


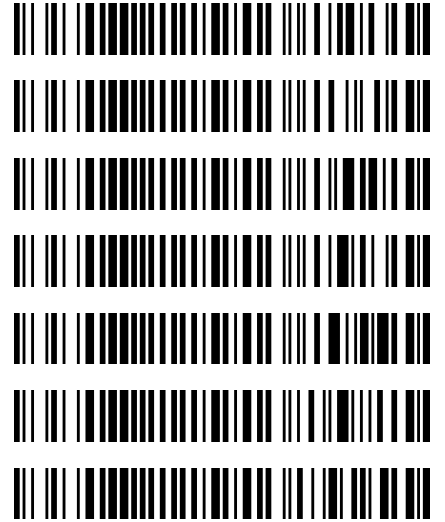
**Worklist: 6140**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-3803	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3881	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2817	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2860	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2883	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2883	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2888	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2895	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2934	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2943	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2954	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2959	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2960	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2973	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2998	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3014	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3019	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3020	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3025	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3033	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3040	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

**Worklist: 6140**

SC

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-3041	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3045	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3047	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3049	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3051	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3105	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3126	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 10/20/22

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

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

Blank Blood Lot: Lampire 22B52015-1

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

Analyst: Sarah Collins

Plate Retest Date: 02/02/23

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: N/A

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:

SC

*Curve Range Limits:*

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

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

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

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

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

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

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

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

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

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

*Norbuprenorphine 1-100 (calibrator 1 dropped due to ratio)*

*Norfentanyl 0.5-50 (calibrator 8 dropped due to accuracy)*

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

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

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



SC

**Idaho State Police  
Forensic Services**

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

---

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

---

**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**

---

Departure approved  
Comments:

Departure Not Approved  
Comments:

Approver: Rachel Cutler  
Title: Laboratory Manager



Date: 2/10/2022

**Quality Review**

---

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



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	m2022-3881-2	p2022-2883-1	p2022-2998-1	p2022-3126-1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	p2022-2943-1	p2022-3014-1	p2022-3041-1	p2022-3105-2 blank						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	p2022-2817-1	p2022-2888-1	p2022-3019-1							IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	p2022-2954-1	p2022-3020-1	p2022-3045-1						IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	p2022-2860-1	p20022-2960-1	p2022-3033-1						IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	negative blood	p2022-2883-2	p2022-3025-1	p2022-3047-1						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	m2022-3803-1	p2022-2934-1	p20022-2973-1	p2022-3049-1						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	p2022-2895-1	p2022-2959-1	p2022-3040-1	p2022-3051-1						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SC

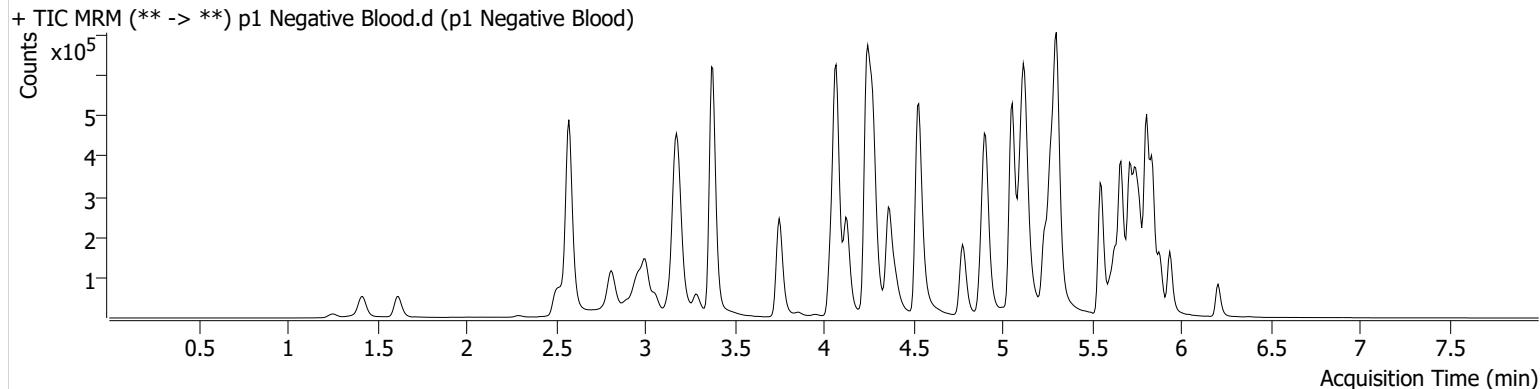


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 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 P1 Updated 082522.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P6-F2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/20/2022 9:16:15 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



SC

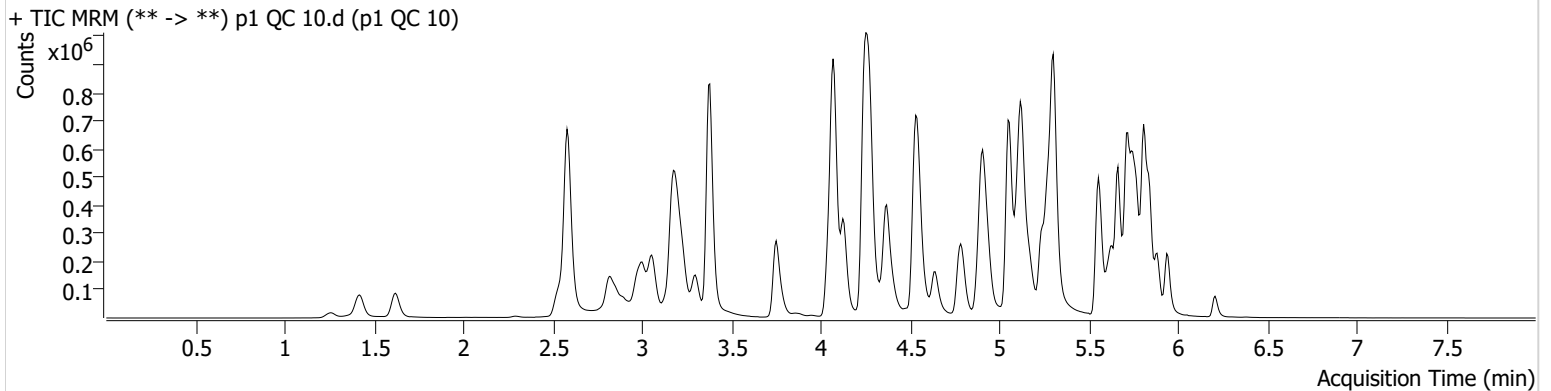


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 QC 10.d  
**Type** QC **Sample** p1 QC 10  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-A2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 7:51:05 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	3238	2579.16	69.0	1950.34	92551	0.9912 ng/ml
7-aminoclonazepam	4.265	74258	507.59	69.5	124.28	309623	10.6265 ng/ml
a-hydroxyalprazolam	5.695	29227	231.17	67.0	284.88	917163	10.6928 ng/ml
alpha-PHP	4.942	46983	113.70	266.2	433.77	730978	9.8752 ng/ml
alpha-PVP	4.377	191358	1471.81	52.9	801.95	730978	9.7149 ng/ml
Alprazolam	5.772	108630	246.25	105.7	292.43	392860	9.9480 ng/ml
Amphetamine	3.057	286861	590.42	50.0	405.93	449801	10.8032 ng/ml
Benzoylecgonine	3.884	5625	136.61	8.7	59.09	16439	11.8049 ng/ml
Buprenorphine	5.830	3220	66.00	18.0	∞	111534	1.0148 ng/ml
Bupropion	4.798	165538	1530.09	68.0	1044.59	550824	9.7449 ng/ml
Carisoprodol	5.720	121189	271.42	74.6	1521.43	510164	9.5669 ng/ml
Chlordiazepoxide	5.848	63852	768.25	42.4	365.42	644653	11.1362 ng/ml
Chlorpheniramine	5.124	274773	684.92	0.3	19.53	1116066	10.4938 ng/ml
Citalopram	5.238	133215	357.93	30.2	71723.77	512449	10.3054 ng/ml
Clonazepam	5.614	105554	322.00	37.6	395.10	146892	10.9971 ng/ml
Clonazolam	5.558	80822	26853.52	38.8	1620.85	146892	11.1878 ng/ml
Cocaine	4.271	126838	677.82	59.0	308.09	1103167	10.0767 ng/ml
Codeine	2.593	18701	1225.07	100.7	1661.31	86748	10.5726 ng/ml
Cyclobenzaprine	5.631	74614	3160.08	7.8	57.98	295135	10.4407 ng/ml
Dextromethorphan	5.282	68365	109.87	88.0	35592.56	303622	10.2472 ng/ml
Dextrorphan	4.131	57167	472.36	195.9	640.95	542381	10.1435 ng/ml
Diazepam	5.944	72896	287.55	90.3	341.43	306356	10.4784 ng/ml
Dihydrocodeine	2.565	43787	844.35	72.9	453.08	270427	10.3182 ng/ml
Diphenhydramine	5.303	348307	7986.38	31.5	3328.94	1548208	10.1362 ng/ml
Doxylamine	4.552	376912	1955.97	98.7	1698.74	1725204	10.0502 ng/ml
Duloxetine	5.657	6059	309.60	12.1	59.16	27704	11.1023 ng/ml
EDDP	5.275	113589	952.14	39.4	376.70	558887	9.8062 ng/ml
Etizolam	5.810	60023	2111.33	24.5	14548.69	146892	9.8686 ng/ml
Fentanyl	5.108	11616	41.12	70.6	6286.53	554364	1.0724 ng/ml
Flualprazolam	5.701	57274	283.36	103.0	1674.21	392860	11.2148 ng/ml
Fluoxetine	5.717	76662	∞	7.3	9930.49	231772	10.6510 ng/ml
Hydrocodone	3.033	70719	177.00	39.7	74.76	363663	10.3394 ng/ml
Hydromorphone	1.629	62055	2011.93	81.7	302.09	195222	10.0412 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	116731	1153.79	76.5	700.19	303622	10.2423 ng/ml
Ketamine	4.057	140730	1626.06	31.6	352.57	564796	10.7393 ng/ml
Lamotrigine	4.294	13487	733.79	91.8	654.65	1533837	9.6090 ng/ml
Lorazepam	5.743	75758	1725.84	52.6	117.10	520816	10.5167 ng/ml
MDA	3.211	214575	899.60	37.4	229.29	658142	10.4975 ng/ml
MDMA	3.298	110884	1246.00	126.3	2281.78	131524	10.2404 ng/ml
Meprobamate	4.908	95688	2285.72	29.9	690.88	441146	10.8627 ng/ml
Methadone	5.662	174603	300.45	63.5	399.33	726361	9.7290 ng/ml
Methamphetamine	3.232	259869	368.40	37.4	438.87	1043611	10.3153 ng/ml
Metoprolol	4.334	42262	956.74	105.4	1062.49	1581497	10.8876 ng/ml
Mirtazapine	4.641	243208	425.10	57.5	551.83	730978	9.7438 ng/ml
Mitragynine	5.250	38737	39659.39	32.3	167.51	726361	9.5421 ng/ml
Morphine	1.267	9887	204.23	30.4	18.15	10909	10.3847 ng/ml
Norbuprenorphine	5.010	610	1637.79	115.0	814.49	21358	0.9268 ng/ml
Nordiazepam	5.890	85449	1239.58	54.5	536.47	253793	10.3057 ng/ml
Norfentanyl	4.091	31658	1045.68	40.1	110.86	1281653	0.9250 ng/ml
Norhydrocodone	3.081	15341	120.49	39.1	63.44	106941	9.7826 ng/ml
Noroxycodone	2.924	51302	362.29	50.9	2446.03	158291	10.9595 ng/ml
O-desmethyl-tramadol	3.379	347731	10900.02	6.2	264.88	1848360	9.9577 ng/ml
o-desmethylvenlafaxine	4.076	502694	7909.24	14.8	743.28	325600	9.9052 ng/ml
Olanzapine	4.482	26637	164.84	66.6	382.10	64229	10.4653 ng/ml
Oxazepam	5.753	111500	7561.90	70.7	78.84	520816	10.1617 ng/ml
Oxycodone	2.849	115183	2643.66	31.2	1278.26	462746	9.9863 ng/ml
Oxymorphone	1.425	66968	∞	48.7	283.33	206958	10.4065 ng/ml
Phentermine	3.787	72046	361.25	7.3	28.80	749251	10.7395 ng/ml
Promethazine	5.554	140912	300.22	31.7	570.69	584775	10.1131 ng/ml
Pseudoephedrine	2.589	322575	9098.48	20.1	232.05	1533837	9.8060 ng/ml
Quetiapine	5.564	153553	1937.99	58.9	179.11	202989	10.9253 ng/ml
Sertraline	5.779	20973	147.08	96.0	13564.17	77634	10.3007 ng/ml
Temazepam	5.813	214961	684.60	24.6	669.32	917163	10.0515 ng/ml
Tramadol	4.253	321258	∞	4.0	78.82	1581497	9.8876 ng/ml
Trazodone	5.161	194317	4095.77	66.6	686.11	583105	10.4703 ng/ml
Venlafaxine	5.049	278765	1083.50	32.9	319.81	1506344	9.3030 ng/ml
Zolpidem	4.925	297545	1157.03	25.6	63954.74	1153118	10.5022 ng/ml

SC

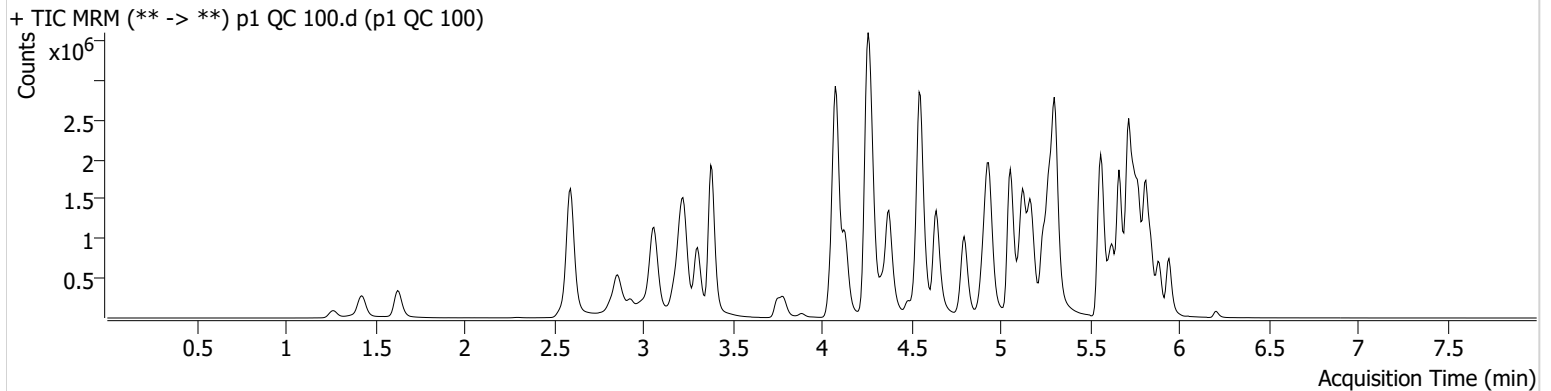


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 QC 100.d  
**Type** QC **Sample** p1 QC 100  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-B2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/21/2022 3:06:43 AM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	31414	73925.32	69.8	999.73	86958	10.0333 ng/ml
7-aminoclonazepam	4.271	591389	10751.47	66.5	8528.11	259484	108.6176 ng/ml
a-hydroxyalprazolam	5.695	195642	5340.42	68.3	1298.23	700449	96.3094 ng/ml
alpha-PHP	4.948	441149	2344.66	258.4	2970.25	679309	103.2698 ng/ml
alpha-PVP	4.377	1793868	948.28	52.7	40629.91	679309	95.4575 ng/ml
Alprazolam	5.772	946596	1541.66	103.4	2274.38	332747	101.2201 ng/ml
Amphetamine	3.064	2128670	762.71	47.4	1205.56	370637	104.9458 ng/ml
Benzoylcegonine	3.884	49572	4300.03	8.2	675.06	16066	91.3306 ng/ml
Buprenorphine	5.830	30527	1490.04	15.8	11334.14	112172	9.4339 ng/ml
Bupropion	4.798	1459137	52028.60	70.8	9766.42	497360	95.3992 ng/ml
Carisoprodol	5.727	834744	642263.97	70.3	371.01	335390	92.9930 ng/ml
Chlordiazepoxide	5.848	499335	7606.27	44.3	3904.12	592443	101.6879 ng/ml
Chlorpheniramine	5.131	2560915	9741.34	0.3	57.79	1075893	99.8381 ng/ml
Citalopram	5.238	1294158	11198.28	30.6	6533.81	483605	103.3606 ng/ml
Clonazepam	5.614	845563	35595.30	37.0	1138.37	122091	113.6422 ng/ml
Clonazolam	5.558	585438	8605.04	41.0	255766.41	122091	101.7005 ng/ml
Cocaine	4.278	1116276	2580.52	59.5	338.09	976135	100.3598 ng/ml
Codeine	2.600	148832	174.55	98.3	18362.26	71739	111.0859 ng/ml
Cyclobenzaprine	5.631	721353	67515.57	7.9	107.62	290244	98.6673 ng/ml
Dextromethorphan	5.282	647887	10215.01	83.2	146838.55	286759	102.2573 ng/ml
Dextrorphan	4.131	556831	549.98	196.2	3485.45	529403	99.2620 ng/ml
Diazepam	5.944	649035	2900.85	90.8	331.11	288113	101.2866 ng/ml
Dihydrocodeine	2.572	380831	6217.36	73.6	4231.78	246963	105.5183 ng/ml
Diphenhydramine	5.310	3189292	33405.62	32.5	13824.32	1416086	97.2374 ng/ml
Doxylamine	4.552	3736822	2578.97	95.9	115791.72	1632407	104.1755 ng/ml
Duloxetine	5.657	55212	1100.68	14.0	191.98	27226	100.9492 ng/ml
EDDP	5.275	1429050	454.77	39.8	15444.40	683298	99.8505 ng/ml
Etizolam	5.810	509551	7980.28	26.0	3513.52	122091	95.5574 ng/ml
Fentanyl	5.115	107847	126.66	63.3	123012.30	523828	10.6030 ng/ml
Flualprazolam	5.701	419568	17425.45	108.1	7100.87	332747	107.4732 ng/ml
Fluoxetine	5.717	628023	2230.61	7.4	92.30	202157	96.9620 ng/ml
Hydrocodone	3.033	620476	926.13	40.7	395.51	330259	108.1412 ng/ml
Hydromorphone	1.629	559737	240002.49	80.2	2971737.02	172111	102.3642 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	1078866	22021.62	77.8	4370.18	286759	94.4528 ng/ml
Ketamine	4.057	1229043	3371.21	31.8	1998.10	524087	110.1370 ng/ml
Lamotrigine	4.294	118738	2928.00	90.1	18353.77	1260460	109.8200 ng/ml
Lorazepam	5.743	485734	7625.72	51.6	1121.02	379466	101.0355 ng/ml
MDA	3.211	1658891	12623.28	37.1	880.24	554852	105.2018 ng/ml
MDMA	3.305	1001264	7141.32	125.4	7220.73	117937	102.2996 ng/ml
Meprobamate	4.908	683077	26032.03	30.4	1118.17	371086	101.5872 ng/ml
Methadone	5.662	1810353	32853.73	62.1	1695.42	732284	96.5841 ng/ml
Methamphetamine	3.232	1820103	686.40	37.3	1845.35	763356	105.1874 ng/ml
Metoprolol	4.340	368429	554167.57	104.5	11909.47	1441505	108.9019 ng/ml
Mirtazapine	4.641	2287848	10337.05	55.9	82144.36	679309	92.6562 ng/ml
Mitragynine	5.250	373484	4383.08	35.5	505.18	732284	96.0647 ng/ml
Morphine	1.267	88414	543.92	30.4	519.79	9965	104.1343 ng/ml
Norbuprenorphine	5.010	5664	9731.19	88.8	4524.14	21190	11.1653 ng/ml
Nordiazepam	5.890	739333	1564.84	53.1	941.67	223588	102.5119 ng/ml
Norfentanyl	4.091	283571	239.00	37.4	639.30	1039289	9.3110 ng/ml
Norhydrocodone	3.081	112570	229.85	40.8	87.96	70667	96.8249 ng/ml
Noroxycodone	2.931	428489	1053.13	51.3	845.83	136699	94.3980 ng/ml
O-desmethyl-tramadol	3.386	3198983	296359.18	6.1	8654.71	1644650	99.5976 ng/ml
o-desmethylvenlafaxine	4.083	4624812	102631.62	14.6	3104.51	288735	96.7189 ng/ml
Olanzapine	4.482	305614	1661.41	67.5	15485.62	76011	100.6523 ng/ml
Oxazepam	5.753	816602	310.10	68.0	3225.92	379466	103.9797 ng/ml
Oxycodone	2.849	1040969	1082.66	31.4	415.34	439105	102.3217 ng/ml
Oxymorphone	1.425	570268	368.29	49.1	∞	187547	101.4271 ng/ml
Phentermine	3.787	558609	1481.17	7.1	289.71	624007	107.2278 ng/ml
Promethazine	5.554	1432579	1241.64	30.9	11635.31	585269	100.5577 ng/ml
Pseudoephedrine	2.596	2753801	40083.95	19.8	77490.83	1260460	96.0991 ng/ml
Quetiapine	5.564	1429759	790122.73	61.1	88853.97	197955	111.2206 ng/ml
Sertraline	5.779	206953	1171.12	88.4	419.77	77744	102.1458 ng/ml
Temazepam	5.813	1669206	1987.19	25.1	412.02	700449	103.8946 ng/ml
Tramadol	4.260	2818508	749.80	4.0	292.28	1441505	97.0611 ng/ml
Trazodone	5.168	1841591	63558.59	70.9	2330.62	585650	103.4082 ng/ml
Venlafaxine	5.056	2714260	81613.15	32.6	1015.15	1423311	91.7200 ng/ml
Zolpidem	4.925	2766495	1507.77	26.0	79626.81	1106731	108.8766 ng/ml

SC

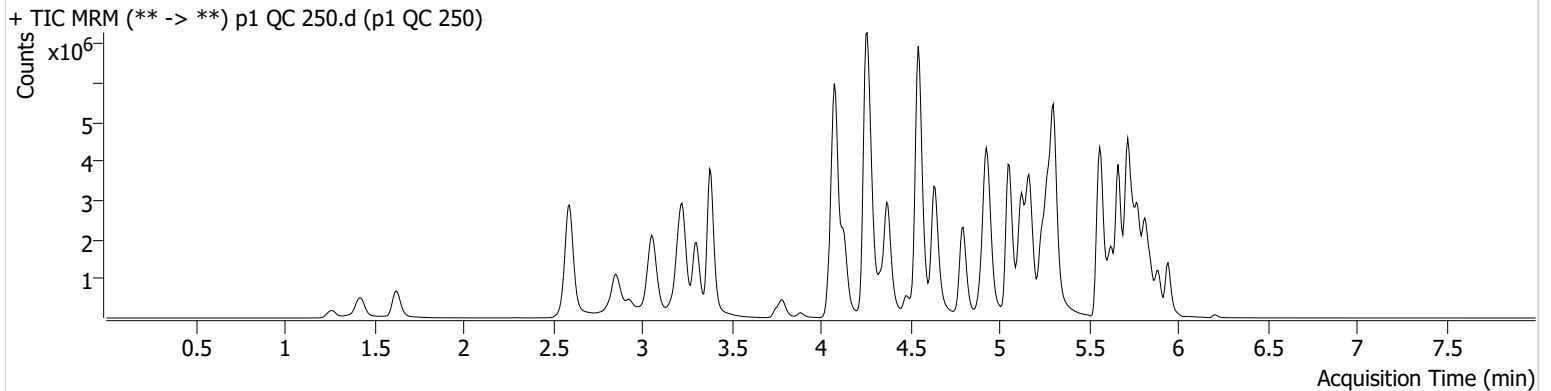


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 QC 250.d  
**Type** QC **Sample** p1 QC 250  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-C2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 8:12:32 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	81604	5909.48	70.0	4609.75	85833	26.3696 ng/ml
7-aminoclonazepam	4.265	1088460	12296.61	67.5	6812.92	211227	246.7168 ng/ml
a-hydroxyalprazolam	5.688	309974	∞	68.1	225.35	460808	232.4157 ng/ml
alpha-PHP	4.942	1042387	3278.51	256.8	93735.62	657515	252.6567 ng/ml
alpha-PVP	4.377	4467506	78055.31	52.6	49296.49	657515	245.1705 ng/ml
Alprazolam	5.772	2047647	639.99	102.5	902.22	279897	260.1086 ng/ml
Amphetamine	3.064	4048570	1217.00	47.1	1415.40	337877	219.9909 ng/ml
Benzoylecgonine	3.884	129764	639.73	8.7	195.08	15775	240.3434 ng/ml
Buprenorphine	5.830	72070	4175.04	15.6	17721.74	99488	25.0862 ng/ml
Bupropion	4.798	3648715	161481.81	70.8	1318.08	493126	240.6503 ng/ml
Carisoprodol	5.727	1340054	978903.06	71.6	4815.64	210453	236.7193 ng/ml
Chlordiazepoxide	5.848	959887	16754.36	51.5	5629.81	502894	231.4523 ng/ml
Chlorpheniramine	5.124	6529700	28621.06	0.3	563.10	1063801	257.1616 ng/ml
Citalopram	5.238	2986259	131260.40	31.2	44391.37	451023	255.3009 ng/ml
Clonazepam	5.614	1599690	2237.60	37.4	3610.09	102141	258.1033 ng/ml
Clonazolam	5.558	1061820	72076.90	42.0	255199.61	102141	221.1174 ng/ml
Cocaine	4.271	2556464	1173.35	60.8	70440.92	904390	248.0967 ng/ml
Codeine	2.593	309202	7468.29	94.8	256.71	64990	256.1498 ng/ml
Cyclobenzaprine	5.631	1799352	31398.65	7.8	247.81	276007	258.0821 ng/ml
Dextromethorphan	5.282	1439643	59806.82	82.3	5069.52	247813	262.8338 ng/ml
Dextrorphan	4.131	1360845	903567.64	196.6	7310.88	497898	257.5878 ng/ml
Diazepam	5.944	1444845	589.39	89.2	622.64	252752	257.4032 ng/ml
Dihydrocodeine	2.565	878558	12767.07	73.5	10986.04	253796	237.9300 ng/ml
Diphenhydramine	5.303	7753498	262652.10	32.1	27162.39	1275419	261.6680 ng/ml
Doxylamine	4.545	9928570	311262.84	93.0	211133.95	1667256	270.8131 ng/ml
Duloxetine	5.657	126066	4979.48	13.7	639.32	24578	254.9575 ng/ml
EDDP	5.275	3436689	41987.86	40.5	23885.22	641676	255.5264 ng/ml
Etizolam	5.810	1079061	22632.60	26.1	5453.01	102141	241.0106 ng/ml
Fentanyl	5.108	266476	1344.80	64.4	476.17	543293	25.2703 ng/ml
Flualprazolam	5.701	798694	637.19	111.2	1010383.98	279897	244.9470 ng/ml
Fluoxetine	5.717	1204683	32146.79	7.5	95078.06	150586	249.1145 ng/ml
Hydrocodone	3.033	1428779	337.23	42.3	885.04	333771	247.6164 ng/ml
Hydromorphone	1.629	1315590	11479.07	80.6	7046084.72	161600	256.1830 ng/ml



SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	2578520	106201.64	81.9	87733.78	247813	260.0621 ng/ml
Ketamine	4.057	2885679	193048.73	31.3	897.96	514381	264.9712 ng/ml
Lamotrigine	4.294	245198	410.57	93.3	68872.90	1071471	267.7935 ng/ml
Lorazepam	5.743	625495	897.09	53.2	230.40	216596	229.3073 ng/ml
MDA	3.205	3266996	3361.61	37.0	474.64	482471	239.6481 ng/ml
MDMA	3.305	2346525	14958.25	128.3	5731.00	109966	256.9854 ng/ml
Meprobamate	4.908	1276436	76301.67	29.3	6996.06	337103	210.2961 ng/ml
Methadone	5.662	4540970	107723.45	60.2	1095.07	699102	253.1552 ng/ml
Methamphetamine	3.233	4061079	1127.05	36.5	20439.08	700183	256.9450 ng/ml
Metoprolol	4.334	849344	492637.54	104.4	18498.50	1390101	261.1104 ng/ml
Mirtazapine	4.634	5915187	7795.87	55.0	3146.62	657515	246.4069 ng/ml
Mitragynine	5.243	905121	295981.41	34.5	99377.90	699102	244.7218 ng/ml
Morphine	1.267	209845	467.54	29.5	818.71	9859	250.2085 ng/ml
Norbuprenorphine	5.004	12448	22505.24	99.3	12916.40	21646	24.3653 ng/ml
Nordiazepam	5.890	1478591	79899.91	53.3	1078.20	177934	257.8383 ng/ml
Norfentanyl	4.091	621557	179.95	37.5	3191.67	808527	26.0695 ng/ml
Norhydrocodone	3.081	259106	340.41	41.8	368.62	60275	259.3037 ng/ml
Noroxycodone	2.931	910188	∞	48.9	16935.49	110801	245.2188 ng/ml
O-desmethyl-tramadol	3.379	8140189	264932.31	6.0	732.04	1582166	262.8559 ng/ml
o-desmethylvenlafaxine	4.076	11071347	334884.12	14.1	9345.35	260625	255.4434 ng/ml
Olanzapine	4.475	825863	708203.59	69.6	3662.05	79384	260.2883 ng/ml
Oxazepam	5.746	1154097	10323.49	70.5	2084.45	216596	257.7547 ng/ml
Oxycodone	2.842	2409292	1615.70	31.7	1540.66	442533	236.0828 ng/ml
Oxymorphone	1.425	1324590	∞	51.5	1122.12	169973	260.6256 ng/ml
Phentermine	3.787	1168874	5502.32	7.1	699.76	574250	244.9229 ng/ml
Promethazine	5.554	3616579	1488.46	30.1	942.28	563034	263.5006 ng/ml
Pseudoephedrine	2.596	6171152	145658.27	19.4	79713.88	1071471	252.3333 ng/ml
Quetiapine	5.564	3502185	34959.53	62.2	174750.99	204042	265.4192 ng/ml
Sertraline	5.786	427360	551.46	89.3	860.36	66947	245.0534 ng/ml
Temazepam	5.813	2655168	42115.68	26.1	238.62	460808	251.4690 ng/ml
Tramadol	4.253	6993860	∞	3.4	251.70	1390101	250.0988 ng/ml
Trazodone	5.161	4706781	142246.53	73.7	625.54	605647	256.3710 ng/ml
Venlafaxine	5.049	7152788	2508.57	30.9	2323.02	1371137	250.1305 ng/ml
Zolpidem	4.925	6892744	2925.08	25.7	91323.71	1147266	262.8356 ng/ml

SC

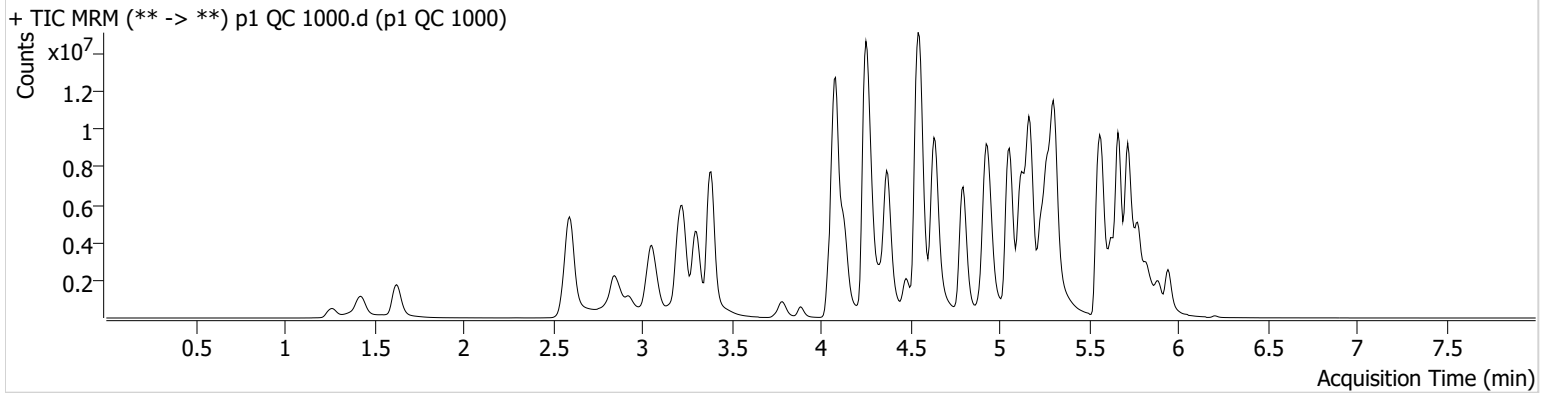


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 QC 1000.d  
**Type** QC **Sample** p1 QC 1000  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-D2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 8:33:47 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	297979	4626.15	66.7	570271.62	79769	103.5457 ng/ml
7-aminoclonazepam	4.271	1173387	10138.47	67.8	11430.37	86619	650.0406 ng/ml
a-hydroxyalprazolam	5.688	369021	350.24	65.5	375.16	115240	1107.6362 ng/ml
alpha-PHP	4.948	2765758	16647.67	261.4	29094.95	488465	903.3645 ng/ml
alpha-PVP	4.370	14133801	1412.32	52.3	79868.48	488465	1043.1705 ng/ml
Alprazolam	5.772	4069191	274.28	98.6	295.38	142798	1012.8229 ng/ml
Amphetamine	3.057	7184957	275.09	46.6	34117.52	236465	559.3211 ng/ml
Benzoylecgonine	3.884	624490	8716.74	8.6	495.58	16198	1119.4721 ng/ml
Buprenorphine	5.830	212171	96793.91	14.9	43286.94	68950	106.5105 ng/ml
Bupropion	4.798	12199043	307772.03	69.9	239330.29	436508	909.0314 ng/ml
Carisoprodol	5.727	1625311	529258.57	68.5	11483.91	54028	1115.5296 ng/ml
Chlordiazepoxide	5.848	1444875	2936.05	54.6	32588.69	247300	710.3761 ng/ml
Chlorpheniramine	5.124	20762596	352768.75	0.3	2898.64	855511	1016.2350 ng/ml
Citalopram	5.231	7547442	412222.58	30.1	160648.53	267025	1088.9020 ng/ml
Clonazepam	5.607	2391008	2110.47	37.4	342313.21	46006	858.5504 ng/ml
Clonazolam	5.544	1213910	395545.72	41.3	675480.69	46006	562.0726 ng/ml
Cocaine	4.278	6576772	70420.37	59.5	203769.54	564213	1023.1214 ng/ml
Codeine	2.593	678306	22376.63	92.4	6622.31	44892	815.8433 ng/ml
Cyclobenzaprine	5.631	5574169	52355.94	7.3	1335.88	209701	1050.9215 ng/ml
Dextromethorphan	5.282	3186659	81339.46	82.7	59253.87	138312	1042.1977 ng/ml
Dextrorphan	4.131	3877733	15796.44	201.5	387437.48	340921	1071.2755 ng/ml
Diazepam	5.944	3318496	359.97	88.8	409.46	148149	1009.3443 ng/ml
Dihydrocodeine	2.558	2393992	36847.03	74.5	36475.90	230720	714.8841 ng/ml
Diphenhydramine	5.310	19721011	370013.05	34.3	50954.28	811837	1044.1938 ng/ml
Doxylamine	4.545	27517609	690378.71	95.6	415148.23	1411246	886.4629 ng/ml
Duloxetine	5.650	220688	2566.31	12.7	19933.06	11561	948.2412 ng/ml
EDDP	5.268	11497928	597266.04	38.7	226730.36	498295	1100.5136 ng/ml
Etizolam	5.810	2309704	12876.89	26.5	1362890.04	46006	1143.2029 ng/ml
Fentanyl	5.108	834498	1850.71	61.6	448.38	498602	86.2482 ng/ml
Flualprazolam	5.695	1100467	5546.94	114.8	49806.33	142798	663.8519 ng/ml
Fluoxetine	5.724	2403437	88104.01	7.2	260.68	66831	1118.5758 ng/ml
Hydrocodone	3.026	4218601	306.86	41.0	330.93	282094	867.4156 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



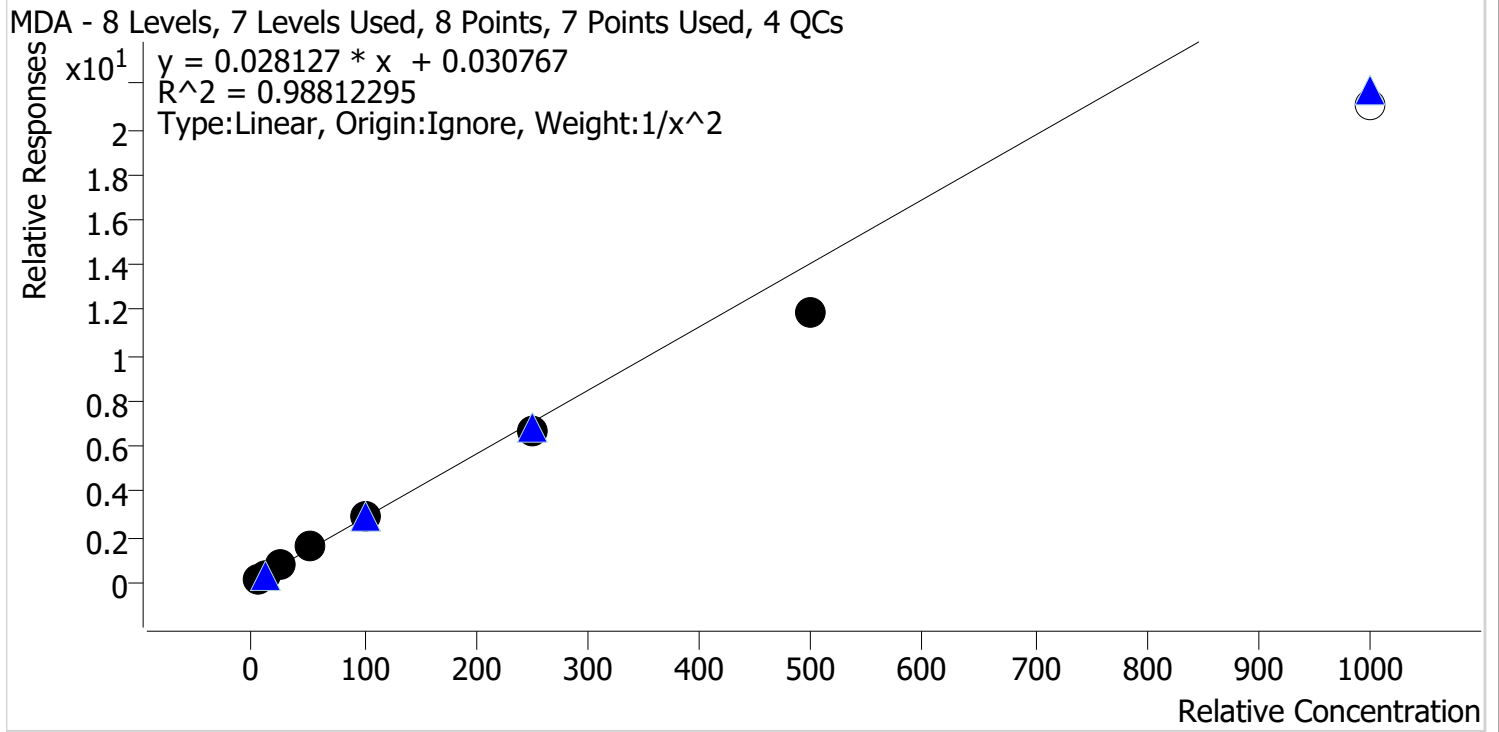
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.629	4029675	6518681.43	79.9	13506495.5 4	122666	1033.6358 ng/ml
Hydroxyzine	5.714	7940040	49948.18	80.5	12738.83	138312	1431.8402 ng/ml
Ketamine	4.050	7317328	104248.63	30.9	11407.91	410627	844.0115 ng/ml
Lamotrigine	4.294	418985	4600.42	94.6	46797.04	596843	822.9532 ng/ml
Lorazepam	5.743	690065	357.64	54.5	8249.93	54048	1017.5273 ng/ml
MDA	3.205	7108909	7014.09	35.5	5224.46	327622	770.3511 ng/ml
MDMA	3.305	6208537	106527.17	130.7	18953.90	79131	944.6580 ng/ml
Meprobamate	4.901	1937083	13673.96	30.1	10418.91	223908	482.0909 ng/ml
Methadone	5.662	13910499	203270.61	61.4	685309.76	515311	1050.9063 ng/ml
Methamphetamine	3.232	9326682	93850.36	35.7	1711.57	472354	876.5199 ng/ml
Metoprolol	4.334	1918294	130960.02	104.6	94644.48	1086343	755.6849 ng/ml
Mirtazapine	4.634	18823398	29577.97	55.0	424794.60	488465	1053.3408 ng/ml
Mitragynine	5.243	2139591	197783.40	36.2	1745899.15	515311	786.0548 ng/ml
Morphine	1.267	623864	22668.98	29.7	4780.13	7865	933.2335 ng/ml
Norbuprenorphine	5.010	48573	9501.36	96.6	394.38	20252	102.5654 ng/ml
Nordiazepam	5.890	2519204	1583893.99	53.0	294.97	80591	970.3198 ng/ml
Norfentanyl	4.098	1255630	149.33	37.5	9783.81	282295	150.4039 ng/ml
Norhydrocodone	3.081	832971	229.11	42.7	246.64	43849	1141.8848 ng/ml
Noroxycodone	2.924	2025145	15806.72	50.3	16179.73	50284	1197.0380 ng/ml
O-desmethyl-tramadol	3.385	22589697	880169.04	6.4	115439.07	1147364	1004.8601 ng/ml
o-desmethylvenlafaxine	4.083	27747387	405619.53	14.1	29202.32	150192	1108.7656 ng/ml
Olanzapine	4.475	3077184	4046.67	73.7	67341.35	83924	917.1360 ng/ml
Oxazepam	5.746	1074311	10363.47	69.7	2796.72	54048	962.0875 ng/ml
Oxycodone	2.835	6031353	1656.33	31.9	1033.28	368418	711.5931 ng/ml
Oxymorphone	1.425	3815834	266.51	49.3	190.80	127603	1001.3329 ng/ml
Phentermine	3.787	2674111	6000.74	7.1	6038.08	426833	755.6598 ng/ml
Promethazine	5.547	12378268	3561.16	28.6	2804.99	460467	1102.0016 ng/ml
Pseudoephedrine	2.596	15082256	81641.69	18.7	162812.23	596843	1105.0389 ng/ml
Quetiapine	5.570	8868873	316992.40	63.2	275542.13	164321	836.3531 ng/ml
Sertraline	5.786	985758	35162.17	86.5	63174.57	36872	1026.5160 ng/ml
Temazepam	5.820	2451822	13841.47	27.0	840.69	115240	929.0288 ng/ml
Tramadol	4.253	18432514	∞	3.3	∞	1086343	843.9683 ng/ml
Trazodone	5.161	13652246	455067.72	79.5	571146.43	480770	938.2152 ng/ml
Venlafaxine	5.057	20406528	11594.65	30.8	233993.43	972914	1004.3506 ng/ml
Zolpidem	4.925	17834327	574627.31	26.1	123351.11	959421	814.9322 ng/ml

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDA **Internal Standard** MDA-D5



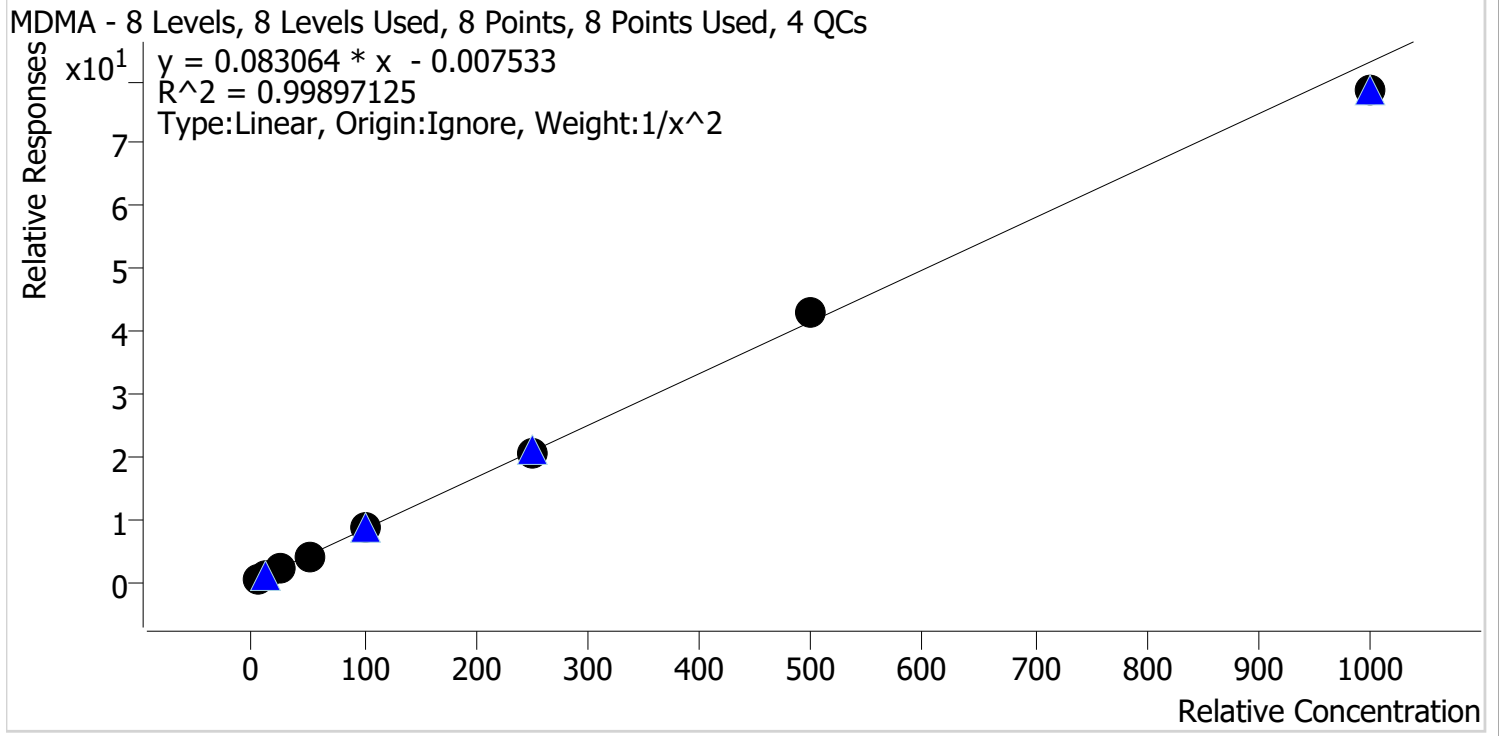
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.6	106.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	234.3	93.7
p1 Cal 7-500ng	7	✓	500.0	423.5	84.7
p1 Cal 8-1000ng	8	✗	1000.0	747.6	74.8

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6



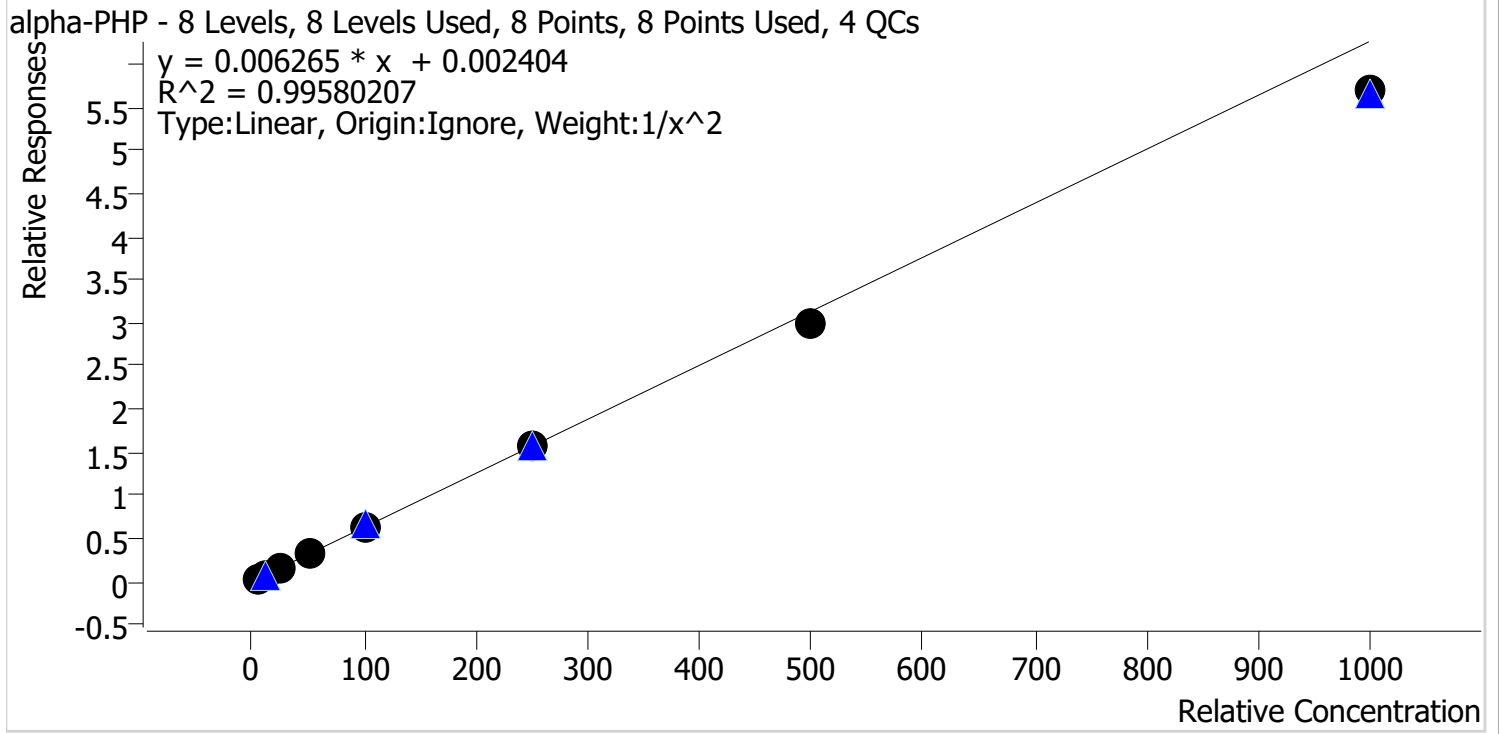
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	944.9	94.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PHP **Internal Standard** alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	478.2	95.6
p1 Cal 8-1000ng	8	✓	1000.0	908.5	90.9

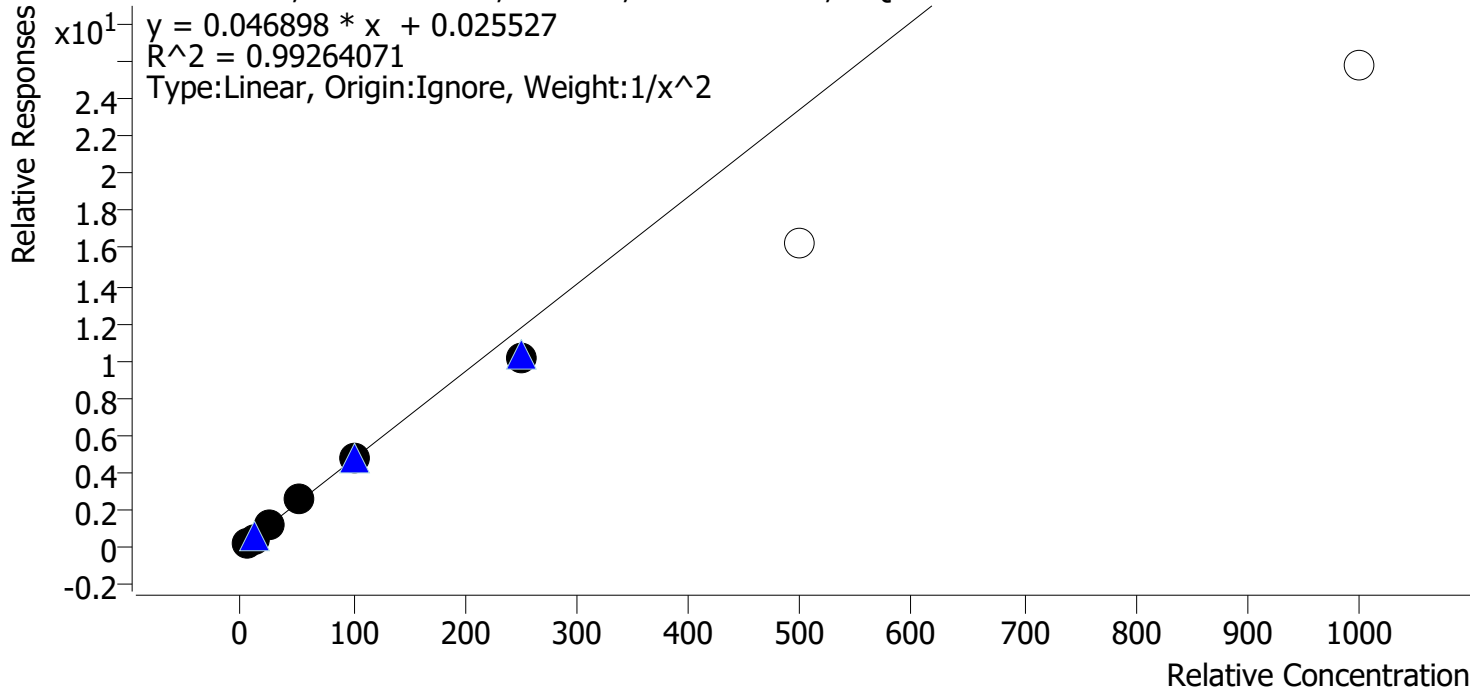
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazolam **Internal Standard** Clonazepam-D4

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



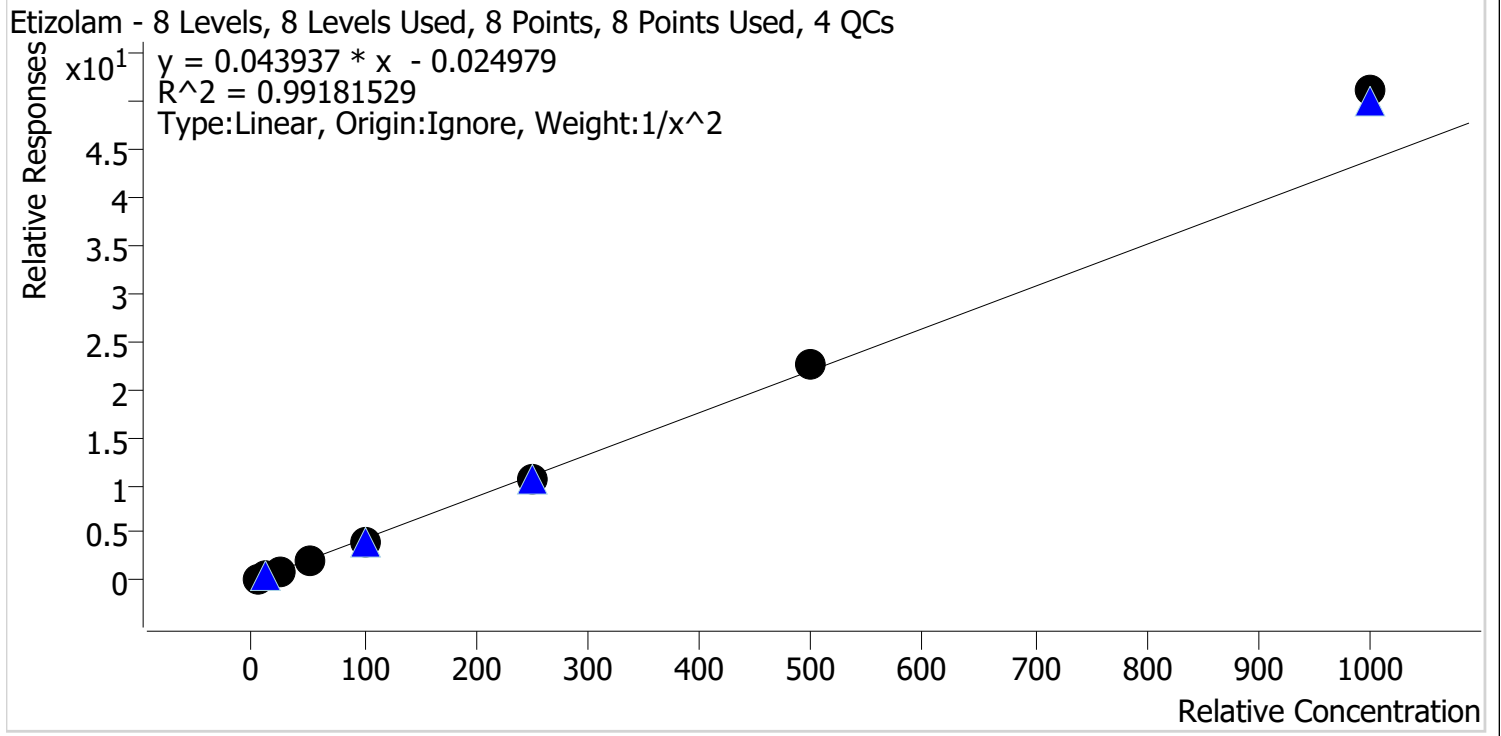
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	217.4	87.0
p1 Cal 7-500ng	7	x	500.0	346.4	69.3
p1 Cal 8-1000ng	8	x	1000.0	551.9	55.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Etizolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	46.0	92.0
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	517.7	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1165.6	116.6

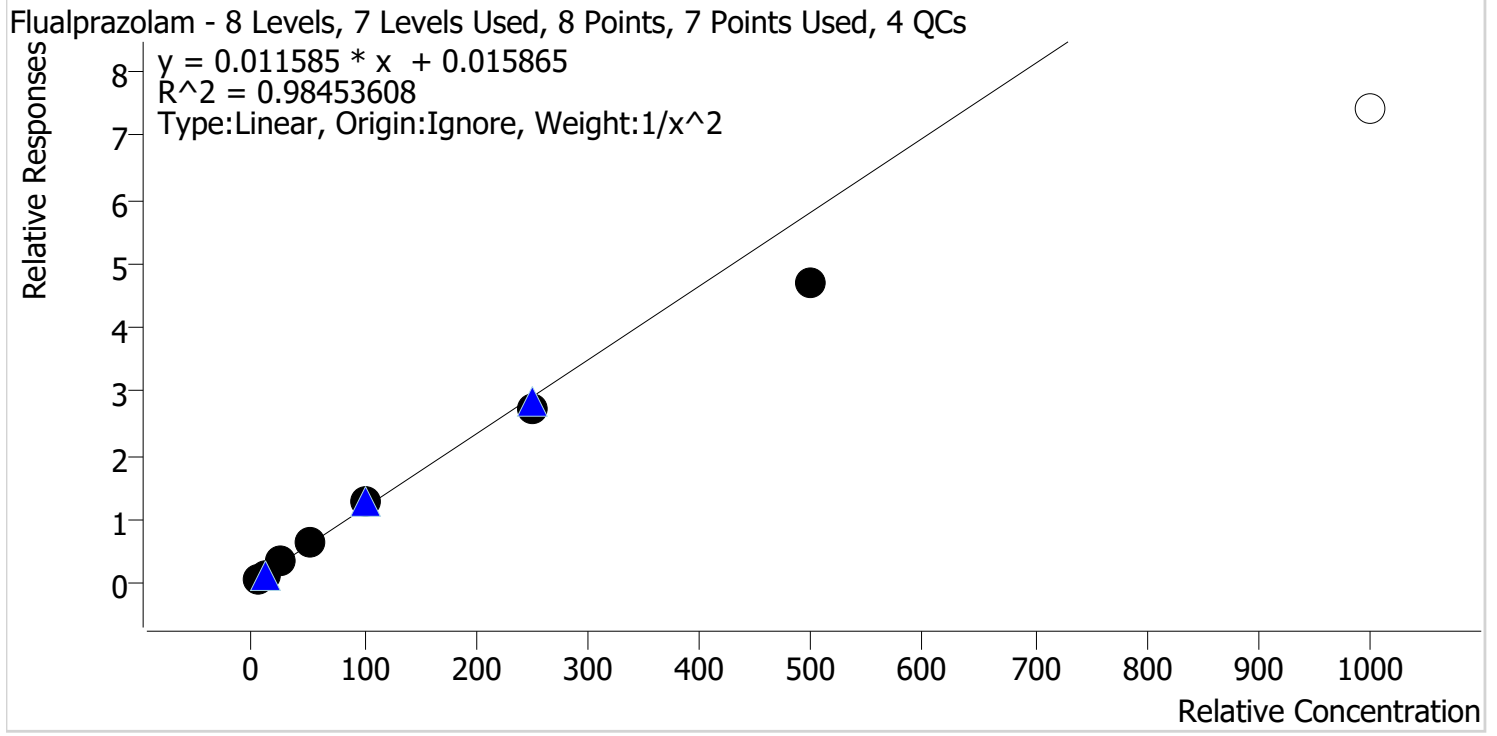


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	4.7	94.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	234.8	93.9
p1 Cal 7-500ng	7	✓	500.0	404.3	80.9
p1 Cal 8-1000ng	8	✗	1000.0	641.0	64.1

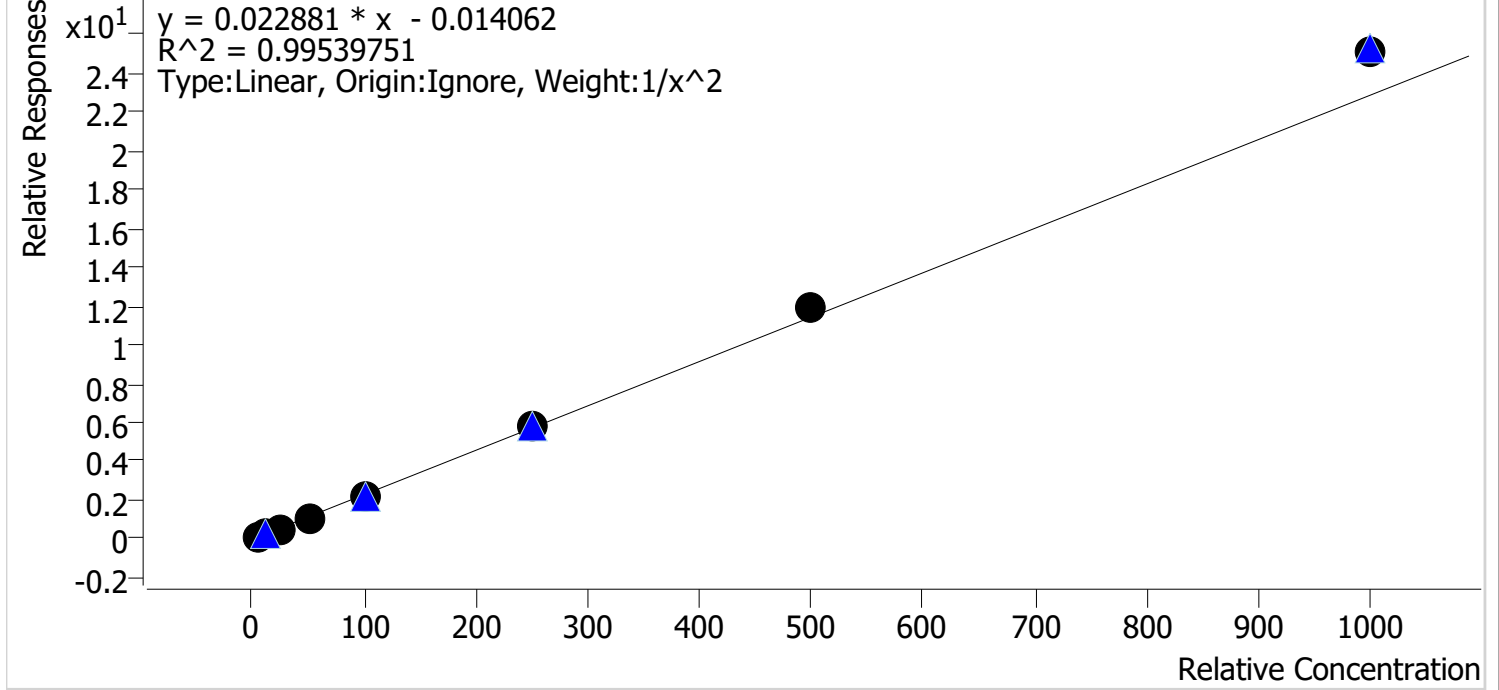
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



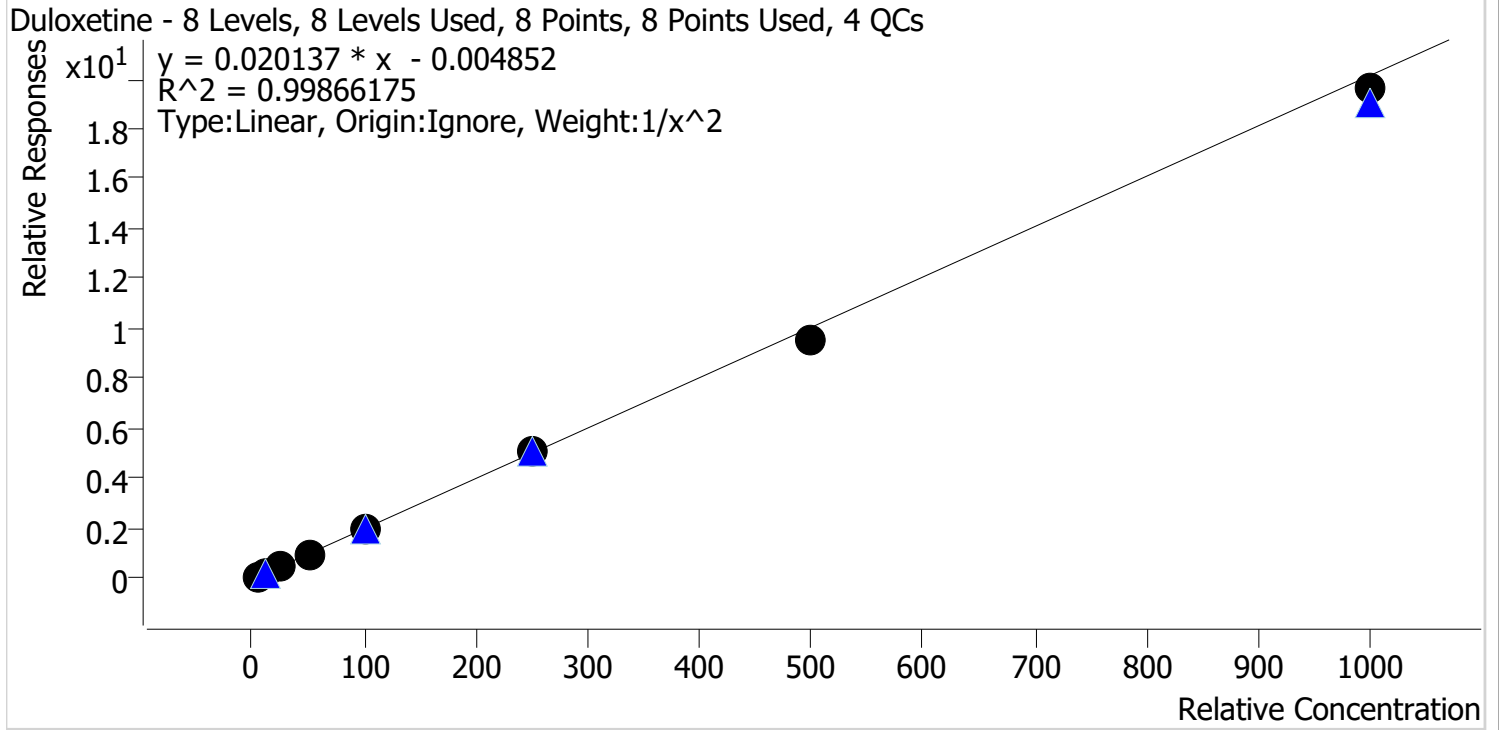
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	524.0	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1101.4	110.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Duloxetine Internal Standard Duloxetine-D3



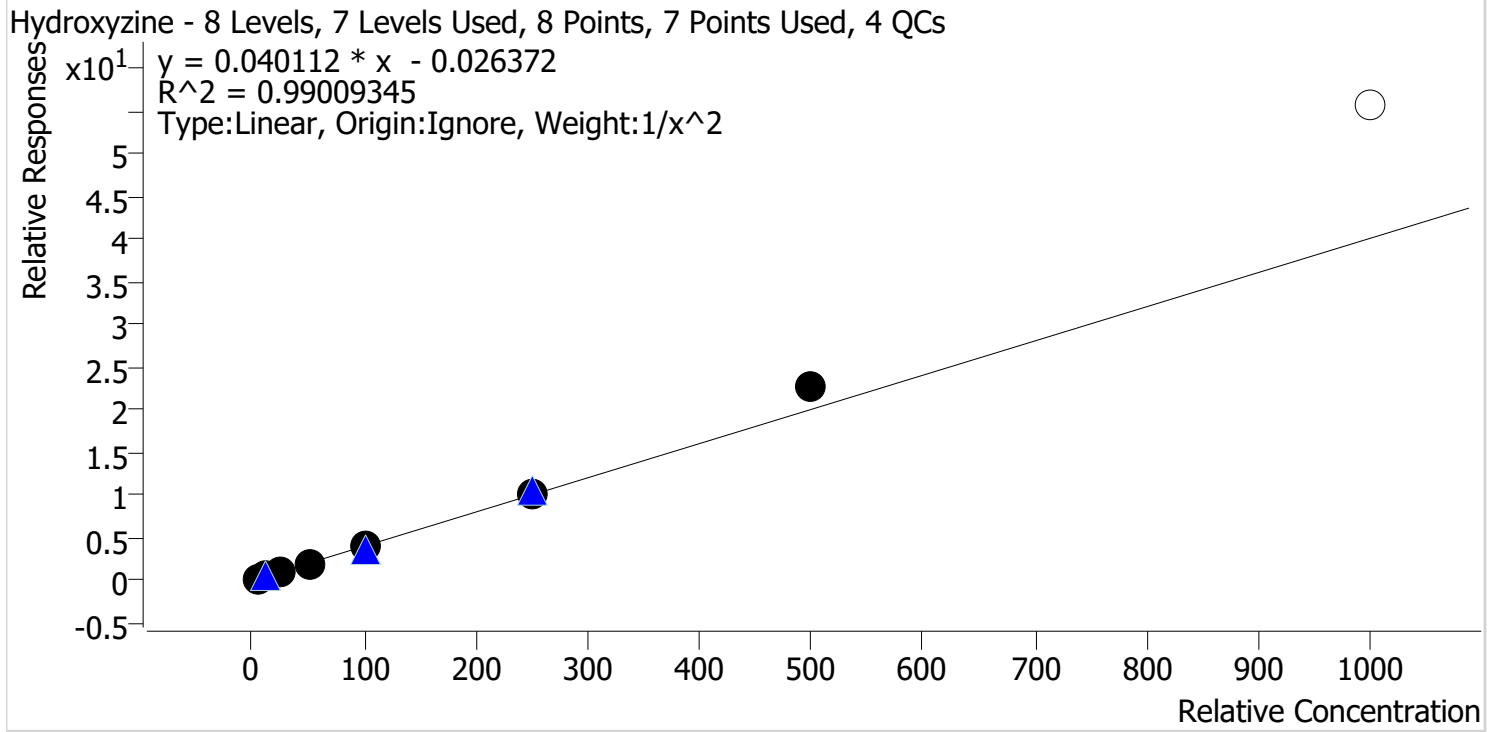
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	477.7	95.5
p1 Cal 8-1000ng	8	✓	1000.0	973.9	97.4

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydroxyzine **Internal Standard** Dextromethorphan-D3



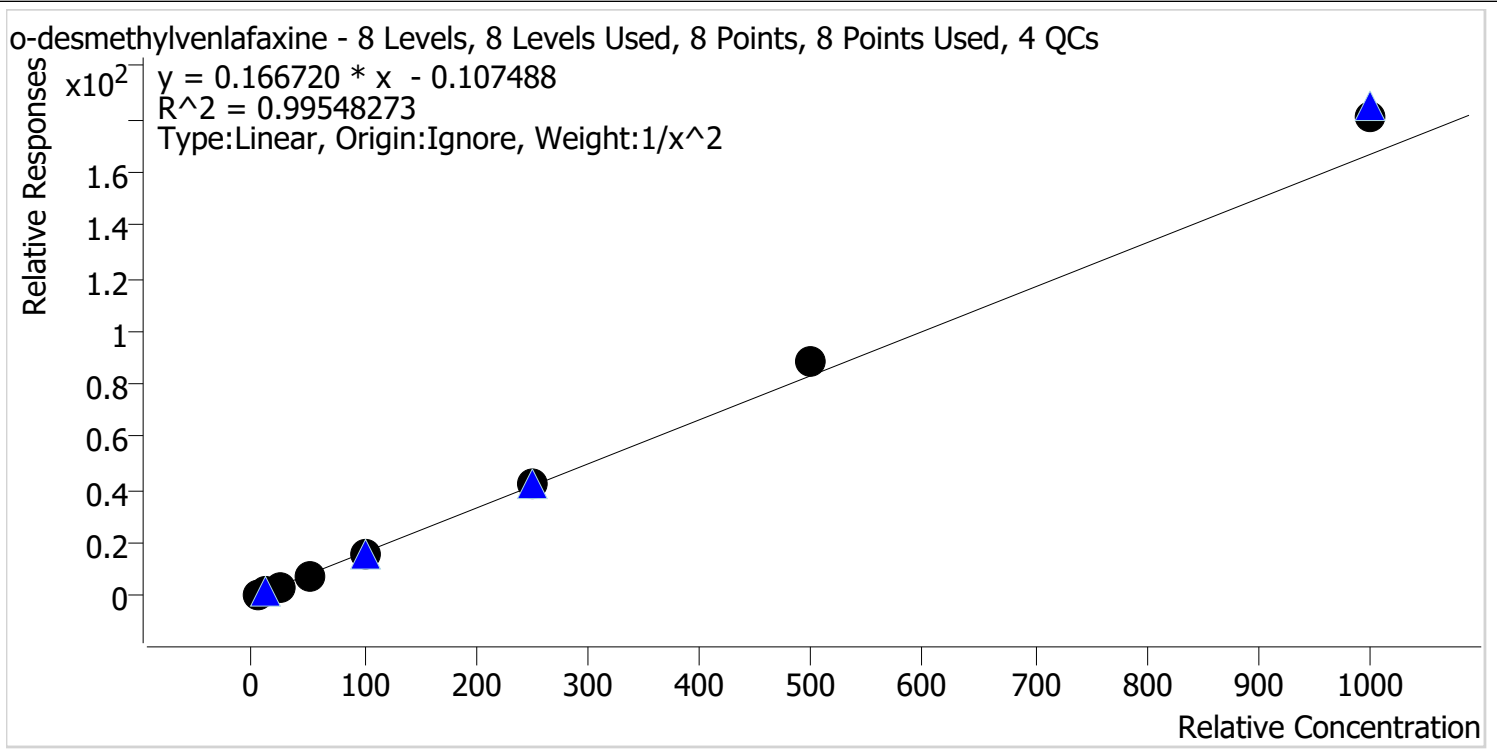
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	43.1	86.2
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	568.2	113.6
p1 Cal 8-1000ng	8	✗	1000.0	1386.5	138.6

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	46.8	93.6
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	531.4	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1084.2	108.4

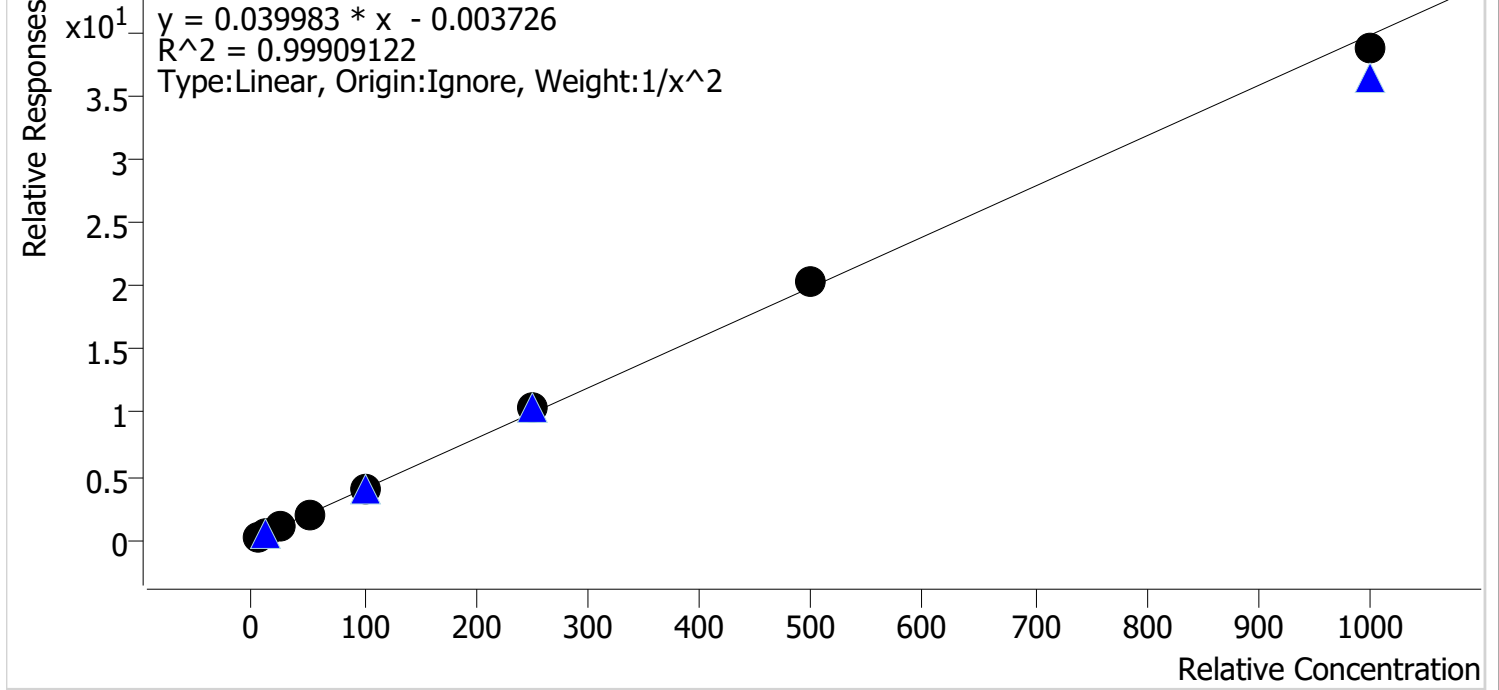
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Olanzapine **Internal Standard** Olanzapine-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	973.2	97.3

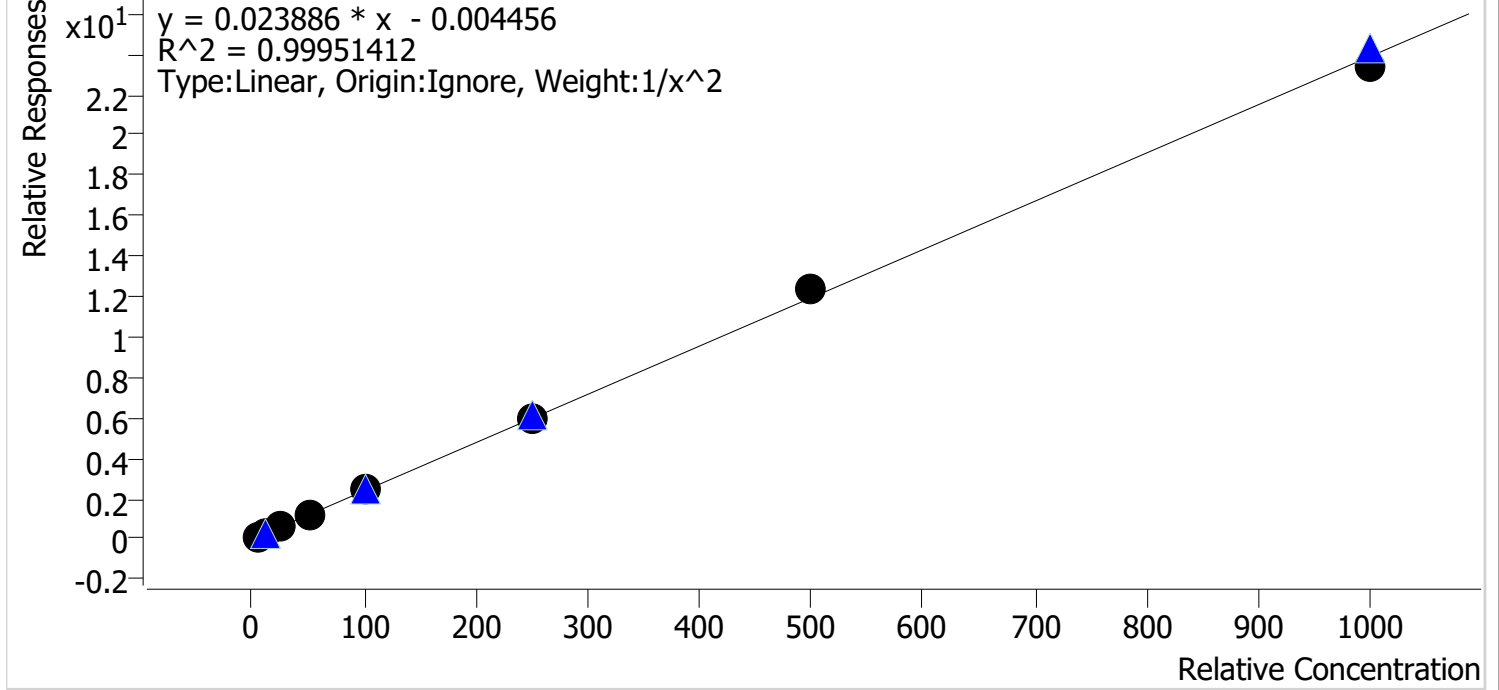
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



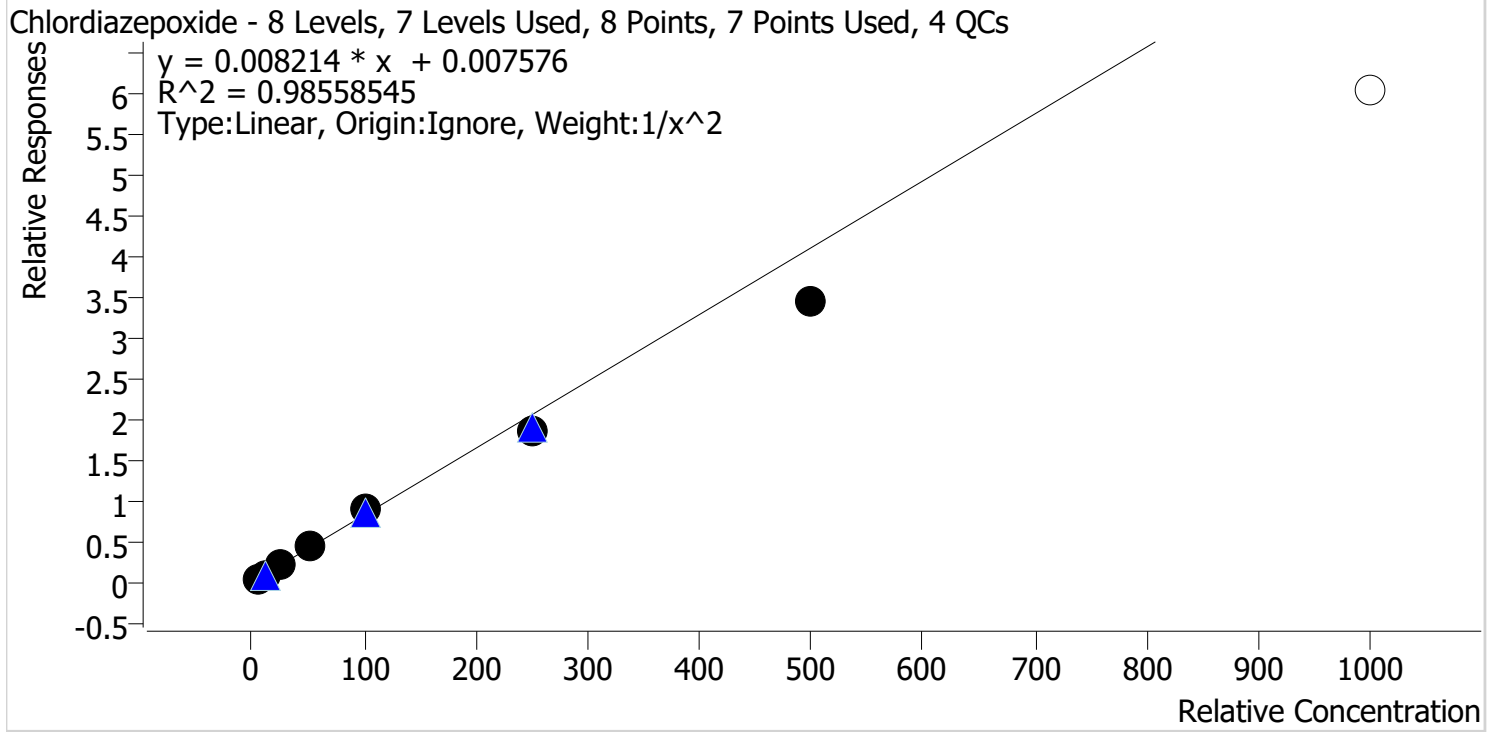
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	982.0	98.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



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	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	110.1	110.1
p1 Cal 6-250ng	6	✓	250.0	227.1	90.8
p1 Cal 7-500ng	7	✓	500.0	417.7	83.5
p1 Cal 8-1000ng	8	✗	1000.0	734.9	73.5



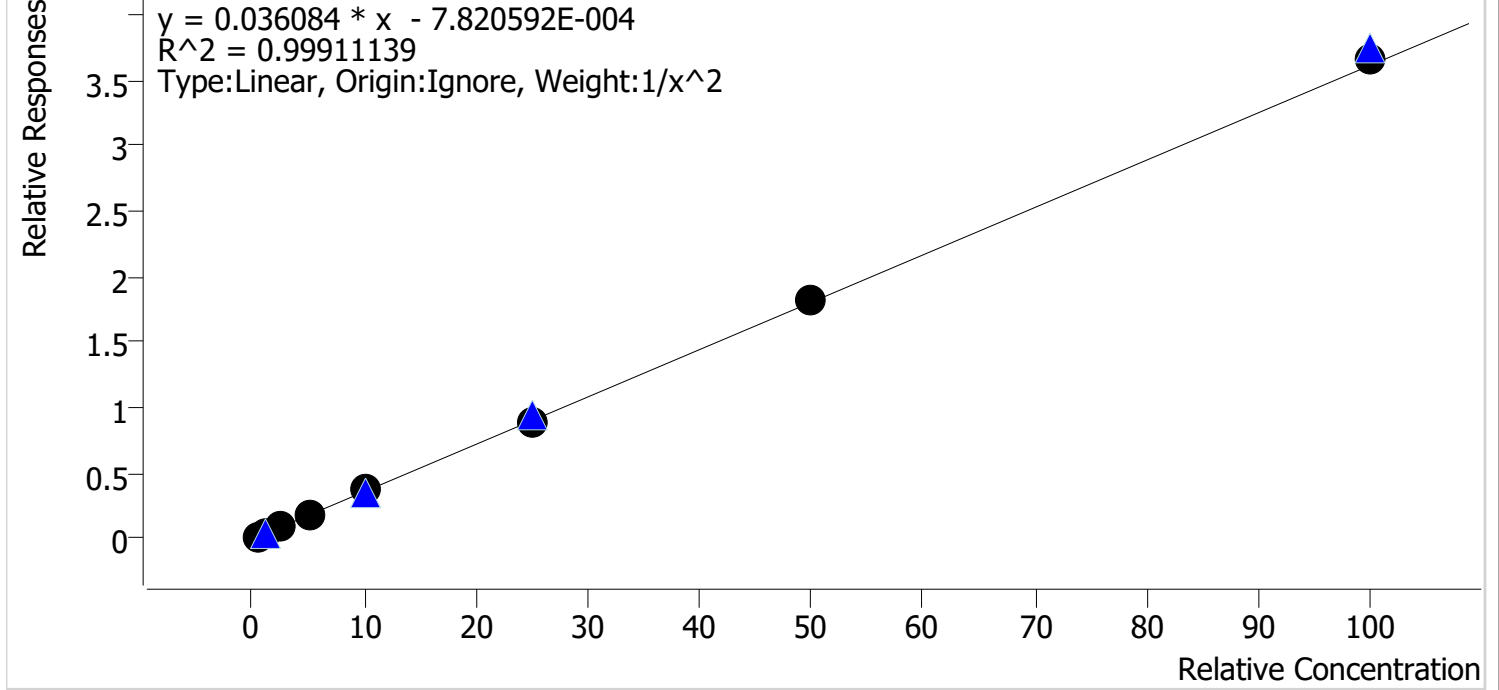
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.2
p1 Cal 2-10ng	2	✓	1.0	1.0	98.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng	4	✓	5.0	5.1	101.4
p1 Cal 5-100ng	5	✓	10.0	10.4	103.8
p1 Cal 6-250ng	6	✓	25.0	24.3	97.2
p1 Cal 7-500ng	7	✓	50.0	50.4	100.8
p1 Cal 8-1000ng	8	✓	100.0	101.0	101.0

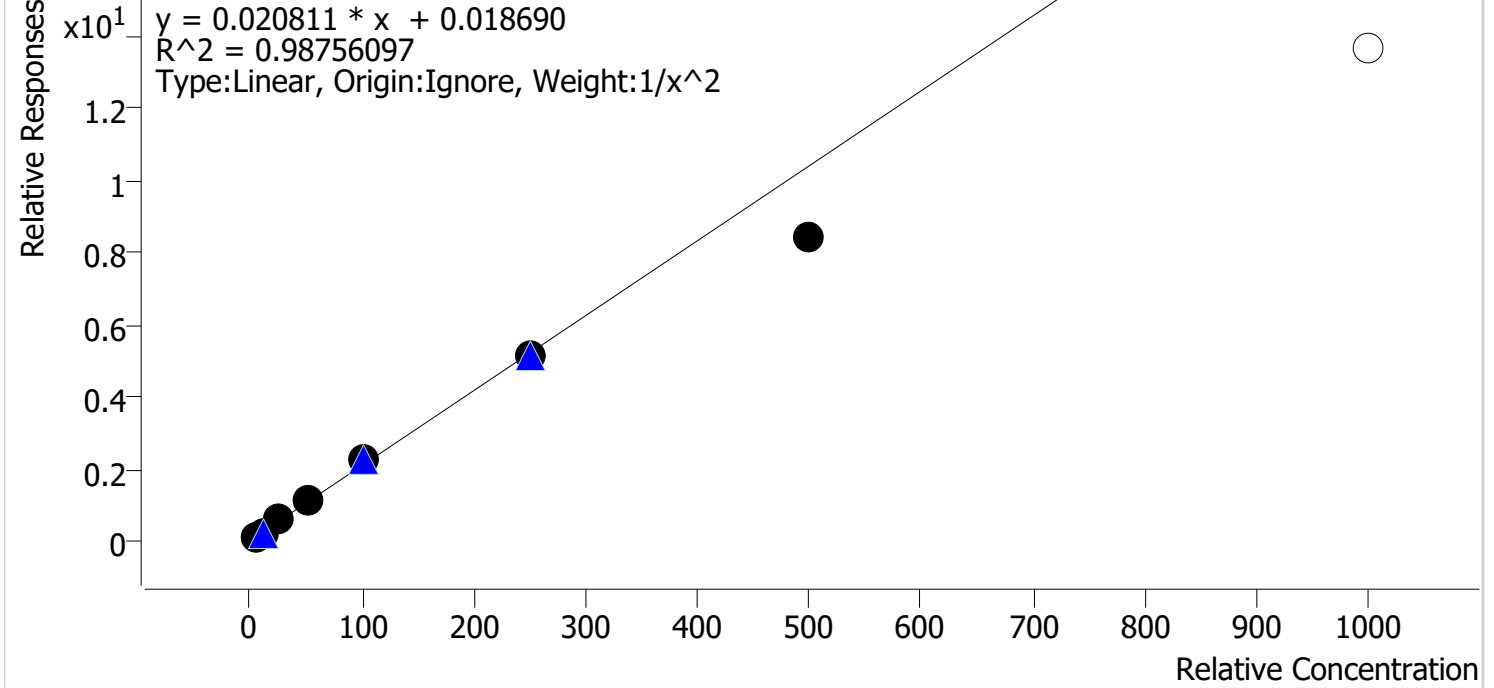
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	403.5	80.7
p1 Cal 8-1000ng	8	✗	1000.0	656.4	65.6

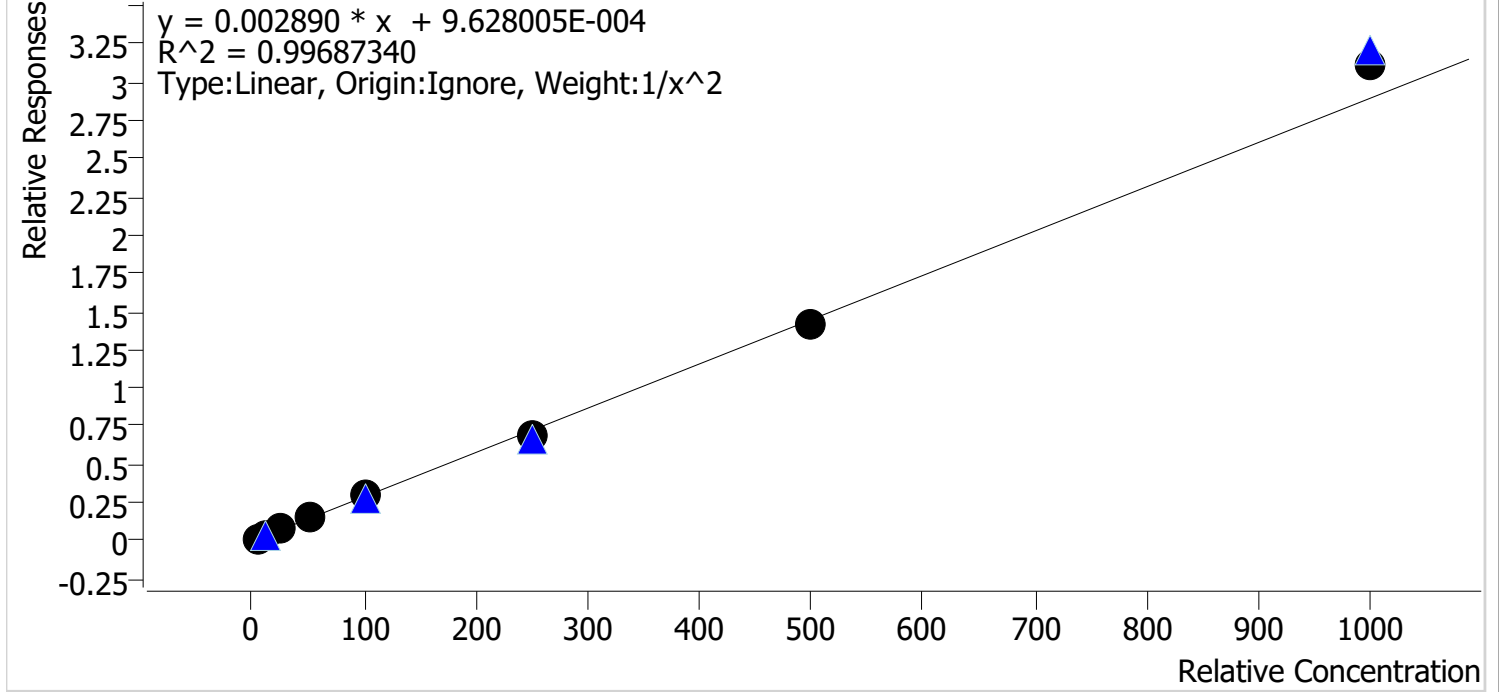
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.2	92.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	237.4	95.0
p1 Cal 7-500ng	7	✓	500.0	488.7	97.7
p1 Cal 8-1000ng	8	✓	1000.0	1073.3	107.3

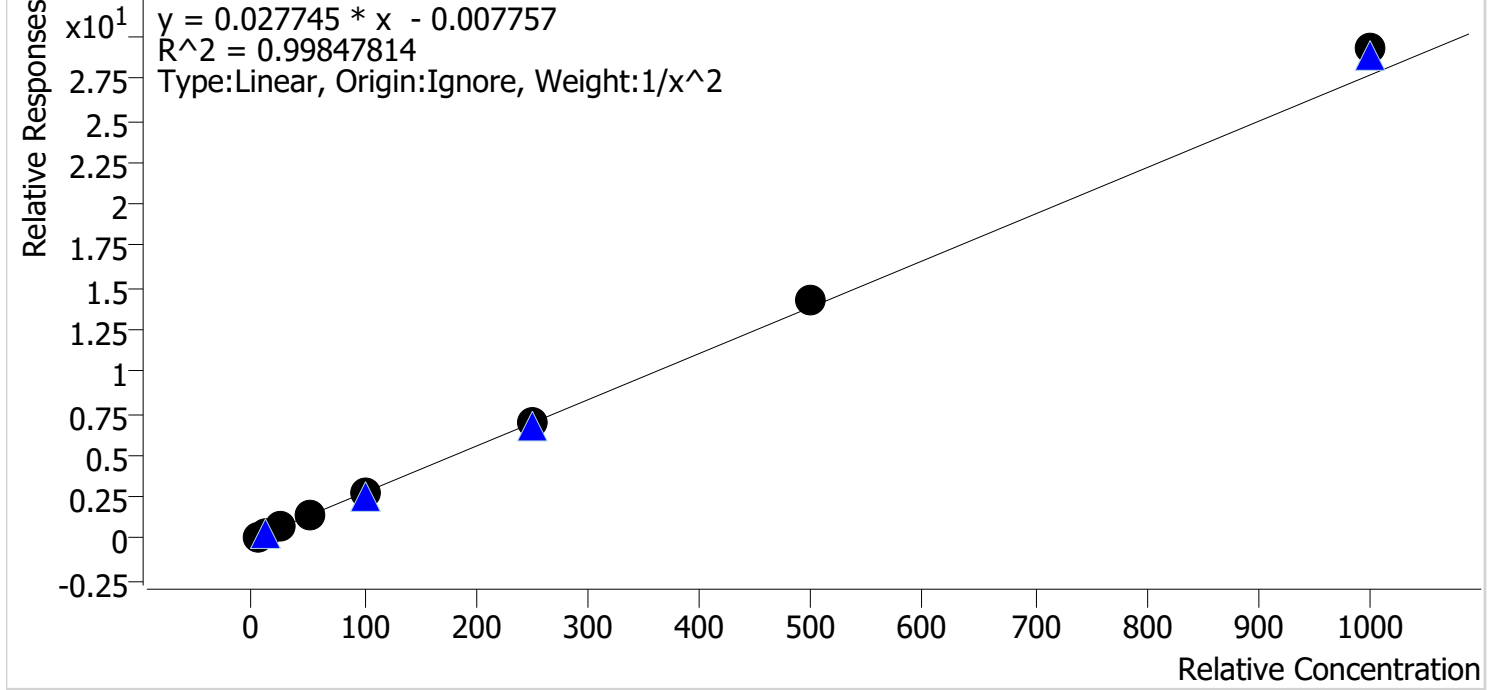
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	515.6	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1056.8	105.7

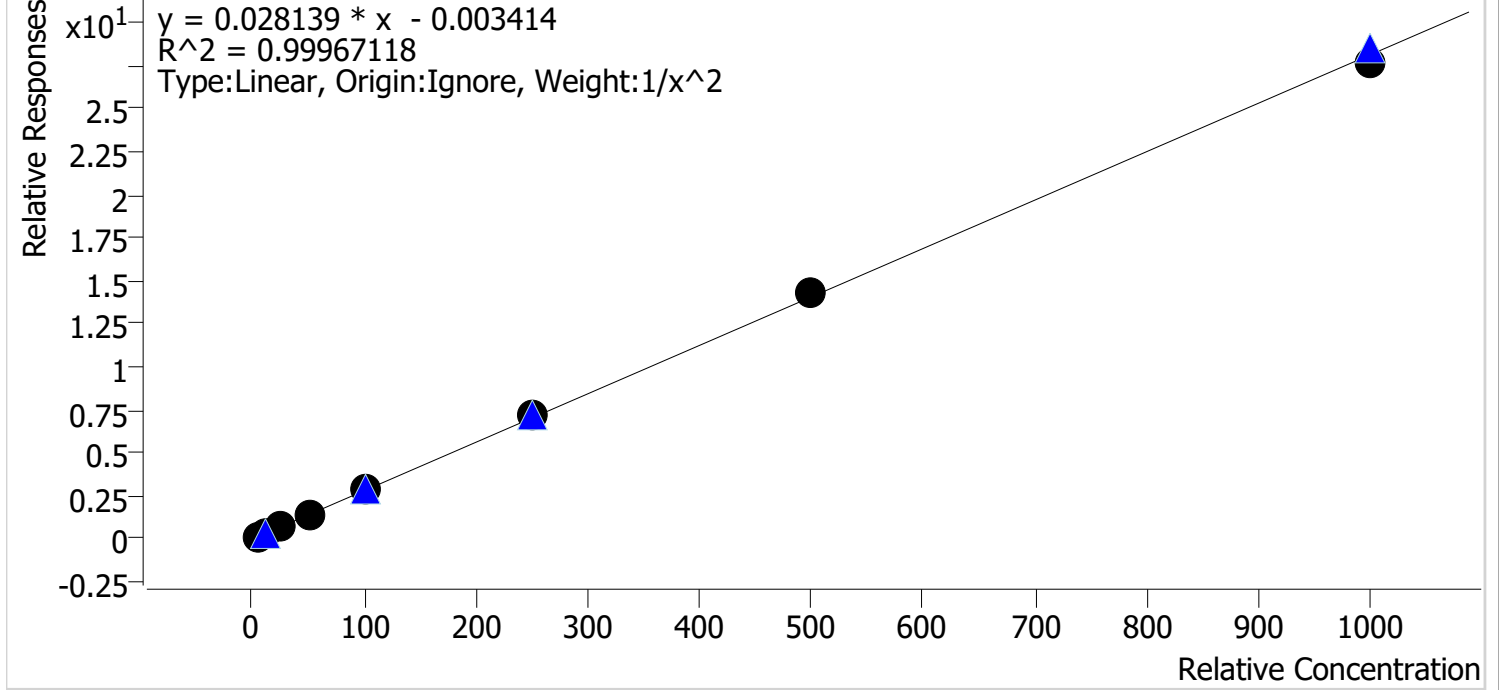
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
p1 Cal 8-1000ng	8	✓	1000.0	984.2	98.4

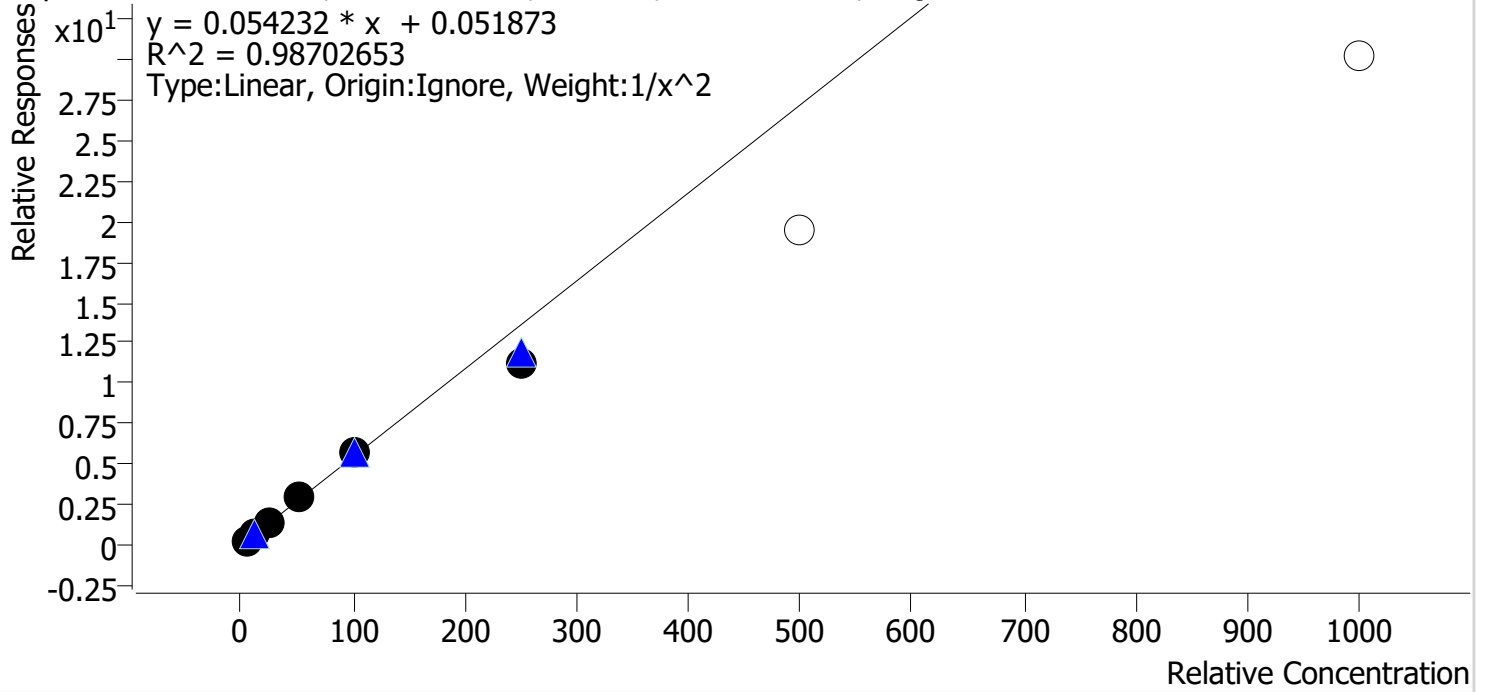
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11

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



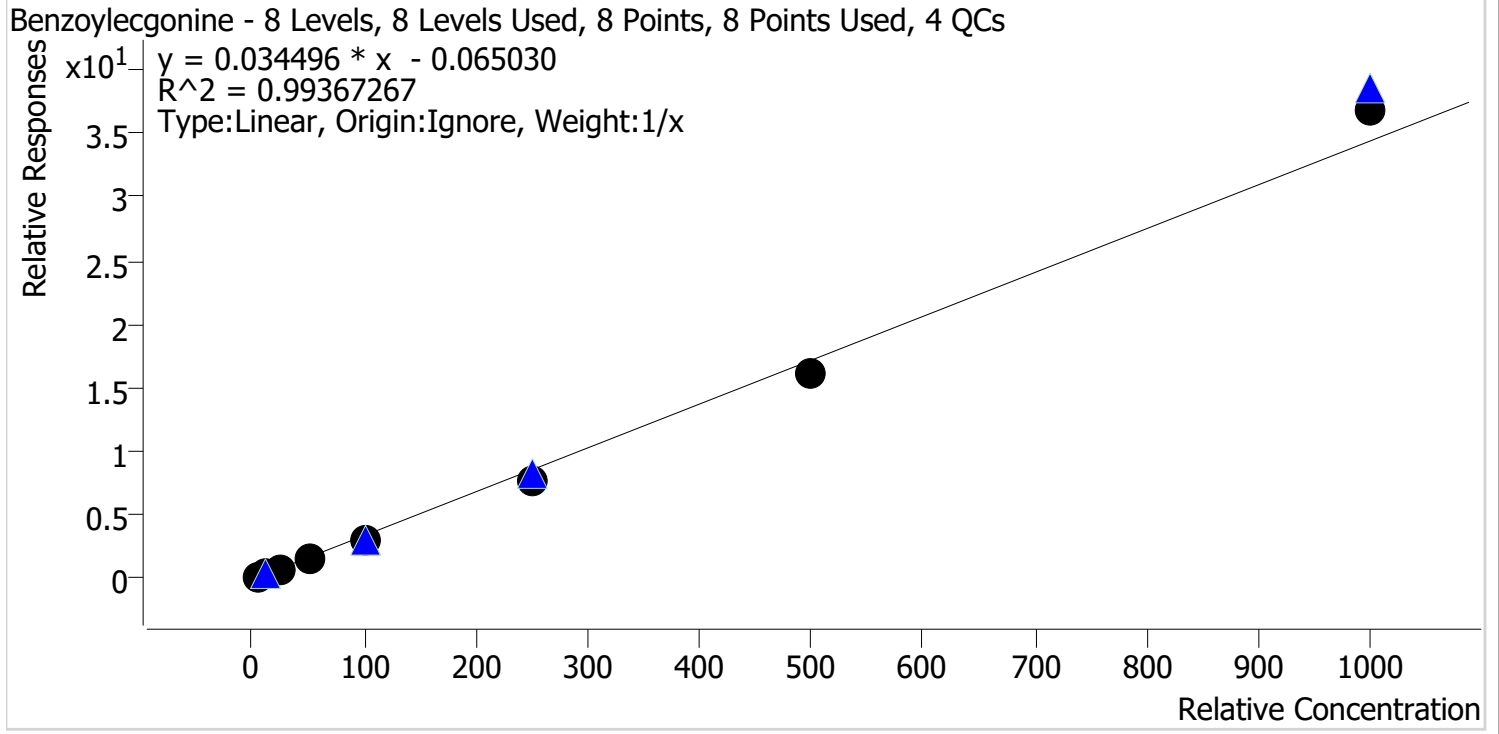
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	207.2	82.9
p1 Cal 7-500ng	7	x	500.0	356.1	71.2
p1 Cal 8-1000ng	8	x	1000.0	555.2	55.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



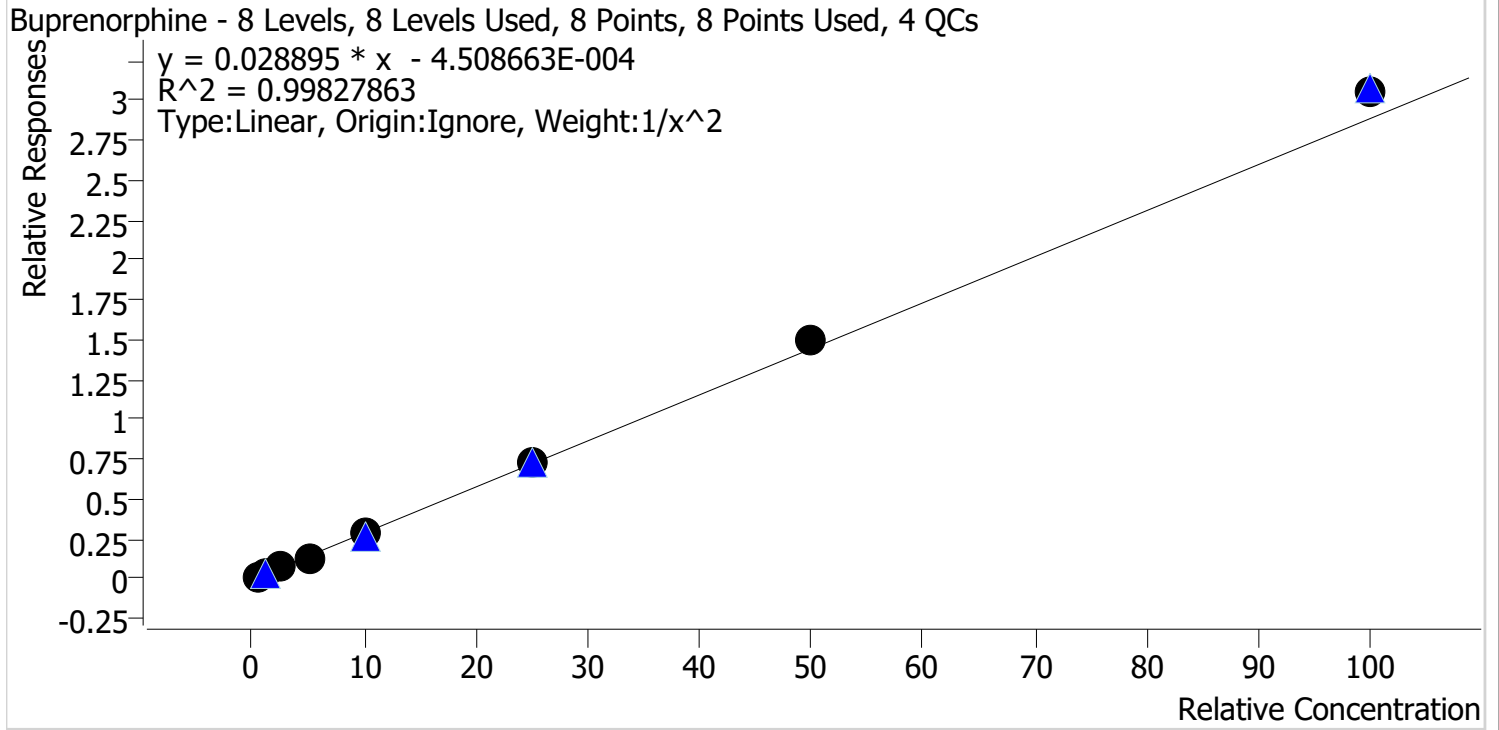
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.2	124.0
p1 Cal 2-10ng	2	✓	10.0	11.3	112.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.4
p1 Cal 4-50ng	4	✓	50.0	45.5	91.0
p1 Cal 5-100ng	5	✓	100.0	87.3	87.3
p1 Cal 6-250ng	6	✓	250.0	225.2	90.1
p1 Cal 7-500ng	7	✓	500.0	472.5	94.5
p1 Cal 8-1000ng	8	✓	1000.0	1068.7	106.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.0
p1 Cal 2-10ng	2	✓	1.0	1.0	97.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.2
p1 Cal 4-50ng	4	✓	5.0	4.8	95.1
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	51.8	103.5
p1 Cal 8-1000ng	8	✓	100.0	106.0	106.0

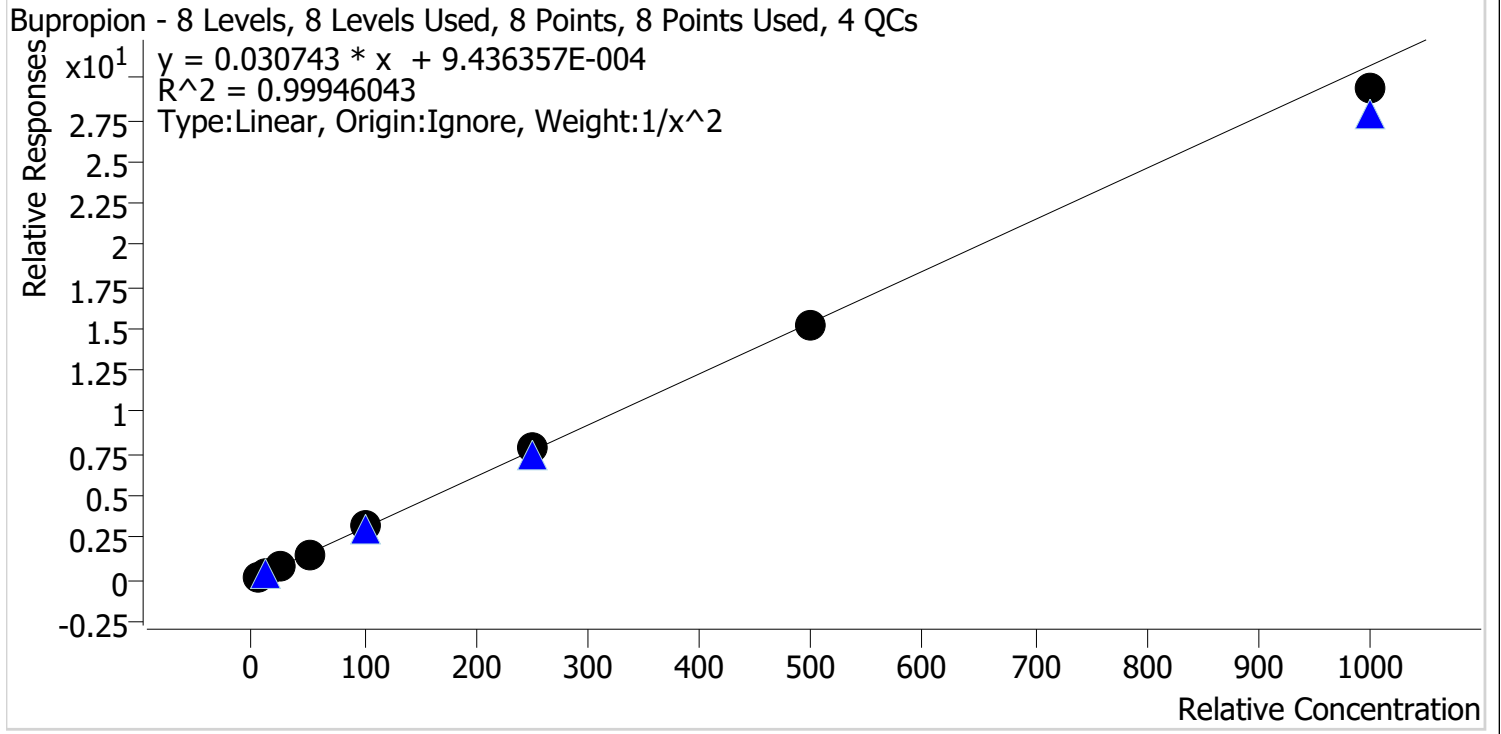


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9



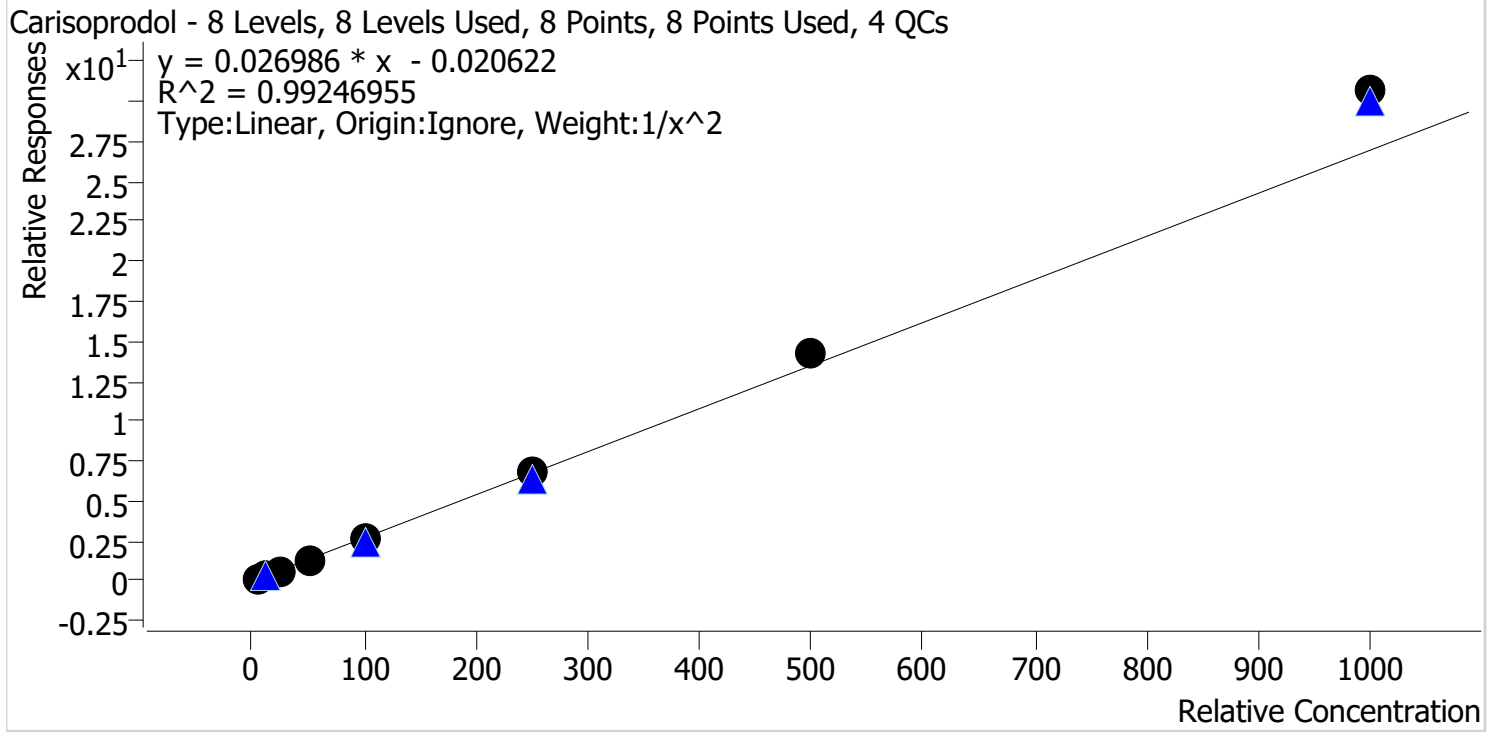
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	955.2	95.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7



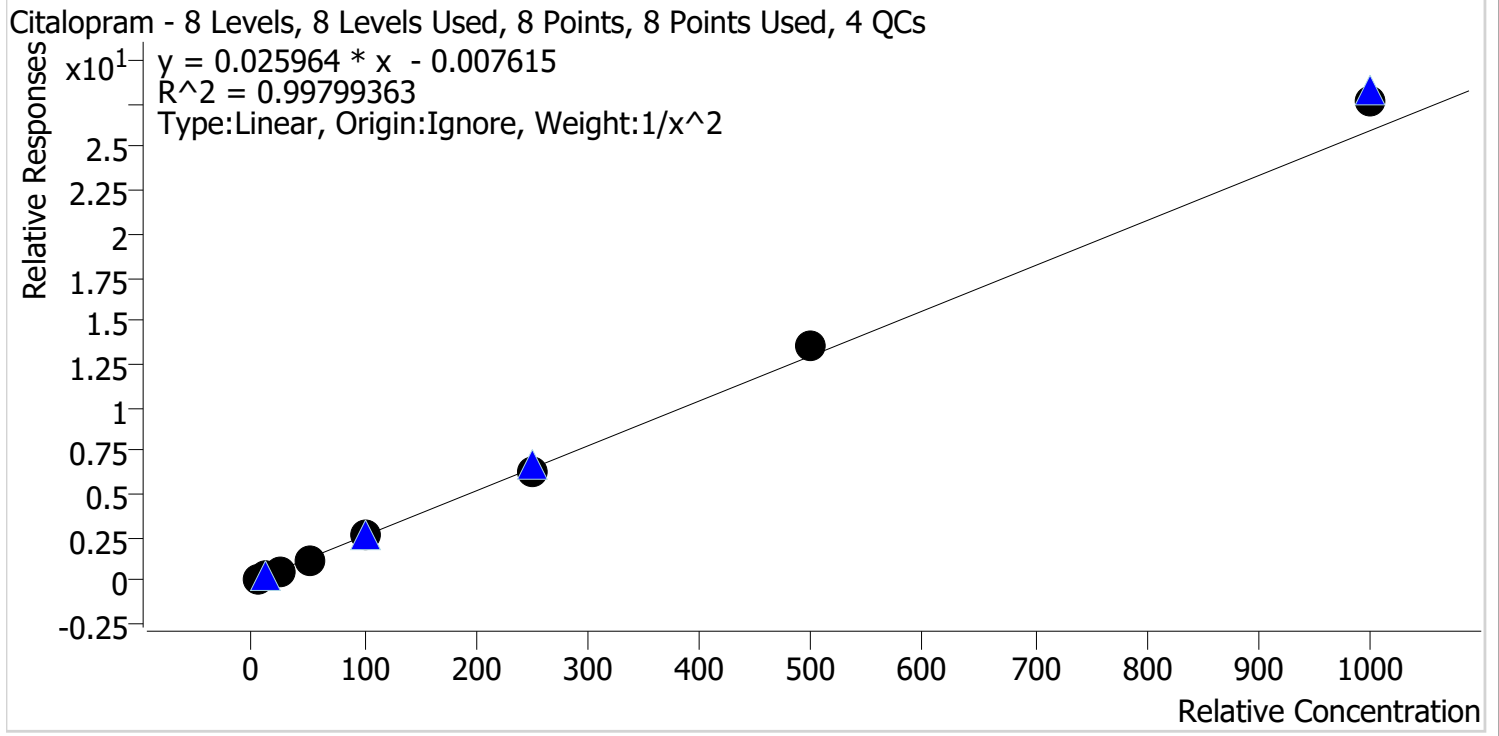
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.4
p1 Cal 4-50ng	4	✓	50.0	45.0	90.1
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	527.7	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1138.3	113.8

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6



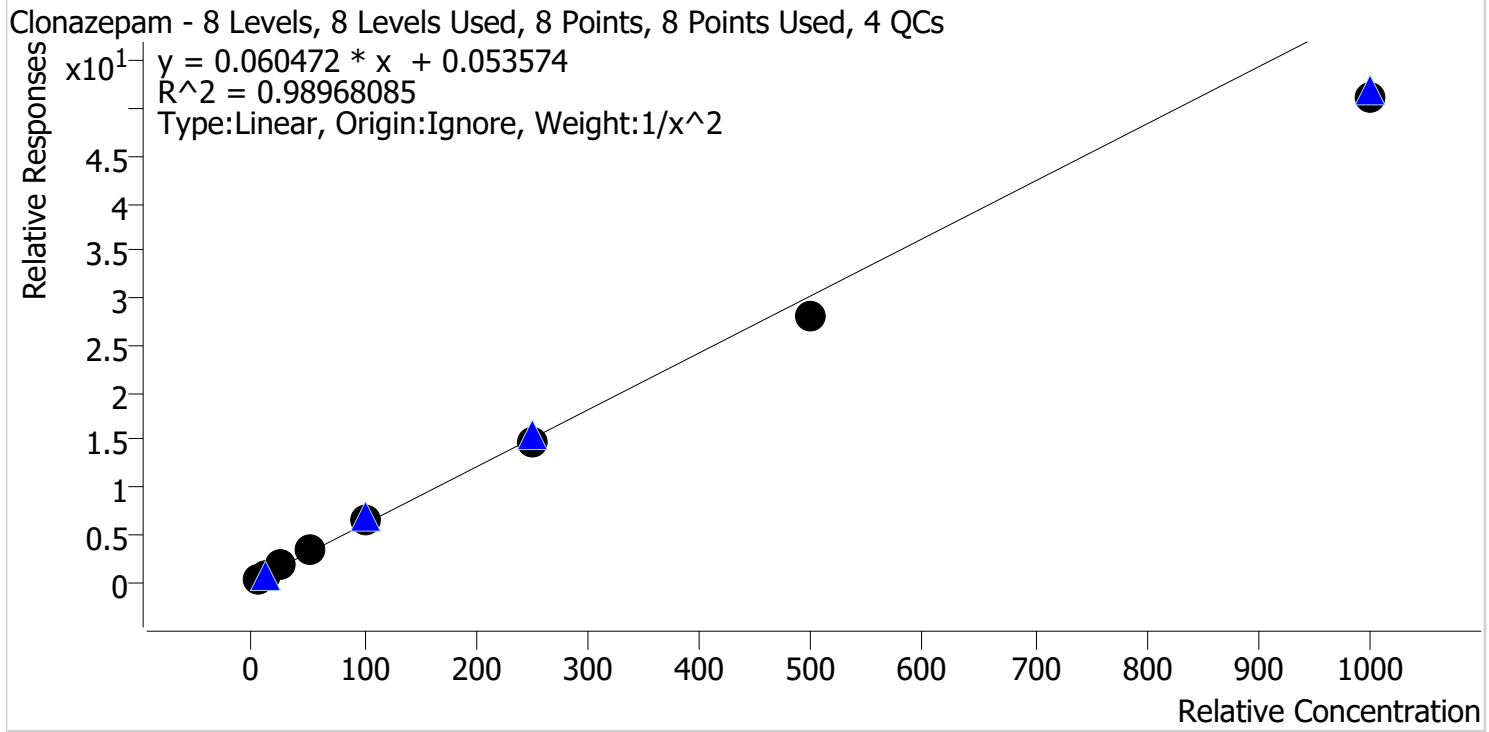
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	518.5	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1065.0	106.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	110.1	110.1
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	461.7	92.3
p1 Cal 8-1000ng	8	✓	1000.0	846.5	84.7

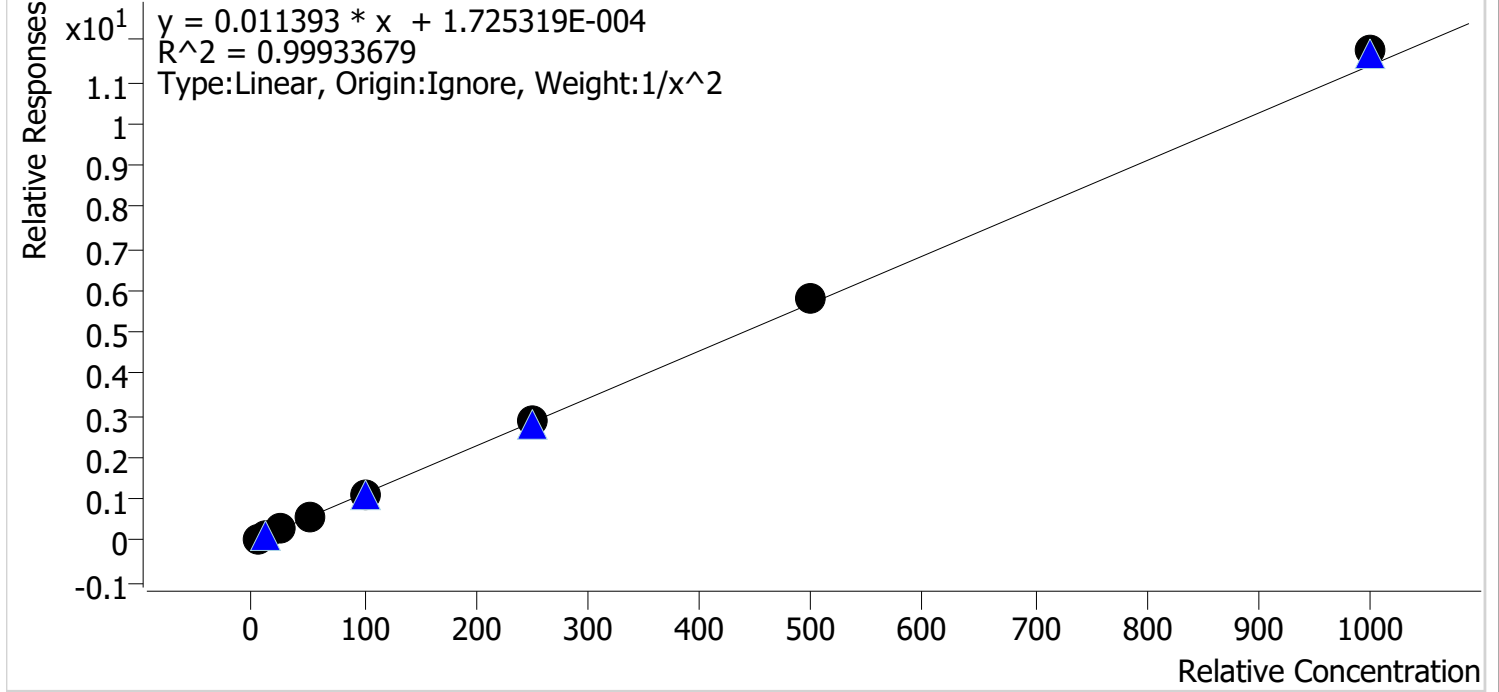
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1031.5	103.2

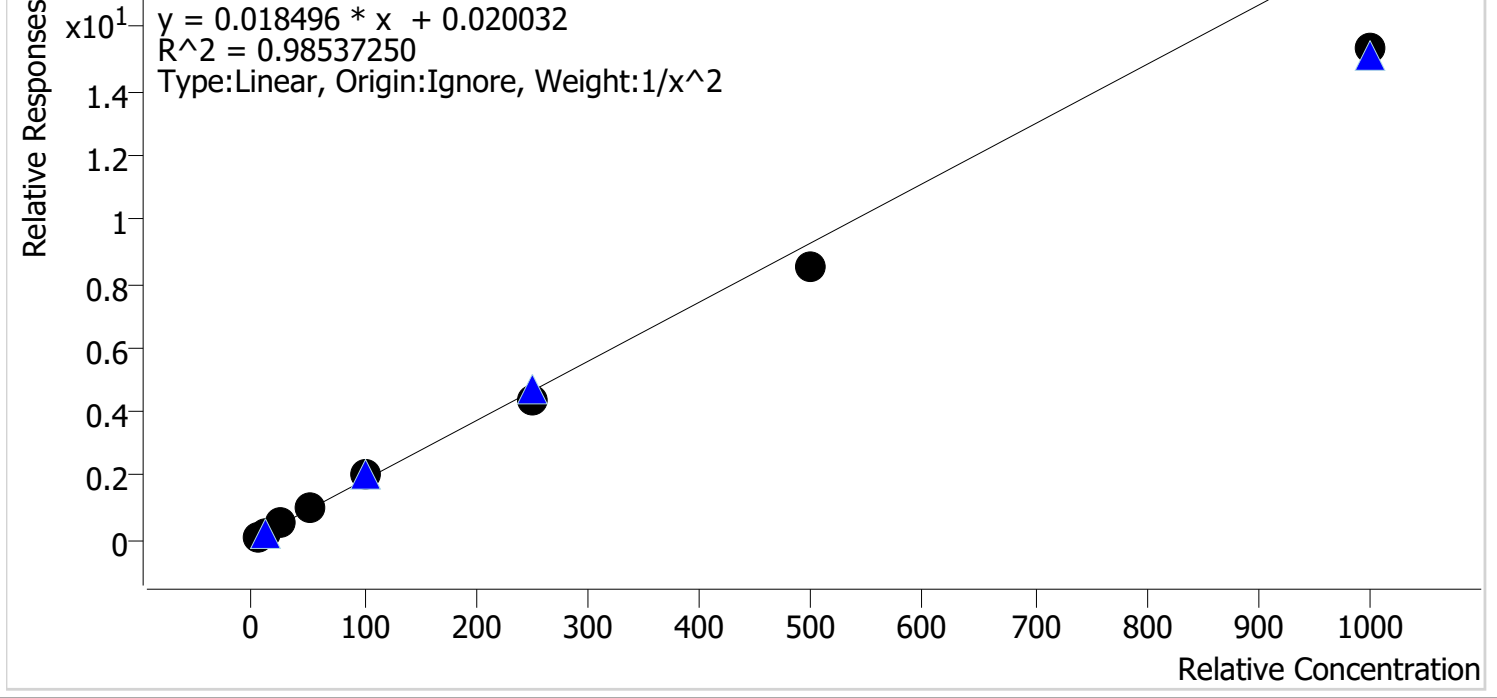
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	28.4	113.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.3
p1 Cal 5-100ng	5	✓	100.0	111.3	111.3
p1 Cal 6-250ng	6	✓	250.0	237.6	95.0
p1 Cal 7-500ng	7	✓	500.0	462.3	92.5
p1 Cal 8-1000ng	8	✓	1000.0	826.9	82.7

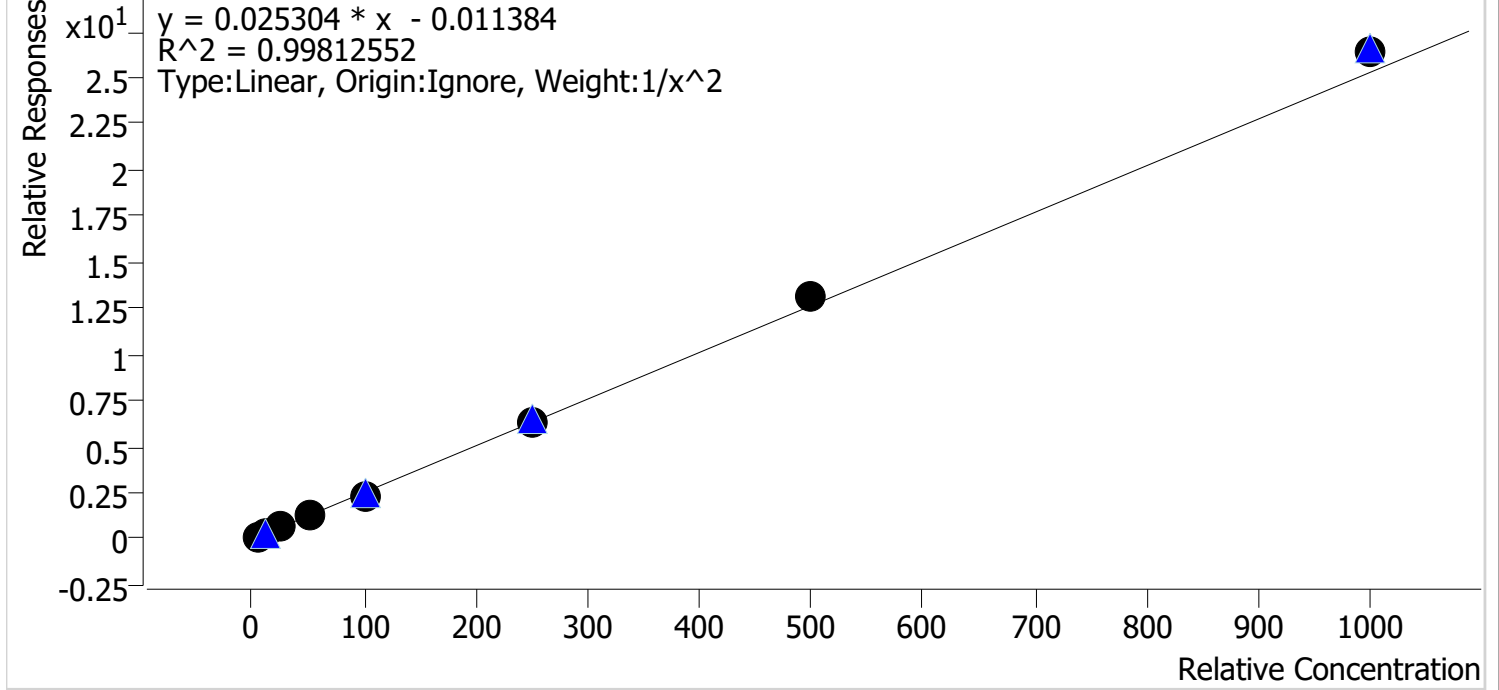
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	523.8	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1047.9	104.8

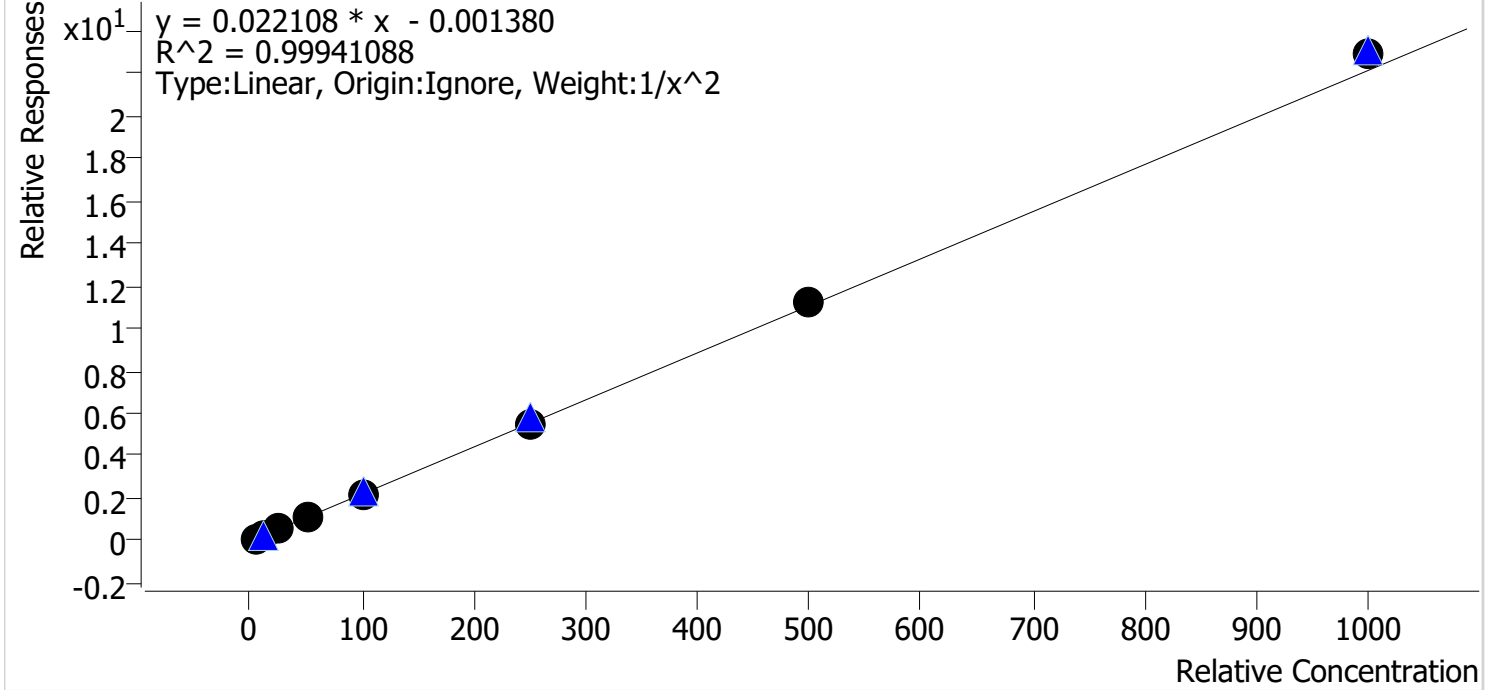
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	245.1	98.1
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1034.7	103.5

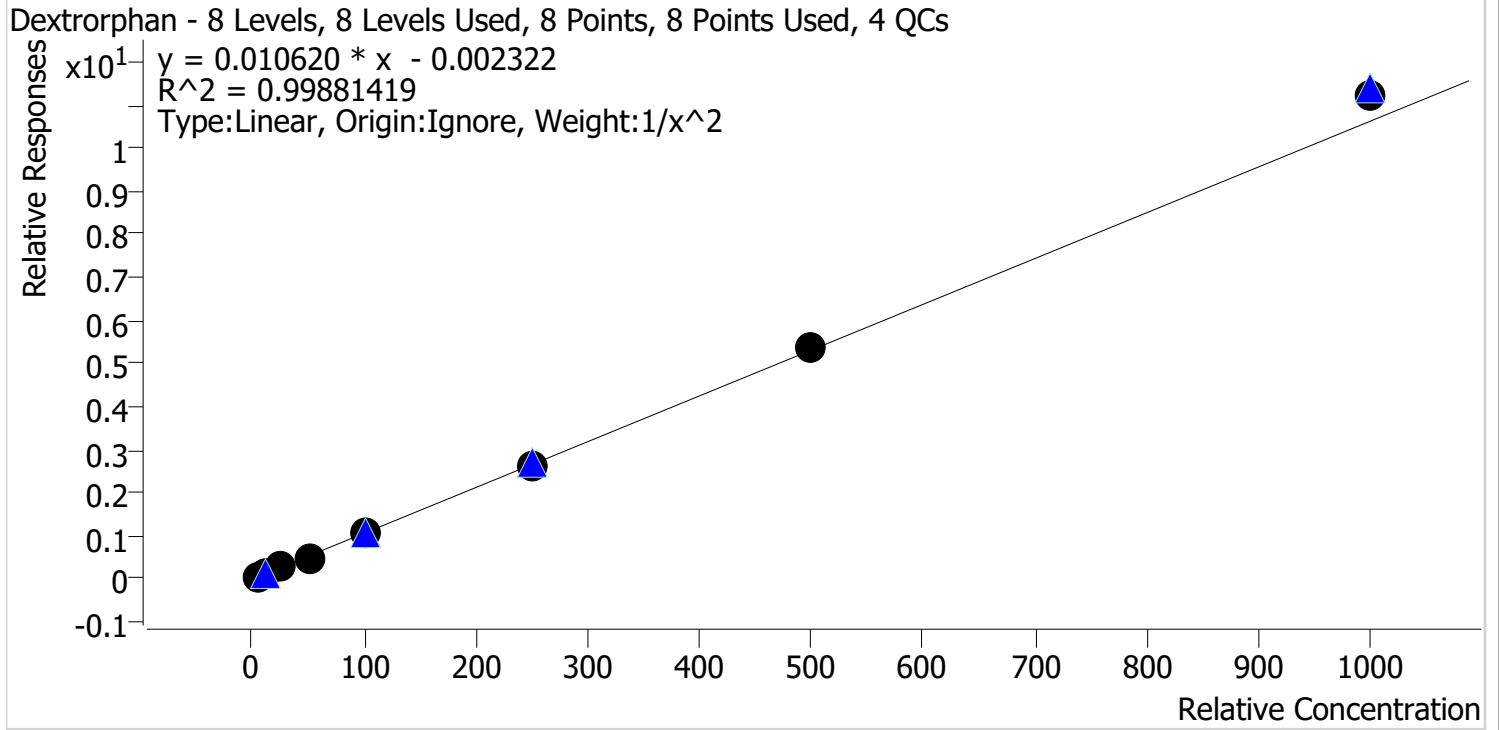


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextrorphan **Internal Standard** Dextrorphan-D3



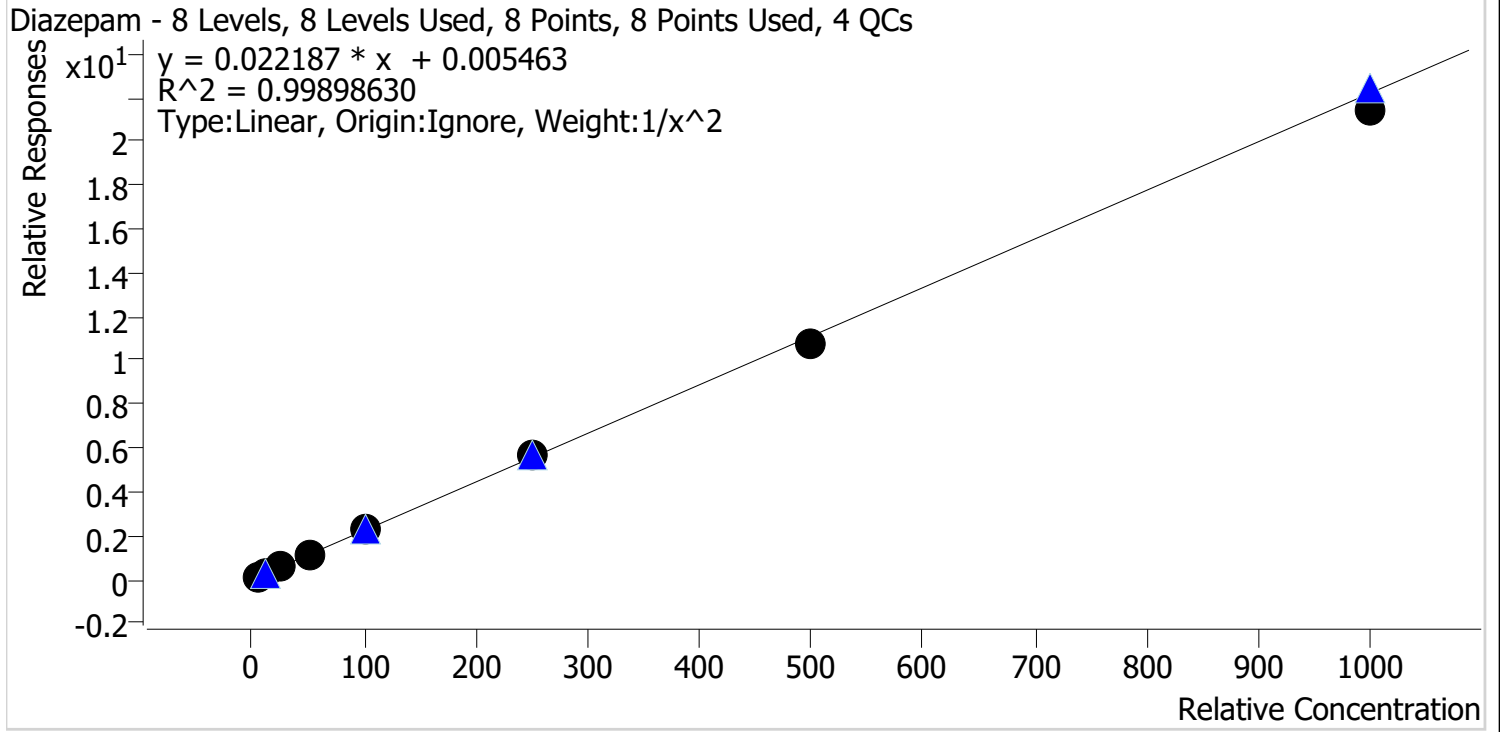
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1057.4	105.7

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



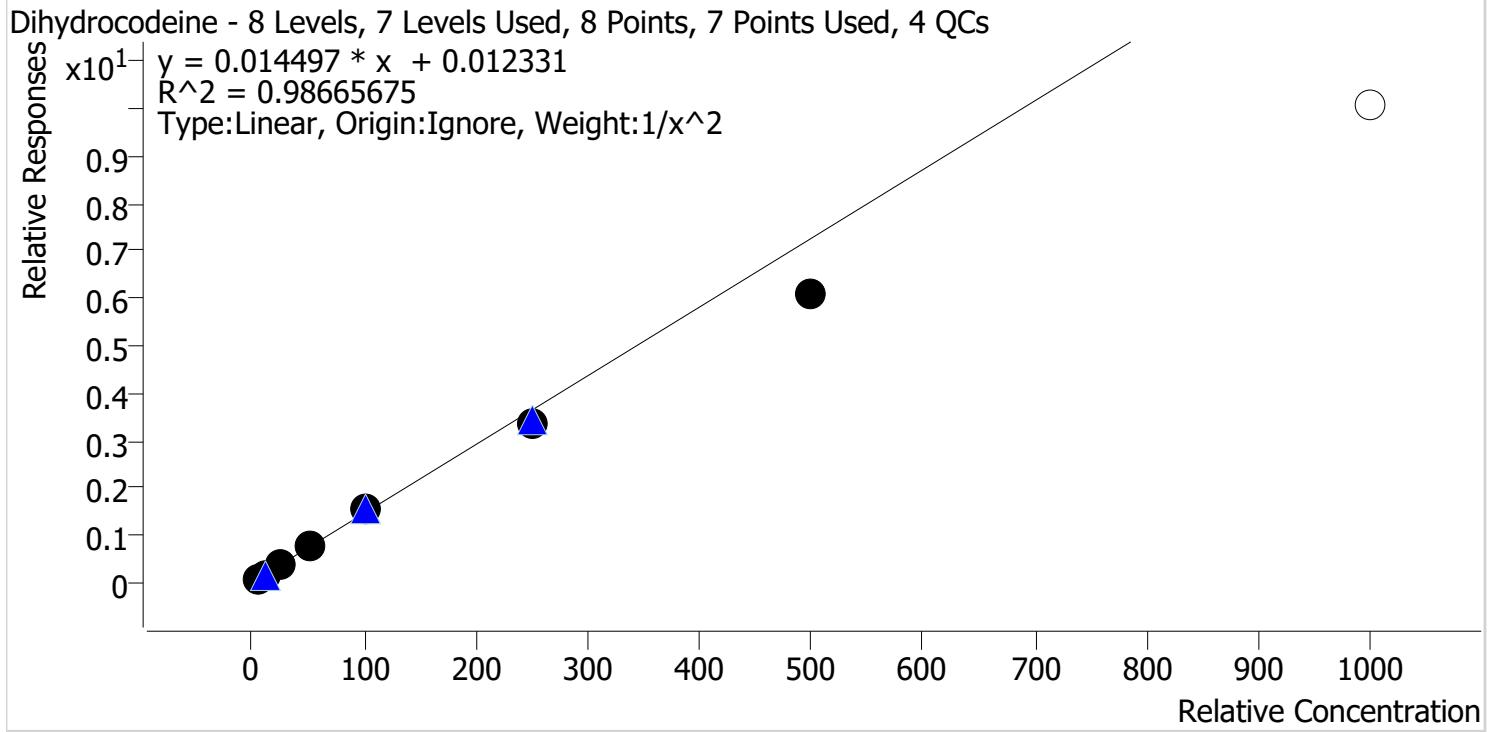
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	484.2	96.8
p1 Cal 8-1000ng	8	✓	1000.0	961.3	96.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	233.0	93.2
p1 Cal 7-500ng	7	✓	500.0	416.7	83.3
p1 Cal 8-1000ng	8	✗	1000.0	695.9	69.6

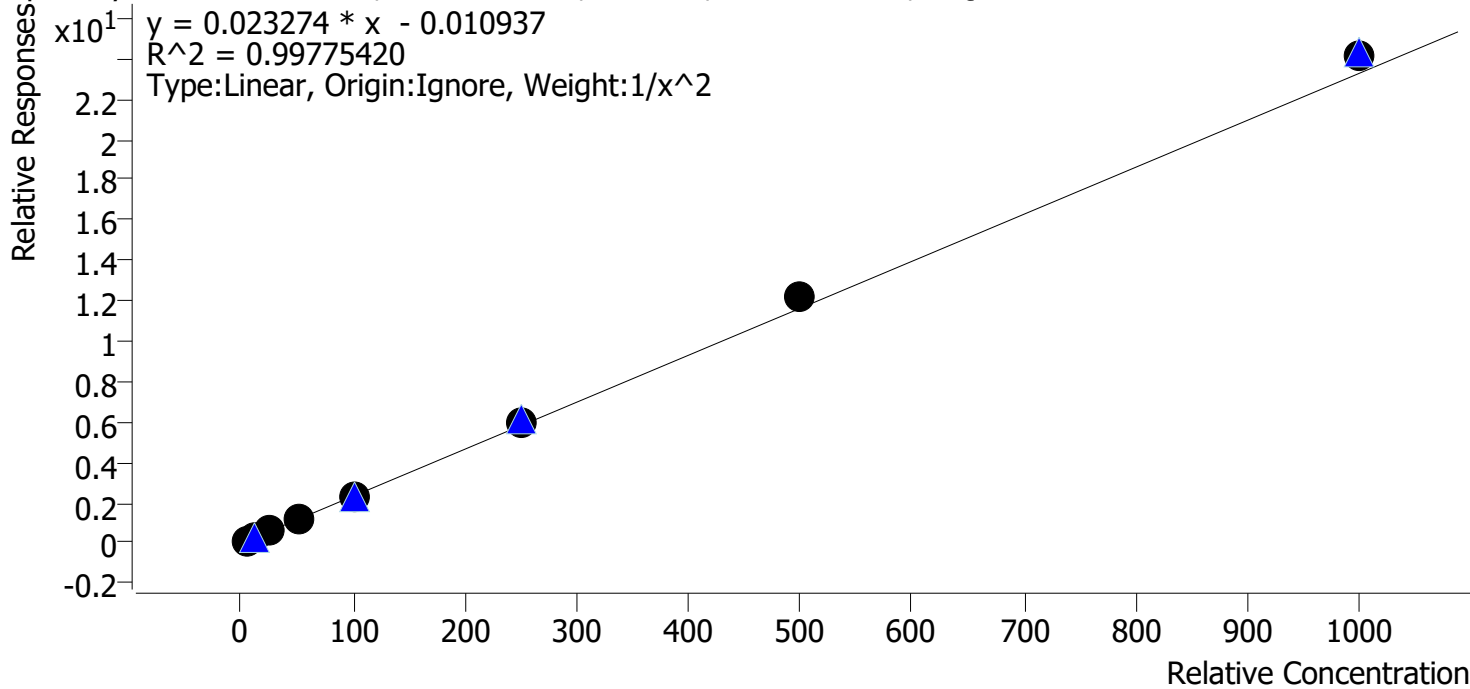
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	524.9	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1036.0	103.6

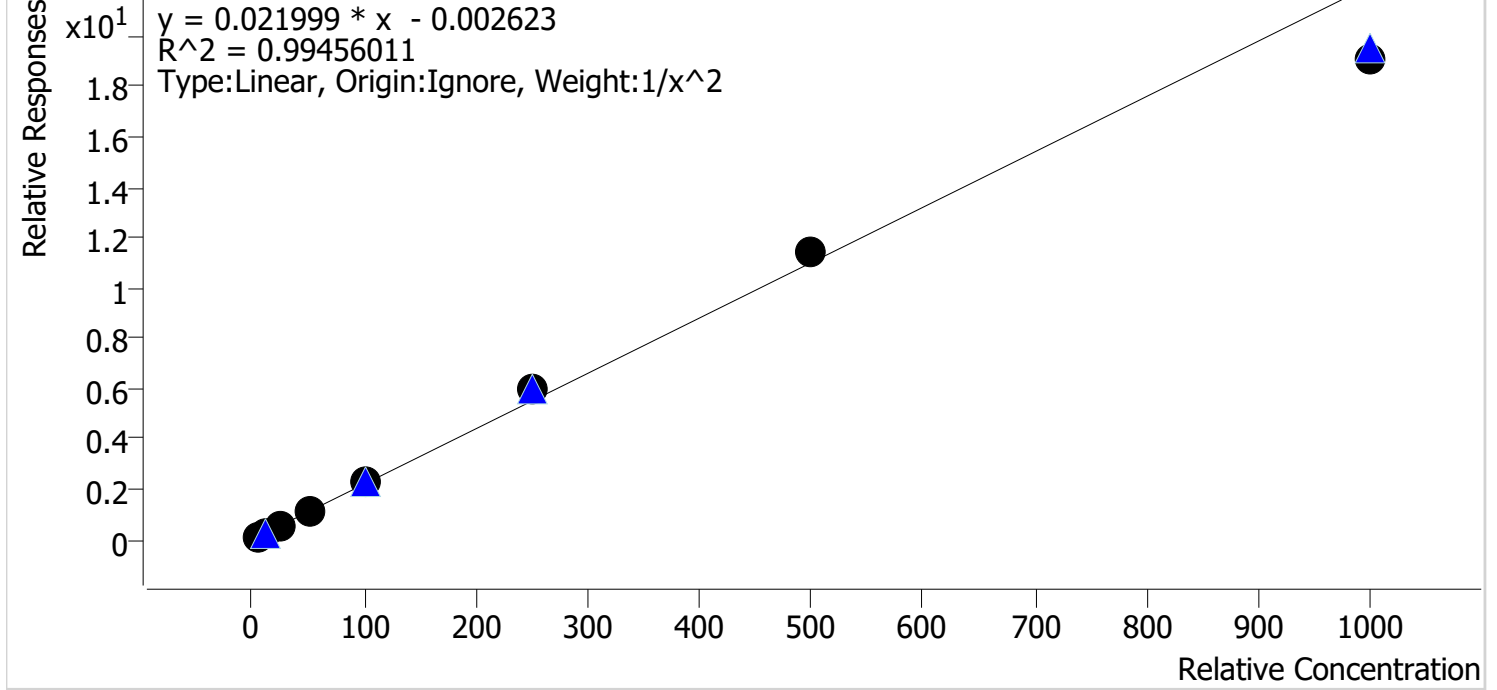
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	271.0	108.4
p1 Cal 7-500ng	7	✓	500.0	522.1	104.4
p1 Cal 8-1000ng	8	✓	1000.0	865.1	86.5

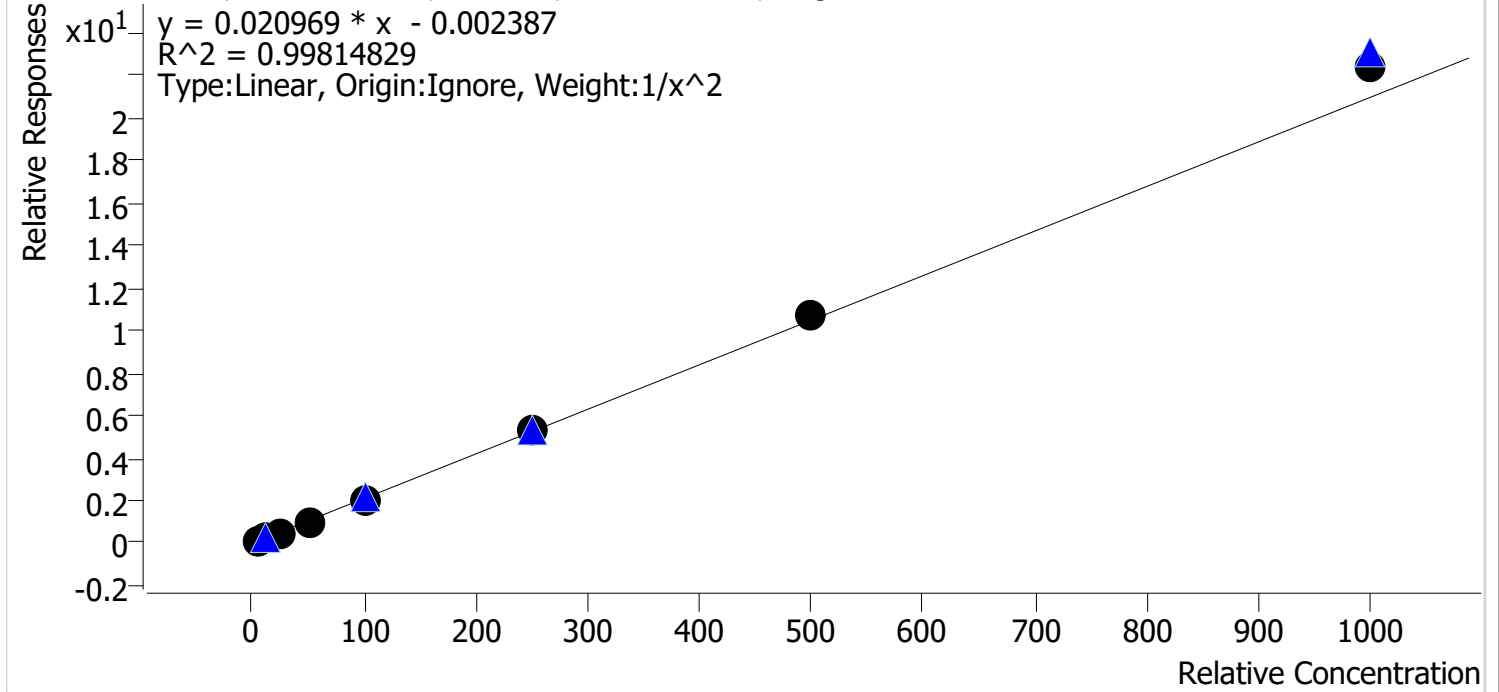
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	512.6	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1070.8	107.1

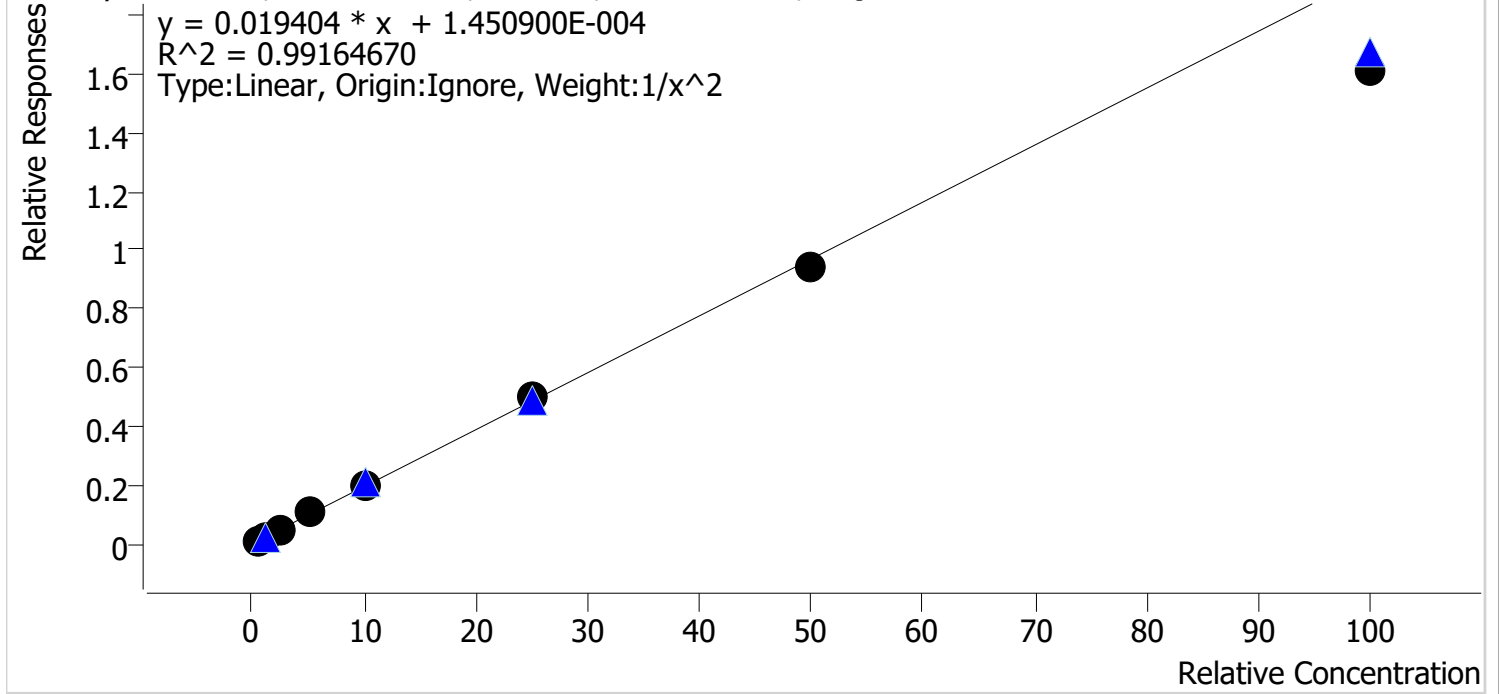
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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



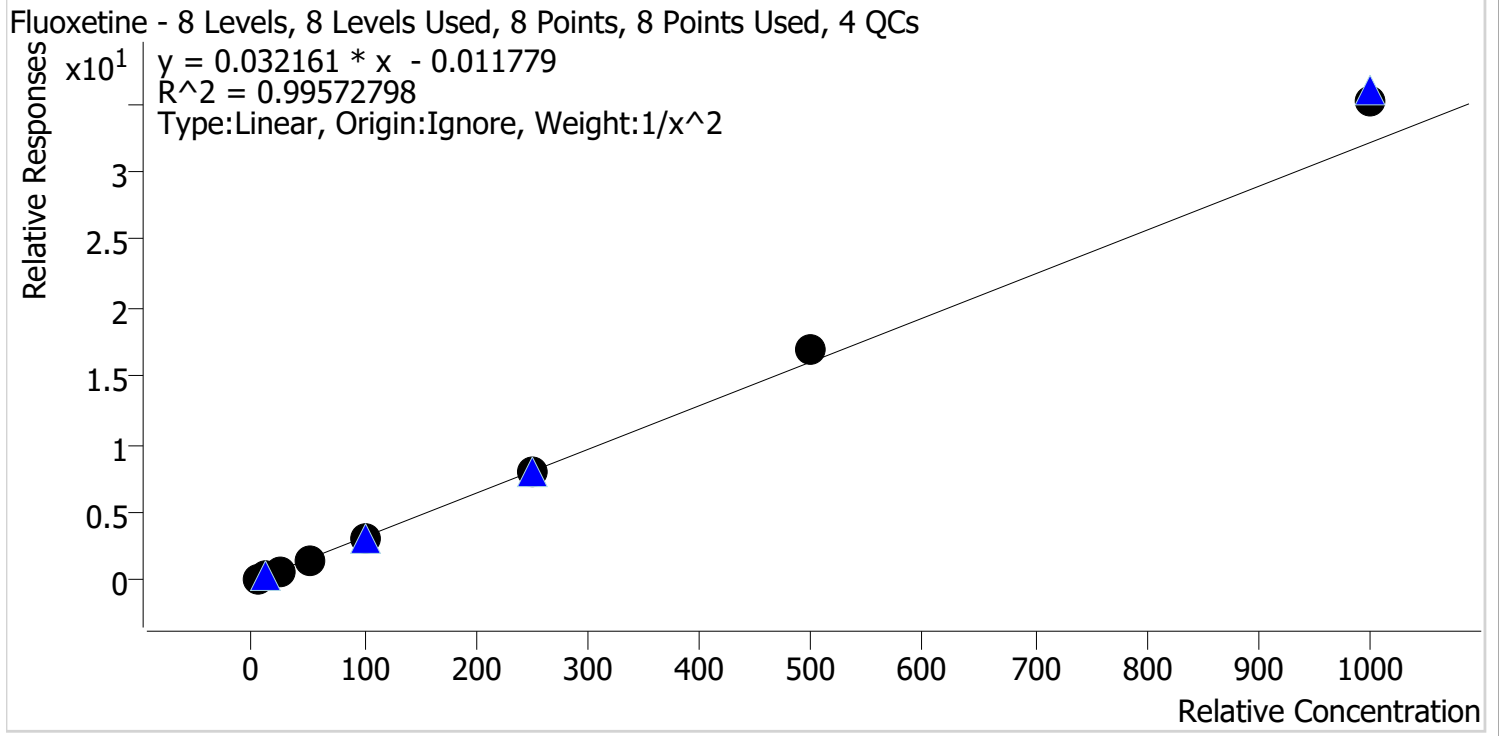
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.1
p1 Cal 2-10ng	2	✓	1.0	1.0	104.3
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.9
p1 Cal 4-50ng	4	✓	5.0	5.4	107.8
p1 Cal 5-100ng	5	✓	10.0	10.4	104.1
p1 Cal 6-250ng	6	✓	25.0	26.0	104.1
p1 Cal 7-500ng	7	✓	50.0	48.3	96.7
p1 Cal 8-1000ng	8	✓	100.0	83.0	83.0

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1095.8	109.6

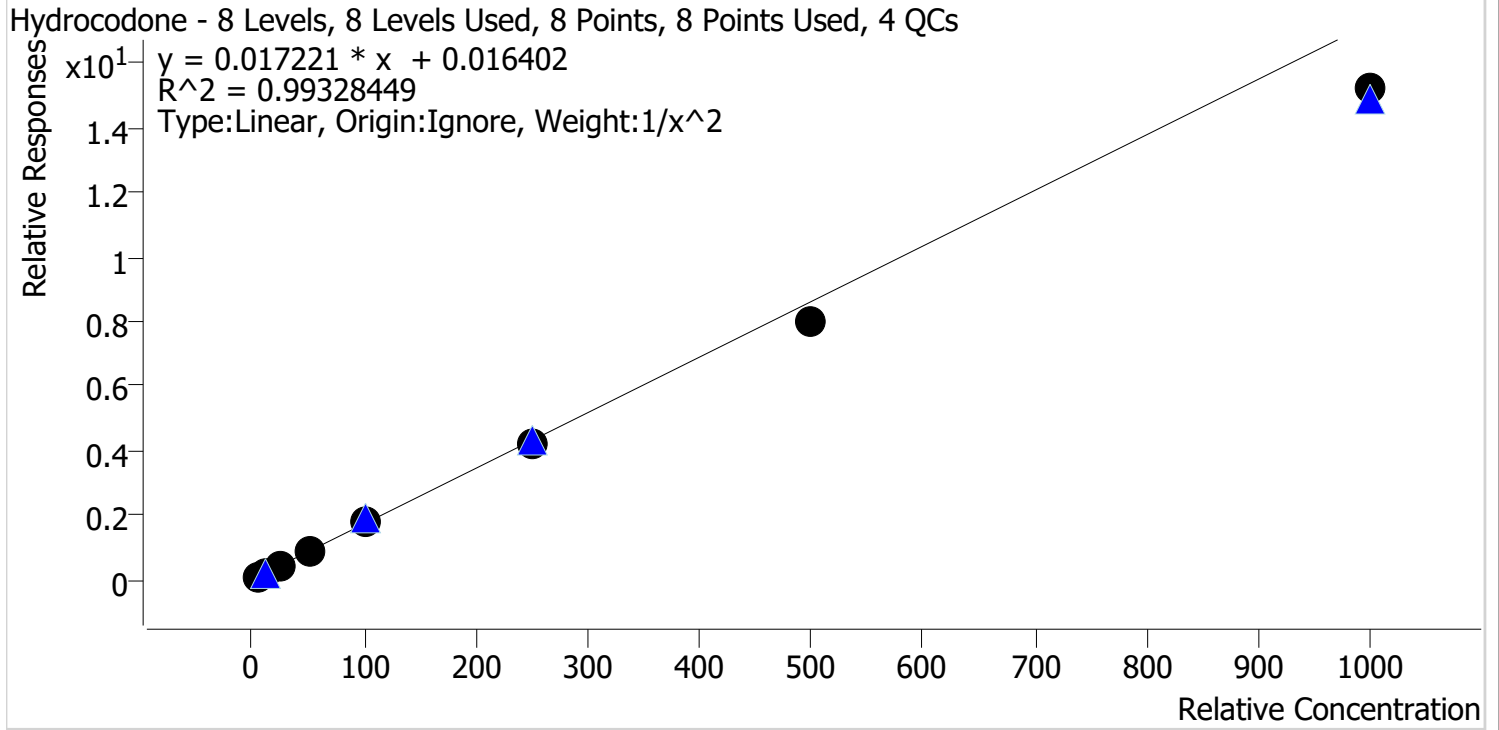


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6



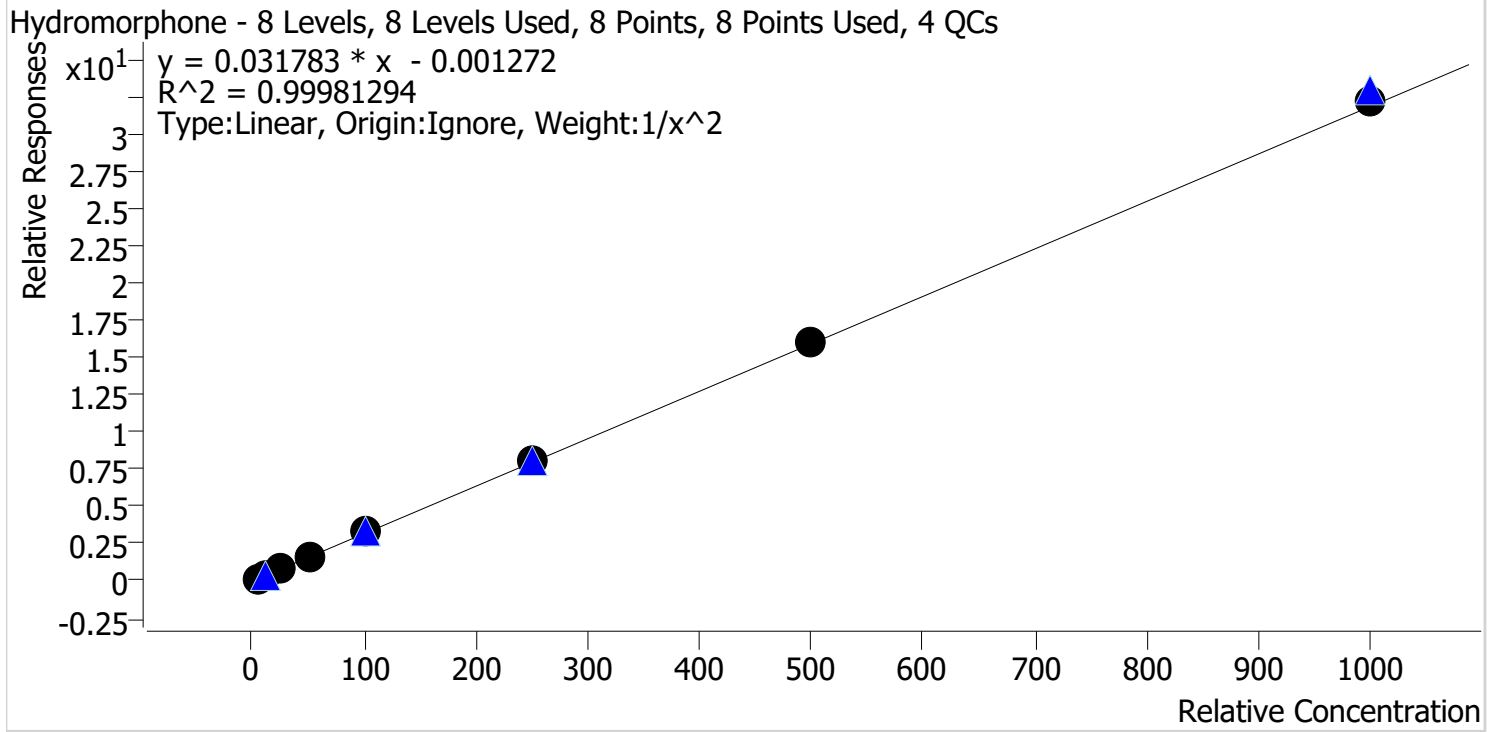
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	467.0	93.4
p1 Cal 8-1000ng	8	✓	1000.0	883.1	88.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6



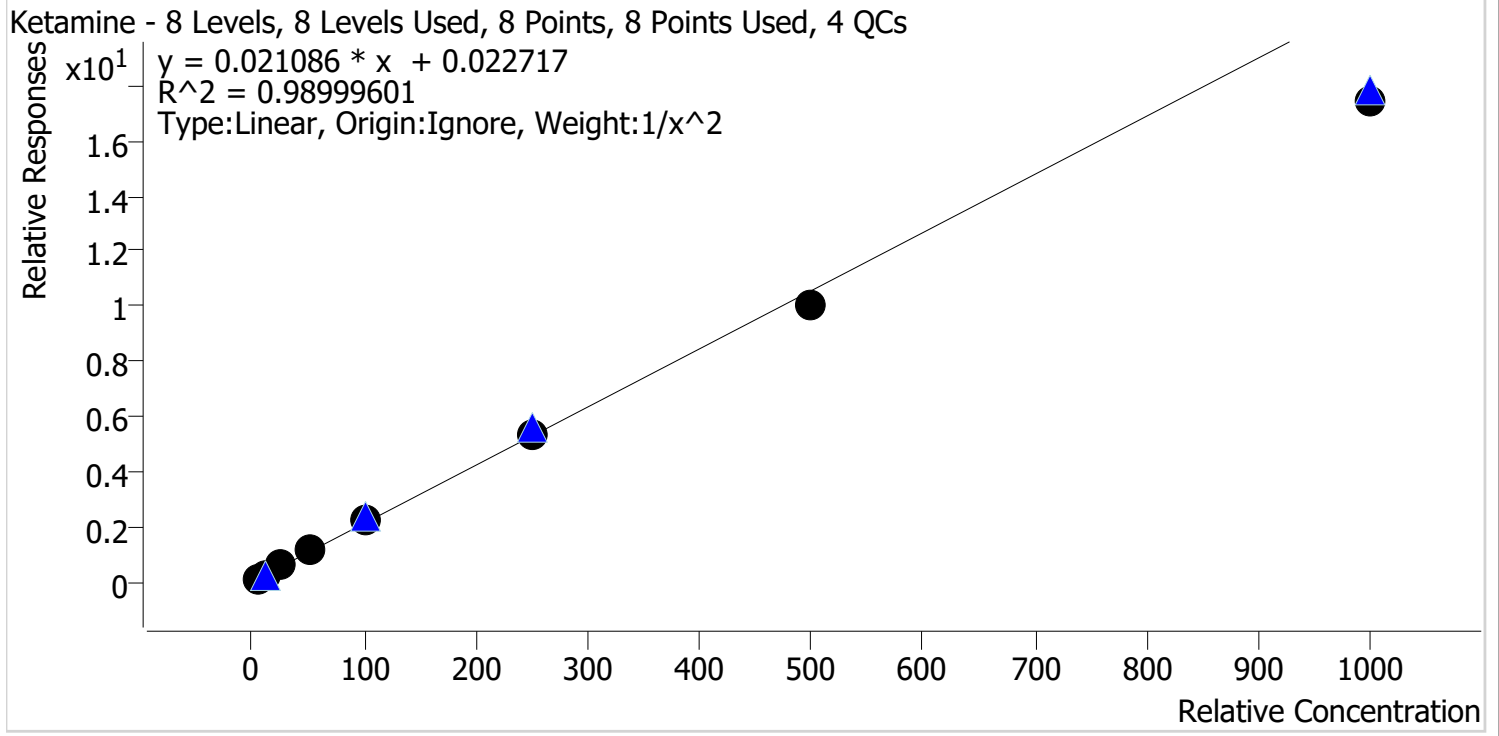
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1009.1	100.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



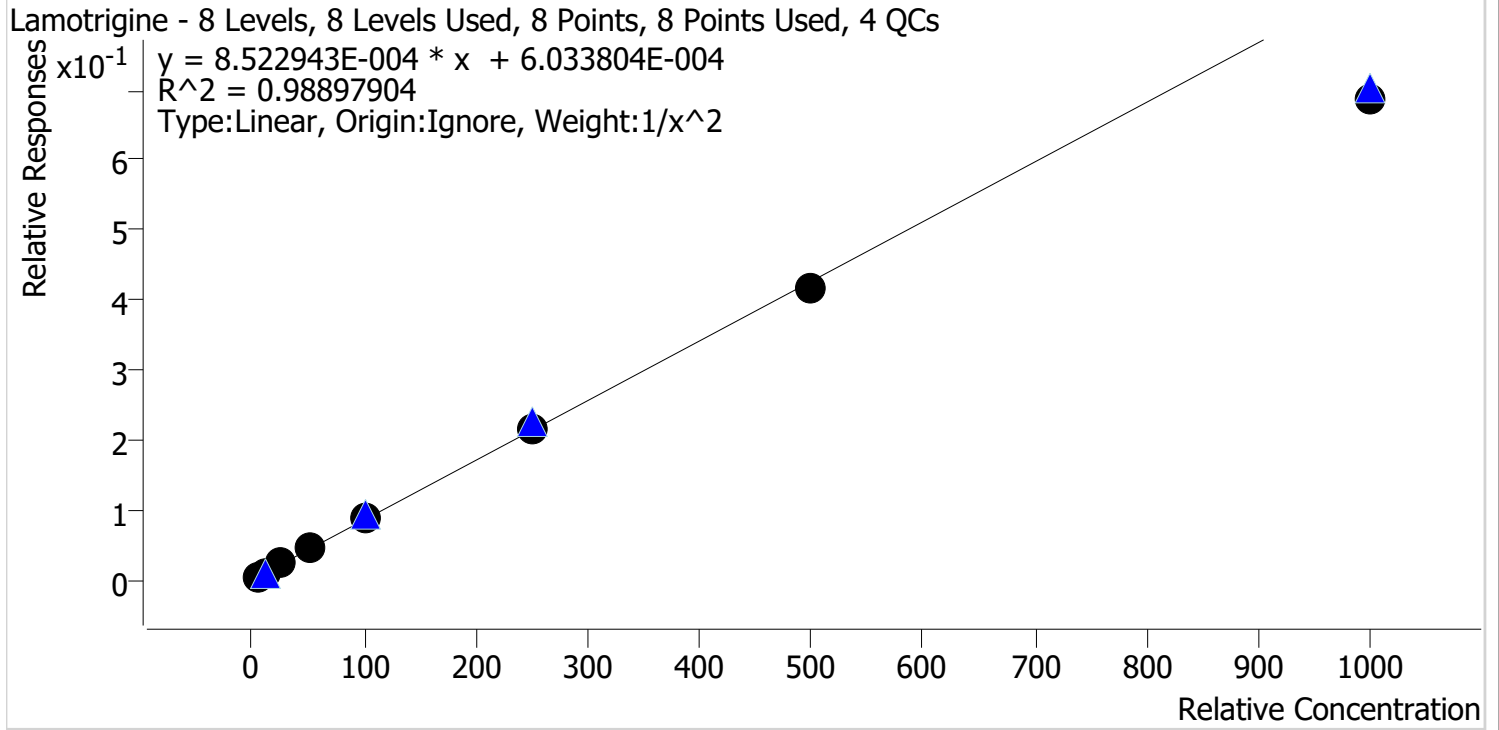
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	474.3	94.9
p1 Cal 8-1000ng	8	✓	1000.0	823.3	82.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	254.6	101.9
p1 Cal 7-500ng	7	✓	500.0	488.7	97.7
p1 Cal 8-1000ng	8	✓	1000.0	803.6	80.4

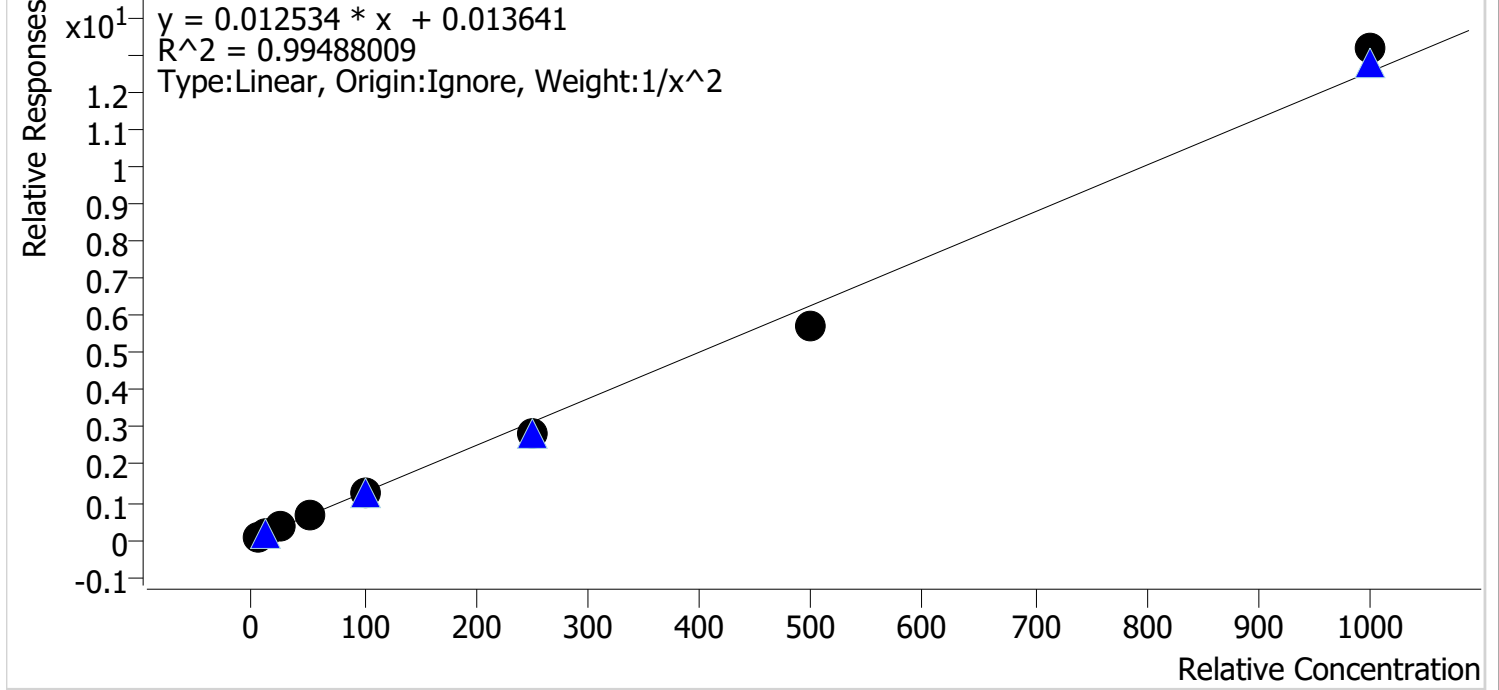
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	227.4	91.0
p1 Cal 7-500ng	7	✓	500.0	459.2	91.8
p1 Cal 8-1000ng	8	✓	1000.0	1049.5	105.0

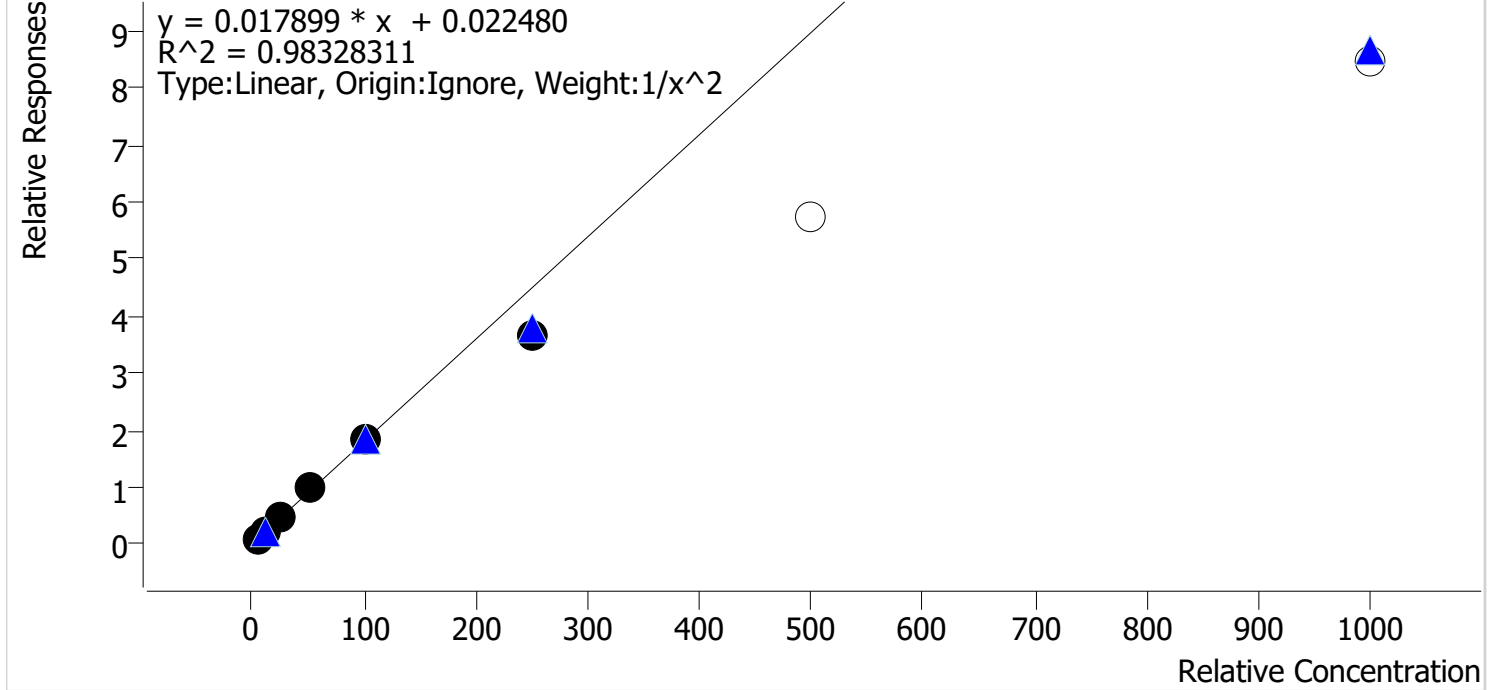
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7

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



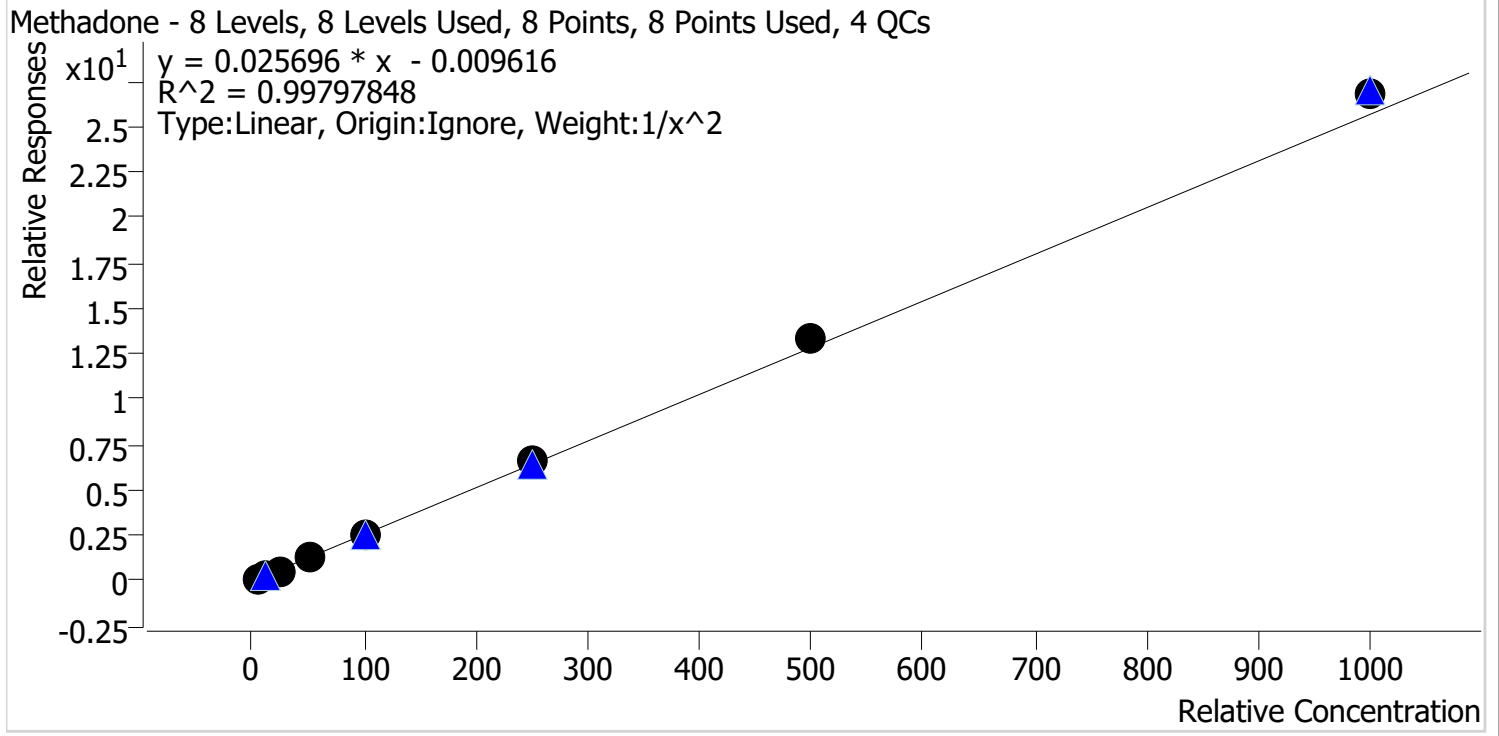
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	203.0	81.2
p1 Cal 7-500ng	7	x	500.0	319.6	63.9
p1 Cal 8-1000ng	8	x	1000.0	470.2	47.0

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9



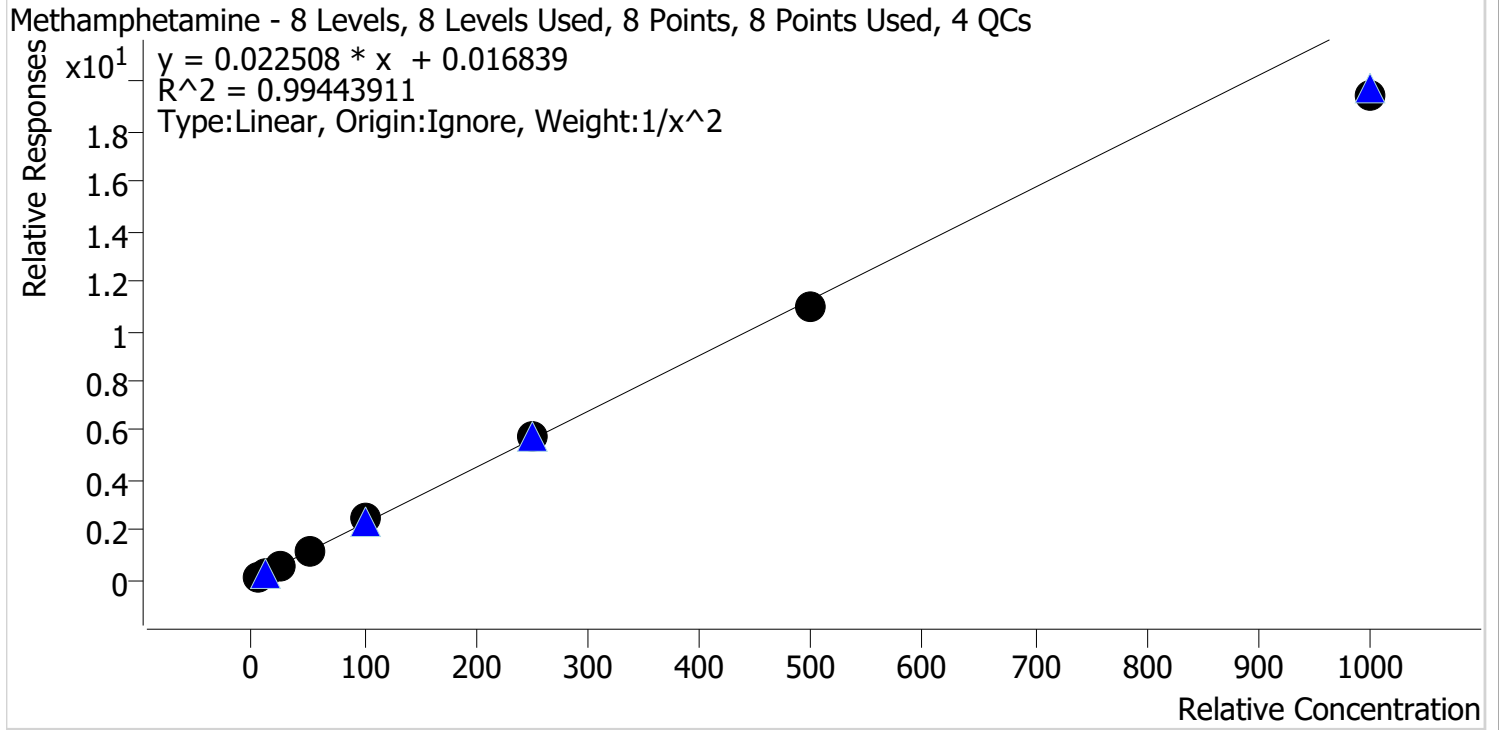
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1041.3	104.1

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng	8	✓	1000.0	865.5	86.6



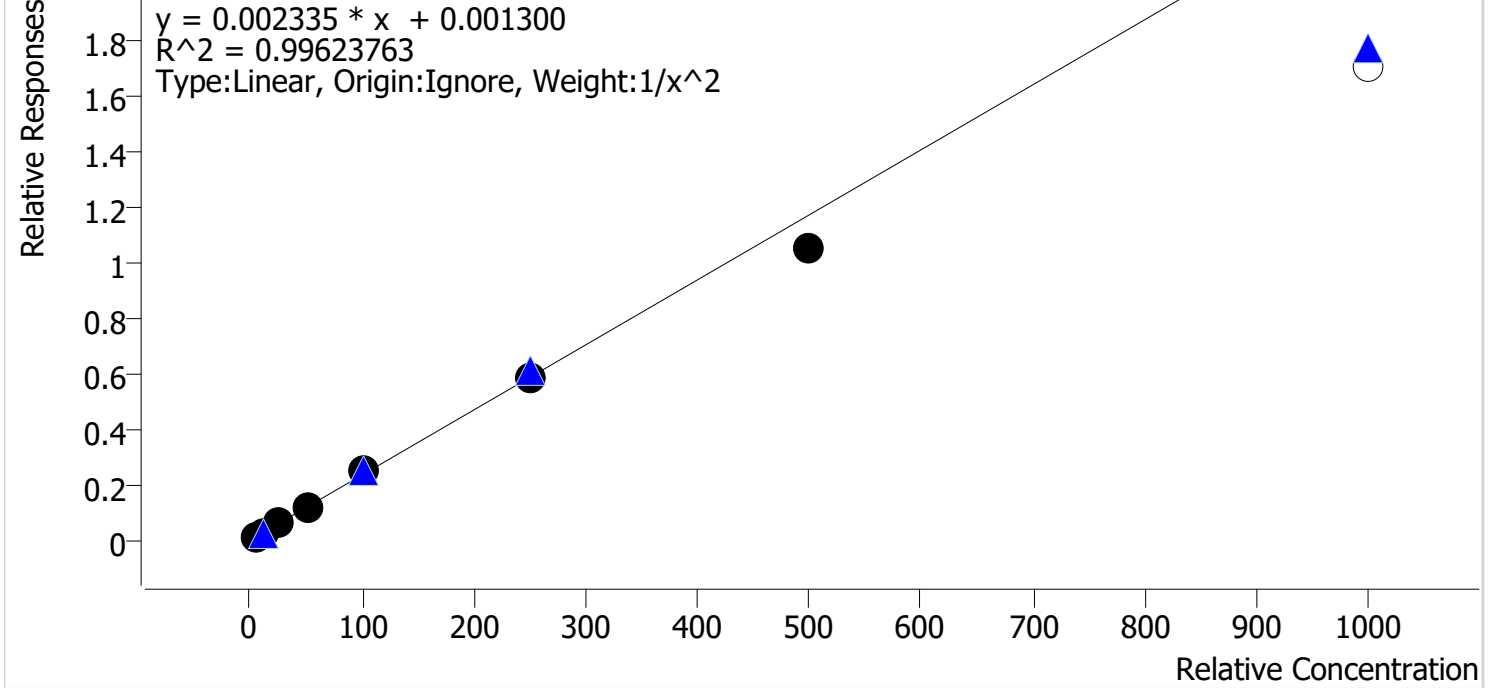
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Metoprolol **Internal Standard** Tramadol-13C-D3

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



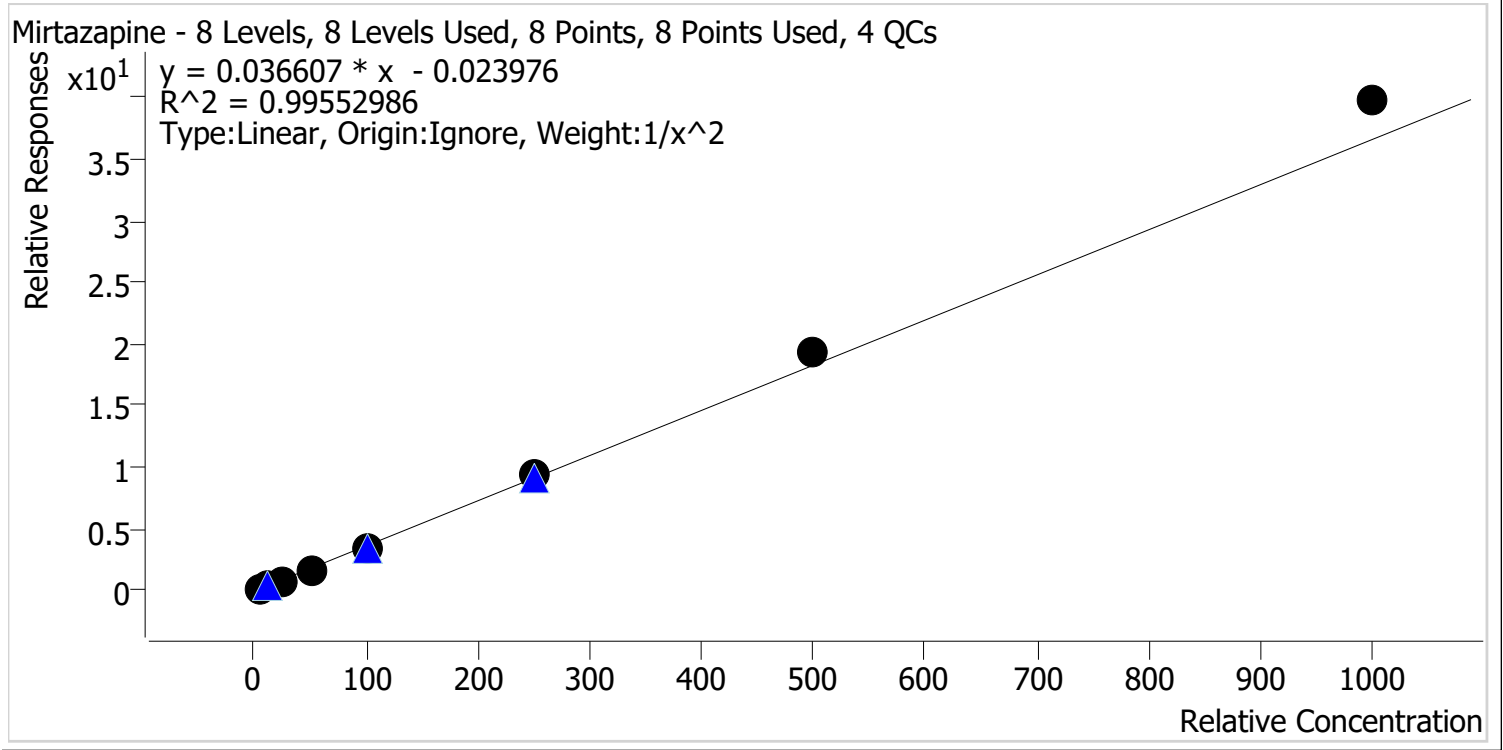
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	449.8	90.0
p1 Cal 8-1000ng	8	✗	1000.0	729.5	72.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-D8



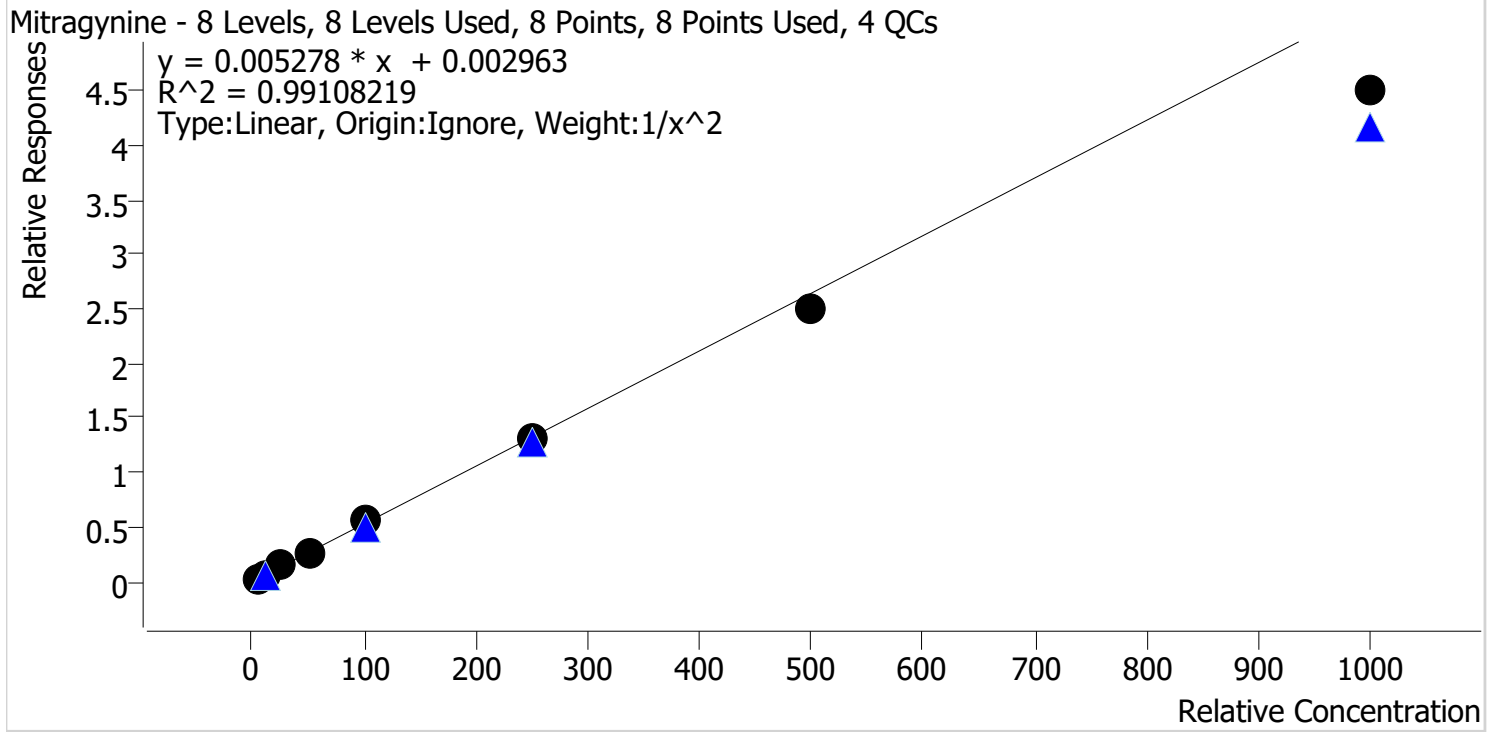
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	45.3	90.6
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	526.9	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1086.2	108.6

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



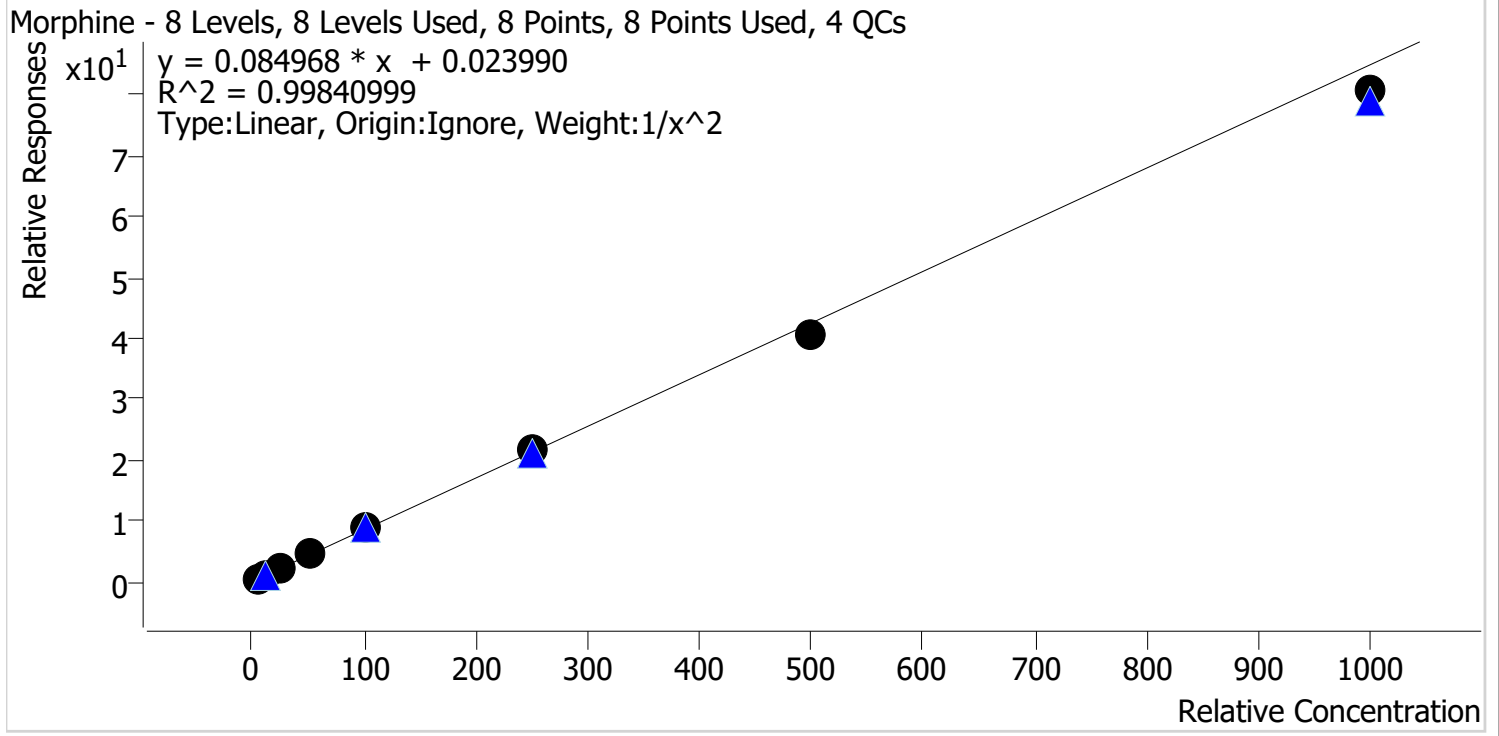
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.7	107.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	109.6	109.6
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	473.7	94.7
p1 Cal 8-1000ng	8	✓	1000.0	851.5	85.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	476.5	95.3
p1 Cal 8-1000ng	8	✓	1000.0	950.0	95.0

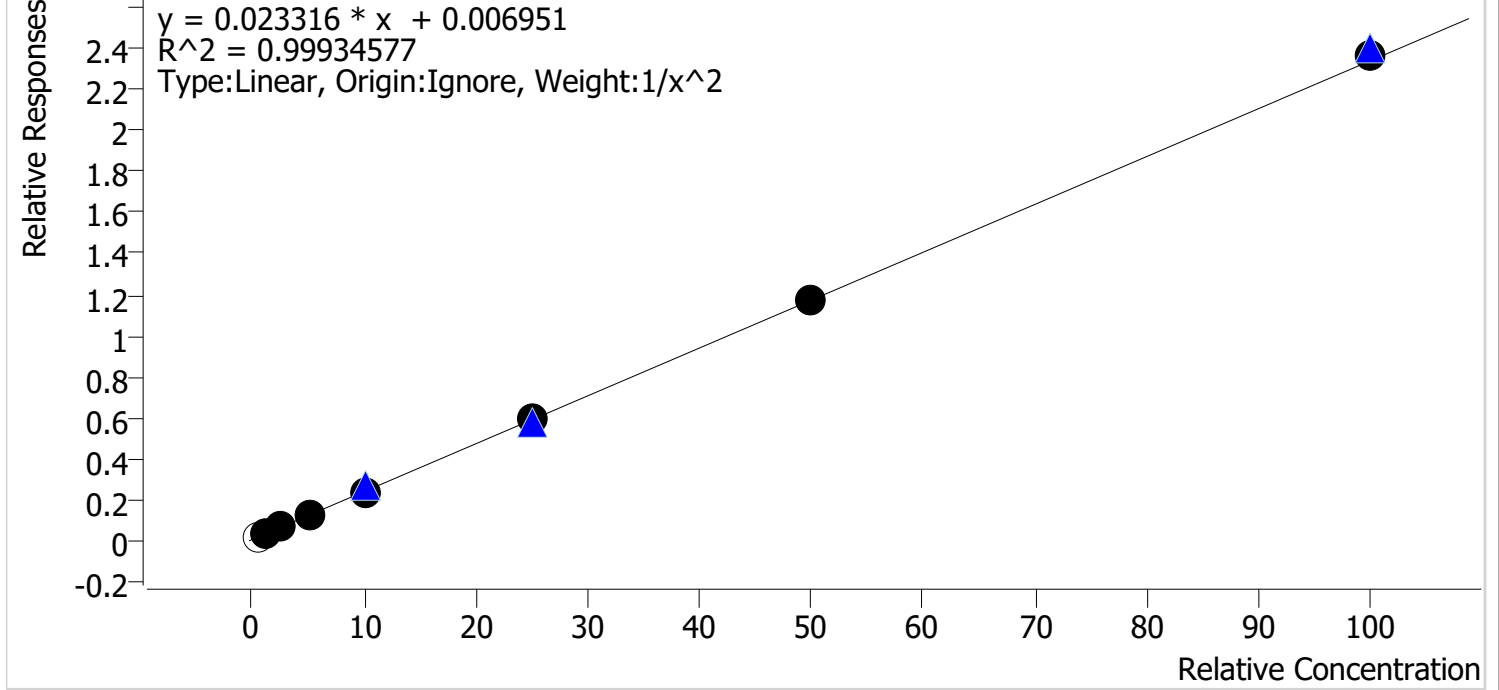
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



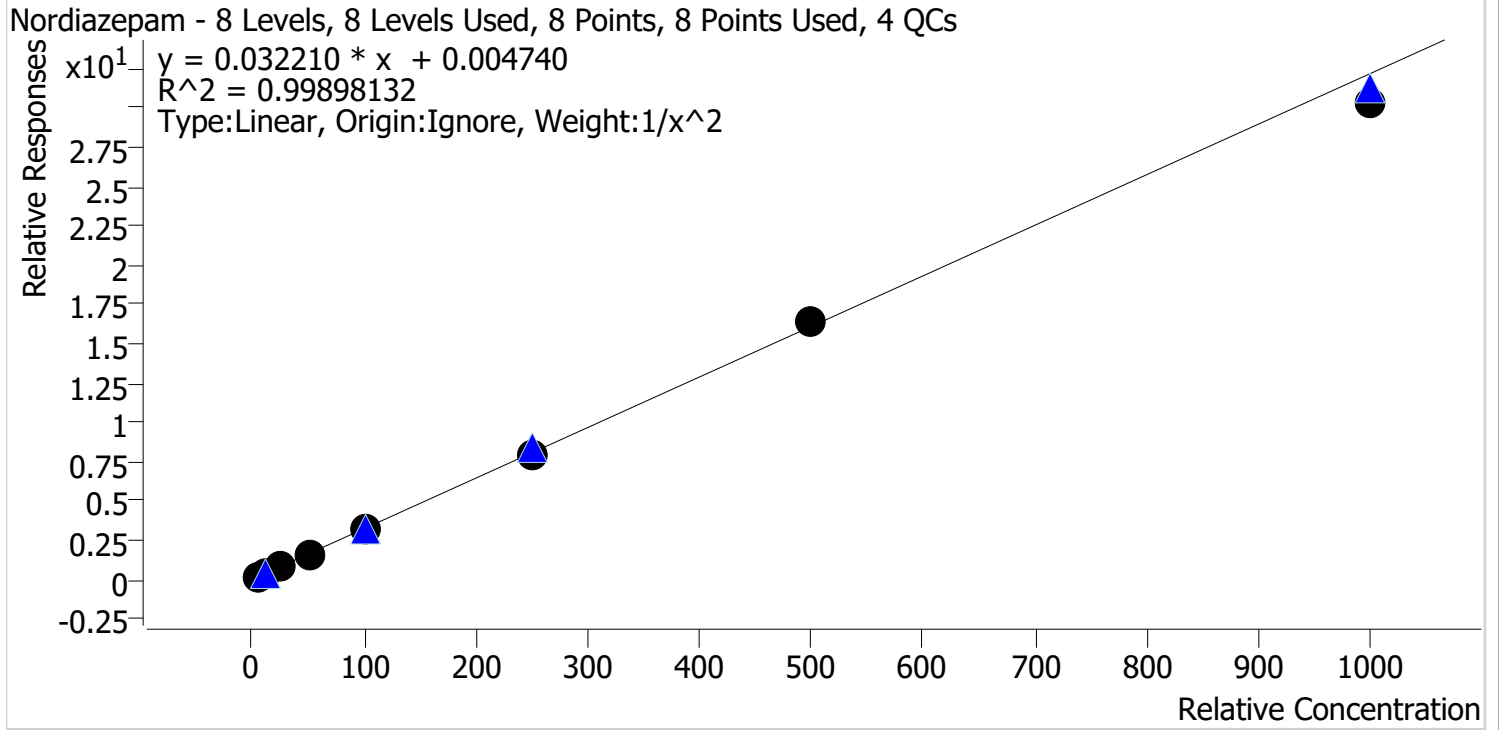
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.6	112.6
p1 Cal 2-10ng	2	✓	1.0	1.0	100.1
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.1
p1 Cal 4-50ng	4	✓	5.0	4.8	95.3
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	25.2	100.6
p1 Cal 7-500ng	7	✓	50.0	50.3	100.6
p1 Cal 8-1000ng	8	✓	100.0	101.3	101.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Nordiazepam Internal Standard Nordiazepam-D5



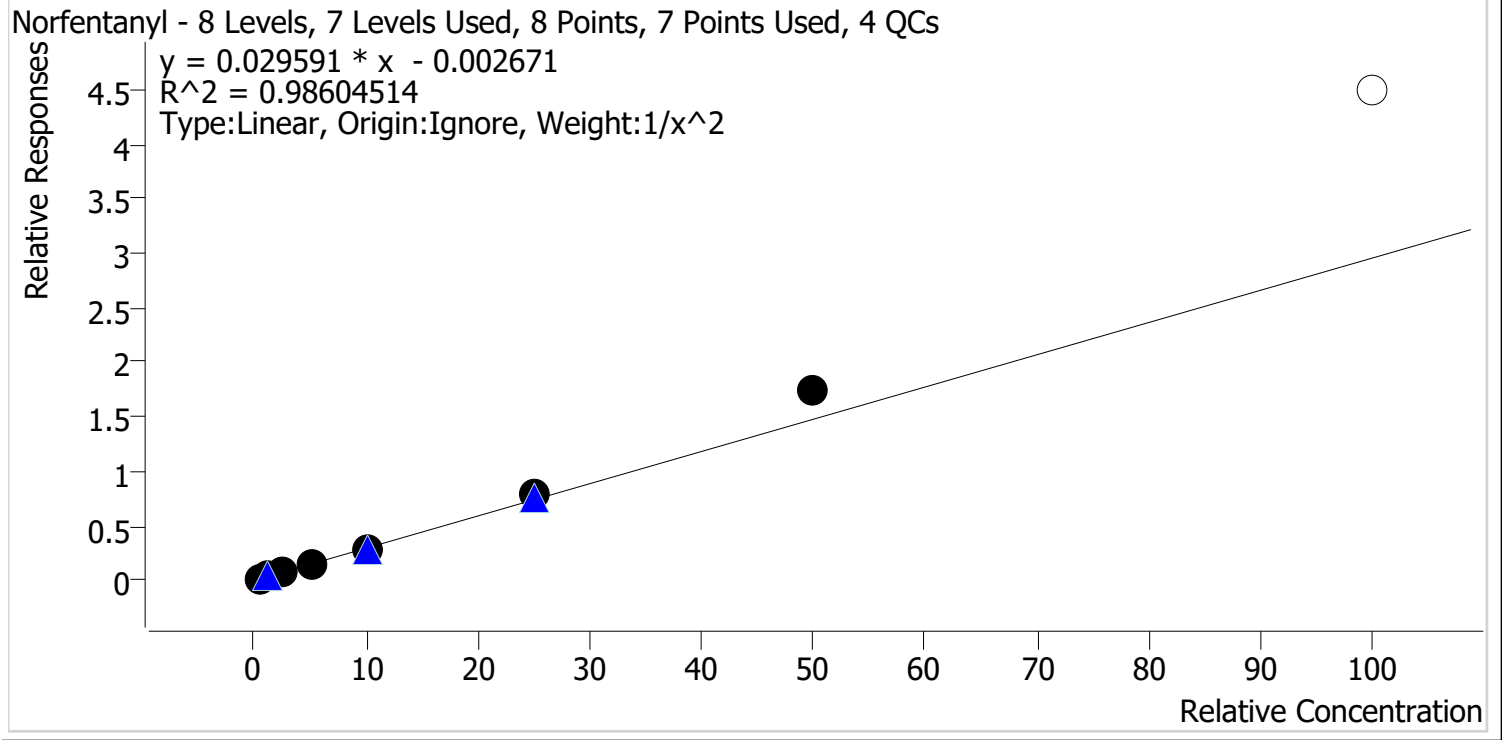
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
p1 Cal 8-1000ng	8	✓	1000.0	943.1	94.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norfentanyl Internal Standard Norfentanyl-D5



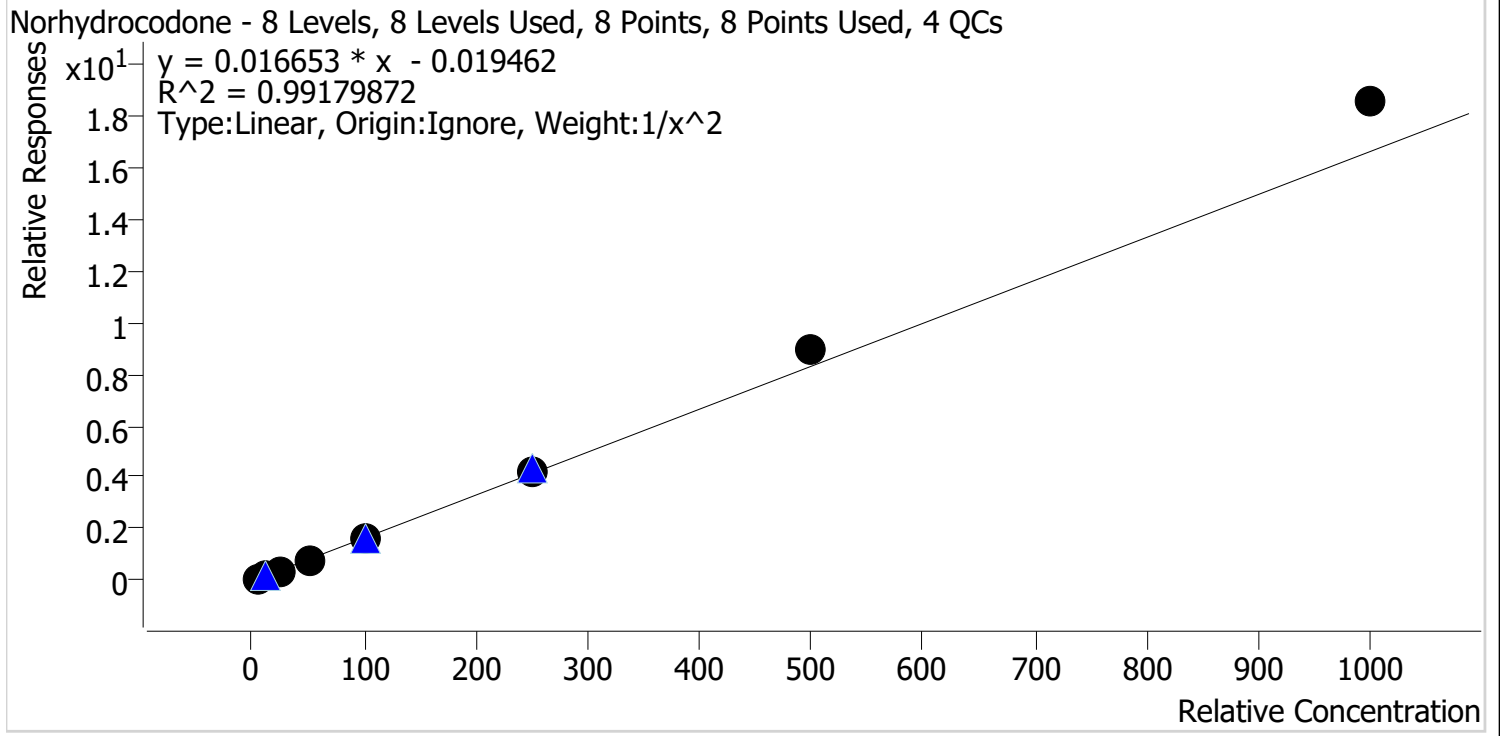
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.3
p1 Cal 2-10ng	2	✓	1.0	0.9	94.6
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.1
p1 Cal 4-50ng	4	✓	5.0	4.6	91.4
p1 Cal 5-100ng	5	✓	10.0	9.4	94.0
p1 Cal 6-250ng	6	✓	25.0	26.3	105.3
p1 Cal 7-500ng	7	✓	50.0	59.1	118.2
p1 Cal 8-1000ng	8	✗	100.0	152.0	152.0

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	105.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	22.5	90.0
p1 Cal 4-50ng	4	✓	50.0	45.9	91.8
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	543.0	108.6
p1 Cal 8-1000ng	8	✓	1000.0	1116.1	111.6

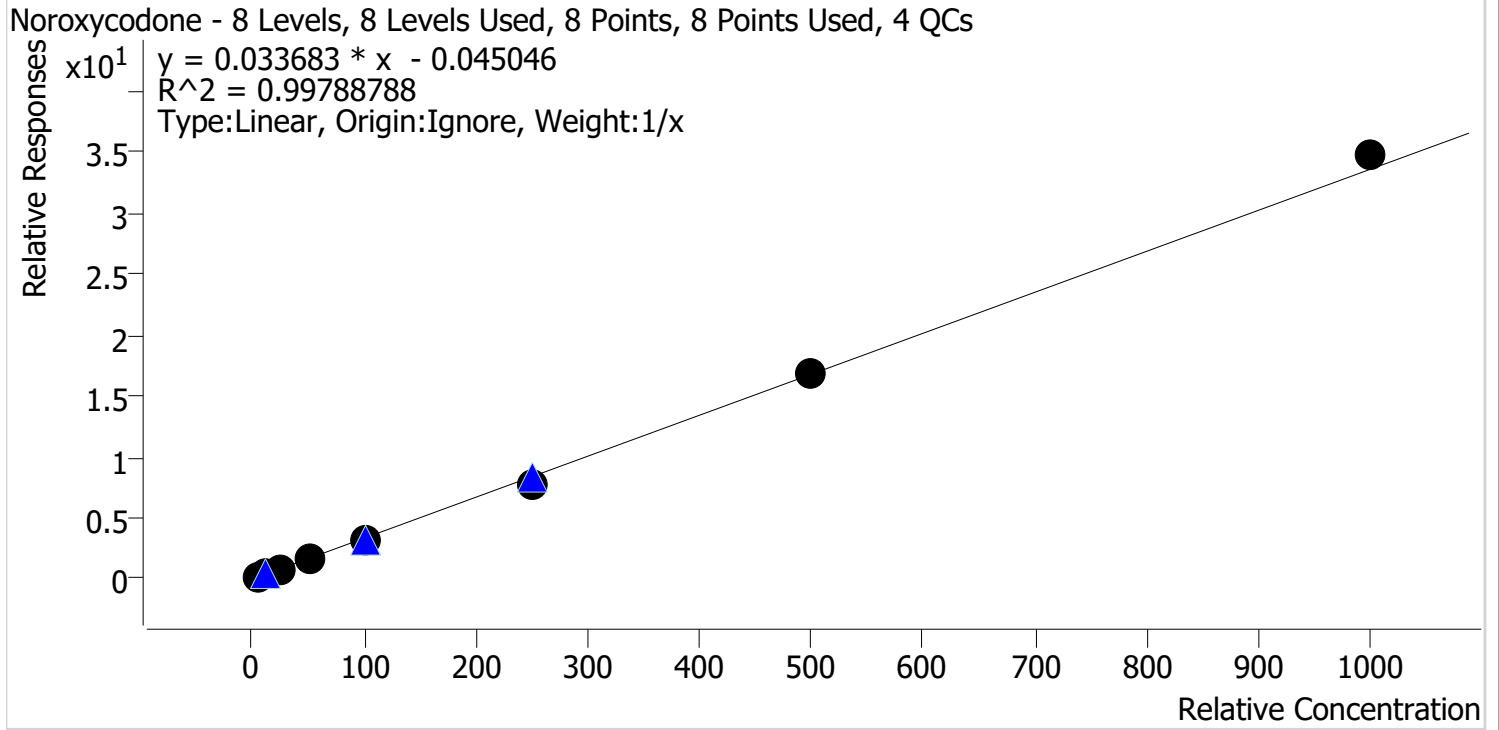


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



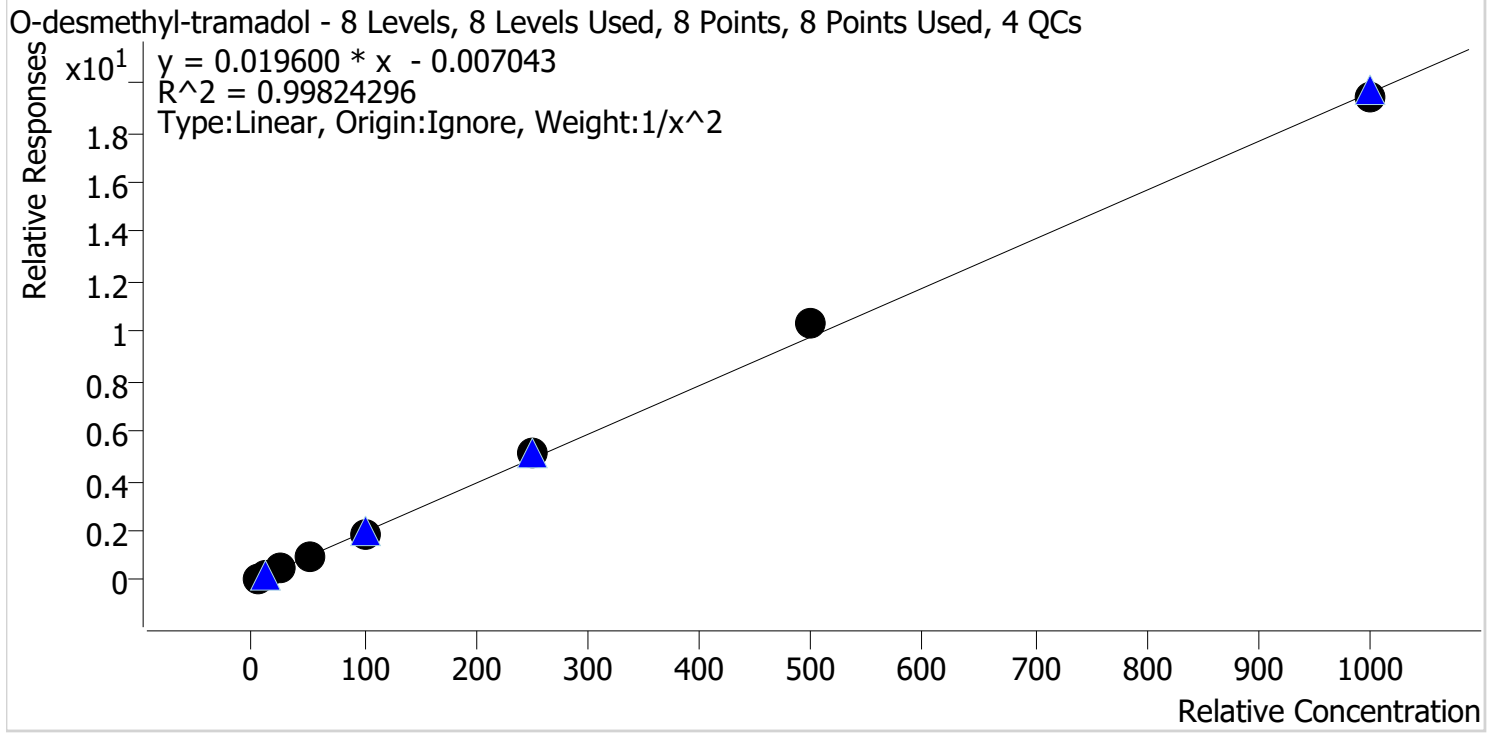
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.9	118.9
p1 Cal 2-10ng	2	✓	10.0	10.7	107.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	45.6	91.2
p1 Cal 5-100ng	5	✓	100.0	92.3	92.3
p1 Cal 6-250ng	6	✓	250.0	231.0	92.4
p1 Cal 7-500ng	7	✓	500.0	498.8	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1031.9	103.2

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	261.6	104.6
p1 Cal 7-500ng	7	✓	500.0	529.3	105.9
p1 Cal 8-1000ng	8	✓	1000.0	988.0	98.8

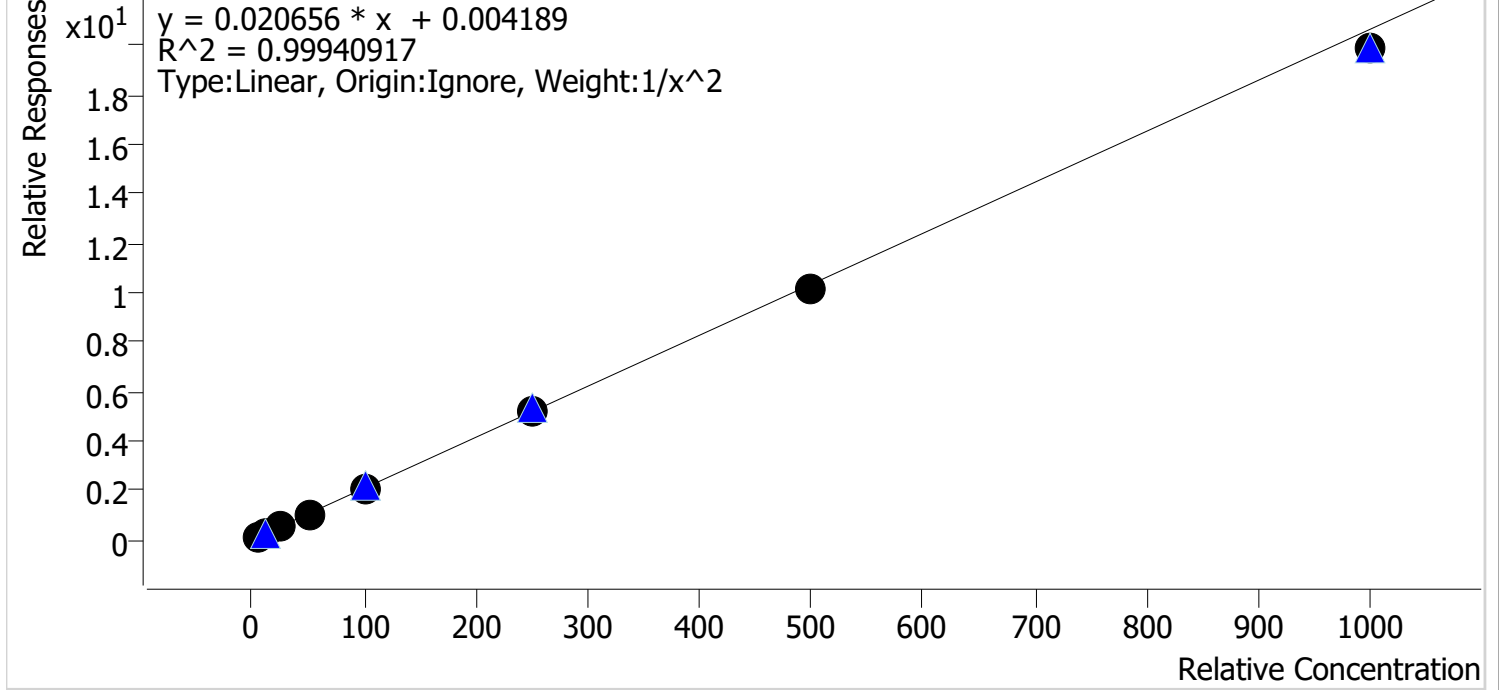
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxazepam Internal Standard Oxazepam-D5

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



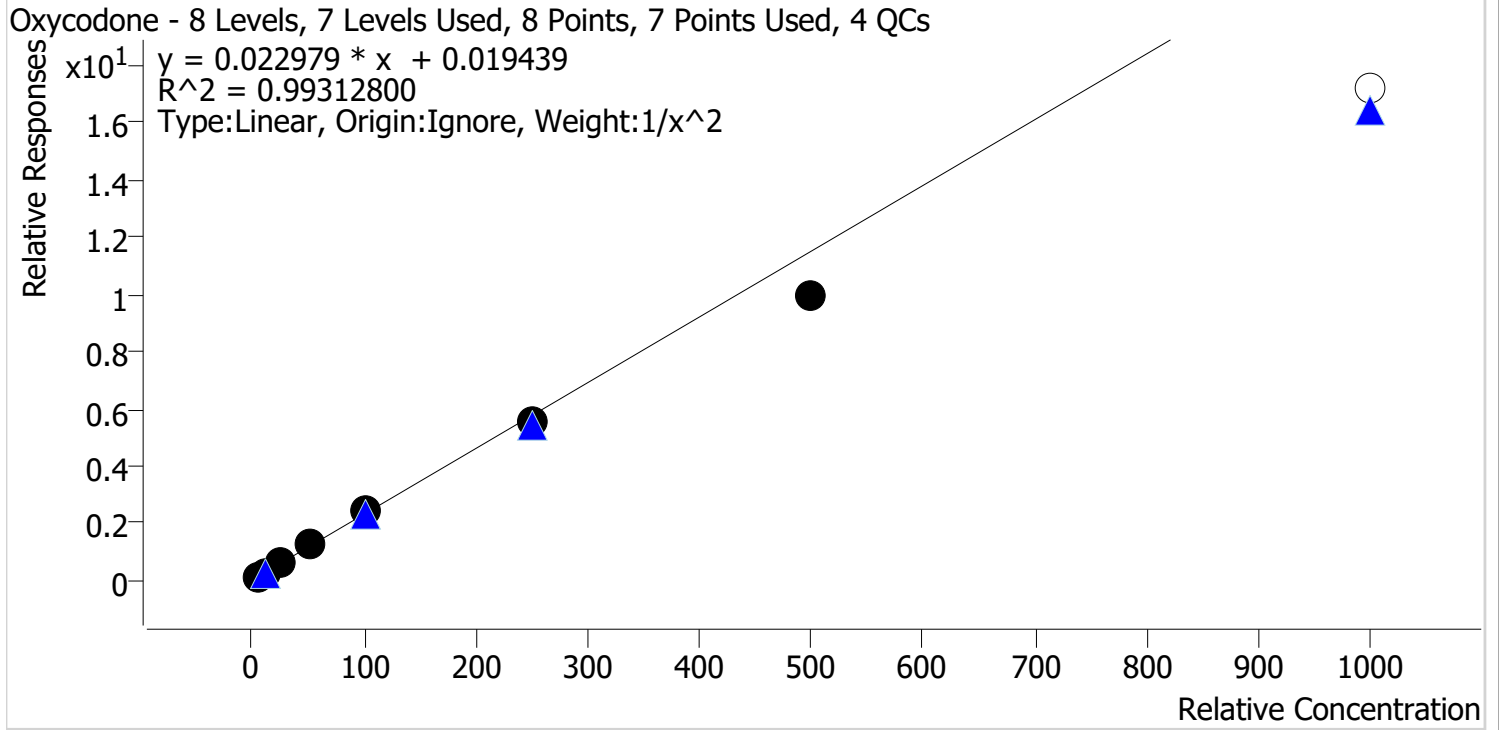
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	960.1	96.0

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6



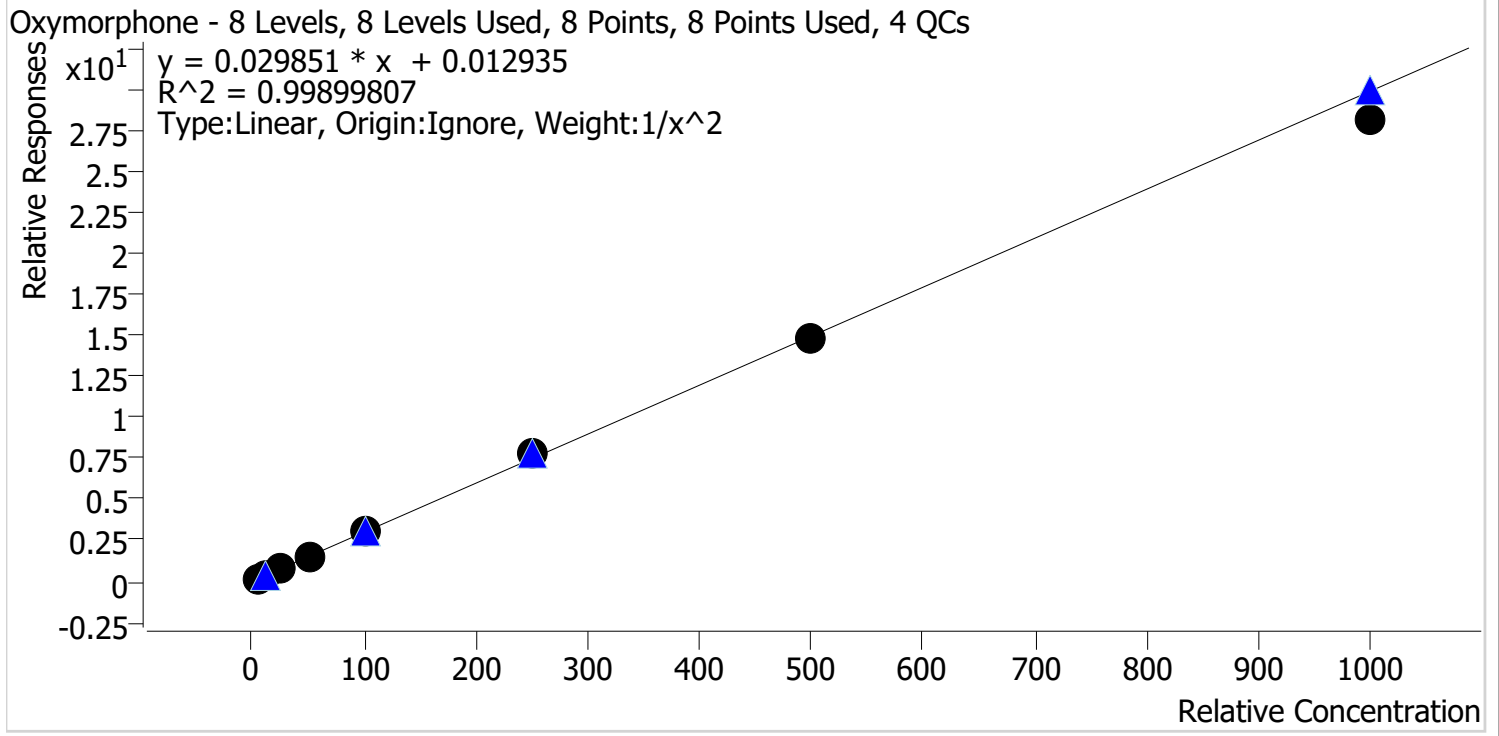
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng	7	✓	500.0	434.8	87.0
p1 Cal 8-1000ng	8	✗	1000.0	747.2	74.7

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3



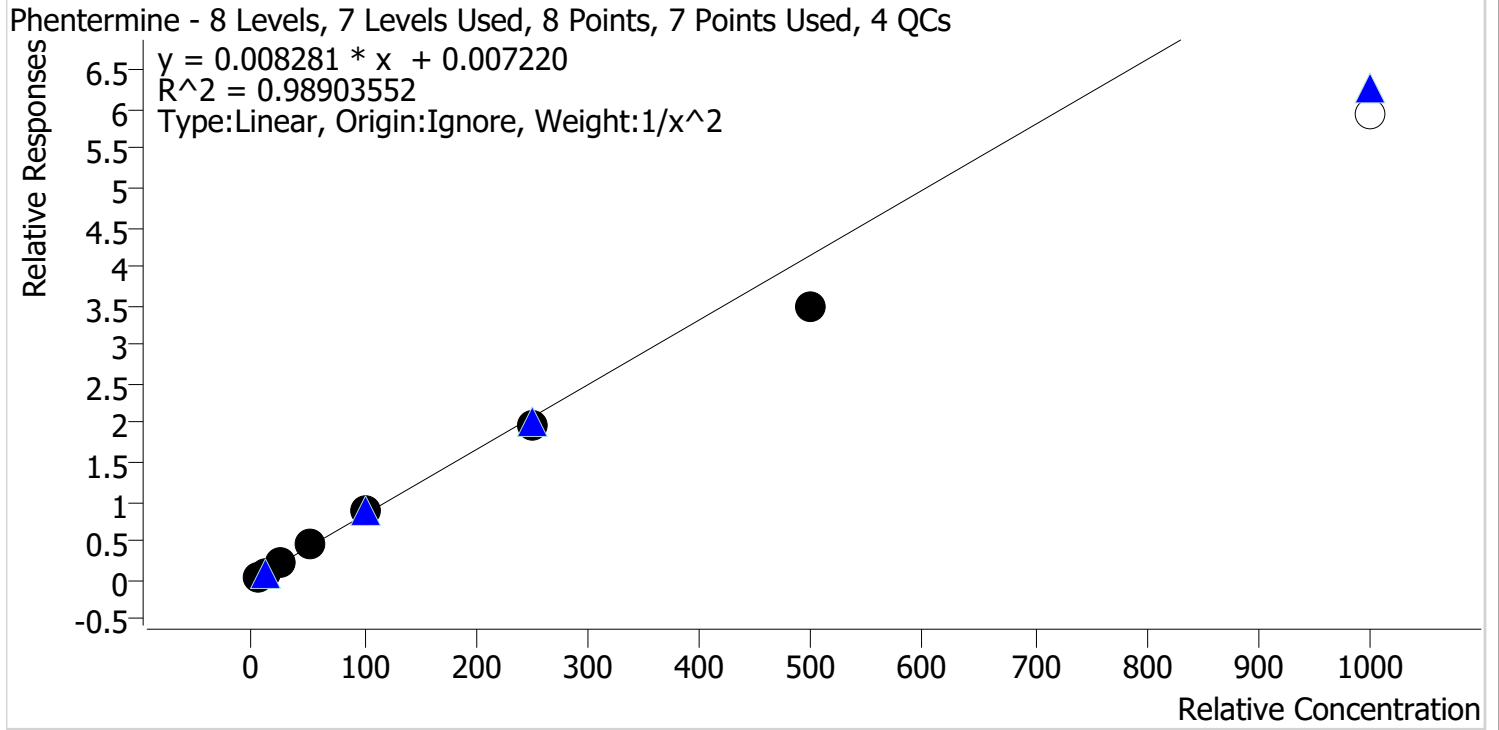
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	944.0	94.4

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	95.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	235.1	94.1
p1 Cal 7-500ng	7	✓	500.0	422.8	84.6
p1 Cal 8-1000ng	8	✗	1000.0	717.6	71.8

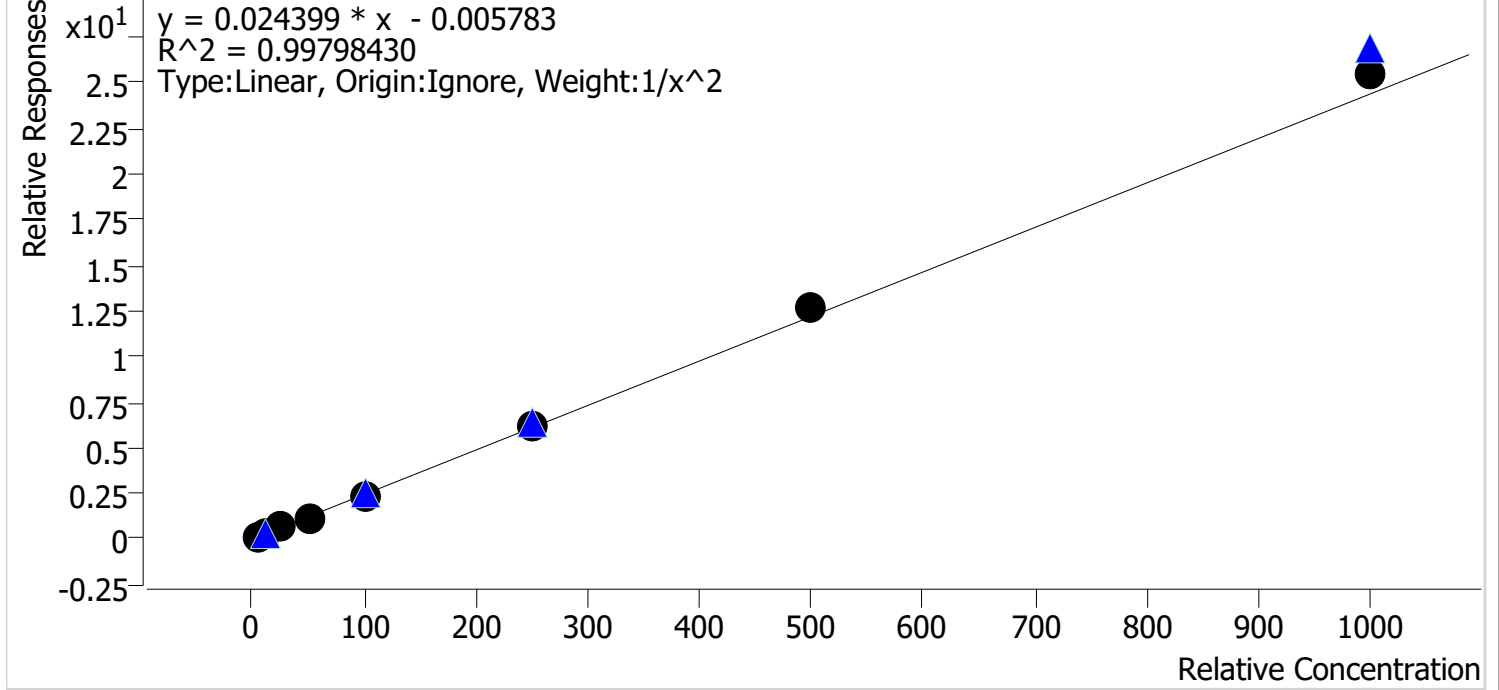
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3

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



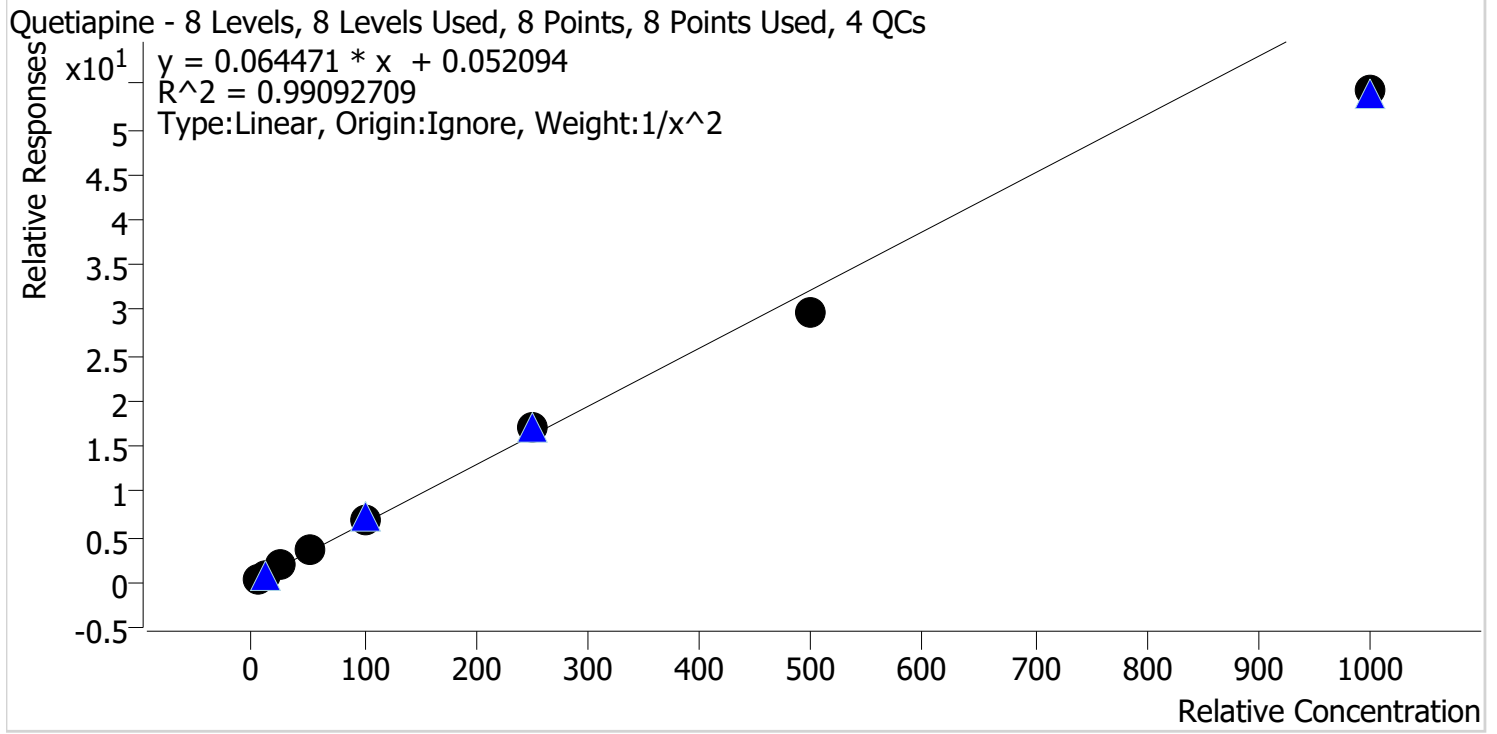
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	46.8	93.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	523.6	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1048.4	104.8

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	262.8	105.1
p1 Cal 7-500ng	7	✓	500.0	463.0	92.6
p1 Cal 8-1000ng	8	✓	1000.0	841.4	84.1

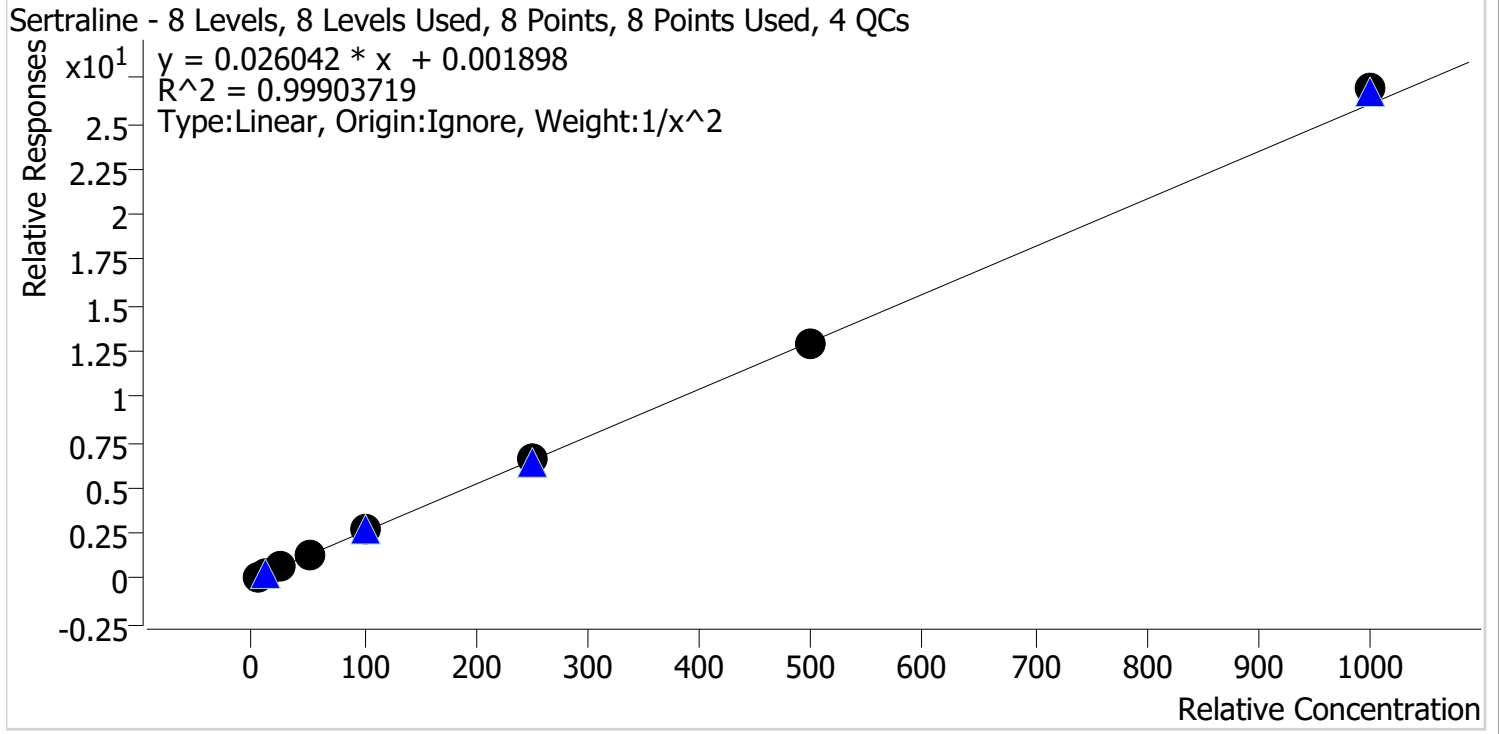


SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3



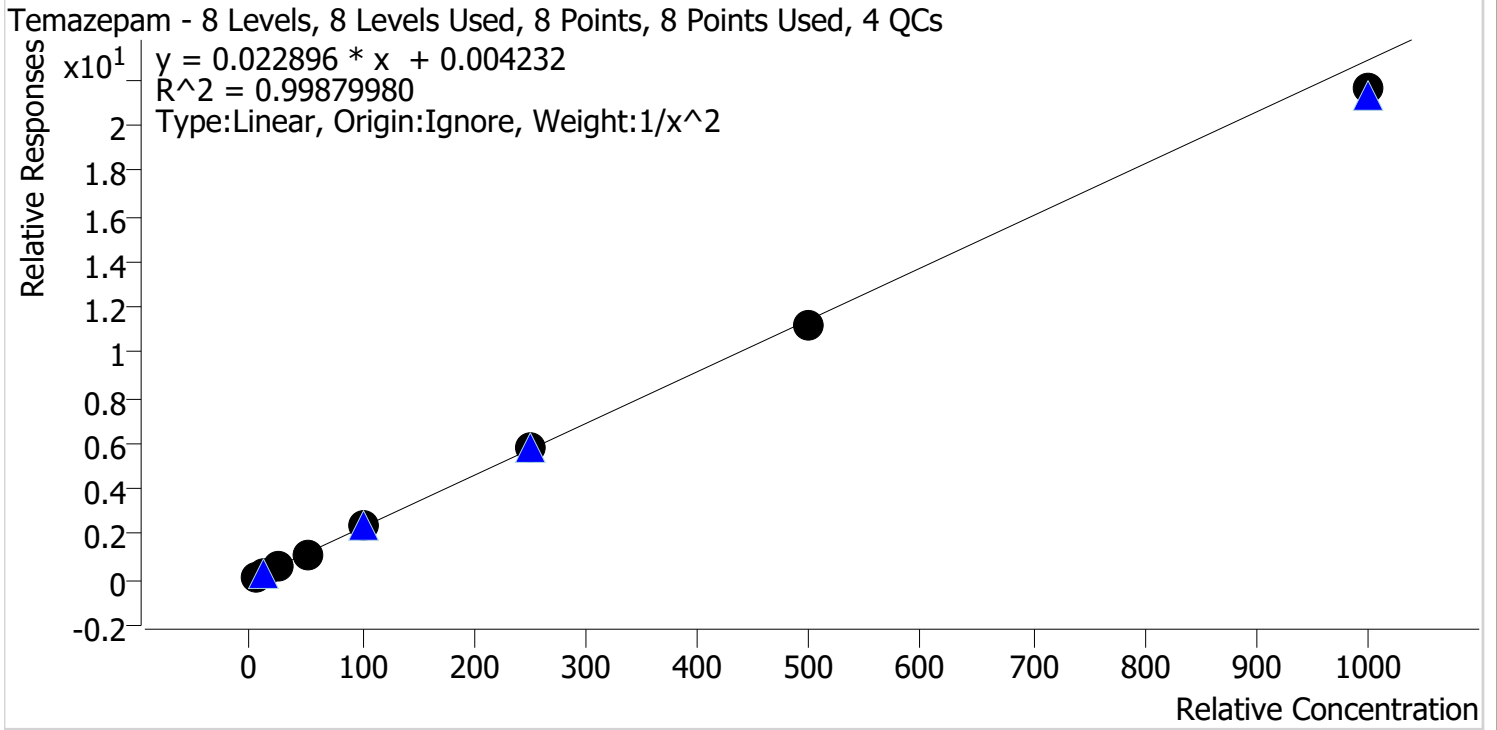
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1032.8	103.3

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



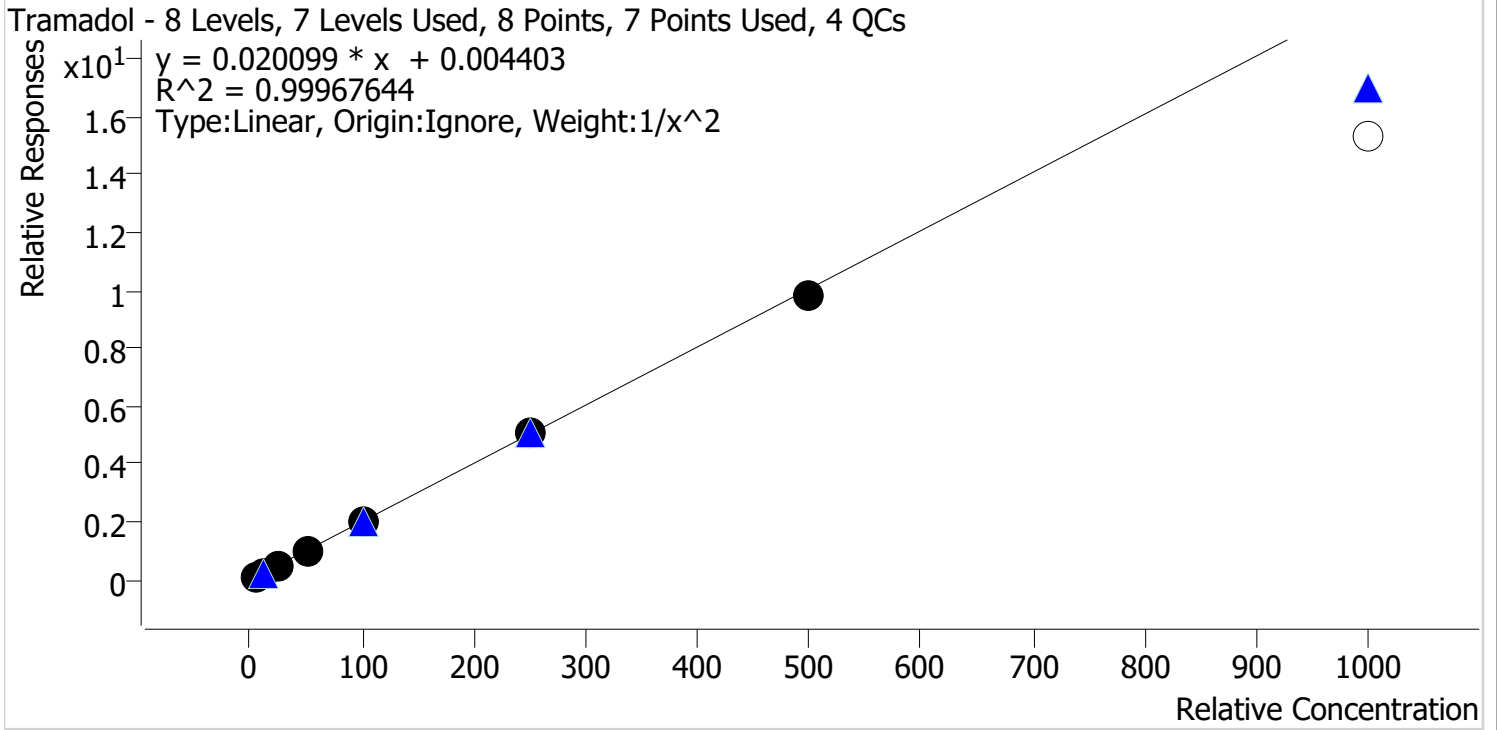
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	945.0	94.5

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 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	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	486.1	97.2
p1 Cal 8-1000ng	8	✗	1000.0	762.7	76.3

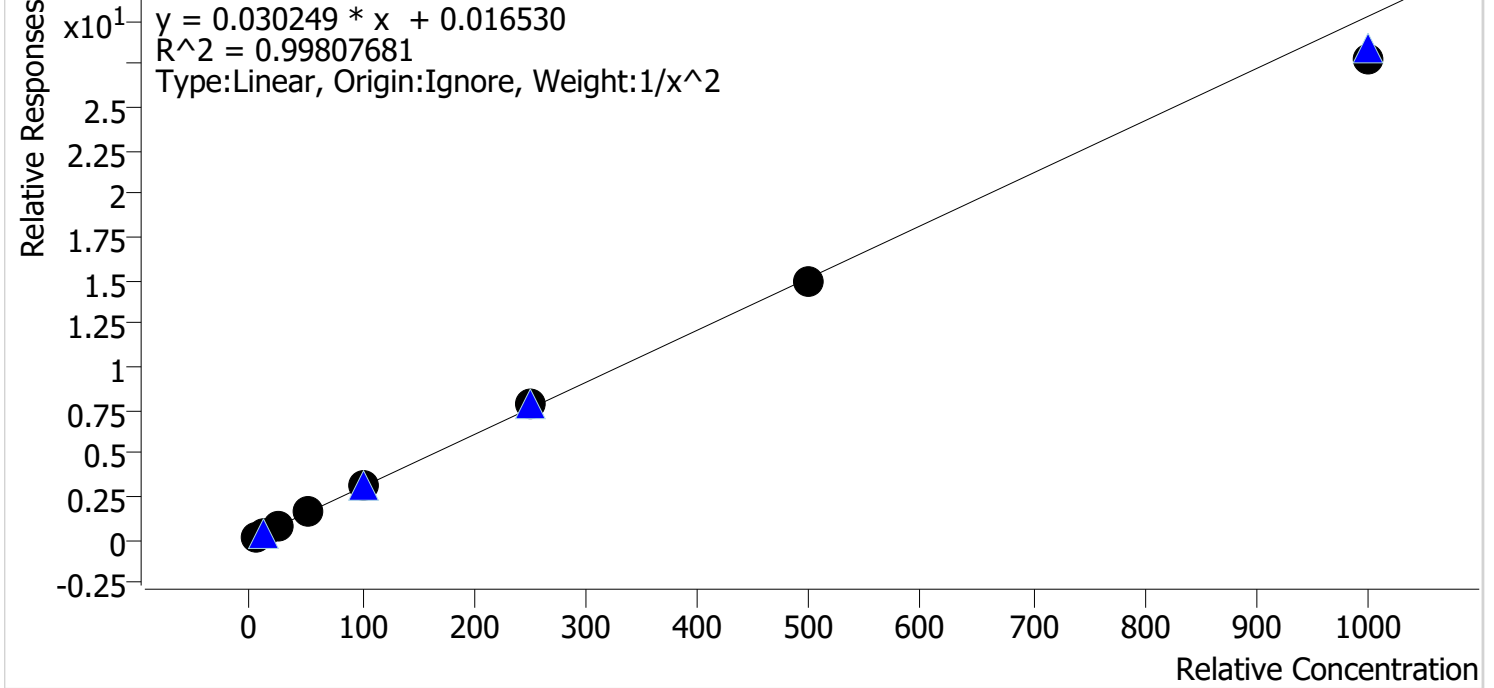
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6

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



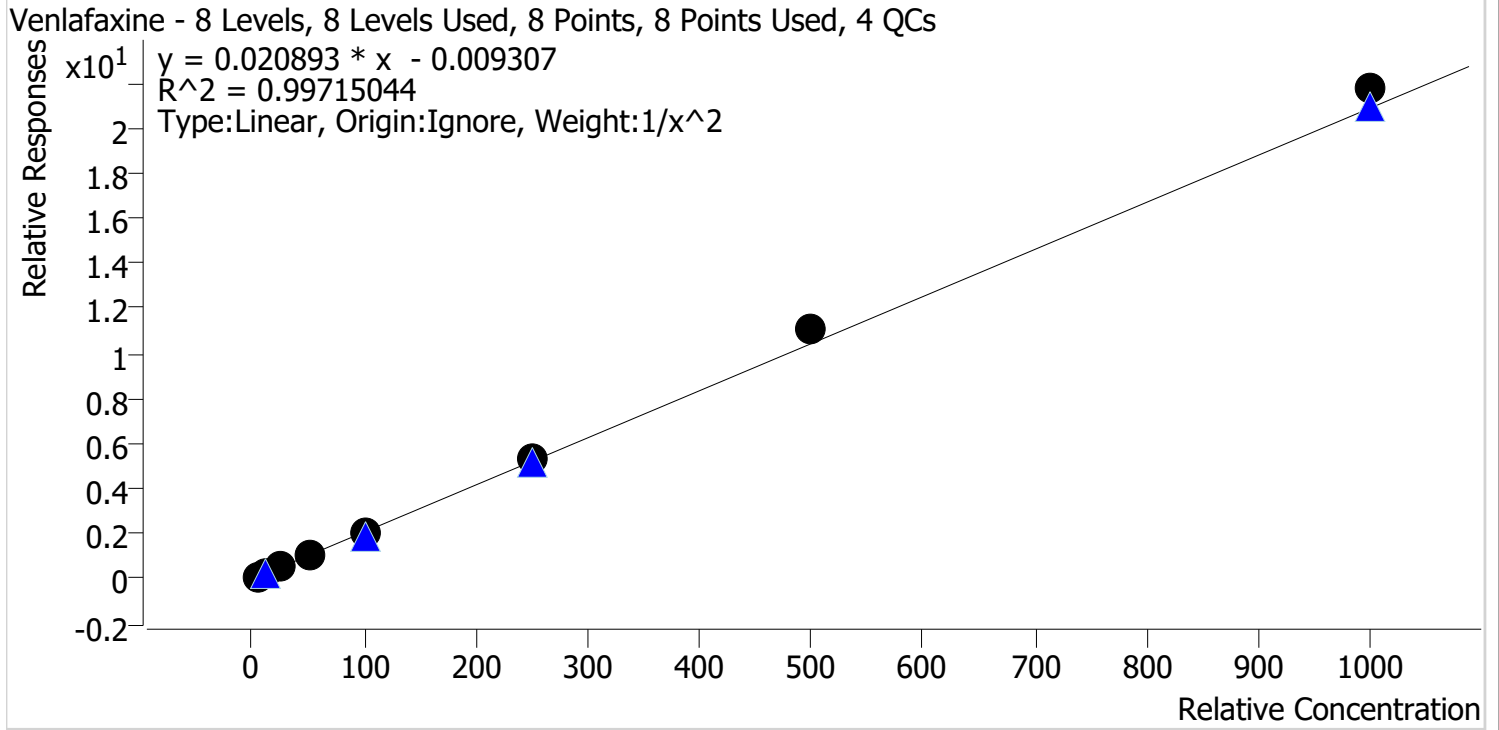
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	919.2	91.9

SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	532.5	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1041.4	104.1

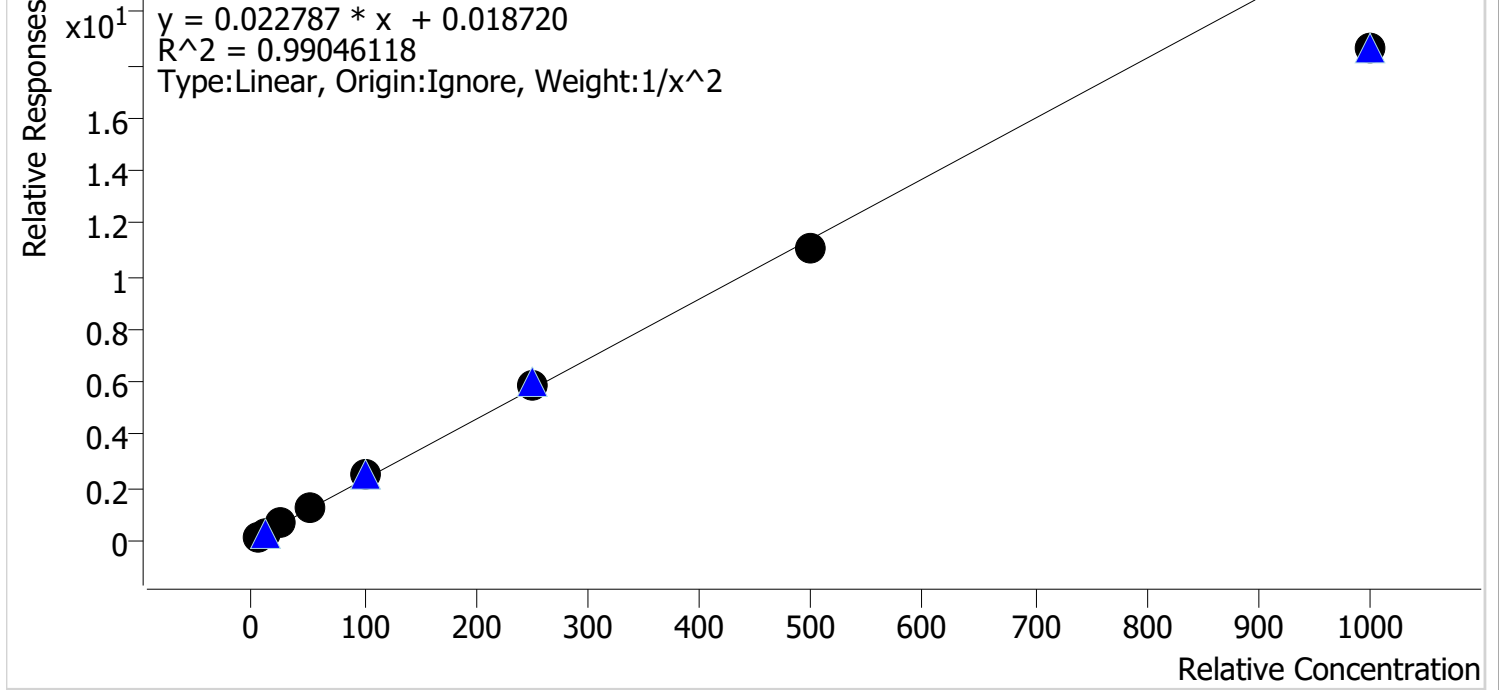
SC



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 10/21/2022 10:47 AM  
**Analyst Name** ISP\datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	108.5	108.5
p1 Cal 6-250ng	6	✓	250.0	258.9	103.5
p1 Cal 7-500ng	7	✓	500.0	482.3	96.5
p1 Cal 8-1000ng	8	✓	1000.0	816.1	81.6

SC

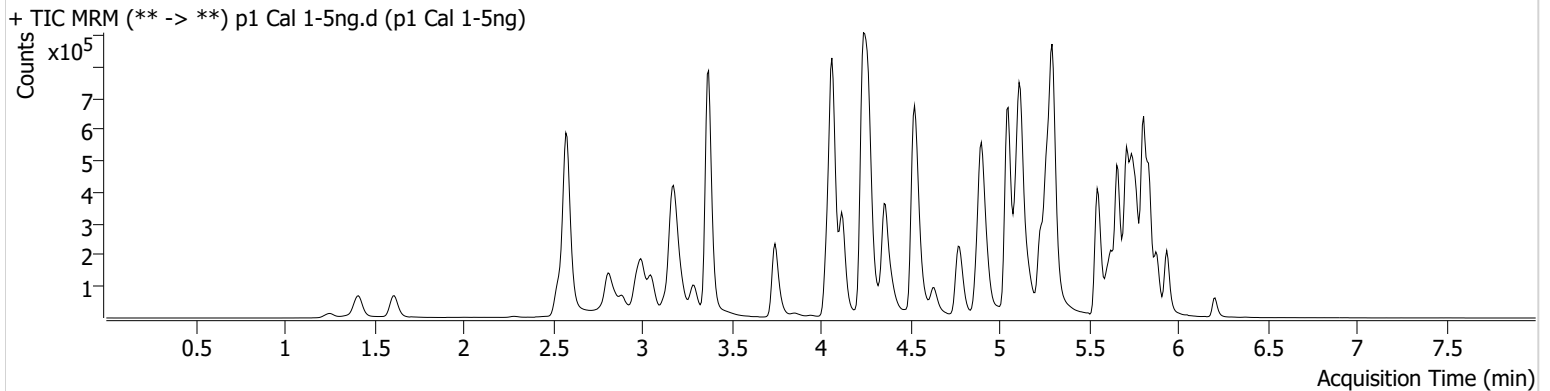


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 1-5ng.d  
**Type** Cal **Sample** p1 Cal 1-5ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-A1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 5:54:05 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	1624	266.02	81.2	719.19	92909	0.5060 ng/ml
7-aminoclonazepam	4.258	37002	594.93	70.0	55.95	313005	4.7825 ng/ml
a-hydroxyalprazolam	5.695	15576	316.79	66.3	273.48	977336	5.1812 ng/ml
alpha-PHP	4.942	24977	270.26	271.2	739.44	771454	4.7840 ng/ml
alpha-PVP	4.370	102536	1845.14	51.8	1112.33	771454	5.0701 ng/ml
Alprazolam	5.765	55671	349.97	113.9	279.82	408892	4.9599 ng/ml
Amphetamine	3.050	116652	213.57	50.8	355.28	374090	4.7934 ng/ml
Benzoylcegonine	3.877	2587	16.66	9.2	21.54	17374	6.2019 ng/ml
Buprenorphine	5.823	1753	176.25	15.3	541.51	122757	0.5099 ng/ml
Bupropion	4.792	84276	500.62	69.1	149.82	548809	4.9644 ng/ml
Carisoprodol	5.720	62663	45429.75	78.7	369.07	527911	5.1628 ng/ml
Chlordiazepoxide	5.841	32081	1083.41	45.0	272.06	688125	4.7535 ng/ml
Chlorpheniramine	5.117	135384	1809.24	0.3	17.95	1166809	5.0442 ng/ml
Citalopram	5.231	67343	456.98	32.6	45799.01	534173	5.1488 ng/ml
Clonazepam	5.607	54978	781.94	38.0	33810.94	159594	4.8107 ng/ml
Clonazolam	5.551	40446	76600.33	38.0	5971.73	159594	4.8595 ng/ml
Cocaine	4.264	66497	223.68	58.6	192.32	1146594	5.0753 ng/ml
Codeine	2.586	9602	2264.75	93.7	671.22	88495	4.7836 ng/ml
Cyclobenzaprine	5.631	34090	40369.87	7.8	102.37	289952	5.0962 ng/ml
Dextromethorphan	5.275	35404	603.43	83.3	2793.77	322535	5.0274 ng/ml
Dextrorphan	4.124	30485	1980.20	194.1	926.64	599608	5.0061 ng/ml
Diazepam	5.944	38867	1128.16	90.2	972.86	333975	4.9991 ng/ml
Dihydrocodeine	2.565	22329	442.33	70.6	1332.44	274063	4.7693 ng/ml
Diphenhydramine	5.303	172736	71.71	33.0	99.02	1589027	5.1405 ng/ml
Doxylamine	4.545	195135	1085.31	97.0	1456.47	1804195	5.0356 ng/ml
Duloxetine	5.657	2384	512.49	16.6	19.37	25612	4.8640 ng/ml
EDDP	5.268	75658	300.16	39.9	279.15	721749	5.1129 ng/ml
Etizolam	5.810	32052	7234.33	25.8	936.37	159594	5.1395 ng/ml
Fentanyl	5.108	5298	127.98	74.5	28.49	559406	0.4806 ng/ml
Flualprazolam	5.701	28886	417.31	109.7	1802.99	408892	4.7286 ng/ml
Fluoxetine	5.710	35196	2244.30	7.6	2648.29	228664	5.1522 ng/ml
Hydrocodone	3.026	38110	61.65	39.5	40.77	382988	4.8256 ng/ml
Hydromorphone	1.622	31352	1163.24	80.4	4178.77	198093	5.0196 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.707	56408	947.07	73.2	299.10	322535	5.0175 ng/ml
Ketamine	4.050	72084	5531.24	33.1	192.23	580576	4.8108 ng/ml
Lamotrigine	4.281	7169	246.74	81.8	112.19	1520538	4.8241 ng/ml
Lorazepam	5.743	43372	207.52	53.1	50.37	581966	4.8576 ng/ml
MDA	3.205	108519	268.25	37.4	108.07	664034	4.7163 ng/ml
MDMA	3.298	55303	12112.40	128.4	1166.96	137076	4.9477 ng/ml
Meprobamate	4.901	47912	29647.74	31.7	187.63	443300	4.7825 ng/ml
Methadone	5.662	95311	806.69	64.6	352.66	784335	5.1033 ng/ml
Methamphetamine	3.226	85423	2503.63	37.7	721.44	680684	4.8276 ng/ml
Metoprolol	4.327	21239	930.90	107.7	532.19	1666417	4.9015 ng/ml
Mirtazapine	4.634	126110	2803.94	56.5	1177.39	771454	5.1205 ng/ml
Mitragynine	5.243	21866	358.45	34.8	5372.65	784335	4.7202 ng/ml
Morphine	1.261	5095	168.01	28.3	107.51	11504	4.9308 ng/ml
Norbuprenorphine	5.004	453	1926.40	74.8 <b>Low</b>	459.24	22561	0.5629 ng/ml
Nordiazepam	5.884	44629	1127.53	53.2	∞	272230	4.9424 ng/ml
Norfentanyl	4.085	16778	102.63	38.3	13.01	1299213	0.5267 ng/ml
Norhydrocodone	3.074	7752	151.15	43.9	71.31	114014	5.2514 ng/ml
Noroxycodone	2.917	26410	274.76	48.4	464.08	170117	5.9464 ng/ml
O-desmethyl-tramadol	3.372	175352	1308.76	6.1	936.25	1892561	5.0865 ng/ml
o-desmethylvenlafaxine	4.069	258183	∞	14.4	326.01	341510	5.1793 ng/ml
Olanzapine	4.475	13646	12738.88	64.9	803.39	68168	5.0999 ng/ml
Oxazepam	5.746	62224	113.77	68.5	59.37	581966	4.9735 ng/ml
Oxycodone	2.842	62608	471.92	31.3	116.35	477818	4.8563 ng/ml
Oxymorphone	1.418	34987	122.91	50.2	∞	218859	4.9220 ng/ml
Phentermine	3.780	30086	89.53	6.7	66.32	643394	4.7747 ng/ml
Promethazine	5.547	69819	263.83	31.5	533.19	586614	5.1151 ng/ml
Pseudoephedrine	2.589	158679	311.53	19.8	3414.34	1520538	5.1755 ng/ml
Quetiapine	5.564	75744	2226.83	58.6	48901.29	209198	4.8079 ng/ml
Sertraline	5.779	10264	111.51	101.8	13481.58	77929	4.9847 ng/ml
Temazepam	5.813	115876	266.24	24.8	55.40	977336	4.9934 ng/ml
Tramadol	4.246	175358	108.78	3.0	33.84	1666417	5.0165 ng/ml
Trazodone	5.161	93967	96521.33	65.3	530.24	563845	4.9629 ng/ml
Venlafaxine	5.049	153137	271.52	33.4	209.57	1561702	5.1387 ng/ml
Zolpidem	4.918	155430	1074.44	25.6	66490.76	1199198	4.8664 ng/ml



SC

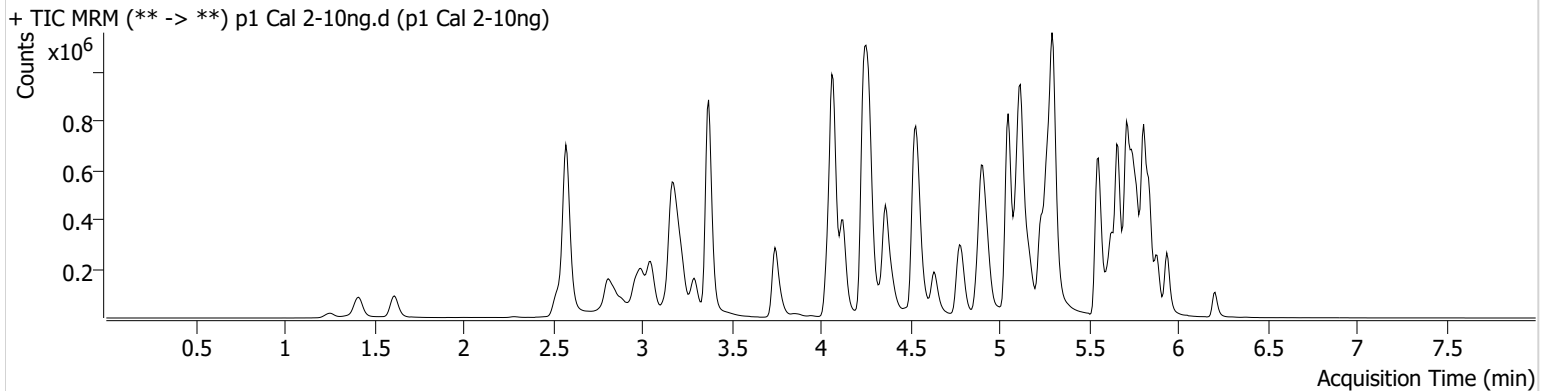


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 2-10ng.d  
**Type** Cal **Sample** p1 Cal 2-10ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-B1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 6:04:53 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	3306	599.62	68.1	2679.16	94898	0.9871 ng/ml
7-aminoclonazepam	4.265	76206	296.55	65.4	83.80	321943	10.4762 ng/ml
a-hydroxyalprazolam	5.695	28195	245.86	70.1	267.88	1021137	9.2207 ng/ml
alpha-PHP	4.941	55606	1798.63	261.2	1342.99	816353	10.4884 ng/ml
alpha-PVP	4.370	218972	1520.54	51.8	308.76	816353	9.9473 ng/ml
Alprazolam	5.772	115434	377.29	102.0	2751.16	405868	10.2288 ng/ml
Amphetamine	3.050	291373	379.26	50.3	2191.01	472009	10.4262 ng/ml
Benzoylecgonine	3.877	5770	43.86	7.2	53.90	17807	11.2778 ng/ml
Buprenorphine	5.823	4322	229.77	18.2	720.15	155352	0.9785 ng/ml
Bupropion	4.792	191058	13498.80	69.6	306.74	615812	10.0613 ng/ml
Carisoprodol	5.720	122290	502.36	74.6	614.46	499664	9.8335 ng/ml
Chlordiazepoxide	5.841	66909	2410.17	39.1	334.47	714110	10.4845 ng/ml
Chlorpheniramine	5.124	311619	3084.61	0.4	24.49	1343715	9.8955 ng/ml
Citalopram	5.231	162223	465.09	31.7	564.33	672244	9.5874 ng/ml
Clonazepam	5.607	105014	7904.93	38.3	182.07	155844	10.2571 ng/ml
Clonazolam	5.551	79524	46091.38	40.0	50536.45	155844	10.3362 ng/ml
Cocaine	4.271	134977	1022.48	60.1	230.47	1198664	9.8687 ng/ml
Codeine	2.586	18363	190.69	100.3	50704.85	88830	10.0935 ng/ml
Cyclobenzaprine	5.631	106585	61355.02	7.8	92.23	450747	9.7947 ng/ml
Dextromethorphan	5.275	87288	106636.03	84.5	89365.41	395674	10.0409 ng/ml
Dextrorphan	4.124	67406	579.73	191.7	286.94	639240	10.1480 ng/ml
Diazepam	5.944	79305	204.72	92.0	237.17	355541	9.8071 ng/ml
Dihydrocodeine	2.558	44583	1547.85	71.5	497.51	275523	10.3110 ng/ml
Diphenhydramine	5.303	401472	227.81	33.2	7816.08	1860340	9.7422 ng/ml
Doxylamine	4.545	405824	15462.74	97.1	22526.84	1891249	9.8733 ng/ml
Duloxetine	5.657	9495	314.98	14.1	983.61	45898	10.5144 ng/ml
EDDP	5.268	148333	9736.58	40.7	302.53	736045	9.7245 ng/ml
Etizolam	5.810	64005	35993.52	26.6	10060.08	155844	9.9158 ng/ml
Fentanyl	5.108	14753	131.26	59.7	71064.44	724015	1.0427 ng/ml
Flualprazolam	5.701	56158	1166.54	101.2	542.31	405868	10.5741 ng/ml
Fluoxetine	5.717	118156	97396.19	7.4	197.94	391821	9.7428 ng/ml
Hydrocodone	3.026	75972	270.52	40.5	473.38	395301	10.2073 ng/ml
Hydromorphone	1.622	64162	255023.43	80.0	4754.15	203257	9.9721 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	154688	2005.87	75.6	624.75	395674	10.4040 ng/ml
Ketamine	4.057	143893	708.81	32.8	251.06	599959	10.2968 ng/ml
Lamotrigine	4.287	14659	381.16	91.2	2171.17	1587567	10.1262 ng/ml
Lorazepam	5.743	83359	370.70	56.2	97.44	589187	10.1992 ng/ml
MDA	3.205	229380	1484.47	36.6	243.14	697059	10.6054 ng/ml
MDMA	3.298	118227	12375.03	121.6	1342.74	140944	10.1892 ng/ml
Meprobamate	4.908	93371	345.07	30.8	238.90	449549	10.3482 ng/ml
Methadone	5.662	237681	5975.14	63.1	1410.26	969464	9.9153 ng/ml
Methamphetamine	3.226	270536	870.12	37.8	208.23	1074041	10.4431 ng/ml
Metoprolol	4.334	43967	55193.36	100.6	974.40	1746424	10.2249 ng/ml
Mirtazapine	4.634	276375	14390.05	56.7	42545.87	816353	9.9031 ng/ml
Mitragynine	5.243	57853	702.78	33.3	31149.98	969464	10.7443 ng/ml
Morphine	1.261	10318	3568.97	30.7	604.94	11770	10.0346 ng/ml
Norbuprenorphine	5.004	782	1081.47	115.4	30.60	25816	1.0006 ng/ml
Nordiazepam	5.884	94881	15345.23	52.9	755.08	285496	10.1706 ng/ml
Norfentanyl	4.085	35178	540.00	36.2	22.30	1389016	0.9461 ng/ml
Norhydrocodone	3.074	15747	101.47	38.8	69.31	112662	9.5621 ng/ml
Noroxycodone	2.917	54251	462.90	50.4	2720.62	171265	10.7417 ng/ml
O-desmethyl-tramadol	3.379	355670	643.67	6.0	417.90	1914550	9.8374 ng/ml
o-desmethylvenlafaxine	4.076	523586	17903.91	15.0	292.52	347148	9.6913 ng/ml
Olanzapine	4.482	35460	612.04	69.0	727.92	92329	9.6987 ng/ml
Oxazepam	5.746	123978	2320.97	69.2	449.79	589187	9.9843 ng/ml
Oxycodone	2.842	127050	1084.21	32.2	477.24	501395	10.1813 ng/ml
Oxymorphone	1.418	69663	1184.27	49.9	∞	219447	10.2011 ng/ml
Phentermine	3.780	72678	259.44	7.1	57.33	777147	10.4209 ng/ml
Promethazine	5.554	198245	1213.35	31.8	201.47	858101	9.7057 ng/ml
Pseudoephedrine	2.583	328803	9316.95	19.9	3902.84	1587567	9.6663 ng/ml
Quetiapine	5.564	172055	13077.91	58.7	127780.92	240580	10.2848 ng/ml
Sertraline	5.779	36474	852.07	91.9	175.74	137017	10.1493 ng/ml
Temazepam	5.813	235210	333.71	25.5	111.94	1021137	9.8753 ng/ml
Tramadol	4.253	355923	137.13	3.6	73.45	1746424	9.9207 ng/ml
Trazodone	5.161	226651	12901.32	65.7	12797.63	710786	9.9952 ng/ml
Venlafaxine	5.049	331371	1167.78	33.0	677.96	1699105	9.7800 ng/ml
Zolpidem	4.925	307831	60578.61	26.4	462.88	1234130	10.1247 ng/ml

SC

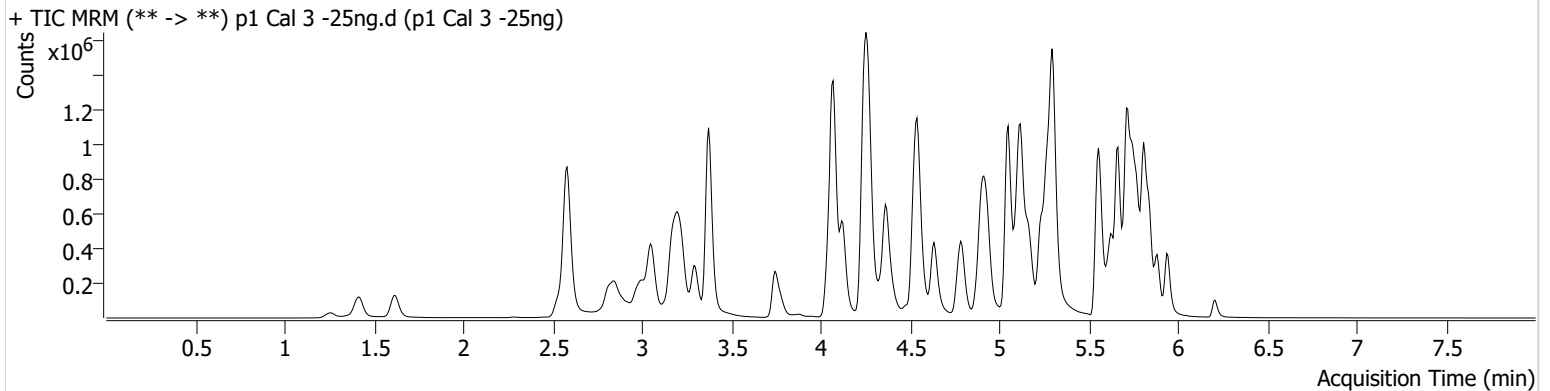


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 3 -25ng.d  
**Type** Cal **Sample** p1 Cal 3 -25ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-C1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 6:15:30 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	8182	1205.36	72.1	14727.90	95549	2.3949 ng/ml
7-aminoclonazepam	4.265	183826	314.09	68.1	135532.54	323461	26.4106 ng/ml
a-hydroxyalprazolam	5.695	70471	351.41	68.3	∞	956722	25.1531 ng/ml
alpha-PHP	4.942	142096	1305.38	256.4	6179.43	825786	27.0815 ng/ml
alpha-PVP	4.370	548199	14296.63	52.7	856.99	825786	24.2063 ng/ml
Alprazolam	5.772	283326	4801.86	103.8	1073.34	408810	24.7511 ng/ml
Amphetamine	3.050	646757	8207.29	50.4	367.19	425645	27.0616 ng/ml
Benzoylcegonine	3.877	12232	1395.96	8.8	65.49	16515	23.3560 ng/ml
Buprenorphine	5.830	10980	718.79	13.6	2203.60	155733	2.4556 ng/ml
Bupropion	4.792	471709	842.98	68.8	4126.22	604326	25.3593 ng/ml
Carisoprodol	5.720	285752	265859.48	71.7	1280.14	469000	23.3418 ng/ml
Chlordiazepoxide	5.841	163674	2261.44	41.1	700.49	714169	26.9789 ng/ml
Chlorpheniramine	5.124	790835	3182.05	0.3	69.65	1349135	24.7273 ng/ml
Citalopram	5.231	416768	440.78	31.3	368.97	667246	24.3498 ng/ml
Clonazepam	5.607	259336	724.44	38.4	419.21	156483	26.5199 ng/ml
Clonazolam	5.551	193188	272814.57	40.2	83084.79	156483	25.7798 ng/ml
Cocaine	4.271	331784	573.16	60.2	379.94	1208738	24.0776 ng/ml
Codeine	2.586	46829	777.17	98.1	199133.92	85844	28.4109 ng/ml
Cyclobenzaprine	5.631	266260	5595.83	7.5	147.78	436271	24.5686 ng/ml
Dextromethorphan	5.275	215620	6144.61	86.9	2814.26	403708	24.2209 ng/ml
Dextrorphan	4.124	168256	5065.34	194.4	1696.82	651756	24.5280 ng/ml
Diazepam	5.944	204785	415.34	90.7	2796.38	352328	25.9509 ng/ml
Dihydrocodeine	2.558	114927	3079.85	71.6	316.05	275646	27.9091 ng/ml
Diphenhydramine	5.303	1000890	26778.97	32.9	23097.64	1853903	23.6665 ng/ml
Doxylamine	4.545	1046631	3243.25	96.8	9242.01	1947642	24.5467 ng/ml
Duloxetine	5.657	21488	2253.93	13.8	125.80	43039	25.0348 ng/ml
EDDP	5.268	392978	10696.13	40.2	291.31	767789	24.5225 ng/ml
Etizolam	5.810	155782	11264.35	26.4	9585.40	156483	23.2262 ng/ml
Fentanyl	5.108	37492	461.08	64.5	29117.08	741399	2.5987 ng/ml
Flualprazolam	5.701	134164	2678.72	106.4	9155.39	408810	26.9591 ng/ml
Fluoxetine	5.717	276451	69943.87	7.5	41453.78	368067	23.7203 ng/ml
Hydrocodone	3.026	189534	2550.27	40.6	1241.73	393911	26.9870 ng/ml
Hydromorphone	1.622	153987	582948.95	79.9	1069.30	195004	24.8853 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	370790	5586.80	78.7	1031.78	403708	23.5552 ng/ml
Ketamine	4.057	354120	13741.56	32.5	145.88	610514	26.4302 ng/ml
Lamotrigine	4.287	36681	1397.21	91.0	1001.66	1530046	27.4204 ng/ml
Lorazepam	5.743	201218	1100.54	53.8	353.96	571696	26.9921 ng/ml
MDA	3.205	548967	2892.76	37.0	1043.40	684478	27.4203 ng/ml
MDMA	3.298	292832	5653.62	123.5	2501.70	140538	25.1757 ng/ml
Meprobamate	4.901	226635	4568.83	30.2	143.60	437783	27.6674 ng/ml
Methadone	5.662	577992	481.44	65.5	1249.46	976310	23.4136 ng/ml
Methamphetamine	3.226	523845	1044.38	37.5	928.30	874949	25.8525 ng/ml
Metoprolol	4.334	107650	133718.95	104.9	1727.70	1783373	25.2946 ng/ml
Mirtazapine	4.634	699809	36914.71	56.6	8346.38	825786	23.8047 ng/ml
Mitragynine	5.243	139773	165423.03	34.8	3427.33	976310	26.5615 ng/ml
Morphine	1.261	23443	2334.97	32.0	491.56	10501	25.9911 ng/ml
Norbuprenorphine	5.004	1796	69.83	85.3	23.84	27027	2.5513 ng/ml
Nordiazepam	5.884	232453	1810.40	53.2	1983.06	286901	25.0070 ng/ml
Norfentanyl	4.085	86682	3482.04	36.4	30.72	1339016	2.2779 ng/ml
Norhydrocodone	3.074	37002	108.43	42.3	302.93	104120	22.5088 ng/ml
Noroxycodone	2.917	127234	227.69	51.3	165.85	168889	23.7037 ng/ml
O-desmethyl-tramadol	3.379	898019	19055.83	6.1	894.88	1911405	24.3297 ng/ml
o-desmethylvenlafaxine	4.076	1319936	40327.06	14.8	624.53	349145	23.3204 ng/ml
Olanzapine	4.475	82045	1007.15	69.2	957.83	85124	24.1989 ng/ml
Oxazepam	5.746	304455	1511.00	67.8	136.52	571696	25.5791 ng/ml
Oxycodone	2.842	318354	2170.60	31.7	910.09	503825	26.6522 ng/ml
Oxymorphone	1.418	172465	∞	50.0	∞	222300	25.5563 ng/ml
Phentermine	3.780	166388	609.78	7.4	114.97	722992	26.9185 ng/ml
Promethazine	5.547	509995	472.13	30.4	463.98	851054	24.7975 ng/ml
Pseudoephedrine	2.589	804543	3356.71	20.1	9358.87	1530046	23.5959 ng/ml
Quetiapine	5.564	429393	563842.12	60.1	17602.54	239710	26.9764 ng/ml
Sertraline	5.779	85534	1865.58	94.1	783.48	130658	25.0650 ng/ml
Temazepam	5.813	566595	1924.69	25.4	186.77	956722	25.6806 ng/ml
Tramadol	4.253	900904	310.73	3.6	124.84	1783373	24.9147 ng/ml
Trazodone	5.161	558112	2408.19	68.3	258.58	713315	25.3195 ng/ml
Venlafaxine	5.049	845628	34288.36	32.6	259.94	1750738	23.5638 ng/ml
Zolpidem	4.918	785779	290.57	26.7	1187.38	1268039	26.3729 ng/ml

SC

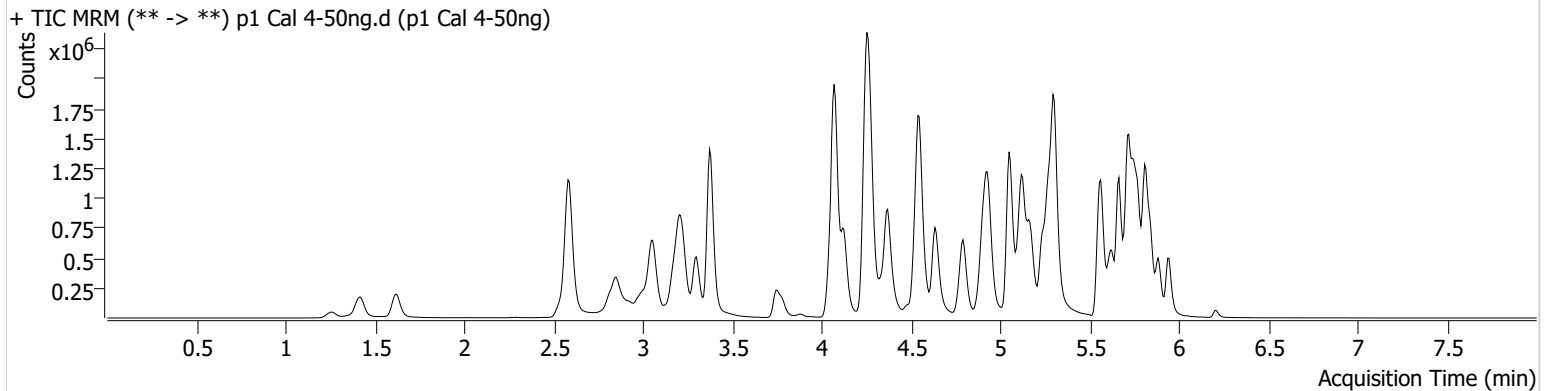


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 4-50ng.d  
**Type** Cal **Sample** p1 Cal 4-50ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-D1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 6:26:07 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	17050	336.93	66.2	22706.45	93581	5.0709 ng/ml
7-aminoclonazepam	4.265	342561	5579.28	68.2	3732.90	302166	53.5781 ng/ml
a-hydroxyalprazolam	5.695	127668	392.67	68.6	244.95	867280	50.6003 ng/ml
alpha-PHP	4.942	247308	3177.92	262.3	1994.44	766662	51.1037 ng/ml
alpha-PVP	4.370	1009159	2856.67	52.6	15164.41	766662	47.7222 ng/ml
Alprazolam	5.772	539740	1012.62	103.8	1847.56	391058	49.1713 ng/ml
Amphetamine	3.057	1063312	908.72	49.5	959.59	366318	52.5675 ng/ml
Benzoylcegonine	3.884	24339	264.48	9.0	5827.23	16173	45.5098 ng/ml
Buprenorphine	5.830	17094	1330.88	15.8	134.15	124787	4.7564 ng/ml
Bupropion	4.792	839492	21947.27	70.6	8107.58	543827	50.1822 ng/ml
Carisoprodol	5.720	534577	1249.87	70.5	910.19	447378	45.0433 ng/ml
Chlordiazepoxide	5.841	296517	7049.21	43.3	1170.61	659357	53.8266 ng/ml
Chlorpheniramine	5.124	1357041	9309.12	0.3	122.29	1167993	48.8285 ng/ml
Citalopram	5.231	675805	2546.99	31.0	687.97	543786	48.1583 ng/ml
Clonazepam	5.614	488903	4386.72	37.5	26188.73	145126	54.8233 ng/ml
Clonazolam	5.551	364216	183585.21	39.6	106087.82	145126	52.9684 ng/ml
Cocaine	4.271	632115	103016.98	60.5	55267.73	1119346	49.5522 ng/ml
Codeine	2.593	85338	612.99	99.6	13896.43	83550	54.1403 ng/ml
Cyclobenzaprine	5.631	324080	44866.41	7.8	90.42	269390	47.9917 ng/ml
Dextromethorphan	5.282	343393	17469.62	83.7	448.98	315393	49.3102 ng/ml
Dextrorphan	4.124	302189	11637.04	195.4	127317.13	594958	48.0464 ng/ml
Diazepam	5.944	366545	309.07	91.0	865.11	325138	50.5651 ng/ml
Dihydrocodeine	2.565	213078	213.95	74.4	159.84	269528	53.6810 ng/ml
Diphenhydramine	5.303	1703213	187815.09	33.0	1417.86	1558124	47.4368 ng/ml
Doxylamine	4.545	1980411	112452.68	95.7	3345.82	1809197	49.8773 ng/ml
Duloxetine	5.657	21303	389.57	13.2	33.07	21086	50.4122 ng/ml
EDDP	5.268	697931	439.93	40.1	5401.84	695990	47.9358 ng/ml
Etizolam	5.810	289842	14492.58	25.7	98598.47	145126	46.0238 ng/ml
Fentanyl	5.108	57137	145.23	59.6	120605.72	545324	5.3924 ng/ml
Flualprazolam	5.701	253099	5325.80	107.3	13038.21	391058	54.4982 ng/ml
Fluoxetine	5.717	255376	620.33	7.4	29832.23	171719	46.6080 ng/ml
Hydrocodone	3.026	351844	∞	41.4	407.37	375790	53.4145 ng/ml
Hydromorphone	1.622	295541	2128.44	80.7	371876.63	190876	48.7560 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	536877	9829.82	76.8	8248.39	315393	43.0953 ng/ml
Ketamine	4.057	672415	55993.37	32.2	1535.16	574423	54.4367 ng/ml
Lamotrigine	4.287	67349	507.64	90.8	2133.37	1443520	54.0336 ng/ml
Lorazepam	5.743	331911	1957.42	52.8	942.57	495154	52.3906 ng/ml
MDA	3.205	991122	4852.06	37.3	490.83	638140	54.1248 ng/ml
MDMA	3.298	552400	93666.83	124.4	5106.78	135186	49.2846 ng/ml
Meprobamate	4.908	414718	19586.10	30.2	1578.51	419250	54.0104 ng/ml
Methadone	5.662	954460	31871.26	61.5	902.41	778998	48.0566 ng/ml
Methamphetamine	3.226	748129	301.74	37.6	2016.57	640040	51.1848 ng/ml
Metoprolol	4.334	206637	26000.01	102.5	6392.20	1670848	52.4076 ng/ml
Mirtazapine	4.634	1252843	33662.14	56.7	47709.63	766662	45.2952 ng/ml
Mitragynine	5.243	213617	506213.14	35.0	3624.62	778998	51.3906 ng/ml
Morphine	1.261	46094	1501.37	31.0	483.27	10394	51.9110 ng/ml
Norbuprenorphine	5.004	2700	2078.79	100.5	254.50	22873	4.7639 ng/ml
Nordiazepam	5.884	427535	720.15	52.9	754.94	259198	51.0617 ng/ml
Norfentanyl	4.091	162255	483.93	37.3	262.26	1223722	4.5711 ng/ml
Norhydrocodone	3.074	67620	128.66	40.4	128.30	90786	45.8954 ng/ml
Noroxycodone	2.924	238899	2613.22	51.0	333.91	160257	45.5952 ng/ml
O-desmethyl-tramadol	3.379	1735214	12040.79	6.2	542.10	1854658	48.0936 ng/ml
o-desmethylvenlafaxine	4.076	2520689	37156.35	14.6	3568.10	327616	46.7941 ng/ml
Olanzapine	4.475	137054	957.19	68.1	576.52	68524	50.1159 ng/ml
Oxazepam	5.746	516520	10325.79	68.2	1616.13	495154	50.2987 ng/ml
Oxycodone	2.842	591144	695.55	31.6	2601.94	477745	53.0023 ng/ml
Oxymorphone	1.418	318743	338.93	50.5	387.59	209952	50.4245 ng/ml
Phentermine	3.780	281867	394.08	7.2	60.34	615982	54.3843 ng/ml
Promethazine	5.554	610022	625.97	30.9	550.52	536547	46.8348 ng/ml
Pseudoephedrine	2.589	1532725	19852.28	20.0	32972.79	1443520	47.0202 ng/ml
Quetiapine	5.564	747032	480.73	60.0	20598.03	214330	53.2535 ng/ml
Sertraline	5.779	75538	997.87	91.9	174.16	61535	47.0652 ng/ml
Temazepam	5.813	997028	1726.28	25.4	339.75	867280	50.0240 ng/ml
Tramadol	4.253	1700836	496.63	3.3	211.78	1670848	50.4271 ng/ml
Trazodone	5.161	949610	442.36	69.1	70337.95	599761	51.7962 ng/ml
Venlafaxine	5.049	1555514	1608.38	32.4	946.24	1581684	47.5163 ng/ml
Zolpidem	4.925	1489658	3757.56	27.0	2463.58	1216615	52.9120 ng/ml



SC

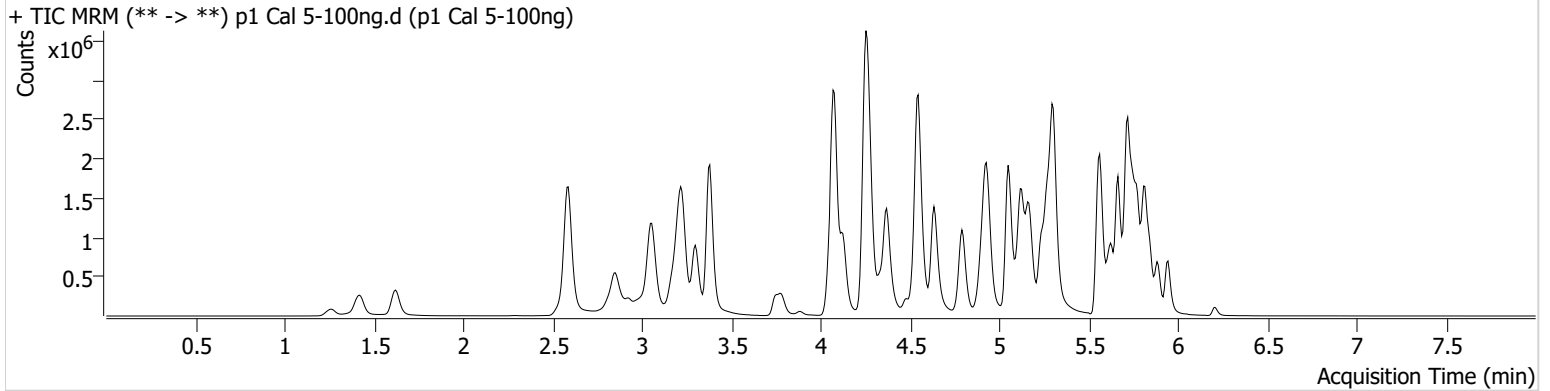


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 5-100ng.d  
**Type** Cal **Sample** p1 Cal 5-100ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-E1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 6:36:44 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	32544	521.07	64.9	4262.09	87039	10.3837 ng/ml
7-aminoclonazepam	4.265	585371	10627.75	67.1	183.07	261759	106.5609 ng/ml
a-hydroxyalprazolam	5.695	195002	783.60	67.8	554.01	657253	102.3241 ng/ml
alpha-PHP	4.942	426067	634.86	258.2	31188.87	669871	101.1366 ng/ml
alpha-PVP	4.370	1811267	17760.65	52.7	18142.45	669871	97.7347 ng/ml
Alprazolam	5.772	921840	∞	103.0	1568.08	329222	99.6303 ng/ml
Amphetamine	3.057	2233986	1629.85	46.9	716.40	393935	103.6120 ng/ml
Benzoylcegonine	3.884	49749	6585.23	8.8	115.36	16885	87.2944 ng/ml
Buprenorphine	5.830	29520	3176.52	15.4	23348.95	105056	9.7403 ng/ml
Bupropion	4.792	1576218	53860.62	70.8	17215.71	505021	101.4927 ng/ml
Carisoprodol	5.720	845419	404928.18	70.9	431.42	331449	95.2829 ng/ml
Chlordiazepoxide	5.841	495825	5052.61	44.5	2027.30	543479	110.1463 ng/ml
Chlorpheniramine	5.124	2549970	3426.86	0.3	145.43	1060079	100.8925 ng/ml
Citalopram	5.231	1208863	8936.89	31.4	9112.96	472960	98.7346 ng/ml
Clonazepam	5.614	798017	1457.18	37.6	∞	118897	110.1051 ng/ml
Clonazolam	5.558	579754	36006.22	42.0	305119.63	118897	103.4269 ng/ml
Cocaine	4.271	1108899	110697.00	60.2	668.63	986488	98.6501 ng/ml
Codeine	2.586	155006	13043.98	95.0	8221.57	74582	111.2845 ng/ml
Cyclobenzaprine	5.631	744074	28669.79	8.2	375.16	310892	95.0325 ng/ml
Dextromethorphan	5.275	620108	805.58	84.6	29473.63	279994	100.2386 ng/ml
Dextrorphan	4.124	521030	872.24	197.2	60608.39	505049	97.3630 ng/ml
Diazepam	5.944	607710	710.12	92.5	550.93	266193	102.6507 ng/ml
Dihydrocodeine	2.565	391617	7848.13	72.3	648.42	252892	105.9667 ng/ml
Diphenhydramine	5.303	3210018	135623.71	32.6	802.55	1406176	98.5527 ng/ml
Doxylamine	4.545	3722018	10231.12	94.3	1437.09	1640256	103.2673 ng/ml
Duloxetine	5.657	60523	1198.45	13.2	593.14	29910	100.7299 ng/ml
EDDP	5.268	1228899	763.85	40.3	914.57	603593	97.2072 ng/ml
Etizolam	5.810	496261	19746.40	26.9	163204.45	118897	95.5642 ng/ml
Fentanyl	5.108	114318	193.36	63.1	103652.72	565661	10.4079 ng/ml
Flualprazolam	5.701	417437	7819.90	110.6	5968.73	329222	108.0799 ng/ml
Fluoxetine	5.717	672939	65006.82	7.6	67415.10	215744	97.3520 ng/ml
Hydrocodone	3.026	625744	881.30	41.4	1233.23	337151	106.8185 ng/ml
Hydromorphone	1.622	570655	2630046.51	78.9	2257211.98	176930	101.5188 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	1115315	15571.01	78.6	8031.24	279994	99.9643 ng/ml
Ketamine	4.057	1196237	50311.66	32.0	8353.86	522118	107.5769 ng/ml
Lamotrigine	4.287	116658	330.13	91.9	762.51	1300361	104.5510 ng/ml
Lorazepam	5.743	456014	2872.46	53.2	799.86	358653	100.3506 ng/ml
MDA	3.205	1634329	1165.00	37.4	669.58	556652	103.2893 ng/ml
MDMA	3.298	1000452	699.87	126.0	10298.93	118284	101.9171 ng/ml
Meprobamate	4.908	684093	278.77	30.3	2720.68	373843	100.9807 ng/ml
Methadone	5.662	1710507	31504.23	62.6	682.62	681322	98.0774 ng/ml
Methamphetamine	3.226	2246263	1417.83	37.2	23112.06	923054	107.3719 ng/ml
Metoprolol	4.334	368910	3429.24	104.7	2607.21	1495653	105.0768 ng/ml
Mirtazapine	4.634	2354602	6335.29	55.3	1543.89	669871	96.6747 ng/ml
Mitragynine	5.243	396268	2330.08	35.4	160579.94	681322	109.6275 ng/ml
Morphine	1.261	92367	241630.28	30.2	322.51	10665	101.6443 ng/ml
Norbuprenorphine	5.004	5207	∞	105.5	4782.71	21664	10.0109 ng/ml
Nordiazepam	5.890	698511	1728.16	53.1	10574.93	211556	102.3598 ng/ml
Norfentanyl	4.091	290247	19361.73	36.6	2896.46	1053649	9.3995 ng/ml
Norhydrocodone	3.074	113012	402.60	40.6	110.50	71446	96.1541 ng/ml
Noroxycodone	2.924	418932	6579.19	50.6	4998.16	136739	92.2959 ng/ml
O-desmethyl-tramadol	3.379	3205382	4435.35	6.2	7820.26	1690352	97.1077 ng/ml
o-desmethylvenlafaxine	4.076	4522174	70818.04	14.5	838.94	284593	95.9541 ng/ml
Olanzapine	4.475	312002	3923.07	66.4	2364.62	77323	101.0115 ng/ml
Oxazepam	5.746	755553	3657.57	69.8	4514.58	358653	101.7847 ng/ml
Oxycodone	2.842	1060088	1376.61	31.9	1045.19	436335	104.8836 ng/ml
Oxymorphone	1.418	584342	∞	49.6	∞	194738	100.0871 ng/ml
Phentermine	3.780	588176	∞	7.3	156.82	669293	105.2481 ng/ml
Promethazine	5.554	1499893	797.30	31.3	655.01	631402	97.5974 ng/ml
Pseudoephedrine	2.589	2807547	43606.35	19.9	54974.34	1300361	94.9756 ng/ml
Quetiapine	5.564	1342955	20731.02	61.3	34801.68	197368	104.7321 ng/ml
Sertraline	5.779	220806	301.73	90.3	368.09	83385	101.6102 ng/ml
Temazepam	5.813	1576389	1015.01	24.5	402.04	657253	104.5673 ng/ml
Tramadol	4.253	3035291	206.56	3.7	87.92	1495653	100.7506 ng/ml
Trazodone	5.161	1797796	753.41	70.5	37198.08	573570	103.0733 ng/ml
Venlafaxine	5.049	2756355	1244.63	32.4	992.85	1373300	96.5110 ng/ml
Zolpidem	4.925	2738783	90273.88	26.3	36790.12	1099597	108.4824 ng/ml



SC

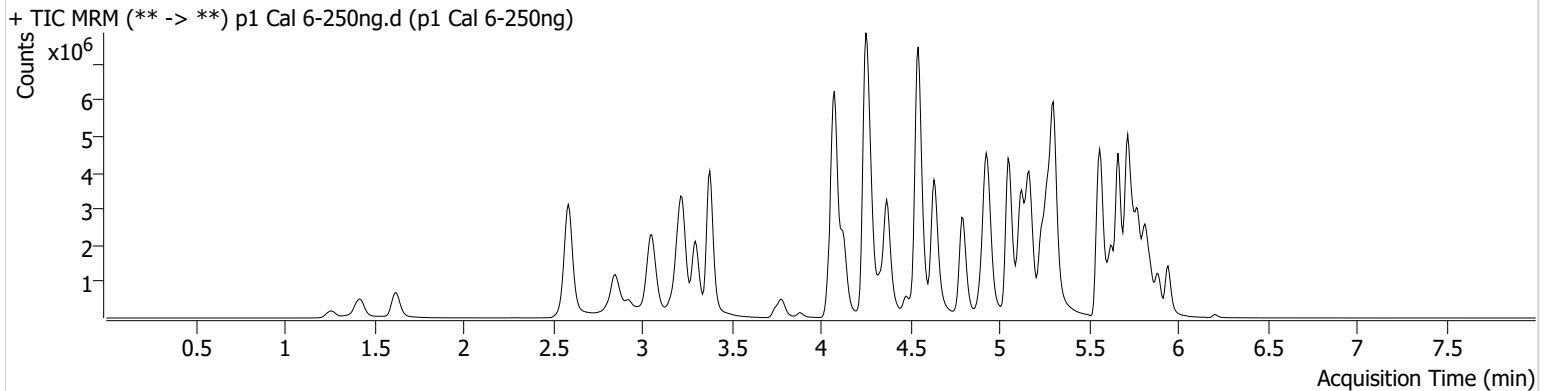


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 6-250ng.d  
**Type** Cal **Sample** p1 Cal 6-250ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-F1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 6:47:21 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	82326	165228.29	69.2	257845.77	93957	24.3043 ng/ml
7-aminoclonazepam	4.265	1070314	13755.33	67.2	32752.10	205974	248.7992 ng/ml
a-hydroxyalprazolam	5.688	312817	314.85	66.1	3955.67	455267	237.4091 ng/ml
alpha-PHP	4.942	1133825	1515.87	256.3	5464.24	713718	253.1794 ng/ml
alpha-PVP	4.370	4960435	182004.80	52.8	5831.83	713718	250.7788 ng/ml
Alprazolam	5.772	2034772	1485.24	101.0	831.28	284032	254.7131 ng/ml
Amphetamine	3.057	4508979	545.52	47.3	571.72	399440	207.1915 ng/ml
Benzoylcegonine	3.884	137545	18429.41	8.6	987.23	17854	225.2127 ng/ml
Buprenorphine	5.830	84706	3272.68	15.5	7373.19	117496	24.9655 ng/ml
Bupropion	4.798	4357705	556335.63	69.8	21979.44	557445	254.2510 ng/ml
Carisoprodol	5.727	1355202	25798.71	69.6	31893.81	200897	250.7377 ng/ml
Chlordiazepoxide	5.848	942858	6078.48	52.9	2807.83	503424	227.0897 ng/ml
Chlorpheniramine	5.124	7263951	158554.58	0.3	368.03	1204789	252.6045 ng/ml
Citalopram	5.231	3317861	74226.88	31.4	635654.48	519549	246.2485 ng/ml
Clonazepam	5.614	1553063	17091.07	36.8	6111.63	104038	245.9708 ng/ml
Clonazolam	5.558	1063449	445116.29	40.1	430741.21	104038	217.4104 ng/ml
Cocaine	4.271	2727406	59281.32	60.8	47412.46	953353	251.0925 ng/ml
Codeine	2.593	316287	224.80	93.8	26380.55	71651	237.5813 ng/ml
Cyclobenzaprine	5.631	2142760	141630.96	7.7	185.22	335033	253.1994 ng/ml
Dextromethorphan	5.282	1622763	33824.24	82.2	173095.31	299497	245.1433 ng/ml
Dextrorphan	4.124	1422025	22880.59	198.2	77078.92	537104	249.5273 ng/ml
Diazepam	5.944	1492402	652.72	89.2	28209.61	265073	253.5134 ng/ml
Dihydrocodeine	2.558	921226	34826.55	76.0	12028.56	271761	232.9757 ng/ml
Diphenhydramine	5.303	8716630	267823.31	31.7	23096.78	1455718	257.7443 ng/ml
Doxylamine	4.545	10647554	111046.52	93.5	314736.38	1786554	271.0311 ng/ml
Duloxetine	5.657	147576	4424.19	14.3	3517.09	28498	257.4070 ng/ml
EDDP	5.268	3269827	74552.98	40.2	3019.68	625791	249.2939 ng/ml
Etizolam	5.810	1110830	10662.78	25.9	1465.69	104038	243.5772 ng/ml
Fentanyl	5.108	314824	9259.85	60.4	147.19	623413	26.0185 ng/ml
Flualprazolam	5.701	777058	14140.11	110.6	191392.22	284032	234.7859 ng/ml
Fluoxetine	5.717	1532839	29834.57	7.4	∞	193981	246.0679 ng/ml
Hydrocodone	3.026	1513691	1446.86	41.6	321.27	356971	245.2733 ng/ml
Hydromorphone	1.622	1383554	1178571.73	79.8	1867329.42	173685	250.6726 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	3043482	145774.16	78.7	36170.68	299497	254.0005 ng/ml
Ketamine	4.057	2988584	127994.61	31.5	2208.89	556402	253.6492 ng/ml
Lamotrigine	4.294	253789	6399.24	94.3	769.69	1166204	254.6264 ng/ml
Lorazepam	5.743	614754	3779.05	54.6	1103.96	214631	227.4245 ng/ml
MDA	3.205	3379073	11904.88	36.6	4877.63	510440	234.2632 ng/ml
MDMA	3.298	2525987	13636.28	127.7	815.89	121858	249.6449 ng/ml
Meprobamate	4.901	1276001	84769.93	29.8	1066.24	349041	202.9910 ng/ml
Methadone	5.662	5291029	66600.18	60.1	39362.62	806485	255.6914 ng/ml
Methamphetamine	3.226	5177801	594.03	36.3	501.51	899740	254.9343 ng/ml
Metoprolol	4.334	873723	1089801.44	104.9	2711105.91	1513096	246.7406 ng/ml
Mirtazapine	4.634	6650289	3281.85	54.6	10393.84	713718	255.1902 ng/ml
Mitragynine	5.243	1062463	4020.58	35.1	1674.43	806485	249.0240 ng/ml
Morphine	1.261	224041	3372.17	29.6	4864.29	10398	253.2918 ng/ml
Norbuprenorphine	5.004	15006	95.83	97.3	6535.72	25282	25.1583 ng/ml
Nordiazepam	5.890	1469131	62106.63	54.1	4124.95	185184	246.1514 ng/ml
Norfentanyl	4.091	646888	188.41	37.7	2275.09	833566	26.3161 ng/ml
Norhydrocodone	3.074	269635	160.07	41.8	298.38	64321	252.8995 ng/ml
Noroxycodone	2.924	918736	2754.47	50.4	1184.65	118764	231.0033 ng/ml
O-desmethyl-tramadol	3.379	8697190	288490.16	6.0	692.99	1698773	261.5663 ng/ml
o-desmethylvenlafaxine	4.076	11464292	293348.04	14.2	3789.60	270416	254.9333 ng/ml
Olanzapine	4.475	853328	61603.77	69.7	3065.69	82721	258.0947 ng/ml
Oxazepam	5.746	1128367	9686.07	67.1	2926.39	214631	254.3132 ng/ml
Oxycodone	2.842	2635419	1201.58	31.5	508.69	473233	241.5070 ng/ml
Oxymorphone	1.418	1379197	∞	49.8	∞	179260	257.3065 ng/ml
Phentermine	3.780	1318233	299.69	7.1	184.68	674507	235.1278 ng/ml
Promethazine	5.554	4163603	61957.81	30.1	23541.14	678957	251.5731 ng/ml
Pseudoephedrine	2.589	6754051	24482.51	19.2	36023.22	1166204	253.7303 ng/ml
Quetiapine	5.564	3653619	335689.72	61.0	245811.30	214982	262.7967 ng/ml
Sertraline	5.779	547474	527.79	92.0	439.17	83840	250.6750 ng/ml
Temazepam	5.813	2634889	31721.73	26.5	202.91	455267	252.5866 ng/ml
Tramadol	4.253	7760825	∞	3.5	200.84	1513096	254.9704 ng/ml
Trazodone	5.161	5117716	155919.00	74.6	72351.89	656615	257.1180 ng/ml
Venlafaxine	5.049	8005175	203966.42	30.0	2133.10	1490732	257.4669 ng/ml
Zolpidem	4.925	7158111	177175.51	25.8	5365.38	1209614	258.8733 ng/ml

# AM #28 Multi-Drug Quant. Results

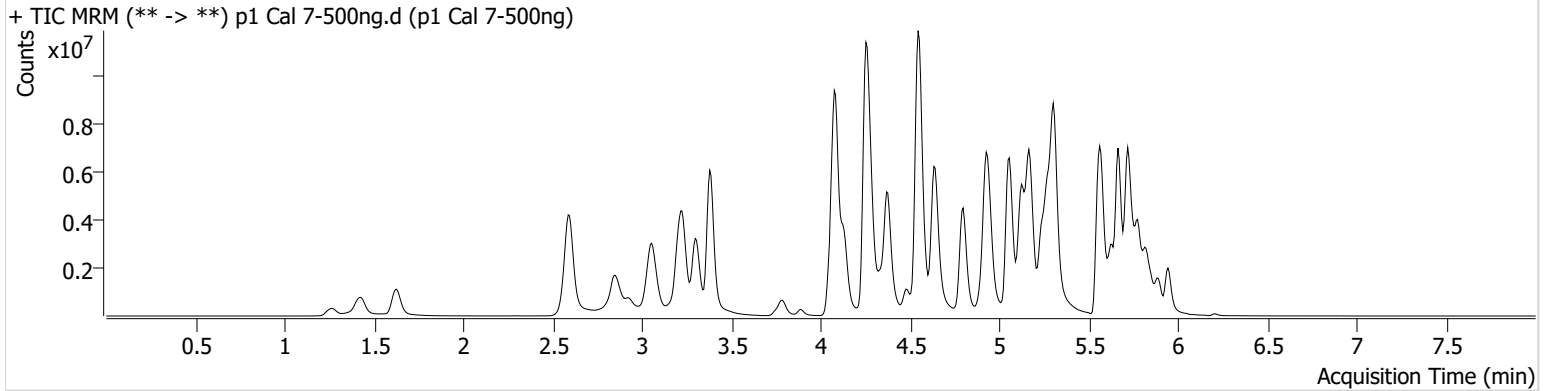
SC



**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 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 P1 Updated 082522.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P6-G1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	10/20/2022 6:57:57 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	154316	10673.38	67.4	479956.92	84860	50.4175 ng/ml
7-aminoclonazepam	4.265	1211525	11557.09	71.0	9060.33	143941	403.5485 ng/ml
a-hydroxyalprazolam	5.688	339534	1381.33	69.1	187.52	240247	488.6662 ng/ml
alpha-PHP	4.948	1786220	6765.60	263.4	231312.32	595695	478.2213 ng/ml
alpha-PVP	4.377	8517622	∞	52.2	2030.56	595695	515.6355 ng/ml
Alprazolam	5.772	2982240	1382.77	99.3	1423.78	209430	506.1787 ng/ml
Amphetamine	3.057	5842464	264.45	46.5	62087.25	301756	356.0583 ng/ml
Benzoylcegonine	3.884	270584	68095.79	8.8	235.22	16669	472.4525 ng/ml
Buprenorphine	5.830	141317	7864.89	15.5	51931.04	94513	51.7620 ng/ml
Bupropion	4.798	7381323	384920.13	69.6	33792.86	482161	497.9374 ng/ml
Carisoprodol	5.727	1571127	1167329.41	70.1	3158.45	110486	527.7127 ng/ml
Chlordiazepoxide	5.848	1239913	24964.56	53.5	13901.28	360615	417.6713 ng/ml
Chlorpheniramine	5.124	12774522	145796.82	0.3	1124.02	1034240	517.2951 ng/ml
Citalopram	5.231	5302469	60075.00	30.8	30079.04	394095	518.4990 ng/ml
Clonazepam	5.614	2072511	47668.49	36.0	72667.07	74088	461.7029 ng/ml
Clonazolam	5.551	1205551	52322.88	42.1	491909.14	74088	346.4142 ng/ml
Cocaine	4.278	4334731	209943.88	60.4	174985.77	744898	510.7591 ng/ml
Codeine	2.593	463020	2272.90	90.8	115.86	54024	462.3003 ng/ml
Cyclobenzaprine	5.631	3644304	49505.76	7.5	546.64	275171	523.8283 ng/ml
Dextromethorphan	5.282	2448908	341166.40	82.5	190739.21	217697	508.8852 ng/ml
Dextrorphan	4.131	2380426	9537.37	201.1	1386.62	442831	506.3982 ng/ml
Diazepam	5.944	2236047	5552.17	92.0	6633.52	208055	484.1531 ng/ml
Dihydrocodeine	2.558	1519742	∞	73.8	18889.24	251033	416.7418 ng/ml
Diphenhydramine	5.310	13891501	177261.50	32.2	29556.09	1138169	524.8759 ng/ml
Doxylamine	4.545	18174266	5923.04	94.0	286639.53	1582651	522.1136 ng/ml
Duloxetine	5.657	203234	2688.11	13.8	580.14	21140	477.6586 ng/ml
EDDP	5.275	5853088	65495.97	39.0	54943.56	544606	512.6448 ng/ml
Etizolam	5.810	1683458	51059.98	25.6	441695.31	74088	517.7215 ng/ml
Fentanyl	5.108	534949	426.73	62.4	122.86	570279	48.3364 ng/ml
Flualprazolam	5.701	984238	4139.50	113.3	18455.25	209430	404.3006 ng/ml
Fluoxetine	5.717	2027465	13091.30	7.6	3076.49	118946	530.3642 ng/ml
Hydrocodone	3.026	2536358	263.63	42.7	300.99	314742	466.9821 ng/ml
Hydromorphone	1.629	2346906	1297202.96	79.9	3547347.58	147502	500.6537 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	4955615	2483.05	81.5	40394.78	217697	568.1702 ng/ml
Ketamine	4.057	4790598	112636.31	31.1	14174.25	477935	474.2779 ng/ml
Lamotrigine	4.294	358510	2064.99	93.9	46098.68	859472	488.7098 ng/ml
Lorazepam	5.743	655835	11394.25	52.3	465.34	113685	459.1586 ng/ml
MDA	3.205	4913224	14876.66	36.4	1720.23	411432	423.4702 ng/ml
MDMA	3.298	4180535	141844.25	128.7	1072.69	97165	518.0692 ng/ml
Meprobamate	4.901	1648923	33852.46	29.6	3958.15	287161	319.5598 ng/ml
Methadone	5.662	8957217	1955.74	59.6	55381.57	667436	522.6495 ng/ml
Methamphetamine	3.232	6400922	2320.59	36.3	1758.77	583442	486.6876 ng/ml
Metoprolol	4.334	1364672	850755.62	105.2	5896.79	1297825	449.7665 ng/ml
Mirtazapine	4.641	11475331	373920.42	54.4	101716.29	595695	526.8842 ng/ml
Mitragynine	5.243	1670767	147971.99	35.7	346353.26	667436	473.6889 ng/ml
Morphine	1.267	374157	9559.04	30.2	1291.48	9237	476.4516 ng/ml
Norbuprenorphine	5.011	27112	3545.71	98.5	210.65	22986	50.2889 ng/ml
Nordiazepam	5.890	1962644	28633.40	53.0	2245.92	119247	510.8289 ng/ml
Norfentanyl	4.098	983521	214.42	37.3	2941.88	563020	59.1240 ng/ml
Norhydrocodone	3.081	479115	354.41	41.6	∞	53098	543.0086 ng/ml
Noroxycodone	2.924	1372353	4008.18	50.8	8443.07	81900	498.8136 ng/ml
O-desmethyl-tramadol	3.379	14768063	430246.27	6.0	9180.14	1424588	529.2617 ng/ml
o-desmethylvenlafaxine	4.083	18727101	191469.38	13.8	16558.03	211631	531.4123 ng/ml
Olanzapine	4.475	1652126	2766.65	70.0	12637.96	80702	512.1068 ng/ml
Oxazepam	5.746	1154151	5003.45	67.7	1667.30	113685	491.2878 ng/ml
Oxycodone	2.835	4069204	989.58	31.5	2268.46	406482	434.8080 ng/ml
Oxymorphone	1.425	2268000	∞	49.7	685.19	153259	495.3061 ng/ml
Phentermine	3.787	1844902	11357.62	7.2	291.96	525873	422.7696 ng/ml
Promethazine	5.554	7685473	3914.29	29.8	31270.84	601891	523.5732 ng/ml
Pseudoephedrine	2.596	10291853	3921.73	19.1	177220.06	859472	523.9636 ng/ml
Quetiapine	5.564	5826096	136232.75	61.6	86388.45	194851	462.9681 ng/ml
Sertraline	5.786	783623	352.66	89.4	918996.56	60620	496.3091 ng/ml
Temazepam	5.820	2710247	32398.79	26.2	1146.96	240247	492.5163 ng/ml
Tramadol	4.253	12684612	∞	3.2	∞	1297825	486.0564 ng/ml
Trazodone	5.161	8738469	189775.59	75.3	550.79	588435	490.3904 ng/ml
Venlafaxine	5.056	13544638	316214.53	29.6	9339.78	1218495	532.4823 ng/ml
Zolpidem	4.925	11648576	712.22	25.5	872.49	1058068	482.3158 ng/ml

# AM #28 Multi-Drug Quant. Results

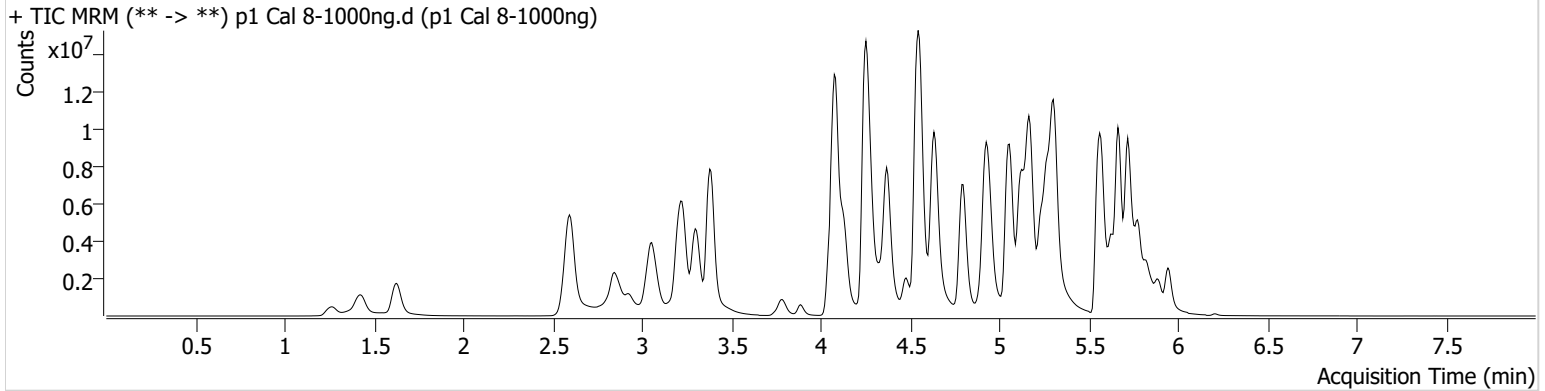
SC



**Batch results** D:\MassHunter\Data\2022\AM 27-28\102022 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 10/21/2022 10:47:04 AM

**Instrument** Falco (069901) **Data File** p1 Cal 8-1000ng.d  
**Type** Cal **Sample** p1 Cal 8-1000ng  
**Acq. Method** AM 28 P1 Updated 082522.m **Operator** Sarah Collins  
**Sample Position** P6-H1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 10/20/2022 7:08:34 PM  
**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	291493	4171.52	67.5	659.67	80008	100.9897 ng/ml
7-aminoclonazepam	4.271	1111932	33280.33	67.0	5255.31	81288	656.4033 ng/ml
a-hydroxyalprazolam	5.688	343868	923.18	68.7	99.57	110815	1073.3447 ng/ml
alpha-PHP	4.948	2756860	27246.05	263.0	11293.60	484136	908.5112 ng/ml
alpha-PVP	4.370	14191976	2189.82	52.2	5649.70	484136	1056.8255 ng/ml
Alprazolam	5.772	3938839	171.98	101.1	149.89	142249	984.1642 ng/ml
Amphetamine	3.057	7276977	87708.63	47.0	252.92	241284	555.1628 ng/ml
Benzoylecgonine	3.884	630074	13847.09	8.7	7575.03	17121	1068.6948 ng/ml
Buprenorphine	5.830	227409	352461.85	14.9	37145.83	74241	106.0240 ng/ml
Bupropion	4.798	12440357	317961.99	69.3	183500.07	423640	955.1717 ng/ml
Carisoprodol	5.727	1531986	819.48	70.9	3334.05	49904	1138.3482 ng/ml
Chlordiazepoxide	5.848	1458439	8324.89	53.3	17729.53	241303	734.8966 ng/ml
Chlorpheniramine	5.128	20832330	4539.09	0.3	630.57	888303	982.0134 ng/ml
Citalopram	5.231	7509782	1029920.84	30.3	1274414.53	271655	1065.0104 ng/ml
Clonazepam	5.607	2329936	93707.72	36.6	18252.37	45466	846.5473 ng/ml
Clonazolam	5.544	1177966	37113.66	41.5	411376.72	45466	551.8990 ng/ml
Cocaine	4.271	6572188	77124.23	59.4	1600.19	559219	1031.5377 ng/ml
Codeine	2.600	660285	3606.16	91.0	25529.99	43115	826.9116 ng/ml
Cyclobenzaprine	5.631	5931209	43025.91	7.3	2678.86	223770	1047.9301 ng/ml
Dextromethorphan	5.282	3398245	65678.38	82.6	55645.77	148570	1034.6561 ng/ml
Dextrorphan	4.131	3880298	1764.18	203.8	∞	345626	1057.3932 ng/ml
Diazepam	5.944	3238616	421.20	91.0	10913.95	151811	961.2731 ng/ml
Dihydrocodeine	2.565	2368535	17571.36	74.3	18950.30	234475	695.9330 ng/ml
Diphenhydramine	5.310	20356339	139230.63	33.8	189581.87	844610	1036.0145 ng/ml
Doxylamine	4.545	27682492	217138.27	95.7	15501.66	1454748	865.1100 ng/ml
Duloxetine	5.650	220102	4635.49	14.5	13082.12	11226	973.8810 ng/ml
EDDP	5.268	10331846	75748.95	38.8	64877.37	460173	1070.8301 ng/ml
Etizolam	5.810	2327328	1695.36	26.1	526482.86	45466	1165.5997 ng/ml
Fentanyl	5.101	861529	25612.64	62.7	3162.40	534987	82.9858 ng/ml
Flualprazolam	5.694	1058658	3435.46	114.1	9061.01	142249	641.0478 ng/ml
Fluoxetine	5.724	2533309	42379.42	7.2	202.57	71908	1095.7944 ng/ml
Hydrocodone	3.026	4382389	199.31	40.2	125.29	287836	883.1361 ng/ml
Hydromorphone	1.629	4042653	10497143.64	80.2	4270378.90	126047	1009.1440 ng/ml

SC

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	8258485	876632.67	80.5	188729.88	148570	1386.4539 ng/ml
Ketamine	4.050	7142465	379809.31	31.8	17151.01	410888	823.2930 ng/ml
Lamotrigine	4.294	420850	24415.27	94.0	2219.30	613900	803.6326 ng/ml
Lorazepam	5.743	693667	34064.98	53.7	220.51	52675	1049.5385 ng/ml
MDA	3.198	6999264	4814.26	36.1	1488.74	332368	747.6059 ng/ml
MDMA	3.298	6283009	26159.58	130.0	4460.59	80058	944.9226 ng/ml
Meprobamate	4.901	1896043	98965.37	29.5	9034.67	224672	470.2431 ng/ml
Methadone	5.662	14309663	257999.90	62.0	106477.45	534993	1041.2957 ng/ml
Methamphetamine	3.232	9930450	95323.83	35.3	77265.64	509301	865.5490 ng/ml
Metoprolol	4.334	1896242	16067.10	105.9	61030.06	1112398	729.4821 ng/ml
Mirtazapine	4.634	19239416	25008.18	55.5	157508.57	484136	1086.2261 ng/ml
Mitragynine	5.243	2406140	1267.99	36.2	683.17	534993	851.5079 ng/ml
Morphine	1.267	639312	19813.44	29.3	∞	7918	950.0049 ng/ml
Norbuprenorphine	5.004	52020	467.34	95.4	3001.17	21962	101.2871 ng/ml
Nordiazepam	5.890	2469700	202414.67	53.5	12690.17	81289	943.0809 ng/ml
Norfentanyl	4.098	1285895	11224.01	37.9	2346.26	286118	151.9701 ng/ml
Norhydrocodone	3.081	812355	∞	44.1	233.77	43753	1116.0889 ng/ml
Noroxycodone	2.924	2022444	19788.94	50.6	2364.15	58263	1031.9002 ng/ml
O-desmethyl-tramadol	3.385	22754345	212347.83	6.4	1507.75	1175417	988.0329 ng/ml
o-desmethylvenlafaxine	4.083	27798874	132189.80	13.9	27658.17	153881	1084.2090 ng/ml
Olanzapine	4.475	3049339	3059.97	70.1	19560.26	78376	973.1692 ng/ml
Oxazepam	5.746	1044816	9041.47	69.6	4015.36	52675	960.0672 ng/ml
Oxycodone	2.835	6372243	∞	31.1	771.54	370698	747.2316 ng/ml
Oxymorphone	1.425	3669087	262.27	49.1	276.71	130137	944.0495 ng/ml
Phentermine	3.787	2739615	∞	7.1	1859.97	460455	717.5966 ng/ml
Promethazine	5.547	12715592	422955.35	29.7	68202.00	497209	1048.3919 ng/ml
Pseudoephedrine	2.596	15462452	136382.51	18.7	64747.73	613900	1101.4191 ng/ml
Quetiapine	5.570	8897699	95994.75	59.4	482934.02	163874	841.3650 ng/ml
Sertraline	5.786	1072233	101642.72	87.6	12895.05	39862	1032.8141 ng/ml
Temazepam	5.820	2398292	125568.64	27.1	2732.52	110815	945.0388 ng/ml
Tramadol	4.246	17057550	1452.31	3.8	∞	1112398	762.6987 ng/ml
Trazodone	5.161	13688796	702588.66	79.0	160785.14	492018	919.2100 ng/ml
Venlafaxine	5.055	21150900	13289.02	31.1	2633.18	972479	1041.4358 ng/ml
Zolpidem	4.918	18045074	158674.38	26.1	54469.97	969312	816.1493 ng/ml