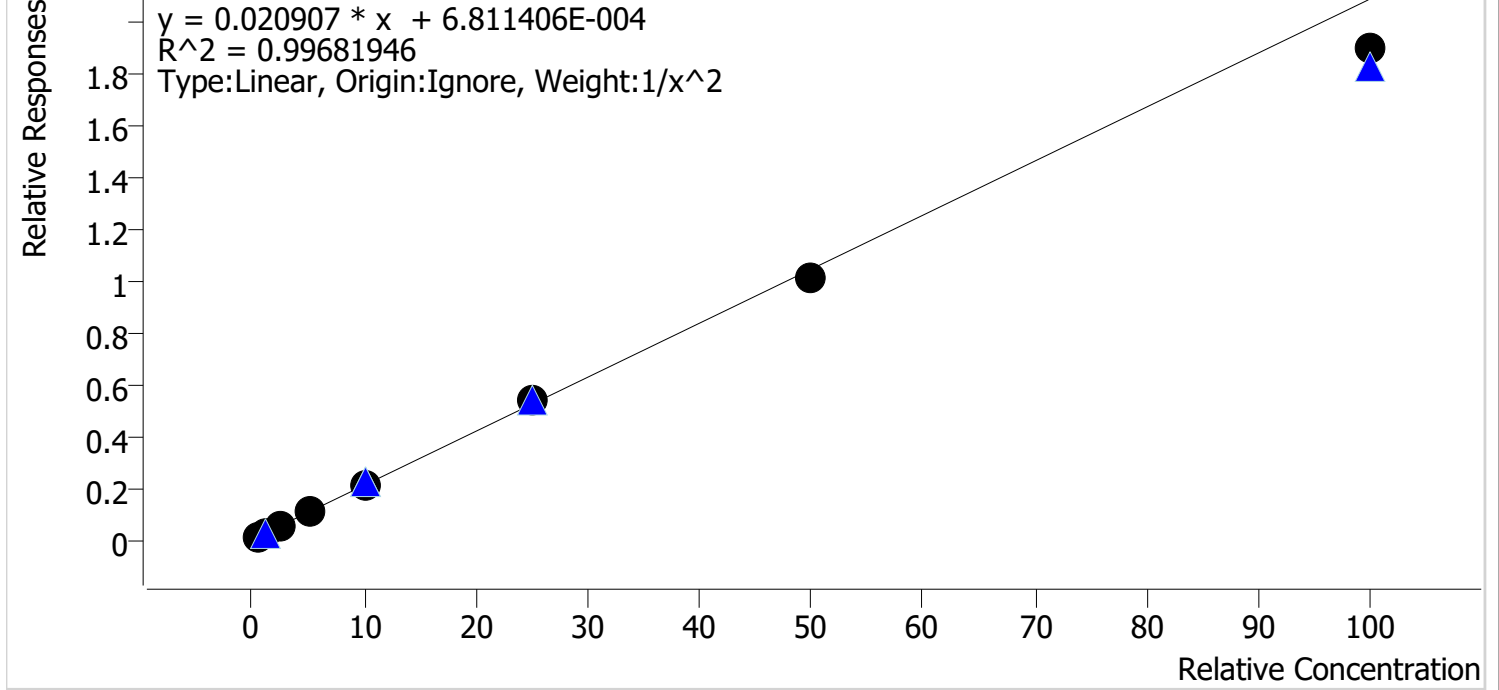
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.4
p1 Cal 2-10ng	2	✓	1.0	1.1	106.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.4
p1 Cal 4-50ng	4	✓	5.0	5.1	102.9
p1 Cal 5-100ng	5	✓	10.0	10.3	102.6
p1 Cal 6-250ng	6	✓	25.0	25.8	103.2
p1 Cal 7-500ng	7	✓	50.0	48.7	97.4
p1 Cal 8-1000ng	8	✓	100.0	90.8	90.8

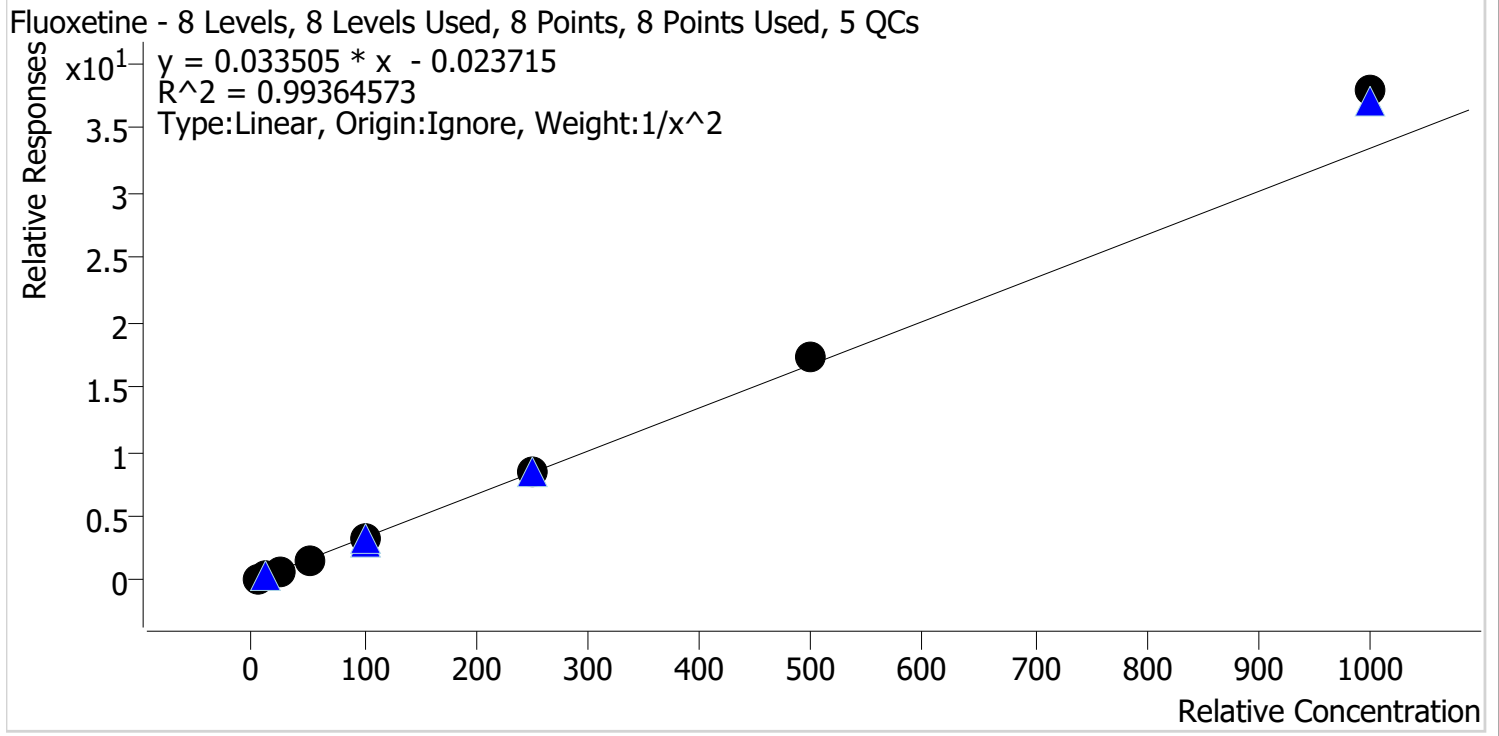


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6



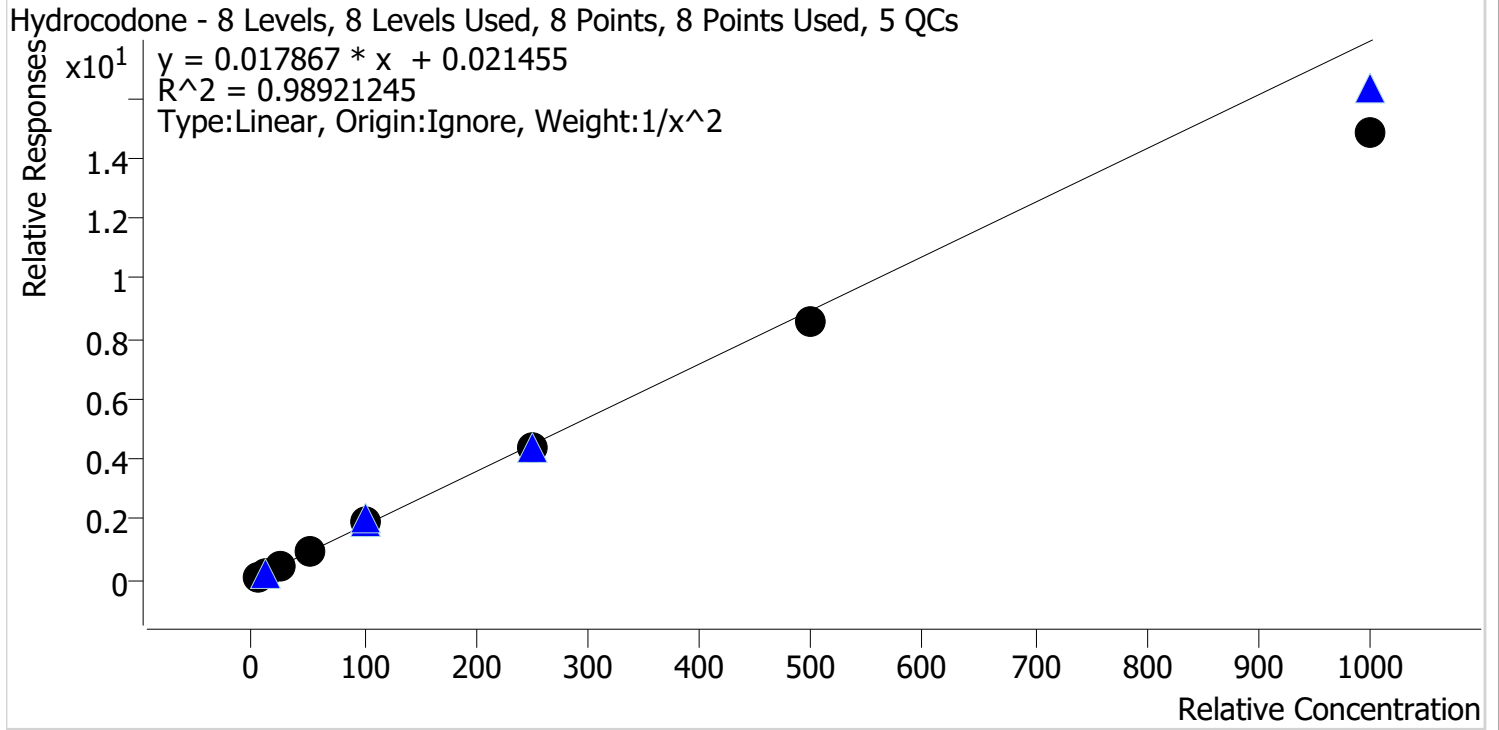
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.2
p1 Cal 4-50ng	4	✓	50.0	46.3	92.7
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	514.2	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1133.2	113.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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	4.7	94.5
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	476.3	95.3
p1 Cal 8-1000ng	8	✓	1000.0	827.0	82.7

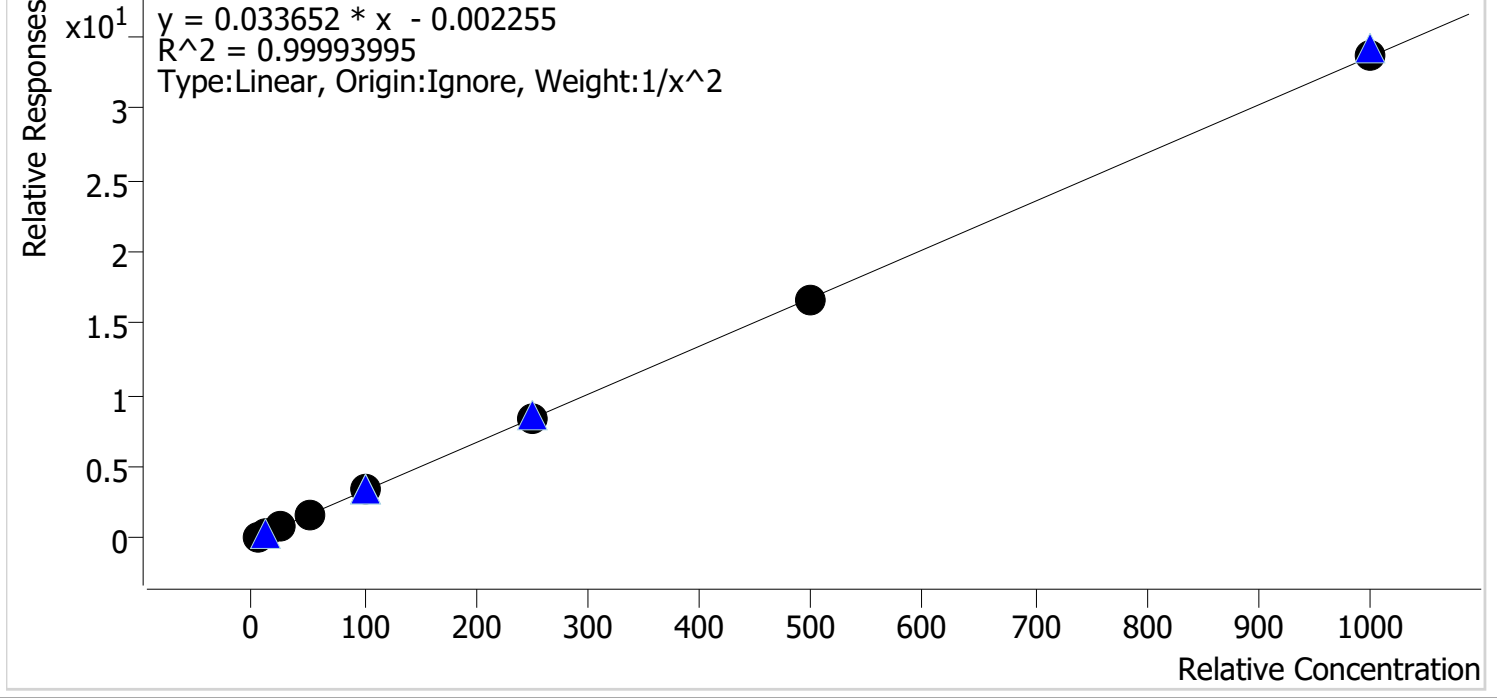
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6

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



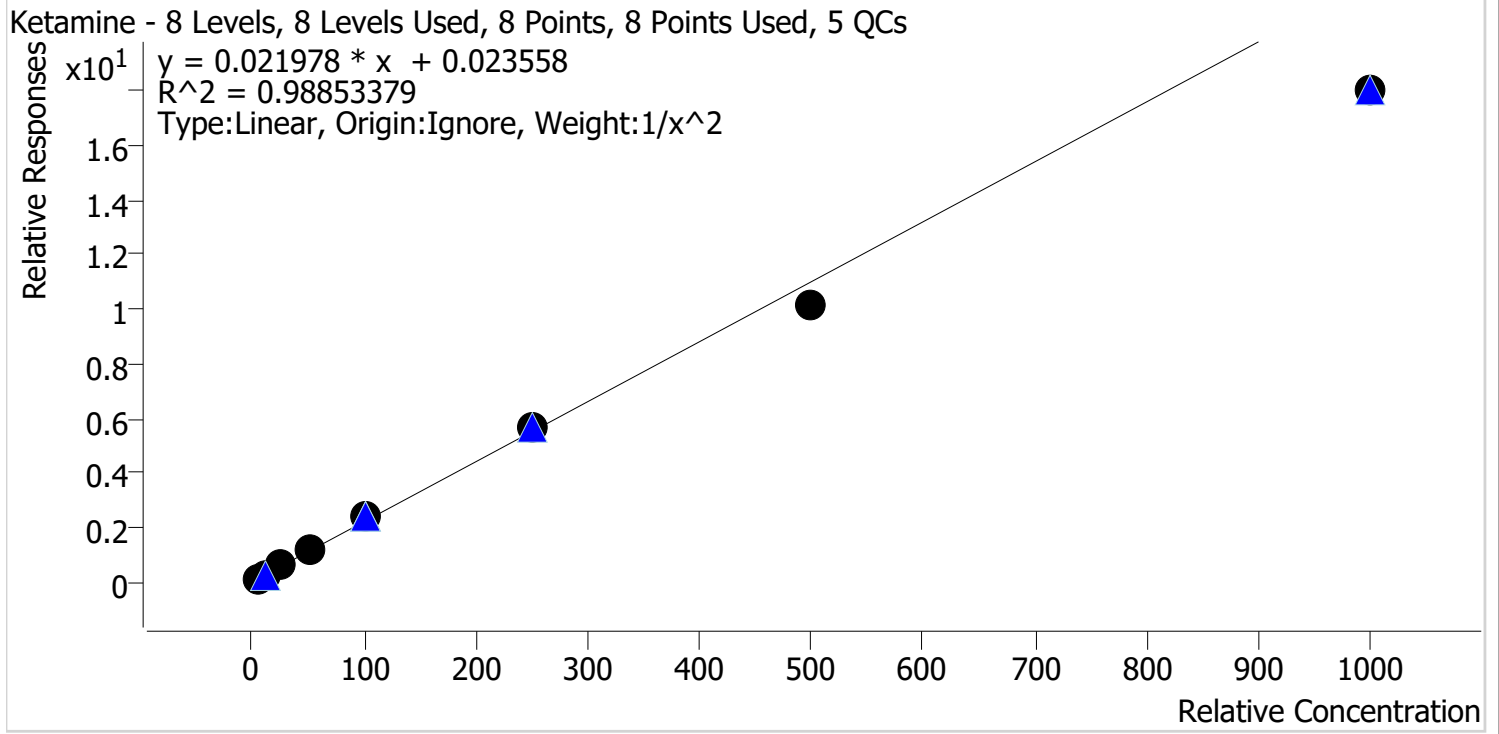
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1004.5	100.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	257.9	103.1
p1 Cal 7-500ng	7	✓	500.0	462.1	92.4
p1 Cal 8-1000ng	8	✓	1000.0	818.8	81.9

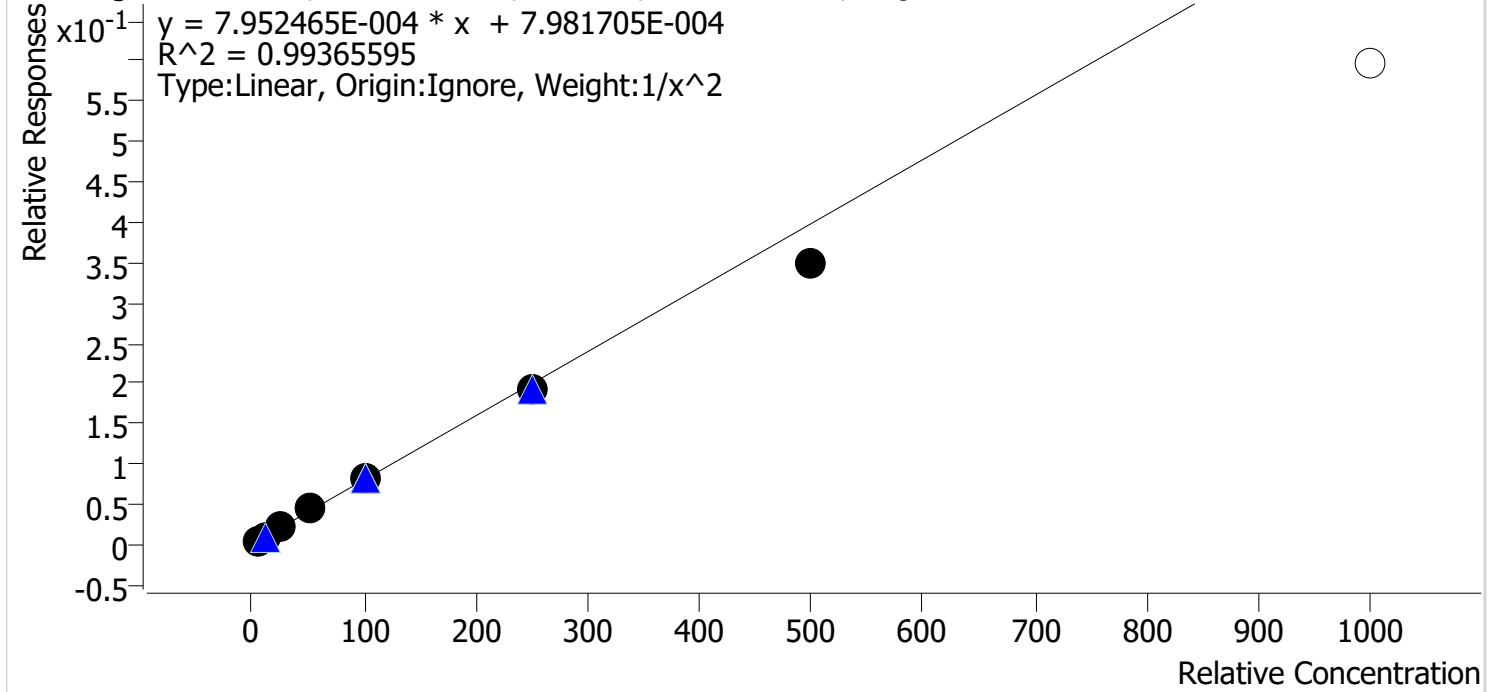
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Lamotrigine **Internal Standard** Pseudoephedrine-D3

Lamotrigine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



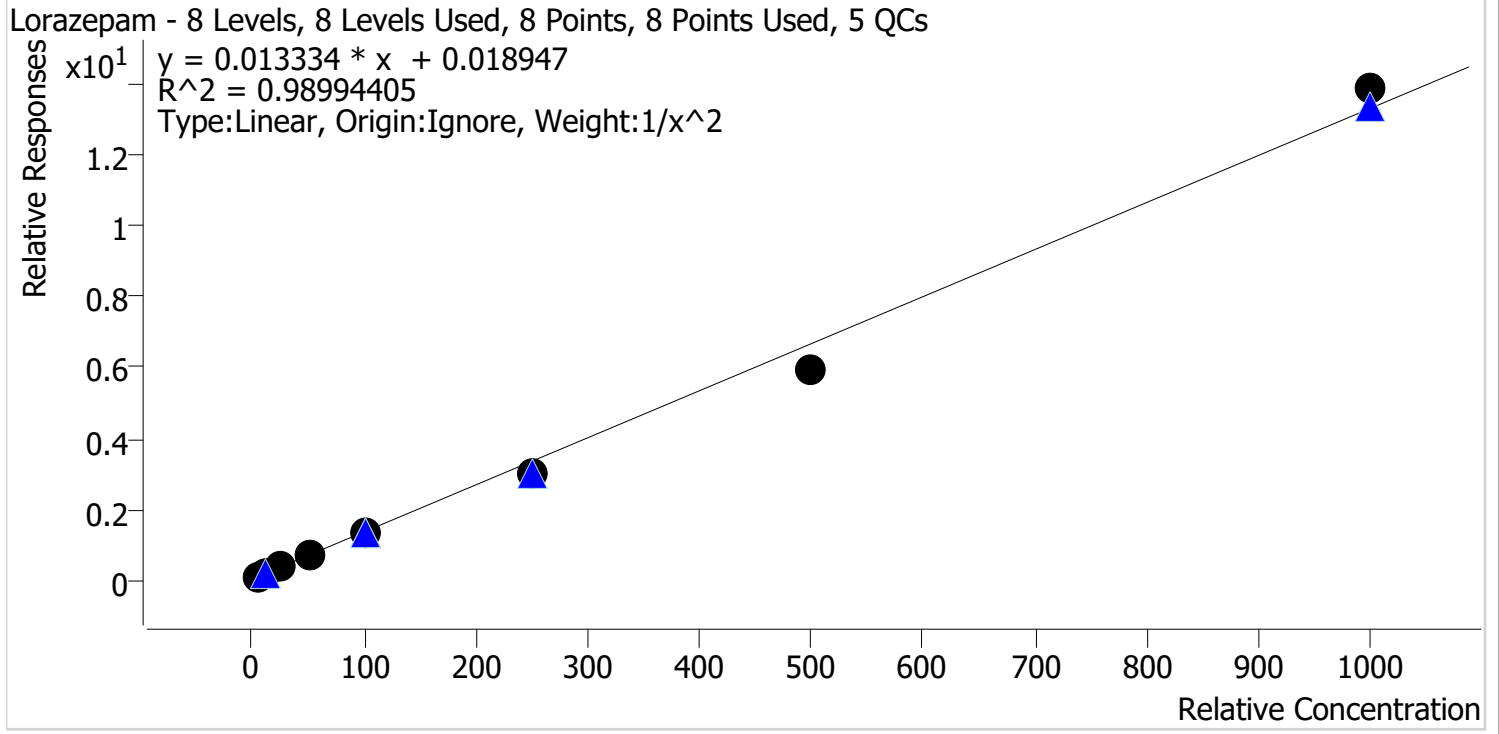
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	438.0	87.6
p1 Cal 8-1000ng	8	✗	1000.0	749.4	74.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5



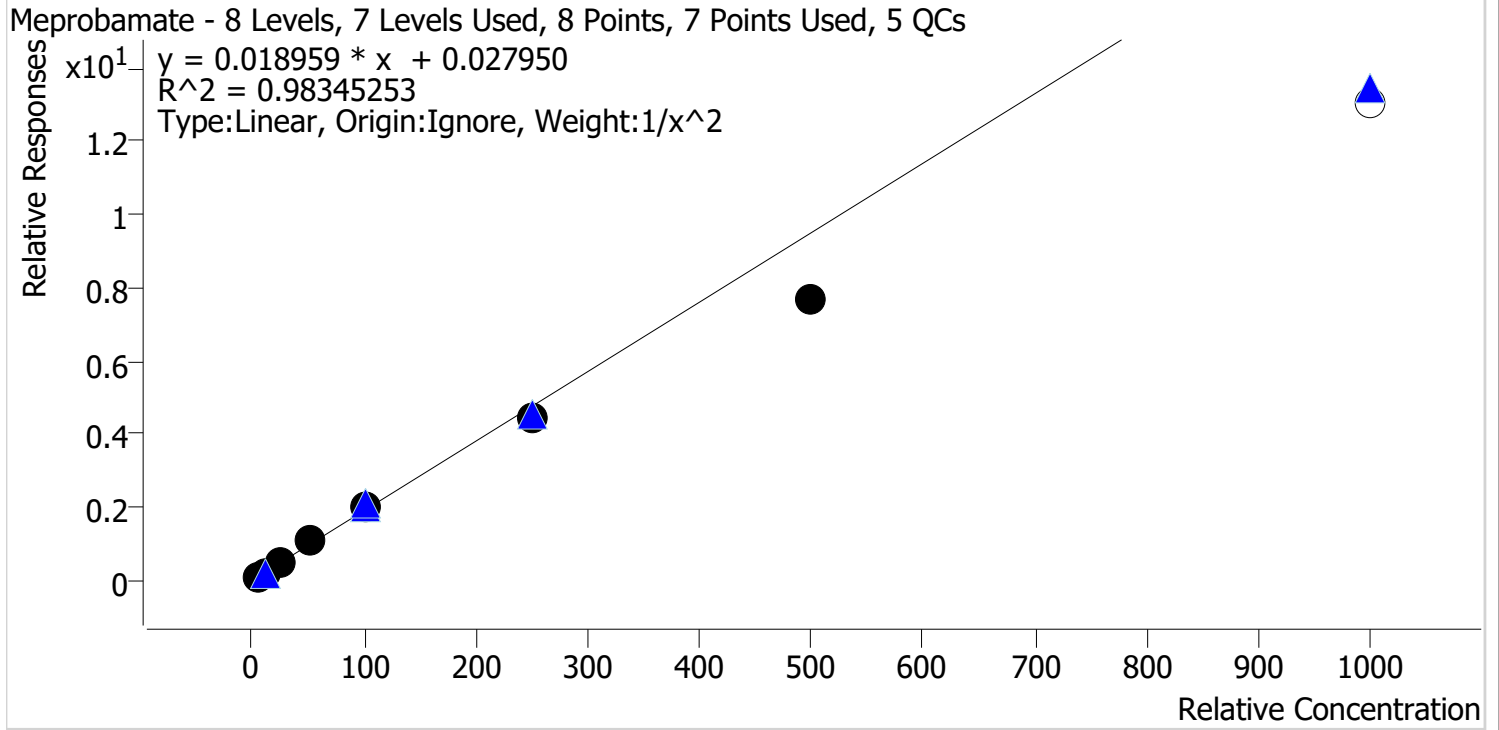
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.2
p1 Cal 2-10ng	2	✓	10.0	10.9	109.0
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.2
p1 Cal 4-50ng	4	✓	50.0	53.1	106.3
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	221.3	88.5
p1 Cal 7-500ng	7	✓	500.0	446.8	89.4
p1 Cal 8-1000ng	8	✓	1000.0	1042.2	104.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.1
p1 Cal 4-50ng	4	✓	50.0	56.3	112.6
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	231.2	92.5
p1 Cal 7-500ng	7	✓	500.0	406.7	81.3
p1 Cal 8-1000ng	8	x	1000.0	689.5	69.0

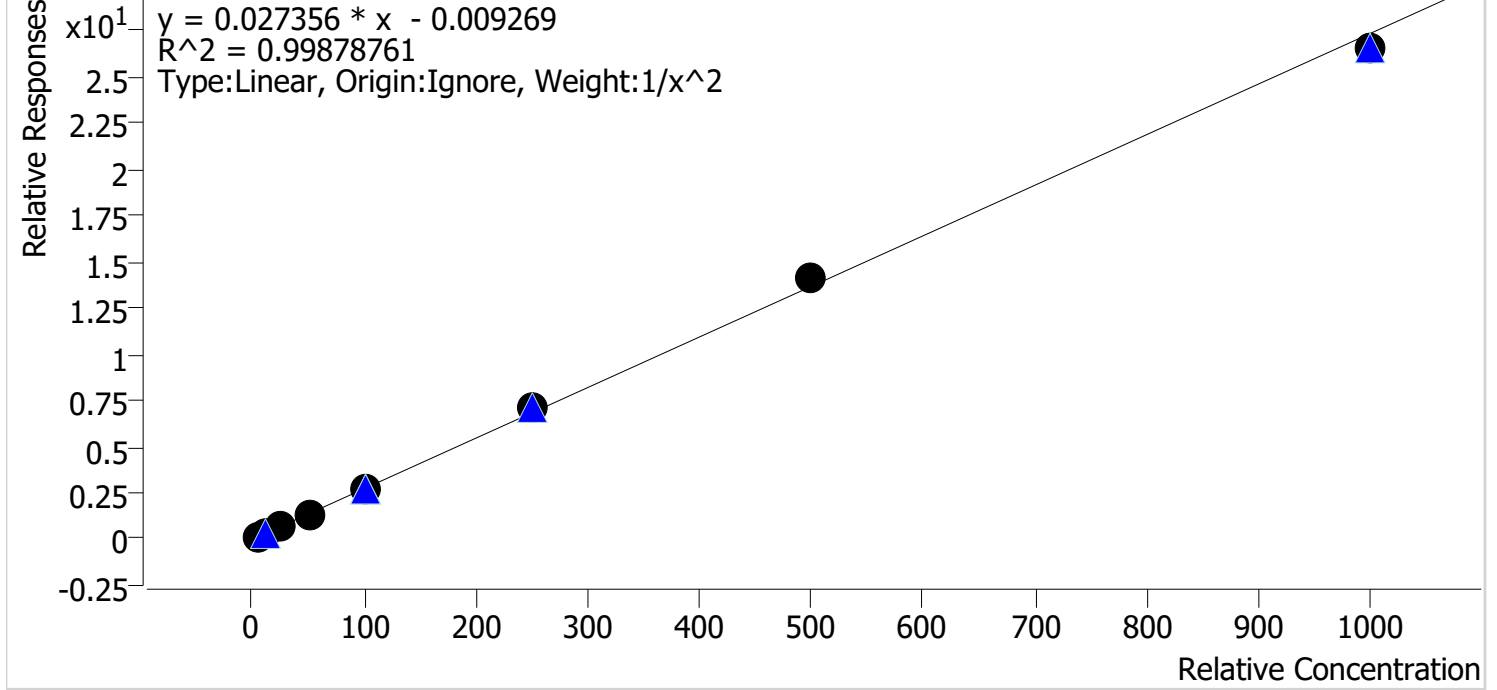
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	970.2	97.0

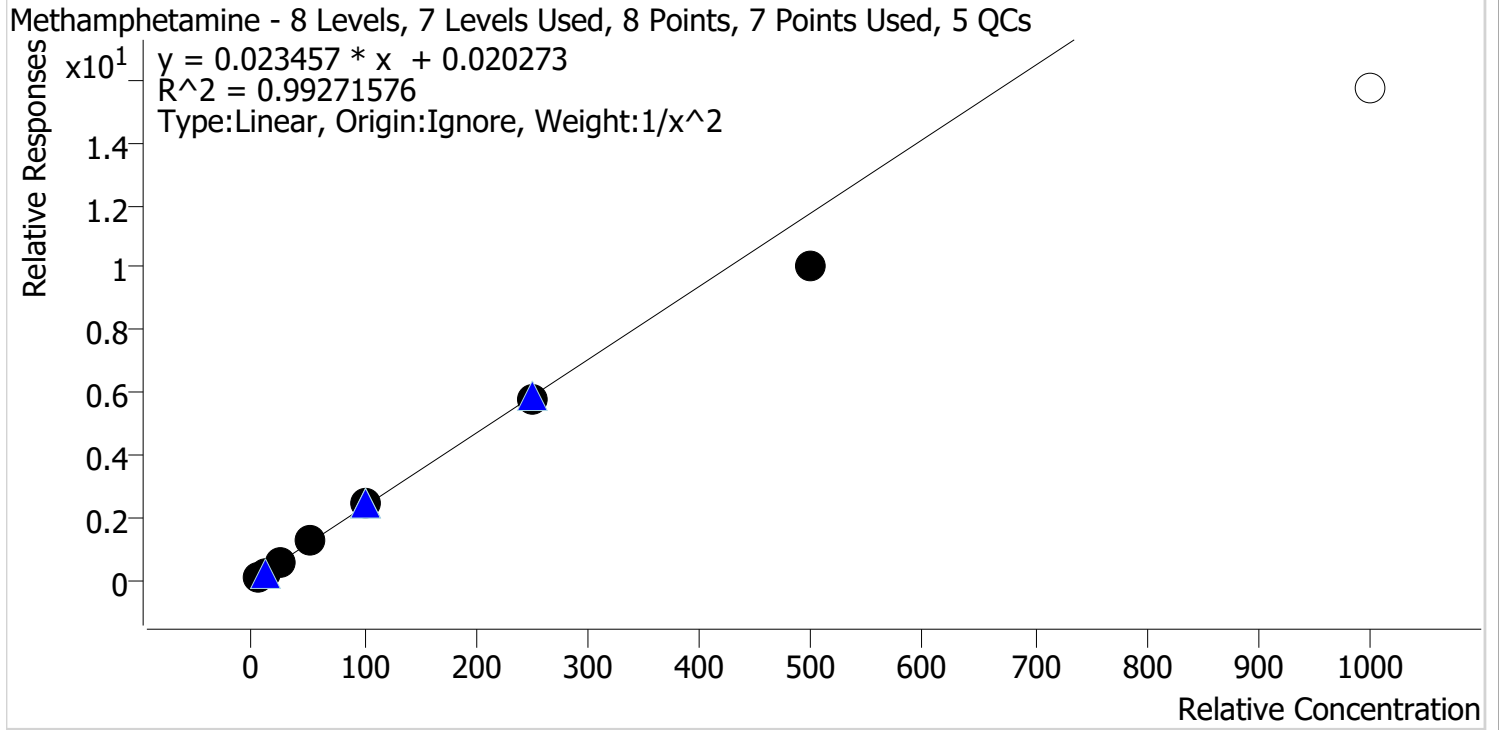


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	245.1	98.1
p1 Cal 7-500ng	7	✓	500.0	428.8	85.8
p1 Cal 8-1000ng	8	✗	1000.0	668.9	66.9

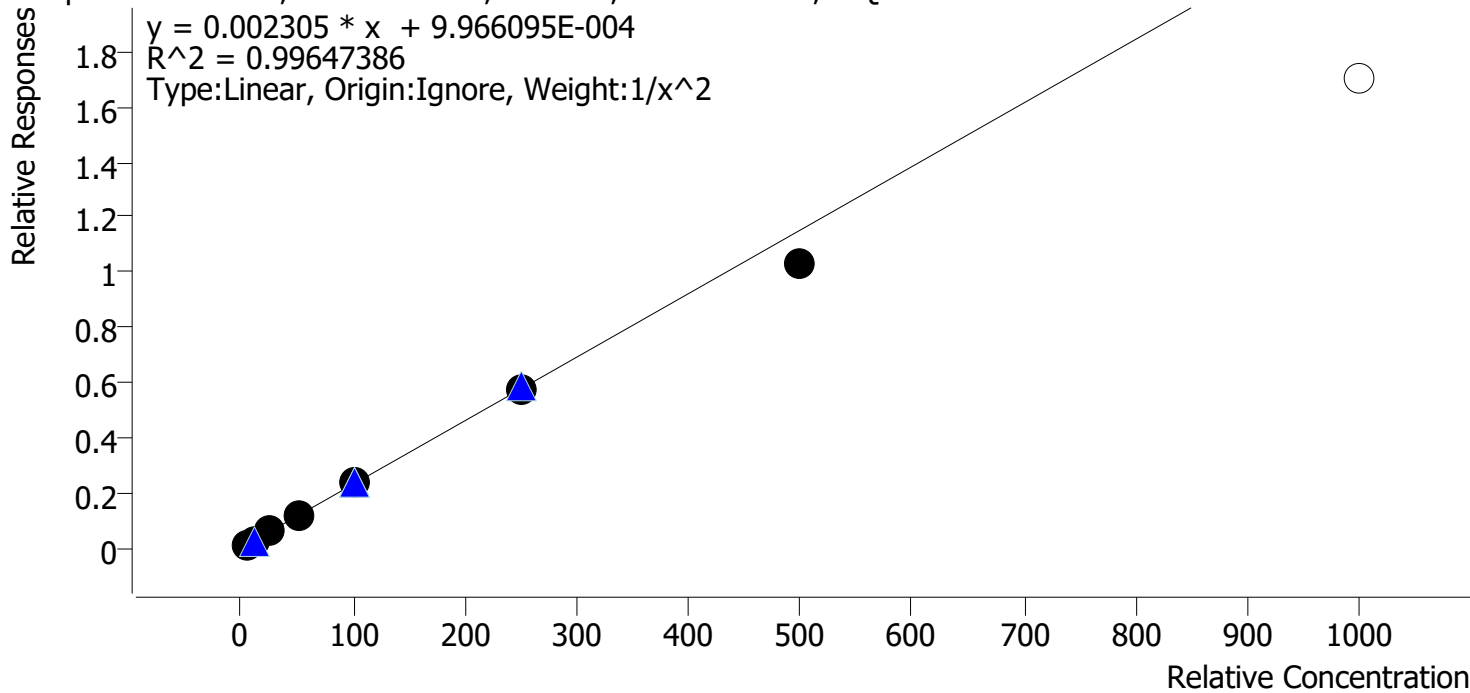
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



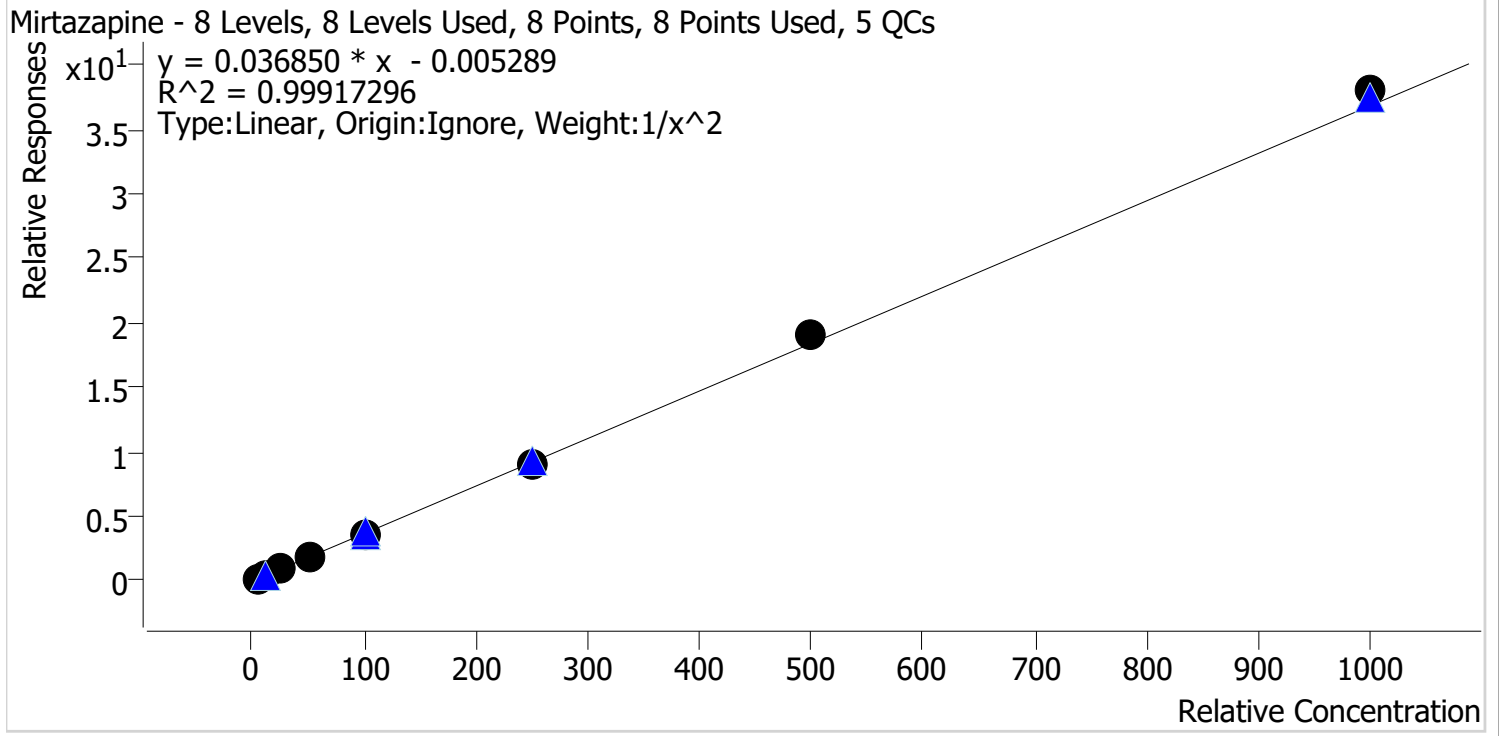
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	449.7	89.9
p1 Cal 8-1000ng	8	✗	1000.0	740.7	74.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-D8



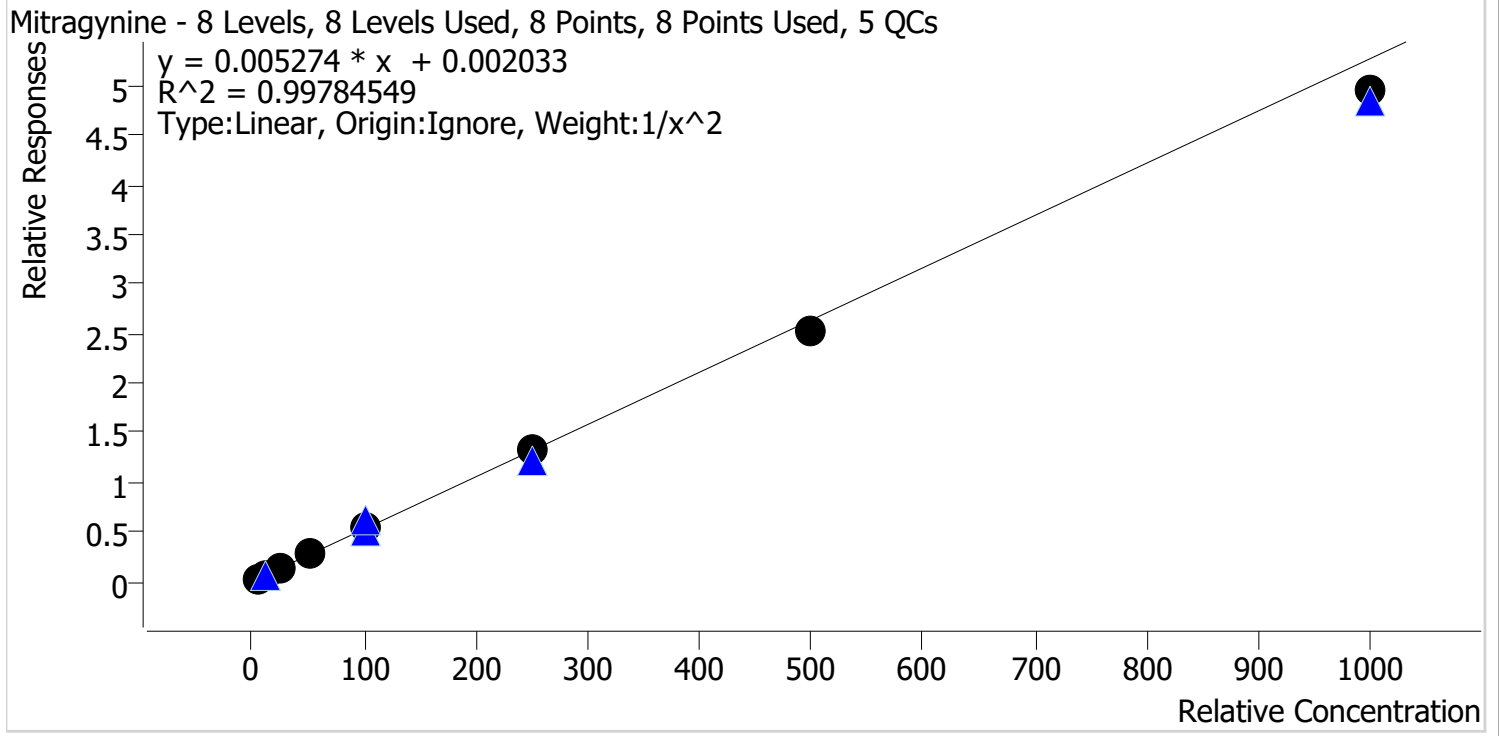
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	514.9	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1032.0	103.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



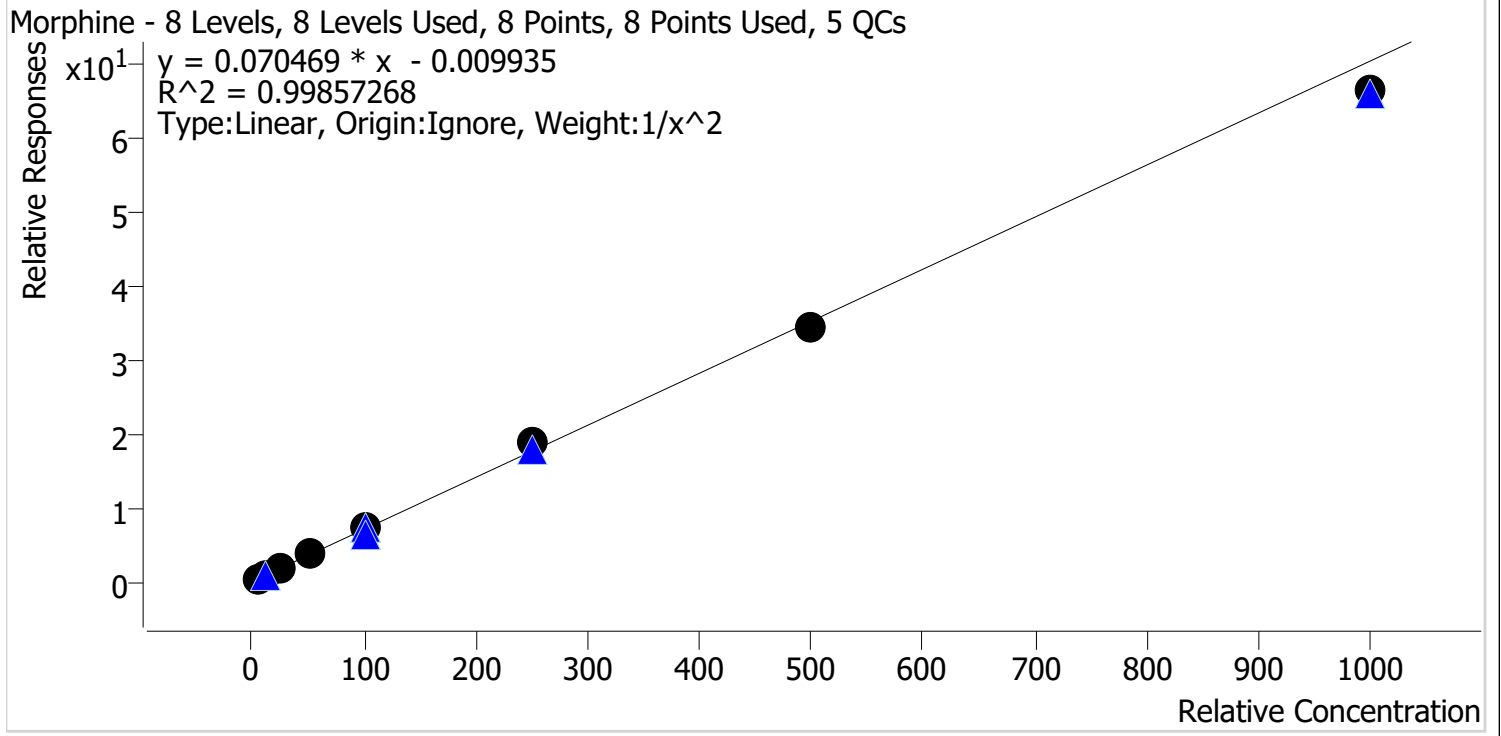
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	477.8	95.6
p1 Cal 8-1000ng	8	✓	1000.0	938.9	93.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	264.9	106.0
p1 Cal 7-500ng	7	✓	500.0	490.8	98.2
p1 Cal 8-1000ng	8	✓	1000.0	943.2	94.3

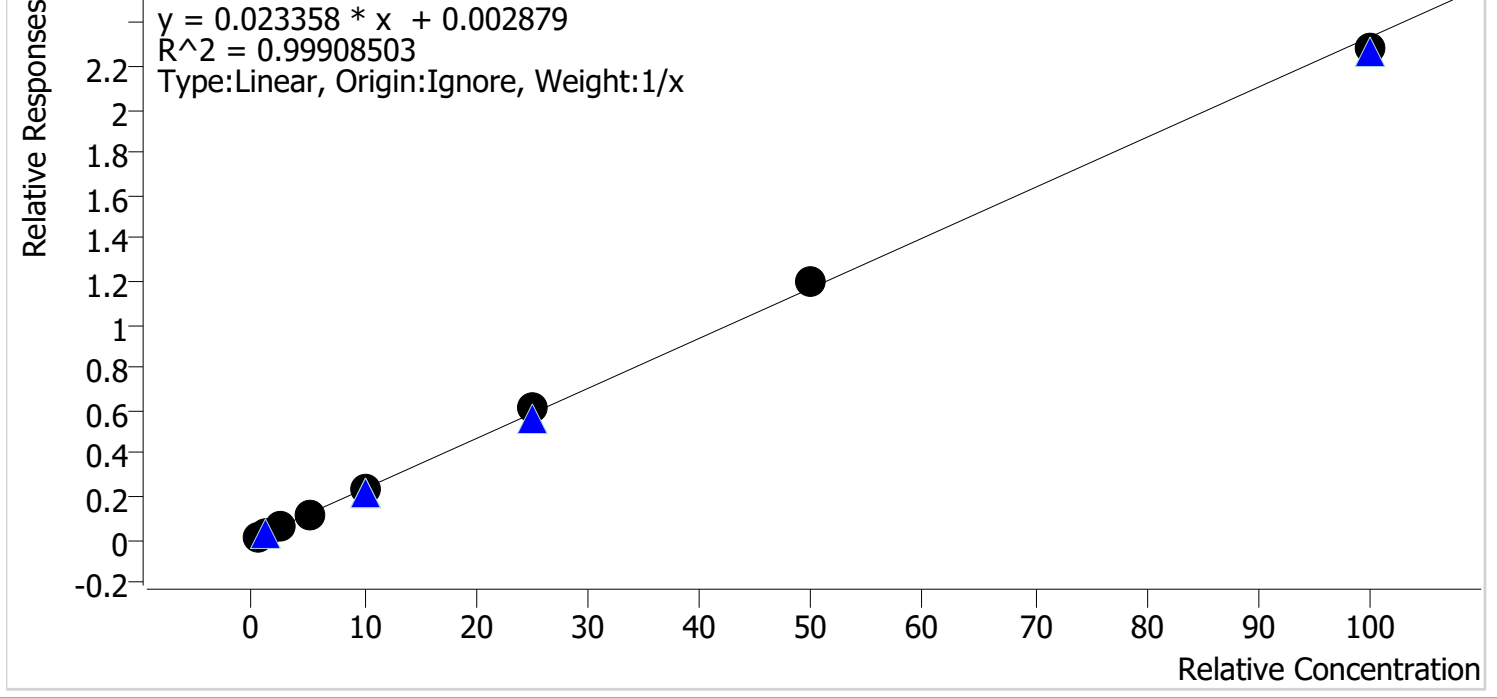
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



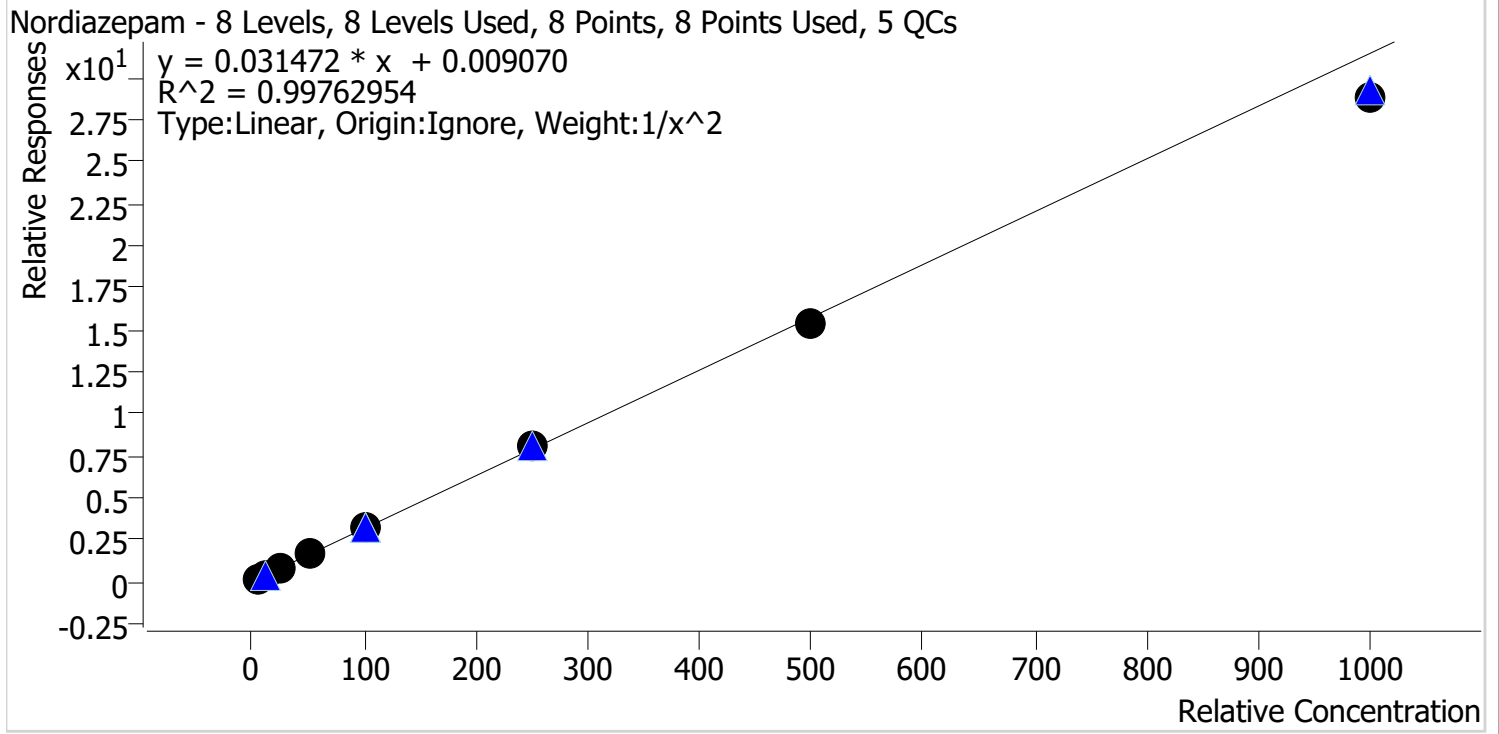
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	94.8
p1 Cal 2-10ng	2	✓	1.0	1.1	108.6
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.9
p1 Cal 4-50ng	4	✓	5.0	4.9	98.6
p1 Cal 5-100ng	5	✓	10.0	9.9	99.3
p1 Cal 6-250ng	6	✓	25.0	26.0	104.2
p1 Cal 7-500ng	7	✓	50.0	51.5	103.0
p1 Cal 8-1000ng	8	✓	100.0	97.7	97.7

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Nordiazepam Internal Standard Nordiazepam-D5



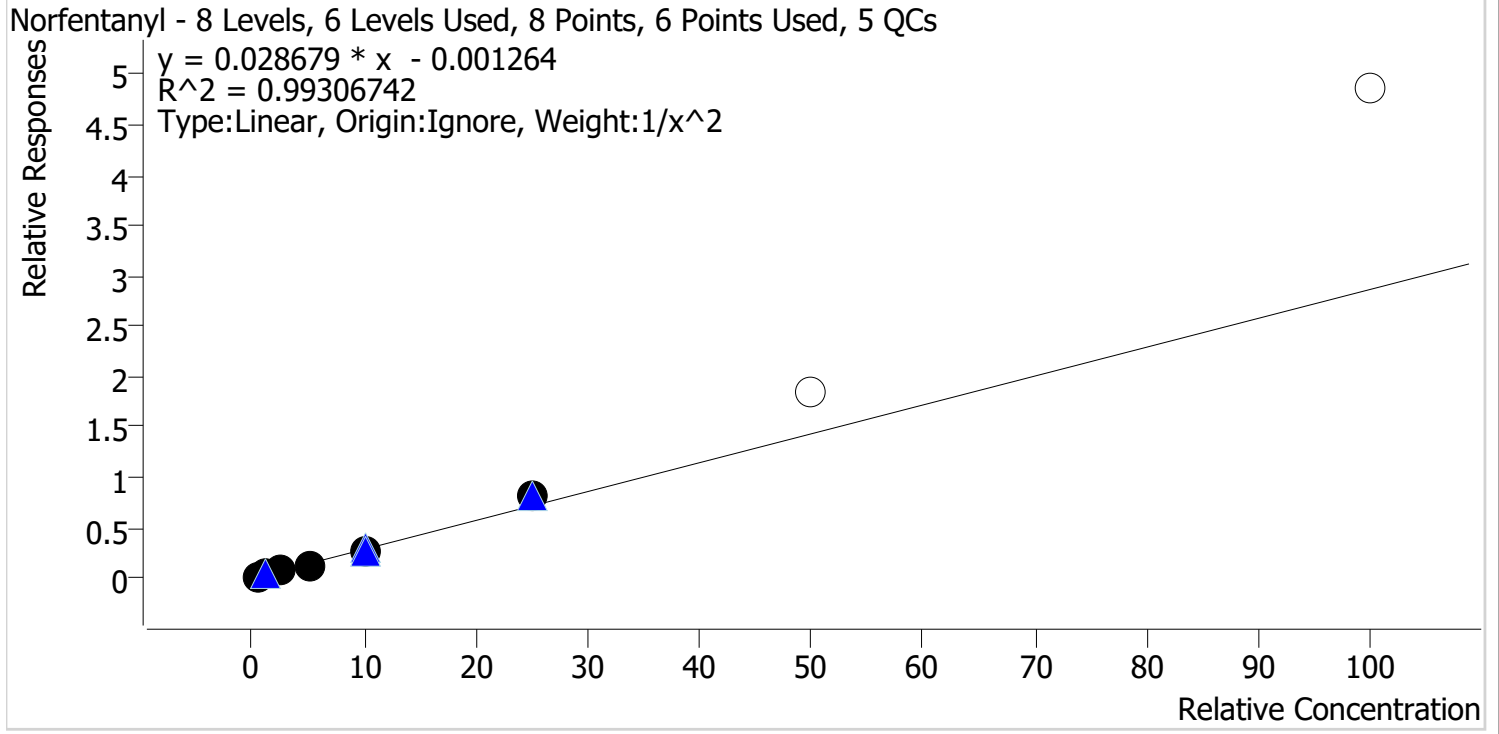
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	255.6	102.3
p1 Cal 7-500ng	7	✓	500.0	486.4	97.3
p1 Cal 8-1000ng	8	✓	1000.0	913.5	91.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Norfentanyl Internal Standard Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.1
p1 Cal 2-10ng	2	✓	1.0	1.0	96.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.0
p1 Cal 4-50ng	4	✓	5.0	4.7	94.1
p1 Cal 5-100ng	5	✓	10.0	9.9	99.0
p1 Cal 6-250ng	6	✓	25.0	28.1	112.2
p1 Cal 7-500ng	7	x	50.0	64.4	128.8
p1 Cal 8-1000ng	8	x	100.0	169.6	169.6

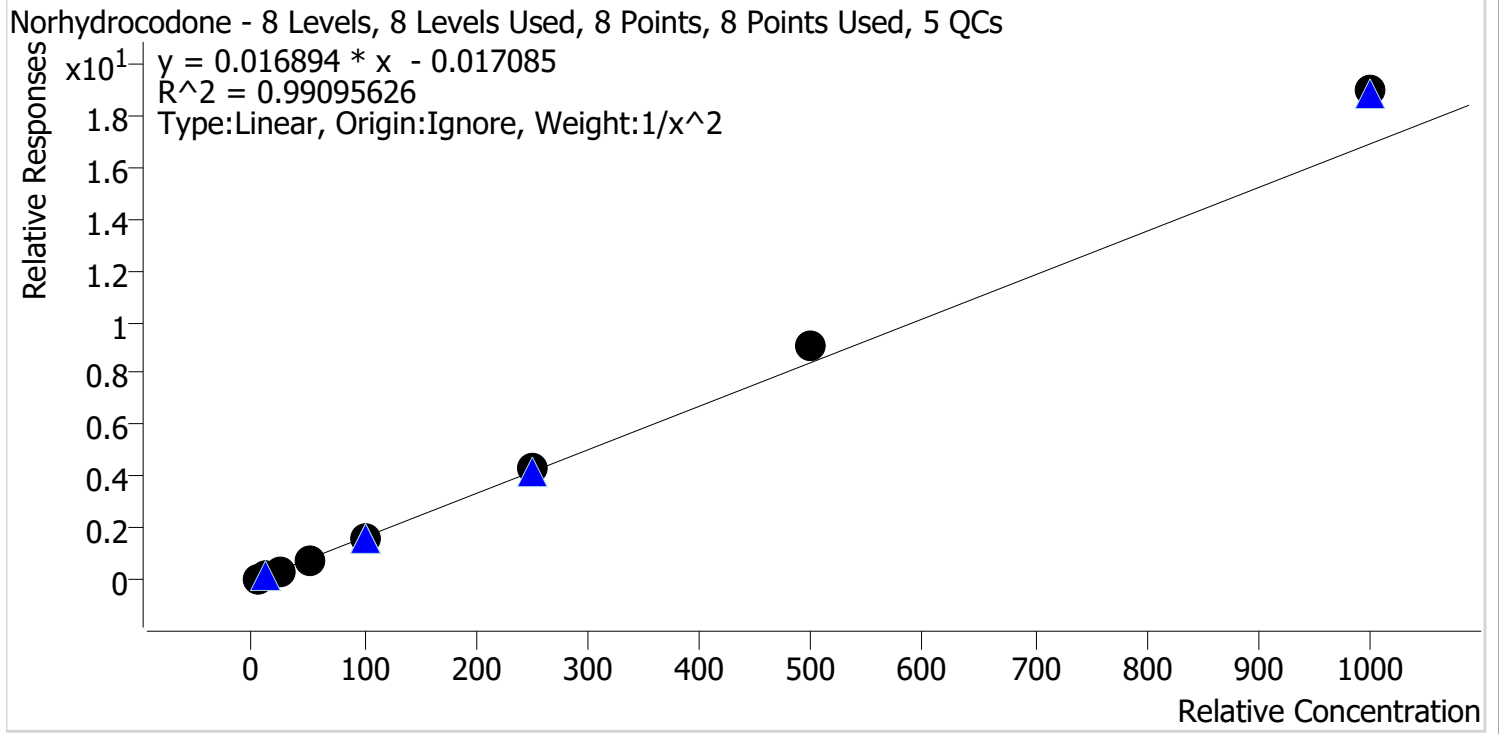


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3



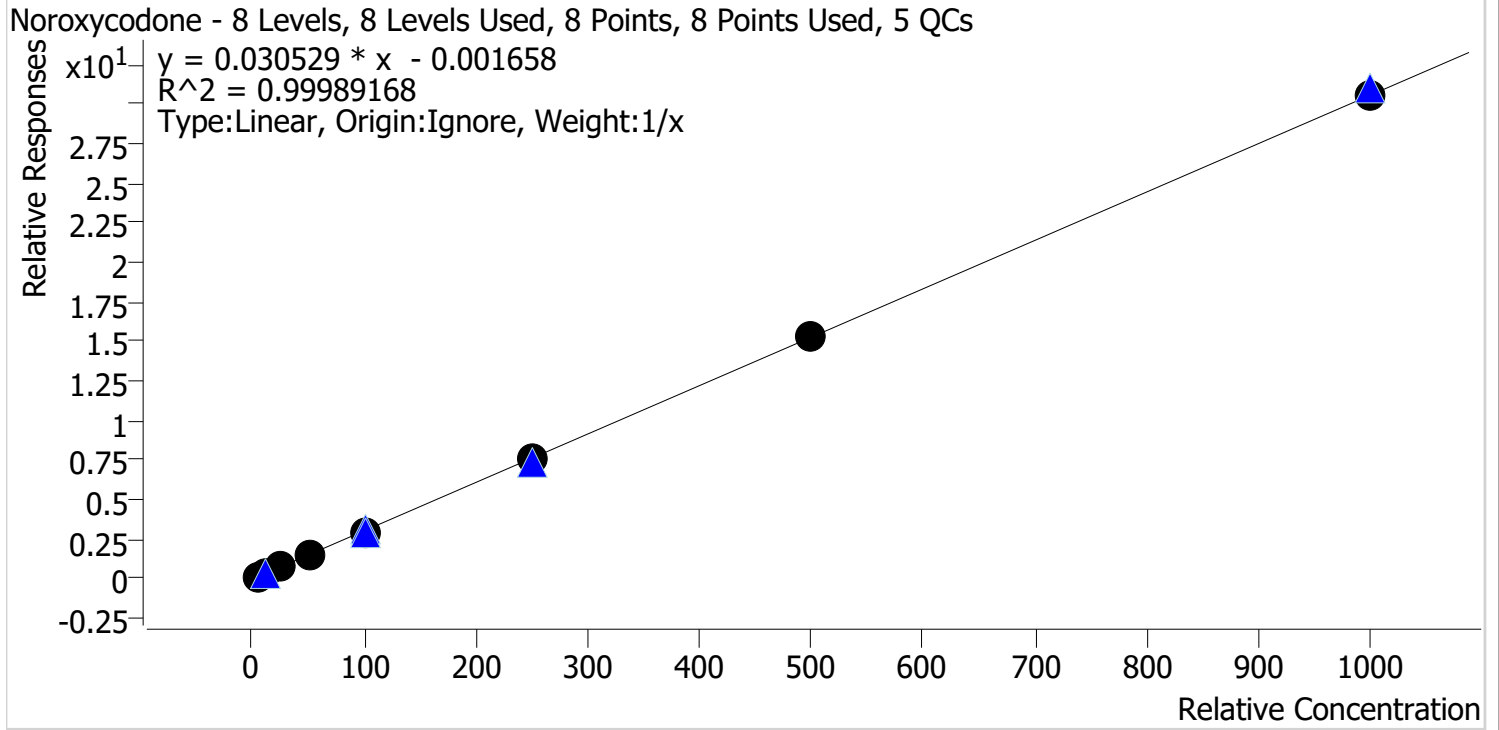
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.0
p1 Cal 2-10ng	2	✓	10.0	9.4	94.1
p1 Cal 3 -25ng	3	✓	25.0	22.1	88.4
p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	539.0	107.8
p1 Cal 8-1000ng	8	✓	1000.0	1121.9	112.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1002.7	100.3

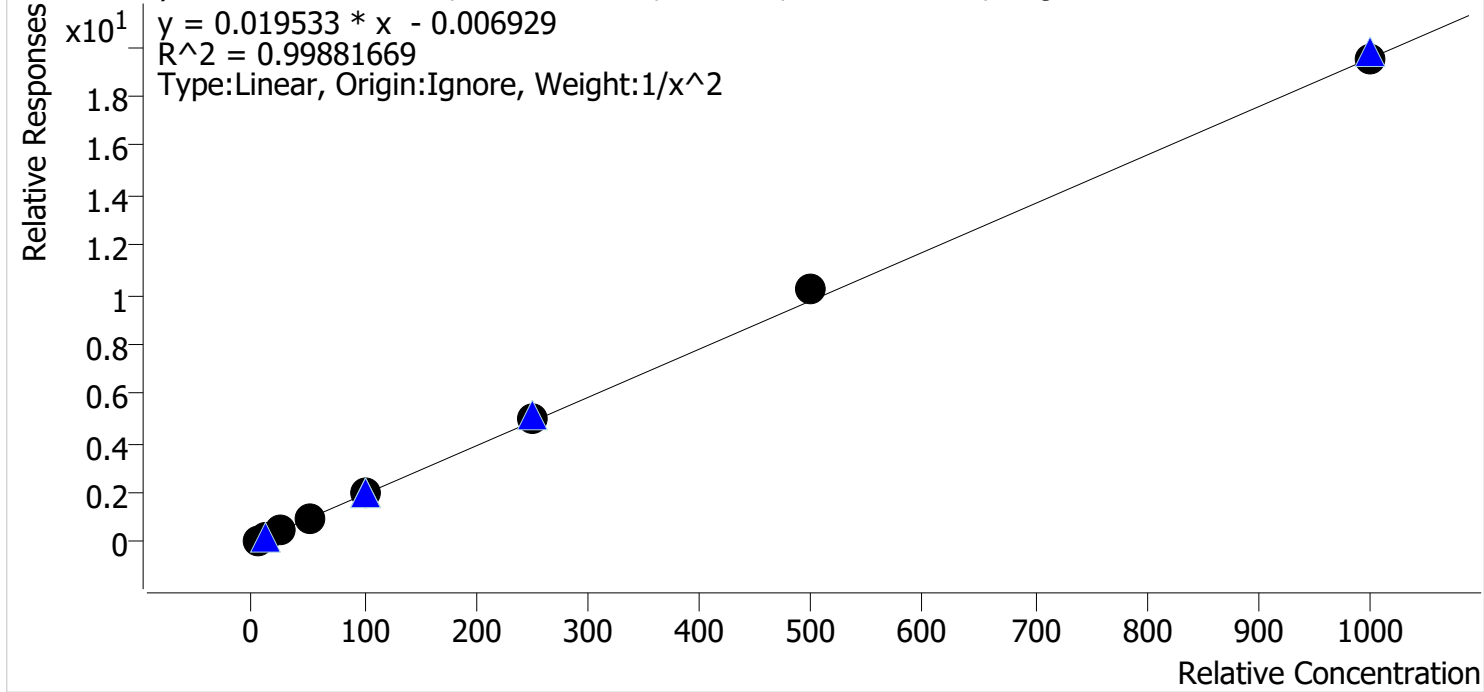
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	524.5	104.9
p1 Cal 8-1000ng	8	✓	1000.0	995.9	99.6

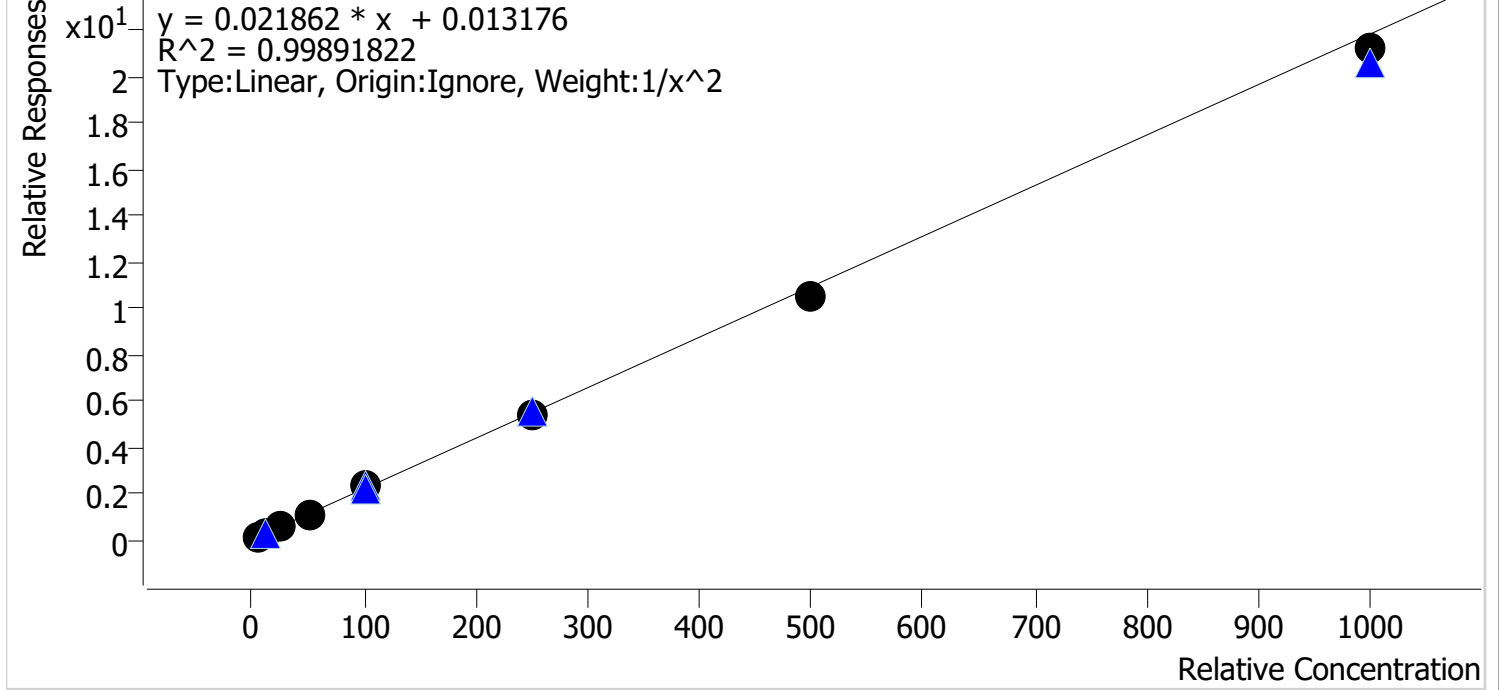
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5

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



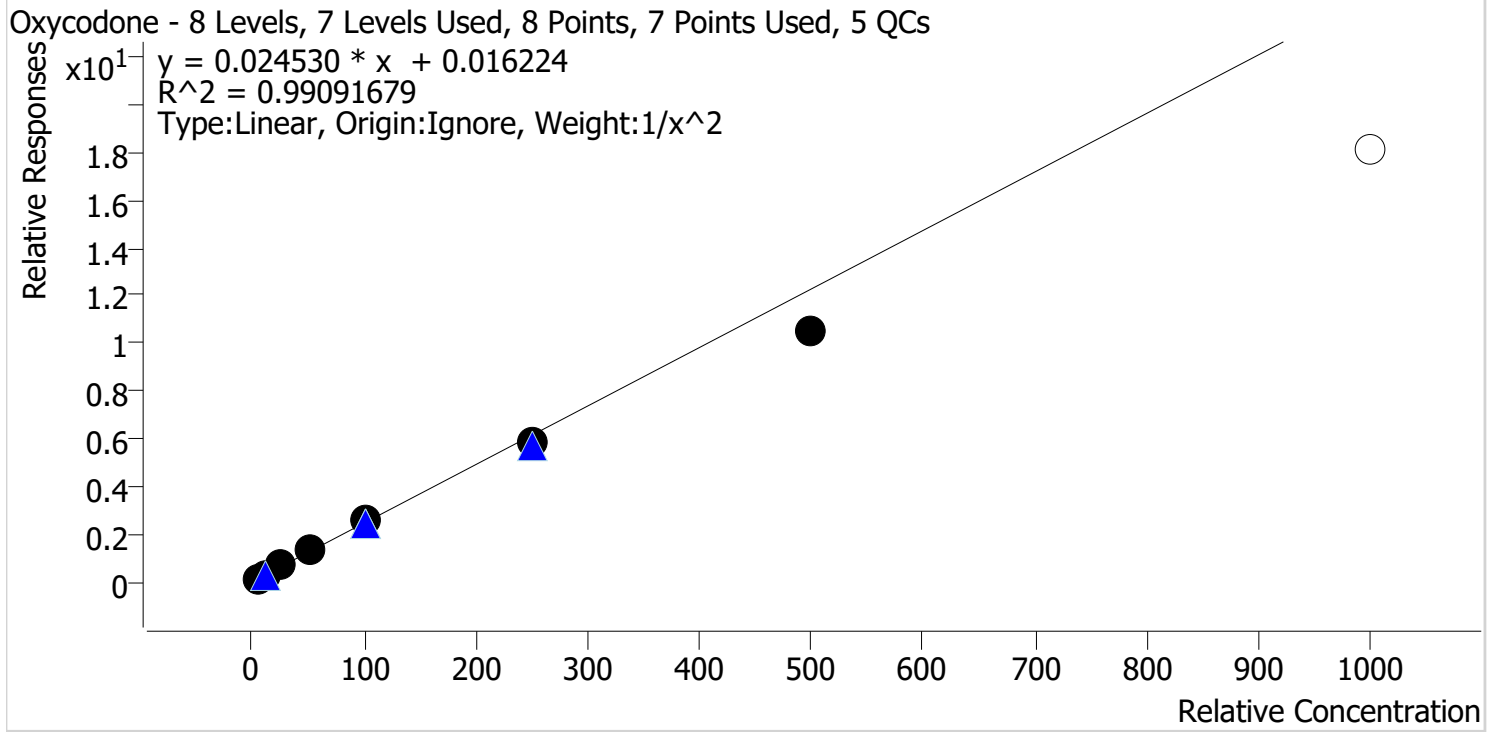
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	478.1	95.6
p1 Cal 8-1000ng	8	✓	1000.0	971.2	97.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6



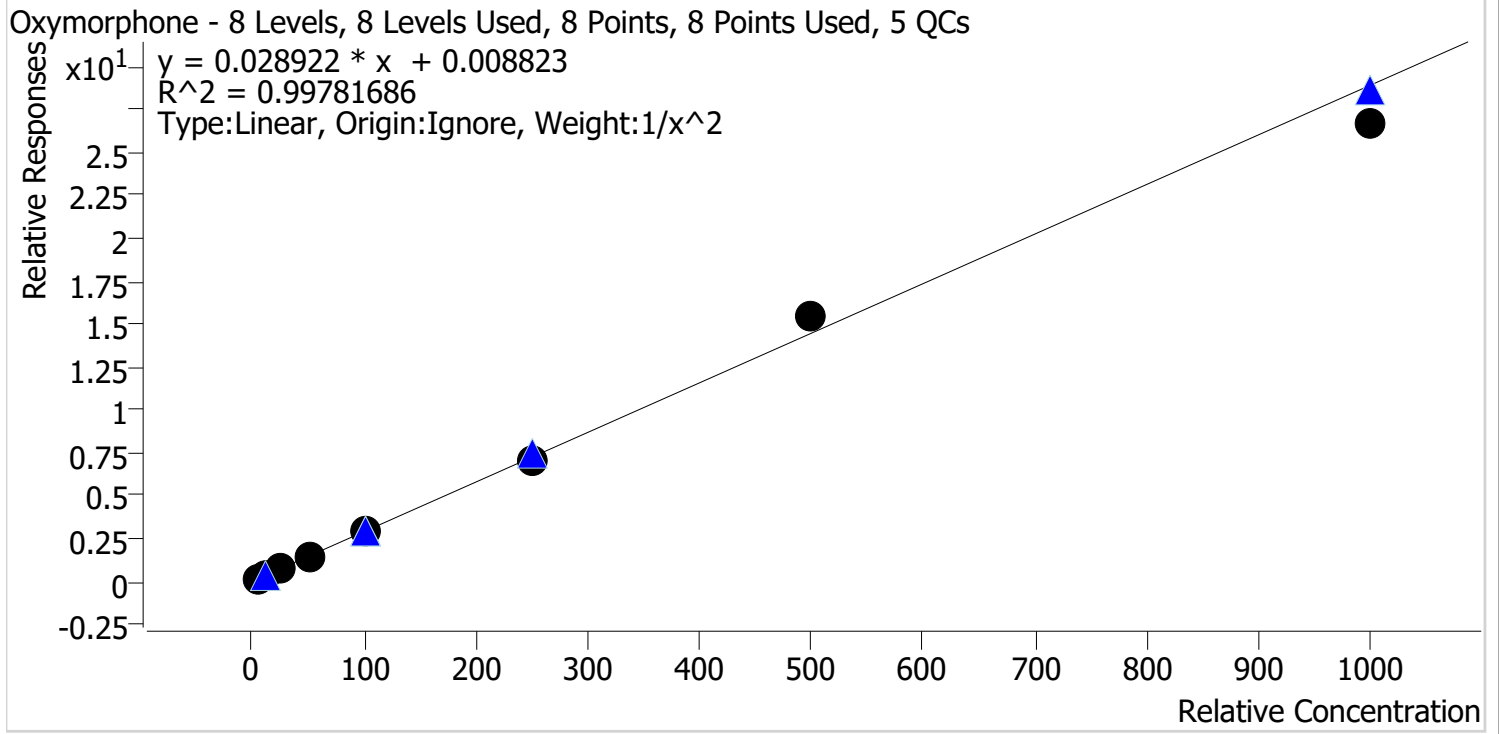
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	238.8	95.5
p1 Cal 7-500ng	7	✓	500.0	426.9	85.4
p1 Cal 8-1000ng	8	✗	1000.0	739.4	73.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3



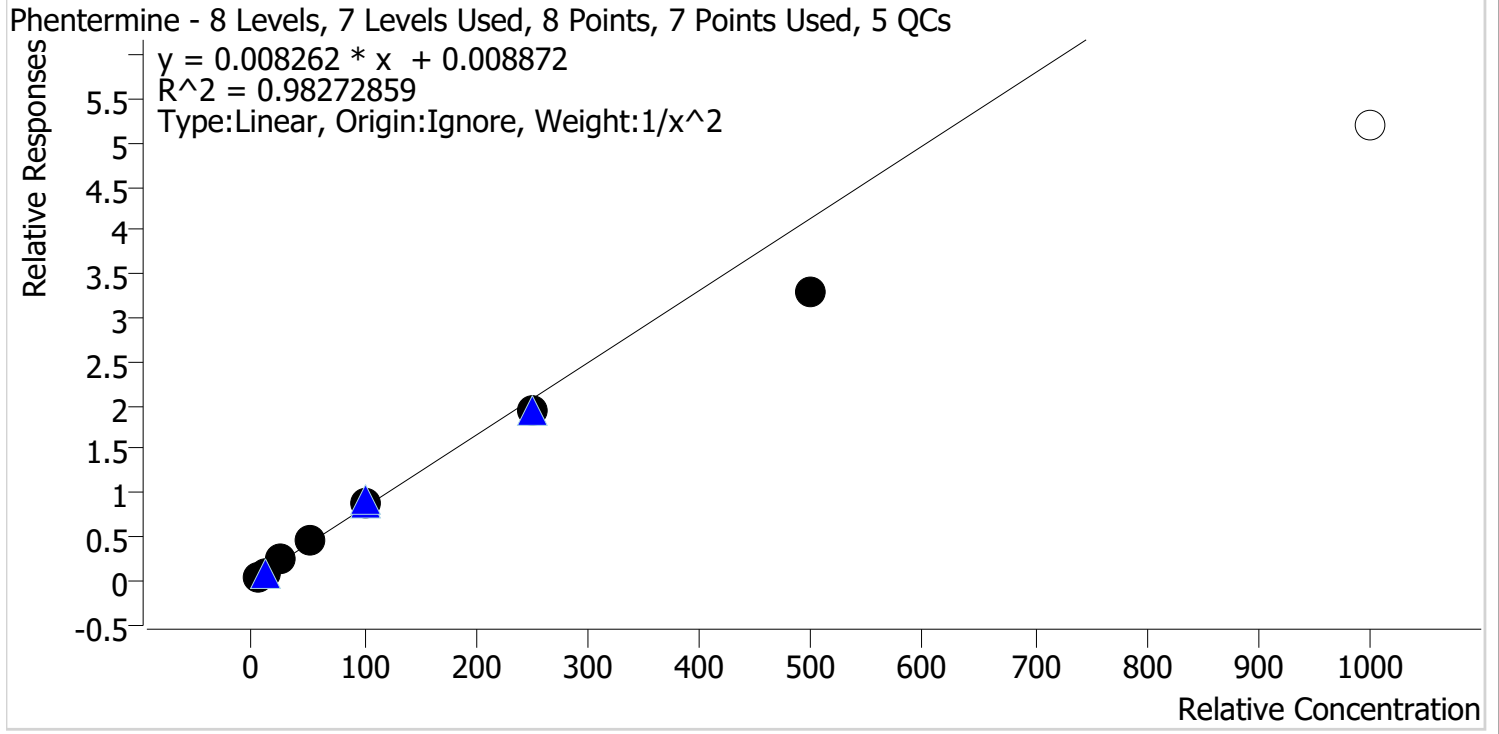
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	534.5	106.9
p1 Cal 8-1000ng	8	✓	1000.0	922.5	92.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Phentermine **Internal Standard** Phentermine-D5



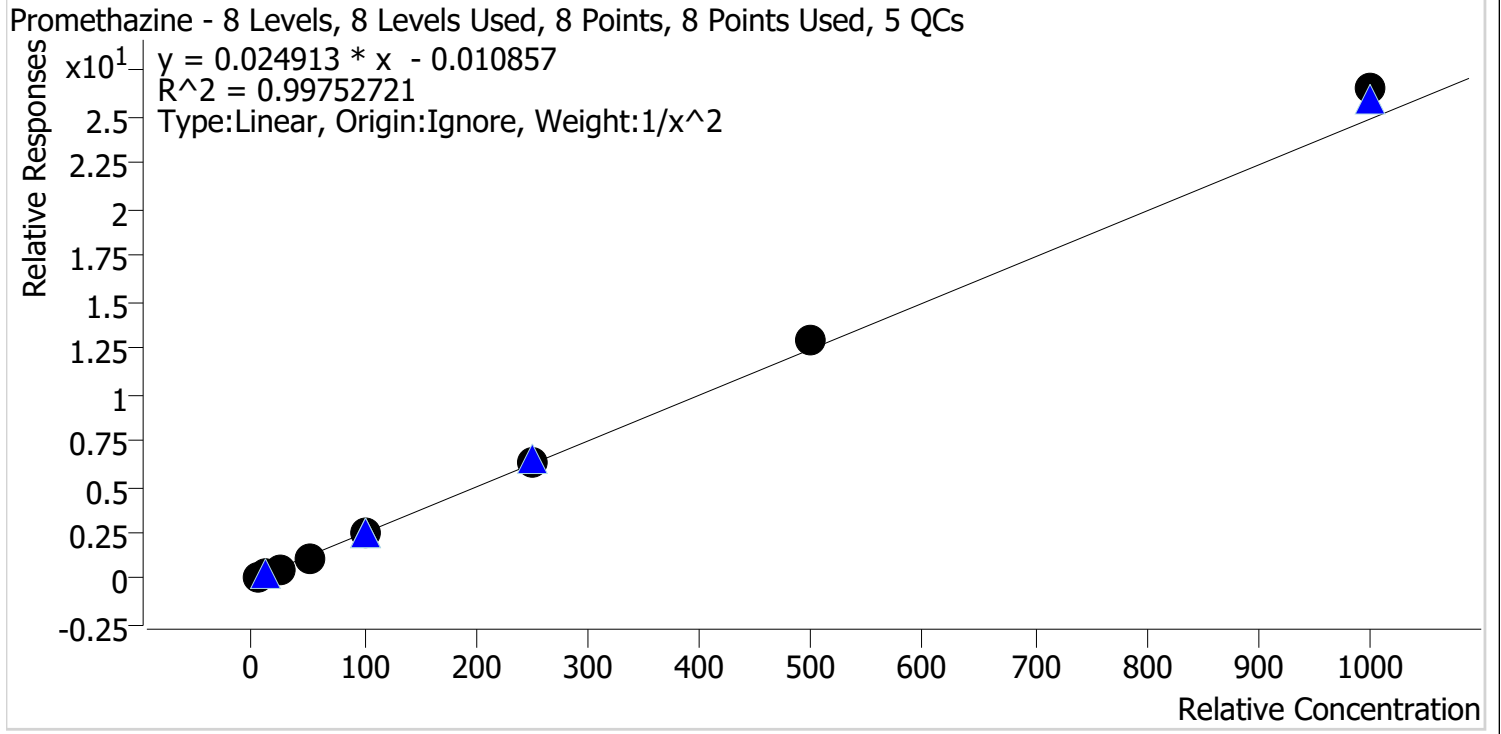
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.2
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	233.3	93.3
p1 Cal 7-500ng	7	✓	500.0	400.4	80.1
p1 Cal 8-1000ng	8	✗	1000.0	628.8	62.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	518.9	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1066.1	106.6

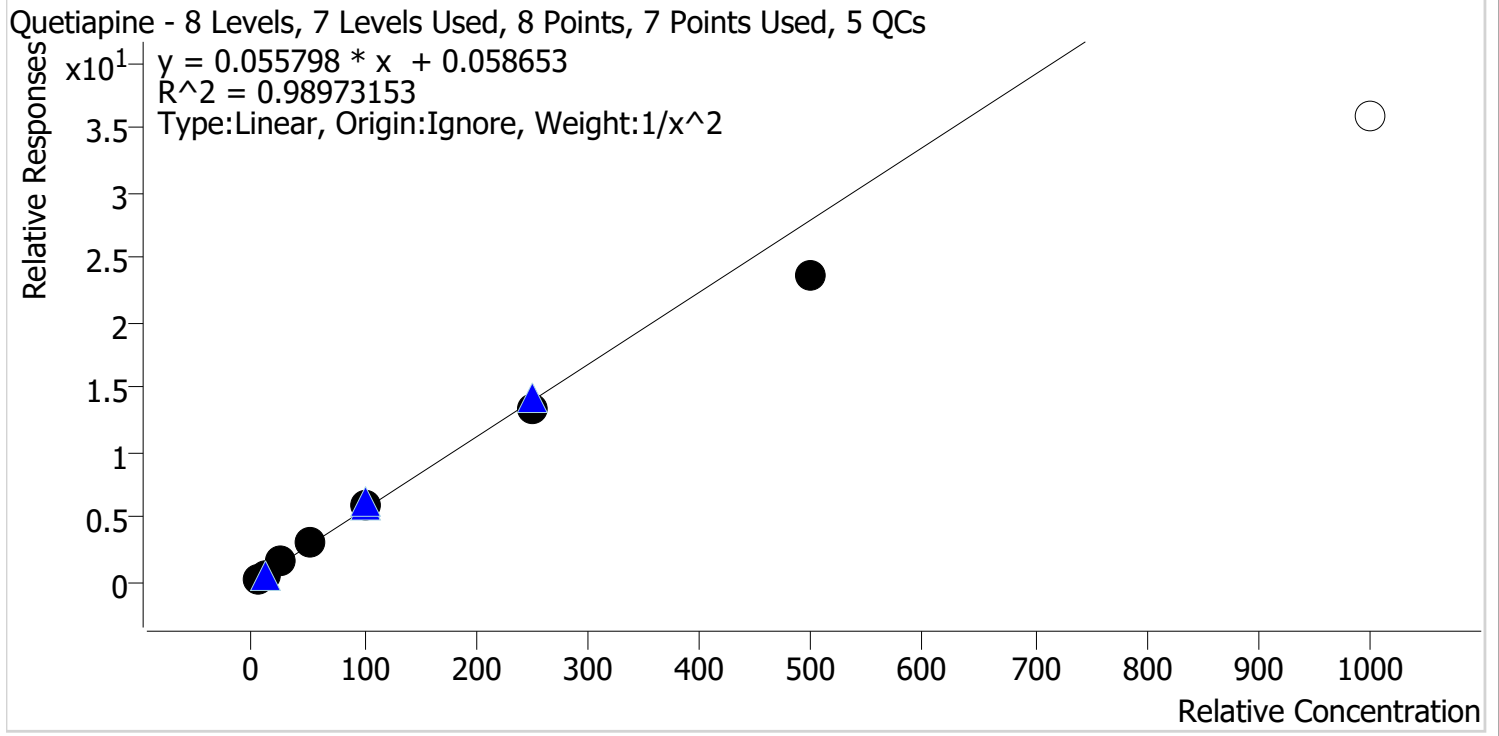


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8



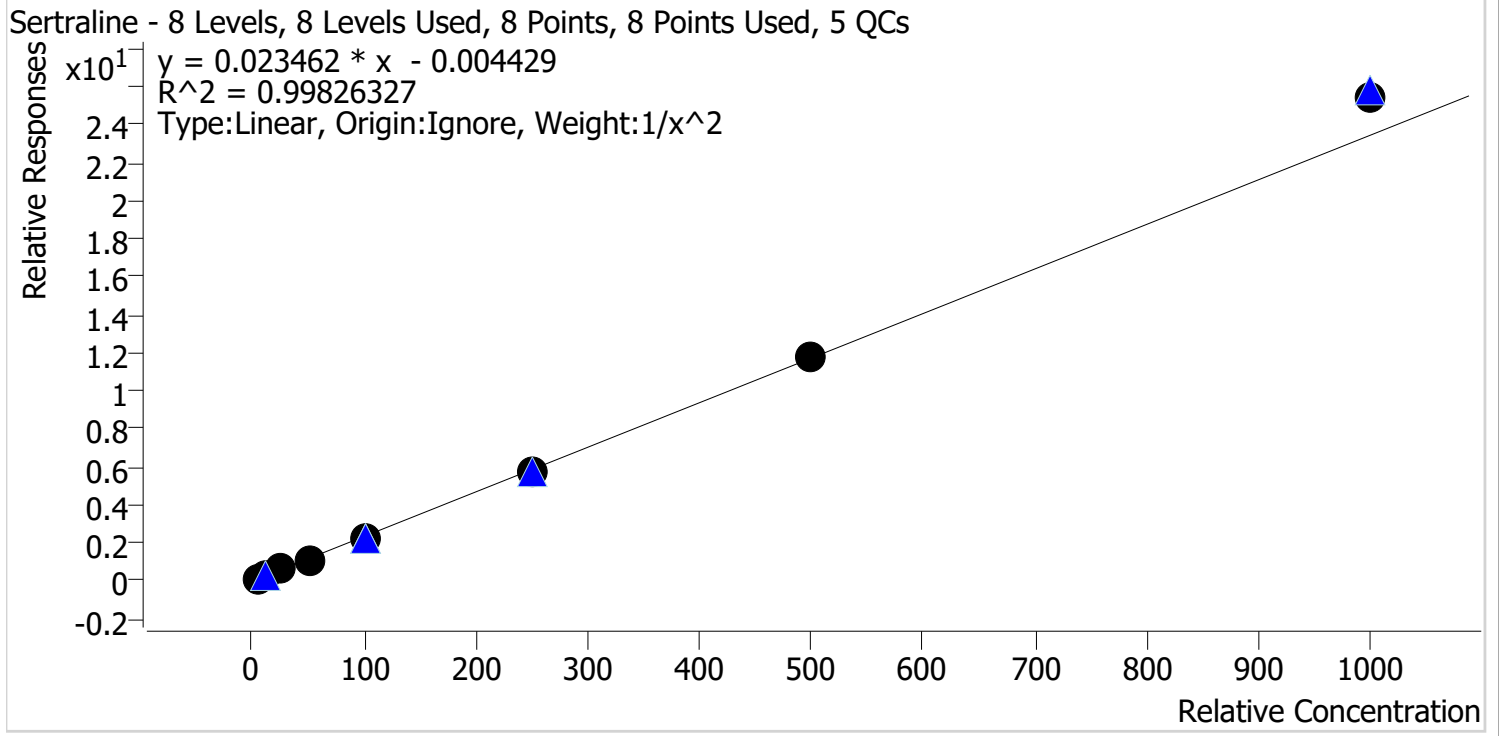
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	238.2	95.3
p1 Cal 7-500ng	7	✓	500.0	422.9	84.6
p1 Cal 8-1000ng	8	✗	1000.0	642.5	64.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3



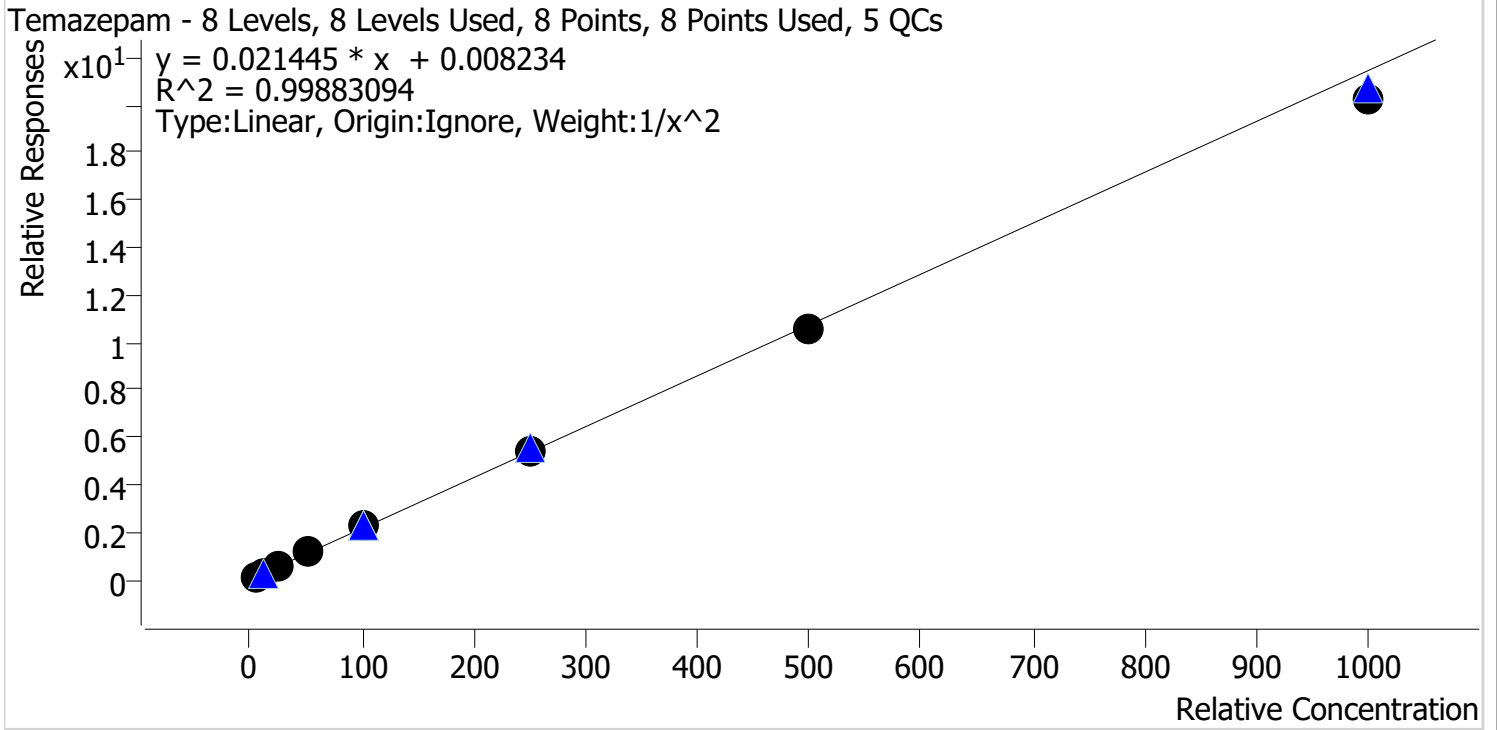
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1080.9	108.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



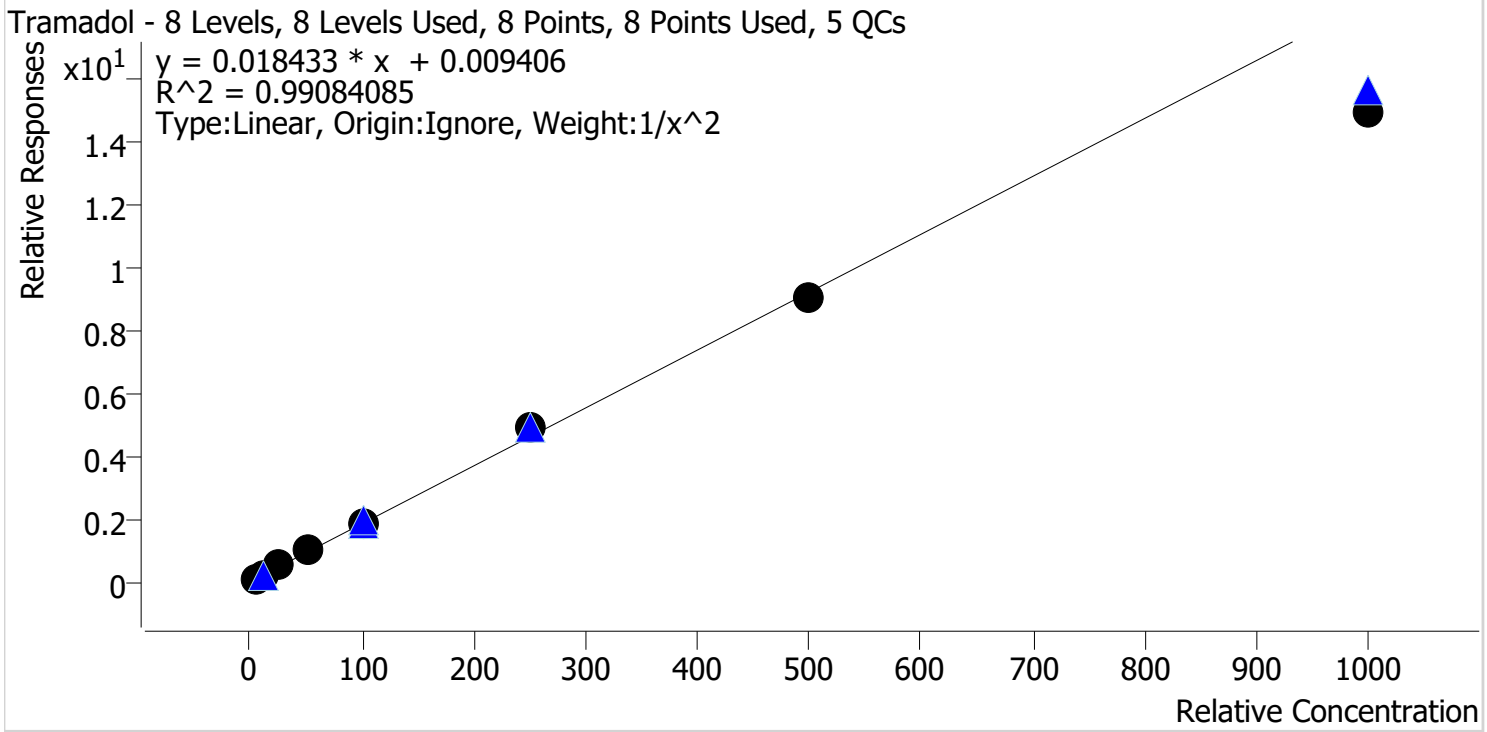
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	944.6	94.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 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	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	266.7	106.7
p1 Cal 7-500ng	7	✓	500.0	492.1	98.4
p1 Cal 8-1000ng	8	✓	1000.0	813.0	81.3

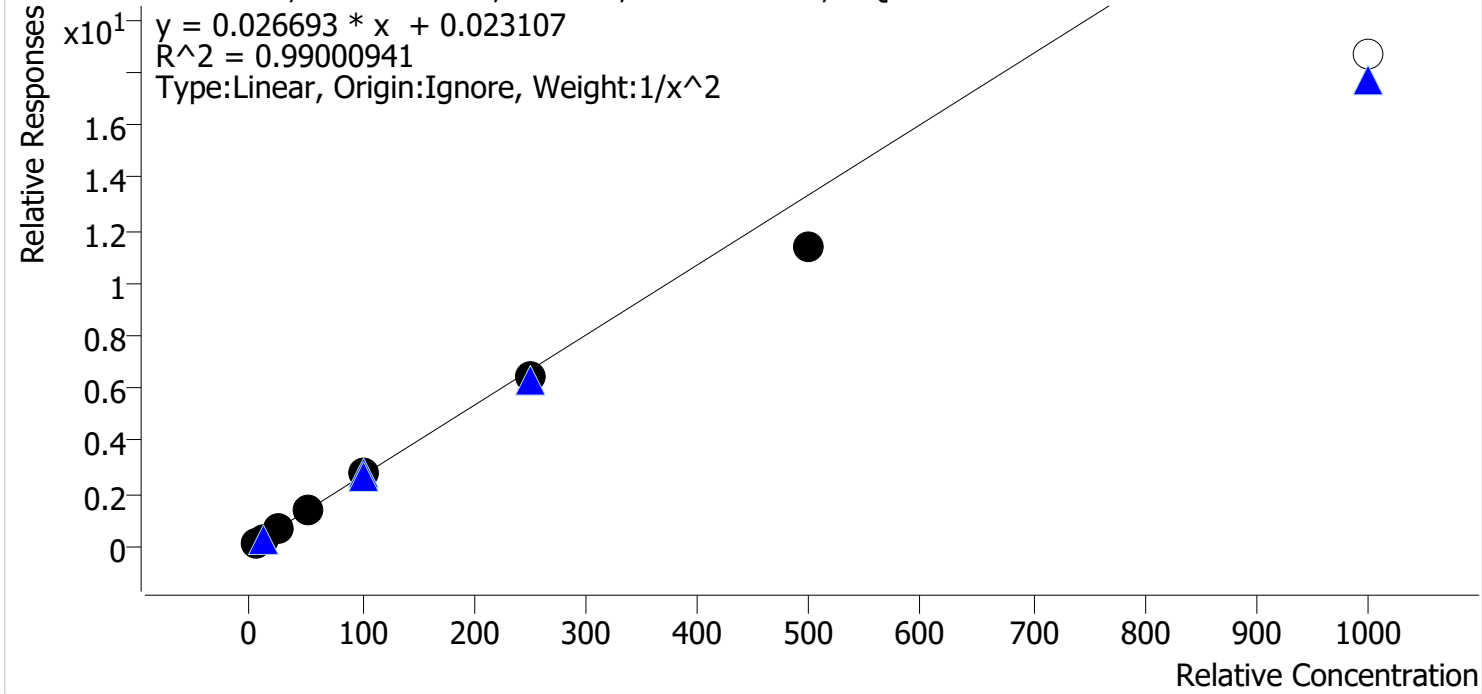
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6

Trazodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	239.0	95.6
p1 Cal 7-500ng	7	✓	500.0	423.6	84.7
p1 Cal 8-1000ng	8	✗	1000.0	698.9	69.9

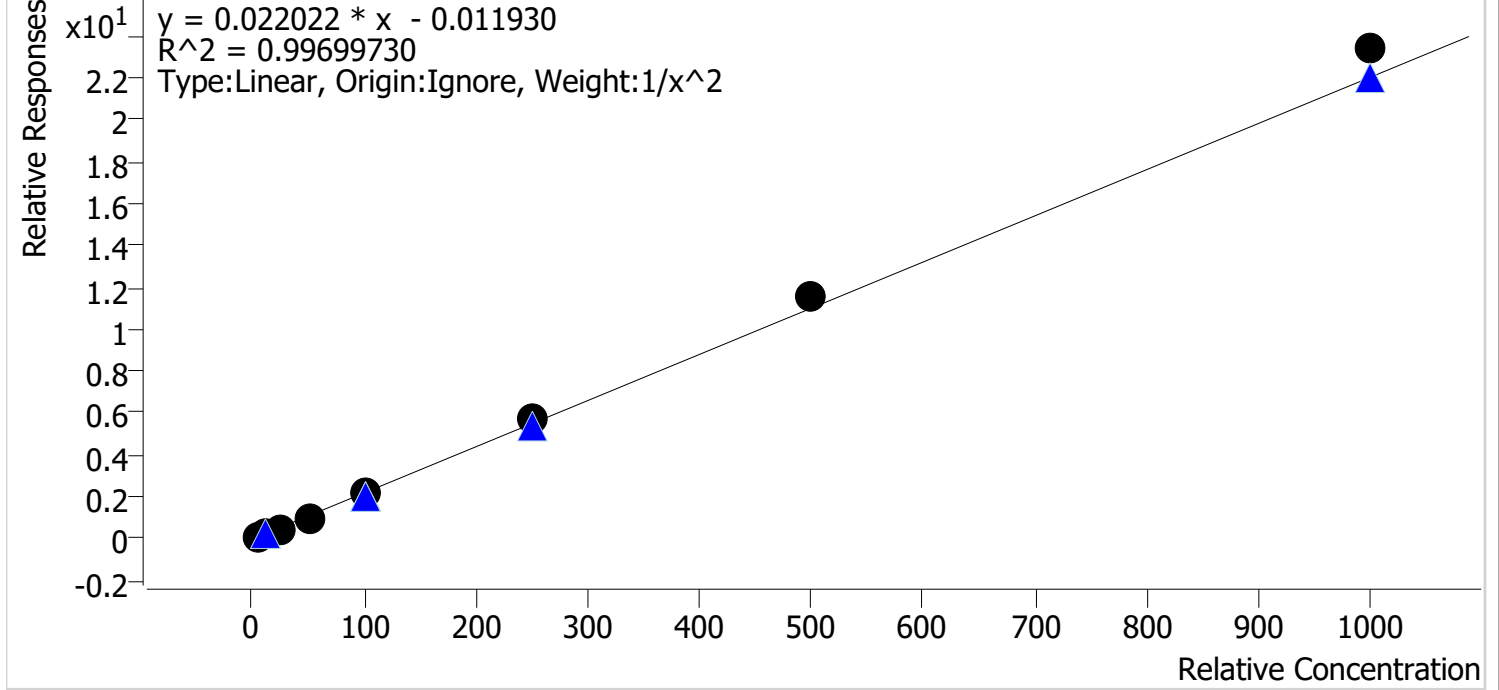
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6

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



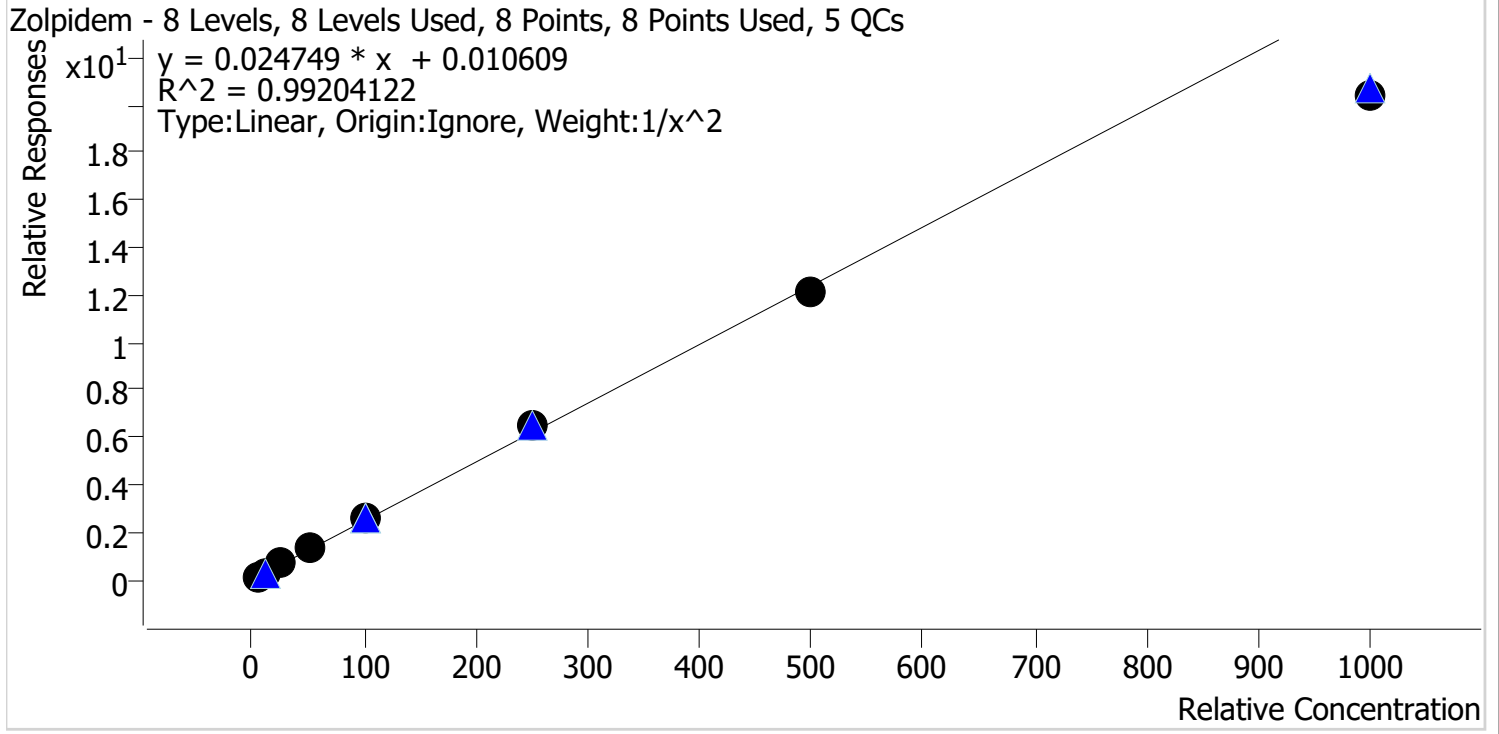
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	523.5	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1062.2	106.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 11/21/2022 8:21 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	825.9	82.6

SC

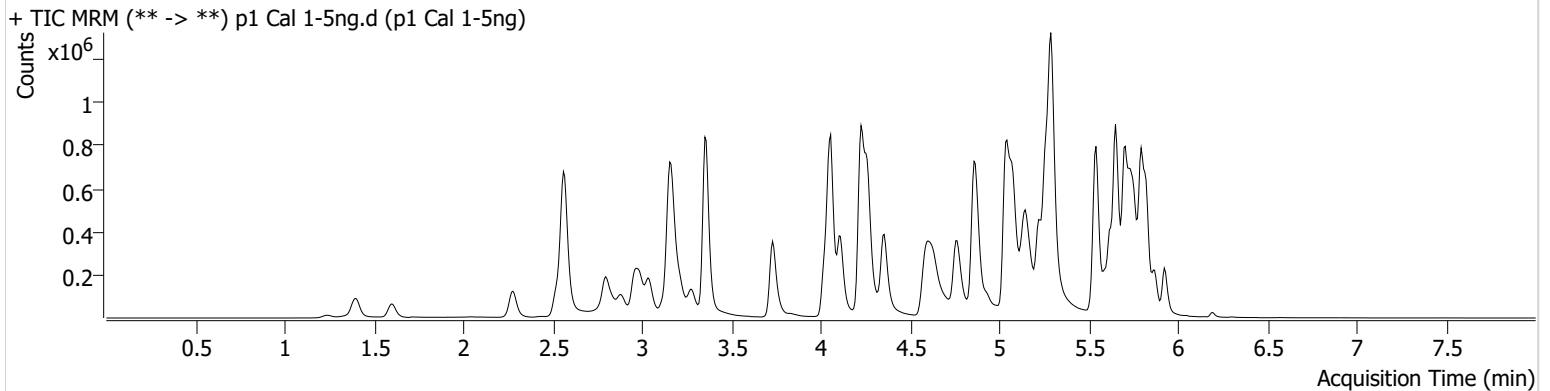


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-A6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 7:12:30 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	2061	194.47	67.7	3250.28	105186	0.5225 ng/ml
7-aminoclonazepam	4.244	19249	198.80	80.8	229.81	163957	4.8514 ng/ml
a-hydroxyalprazolam	5.681	17860	216.36	64.0	267.63	1221078	4.7928 ng/ml
alpha-PHP	4.935	30364	333.04	255.6	907.56	844424	5.0000 ng/ml
alpha-PVP	4.363	112916	181.80	53.8	165.64	844424	5.0500 ng/ml
Alprazolam	5.758	58128	326.12	117.9	490.08	484413	5.0558 ng/ml
Amphetamine	3.037	186654	329.31	48.7	1089.81	596549	4.7622 ng/ml
Benzoylecgonine	3.864	2248	25.39	7.5	47.41	13774	5.0737 ng/ml
Buprenorphine	5.761	2633	83.83	16.2	206.53	197233	0.5045 ng/ml
Bupropion	4.778	115582	276.11	65.5	266.89	750039	4.9726 ng/ml
Carisoprodol	5.713	67747	48935.51	71.2	98.25	541100	5.2185 ng/ml
Chlordiazepoxide	5.827	35790	1041.64	123.4	276.01	826214	4.6411 ng/ml
Chlorpheniramine	5.145	190908	654.08	0.2	4.90	1674921	5.7985 ng/ml
Citalopram	5.218	92595	1265.67	38.1	95.32	743359	5.1227 ng/ml
Clonazepam	5.600	67768	225.88	35.2	157.37	185524	4.7487 ng/ml
Clonazolam	5.537	55380	57402.12	34.8	23689.13	185524	4.7970 ng/ml
Cocaine	4.257	72277	5441.15	55.0	1344.78	1296113	5.0564 ng/ml
Codeine	2.573	9165	256.29	105.8	26307.75	95158	4.7546 ng/ml
Cyclobenzaprine	5.624	85488	83.10	6.9	30.84	673825	5.0984 ng/ml
Dextromethorphan	5.268	54908	314.92	82.1	629.66	489599	5.0372 ng/ml
Dextrorphan	4.111	34785	44688.27	204.4	670.99	697834	5.0466 ng/ml
Diazepam	5.930	39666	271.89	89.0	663.51	349640	5.0361 ng/ml
Dihydrocodeine	2.552	23272	338.80	60.3	54.92	279307	4.7244 ng/ml
Diphenhydramine	5.296	249221	141.14	32.4	150.11	2408215	5.1206 ng/ml
DMT	2.852	13488	586.17	135.2	130.03	489599	5.0989 ng/ml
Doxylamine	4.613	197065	3392.28	101.5	93.26	1871287	5.0588 ng/ml
Duloxetine	5.643	6390	8357.20	14.5	118.70	61382	5.0669 ng/ml
EDDP	5.261	123593	2288.70	42.1	46154.18	1148534	5.0679 ng/ml
Etizolam	5.797	34994	912.28	25.5	1797.54	185524	6.2613 ng/ml
Fentanyl	5.094	9430	112.79	72.2	7064.35	876578	0.4819 ng/ml
Flualprazolam	5.688	34784	911.90	91.6	2503.96	484413	4.8498 ng/ml
Fluorofentanyl	5.148	20524	295.66	43.6	292.97	7343	0.5250 ng/ml
Fluoxetine	5.703	86156	23406.73	7.6	4626.66	578592	5.1521 ng/ml



SC



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	42549	115.57	34.1	86.75	401838	4.7257 ng/ml
Hydromorphone	1.609	29259	2352.30	74.8	2202.84	175905	5.0097 ng/ml
Hydroxyzine	5.693	99073	565.07	76.5	6472.72	489599	5.1720 ng/ml
Ketamine	4.036	76765	227.23	35.3	147.75	596728	4.7814 ng/ml
Lamotrigine	4.267	8110	320.32	80.5	120.83	1748063	4.8302 ng/ml
Lorazepam	5.729	51392	1285.44	50.1	18.81	633966	4.6587 ng/ml
MDA	3.184	143563	1183.66	35.2	81.81	888802	4.8540 ng/ml
MDMA	3.285	69935	7063.99	113.3	546.92	154020	5.0219 ng/ml
Meprobamate	4.888	56626	330.70	28.3	503.47	477763	4.7773 ng/ml
Methadone	5.655	182630	2308.77	49.3	2392.12	1416085	5.0533 ng/ml
Methamphetamine	3.212	186674	740.56	36.0	3640.04	1391729	4.8538 ng/ml
Metoprolol	4.320	22190	939.62	105.9	522.60	1807216	4.8945 ng/ml
Mirtazapine	4.634	152514	581.29	52.3	661.23	844424	5.0448 ng/ml
Mitragynine	5.222	39713	324.23	38.6	12203.73	1416085	4.9317 ng/ml
Morphine	1.247	3595	140.97	62.8	8.73 <b>Low</b>	10548	4.9769 ng/ml
Norbuprenorphine	4.990	449	162.04	89.2	280.07	32189	0.4738 ng/ml
Nordiazepam	5.877	45455	532.36	58.8	99.96	277078	4.9243 ng/ml
Norfentanyl	4.078	18894	646.17	40.7	38.63	1397247	0.5156 ng/ml
Norhydrocodone	3.060	8124	175.48	34.4	34.86	112152	5.2994 ng/ml
Noroxycodone	2.904	41602	115.69	46.6	665.23	269142	5.1174 ng/ml
O-desmethyl-tramadol	3.359	181797	563.45	5.7	657.53	1960883	5.1012 ng/ml
o-desmethylvenlafaxine	4.056	245903	7728.49	18.1	339.10	397071	5.2112 ng/ml
Olanzapine	4.891	29051	4276.41	18.4 <b>Low</b>	4.76	49015	4.0236 ng/ml
Oxazepam	5.739	76685	2843.55	71.3	896.20	633966	4.9302 ng/ml
Oxycodone	2.828	84491	825.93	27.7	439.21	630821	4.7988 ng/ml
Oxymorphone	1.405	42085	360.81	44.2	160.44	276449	4.9585 ng/ml
Phentermine	3.767	47201	216.05	7.7	21.01	979029	4.7615 ng/ml
Promethazine	5.540	151395	3471.11	31.5	378.14	1293749	5.1329 ng/ml
Pseudoephedrine	2.576	185435	2317.41	19.1	462.15	1748063	5.1773 ng/ml
Quetiapine	5.536	105412	18033.42	57.3	1086.74	322999	4.7977 ng/ml
Sertraline	5.772	23258	315.35	110.4	344.13	202526	5.0835 ng/ml
Temazepam	5.800	139970	185.28	25.8	30.49	1221078	4.9613 ng/ml
Tramadol	4.239	179335	310.42	2.9	19.26	1807216	4.8731 ng/ml
Trazodone	5.114	122624	17609.70	65.8	6724.79	807212	4.8254 ng/ml
Venlafaxine	5.035	176894	862.48	35.0	485.93	1746667	5.1405 ng/ml
Zolpidem	4.877	174318	1240.31	27.8	924.47	1326155	4.8825 ng/ml

SC

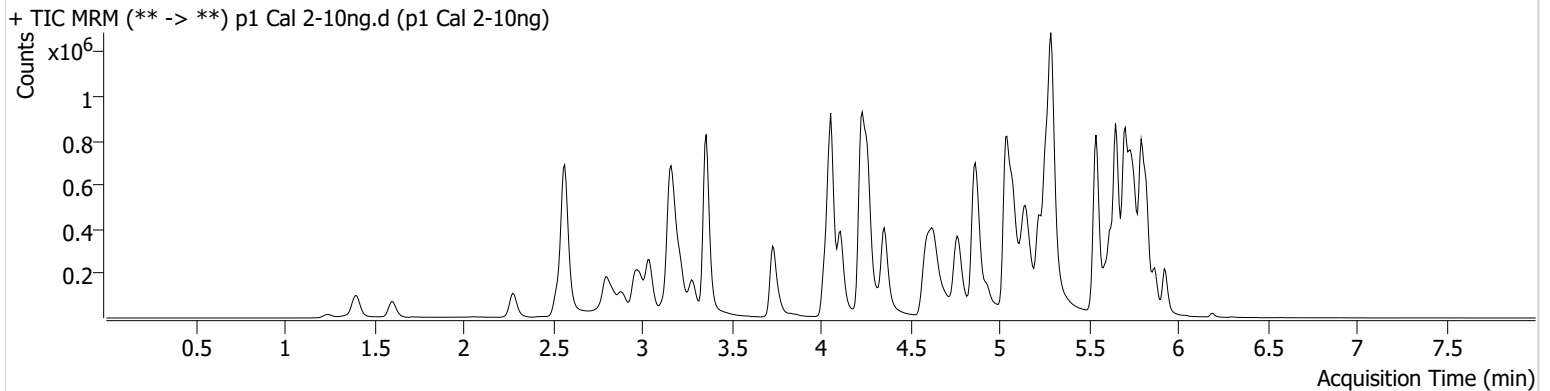


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-B6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 7:23:17 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	3211	18781.42	73.3	3945.05	96401	0.9166 ng/ml
7-aminoclonazepam	4.244	35249	118.29	81.7	154.33	151301	10.2638 ng/ml
a-hydroxyalprazolam	5.681	31732	251.76	64.9	384.64	1093146	10.4845 ng/ml
alpha-PHP	4.935	53369	136.93	251.6	5063.27	748405	9.9622 ng/ml
alpha-PVP	4.363	203166	434.03	51.9	207.46	748405	10.0173 ng/ml
Alprazolam	5.758	100261	147.51	118.6	520.29	430006	9.7270 ng/ml
Amphetamine	3.043	339661	560.85	49.2	859.95	551109	10.3965 ng/ml
Benzoylecgonine	3.864	3834	38.83	9.1	71.02	12910	9.7620 ng/ml
Buprenorphine	5.761	3931	182.21	19.6	1631.18	160701	0.9820 ng/ml
Bupropion	4.778	202699	343.30	64.8	316.66	661287	10.0228 ng/ml
Carisoprodol	5.713	119121	109390.31	68.6	629.36	491626	9.4657 ng/ml
Chlordiazepoxide	5.827	65173	1020.13	118.6	452.26	707146	11.0275 ng/ml
Chlorpheniramine	5.151	324551	698.85	0.2	34.23	1468456	10.3245 ng/ml
Citalopram	5.225	160827	3401.28	38.9	118.05	648254	9.7794 ng/ml
Clonazepam	5.600	120909	3301.53	35.6	143174.23	164359	10.3717 ng/ml
Clonazolam	5.537	98254	2750.07	35.5	59009.01	164359	10.4543 ng/ml
Cocaine	4.264	128724	25425.69	55.0	717.11	1176785	9.8456 ng/ml
Codeine	2.580	16907	35560.05	107.0	∞	88118	10.3390 ng/ml
Cyclobenzaprine	5.624	144367	2644.29	7.2	52.42	560717	9.8951 ng/ml
Dextromethorphan	5.268	93862	2642.85	81.2	335.67	428552	9.8431 ng/ml
Dextrorphan	4.111	62127	492.09	207.3	1666.91	626916	9.9552 ng/ml
Diazepam	5.930	63326	1170.99	93.5	2404.29	288714	9.8144 ng/ml
Dihydrocodeine	2.552	43494	674.43	60.6	153.05	257959	10.5483 ng/ml
Diphenhydramine	5.296	428280	14882.29	32.5	22156.25	2071958	9.7695 ng/ml
DMT	2.852	25603	238.17	131.3	514.21	428552	10.0323 ng/ml
Doxylamine	4.613	371095	3281.96	97.5	3763.16	1700406	10.0053 ng/ml
Duloxetine	5.643	10028	249.50	14.8	158.25	50874	9.7430 ng/ml
EDDP	5.261	212060	5272.00	42.4	217.23	982845	9.9975 ng/ml
Etizolam	5.797	59574	86279.81	25.1	1776.28	164359	10.2254 ng/ml
Fentanyl	5.094	16689	1619.72	65.6	42976.62	729154	1.0622 ng/ml
Flualprazolam	5.688	60467	3227.40	93.0	5966.83	430006	10.3152 ng/ml
Fluorofentanyl	5.148	31176	138.48	44.0	1675.81	6291	0.9311 ng/ml
Fluoxetine	5.703	143055	139780.42	7.1	63.53	464570	9.8984 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	76085	195.61	35.5	367.34	362616	10.5431 ng/ml
Hydromorphone	1.609	54272	1757.56	74.4	94306.04	162436	9.9954 ng/ml
Hydroxyzine	5.693	170163	3846.72	73.3	598.55	428552	9.6015 ng/ml
Ketamine	4.036	135164	640.64	36.0	329.24	539015	10.3378 ng/ml
Lamotrigine	4.267	14430	590.19	81.1	331.81	1593376	10.3842 ng/ml
Lorazepam	5.729	96149	1085.77	49.6	201.70	585171	10.9020 ng/ml
MDA	3.191	256113	1335.31	36.4	120.00	808071	10.2843 ng/ml
MDMA	3.285	127565	592.79	110.2	2368.38	142208	9.9437 ng/ml
Meprobamate	4.888	97853	9062.13	28.5	174.38	440328	10.2471 ng/ml
Methadone	5.655	313388	9080.66	47.5	715.85	1196323	9.9147 ng/ml
Methamphetamine	3.219	331972	692.95	35.2	2537.37	1275774	10.2288 ng/ml
Metoprolol	4.320	39997	431.36	101.8	808.06	1636875	10.1684 ng/ml
Mirtazapine	4.634	272544	15928.68	51.7	2677.15	748405	10.0259 ng/ml
Mitragynine	5.222	66202	63153.64	37.1	7201.17	1196323	10.1064 ng/ml
Morphine	1.247	7205	366.83	58.7	1608.54	10282	10.0851 ng/ml
Norbuprenorphine	4.990	762	764.16	108.9	1548.62	26961	1.0860 ng/ml
Nordiazepam	5.877	76002	689.45	58.5	2543.43	233559	10.0513 ng/ml
Norfentanyl	4.078	33978	668.98	37.0	163.60	1285680	0.9656 ng/ml
Norhydrocodone	3.060	14668	70.79	38.9	729.52	103403	9.4081 ng/ml
Noroxycodone	2.904	79083	325.00	44.2	2784.14	253023	10.2921 ng/ml
O-desmethyl-tramadol	3.366	322447	2190.17	5.7	1014.80	1752020	9.7770 ng/ml
o-desmethylvenlafaxine	4.056	447416	∞	18.1	531.77	369046	9.6045 ng/ml
Olanzapine	4.836	15668	15.05	47.7	23.20	87270	2.6180 ng/ml
Oxazepam	5.739	136734	4666.33	71.7	154.36	585171	10.0855 ng/ml
Oxycodone	2.828	158286	642.68	26.7	548.80	585206	10.3651 ng/ml
Oxymorphone	1.405	80571	750.25	41.8	795.13	268314	10.0774 ng/ml
Phentermine	3.767	84114	1817.42	6.8	44.82	893819	10.3164 ng/ml
Promethazine	5.540	247675	958.03	32.6	416.75	1062786	9.7899 ng/ml
Pseudoephedrine	2.576	335089	353.22	19.2	199.06	1593376	9.6831 ng/ml
Quetiapine	5.543	181609	9925.17	59.8	142.71	286498	10.3094 ng/ml
Sertraline	5.772	36731	953.14	106.9	289.00	162393	9.8295 ng/ml
Temazepam	5.800	244256	1640.64	25.9	306.32	1093146	10.0355 ng/ml
Tramadol	4.239	320155	30781.68	3.4	27.65	1636875	10.1004 ng/ml
Trazodone	5.114	204332	42240.02	65.1	6801.06	693388	10.1743 ng/ml
Venlafaxine	5.035	318348	59001.62	34.7	832.94	1568480	9.7582 ng/ml
Zolpidem	4.877	306851	645.99	28.0	2693.10	1176467	10.1100 ng/ml

SC

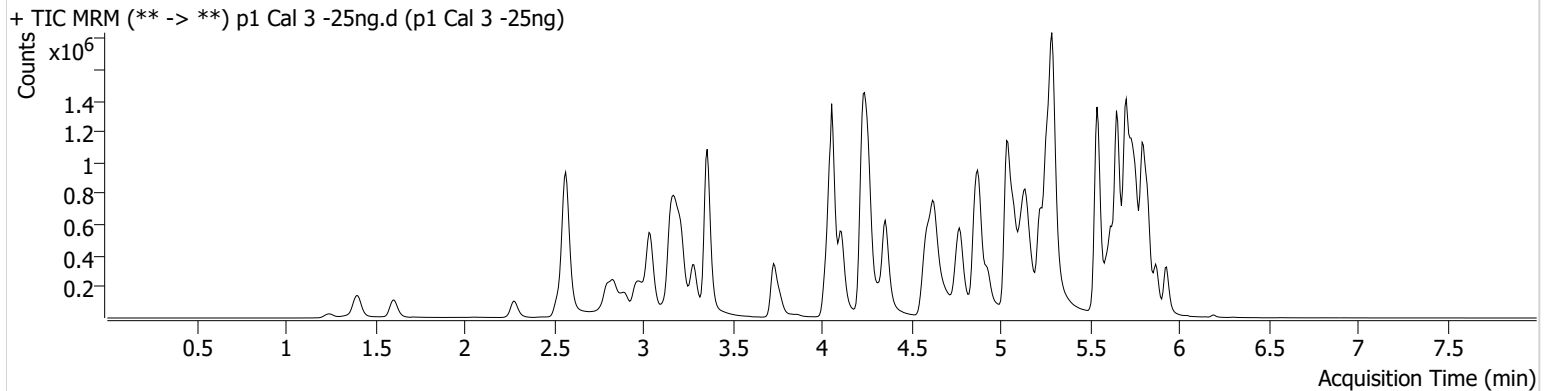


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-C6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 7:33:54 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	8687	201.98	68.4	31207.70	98973	2.4814 ng/ml
7-aminoclonazepam	4.244	95599	141.68	80.8	957.63	163261	26.7757 ng/ml
a-hydroxyalprazolam	5.681	79894	445.62	63.4	299.24	1135988	26.8065 ng/ml
alpha-PHP	4.928	145417	1342.64	248.7	704.35	815309	24.9884 ng/ml
alpha-PVP	4.363	537291	505.87	52.5	361.22	815309	23.9924 ng/ml
Alprazolam	5.758	269708	921.13	117.7	2430.91	446788	25.0201 ng/ml
Amphetamine	3.043	898370	900.81	46.6	614.70	571616	28.1355 ng/ml
Benzoylecgonine	3.864	9369	140.40	7.9	48.76	12949	24.7080 ng/ml
Buprenorphine	5.761	10957	267.69	16.3	2043.90	188309	2.4318 ng/ml
Bupropion	4.778	537499	328.20	65.5	908.52	701029	25.2706 ng/ml
Carisoprodol	5.713	302977	43200.51	67.6	3218.00	482138	23.4697 ng/ml
Chlordiazepoxide	5.827	158810	4514.31	120.3	864.69	745090	26.8453 ng/ml
Chlorpheniramine	5.145	838396	2548.29	0.3	39.11	1593367	23.2284 ng/ml
Citalopram	5.225	429784	4787.34	36.5	450.82	684891	24.0826 ng/ml
Clonazepam	5.600	316173	8946.62	33.2	60608.04	169928	27.4521 ng/ml
Clonazolam	5.544	249448	15843.12	36.7	80344.80	169928	26.9024 ng/ml
Cocaine	4.257	340772	38488.65	55.3	26654.08	1233011	24.7601 ng/ml
Codeine	2.573	43941	752.63	105.2	140100.18	89732	27.7460 ng/ml
Cyclobenzaprine	5.624	379180	568.85	7.1	248.62	594712	23.8560 ng/ml
Dextromethorphan	5.268	252065	5477.40	79.8	260.64	449457	25.2136 ng/ml
Dextrorphan	4.111	163690	495.49	209.6	11062.55	666576	24.5527 ng/ml
Diazepam	5.930	170745	2396.39	90.0	795.42	308379	24.9018 ng/ml
Dihydrocodeine	2.552	112160	1186.01	62.4	775.12	269927	27.4088 ng/ml
Diphenhydramine	5.296	1146944	639.03	32.7	6341.03	2187772	24.0724 ng/ml
DMT	2.845	66732	427.58	129.8	2428.10	449457	23.6296 ng/ml
Doxylamine	4.606	959064	133.25	96.5	25852.03	1805176	23.7173 ng/ml
Duloxetine	5.643	24639	457.34	16.0	158.24	49519	24.8488 ng/ml
EDDP	5.261	591190	10285.94	42.3	16876.03	1127212	24.0686 ng/ml
Etizolam	5.797	158081	4406.21	26.1	80287.35	169928	23.1732 ng/ml
Fentanyl	5.094	43756	2773.93	68.4	23740.35	822795	2.5111 ng/ml
Flualprazolam	5.688	153175	5227.46	96.1	9761.41	446788	26.3760 ng/ml
Fluorofentanyl	5.148	86264	4846.93	44.3	1605.95	6992	2.3181 ng/ml
Fluoxetine	5.703	338087	1036.15	7.7	77.04	456990	22.7886 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	188367	117.93	35.1	125.65	371496	27.1791 ng/ml
Hydromorphone	1.609	138408	3852.36	74.7	581408.14	165726	24.8845 ng/ml
Hydroxyzine	5.693	463572	10751.72	74.0	6710.39	449457	24.0326 ng/ml
Ketamine	4.036	349276	945.41	36.1	207.66	565048	27.0534 ng/ml
Lamotrigine	4.267	35293	221.32	82.7	533.03	1648689	25.9148 ng/ml
Lorazepam	5.729	219972	5365.31	51.0	302.35	569435	27.5509 ng/ml
MDA	3.184	638042	3972.28	36.0	409.81	810533	26.7144 ng/ml
MDMA	3.285	334025	2826.32	110.7	2406.37	150469	24.6420 ng/ml
Meprobamate	4.888	251038	91630.67	29.4	682.74	456521	27.5296 ng/ml
Methadone	5.655	866943	4984.14	47.9	1647.42	1312421	24.4859 ng/ml
Methamphetamine	3.219	858606	1017.83	35.7	7478.91	1342989	26.3906 ng/ml
Metoprolol	4.320	104978	2876.42	105.8	2685.33	1721967	26.0163 ng/ml
Mirtazapine	4.627	718641	14623.71	51.9	6208.29	815309	24.0629 ng/ml
Mitragynine	5.222	178304	232.48	38.5	744.93	1312421	25.3731 ng/ml
Morphine	1.247	18164	446.48	60.4	661.37	10468	24.7651 ng/ml
Norbuprenorphine	4.990	1726	2030.25	110.3	2060.67	29912	2.3473 ng/ml
Nordiazepam	5.877	204681	8158.37	58.4	5309.50	247520	25.9864 ng/ml
Norfentanyl	4.078	88117	4094.51	36.8	187.35	1318448	2.3745 ng/ml
Norhydrocodone	3.060	34243	230.11	43.0	146.17	96136	22.0958 ng/ml
Noroxycodone	2.904	190331	988.19	44.3	698.22	252115	24.7826 ng/ml
O-desmethyl-tramadol	3.359	859254	43112.01	5.8	240.23	1846549	24.1779 ng/ml
o-desmethylvenlafaxine	4.056	1157818	71179.78	18.7	1503.79	382166	23.0663 ng/ml
Olanzapine	4.795	67008	934.14	104.9 High	814.40	2120	109.5496 ng/ml
Oxazepam	5.739	328755	2554.19	72.7	1416.45	569435	25.8055 ng/ml
Oxycodone	2.828	402802	1111.85	27.2	1372.42	594587	26.9559 ng/ml
Oxymorphone	1.405	195496	748.06	42.9	∞	262246	25.4698 ng/ml
Phentermine	3.767	222638	1735.50	6.8	95.07	941442	27.5494 ng/ml
Promethazine	5.540	663668	3343.85	32.4	734.34	1151235	23.5752 ng/ml
Pseudoephedrine	2.576	866379	22087.57	19.1	20242.29	1648689	23.3100 ng/ml
Quetiapine	5.543	475996	308656.77	59.8	7708.19	302575	27.1426 ng/ml
Sertraline	5.772	86187	342.05	102.1	390.68	151131	24.4957 ng/ml
Temazepam	5.800	622914	2106.48	26.1	214.47	1135988	25.1862 ng/ml
Tramadol	4.239	861120	554.47	3.3	94.67	1721967	26.6189 ng/ml
Trazodone	5.107	562553	58170.69	64.7	15021.75	743347	27.4861 ng/ml
Venlafaxine	5.035	852057	903.09	33.9	1761.29	1661715	23.8255 ng/ml
Zolpidem	4.877	828945	891661.02	27.5	1135.33	1256699	26.2236 ng/ml

SC

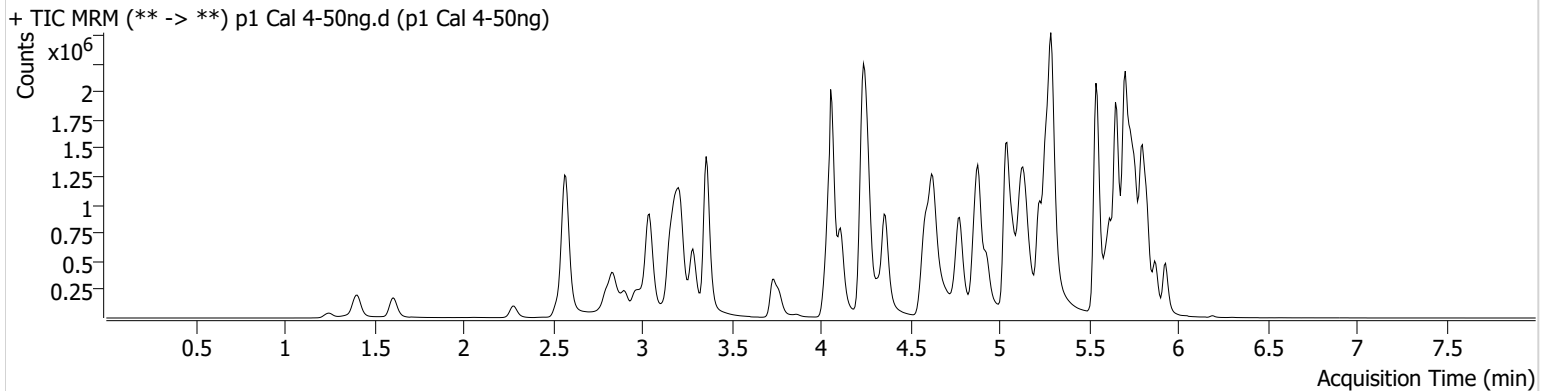


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-D6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 7:44:31 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	16810	4539.69	74.6	27450.82	99165	4.8296 ng/ml
7-aminoclonazepam	4.244	177517	2426.89	76.6	1826.37	158622	51.7628 ng/ml
a-hydroxyalprazolam	5.681	137744	1072.60	66.0	471.72	1047957	50.9569 ng/ml
alpha-PHP	4.928	284534	316.14	248.1	2627.26	784838	50.8411 ng/ml
alpha-PVP	4.363	1060016	413.41	53.0	305.00	784838	48.9328 ng/ml
Alprazolam	5.758	513443	1134.29	119.0	∞	422777	50.2321 ng/ml
Amphetamine	3.043	1640685	7868.14	46.7	1354.95	560714	53.2857 ng/ml
Benzoylcegonine	3.864	18044	231.54	8.9	155.81	12636	49.3920 ng/ml
Buprenorphine	5.761	21135	2056.00	16.4	3908.16	174652	5.1321 ng/ml
Bupropion	4.778	1044132	94167.72	66.0	4558.12	681673	50.6168 ng/ml
Carisoprodol	5.713	544921	758.28	67.7	1094.09	418967	47.8515 ng/ml
Chlordiazepoxide	5.827	301709	19924.60	121.3	3009.69	721996	53.6147 ng/ml
Chlorpheniramine	5.138	1777948	10661.06	0.3	19.43	1563099	49.0761 ng/ml
Citalopram	5.225	828967	358.33	38.1	6993.70	672056	46.9251 ng/ml
Clonazepam	5.600	586273	3487.05	33.8	1415.64	160673	54.6023 ng/ml
Clonazolam	5.544	454019	283356.85	36.1	186460.24	160673	52.5676 ng/ml
Cocaine	4.264	647127	1031406.44	55.4	277.20	1169875	49.4812 ng/ml
Codeine	2.580	81842	1446.07	100.4	149675.52	84899	55.4662 ng/ml
Cyclobenzaprine	5.624	765827	7234.55	7.0	54.32	600133	47.3072 ng/ml
Dextromethorphan	5.268	494955	338.95	80.1	327.84	447763	49.7025 ng/ml
Dextrorphan	4.111	317949	893.96	207.9	34114.52	655309	48.4339 ng/ml
Diazepam	5.930	340975	653.81	87.4	5643.84	301955	50.8731 ng/ml
Dihydrocodeine	2.552	211191	4464.66	63.8	4409.63	264021	53.6562 ng/ml
Diphenhydramine	5.296	2226325	1137.01	33.1	630.62	2157509	46.9373 ng/ml
DMT	2.852	129586	980.01	132.5	6770.79	447763	45.2272 ng/ml
Doxylamine	4.593	1891135	81818.67	99.8	16996.62	1714096	48.7718 ng/ml
Duloxetine	5.643	51650	2658.38	14.5	1905.09	52240	49.5406 ng/ml
EDDP	5.261	1072253	400.90	43.3	595.13	1031318	47.5525 ng/ml
Etizolam	5.797	304061	1477.70	25.7	165269.91	160673	45.1125 ng/ml
Fentanyl	5.094	86833	9422.01	66.8	156.57	802178	5.1450 ng/ml
Flualprazolam	5.688	284299	11772.81	94.5	193206.49	422777	52.5557 ng/ml
Fluorofentanyl	5.148	174830	5298.50	42.9	7141.04	6878	4.7762 ng/ml
Fluoxetine	5.703	687304	11510.82	7.8	232.64	449568	46.3374 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	360778	∞	35.4	1017.52	362652	54.4805 ng/ml
Hydromorphone	1.615	265329	230025.80	74.3	3957.36	159998	49.3455 ng/ml
Hydroxyzine	5.693	905985	18472.22	75.3	6923.34	447763	46.5992 ng/ml
Ketamine	4.036	662220	740.87	35.8	481.44	549550	53.7571 ng/ml
Lamotrigine	4.267	67750	1503.83	81.4	4745.33	1561187	53.5660 ng/ml
Lorazepam	5.729	376295	808.82	52.2	489.95	517167	53.1487 ng/ml
MDA	3.191	1143719	1974.25	36.3	893.99	765611	51.4054 ng/ml
MDMA	3.285	652760	9644.96	110.9	450.12	144603	50.1339 ng/ml
Meprobamate	4.888	452633	500.14	28.3	193.39	413213	56.3017 ng/ml
Methadone	5.655	1678442	51996.55	49.1	4167.21	1273432	48.5201 ng/ml
Methamphetamine	3.219	1679316	29772.54	35.5	1291.60	1332626	52.8569 ng/ml
Metoprolol	4.320	205121	726396.40	105.6	6599.58	1693129	52.1271 ng/ml
Mirtazapine	4.627	1397583	1181.92	52.3	13961.49	784838	48.4669 ng/ml
Mitragynine	5.222	347895	1198.89	36.8	1215.87	1273432	51.4117 ng/ml
Morphine	1.247	34398	1298.99	59.7	273.15	9700	50.4613 ng/ml
Norbuprenorphine	4.990	3613	49.85	104.9	149.55	30618	4.9295 ng/ml
Nordiazepam	5.877	392754	1369.19	58.1	1043.49	239364	51.8473 ng/ml
Norfentanyl	4.078	166551	195.01	38.8	1237.74	1245780	4.7057 ng/ml
Norhydrocodone	3.060	64810	203.75	39.9	241.63	84680	46.3160 ng/ml
Noroxycodone	2.904	353768	871.11	44.6	2665.97	235731	49.2111 ng/ml
O-desmethyl-tramadol	3.366	1694537	4813.66	5.7	6052.14	1809956	48.2863 ng/ml
o-desmethylvenlafaxine	4.063	2326329	105031.56	17.9	2866.56	373448	46.7688 ng/ml
Olanzapine	4.747	233321	70.17	61.1	39.52	93179	10.5262 ng/ml
Oxazepam	5.739	586116	6361.44	71.3	1654.04	517167	51.2370 ng/ml
Oxycodone	2.828	757582	2804.72	27.7	3285.87	577011	52.8628 ng/ml
Oxymorphone	1.405	359310	∞	43.6	∞	244812	50.4410 ng/ml
Phentermine	3.767	428744	1143.86	6.8	250.84	912277	55.8093 ng/ml
Promethazine	5.540	1325695	22940.94	32.0	11095.25	1124905	47.7393 ng/ml
Pseudoephedrine	2.576	1693766	2585.46	19.0	103571.54	1561187	47.4958 ng/ml
Quetiapine	5.543	917770	38436.46	60.7	20845.89	298351	54.0790 ng/ml
Sertraline	5.772	177163	510.09	105.1	710.53	157565	48.1132 ng/ml
Temazepam	5.800	1163595	926.06	25.7	471.25	1047957	51.3931 ng/ml
Tramadol	4.239	1664987	∞	3.5	180.06	1693129	52.8379 ng/ml
Trazodone	5.114	1085309	431.59	68.3	303173.22	755122	52.9792 ng/ml
Venlafaxine	5.035	1671280	44734.00	33.7	535.05	1637977	46.8740 ng/ml
Zolpidem	4.877	1625475	1331.72	27.5	5015.45	1238400	52.6058 ng/ml

SC

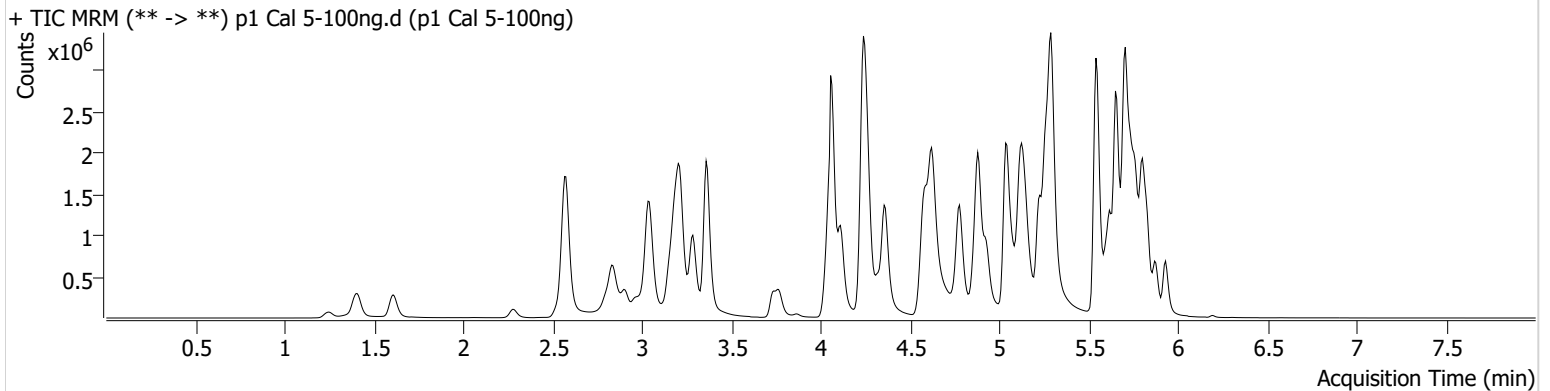


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-E6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 7:55:09 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	30647	812.97	72.6	372.31	86673	10.1181 ng/ml
7-aminoclonazepam	4.244	335754	2385.58	79.2	∞	151898	102.8683 ng/ml
a-hydroxyalprazolam	5.681	209695	730.29	63.7	583.41	774553	106.0032 ng/ml
alpha-PHP	4.928	492596	9349.50	248.9	4928.17	682328	101.2885 ng/ml
alpha-PVP	4.363	1841899	13847.92	52.5	1071.66	682328	97.5729 ng/ml
Alprazolam	5.758	845955	694.98	117.5	950.44	338270	103.3302 ng/ml
Amphetamine	3.043	2709865	747.44	46.2	592.59	502090	99.1712 ng/ml
Benzoylcegonine	3.864	32906	1155.70	8.8	3677.07	11325	101.1681 ng/ml
Buprenorphine	5.761	37277	792.28	15.6	8133.38	150879	10.5502 ng/ml
Bupropion	4.778	1831374	29742.59	65.6	851.23	597188	101.4736 ng/ml
Carisoprodol	5.713	822298	30326.73	67.4	800.79	305388	98.3396 ng/ml
Chlordiazepoxide	5.827	482311	5040.13	123.1	2327.92	611080	102.1742 ng/ml
Chlorpheniramine	5.131	3131646	17738.68	0.3	313.77	1357770	98.5080 ng/ml
Citalopram	5.225	1428658	644.49	37.3	412.56	553434	97.7388 ng/ml
Clonazepam	5.600	947228	1834.78	33.4	1130.57	130795	109.1565 ng/ml
Clonazolam	5.544	702064	182132.17	37.2	344044.98	130795	100.6157 ng/ml
Cocaine	4.257	1116135	∞	56.7	27918.39	1017968	98.0038 ng/ml
Codeine	2.580	134718	138.29	105.8	24684.16	74517	104.7882 ng/ml
Cyclobenzaprine	5.624	1432616	36684.90	6.9	110.86	535145	98.7621 ng/ml
Dextromethorphan	5.268	829498	17287.79	79.7	215.82	377116	98.9072 ng/ml
Dextrorphan	4.111	554494	657.34	208.7	28095.18	560517	98.6703 ng/ml
Diazepam	5.930	577181	666.04	88.7	5705.82	254117	102.4103 ng/ml
Dihydrocodeine	2.552	383383	1419.79	60.4	125.34	238370	108.8616 ng/ml
Diphenhydramine	5.289	3961314	399.66	32.8	1020.18	1811633	98.9466 ng/ml
DMT	2.845	229394	6192.78	133.4	1619.76	377116	94.0932 ng/ml
Doxylamine	4.586	3475740	19968.63	96.7	27669.03	1548287	98.7763 ng/ml
Duloxetine	5.643	103214	4449.96	15.3	1731.11	50356	102.8821 ng/ml
EDDP	5.261	1911704	67121.10	42.5	17262.67	907453	96.1855 ng/ml
Etizolam	5.797	490158	5890.74	25.8	11929.20	130795	87.4134 ng/ml
Fentanyl	5.094	157167	19380.06	68.7	485953.48	730499	10.2582 ng/ml
Flualprazolam	5.688	434119	11987.03	99.3	955908.47	338270	101.0752 ng/ml
Fluorofentanyl	5.148	318181	843.06	43.4	10308.66	5840	10.2377 ng/ml
Fluoxetine	5.703	1349438	28789.11	7.5	963.34	417969	97.0690 ng/ml



SC



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	611445	258.88	35.2	103.14	319468	105.9238 ng/ml
Hydromorphone	1.609	485040	42709.32	73.5	6464.22	143086	100.7994 ng/ml
Hydroxyzine	5.693	1598431	10749.22	75.1	8432.52	377116	96.9944 ng/ml
Ketamine	4.036	1161173	11093.73	35.7	455.70	485158	107.8283 ng/ml
Lamotrigine	4.267	112724	2204.60	82.1	1246.61	1345301	104.3610 ng/ml
Lorazepam	5.729	519843	5248.37	50.6	120.76	387346	99.2322 ng/ml
MDA	3.184	1885629	9658.70	35.8	1521.66	645622	101.2564 ng/ml
MDMA	3.285	1139422	130652.11	112.6	514.14	124412	101.7373 ng/ml
Meprobamate	4.888	704304	354.57	28.8	423.34	347473	105.4348 ng/ml
Methadone	5.655	2937502	25534.12	48.4	15102.95	1088848	98.9572 ng/ml
Methamphetamine	3.212	2973595	1571.14	35.0	18166.59	1191297	105.5460 ng/ml
Metoprolol	4.320	353143	1177.44	105.4	21018.85	1483121	102.8690 ng/ml
Mirtazapine	4.620	2506937	1651.33	51.7	22589.15	682328	99.8470 ng/ml
Mitragynine	5.222	614406	2131476.92	36.6	704.42	1088848	106.5992 ng/ml
Morphine	1.247	63894	12643.70	60.4	513.61	8974	101.1765 ng/ml
Norbuprenorphine	4.990	6038	1476.73	105.1	∞	25719	9.9276 ng/ml
Nordiazepam	5.877	640230	1256.68	57.5	4773.01	197949	102.4786 ng/ml
Norfentanyl	4.078	294888	1330.27	38.6	2058.16	1043099	9.9016 ng/ml
Norhydrocodone	3.060	107100	224.41	40.0	122.17	65966	97.1168 ng/ml
Noroxycodone	2.904	581785	5161.68	44.7	495.90	195166	97.6972 ng/ml
O-desmethyl-tramadol	3.366	3049189	35772.95	5.6	501.85	1568870	99.8576 ng/ml
o-desmethylvenlafaxine	4.063	4100375	195866.70	17.9	6317.25	318618	95.9556 ng/ml
Olanzapine	4.727	436966	71.28	48.0	106.87	67798	23.9346 ng/ml
Oxazepam	5.739	878033	10879.43	71.4	364.39	387346	103.0838 ng/ml
Oxycodone	2.828	1335385	1015.22	27.3	6223.05	510659	105.9444 ng/ml
Oxymorphone	1.405	647142	∞	42.9	∞	224137	99.5230 ng/ml
Phentermine	3.767	721391	3623.73	7.0	886.76	812615	106.3741 ng/ml
Promethazine	5.540	2480713	5579.17	31.8	9592.74	1024444	97.6331 ng/ml
Pseudoephedrine	2.576	2946147	27965.64	18.8	43535.30	1345301	95.2699 ng/ml
Quetiapine	5.543	1548322	866.76	61.1	31834.17	263267	104.3508 ng/ml
Sertraline	5.772	396103	736.27	103.0	588.48	171077	98.8759 ng/ml
Temazepam	5.800	1738447	31713.62	26.6	460.00	774553	104.2781 ng/ml
Tramadol	4.239	2829412	∞	3.6	257.49	1483121	102.9844 ng/ml
Trazodone	5.107	1897533	71623.09	69.8	2660.34	668244	105.5150 ng/ml
Venlafaxine	5.035	2958678	∞	33.7	834.02	1401254	96.4206 ng/ml
Zolpidem	4.877	2870395	24206.19	27.3	3369.25	1083877	106.5756 ng/ml

SC

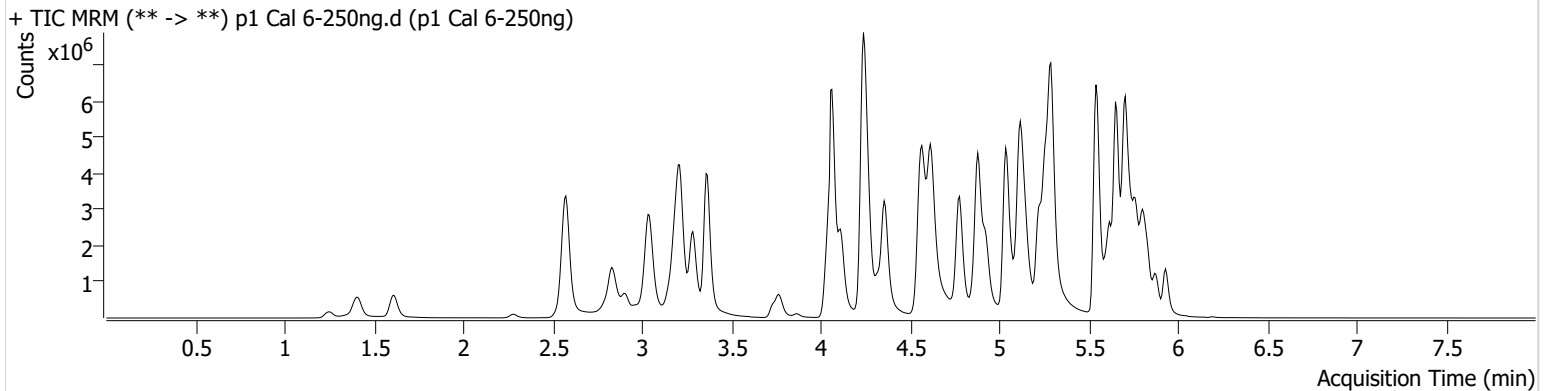


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 AM

**Instrument** Falco (069901) **Data File** p1 Cal 6-250ng.d  
**Type** Cal **Sample** p1 Cal 6-250ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Sarah Collins  
**Sample Position** P2-F6 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 11/17/2022 8:05:47 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	83810	103491.03	72.0	1411.65	92902	25.8774 ng/ml
7-aminoclonazepam	4.244	619448	∞	78.6	200.88	133229	217.0941 ng/ml
a-hydroxyalprazolam	5.674	319169	285.68	67.9	360.43	540694	232.2923 ng/ml
alpha-PHP	4.928	1271698	1816.61	254.4	1487.18	722620	246.9765 ng/ml
alpha-PVP	4.357	5008178	721.39	52.6	309595.00	722620	250.1536 ng/ml
Alprazolam	5.758	1833750	1024.11	115.0	1158.23	296355	255.5141 ng/ml
Amphetamine	3.043	5793321	35460.35	45.7	73703.07	518897	206.2673 ng/ml
Benzoylcegonine	3.864	91614	1429.73	8.4	1310.04	12799	250.1679 ng/ml
Buprenorphine	5.761	94377	46120.81	15.1	9792.89	158494	25.5251 ng/ml
Bupropion	4.778	5110294	138809.37	65.5	2546.62	662602	255.4015 ng/ml
Carisoprodol	5.713	1321046	516255.94	68.6	620.87	197416	243.3860 ng/ml
Chlordiazepoxide	5.827	932160	60395.38	131.6	18370.09	521232	232.8053 ng/ml
Chlorpheniramine	5.124	8561396	7702.68	0.3	45.69	1448569	250.8943 ng/ml
Citalopram	5.218	3515377	645.35	37.4	876.84	528073	251.3731 ng/ml
Clonazepam	5.600	1807563	21664.18	33.7	36541.32	109104	250.7389 ng/ml
Clonazolam	5.544	1248127	432069.45	37.2	4920.31	109104	215.3935 ng/ml
Cocaine	4.257	2803469	1935.44	56.1	290504.67	998551	250.8307 ng/ml
Codeine	2.573	285481	14708.72	99.7	2785.90	71022	234.0559 ng/ml
Cyclobenzaprine	5.624	3461431	28736.06	6.8	211.75	510201	249.6183 ng/ml
Dextromethorphan	5.268	1895795	431.34	78.0	284.06	345539	246.7162 ng/ml
Dextrorphan	4.111	1417089	29877.20	212.3	3568.24	568748	248.3970 ng/ml
Diazepam	5.930	1328920	∞	88.9	13883.53	238434	251.4228 ng/ml
Dihydrocodeine	2.552	875316	503.86	62.6	251.80	256841	231.7505 ng/ml
Diphenhydramine	5.289	10163398	1115.58	31.6	707.57	1754039	261.4412 ng/ml
DMT	2.845	573322	9148.24	138.7	841.19	345539	255.1411 ng/ml
Doxylamine	4.565	10011065	1212.76	95.4	1249.22	1684989	260.6864 ng/ml
Duloxetine	5.643	205243	2748.87	14.6	874.83	41187	250.3666 ng/ml
EDDP	5.254	4790944	778.08	41.3	426.99	868544	251.5862 ng/ml
Etizolam	5.797	1153914	31895.42	25.5	3473.36	109104	243.1268 ng/ml
Fentanyl	5.087	418686	12963.30	68.0	1534.58	775103	25.8042 ng/ml
Flualprazolam	5.688	825588	8111.45	98.8	2652.94	296355	220.4062 ng/ml
Fluorofentanyl	5.148	838753	17097.32	43.4	11459.06	5667	27.8149 ng/ml
Fluoxetine	5.710	2593377	344.53	7.4	145.83	307693	252.2672 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1473362	∞	35.8	272.57	333275	246.2372 ng/ml
Hydromorphone	1.615	1210463	6792602.31	74.6	2432565.79	143111	251.4108 ng/ml
Hydroxyzine	5.693	3847487	2072.76	76.0	24246.49	345539	253.8799 ng/ml
Ketamine	4.036	2985288	210790.48	34.9	14322.69	524563	257.8704 ng/ml
Lamotrigine	4.274	241632	12627.61	82.9	1937.33	1250223	242.0291 ng/ml
Lorazepam	5.729	657181	3441.17	51.9	561.71	221344	221.2543 ng/ml
MDA	3.184	3685984	20926.74	35.4	853.61	575788	222.8807 ng/ml
MDMA	3.285	2900732	14901.64	113.0	5877.48	128426	250.9411 ng/ml
Meprobamate	4.894	1367222	58922.26	28.7	316.74	309900	231.2239 ng/ml
Methadone	5.648	7805410	133938.54	46.1	1798.14	1091200	261.8189 ng/ml
Methamphetamine	3.212	7805438	3265.63	33.7	75837.44	1352700	245.1256 ng/ml
Metoprolol	4.320	868122	2837.99	106.2	1393.04	1514639	248.2260 ng/ml
Mirtazapine	4.620	6628451	9283.80	51.2	3442.05	722620	249.0649 ng/ml
Mitragynine	5.222	1440250	78272.38	38.2	7810.93	1091200	249.8607 ng/ml
Morphine	1.253	166813	515.55	58.1	2800.47	8940	264.9345 ng/ml
Norbuprenorphine	4.990	17343	78261.47	96.7	8627.04	28369	26.0494 ng/ml
Nordiazepam	5.877	1327444	2130.79	58.3	1861.70	164798	255.6493 ng/ml
Norfentanyl	4.078	695263	59133.26	38.7	5178.30	865542	28.0530 ng/ml
Norhydrocodone	3.060	252048	194.14	40.4	144.99	58858	254.5013 ng/ml
Noroxycodone	2.904	1233239	9413.47	42.4	791.16	164336	245.8634 ng/ml
O-desmethyl-tramadol	3.366	8249195	181662.38	5.5	2549.57	1649418	256.4014 ng/ml
o-desmethylvenlafaxine	4.063	10554589	501202.42	17.4	3144.97	307064	255.2464 ng/ml
Olanzapine	4.577	1096528	3926.91	54.8	2181.73	7767	482.3067 ng/ml
Oxazepam	5.739	1200770	173.76	71.6	131.15	221344	247.5409 ng/ml
Oxycodone	2.822	3139182	4589.84	27.3	1804.64	534497	238.7673 ng/ml
Oxymorphone	1.405	1473564	∞	42.9	∞	206401	246.5394 ng/ml
Phentermine	3.767	1683950	∞	6.7	1041.76	869501	233.3337 ng/ml
Promethazine	5.540	6325487	2315.88	30.4	13680.30	1000957	254.0913 ng/ml
Pseudoephedrine	2.576	7280488	229613.89	18.2	196834.90	1250223	252.3534 ng/ml
Quetiapine	5.543	3637485	134700.13	60.6	21613.98	272440	238.2330 ng/ml
Sertraline	5.772	801186	18876.42	102.7	1428.82	138032	247.5868 ng/ml
Temazepam	5.800	2905100	29705.61	27.3	2933.14	540694	250.1626 ng/ml
Tramadol	4.239	7460682	∞	3.4	500.32	1514639	266.7090 ng/ml
Trazodone	5.107	4492275	109576.76	72.4	844.65	701592	239.0123 ng/ml
Venlafaxine	5.035	8139073	96475.49	31.8	778.47	1435155	258.0661 ng/ml
Zolpidem	4.877	7843478	5288.09	26.8	13074.95	1218137	259.7380 ng/ml

SC

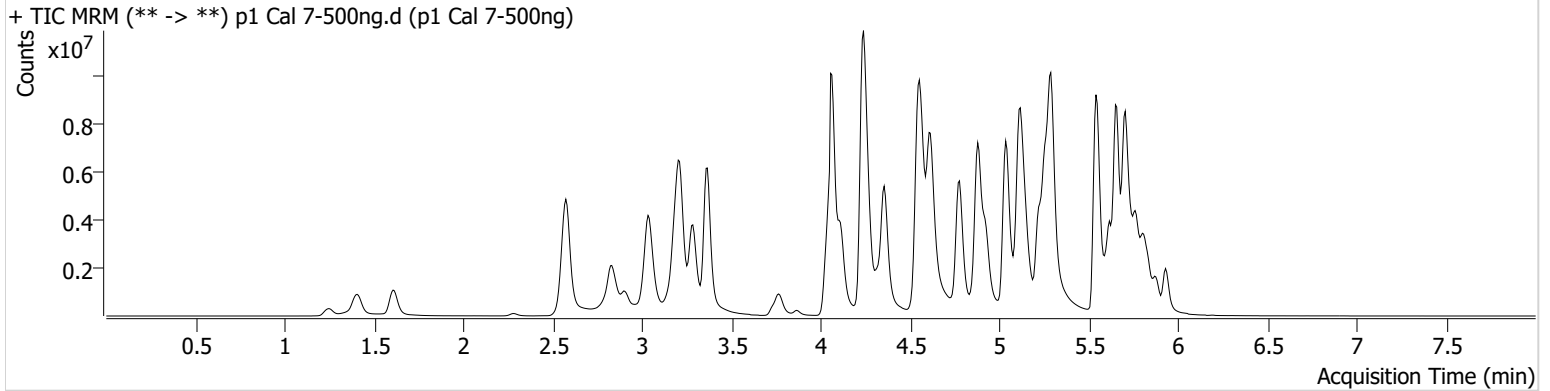


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-G6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 8:16:23 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	152916	13663.83	72.6	17181.20	85084	51.5930 ng/ml
7-aminoclonazepam	4.237	696831	112.92	79.4	106.70	93677	347.7130 ng/ml
a-hydroxyalprazolam	5.674	359325	307.43	63.5	220.59	301564	469.8993 ng/ml
alpha-PHP	4.928	2198551	24689.54	254.3	2194.12	622478	495.7192 ng/ml
alpha-PVP	4.357	8919578	18165.55	52.3	107261.95	622478	516.9551 ng/ml
Alprazolam	5.758	2704092	541.80	115.5	510.41	224260	497.8180 ng/ml
Amphetamine	3.043	8599917	121294.49	45.4	20822.62	490530	324.4991 ng/ml
Benzoylcegonine	3.864	193479	16876.69	8.6	13958.48	13504	501.3663 ng/ml
Buprenorphine	5.761	149806	391.74	15.5	18651.59	128859	49.9000 ng/ml
Bupropion	4.778	9230055	5750.59	64.7	1914.61	605669	504.7901 ng/ml
Carisoprodol	5.713	1568254	253.13	66.7	299.45	110983	513.1976 ng/ml
Chlordiazepoxide	5.834	1249424	21283.09	141.1	13608.67	374679	434.9783 ng/ml
Chlorpheniramine	5.117	15149893	6778.86	0.3	166.81	1251179	512.9881 ng/ml
Citalopram	5.218	5470343	320.38	37.1	966.50	380173	542.8473 ng/ml
Clonazepam	5.593	2354420	6516.26	33.6	1855.20	78190	456.3750 ng/ml
Clonazolam	5.551	1437012	67776.95	38.7	214542.84	78190	346.5502 ng/ml
Cocaine	4.257	4717030	108683.79	55.5	67214.58	821540	512.8945 ng/ml
Codeine	2.573	422446	132.67	100.2	8208.36	60689	405.9590 ng/ml
Cyclobenzaprine	5.624	5565678	1514.18	6.5	290.95	391488	522.5914 ng/ml
Dextromethorphan	5.268	2824772	169.30	78.4	187.80	256153	495.8987 ng/ml
Dextrorphan	4.111	2419810	1687.39	214.7	1390.36	473578	509.3165 ng/ml
Diazepam	5.930	2160180	∞	88.6	45435.71	197495	493.4889 ng/ml
Dihydrocodeine	2.545	1495730	255.38	63.6	258.52	249987	407.5996 ng/ml
Diphenhydramine	5.289	16078000	322.35	32.9	261.31	1380142	525.1688 ng/ml
DMT	2.845	972847	39451.96	143.9	37501.03	256153	582.8840 ng/ml
Doxylamine	4.559	19183794	89875.12	95.2	1528.75	1589805	528.9910 ng/ml
Duloxetine	5.643	248990	1845.61	15.1	5342.88	24348	513.9679 ng/ml
EDDP	5.254	8156225	76462.56	40.9	1814.65	723151	514.2496 ng/ml
Etizolam	5.797	1792432	11847.76	26.1	406067.49	78190	524.6873 ng/ml
Fentanyl	5.087	719585	60986.15	68.1	40161.27	706048	48.7155 ng/ml
Flualprazolam	5.688	1053187	39980.73	100.9	3872.58	224260	372.1422 ng/ml
Fluorofentanyl	5.148	1485573	31637.07	44.0	657954.14	4234	65.9326 ng/ml
Fluoxetine	5.710	3346651	362.26	7.1	231.34	194513	514.2233 ng/ml

SC



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	2578961	1262.05	37.0	1092.94	302288	476.3107 ng/ml
Hydromorphone	1.609	2216555	13579011.79	74.3	14257986.8	132007	499.0319 ng/ml
Hydroxyzine	5.693	6336761	7645.26	76.0	2217.49	256153	563.3540 ng/ml
Ketamine	4.036	4888888	84790.39	34.8	∞	480316	462.0525 ng/ml
Lamotrigine	4.274	338071	1523.50	84.7	7377.66	968470	437.9516 ng/ml
Lorazepam	5.729	686787	27735.35	48.9	331.16	114923	446.7741 ng/ml
MDA	3.184	4934097	50669.16	35.2	2866.58	470955	365.2651 ng/ml
MDMA	3.285	4899542	206149.34	108.7	2589.88	105993	513.5864 ng/ml
Meprobamate	4.894	1693835	1554.82	28.1	24475.91	218884	406.6870 ng/ml
Methadone	5.655	12586935	141830.34	47.8	2073.26	884550	520.5083 ng/ml
Methamphetamine	3.212	13231985	159101.32	33.1	61589.15	1312802	428.8179 ng/ml
Metoprolol	4.320	1389987	2263.98	105.9	66182.98	1339588	449.7320 ng/ml
Mirtazapine	4.613	11808469	90861.52	50.6	110169.92	622478	514.9330 ng/ml
Mitragynine	5.222	2230767	2484.98	38.0	171340.81	884550	477.7660 ng/ml
Morphine	1.247	299092	5628.24	61.5	∞	8651	490.7672 ng/ml
Norbuprenorphine	4.990	32470	165298.16	94.9	213.08	26929	51.4992 ng/ml
Nordiazepam	5.877	1823546	2187.04	58.2	41002.86	119061	486.3645 ng/ml
Norfentanyl	4.078	1103830	46393.35	38.0	5086.12	597951	64.4123 ng/ml
Norhydrocodone	3.060	452836	∞	38.9	475.50	49821	539.0484 ng/ml
Noroxycodone	2.904	1872803	1835.87	43.7	287.78	121652	504.3177 ng/ml
O-desmethyl-tramadol	3.366	14623957	135112.19	5.5	1013.97	1428283	524.5453 ng/ml
o-desmethylvenlafaxine	4.063	17973574	∞	17.1	2474.71	252664	527.5817 ng/ml
Olanzapine	4.720	230460	2993.77			15744	51.8068 ng/ml
Oxazepam	5.739	1202755	80.13	72.9	64.86	114923	478.1141 ng/ml
Oxycodone	2.822	5189150	2191.94	27.0	4247.04	494814	426.8611 ng/ml
Oxymorphone	1.405	2668083	∞	42.7	∞	172490	534.5087 ng/ml
Phentermine	3.767	2715692	∞	6.7	1735.46	818698	400.4109 ng/ml
Promethazine	5.540	10476718	89677.90	30.3	1714.32	811088	518.9048 ng/ml
Pseudoephedrine	2.576	11931658	144021.60	17.9	27669.07	968470	533.2289 ng/ml
Quetiapine	5.543	5664304	27912.61	61.3	64683.08	239451	422.8975 ng/ml
Sertraline	5.772	1022701	14130.29	103.2	38063.16	87370	499.1074 ng/ml
Temazepam	5.807	3174050	26359.97	26.2	1978.47	301564	490.4258 ng/ml
Tramadol	4.232	12163570	∞	3.4	487.15	1339588	492.0830 ng/ml
Trazodone	5.107	6720456	48805.31	76.2	706.06	593112	423.6271 ng/ml
Venlafaxine	5.035	14008915	37925.97	31.8	1980.82	1216492	523.4645 ng/ml
Zolpidem	4.877	13935057	241375.04	26.5	549.56	1147103	490.4176 ng/ml

# AM #28 Multi-Drug Quant. Results

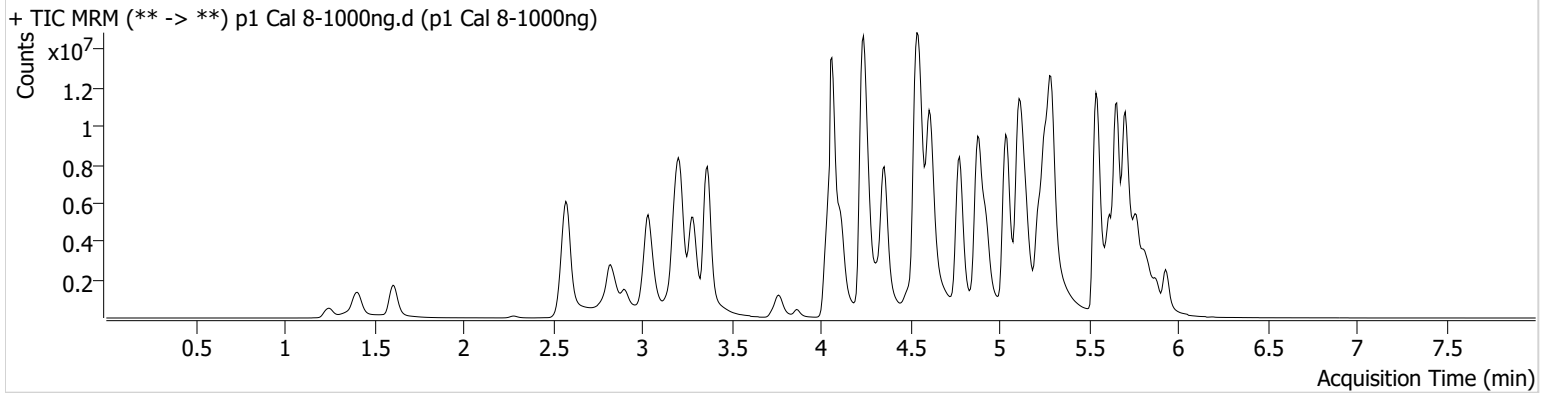
SC



**Batch results** D:\MassHunter\Data\2022\AM 27-28\111722 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 11/21/2022 8:21:08 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>	Sarah Collins
<b>Sample Position</b>	P2-H6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/17/2022 8:27:01 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	271927	3208.79	70.9	333168.83	78001	100.1154 ng/ml
7-aminoclonazepam	4.237	720198	927.65	80.1	2581.19	64616	521.3257 ng/ml
a-hydroxyalprazolam	5.674	333786	301.34	64.0	157.65	135490	972.5897 ng/ml
alpha-PHP	4.928	3502057	6782.14	254.4	1345.70	493928	995.1839 ng/ml
alpha-PVP	4.357	14237175	1845.26	52.5	1297.25	493928	1039.6717 ng/ml
Alprazolam	5.758	3449909	∞	115.4	142.11	148400	959.6956 ng/ml
Amphetamine	3.037	11229277	71207.73	45.0	92717.45	430399	483.4206 ng/ml
Benzoylcegonine	3.864	386936	32781.46	8.6	17098.36	13312	1017.8206 ng/ml
Buprenorphine	5.761	229824	85168.39	16.1	30148.35	105478	93.5839 ng/ml
Bupropion	4.778	14901588	478056.09	65.2	1310.49	528480	934.1116 ng/ml
Carisoprodol	5.720	1612371	152.87	68.6	92.23	51757	1130.5822 ng/ml
Chlordiazepoxide	5.834	1444847	10261.17	152.6 <b>High</b>	21986.89	247151	763.3359 ng/ml
Chlorpheniramine	5.124	23499051	77476.68	0.3	2604.33	954266	1042.2612 ng/ml
Citalopram	5.218	6796450	624.55	37.1	10783.30	249540	1027.1302 ng/ml
Clonazepam	5.593	2617527	37654.88	33.3	18226.98	48674	815.6783 ng/ml
Clonazolam	5.558	1402457	22309.24	38.3	214405.45	48674	543.7946 ng/ml
Cocaine	4.257	6880056	2679.83	56.8	611.22	605464	1014.9865 ng/ml
Codeine	2.573	596937	383.35	96.6	442.98	45888	759.4297 ng/ml
Cyclobenzaprine	5.624	8204766	20014.34	6.3	290.27	284635	1059.1445 ng/ml
Dextromethorphan	5.268	3735847	157.86	77.6	175.32	161857	1037.9313 ng/ml
Dextrorphan	4.111	3811112	682.12	216.5	507392.10	363344	1045.4362 ng/ml
Diazepam	5.930	3058266	521.89	86.2	1623.82	140661	981.0281 ng/ml
Dihydrocodeine	2.545	2327162	351.18	63.0	429.80	218404	726.6343 ng/ml
Diphenhydramine	5.298	21955911	242.45	34.8	266.94	977910	1011.7197 ng/ml
DMT	2.845	1503643	37542.22	149.9	59188.10	161857	1424.5019 ng/ml
Doxylamine	4.545	31179546	132011.03	96.3	44306.46	1401234	975.0999 ng/ml
Duloxetine	5.643	294860	6175.42	13.6	1033.17	15291	969.3332 ng/ml
EDDP	5.254	13931838	508358.69	41.2	796.38	590158	1076.1732 ng/ml
Etizolam	5.797	2479335	2647.57	25.4	388664.87	48674	1163.4724 ng/ml
Fentanyl	5.087	1159456	104193.39	68.1	2305.52	610427	90.8184 ng/ml
Flualprazolam	5.688	1080250	1602.52	102.6	13002.59	148400	577.2990 ng/ml
Fluorofentanyl	5.148	2704461	60035.93	44.0	12928.19	3789	134.1322 ng/ml
Fluoxetine	5.710	4521136	263.99	7.3	118.55	119150	1133.2327 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	3998169	∞	40.1	∞	270207	826.9794 ng/ml
Hydromorphone	1.609	3814575	27236321.39	74.5	6678012.67	112850	1004.5233 ng/ml
Hydroxyzine	5.693	9133622	602522.03	77.1	198860.57	161857	1284.3344 ng/ml
Ketamine	4.036	7101719	202455.16	34.5	14633.62	394132	818.7820 ng/ml
Lamotrigine	4.274	402250	7377.90	83.0	26632.39	674026	749.4402 ng/ml
Lorazepam	5.729	687178	635.51	51.3	183.24	49385	1042.1674 ng/ml
MDA	3.178	6269036	782.72	33.9	474.08	327682	667.6561 ng/ml
MDMA	3.285	7055797	24998.79	113.7	3871.80	81274	964.5881 ng/ml
Meprobamate	4.894	1847056	9181.91	28.5	395.61	140987	689.5226 ng/ml
Methadone	5.655	17723541	13412.69	51.8	1099.37	668036	970.1732 ng/ml
Methamphetamine	3.212	19422915	149988.23	31.5	163819.81	1236316	668.8761 ng/ml
Metoprolol	4.320	1902295	177158.07	106.7	102753.84	1113577	740.6888 ng/ml
Mirtazapine	4.613	18781220	125532.34	50.8	4299.08	493928	1032.0018 ng/ml
Mitragynine	5.222	3309519	53018.30	38.5	1624.65	668036	938.9020 ng/ml
Morphine	1.247	527044	∞	59.5	∞	7930	943.2361 ng/ml
Norbuprenorphine	4.990	57001	10461.62	97.4	124453.85	24950	97.6871 ng/ml
Nordiazepam	5.877	2287261	138856.33	58.0	13158.12	79532	913.4933 ng/ml
Norfentanyl	4.078	1455270	∞	38.0	535.33	299337	169.5627 ng/ml
Norhydrocodone	3.060	762150	424.35	40.7	164.41	40250	1121.8810 ng/ml
Noroxycodone	2.904	2610530	23981.72	44.3	434.03	85282	1002.7184 ng/ml
O-desmethyl-tramadol	3.366	22115680	∞	5.9	2013.13	1137258	995.9431 ng/ml
o-desmethylvenlafaxine	4.063	26046524	692481.99	17.5	3536.31	174935	1103.5782 ng/ml
Olanzapine	4.829	193970	2460.17	56.0	540.72	9882	68.7895 ng/ml
Oxazepam	5.739	1049224	45.13	71.9	41.80	49385	971.2150 ng/ml
Oxycodone	2.815	7856868	3390.69	27.3	∞	432782	739.4294 ng/ml
Oxymorphone	1.405	4174536	∞	45.4	∞	156403	922.5422 ng/ml
Phentermine	3.767	3836059	916.35	7.0	429.55	737084	628.8392 ng/ml
Promethazine	5.540	16664505	80722.61	30.6	1256.47	627657	1066.1375 ng/ml
Pseudoephedrine	2.583	16911825	83637.58	18.0	70401.85	674026	1085.3459 ng/ml
Quetiapine	5.543	7484305	65963.27	60.4	27253.81	208431	642.4831 ng/ml
Sertraline	5.772	1533619	15647.19	95.0	355.98	60483	1080.9360 ng/ml
Temazepam	5.807	2745659	37457.10	27.0	3368.76	135490	944.5904 ng/ml
Tramadol	4.232	16698440	1224.55	3.5	∞	1113577	812.9832 ng/ml
Trazodone	5.100	8784593	723.75	76.5	81157.24	470333	698.8555 ng/ml
Venlafaxine	5.035	20617714	5550.65	33.9	31534.44	881874	1062.1794 ng/ml
Zolpidem	4.877	20666884	492.55	28.0	1236.71	1010557	825.9006 ng/ml