

**REVIEWED**

By Sarah Collins at 3:56 pm, Mar 23, 2022

3/23/2022

TS

**Worklist: 5701**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-0566	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0432	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0533	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0543	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0583	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0593	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0670	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0683	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0820	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0830	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0841	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

**Idaho State Police  
Forensic Services**

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

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

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

**Technical Review**

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Departure approved  
Comments:

Departure Not Approved  
Comments:

Approver: Rachel Cutler  
Title: Laboratory Manager



Date: 2/10/2022

**Quality Review**

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



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

TS

Extraction Date: 03/22/2022

Analyst: Tamara Salazar

Plate lot#: 211018

Plate Retest Date: 04/18/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52016-2

Blank Urine Lot: POC021022

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

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. Pipette 250µL blood (calibrated pipette) or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. **If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional).** Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. 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:

7-aminoclonazepam: 5-500 -- cal 8 removed due to accuracy

alpha-hydroxyalprazolam: 5-250 -- cal 7 and 8 removed due to accuracy

Amphetamine: 5-500 -- cal 8 removed due to accuracy

Benzoylcegonine: 10-1000 -- cal 1 dropped due to poor peak shape

Clonazolam: 5-500 -- cal 8 removed due to accuracy

Etizolam: 5-500 -- cal 8 removed due to accuracy

Lamotrigine: 5-500 -- cal 8 removed due to accuracy

Lorazepam: 5-100 -- cal 6, 7, & 8 removed due to accuracy

MDA: 5-500 -- cal 8 removed due to accuracy

Meprobamate: 5-250 -- cal 7 and 8 removed due to accuracy

Norfentanyl: 0.5-50 -- cal 8 removed due to accuracy

Phentermine: 5-500 -- cal 8 removed due to accuracy

Benzoyllecgonine not evaluated for P2022-0583 as the ITSD response was low.

	1	2	3	4	5	6	7	8	6	7	8	12
A											P2022-0432-1	P2022-0830-1
B											P2022-0533-1	P2022-0841-1
C											P2022-0543-1	
D											P2022-0583-1	
E										IS + QC_2	P2022-0593-1	
F											P2022-0670-1	
G										Neg Urine	P2022-0683-1	
H										M2022-0566-4	P2022-0820-1	

All wells to contain 60 µl of Trapping Solution

\*Urine hydrolysis plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	P2022-0432-1	P2022-0830-1	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	P2022-0533-1	P2022-0841-1	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	P2022-0543-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	P2022-0583-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	P2022-0593-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	Neg Blood	P2022-0670-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	Neg Urine	P2022-0683-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	M2022-0566-4	P2022-0820-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

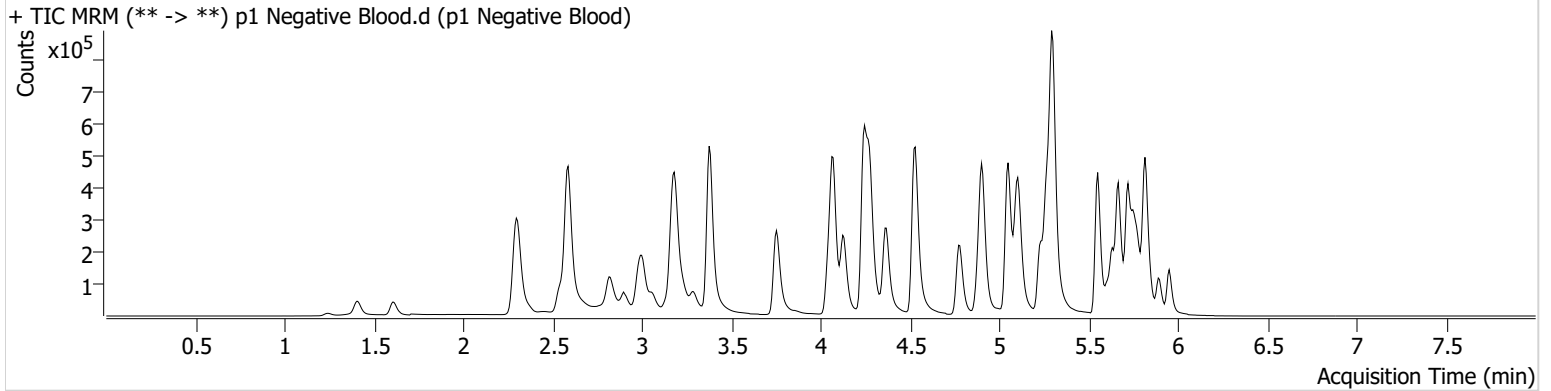


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	p1 Negative Blood
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-F6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 11:27:01 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

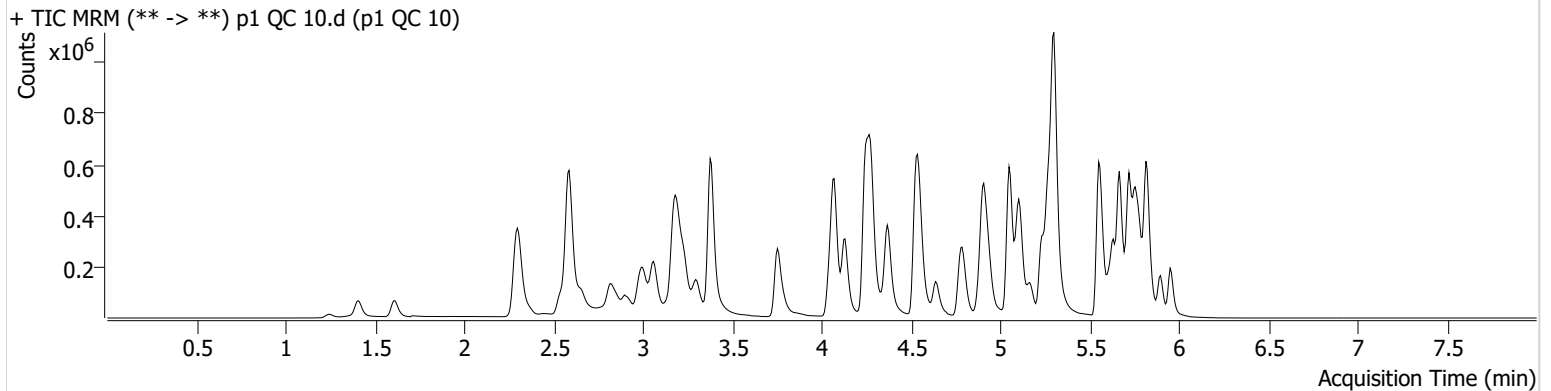


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 10.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 10
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-A6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 9:51:13 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	2584	128.26	67.6	101.97	75228	0.9776 ng/ml
7-aminoclonazepam	4.271	35259	1600.59	81.6	179.60	132992	10.3582 ng/ml
a-hydroxyalprazolam	5.699	26551	528.18	73.6	9605.91	315906	10.1007 ng/ml
alpha-PHP	4.944	44517	1411.73	256.3	2703.87	701831	10.5600 ng/ml
alpha-PVP	4.376	157227	1022.19	52.6	3328.23	701831	9.7883 ng/ml
Alprazolam	5.782	82615	496.74	111.0	455.91	315906	9.6989 ng/ml
Amphetamine	3.063	318477	4226.21	48.5	2030.79	434580	11.3409 ng/ml
Benzoylcegonine	3.886	2782	13.55	8.2	9.97	10596	9.0783 ng/ml
Buprenorphine	5.860	3494	7704.39	16.0	1428.60	122891	0.9962 ng/ml
Bupropion	4.801	167120	581.03	64.9	360.49	601724	10.1107 ng/ml
Carisoprodol	5.730	102197	76336.56	54.9	223.12	466791	10.4241 ng/ml
Citalopram	5.232	122963	648.14	38.2	48.87	561266	9.8860 ng/ml
Clonazepam	5.612	97781	4494.49	35.5	441.95	129495	10.4473 ng/ml
Clonazepam	5.555	62801	63449.54	37.8	747.40	129495	10.6335 ng/ml
Cocaine	4.277	108403	14957.39	56.1	5122.12	966182	10.0066 ng/ml
Codeine	2.593	15063	1426.81	100.9	291.48	71646	10.7732 ng/ml
Cyclobenzaprine	5.635	102065	3277.30	7.6	442.08	416403	10.1790 ng/ml
Dextromethorphan	5.282	78150	100.20	79.8	224.68	382411	9.8502 ng/ml
Dextrophan	4.132	47541	926.04	215.3	317.13	539547	10.0069 ng/ml
Diazepam	5.960	57919	299.46	92.2	2432.80	277219	10.1486 ng/ml
Dihydrocodeine	2.572	35297	2071.06	61.8	436.82	216513	10.5295 ng/ml
Diphenhydramine	5.303	353815	8784.36	31.7	428.83	1964178	9.9496 ng/ml
Doxylamine	4.549	331574	3003.37	100.3	1188.16	1482302	9.9598 ng/ml
EDDP	5.268	115783	539.76	40.7	20228.87	647401	10.0539 ng/ml
Etizolam	5.820	33512	49309.67	24.9	15946.35	129495	9.7508 ng/ml
Fentanyl	5.109	10025	120.90	77.5	36751.21	595408	1.0120 ng/ml
Flualprazolam	5.712	38644	2663.92	96.3	78256.71	315906	10.2978 ng/ml
Fluoxetine	5.721	89394	563.70	8.5	164.32	329815	10.2368 ng/ml
Hydrocodone	3.032	57940	332.53	33.2	∞	318217	10.0172 ng/ml
Hydromorphone	1.615	45481	3129.89	69.5	45.00	143055	10.4209 ng/ml
Ketamine	4.065	107359	428.06	38.0	540.04	497078	10.0800 ng/ml
Lamotrigine	4.294	9664	465.77	92.3	247.81	497078	10.0632 ng/ml
Levetiracetam	2.656	54883	507.21	142.0	345.53	1460931	10.4313 ng/ml



TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	90879	1455.76	49.6	93.31	129495	10.3164 ng/ml
MDA	3.209	197450	267.07	27.9	22.92	661112	10.3710 ng/ml
MDMA	3.303	108199	638.10	95.3	1533.29	128991	10.2308 ng/ml
Meprobamate	4.911	66453	207.31	25.0	803.16	335561	10.4243 ng/ml
Methadone	5.666	187526	1232.53	54.6	325.36	843324	10.2579 ng/ml
Methamphetamine	3.238	280525	724.63	38.7	338.26	939690	11.3333 ng/ml
Metoprolol	4.340	29633	100557.69	97.1	1272.52	1349946	10.1111 ng/ml
Mirtazapine	4.637	225346	6620.66	46.5	1051.48	701831	10.0081 ng/ml
Mitragynine	5.243	37728	4818.50	38.8	50015.72	843324	10.0459 ng/ml
Morphine	1.253	5929	1100.88	21.6	22.29	10967	9.3988 ng/ml
Norbuprenorphine	5.006	556	145.85	83.6	1988.36	21640	1.1517 ng/ml
Nordiazepam	5.900	61767	503.92	58.8	423.48	212431	10.0111 ng/ml
Norfentanyl	4.093	23850	986.31	31.8	150.02	1115268	0.9569 ng/ml
Norhydrocodone	3.080	10034	71.23	38.8	50.22	92255	9.6919 ng/ml
Noroxycodone	2.923	57059	383.30	47.8	363.62	190458	10.3092 ng/ml
O-desmethyl-tramadol	3.383	236078	725.33	5.6	428.79	1415714	9.6606 ng/ml
Oxazepam	5.756	119083	140.63	72.4	781.42	443964	10.5479 ng/ml
Oxycodone	2.848	98274	513.79	29.8	279.14	408162	10.1906 ng/ml
Oxymorphone	1.411	46226	234.91	47.3	1100.54	162981	9.4509 ng/ml
Phentermine	3.790	69333	468.13	5.6	22.37	782251	10.3236 ng/ml
Promethazine	5.552	196285	10149.49	30.0	445.26	864790	9.9339 ng/ml
Pseudoephedrine	2.596	288304	388.37	17.4	2217.93	1460931	9.7596 ng/ml
Quetiapine	5.569	147006	3900.86	59.0	1007.86	220130	10.1545 ng/ml
Sertraline	5.796	26022	221.56	93.0	3370.35	114806	10.3732 ng/ml
Temazepam	5.823	182074	2661.77	27.2	204.74	909536	10.0879 ng/ml
Tramadol	4.259	269199	495.07	3.2	196.36	1349946	10.1160 ng/ml
Trazodone	5.163	148832	751.19	78.1	1046.00	610296	10.1751 ng/ml
Venlafaxine	5.050	214758	400.15	34.5	231.10	1229511	9.6600 ng/ml
Zolpidem	4.928	244458	2743.85	29.8	1067.92	1051382	10.4860 ng/ml

TS

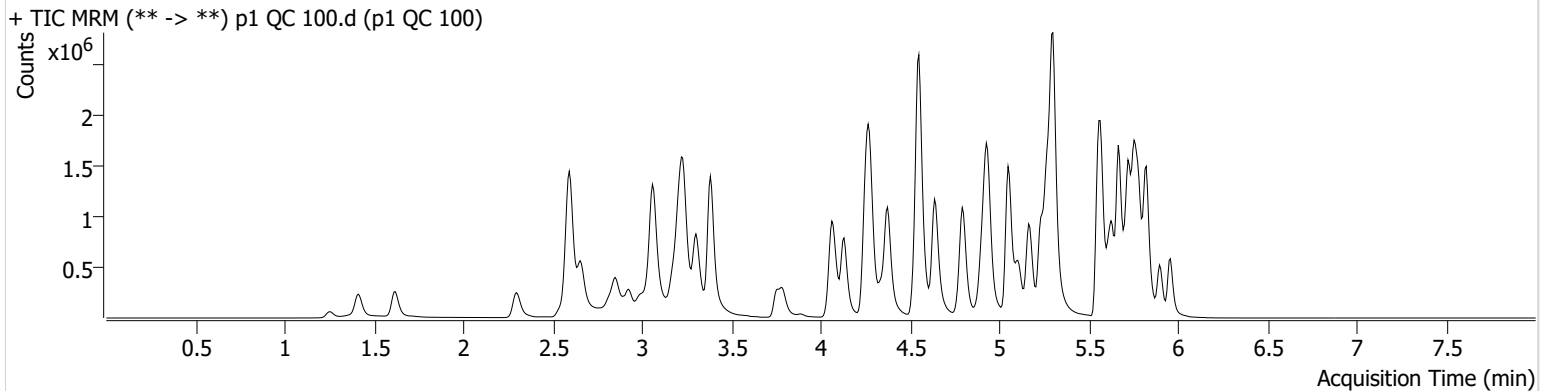


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 100.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 100
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-B6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/23/2022 4:13:41 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	24748	19022.42	70.8	478.24	72634	9.7789 ng/ml
7-aminoclonazepam	4.271	278602	5796.92	80.2	231.19	110222	104.9151 ng/ml
a-hydroxyalprazolam	5.699	215299	528.28	68.0	728.75	278313	101.8102 ng/ml
alpha-PHP	4.944	386361	5090.47	259.7	42067.85	641231	106.0414 ng/ml
alpha-PVP	4.376	1435737	692.10	52.7	24251.32	641231	96.5643 ng/ml
Alprazolam	5.782	730254	911.45	108.5	1113.71	278313	95.5255 ng/ml
Amphetamine	3.063	2653502	778.14	48.8	886.98	404368	109.6777 ng/ml
Benzoylcegonine	3.892	25441	2874.85	8.1	235.14	9860	90.8372 ng/ml
Buprenorphine	5.860	31266	518.65	16.0	7739.26	114276	9.6413 ng/ml
Bupropion	4.795	1595086	63650.67	62.4	24033.92	568296	103.0283 ng/ml
Carisoprodol	5.730	819359	769876.28	54.6	487.76	366323	94.1370 ng/ml
Citalopram	5.232	1101433	684.12	38.0	20085.85	501818	98.0726 ng/ml
Clonazepam	5.612	811624	1755.84	35.4	24331.34	113546	105.1143 ng/ml
Clonazepam	5.555	495792	1040430.85	37.7	263982.38	113546	103.6963 ng/ml
Cocaine	4.277	965987	2726555.19	54.5	21684.90	870076	99.9665 ng/ml
Codeine	2.593	128624	2759.64	102.2	198.76	63834	111.5727 ng/ml
Cyclobenzaprine	5.635	851949	1876.36	7.6	164.43	349138	96.0406 ng/ml
Dextromethorphan	5.275	686457	17603.68	78.5	13738.04	338825	98.1766 ng/ml
Dextrophan	4.132	433014	2201.49	214.5	1247.72	501201	98.3025 ng/ml
Diazepam	5.960	502758	10681.66	92.6	7177.72	248128	100.2000 ng/ml
Dihydrocodeine	2.572	321932	224.63	59.9	497.56	204895	108.9755 ng/ml
Diphenhydramine	5.303	3251003	442818.60	31.5	822.46	1746158	99.5165 ng/ml
Doxylamine	4.549	3227545	10527.18	98.5	2166.05	1388980	103.2495 ng/ml
EDDP	5.268	1055625	1823.74	41.7	408.95	602855	96.2344 ng/ml
Etizolam	5.820	289469	1802.60	26.1	2293.40	113546	93.2992 ng/ml
Fentanyl	5.109	91507	5924.10	75.0	3408.89	540556	9.8563 ng/ml
Flualprazolam	5.712	318349	13853.01	102.1	8343.39	278313	101.8038 ng/ml
Fluoxetine	5.727	629464	49567.31	8.8	72818.49	242330	94.1588 ng/ml
Hydrocodone	3.032	496319	225.75	35.2	155.31	291839	101.9857 ng/ml
Hydromorphone	1.621	419605	2097921.96	74.1	2067570.36	137523	100.6787 ng/ml
Ketamine	4.065	988283	1118.83	38.7	7775.51	464916	103.1708 ng/ml
Lamotrigine	4.294	85770	803.01	87.6	52148.50	464916	104.3527 ng/ml
Levetiracetam	2.663	491842	1768.83	143.3	629.10	1283517	102.6348 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	640640	28995.66	51.6	602.76	113546	97.0619 ng/ml
MDA	3.209	1627309	1281.66	30.0	945.99	571747	105.1238 ng/ml
MDMA	3.303	978731	236483.08	94.0	3143.95	119377	98.9828 ng/ml
Meprobamate	4.911	536412	8148.17	24.9	183.36	306073	99.7156 ng/ml
Methadone	5.666	1740248	3293.67	52.7	20286.44	769413	91.7104 ng/ml
Methamphetamine	3.238	2353566	47131.40	38.7	732.50	886080	113.6362 ng/ml
Metoprolol	4.340	262967	632102.27	96.4	3844.67	1258080	103.5237 ng/ml
Mirtazapine	4.637	2069456	966.26	46.6	52415.07	641231	97.6923 ng/ml
Mitragynine	5.243	339850	455174.80	36.2	429283.42	769413	100.6893 ng/ml
Morphine	1.253	61127	742.10	18.6	105.57	10368	106.0319 ng/ml
Norbuprenorphine	5.006	4300	453.29	93.6	182.10	20380	10.0217 ng/ml
Nordiazepam	5.900	523471	7954.79	59.0	1585.57	179909	101.0336 ng/ml
Norfentanyl	4.093	219117	17988.64	36.6	253.31	1009220	9.2857 ng/ml
Norhydrocodone	3.080	80960	157.86	39.7	73.91	67699	92.8400 ng/ml
Noroxycodone	2.923	502657	726.71	50.1	2728.74	173122	104.1716 ng/ml
O-desmethyl-tramadol	3.383	2195496	110765.44	5.7	630.53	1324151	95.3436 ng/ml
Oxazepam	5.756	891056	18445.36	74.4	680.03	348621	102.6277 ng/ml
Oxycodone	2.848	933456	980.44	29.7	4145.83	393045	101.6957 ng/ml
Oxymorphone	1.411	435962	309.13	45.7	275.42	149184	99.5506 ng/ml
Phentermine	3.790	607373	∞	5.7	207.47	742638	101.9933 ng/ml
Promethazine	5.552	1662412	4711.00	30.6	2110.65	724484	98.2081 ng/ml
Pseudoephedrine	2.596	2604458	127257.68	17.1	1003.62	1283517	97.2104 ng/ml
Quetiapine	5.569	1278502	615.30	61.2	398.84	199141	101.4732 ng/ml
Sertraline	5.796	185610	764.89	92.7	235.28	83895	94.3167 ng/ml
Temazepam	5.823	1485865	45921.89	26.7	606.95	749447	97.9129 ng/ml
Tramadol	4.259	2357047	1188.65	3.2	776.71	1258080	99.7795 ng/ml
Trazodone	5.163	1357642	334.81	79.0	67012.62	574835	101.5375 ng/ml
Venlafaxine	5.050	2024887	286641.38	34.4	1424.05	1132743	96.3564 ng/ml
Zolpidem	4.928	2222799	13118.79	29.9	78340.76	997676	105.2944 ng/ml

TS

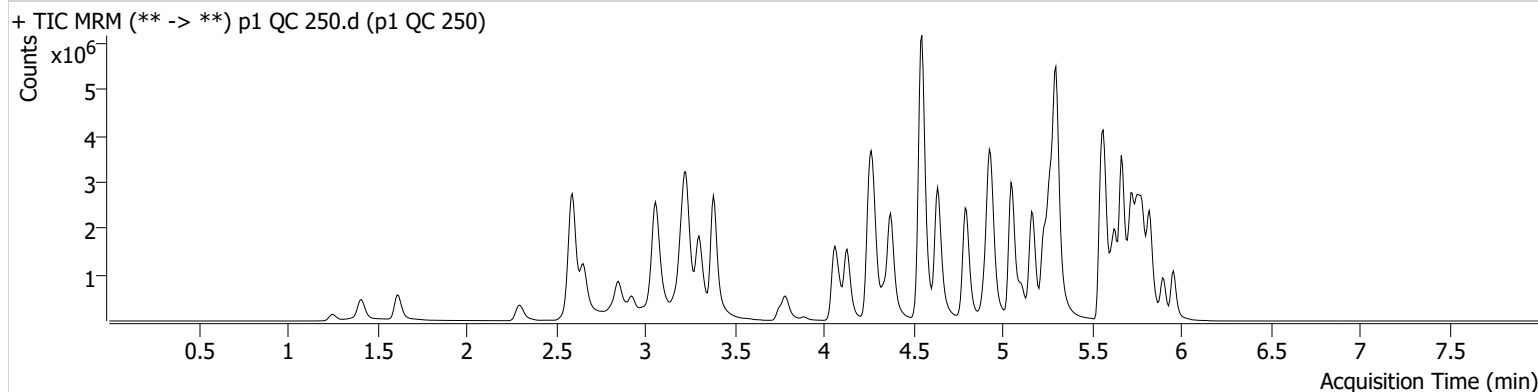


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 250.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 250
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-C6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 10:12:28 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	61206	1125.53	71.0	2509.15	69998	25.1101 ng/ml
7-aminoclonazepam	4.271	624328	5067.93	82.9	5046.27	107672	241.6092 ng/ml
a-hydroxyalprazolam	5.699	383376	486.45	68.5	725.26	228459	222.1115 ng/ml
alpha-PHP	4.944	894184	41085.59	260.6	344377.93	616692	256.1337 ng/ml
alpha-PVP	4.376	3554911	59059.07	52.1	50607.30	616692	248.3872 ng/ml
Alprazolam	5.782	1589201	10421.58	106.1	2822.30	228459	252.9238 ng/ml
Amphetamine	3.063	5553889	2408.34	48.9	∞	396994	234.9809 ng/ml
Benzoylcegonine	3.892	69503	232.27	8.1	4298.72	9762	250.9700 ng/ml
Buprenorphine	5.860	81169	2654.33	15.4	25603.56	112537	25.4262 ng/ml
Bupropion	4.795	3944615	721.40	62.8	56220.72	557474	259.8746 ng/ml
Carisoprodol	5.730	1490840	7425052.76	55.3	9500.84	258711	240.4161 ng/ml
Citalopram	5.232	2582759	54049.84	38.0	22168.05	454363	253.8183 ng/ml
Clonazepam	5.612	1621545	5104.58	34.8	26412.11	92821	257.9587 ng/ml
Clonazepam	5.555	917118	630219.53	38.4	482330.30	92821	235.9027 ng/ml
Cocaine	4.277	2224900	254273.39	55.1	67960.32	800525	250.4111 ng/ml
Codeine	2.593	279558	2784.04	98.8	14740.63	61931	251.1512 ng/ml
Cyclobenzaprine	5.635	2262383	1470003.26	7.4	531.05	354086	250.5191 ng/ml
Dextromethorphan	5.275	1527067	145711.98	79.3	55935.25	297045	249.2090 ng/ml
Dextrophan	4.132	1054692	47621.98	215.6	2307.62	476142	252.0691 ng/ml
Diazepam	5.960	1084563	6133.86	91.9	612.09	211663	253.7057 ng/ml
Dihydrocodeine	2.565	757076	12797.19	60.8	566.24	205120	257.1635 ng/ml
Diphenhydramine	5.303	7864872	148798.58	31.2	164589.99	1630044	257.3355 ng/ml
Doxylamine	4.549	8244646	204158.70	98.6	10515.98	1391522	263.2301 ng/ml
EDDP	5.268	2638414	53193.69	41.4	93650.03	577133	250.8430 ng/ml
Etizolam	5.820	635157	20610.39	26.5	206995.23	92821	249.9031 ng/ml
Fentanyl	5.109	247312	1878.15	72.1	377750.77	567927	25.2989 ng/ml
Flualprazolam	5.712	657343	43626.77	104.3	19695.09	228459	257.0812 ng/ml
Fluoxetine	5.727	1678265	52367.55	8.6	9209.60	242558	250.0438 ng/ml
Hydrocodone	3.032	1185641	281.62	34.5	2901.72	292357	244.5976 ng/ml
Hydromorphone	1.621	1031391	3129647.33	75.7	2139630.86	134909	252.3801 ng/ml
Ketamine	4.065	2412664	1134.40	37.5	109456.72	458146	256.2519 ng/ml
Lamotrigine	4.294	190952	9406.00	86.0	19167.61	458146	237.0722 ng/ml
Levetiracetam	2.656	1133857	432.80	142.5	566.81	1197877	252.9205 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	<del>5.753</del>	<del>963082</del>	<del>5219.70</del>	<del>51.5</del>	<del>1565.50</del>	<del>92821</del>	<del>180.1774 ng/ml</del>
MDA	3.209	3292348	10655.11	29.7	436.14	490567	248.8821 ng/ml
MDMA	3.303	2350288	1853.65	94.4	8919.25	113251	250.3749 ng/ml
Meprobamate	4.911	1037950	21078.20	25.4	23280.00	281333	210.9670 ng/ml
Methadone	5.666	4377285	162419.72	50.7	63309.18	724188	242.7844 ng/ml
Methamphetamine	3.231	5428040	35333.71	37.8	1455.78	916786	255.2935 ng/ml
Metoprolol	4.340	620092	4502.82	96.3	45885.35	1189391	259.4835 ng/ml
Mirtazapine	4.637	5190389	230448.56	45.9	6388.38	616692	254.2558 ng/ml
Mitragynine	5.243	835215	27173.97	36.3	819693.94	724188	263.1803 ng/ml
Morphine	1.253	144500	8468.22	19.6	84.32	10201	255.2602 ng/ml
Norbuprenorphine	5.006	11293	124.41	95.9	4599.45	20937	25.7415 ng/ml
Nordiazepam	5.906	1081257	1844.28	59.0	27372.01	149552	251.1923 ng/ml
Norfentanyl	4.093	553139	81627.59	36.2	2804.50	939265	25.1062 ng/ml
Norhydrocodone	3.080	182320	236.39	41.0	127.64	56116	249.8710 ng/ml
Noroxycodone	2.923	1071054	4705.55	48.3	3394.29	149923	257.0298 ng/ml
O-desmethyl-tramadol	3.383	5526186	131660.47	5.7	1411.30	1279367	248.2579 ng/ml
Oxazepam	5.756	1501042	2999.35	72.6	12598.83	234328	257.5799 ng/ml
Oxycodone	2.848	2301593	957.28	29.5	2139.12	386879	254.9439 ng/ml
Oxymorphone	1.411	1059728	∞	46.1	1377.13	138490	261.0493 ng/ml
Phentermine	3.790	1392379	459.93	5.5	2501.83	728478	239.4548 ng/ml
Promethazine	5.552	4444807	131936.92	29.6	780.16	742897	255.6805 ng/ml
Pseudoephedrine	2.596	6157741	100312.02	16.9	58267.55	1197877	245.7480 ng/ml
Quetiapine	5.569	2951793	3494.16	62.0	34874.82	185262	252.4939 ng/ml
Sertraline	5.796	576339	2015.61	92.2	72266.33	97101	251.7004 ng/ml
Temazepam	5.823	2815752	1352.35	26.4	809.18	551013	252.0137 ng/ml
Tramadol	4.259	5692659	208735.59	3.2	279.48	1189391	255.7787 ng/ml
Trazodone	5.163	3550279	98558.10	79.3	1123.72	595290	256.9259 ng/ml
Venlafaxine	5.050	5050526	1928.14	33.5	12167.46	1104891	245.9702 ng/ml
Zolpidem	4.928	5328217	1735.57	28.7	1632.30	976324	258.7315 ng/ml

\*Outside curve range.

TS

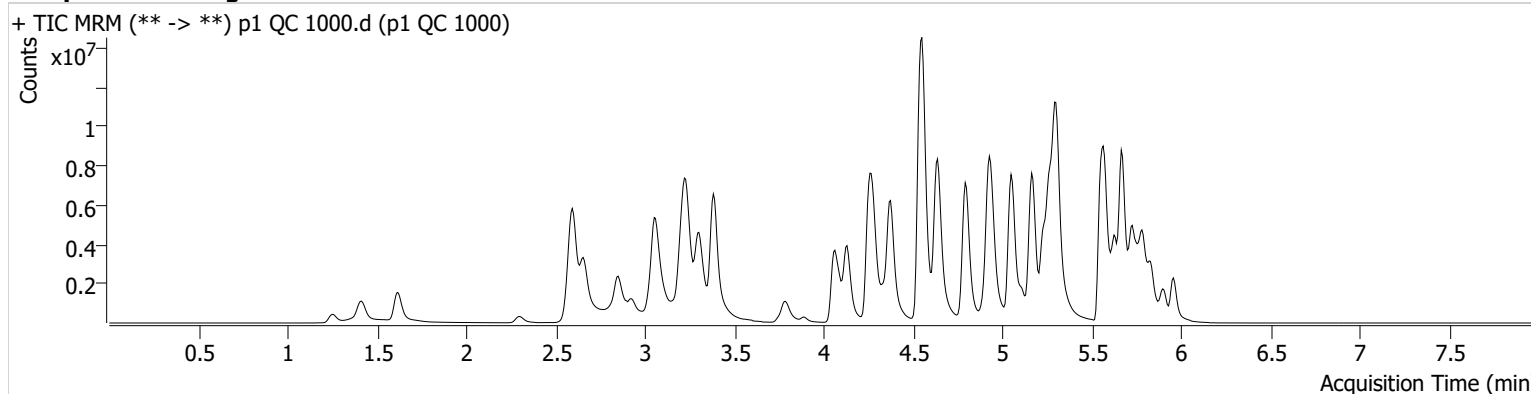


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 1000.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 1000
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-D6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 10:33:43 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	215721	1239.16	68.3	710.74	59302	104.4923 ng/ml
* 7-aminoclonazepam	<del>4.271</del>	<del>858130</del>	<del>3899.12</del>	<del>79.7</del>	<del>1937.36</del>	<del>46483</del>	<del>770.8153 ng/ml</del>
* a-hydroxyalprazolam	<del>5.692</del>	<del>513493</del>	<del>158.23</del>	<del>68.1</del>	<del>377.90</del>	<del>134979</del>	<del>504.8919 ng/ml</del>
alpha-PHP	4.944	2348698	80452.32	265.4	673627.78	466336	891.3533 ng/ml
alpha-PVP	4.376	11239646	6961.93	52.0	2084.89	466336	1038.0907 ng/ml
Alprazolam	5.782	3644371	646.31	106.6	779.40	134979	981.1222 ng/ml
* Amphetamine	<del>3.063</del>	<del>12851839</del>	<del>174.45</del>	<del>47.7</del>	<del>154.82</del>	<del>329034</del>	<del>657.8906 ng/ml</del>
Benzoylcegonine	3.886	269789	280.74	7.9	15306.45	9249	1028.7552 ng/ml
Buprenorphine	5.860	309407	4317.65	14.9	139834.12	92687	117.7015 ng/ml
Bupropion	4.795	12781881	1330726.09	61.7	177395.60	476095	986.2793 ng/ml
Carisoprodol	5.730	2325765	548.71	55.6	7725.98	94561	1021.7421 ng/ml
Citalopram	5.226	6760770	77403.46	36.9	228740.89	288668	1045.4443 ng/ml
Clonazepam	5.612	2749243	21658.42	35.2	53755.58	47632	853.9770 ng/ml
* Clonazepam	<del>5.555</del>	<del>1236271</del>	<del>19712.37</del>	<del>38.6</del>	<del>4252.58</del>	<del>47632</del>	<del>621.3040 ng/ml</del>
Cocaine	4.277	6133960	1063231.45	54.2	67019.94	533889	1035.4935 ng/ml
Codeine	2.593	651912	10795.84	98.5	13481.64	44152	823.7097 ng/ml
Cyclobenzaprine	5.635	6291875	2066.99	6.9	304.01	229322	1073.8185 ng/ml
Dextromethorphan	5.275	3528212	60352.39	78.2	102385.26	170314	1004.4080 ng/ml
Dextrophan	4.132	3199291	113942.49	221.0	243195.19	342771	1062.2044 ng/ml
Diazepam	5.960	2790770	19370.60	91.0	∞	142263	971.8729 ng/ml
Dihydrocodeine	2.565	2111297	19201.89	63.8	7863.24	186437	790.8291 ng/ml
Diphenhydramine	5.303	19804775	306739.70	33.1	33825.69	1034303	1020.1881 ng/ml
Doxylamine	4.550	24022911	79864.79	98.0	548551.77	1182362	902.6145 ng/ml
EDDP	5.268	8903314	70296.62	39.4	108276.54	445143	1096.6113 ng/ml
* Etizolam	<del>5.820</del>	<del>1589098</del>	<del>27047.72</del>	<del>25.9</del>	<del>635672.50</del>	<del>47632</del>	<del>1217.1992 ng/ml</del>
Fentanyl	5.109	988699	3786.32	74.1	7717352.89	535379	107.1745 ng/ml
Flualprazolam	5.712	1299246	60744.23	107.8	136828.73	134979	861.5741 ng/ml
Fluoxetine	5.727	3790122	14304.66	8.7	∞	127980	1068.7332 ng/ml
Hydrocodone	3.025	3537217	190.55	33.9	199.94	237969	899.1968 ng/ml
Hydromorphone	1.615	3360966	9128173.78	74.9	24939174.5	110040	1008.5241 ng/ml
					2		
Ketamine	4.059	7514915	10306.66	36.7	17647.67	383493	954.7627 ng/ml
* Lamotrigine	<del>4.294</del>	<del>402212</del>	<del>778.30</del>	<del>87.0</del>	<del>40646.84</del>	<del>383493</del>	<del>598.1477 ng/ml</del>

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	3146103	20192.94	146.7	680.63	726876	1155.0500 ng/ml
* Lorazepam	<del>5.753</del>	<del>1015951</del>	<del>31498.02</del>	<del>50.6</del>	<del>1739.41</del>	<del>47632</del>	<del>372.5088 ng/ml</del>
* MDA	<del>3.203</del>	<del>6295014</del>	<del>62269.24</del>	<del>28.2</del>	<del>368.90</del>	<del>308068</del>	<del>759.2748 ng/ml</del>
MDMA	3.303	6818670	27427.11	94.4	2519.10	82194	1000.5103 ng/ml
* Meprobamate	<del>4.904</del>	<del>1824179</del>	<del>∞</del>	<del>24.8</del>	<del>9048.13</del>	<del>196178</del>	<del>533.1579 ng/ml</del>
Methadone	5.666	12979283	241696.25	51.6	846508.17	523862	990.9131 ng/ml
Methamphetamine	3.231	16030401	71275.22	36.2	64195.70	851421	815.3625 ng/ml
Metoprolol	4.340	1529887	4303167.83	97.6	70395.61	932613	818.2865 ng/ml
Mirtazapine	4.637	16569645	219685.15	45.4	258829.65	466336	1072.3474 ng/ml
Mitragynine	5.243	2116442	85185.28	36.9	3270338.23	523862	922.3508 ng/ml
Morphine	1.253	515533	15454.58	18.9	4661.56	9227	1007.8729 ng/ml
Norbuprenorphine	5.006	40293	492.04	98.4	4116.00	18363	104.9556 ng/ml
Nordiazepam	5.906	2211649	59833.73	58.1	1000.72	84431	910.3415 ng/ml
* Norfentanyl	<del>4.093</del>	<del>1760473</del>	<del>352.43</del>	<del>36.4</del>	<del>11901.85</del>	<del>583508</del>	<del>128.4290 ng/ml</del>
Norhydrocodone	3.080	568012	159.82	41.2	124.97	37889	1147.9920 ng/ml
Noroxycodone	2.923	2456326	1523.50	49.4	6830.53	91210	970.2706 ng/ml
O-desmethyl-tramadol	3.383	17095780	∞	5.7	12673.46	991070	991.1816 ng/ml
Oxazepam	5.756	1606923	44341.96	72.8	7723.52	68571	942.9788 ng/ml
Oxycodone	2.848	7486069	900.68	29.2	1505.49	333326	962.8126 ng/ml
Oxymorphone	1.411	3078103	∞	45.5	∞	116734	900.1386 ng/ml
* Phentermine	<del>3.790</del>	<del>3629646</del>	<del>2440.24</del>	<del>5.7</del>	<del>5585.73</del>	<del>637026</del>	<del>715.4417 ng/ml</del>
Promethazine	5.552	13054331	5383.58	29.3	7950.51	535856	1040.3198 ng/ml
Pseudoephedrine	2.596	17464001	116971.22	16.2	108796.58	726876	1147.3441 ng/ml
Quetiapine	5.569	7789461	142480.16	60.6	3886.11	129286	956.0320 ng/ml
Sertraline	5.796	1299392	105092.76	89.8	15486.37	55204	995.8024 ng/ml
Temazepam	5.830	4322201	102282.42	26.5	1810.26	220233	967.2260 ng/ml
Tramadol	4.252	15693897	∞	3.2	5977.45	932613	900.7169 ng/ml
Trazodone	5.163	11967273	1815.15	79.3	1455.03	570430	904.6575 ng/ml
Venlafaxine	5.050	15844549	371512.69	32.8	55177.54	813770	1046.8314 ng/ml
Zolpidem	4.921	14719377	516182.00	27.9	128410.23	815125	857.3998 ng/ml

\*Outside curve range.

TS

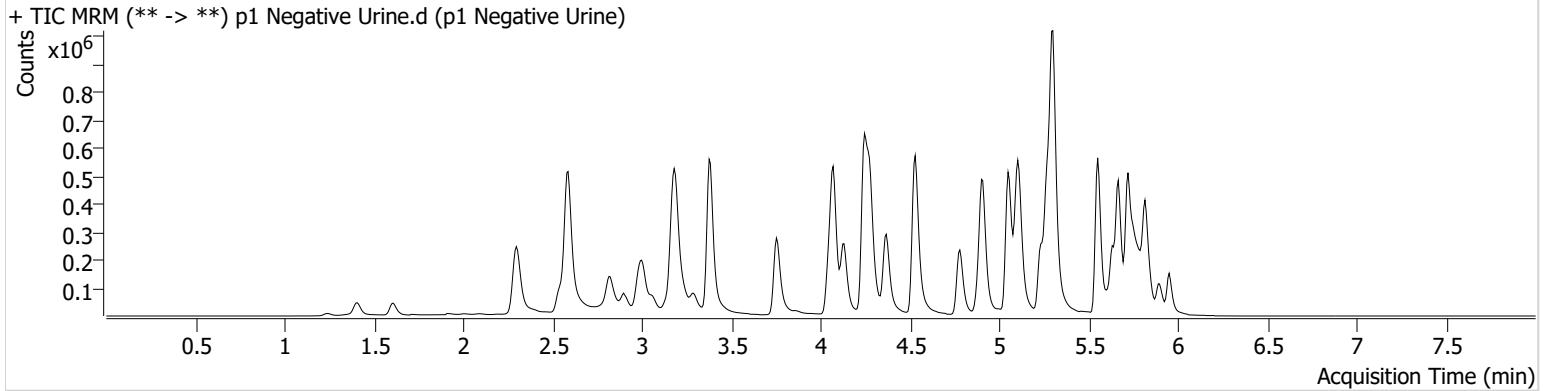


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Negative Urine.d
<b>Type</b>	Sample	<b>Sample</b>	p1 Negative Urine
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-G6	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 11:48:15 PM		
<b>Sample Info.</b>			

## Sample Chromatogram





TS

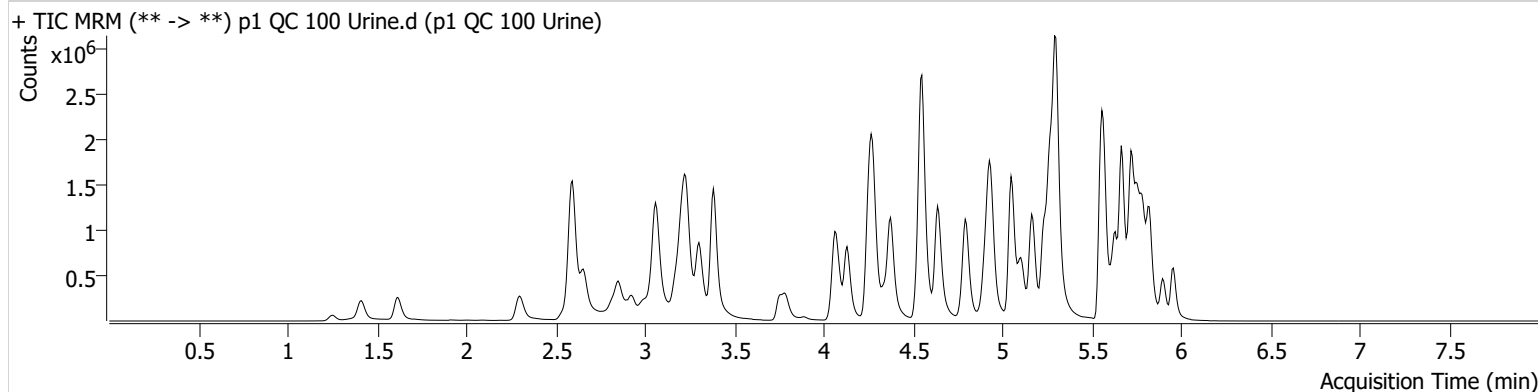


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

**Instrument** Falco (069901) **Data File** p1 QC 100 Urine.d  
**Type** QC **Sample** p1 QC 100 Urine  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P6-E6 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/22/2022 10:55:00 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	25440	639.71	70.2	479.91	73601	9.9203 ng/ml
7-aminoclonazepam	4.271	423731	3635.74	78.6	12835.93	164699	106.8004 ng/ml
a-hydroxyalprazolam	5.699	184266	670.50	67.6	772.14	251652	96.3095 ng/ml
alpha-PHP	4.944	391540	3219.70	258.5	11054.61	664228	103.7278 ng/ml
alpha-PVP	4.376	1494087	24392.26	52.7	573.23	664228	97.0090 ng/ml
Alprazolam	5.782	680911	1267.56	107.2	1056.06	251652	98.5013 ng/ml
Amphetamine	3.063	2491298	19834.65	52.4	643.90	412446	100.8752 ng/ml
Benzoylecgonine	3.892	31200	234.96	8.3	135.43	11075	99.1903 ng/ml
Buprenorphine	5.860	35637	2125.03	14.2	8340.59	130565	9.6180 ng/ml
Bupropion	4.795	1639853	119859.13	63.8	9831.22	593769	101.3743 ng/ml
Carisoprodol	5.730	689191	45316.68	55.8	1374.91	311625	93.0951 ng/ml
Citalopram	5.232	1175648	800.68	38.4	15029.95	533673	98.4318 ng/ml
Clonazepam	5.612	538219	7695.44	35.3	∞	73467	107.7511 ng/ml
Clonazepam	5.555	376812	22333.97	38.2	1176.99	73467	121.9802 ng/ml
Cocaine	4.277	962835	17449.16	55.4	584.99	876617	98.8956 ng/ml
Codeine	2.593	133565	94.35	98.0	198.98	67254	109.9531 ng/ml
Cyclobenzaprine	5.635	1091072	10342.38	7.5	370.86	433276	99.0934 ng/ml
Dextromethorphan	5.275	769194	17590.63	79.8	422.44	381371	97.7368 ng/ml
Dextrophan	4.132	455248	15439.54	211.4	715.43	513045	100.9646 ng/ml
Diazepam	5.960	505010	5606.21	91.6	7363.60	245379	101.7797 ng/ml
Dihydrocodeine	2.572	337795	368.98	61.9	9684.67	222350	105.3401 ng/ml
Diphenhydramine	5.303	3563247	32407.36	32.0	14041.44	1940882	98.1364 ng/ml
Doxylamine	4.549	3423290	21343.45	97.5	3416.48	1465693	103.7796 ng/ml
EDDP	5.268	1409694	44921.19	40.7	28903.06	777417	99.6474 ng/ml
Etizolam	5.820	285236	2628.11	26.4	5725.99	73467	141.9268 ng/ml
Fentanyl	5.109	127811	629.30	71.8	4081.00	720153	10.3317 ng/ml
Flualprazolam	5.712	308040	6579.06	102.6	4275.39	251652	108.9895 ng/ml
Fluoxetine	5.727	1340569	46012.42	8.7	16680.66	493053	98.5368 ng/ml
Hydrocodone	3.032	527934	2609.65	34.8	349.77	306868	103.1810 ng/ml
Hydromorphone	1.621	423401	28.11	75.9	894826.35	139340	100.2641 ng/ml
Ketamine	4.065	1024337	36910.65	38.4	528.78	485915	102.3099 ng/ml
Lamotrigine	4.294	92444	890.69	84.2	1054.84	485915	107.6453 ng/ml
Levetiracetam	2.656	480501	2875.11	140.5	40.45	1388110	92.7528 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

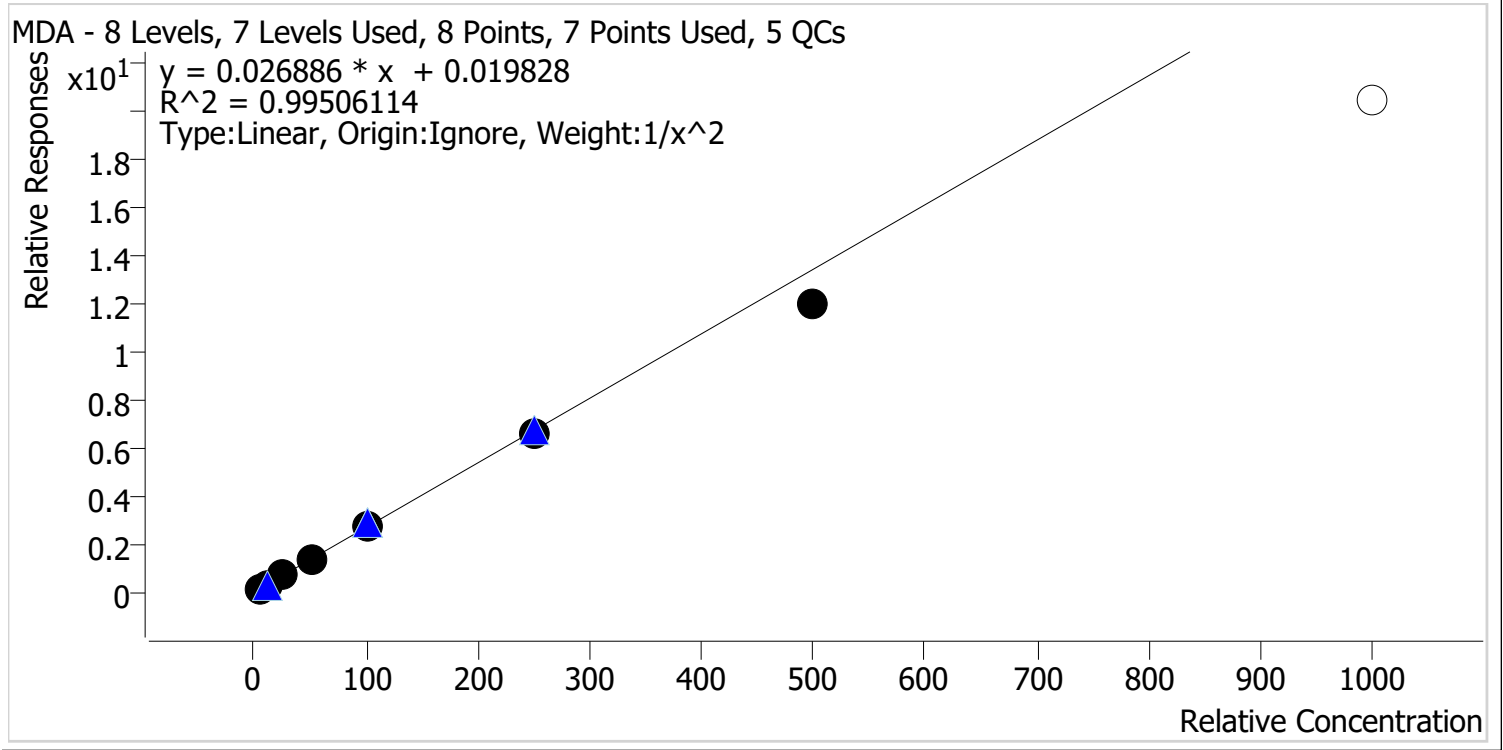
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	469136	7635.99	52.7	908.35	73467	110.1183 ng/ml
MDA	3.209	1656281	4436.41	29.9	208.90	582510	105.0178 ng/ml
MDMA	3.303	1033815	1601.74	93.9	4160.03	123249	101.2670 ng/ml
Meprobamate	4.911	470427	890.12	24.9	800.66	269464	99.3265 ng/ml
Methadone	5.666	2021209	1093.92	51.0	21374.51	871560	93.9983 ng/ml
Methamphetamine	3.238	2361544	3264.37	38.8	2458.73	961997	104.9004 ng/ml
Metoprolol	4.340	277905	4079.58	96.4	7665.42	1335554	103.0545 ng/ml
Mirtazapine	4.637	2246014	3013.60	46.3	6715.48	664228	102.3409 ng/ml
Mitragynine	5.243	497536	27147.05	36.6	433552.78	871560	130.1813 ng/ml
Morphine	1.253	58381	937.35	20.3	719.57	10473	100.2331 ng/ml
Norbuprenorphine	5.006	4658	154.18	103.3	15975.58	22390	9.8791 ng/ml
Nordiazepam	5.900	463690	519.61	58.2	2794.10	162138	99.3031 ng/ml
Norfentanyl	4.093	233329	448.89	36.8	220.19	1068629	9.3380 ng/ml
Norhydrocodone	3.080	83656	357.80	40.2	98.08	68197	95.1960 ng/ml
Noroxycodone	2.923	518789	4921.52	48.6	406.74	181200	102.7149 ng/ml
O-desmethyl-tramadol	3.383	2298065	31560.78	5.8	4416.66	1390121	95.0620 ng/ml
Oxazepam	5.756	678332	640.61	72.4	1812.61	270788	100.5782 ng/ml
Oxycodone	2.848	1038726	6566.43	29.4	1375.42	433457	102.6151 ng/ml
Oxymorphone	1.411	442166	∞	46.0	170.37	151516	99.4130 ng/ml
Phentermine	3.790	629898	6724.76	5.5	560.03	761959	103.1025 ng/ml
Promethazine	5.552	2265248	1188.78	30.4	1270.86	1005624	96.4135 ng/ml
Pseudoephedrine	2.596	2790256	11988.59	17.2	281.64	1388110	96.3011 ng/ml
Quetiapine	5.569	1318814	5615.96	62.1	208.30	207834	100.2892 ng/ml
Sertraline	5.796	441999	1924.64	92.1	7509.73	199853	94.2831 ng/ml
Temazepam	5.823	1125306	760.45	26.6	368.28	570234	97.4593 ng/ml
Tramadol	4.259	2481410	∞	3.3	89.44	1335554	98.9459 ng/ml
Trazodone	5.163	1720635	1789.64	78.3	565.86	703523	105.1587 ng/ml
Venlafaxine	5.050	2166029	18613.21	33.7	6979.79	1219348	95.7536 ng/ml
Zolpidem	4.928	2334672	11617.31	29.4	21844.64	1052159	104.8647 ng/ml

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**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	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	242.9	97.2
p1 Cal 7-500ng	7	✓	500.0	446.3	89.3
p1 Cal 8-1000ng	8	x	1000.0	761.4	76.1

Cal 8 removed due to accuracy

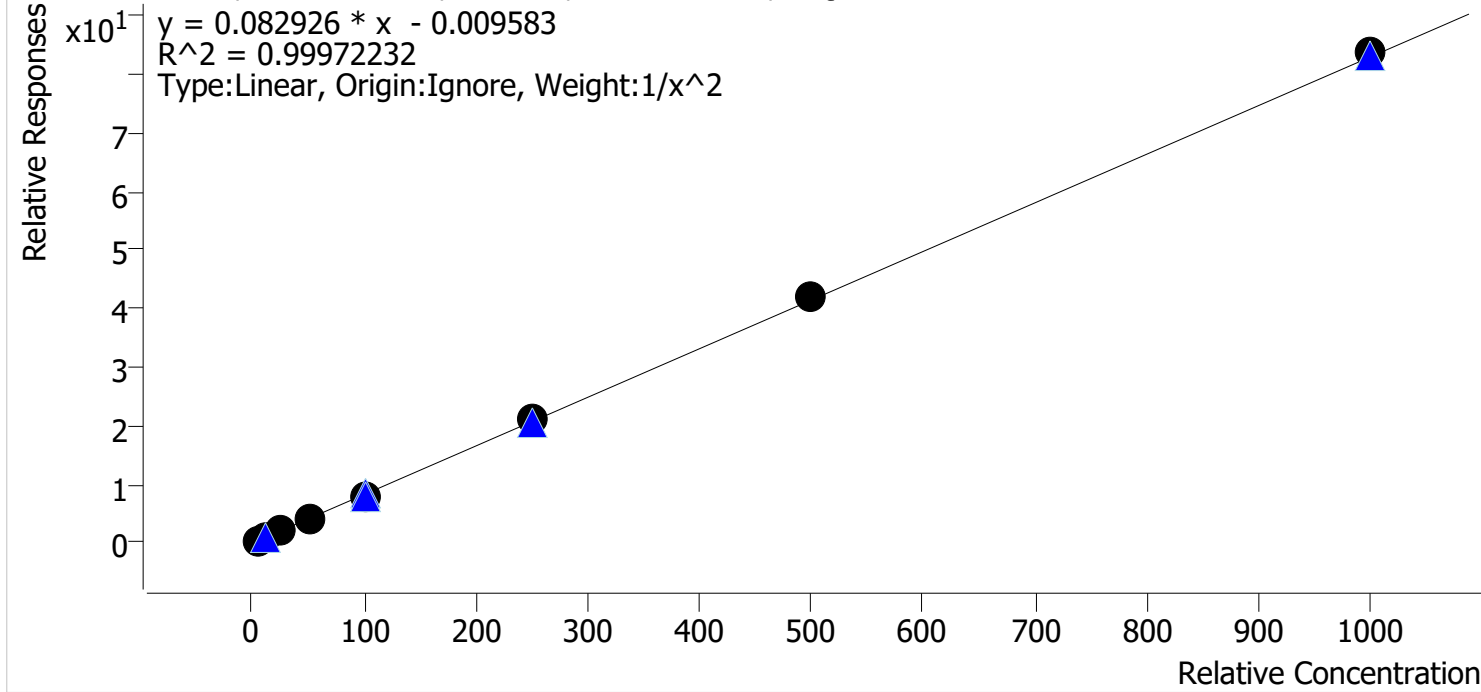
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6

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



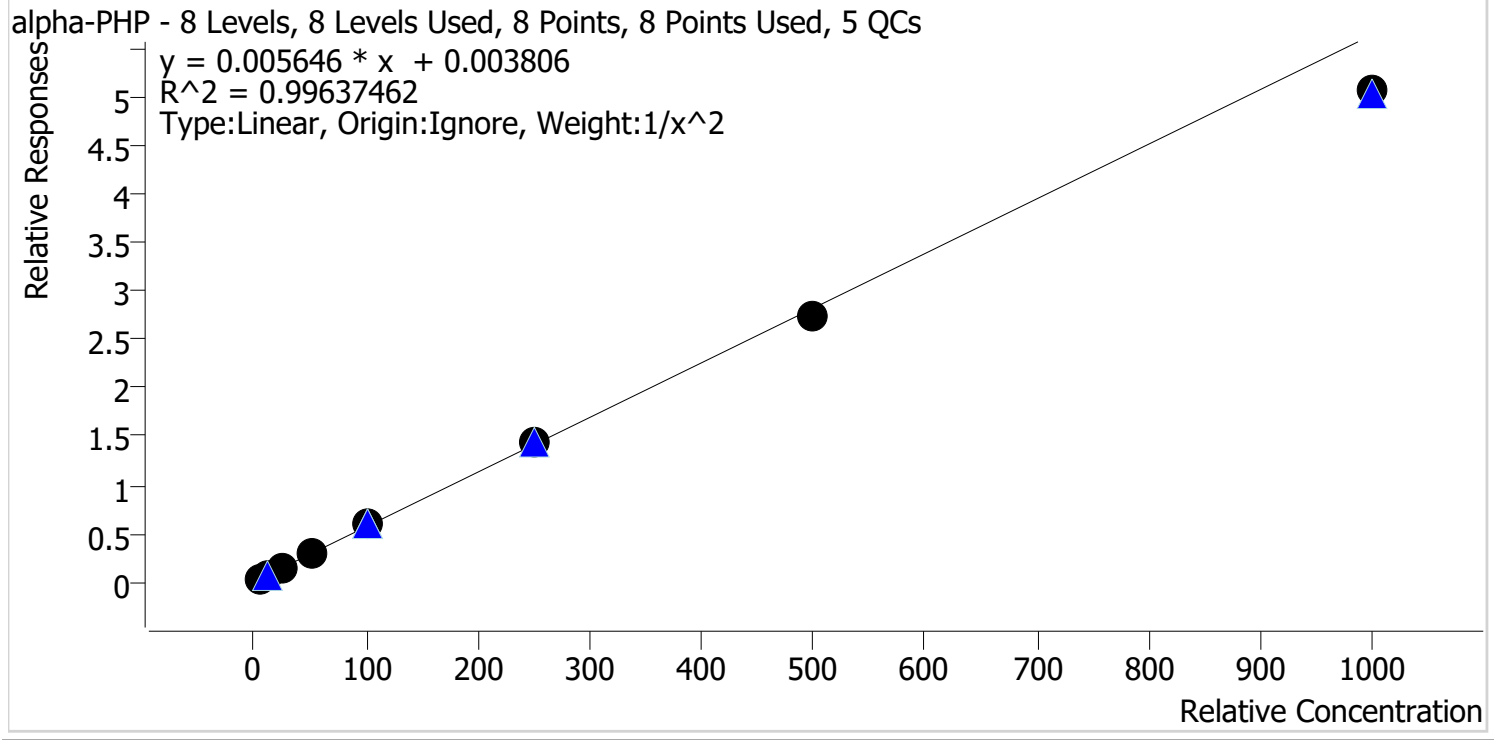
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	505.4	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1009.2	100.9

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** alpha-PHP **Internal Standard** alpha-PVP-d8



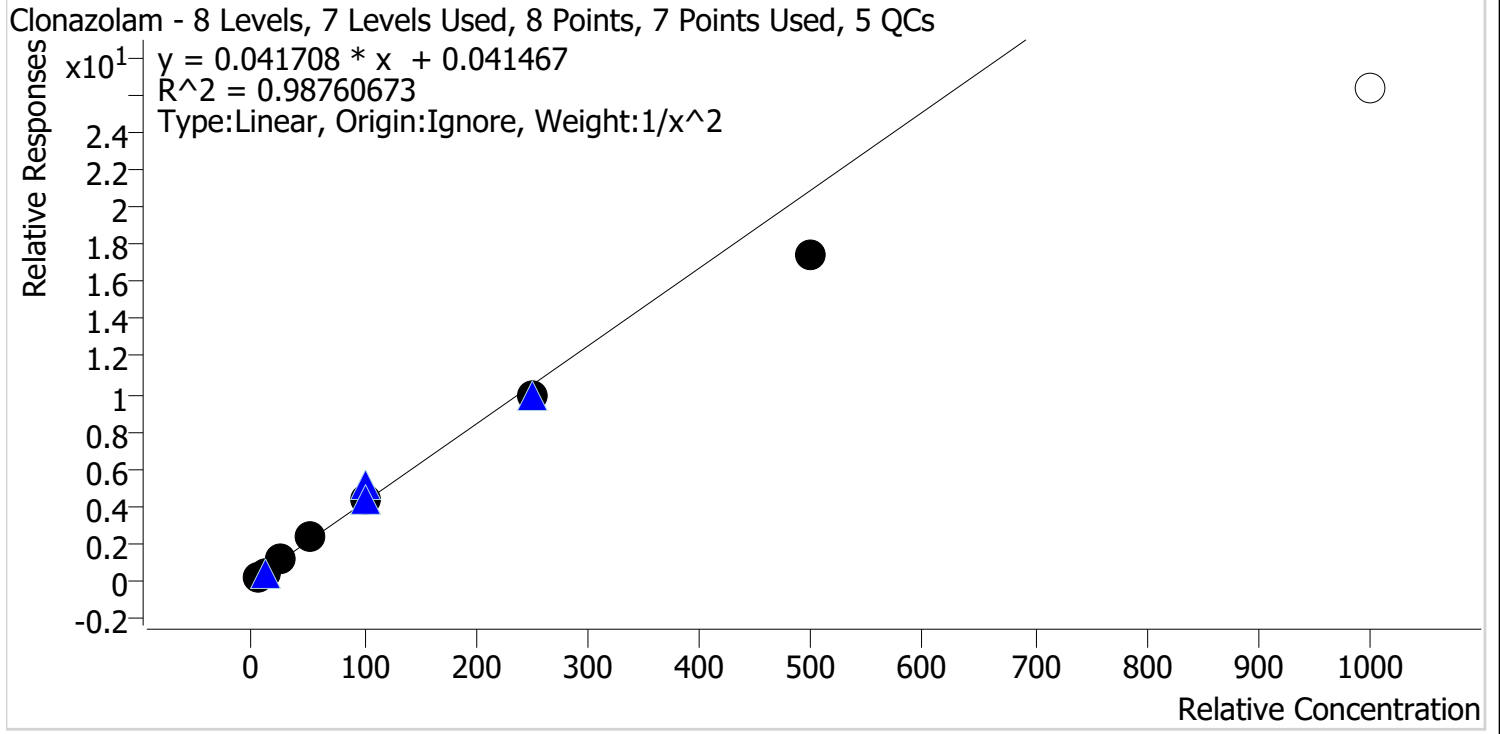
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	482.2	96.4
p1 Cal 8-1000ng	8	✓	1000.0	898.1	89.8



TS

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

Batch results D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/23/2022 1:36 PM  
 Analyst Name ISP\Datator  
 Analyte Clonazolam Internal Standard Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	238.4	95.3
p1 Cal 7-500ng	7	✓	500.0	416.9	83.4
p1 Cal 8-1000ng	8	✗	1000.0	629.6	63.0

Cal 8 removed due to accuracy

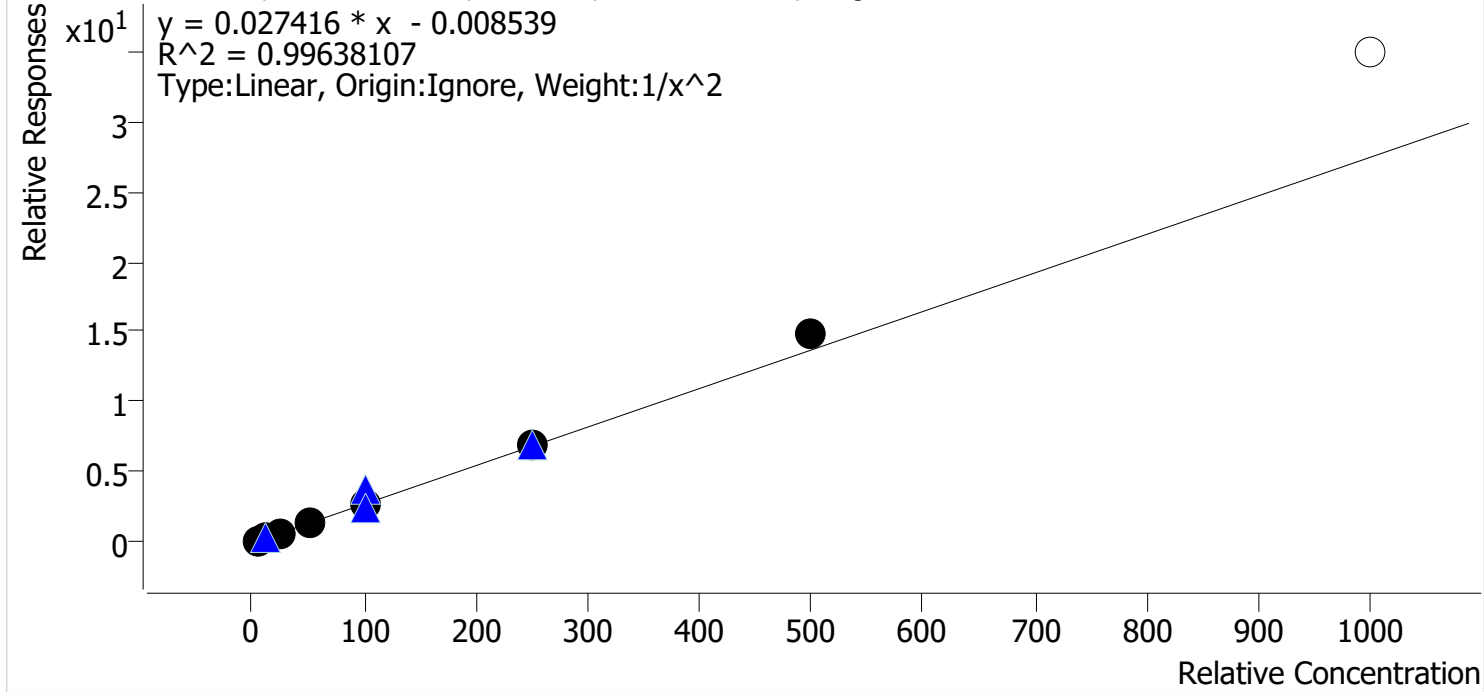
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Etizolam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	547.0	109.4
p1 Cal 8-1000ng	8	✗	1000.0	1271.7	127.2

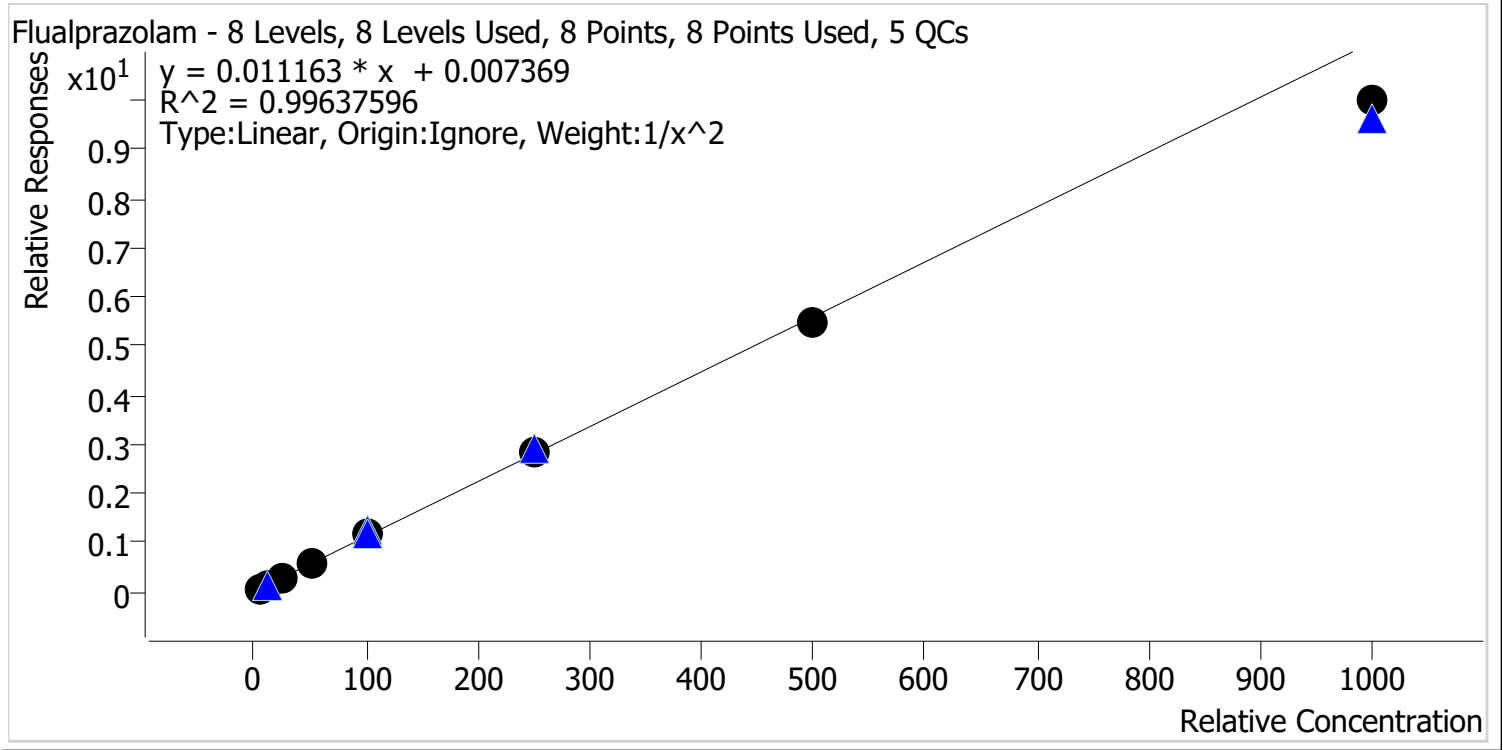
Cal 8 removed due to accuracy

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**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	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	489.3	97.9
p1 Cal 8-1000ng	8	✓	1000.0	893.8	89.4

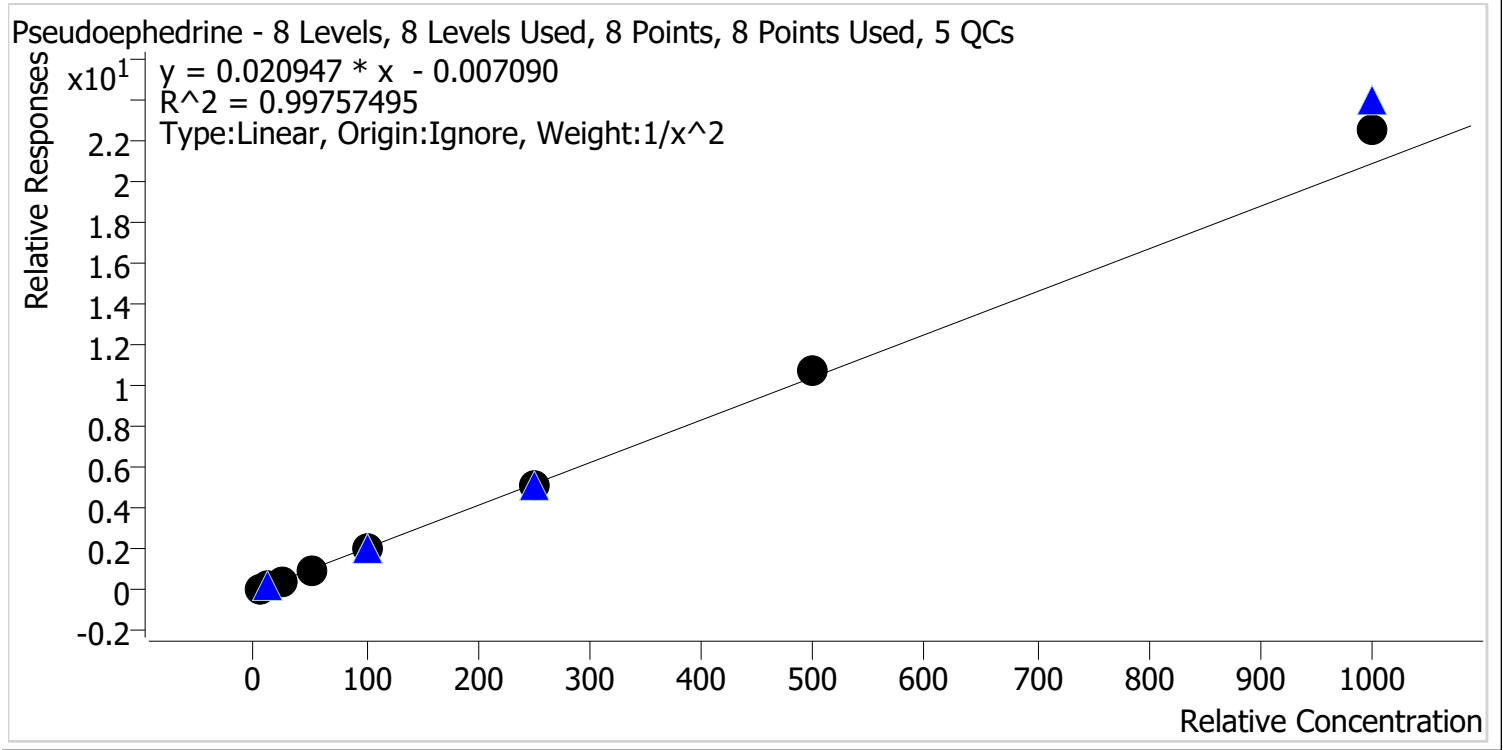


TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datator  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



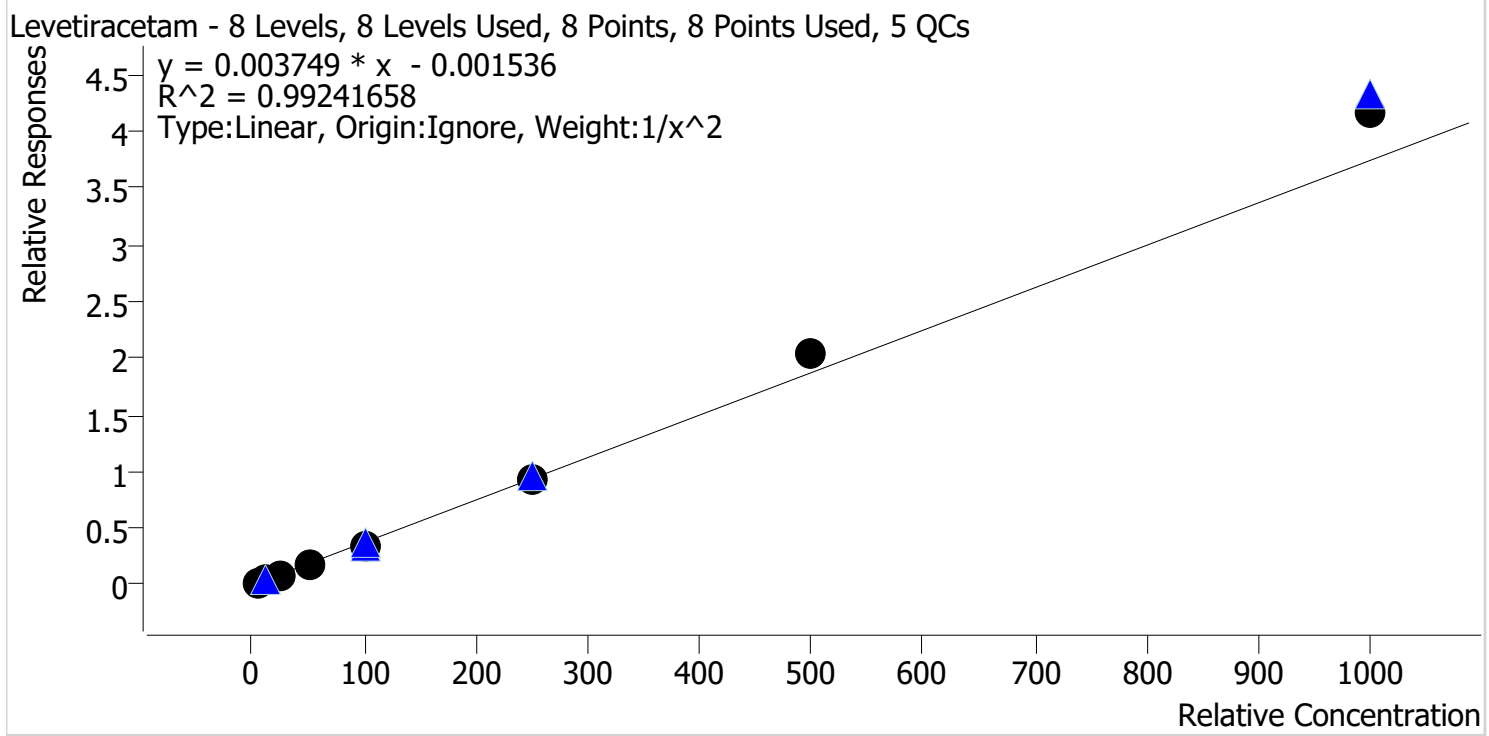
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	515.2	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1081.4	108.1

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Levetiracetam **Internal Standard** Pseudoephedrine-D3



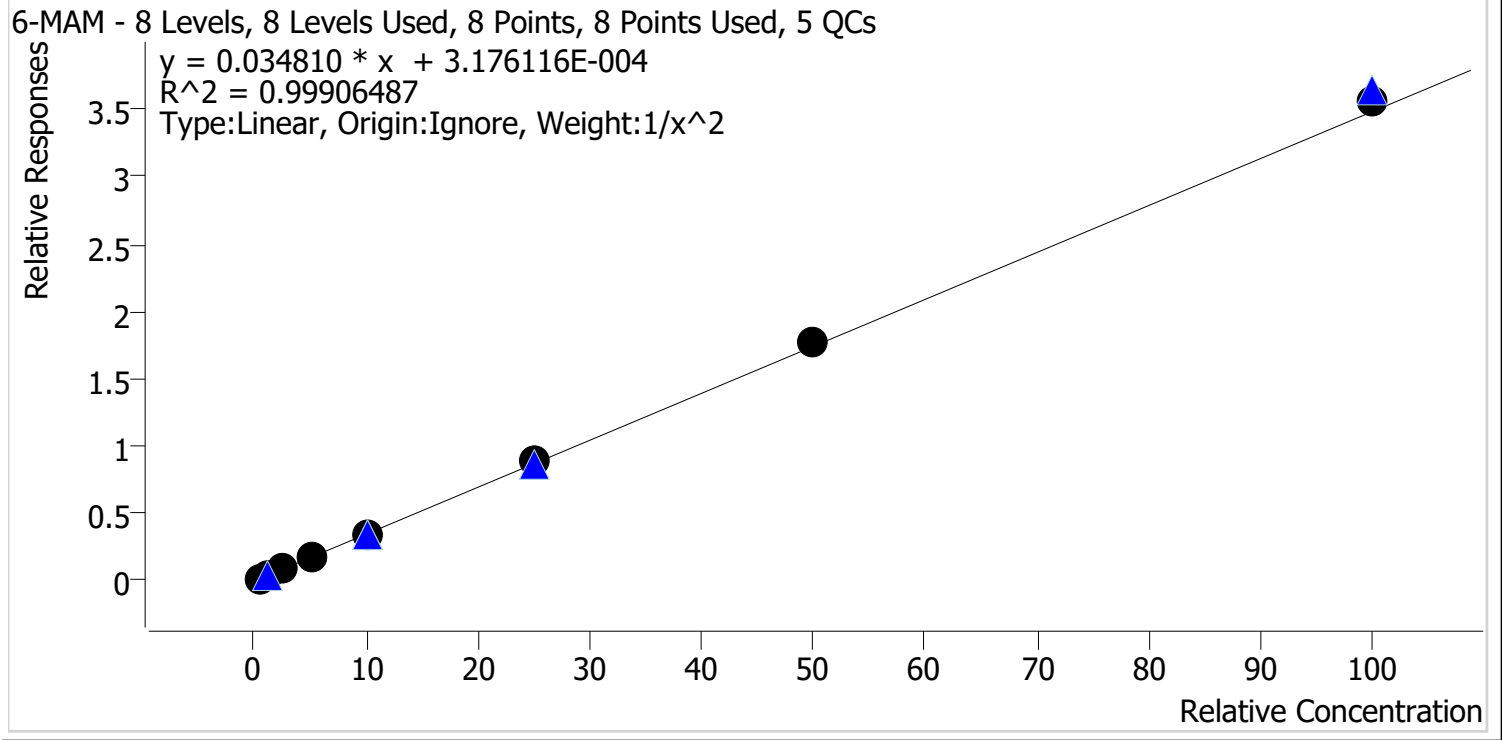
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	89.7	89.7
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	544.2	108.8
p1 Cal 8-1000ng	8	✓	1000.0	1116.2	111.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6



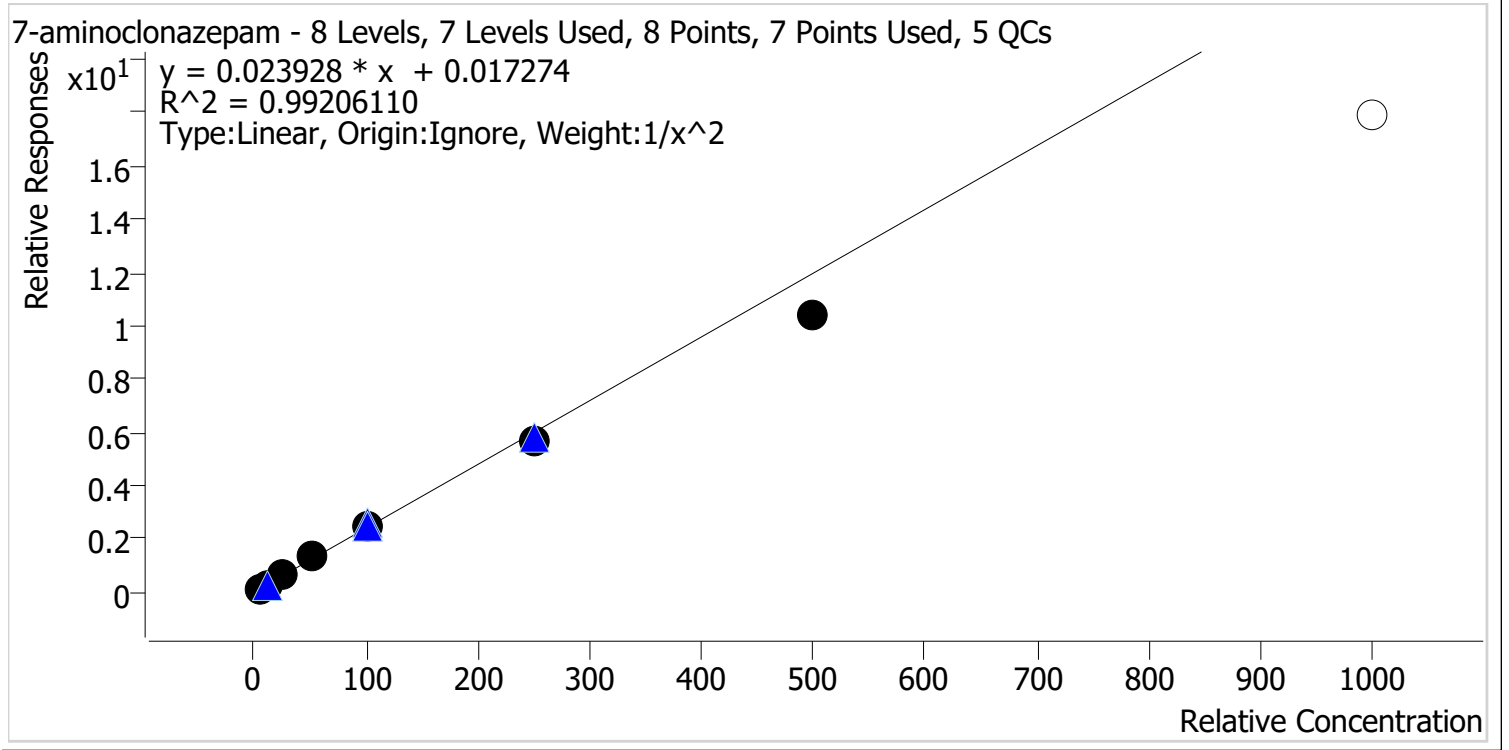
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng	2	✓	1.0	1.0	95.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.3
p1 Cal 4-50ng	4	✓	5.0	5.0	99.5
p1 Cal 5-100ng	5	✓	10.0	9.9	98.8
p1 Cal 6-250ng	6	✓	25.0	25.4	101.5
p1 Cal 7-500ng	7	✓	50.0	51.2	102.4
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1



TS

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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datator  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



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	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	237.0	94.8
p1 Cal 7-500ng	7	✓	500.0	434.9	87.0
p1 Cal 8-1000ng	8	✗	1000.0	746.5	74.7

Cal 8 removed due to accuracy

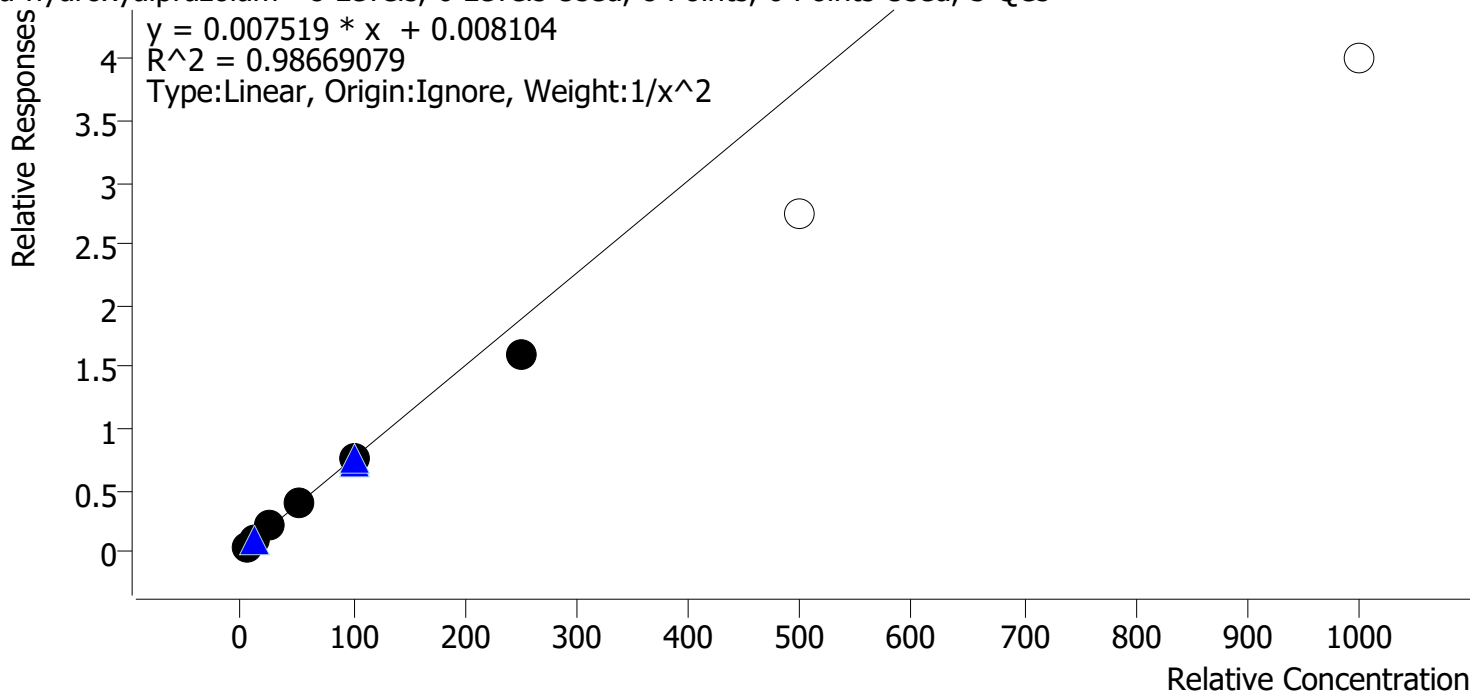
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.8	107.6
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	211.7	84.7
p1 Cal 7-500ng	7	x	500.0	363.9	72.8
p1 Cal 8-1000ng	8	x	1000.0	531.3	53.1

Cal 7 and 8 removed due to accuracy

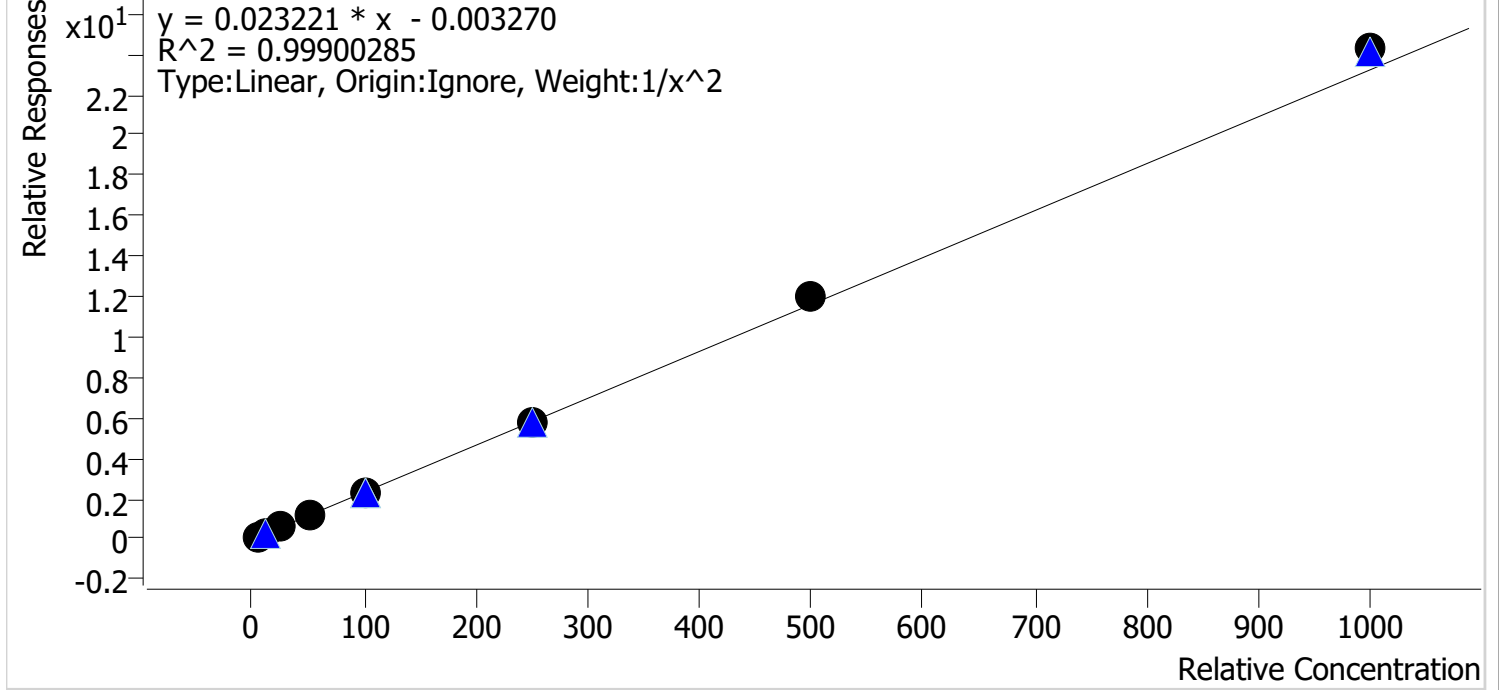
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



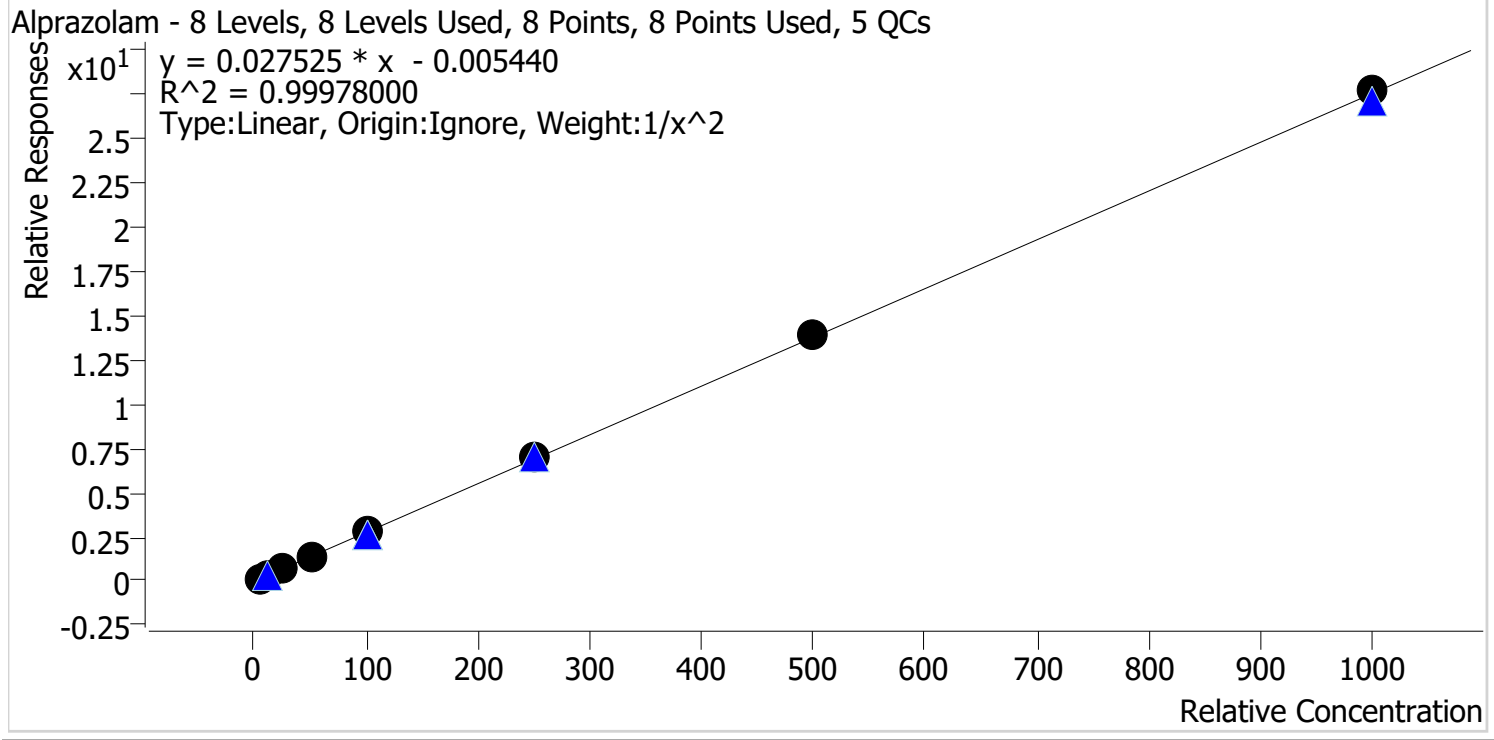
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	514.7	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1045.2	104.5

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5



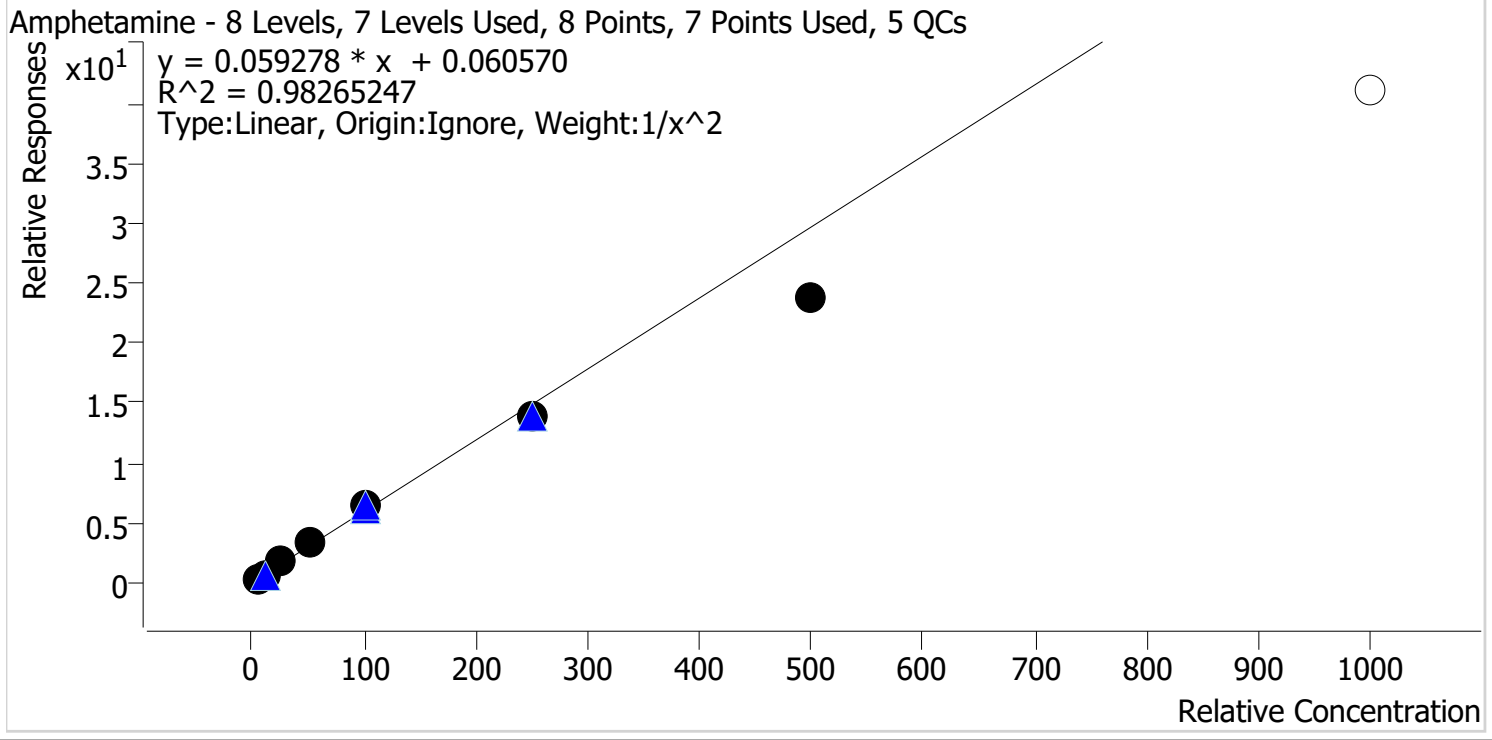
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	508.7	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1006.1	100.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	28.2	112.9
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	232.7	93.1
p1 Cal 7-500ng	7	✓	500.0	402.7	80.5
p1 Cal 8-1000ng	8	✗	1000.0	691.9	69.2

Cal 8 removed due to accuracy

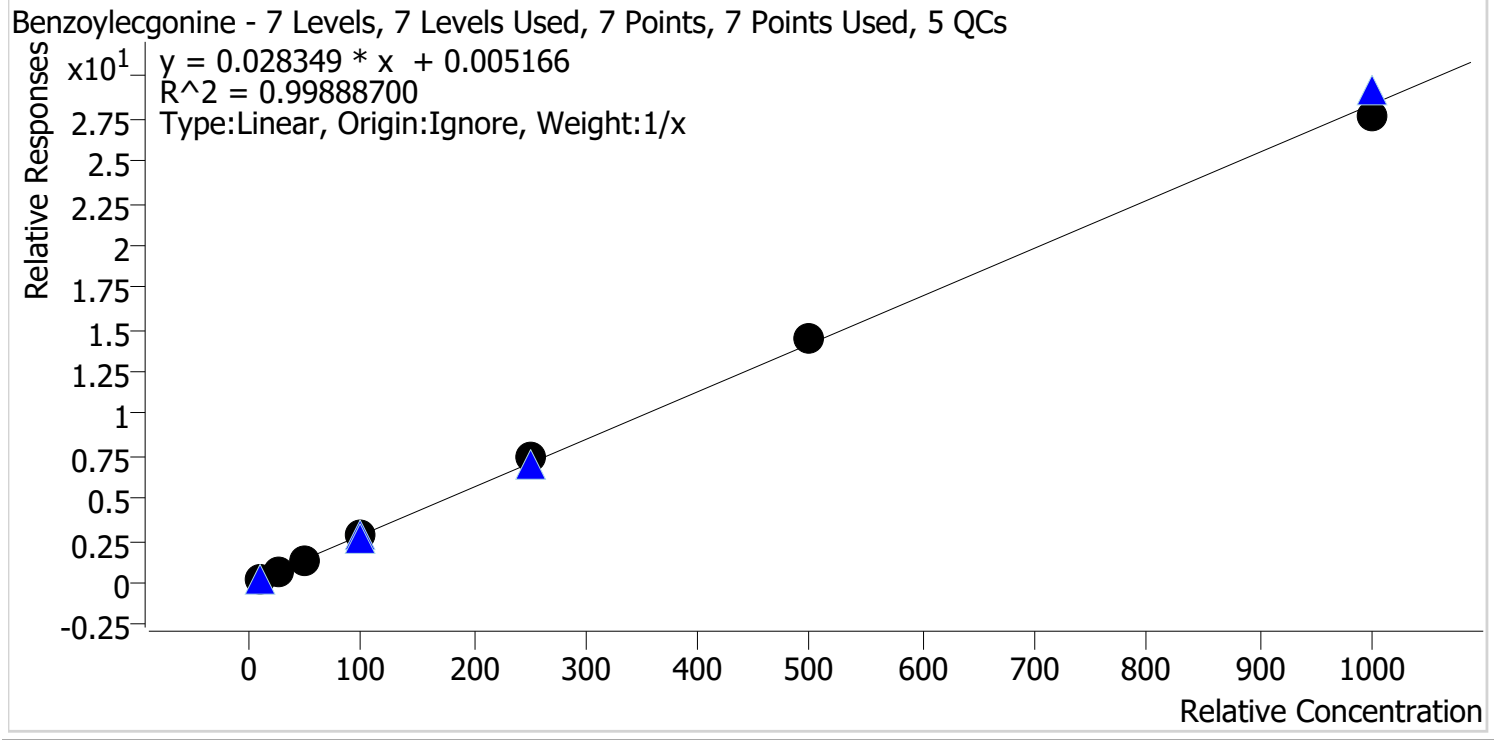


TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	266.2	106.5
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	977.0	97.7

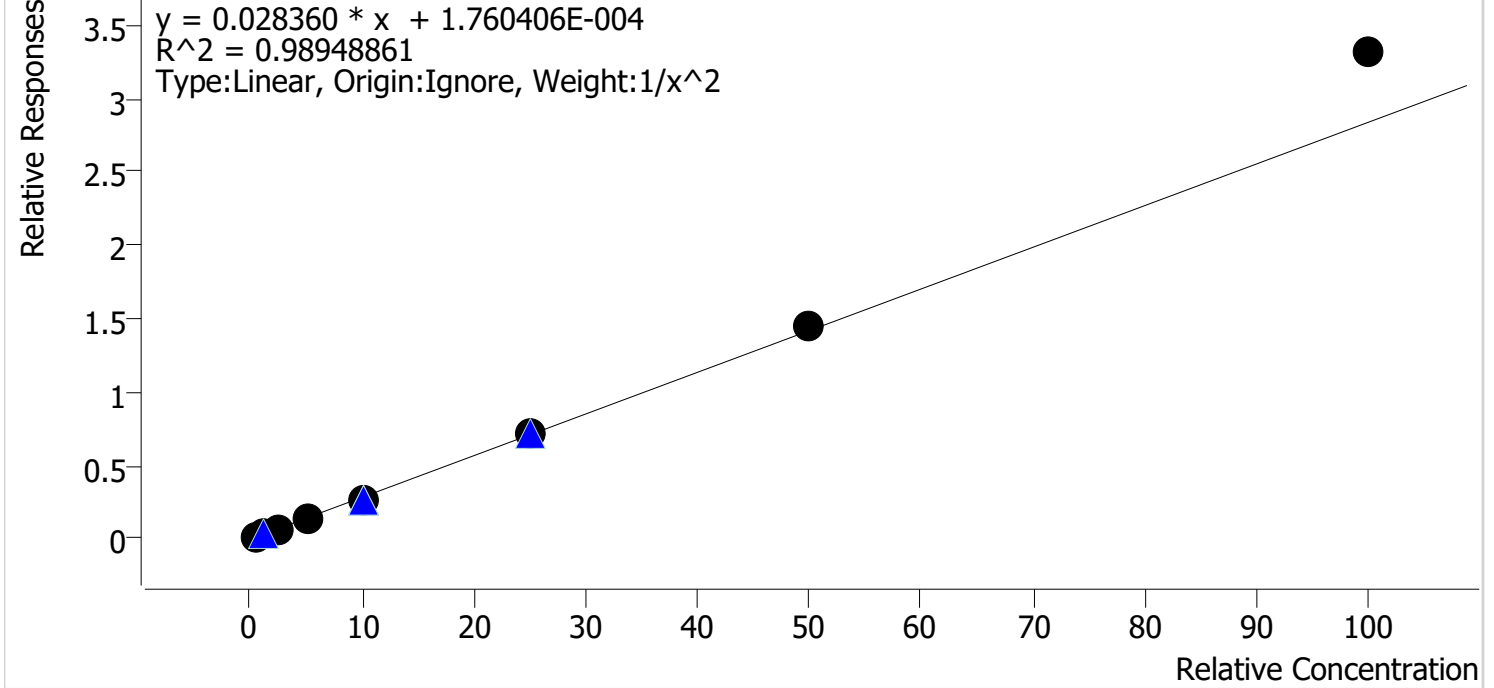
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

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



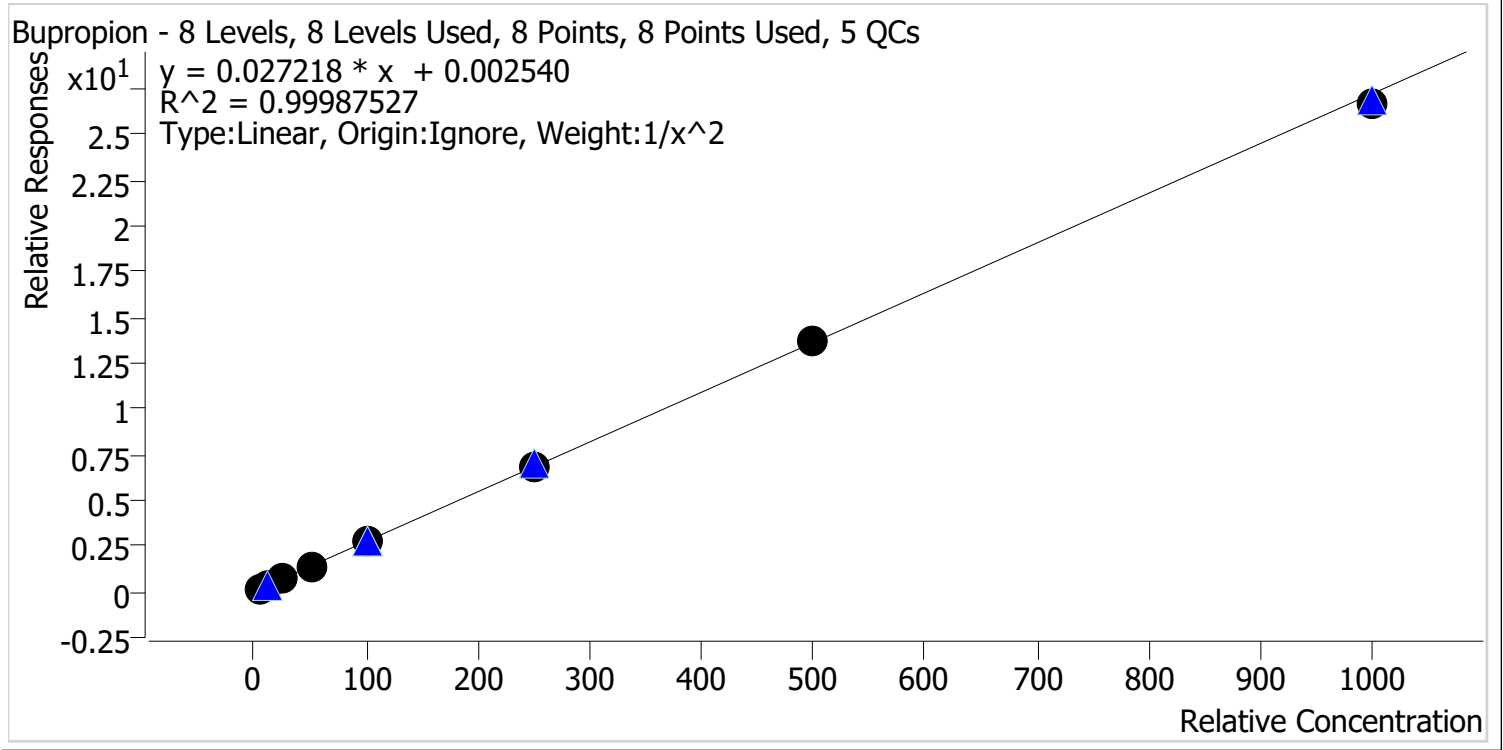
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	107.4
p1 Cal 2-10ng	2	✓	1.0	0.9	88.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.6
p1 Cal 4-50ng	4	✓	5.0	4.7	93.8
p1 Cal 5-100ng	5	✓	10.0	9.5	95.3
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	51.5	103.1
p1 Cal 8-1000ng	8	✓	100.0	116.8	116.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9



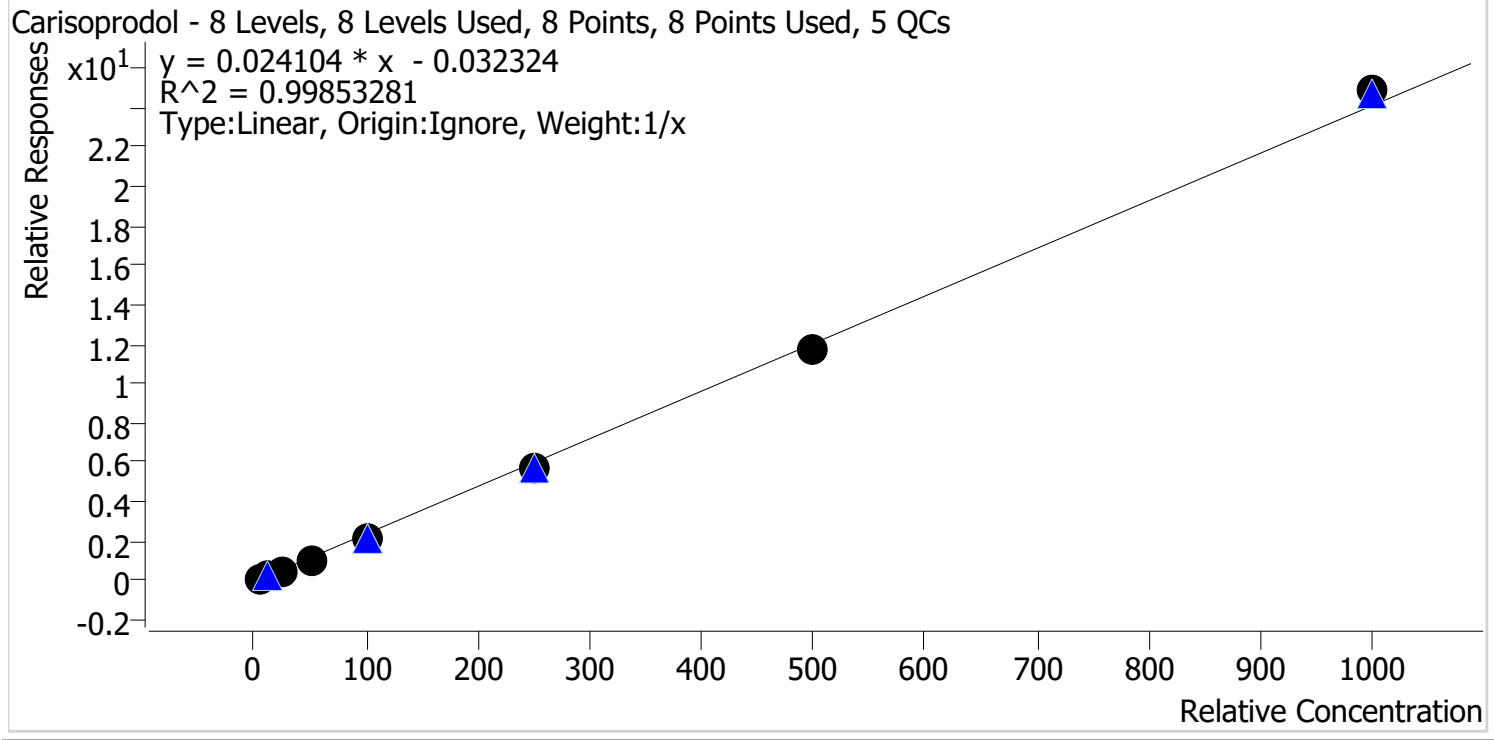
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	983.4	98.3

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**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	5.9	118.0
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	46.2	92.4
p1 Cal 5-100ng	5	✓	100.0	93.4	93.4
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	486.8	97.4
p1 Cal 8-1000ng	8	✓	1000.0	1031.6	103.2

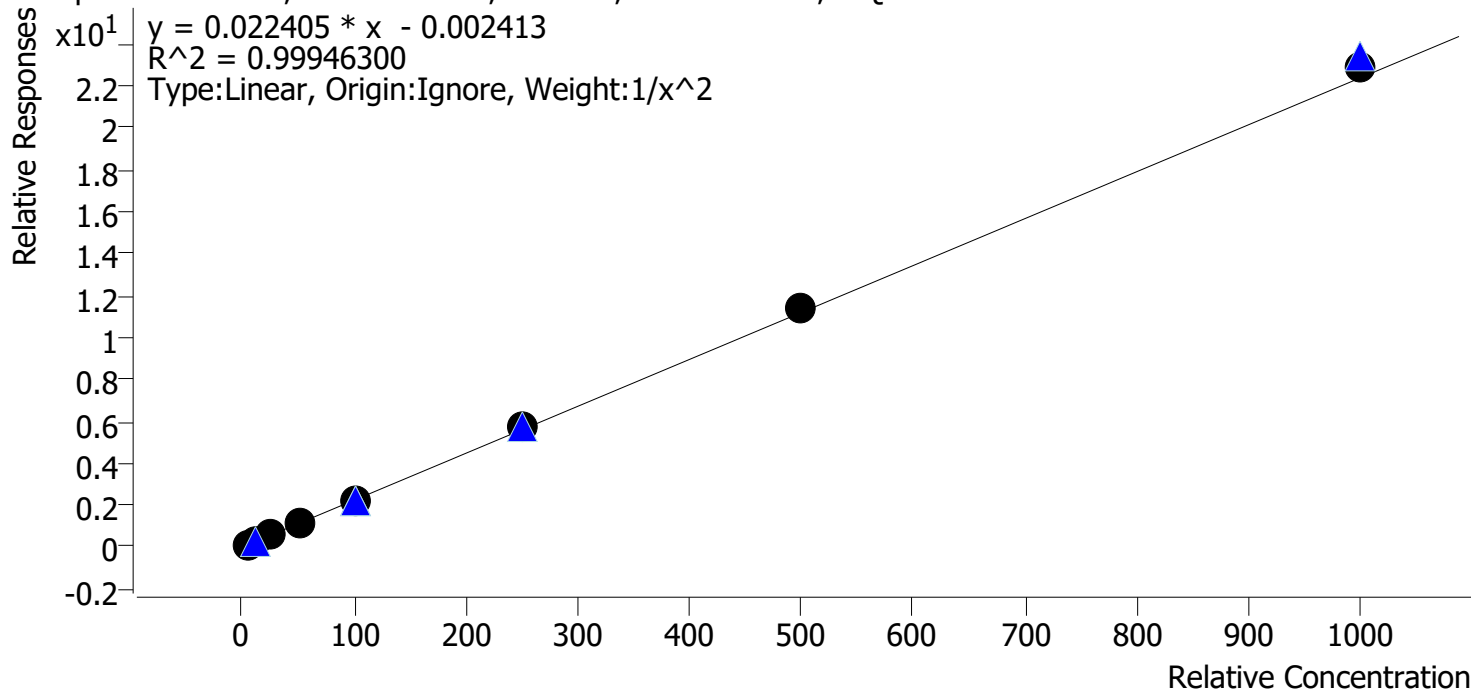
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1024.8	102.5

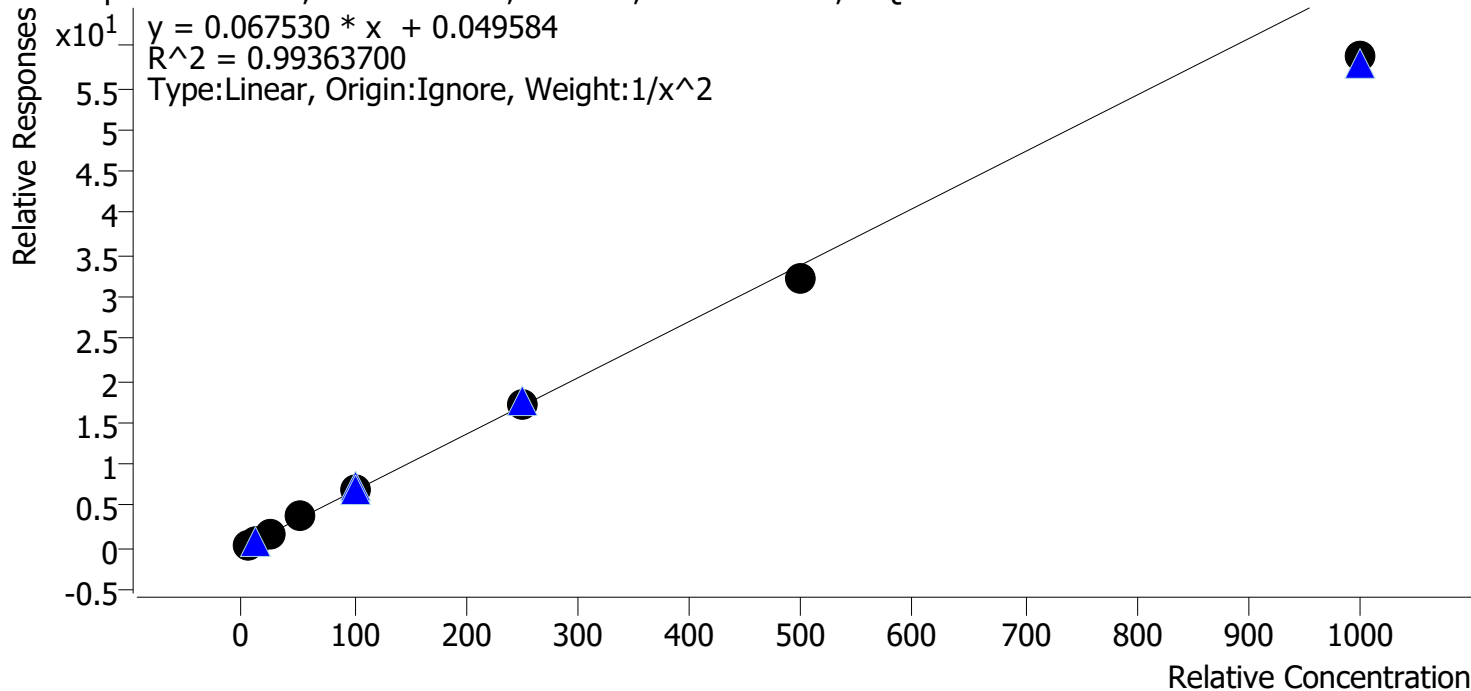
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4

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



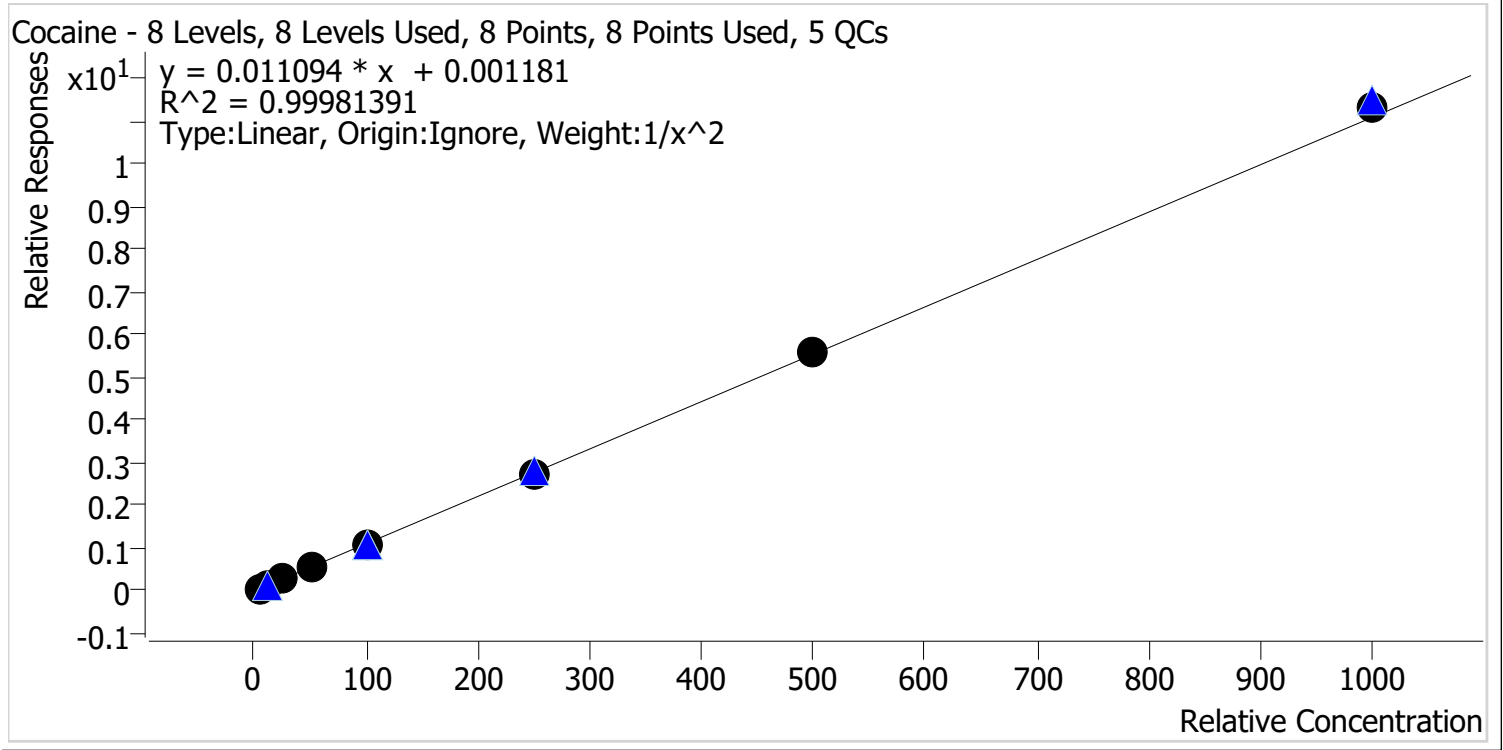
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	475.0	95.0
p1 Cal 8-1000ng	8	✓	1000.0	868.5	86.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datator  
**Analyte** Cocaine **Internal Standard** Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	502.0	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1018.8	101.9

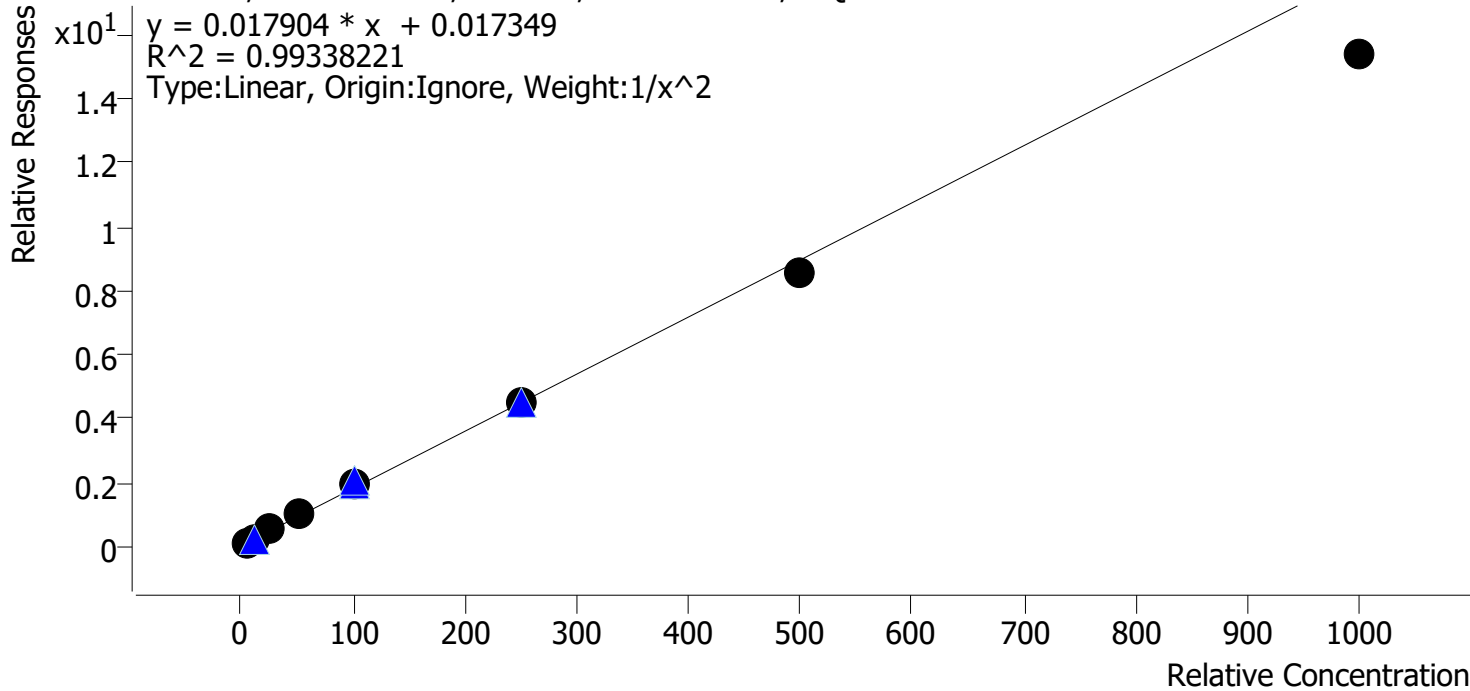
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	479.7	95.9
p1 Cal 8-1000ng	8	✓	1000.0	859.4	85.9

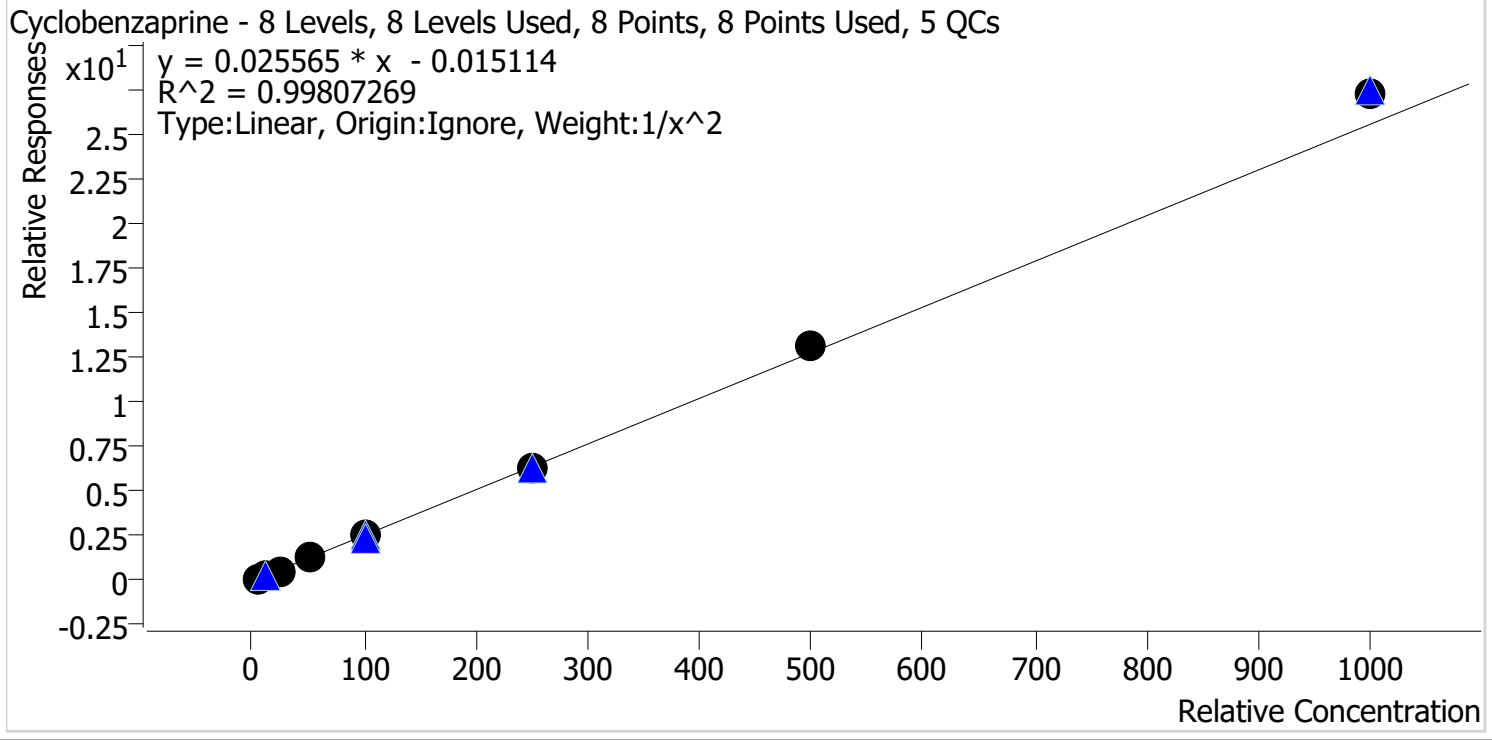


TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1064.6	106.5

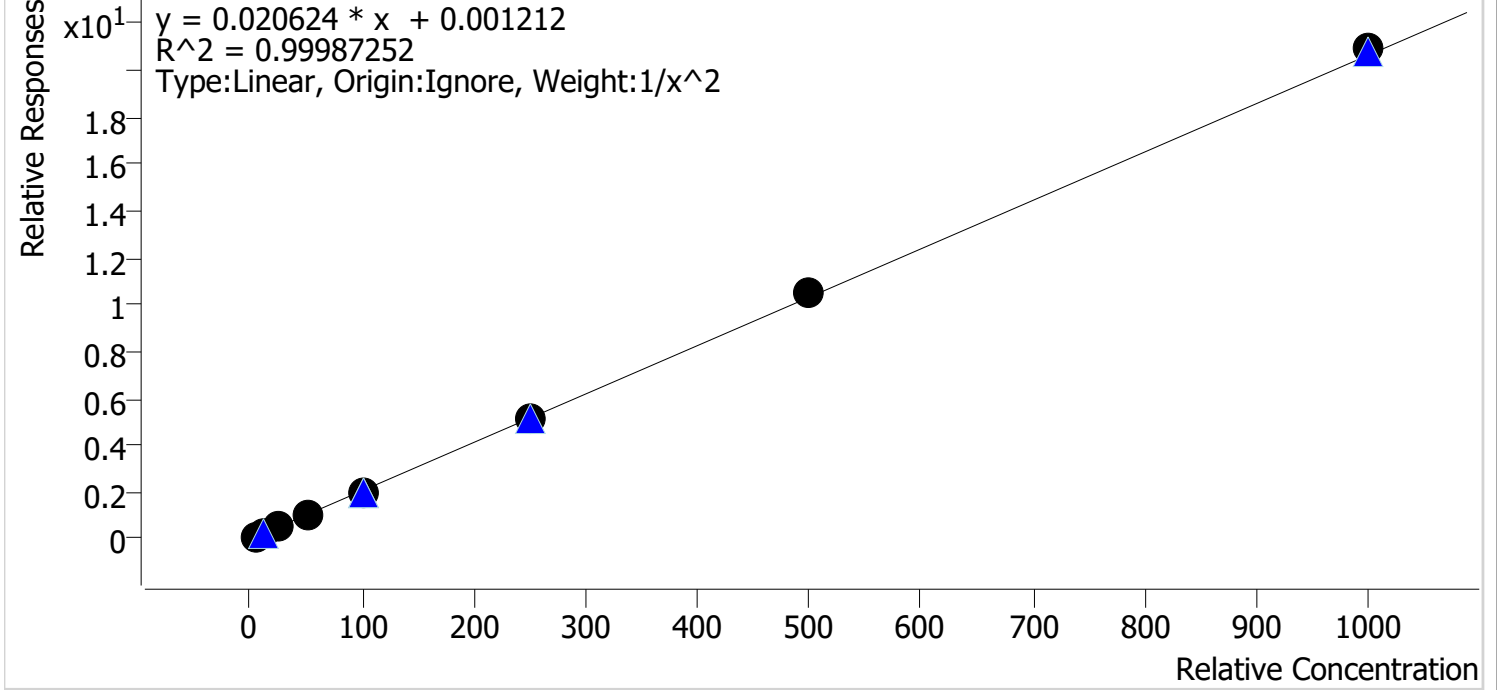
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



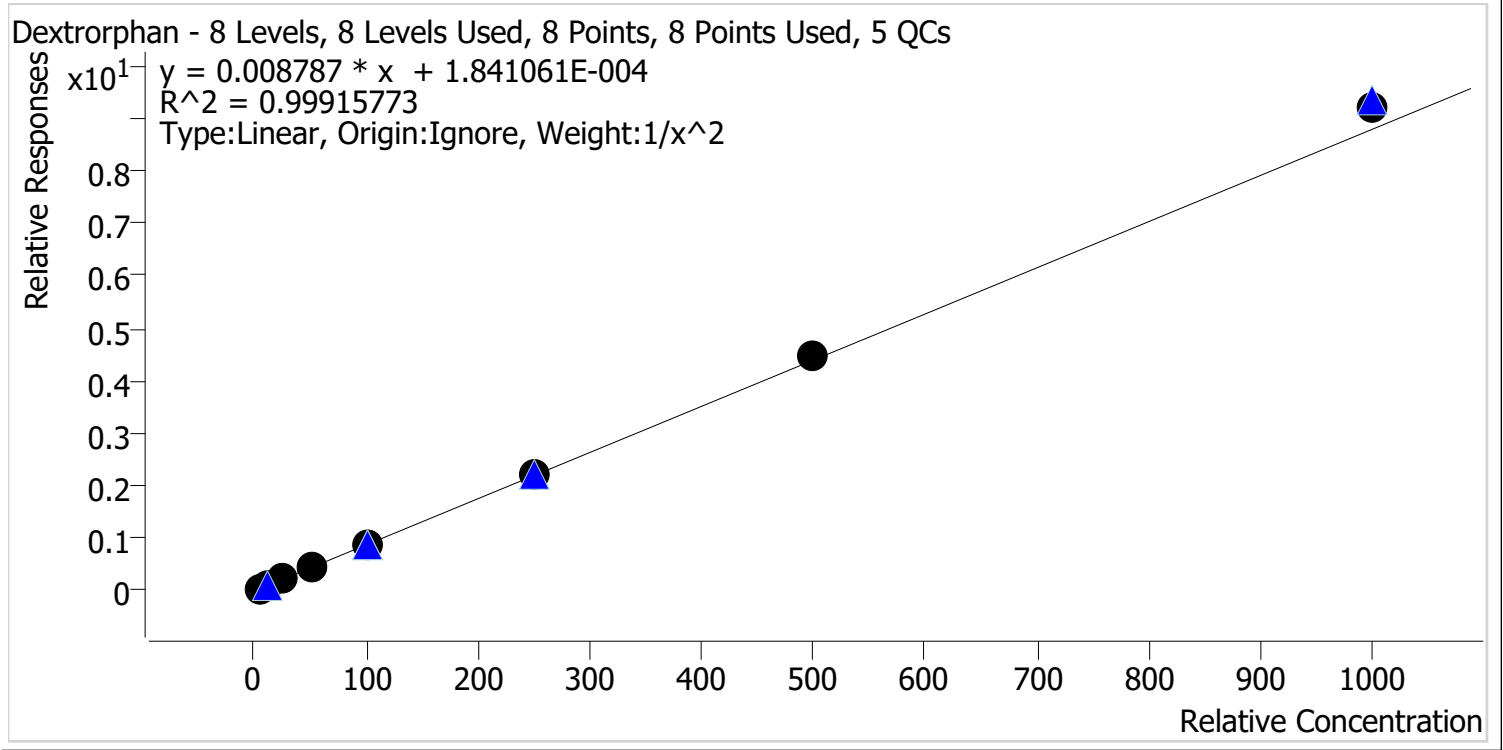
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1013.8	101.4

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Dextrophan Internal Standard Dextrophan-D3



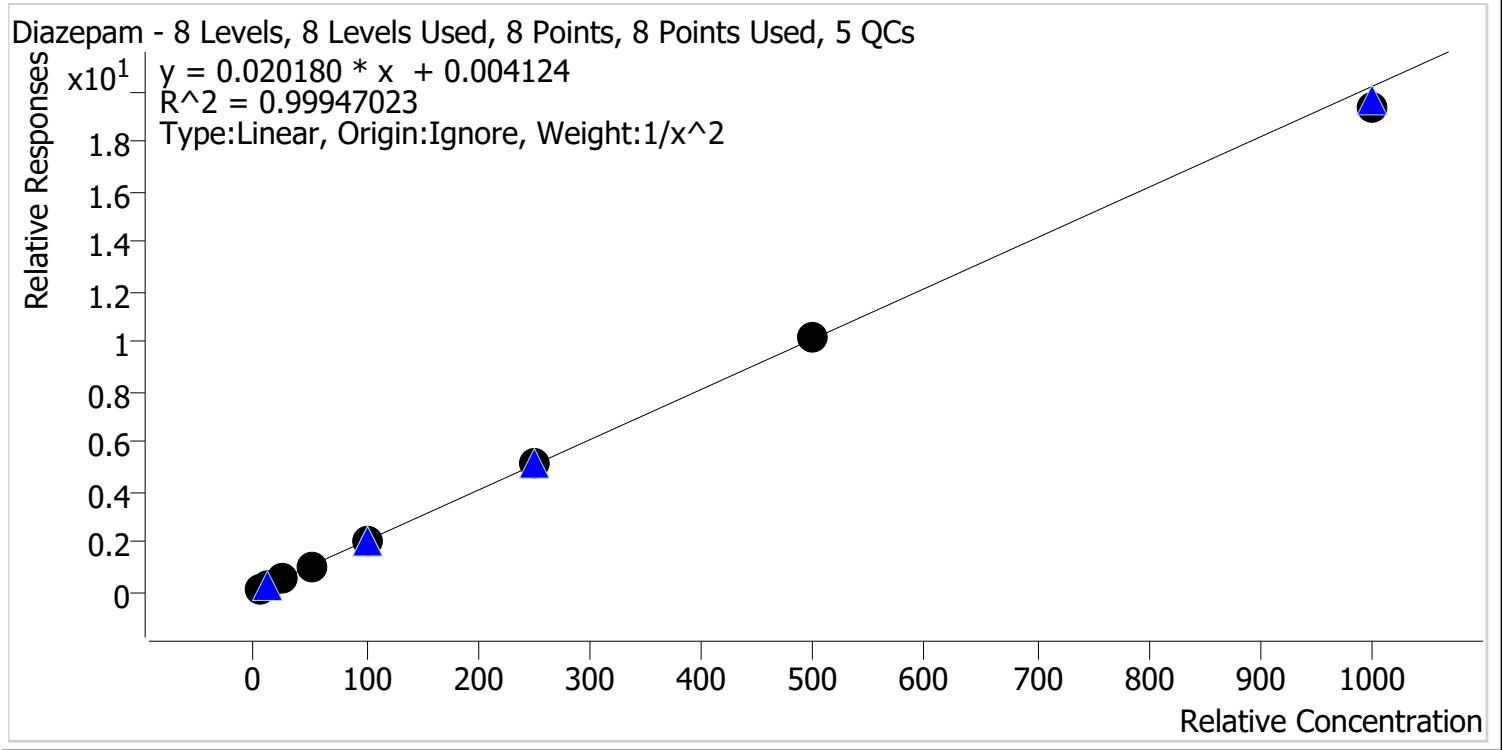
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1047.6	104.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	955.0	95.5

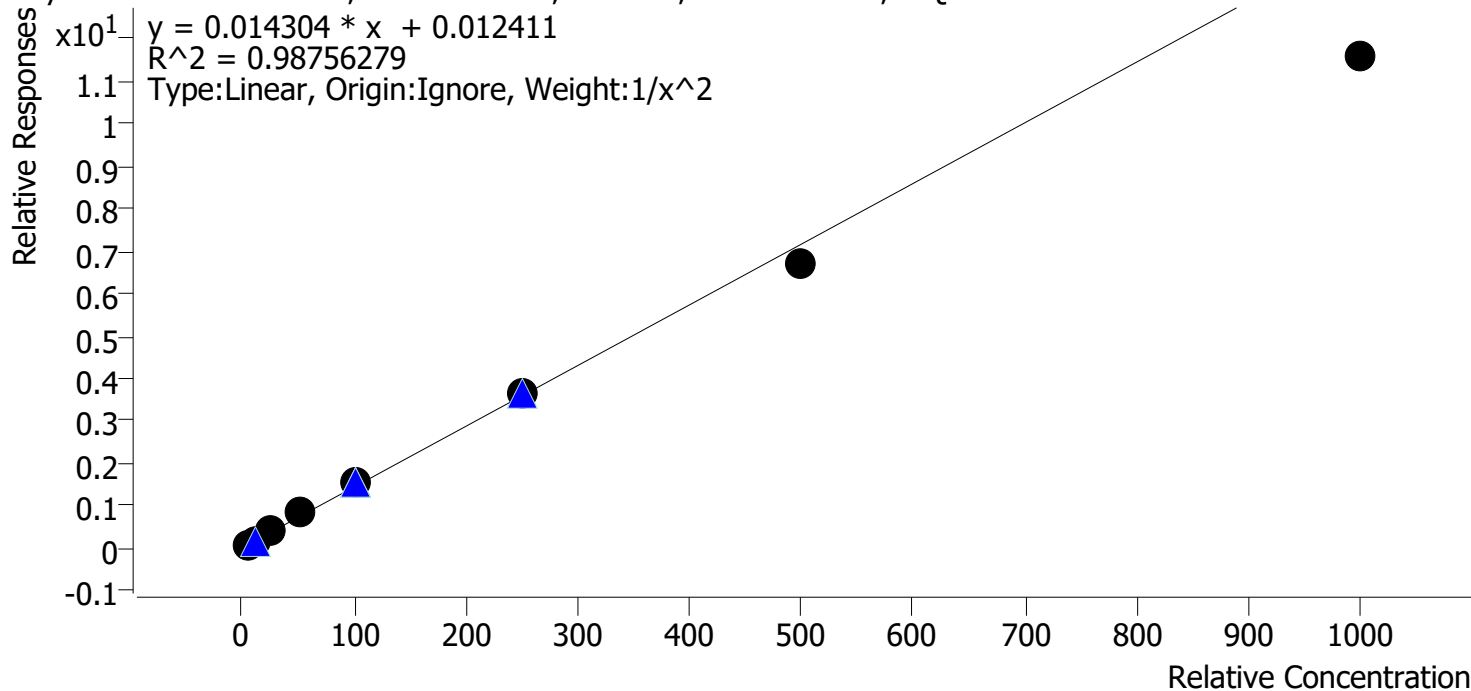
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	55.8	111.7
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	469.6	93.9
p1 Cal 8-1000ng	8	✓	1000.0	809.1	80.9

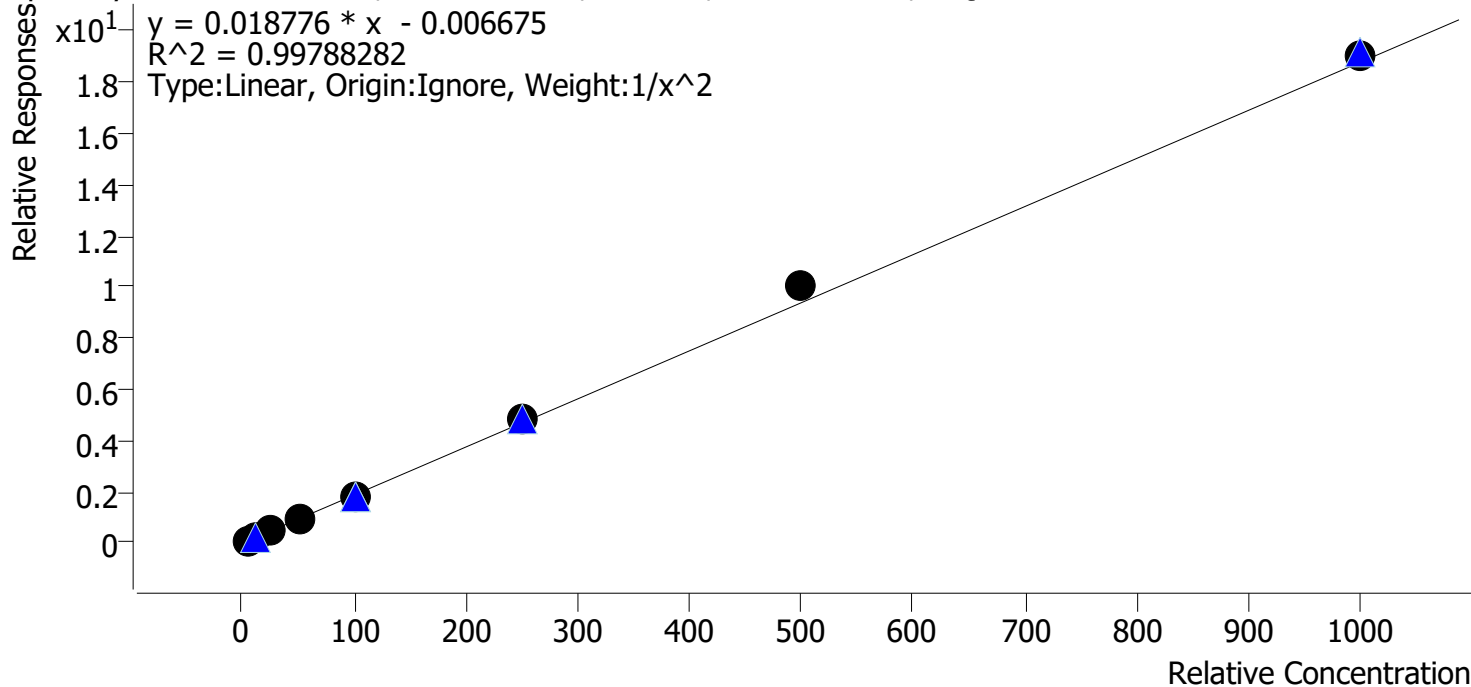
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



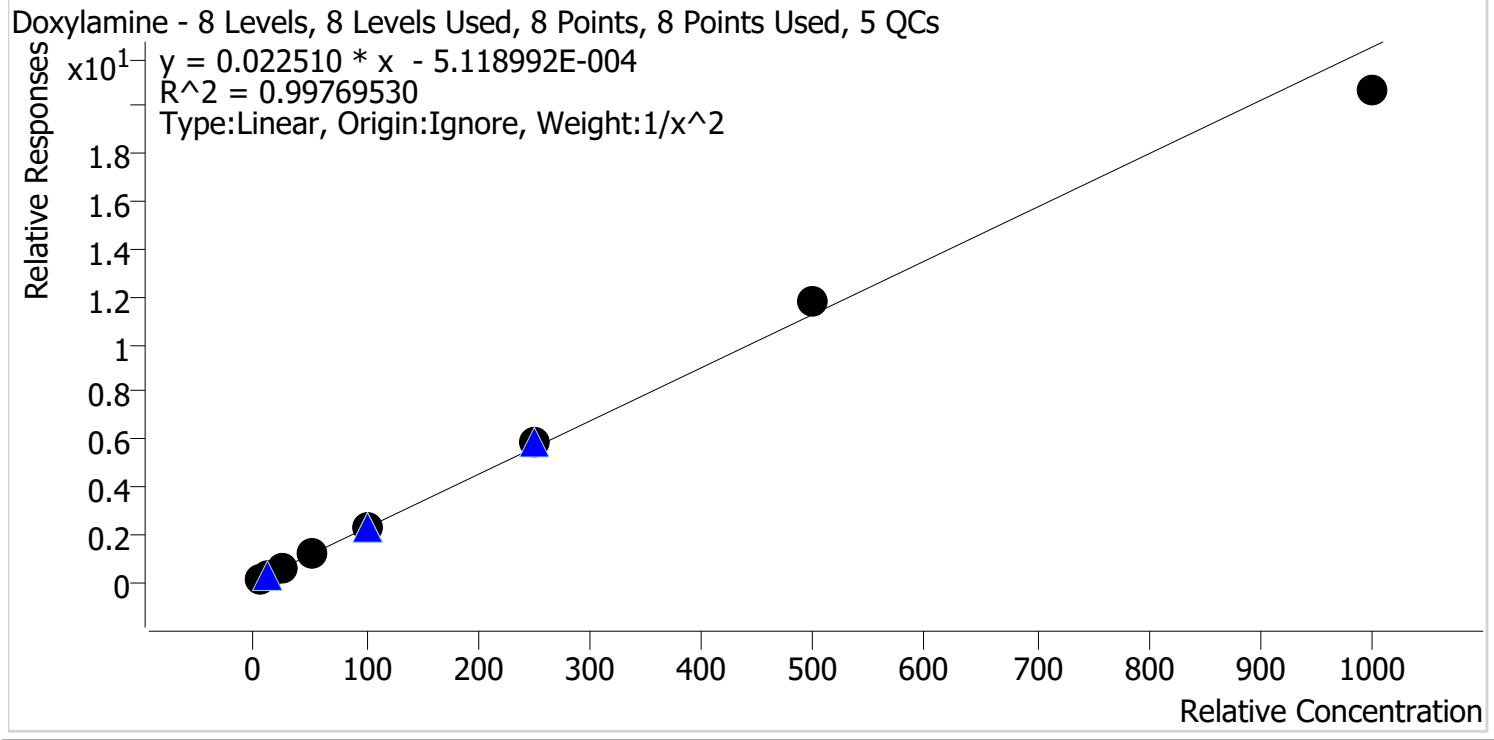
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	532.5	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1014.6	101.5

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	263.9	105.5
p1 Cal 7-500ng	7	✓	500.0	520.8	104.2
p1 Cal 8-1000ng	8	✓	1000.0	918.5	91.9

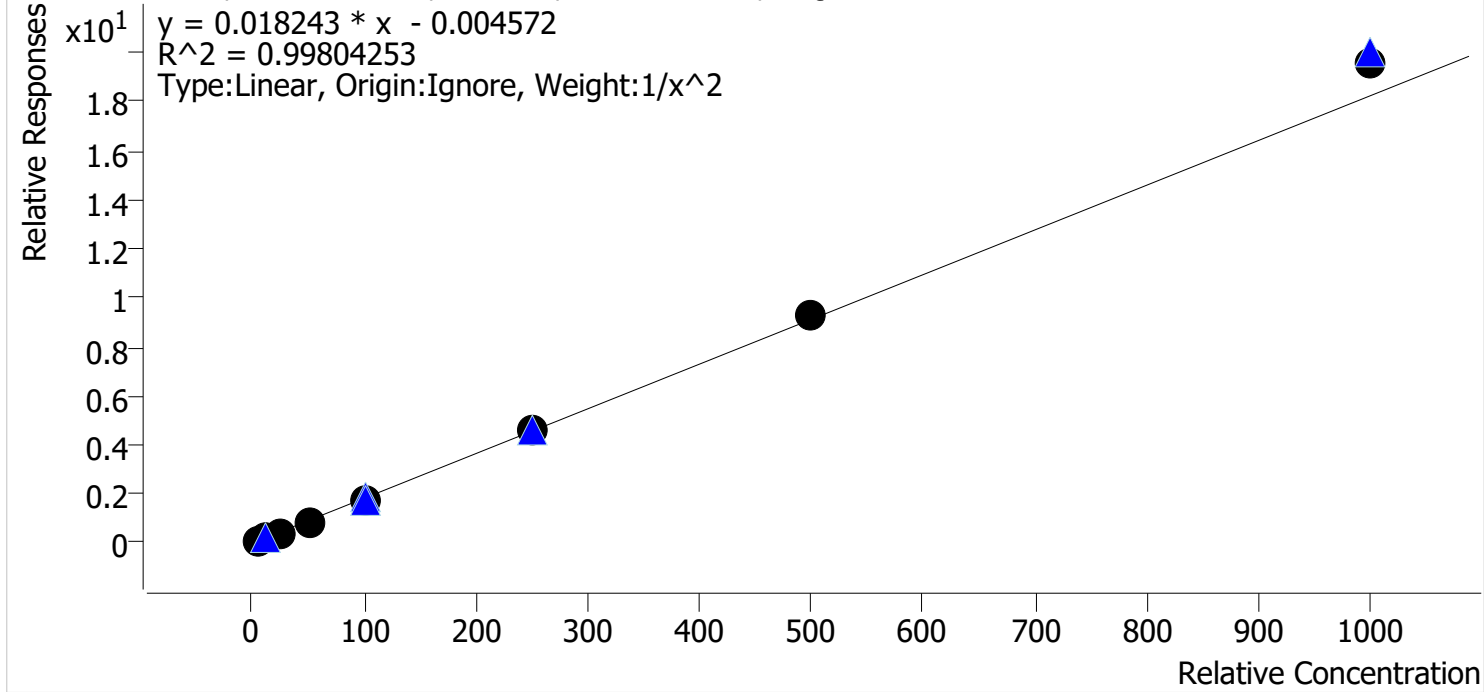
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1074.8	107.5



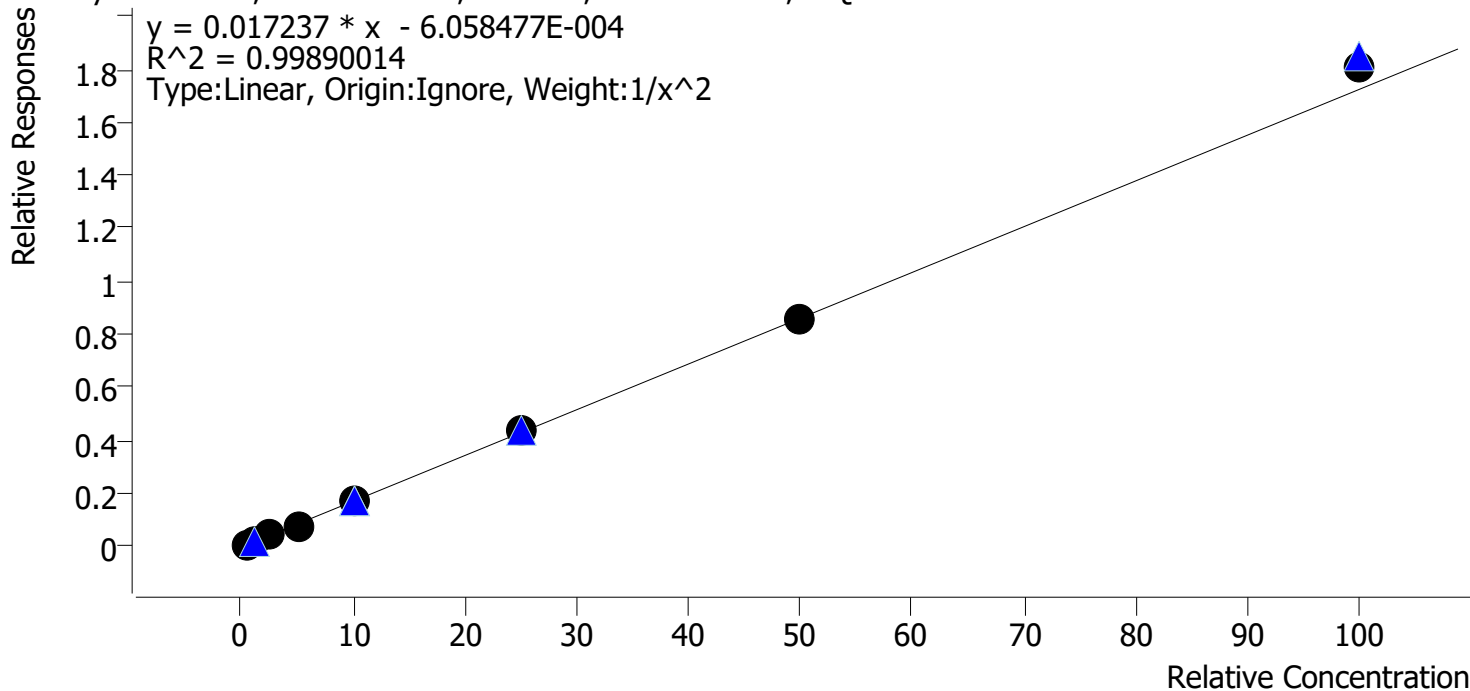
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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



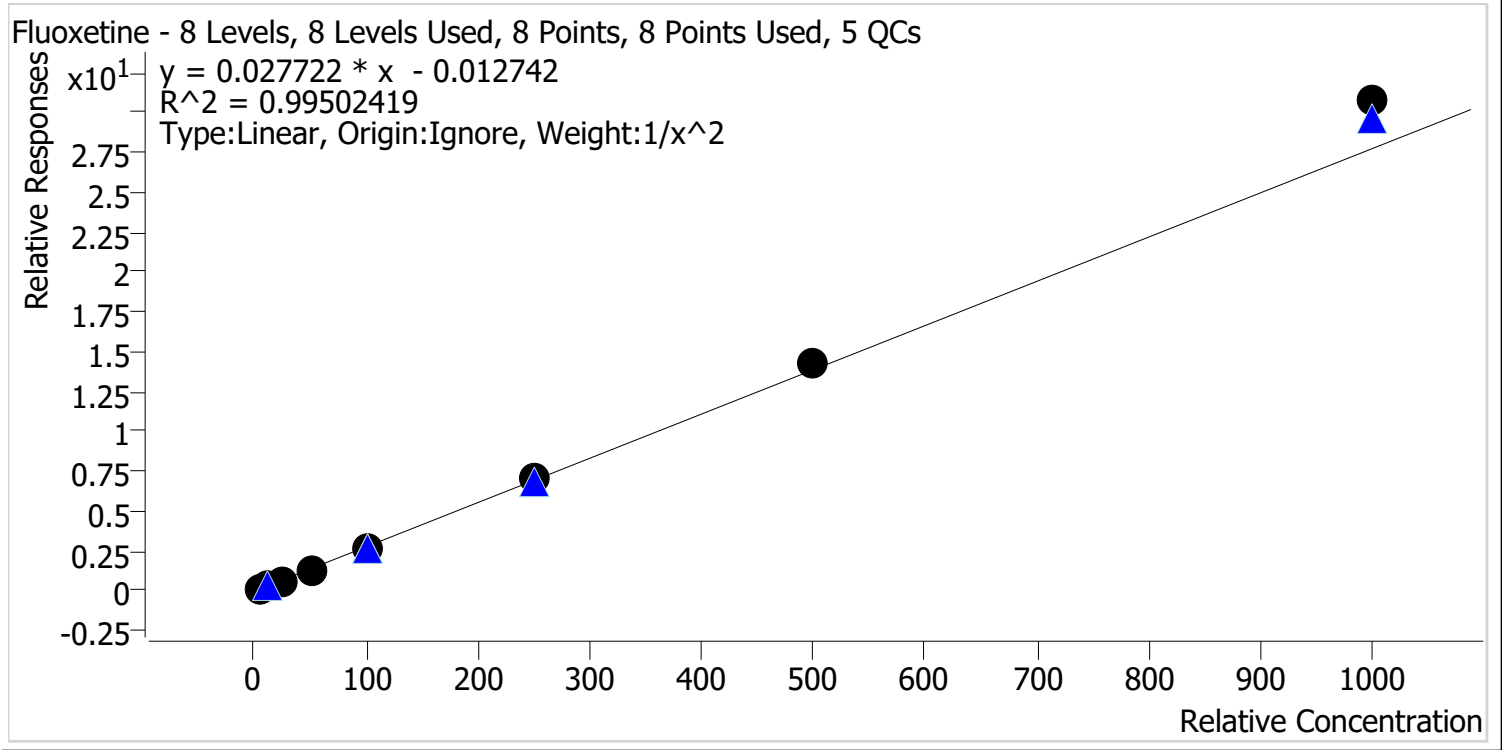
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.4
p1 Cal 2-10ng	2	✓	1.0	1.0	103.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.1
p1 Cal 4-50ng	4	✓	5.0	4.8	96.0
p1 Cal 5-100ng	5	✓	10.0	10.0	99.7
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	49.5	99.0
p1 Cal 8-1000ng	8	✓	100.0	104.7	104.7

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6



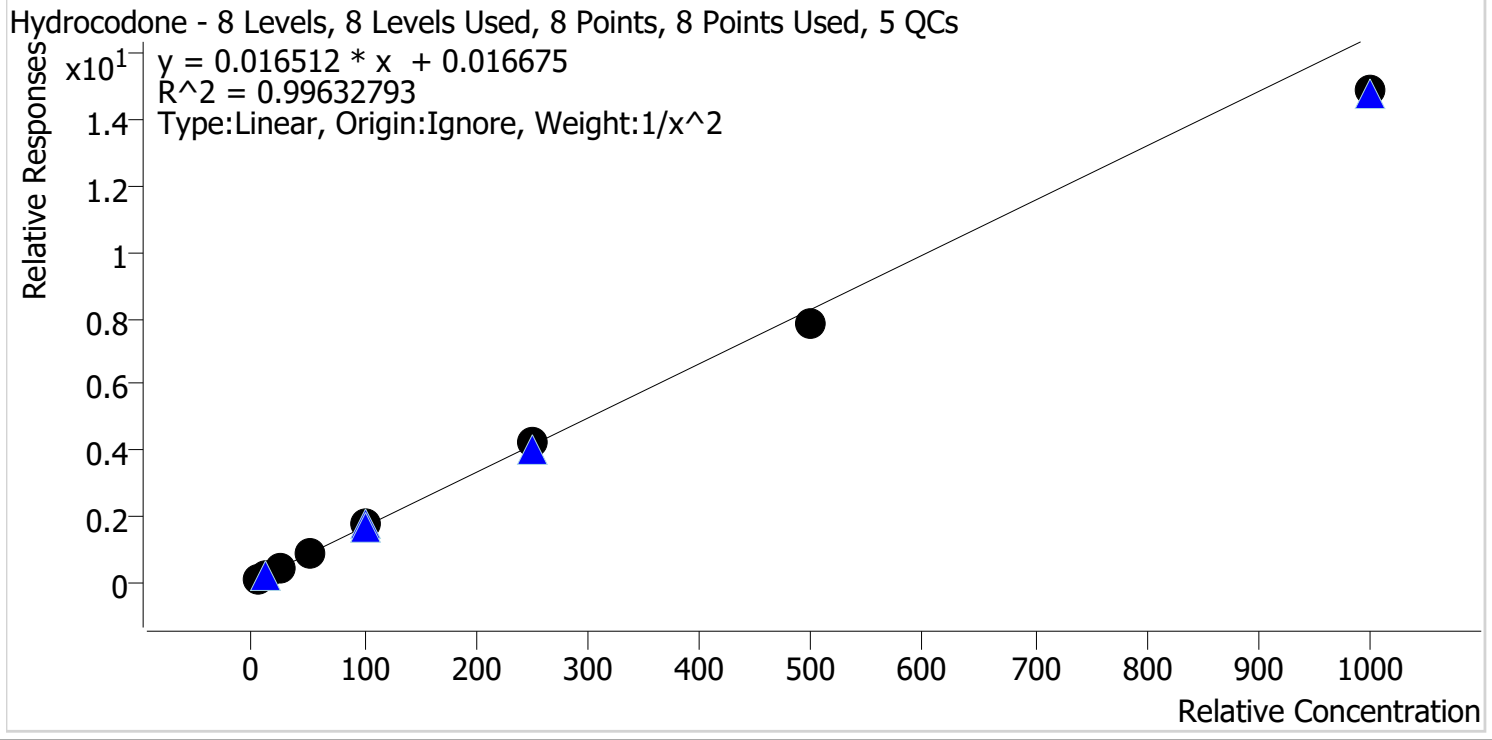
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1108.6	110.9

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6



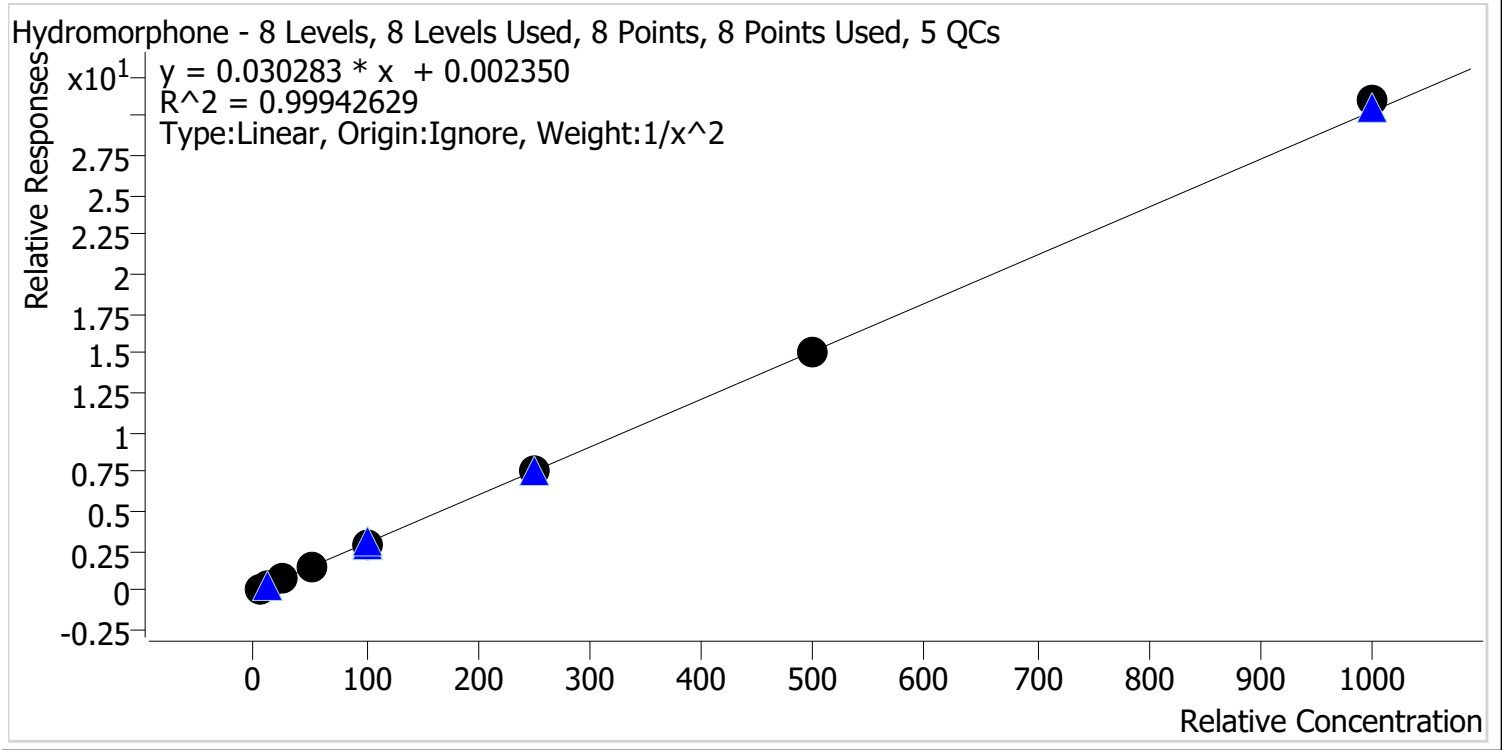
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	475.4	95.1
p1 Cal 8-1000ng	8	✓	1000.0	901.9	90.2

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6



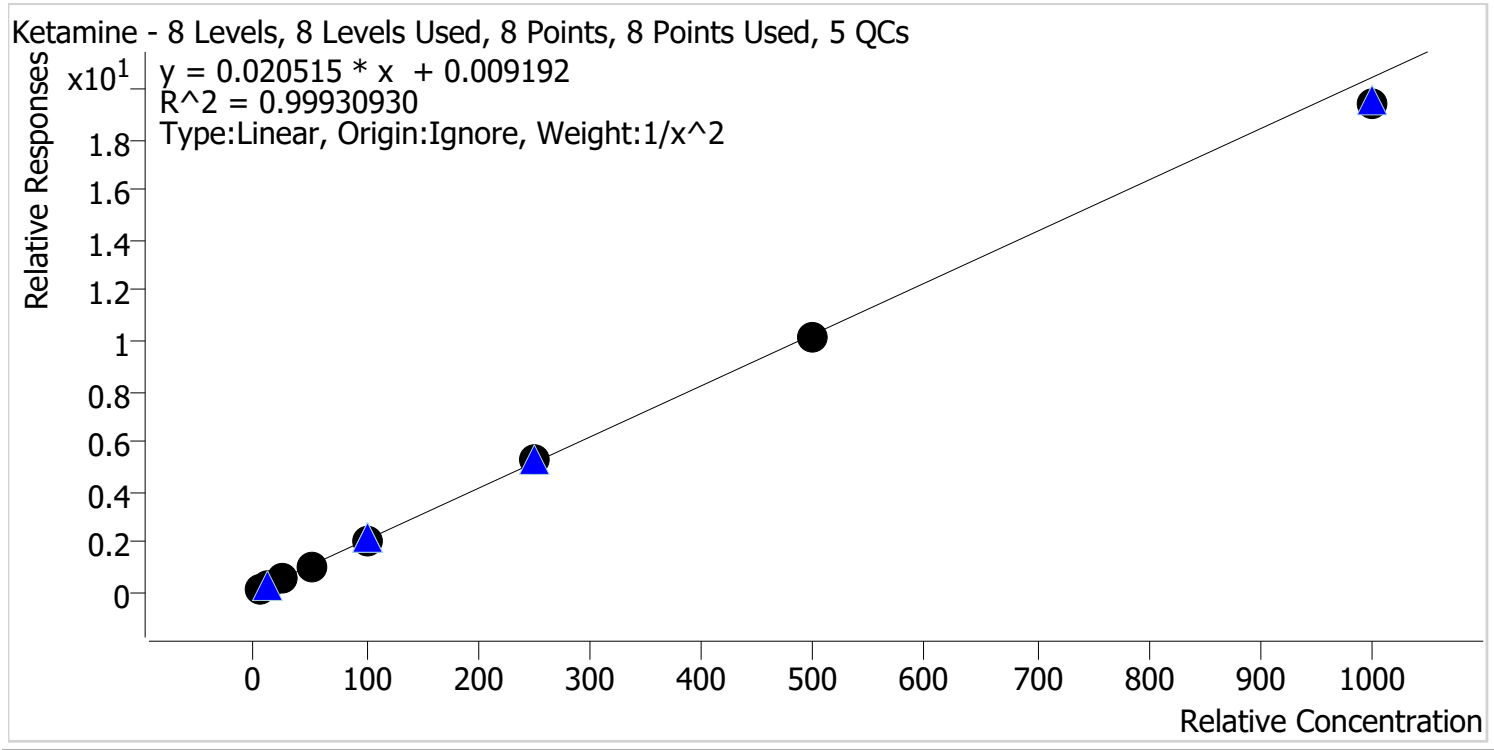
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1022.3	102.2

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



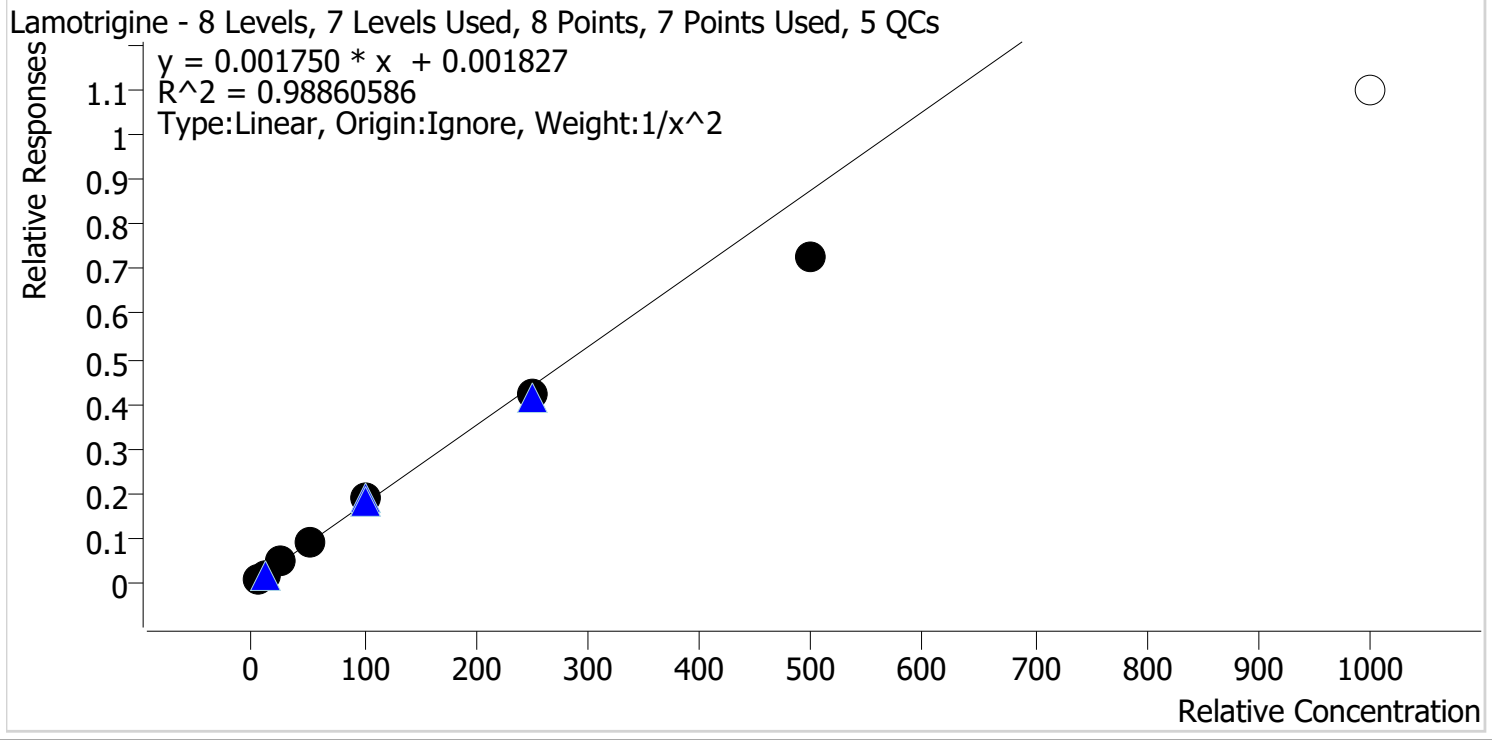
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	951.6	95.2

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.8
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	240.6	96.2
p1 Cal 7-500ng	7	✓	500.0	415.4	83.1
p1 Cal 8-1000ng	8	✗	1000.0	626.5	62.7

Cal 8 removed due to accuracy

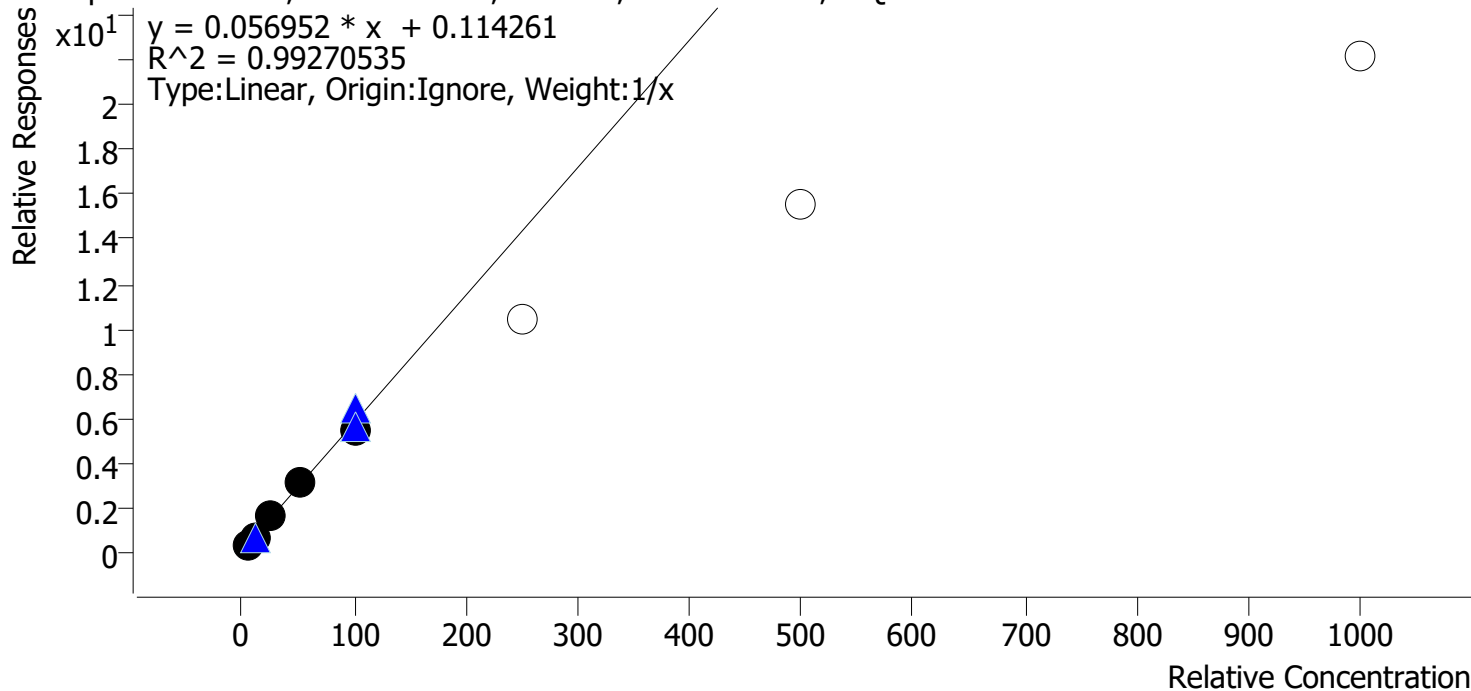
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Lorazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	86.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	94.4	94.4
p1 Cal 6-250ng	6	✗	250.0	180.1	72.0
p1 Cal 7-500ng	7	✗	500.0	271.0	54.2
p1 Cal 8-1000ng	8	✗	1000.0	387.0	38.7

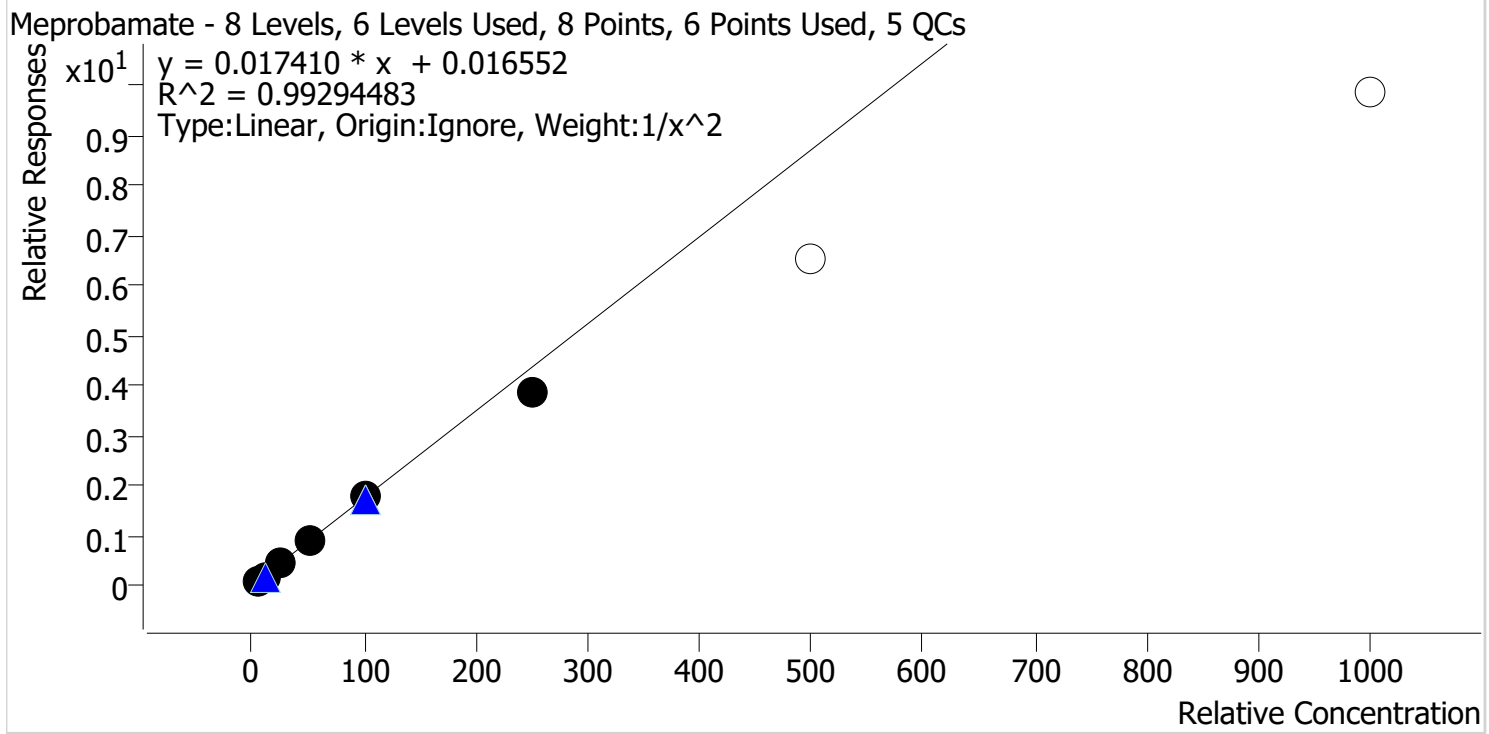
Cal 6, 7, and 8 removed due to accuracy

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	220.5	88.2
p1 Cal 7-500ng	7	x	500.0	374.1	74.8
p1 Cal 8-1000ng	8	x	1000.0	565.6	56.6

Cal 7 and 8 removed due to accuracy

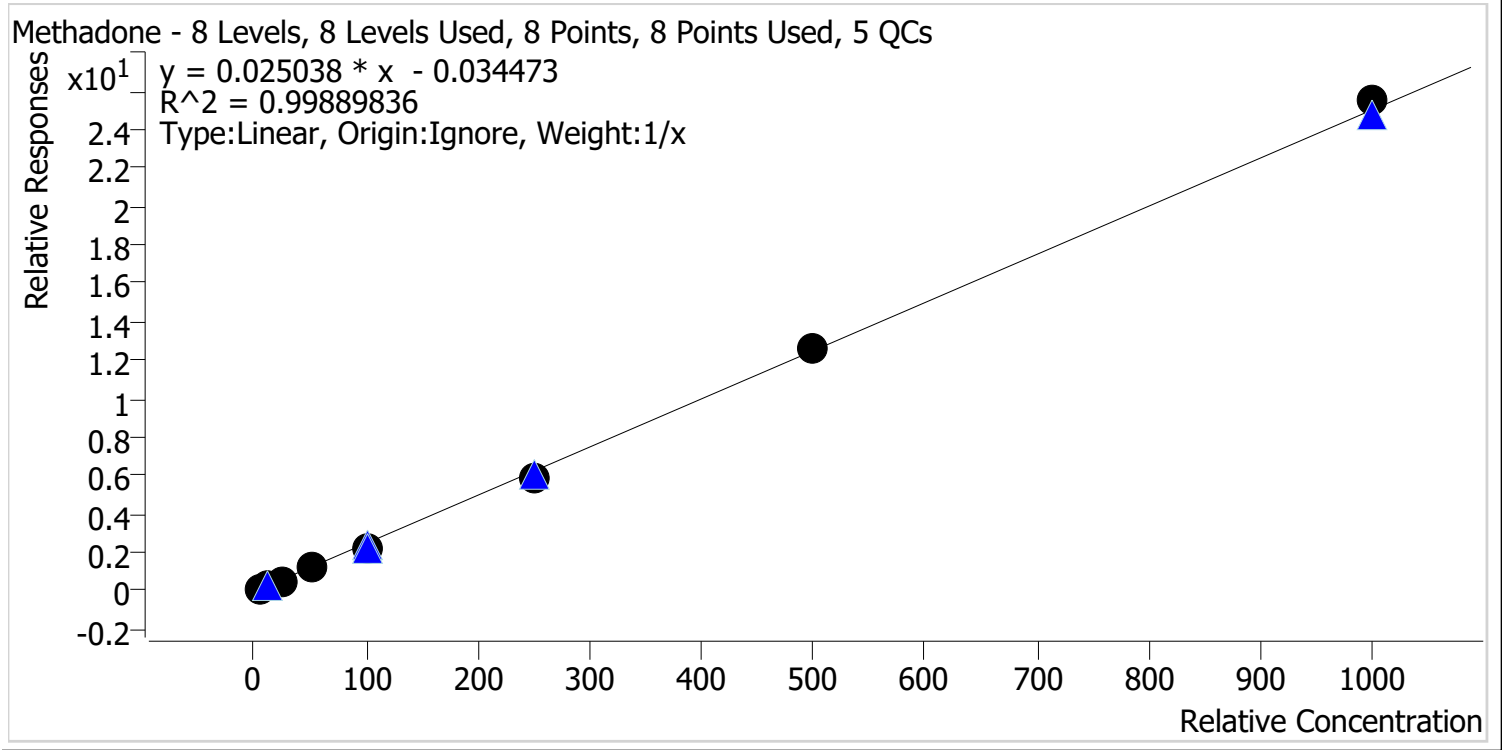


TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9



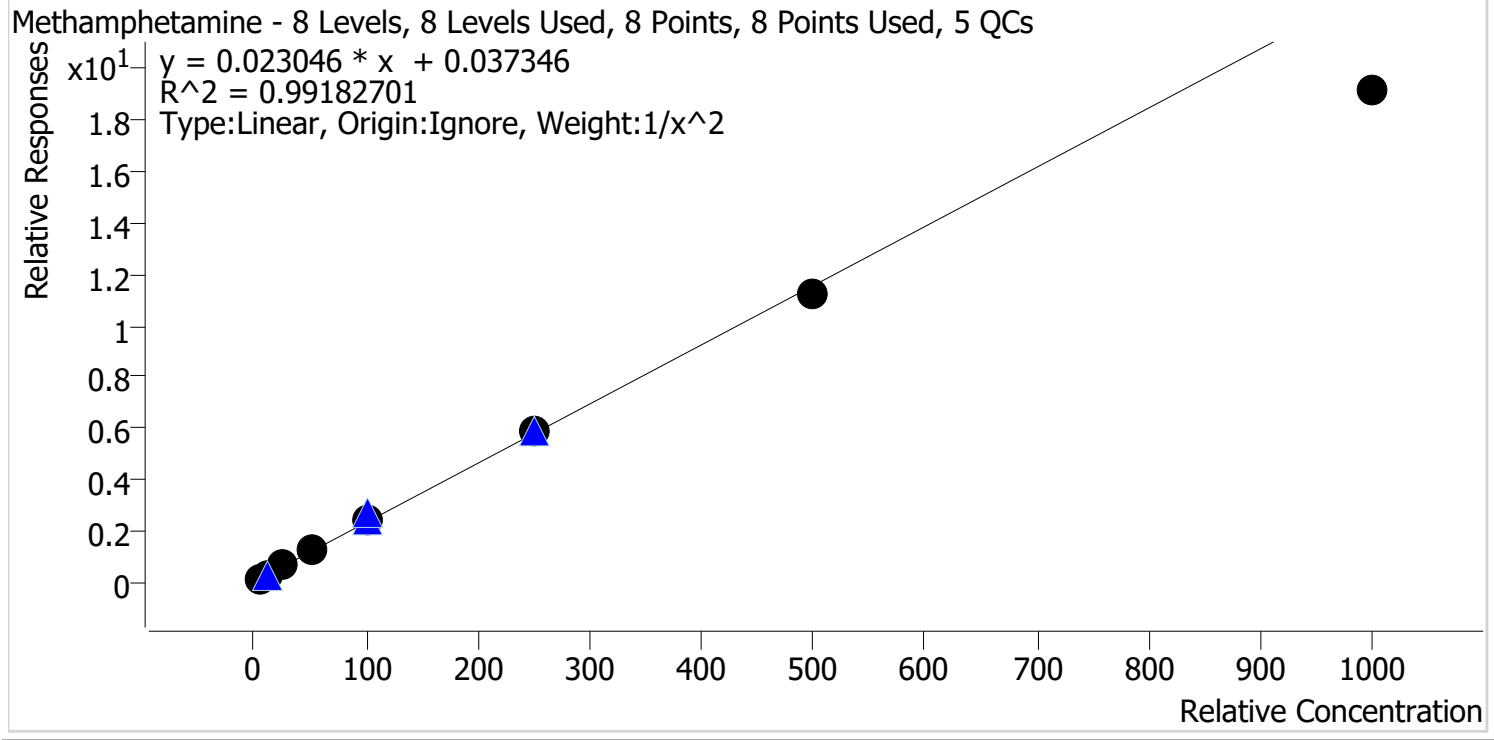
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	115.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	92.4	92.4
p1 Cal 6-250ng	6	✓	250.0	238.1	95.2
p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1019.3	101.9

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datator  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11



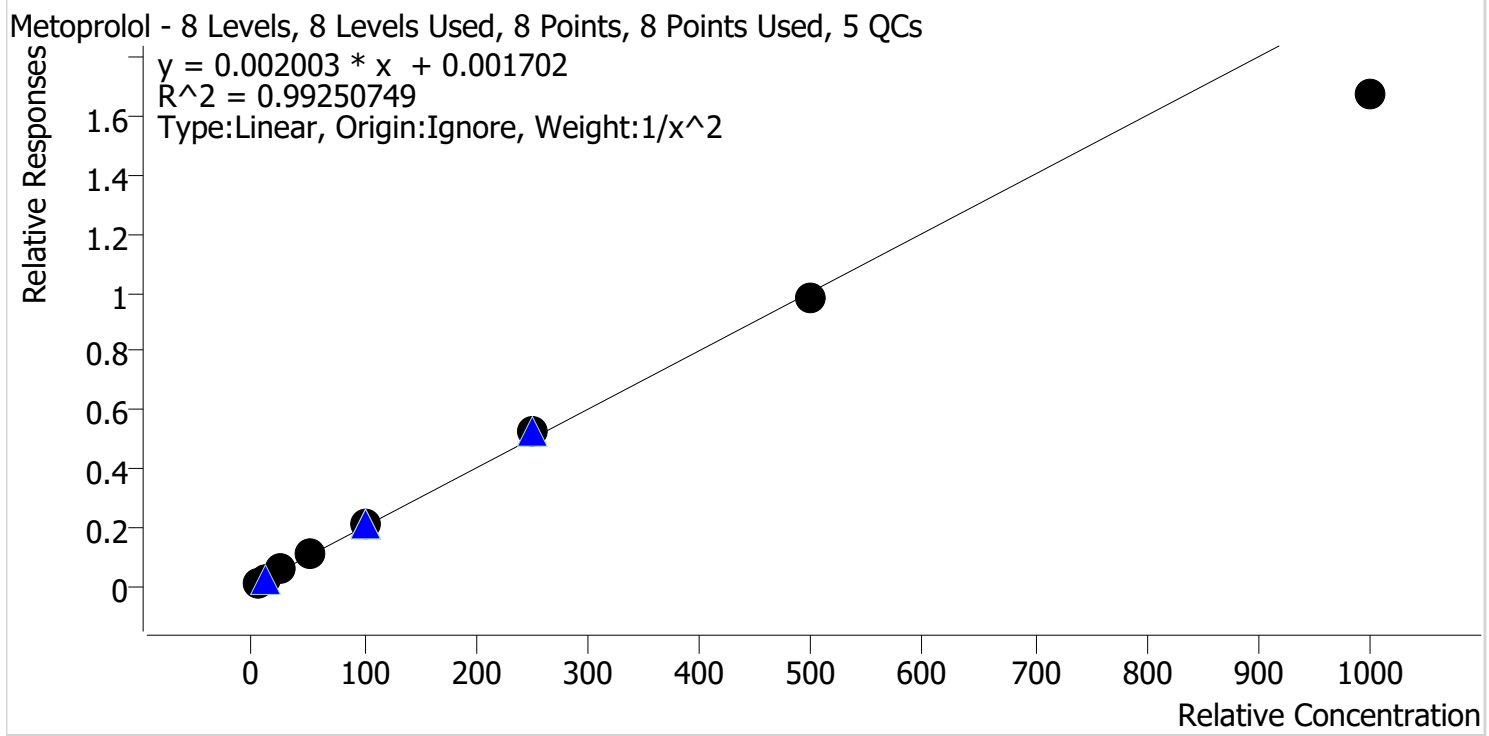
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	829.5	82.9

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Metoprolol **Internal Standard** Tramadol-13C-D3



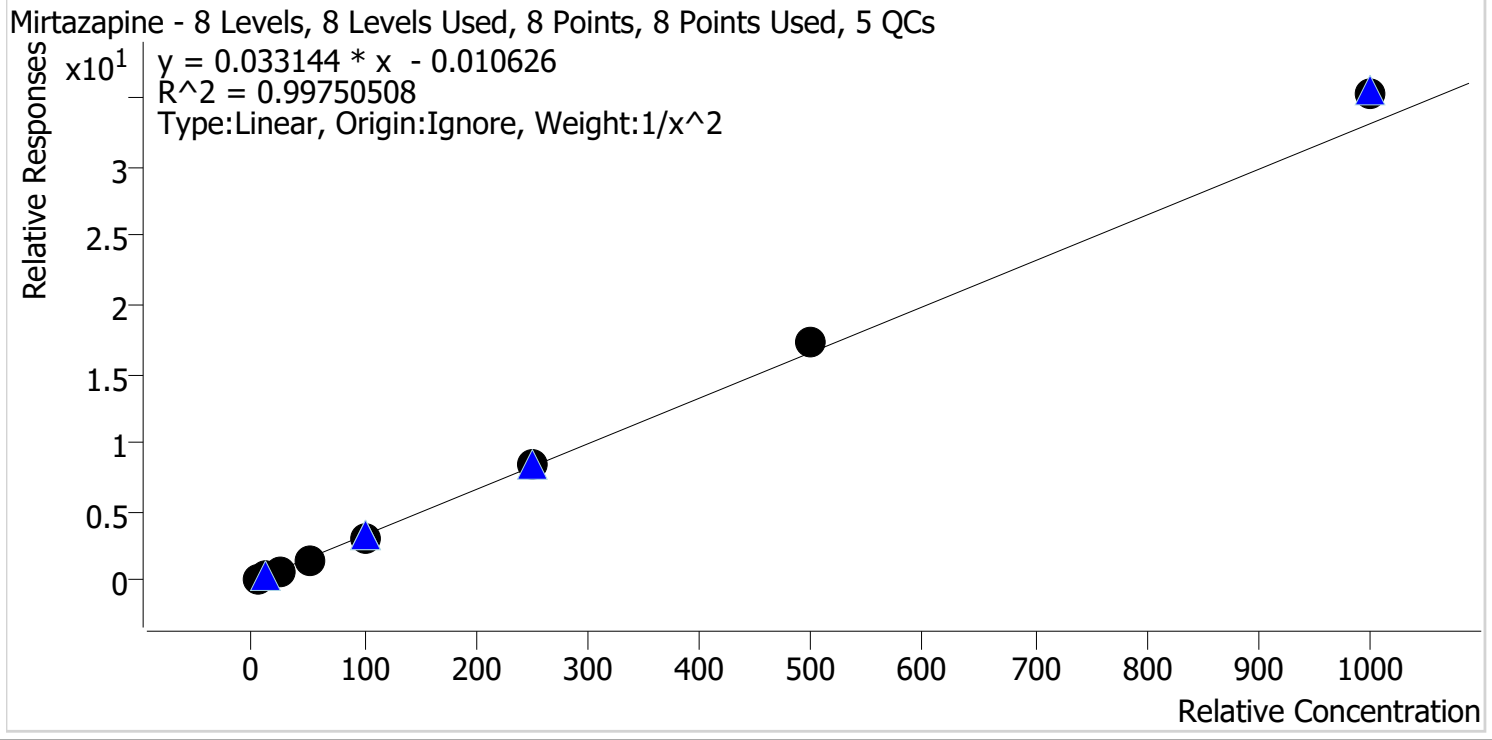
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	835.7	83.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-d8



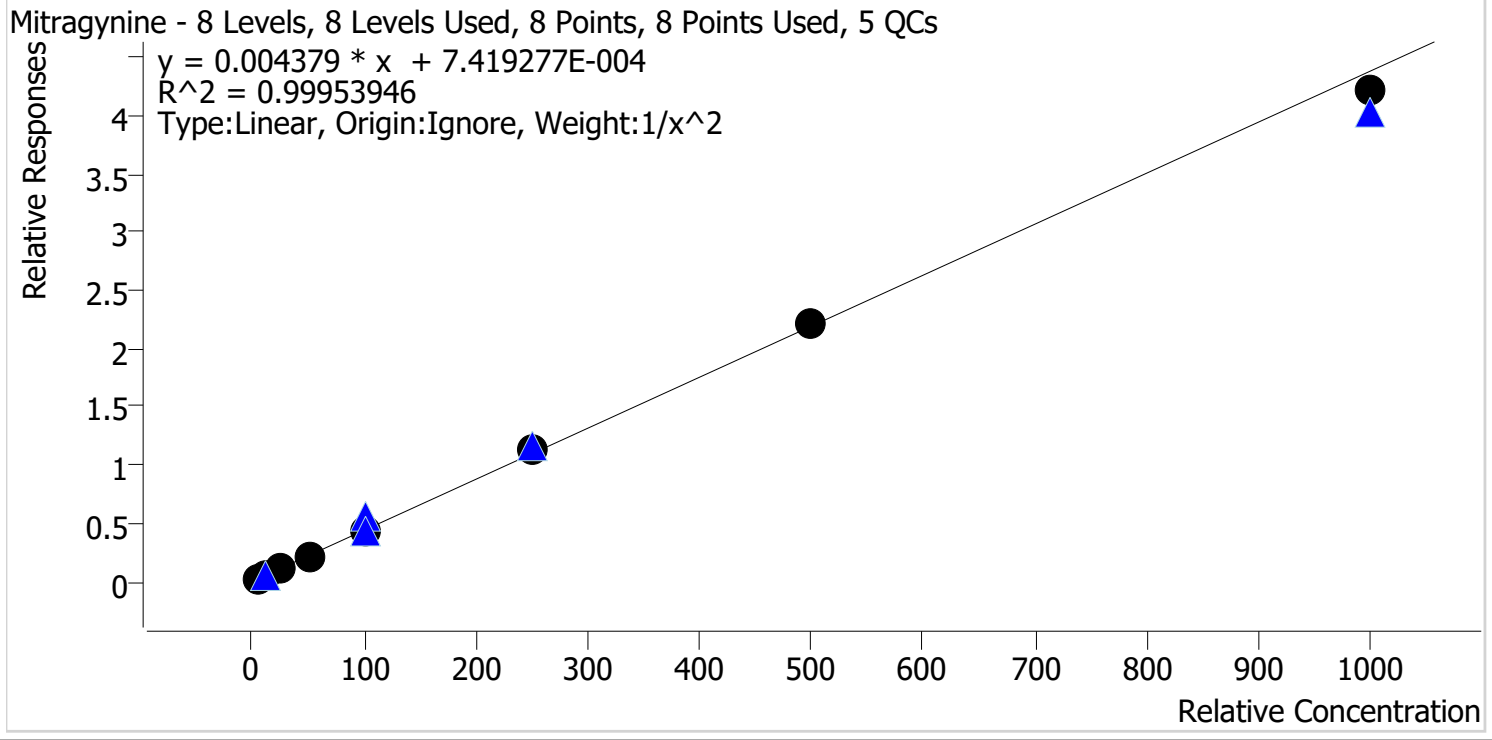
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	523.0	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1067.6	106.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



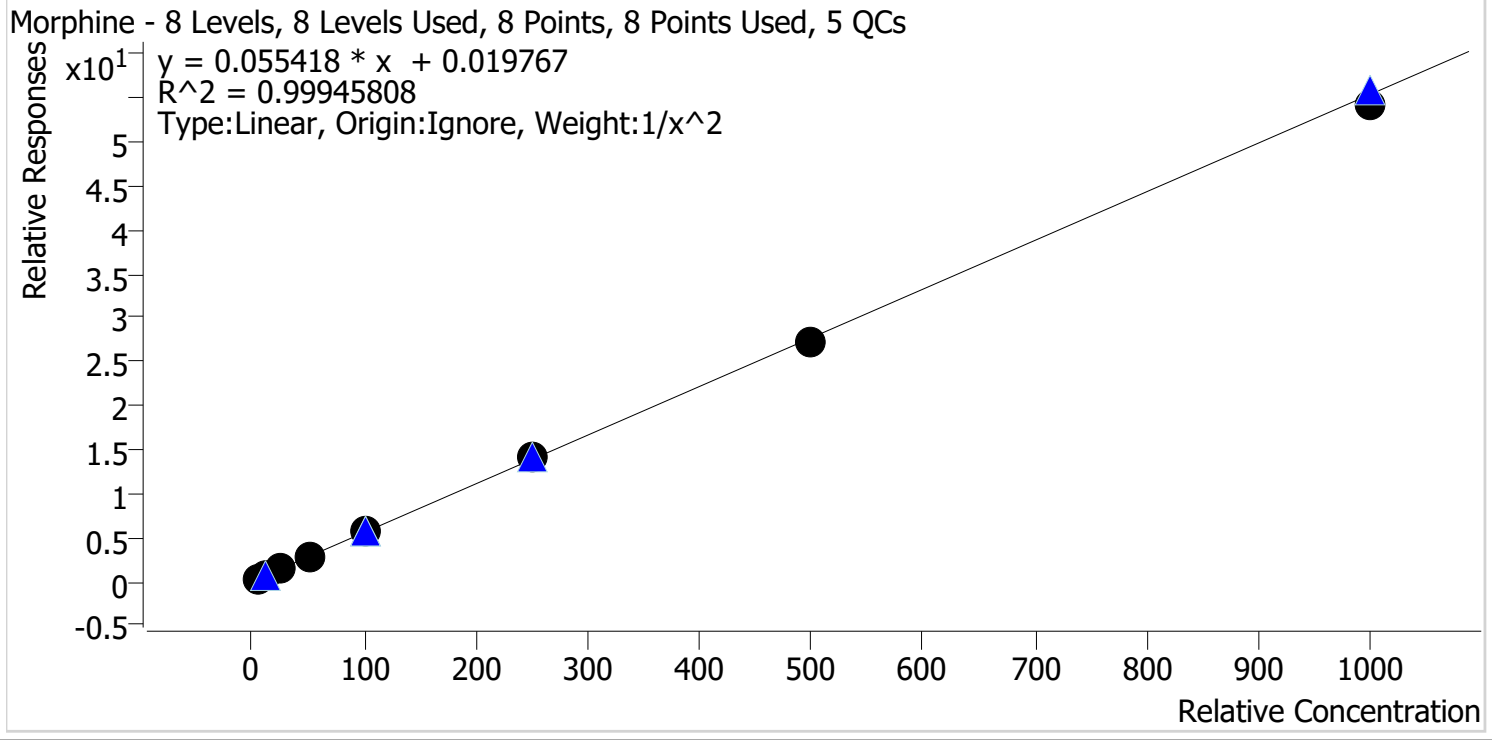
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng	8	✓	1000.0	961.9	96.2

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



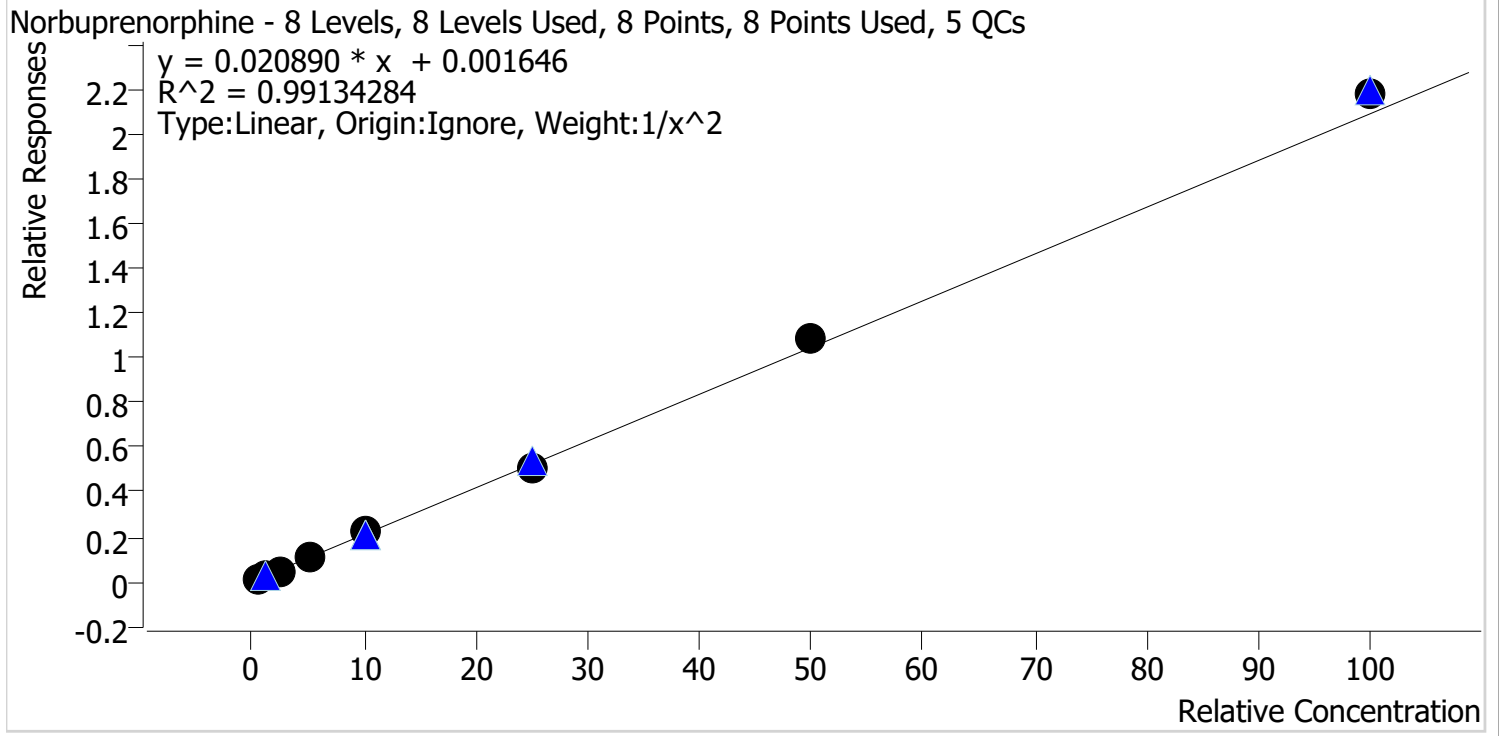
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	975.9	97.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	107.9
p1 Cal 2-10ng	2	✓	1.0	0.9	87.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.2
p1 Cal 4-50ng	4	✓	5.0	4.9	98.6
p1 Cal 5-100ng	5	✓	10.0	11.0	109.9
p1 Cal 6-250ng	6	✓	25.0	24.4	97.5
p1 Cal 7-500ng	7	✓	50.0	51.9	103.8
p1 Cal 8-1000ng	8	✓	100.0	104.6	104.6

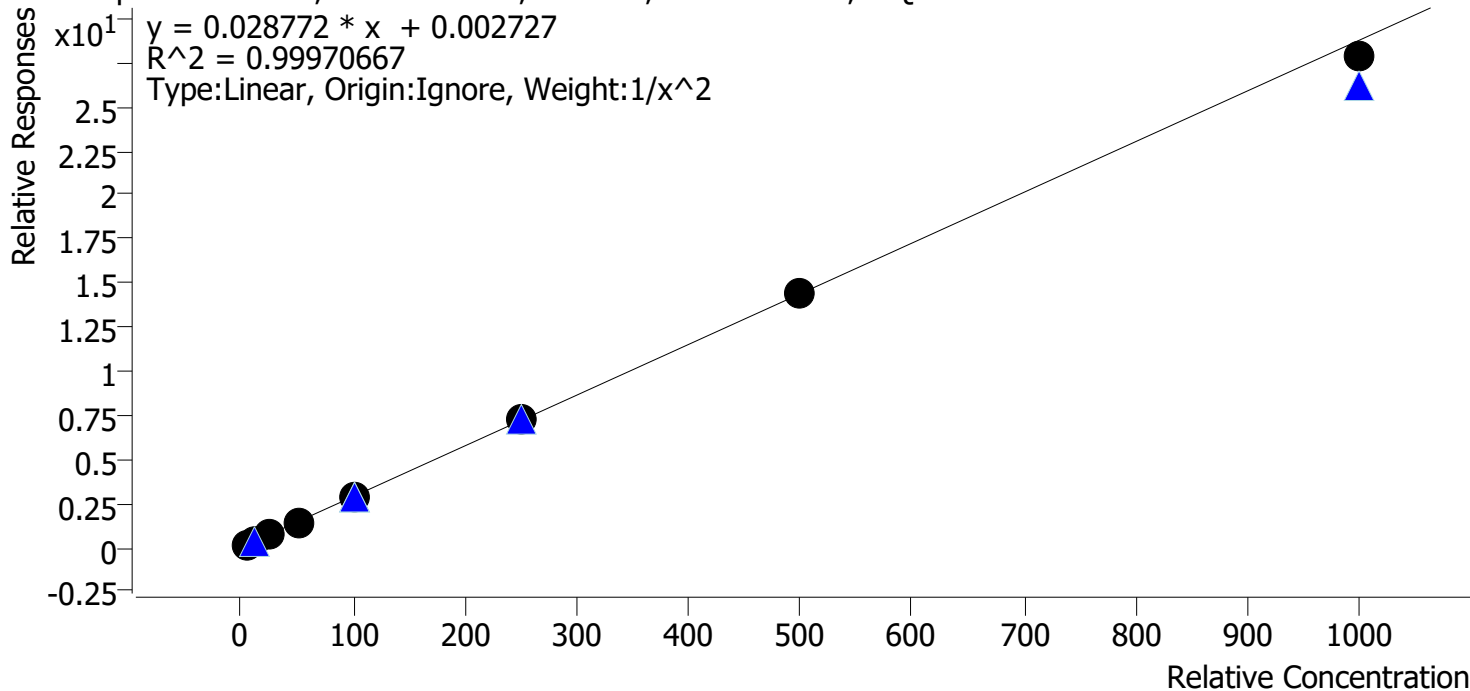
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datator  
**Analyte** Nordiazepam Internal Standard Nordiazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	967.8	96.8

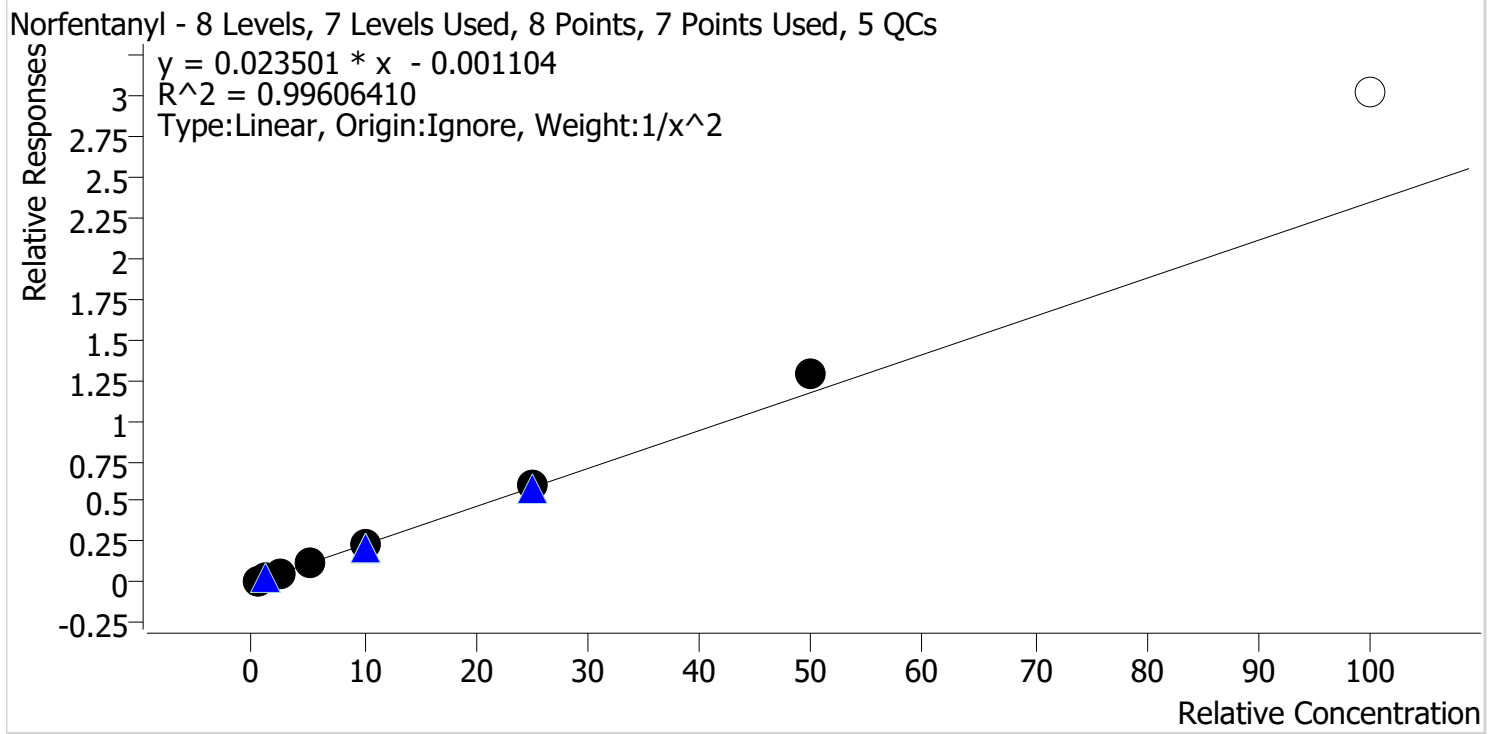


TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**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	102.6
p1 Cal 2-10ng	2	✓	1.0	1.0	97.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.5
p1 Cal 4-50ng	4	✓	5.0	4.8	95.3
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	54.9	109.9
p1 Cal 8-1000ng	8	✗	100.0	128.8	128.8

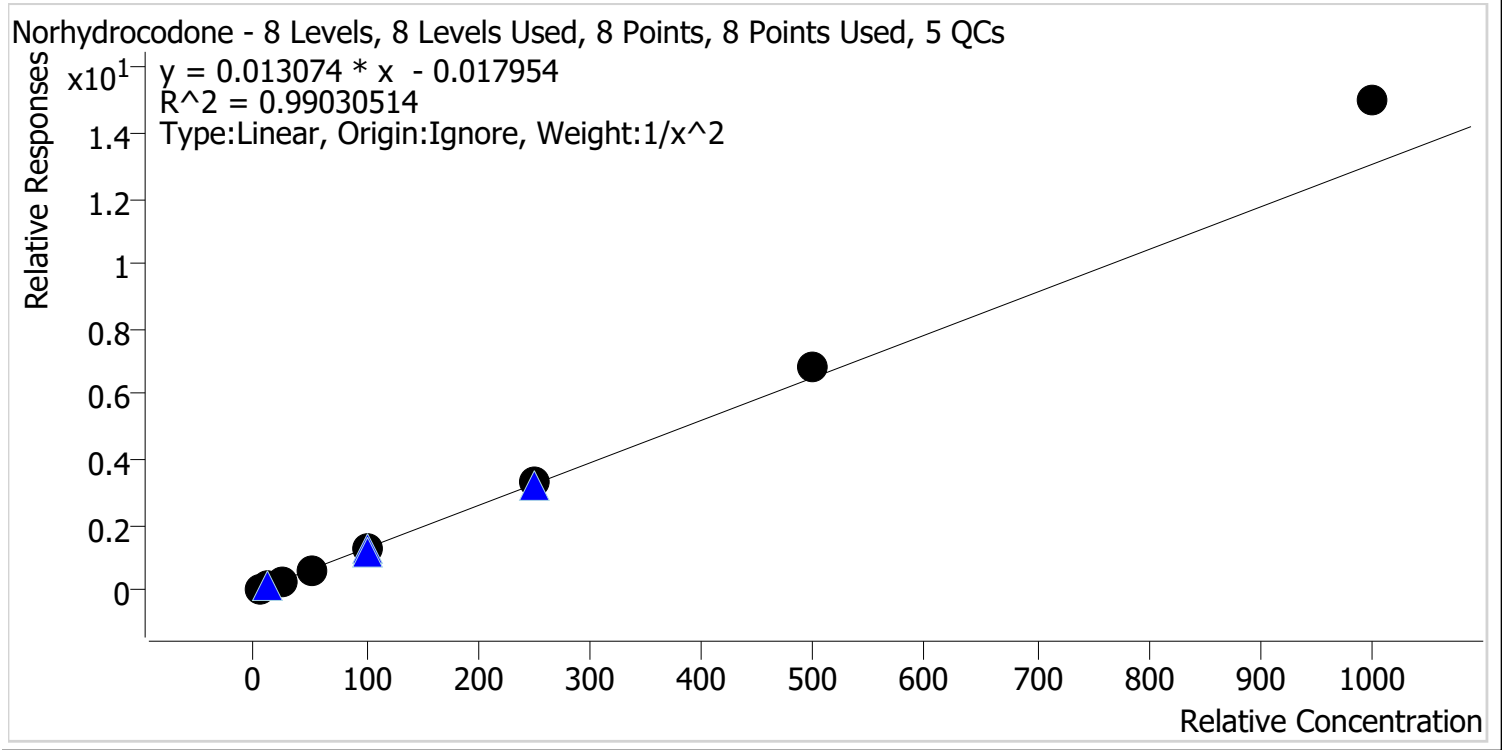
Cal 8 removed due to accuracy

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3



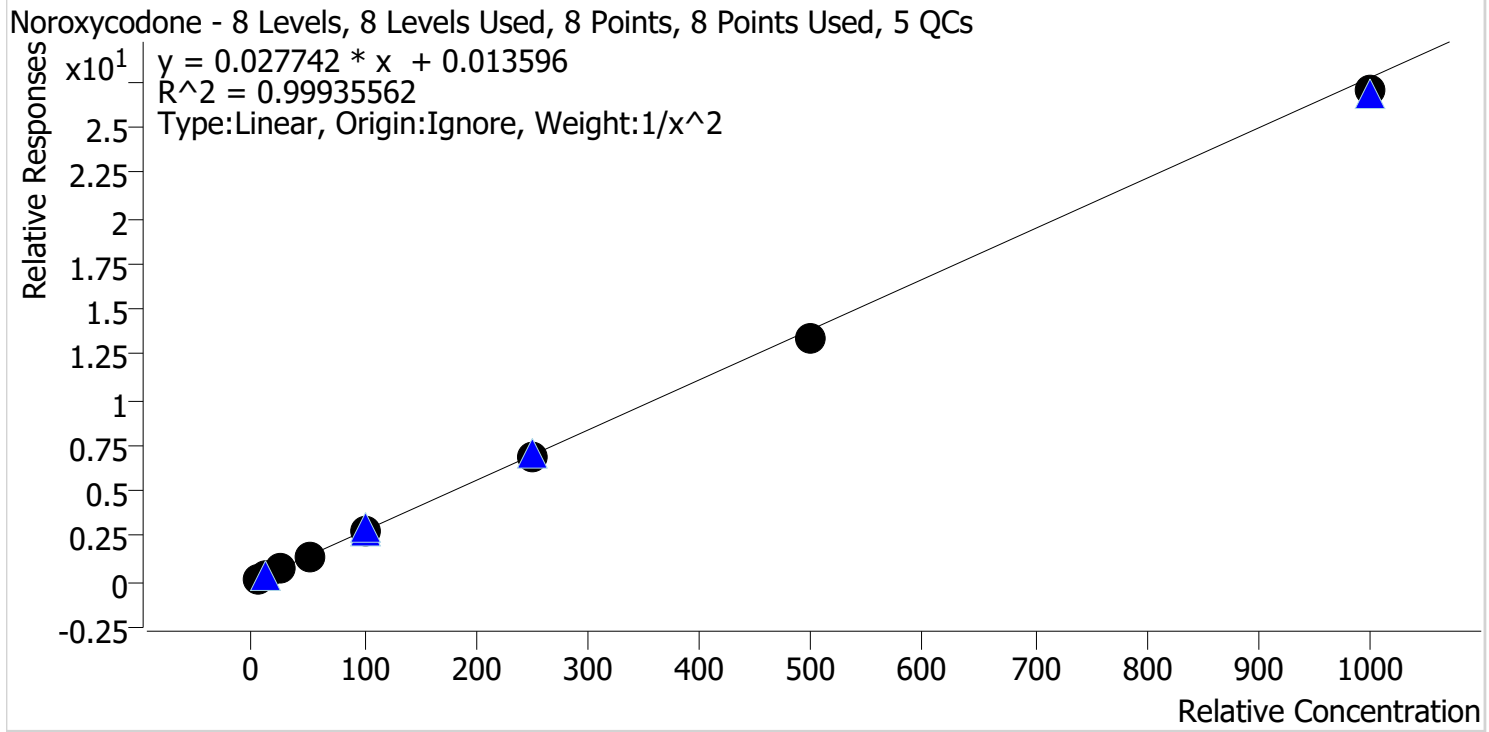
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	105.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.3
p1 Cal 4-50ng	4	✓	50.0	44.1	88.1
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	525.6	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1149.3	114.9

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



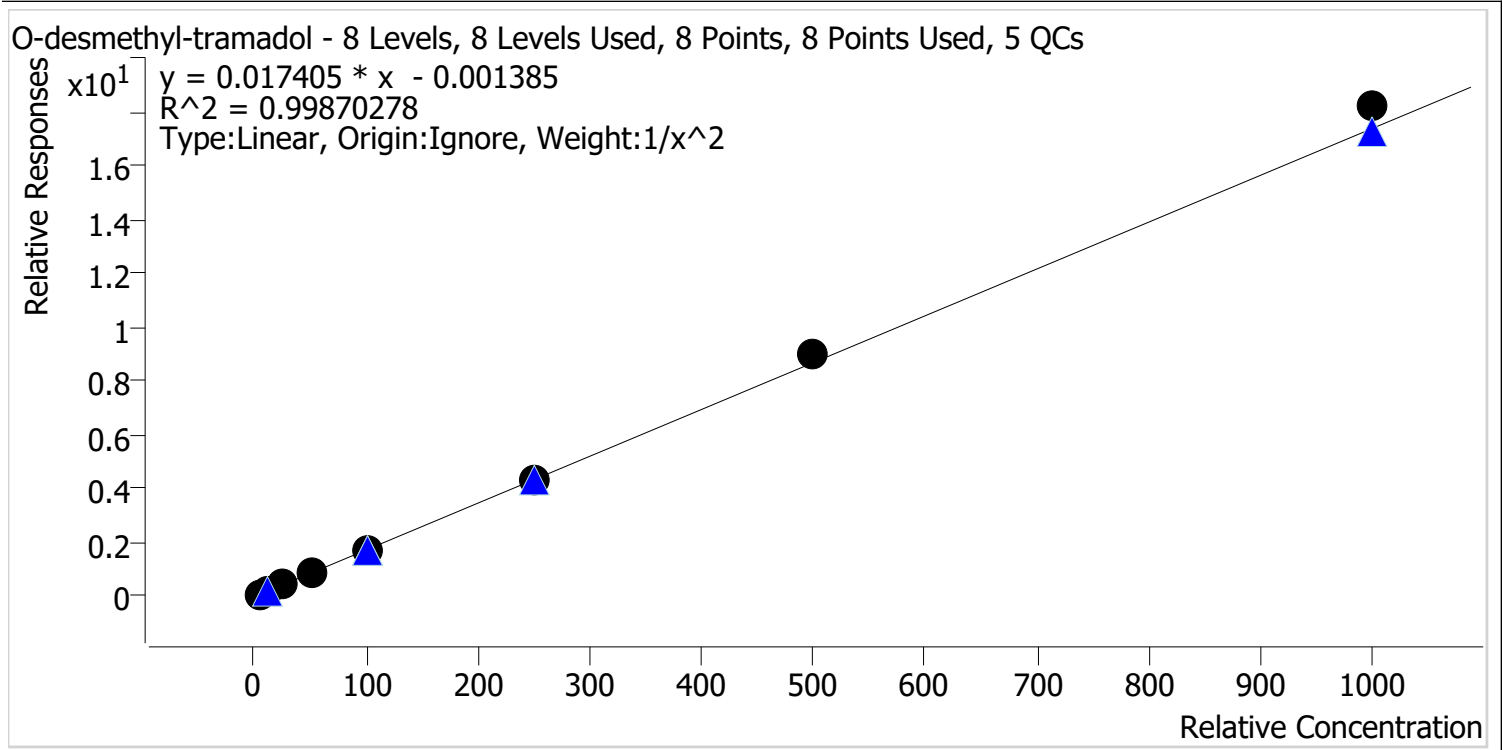
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
p1 Cal 8-1000ng	8	✓	1000.0	974.2	97.4

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



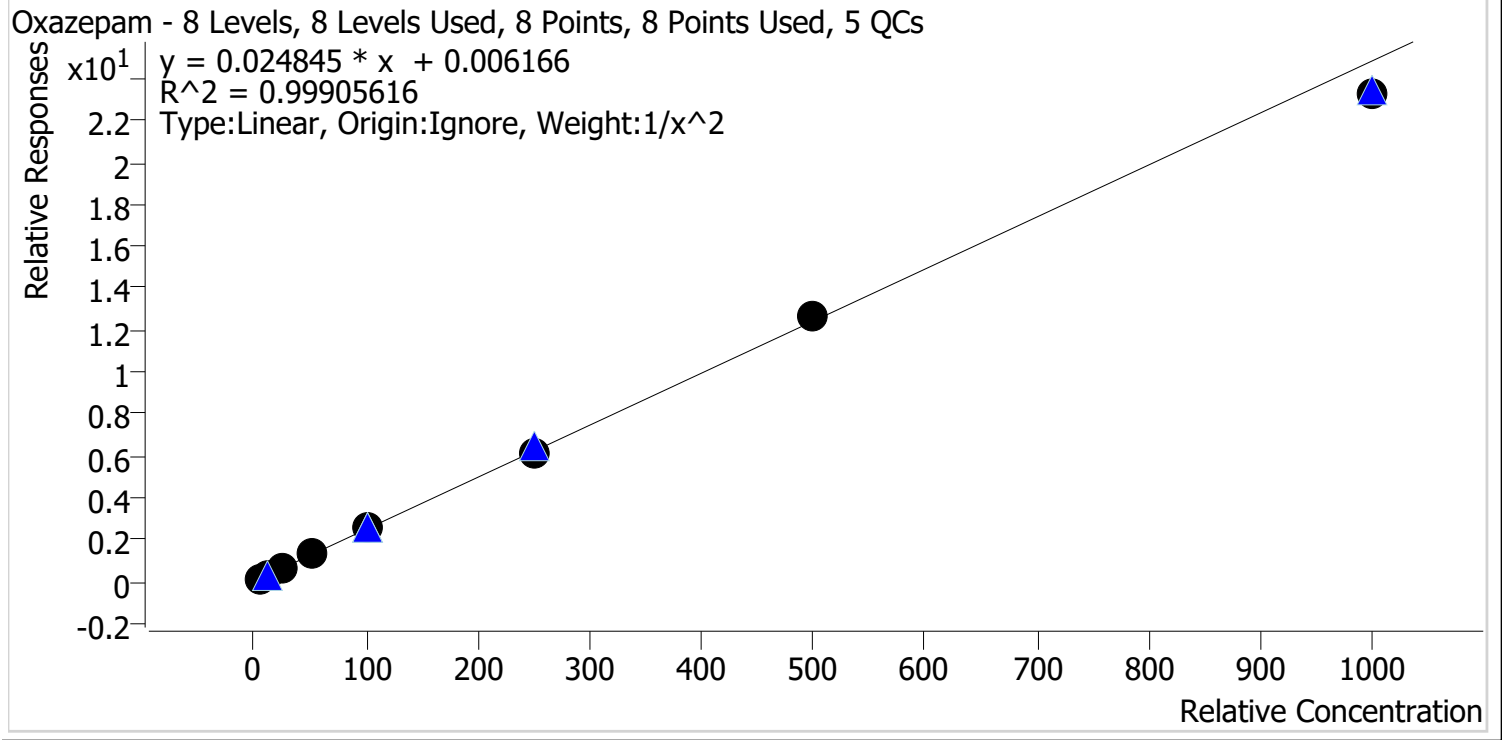
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	517.0	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1047.5	104.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5



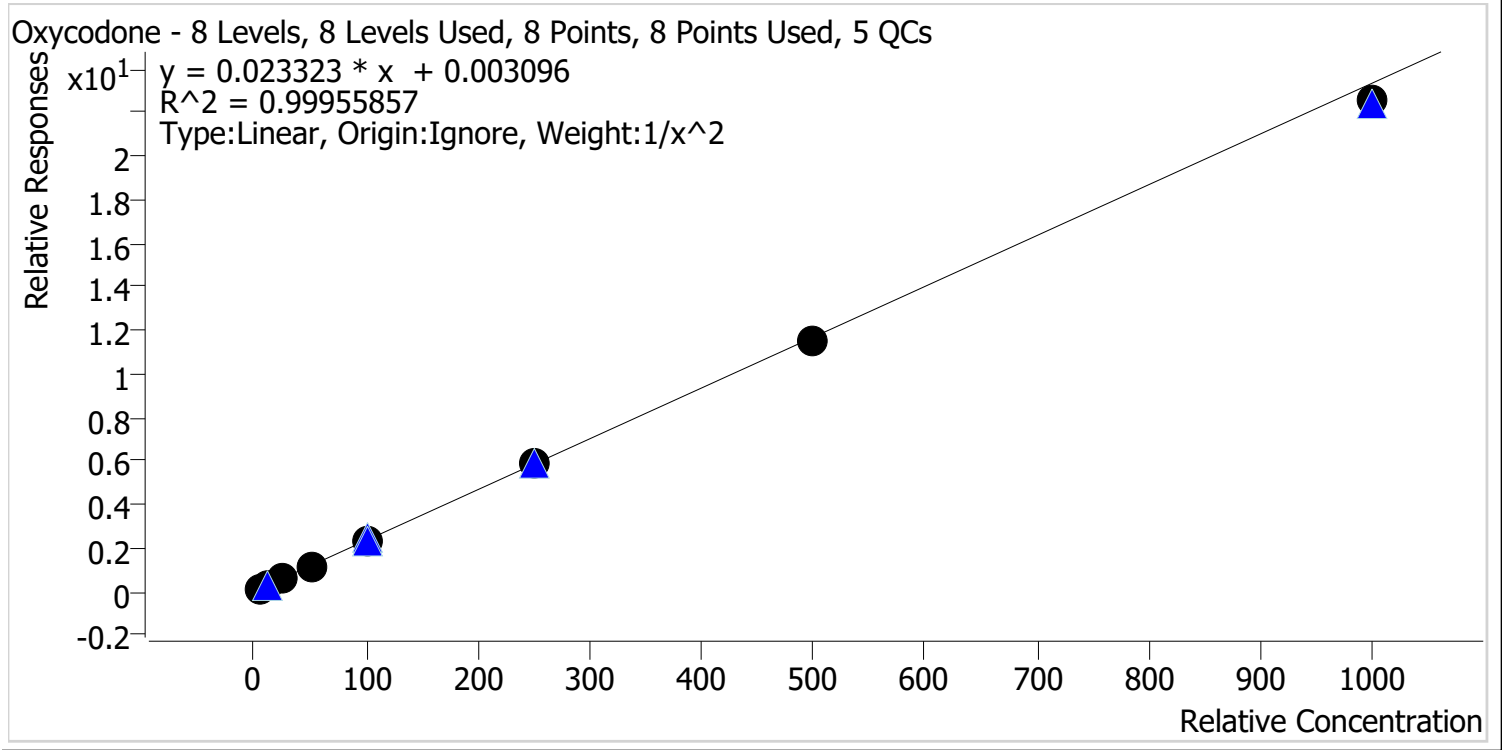
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	508.7	101.7
p1 Cal 8-1000ng	8	✓	1000.0	939.6	94.0

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**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	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	965.7	96.6

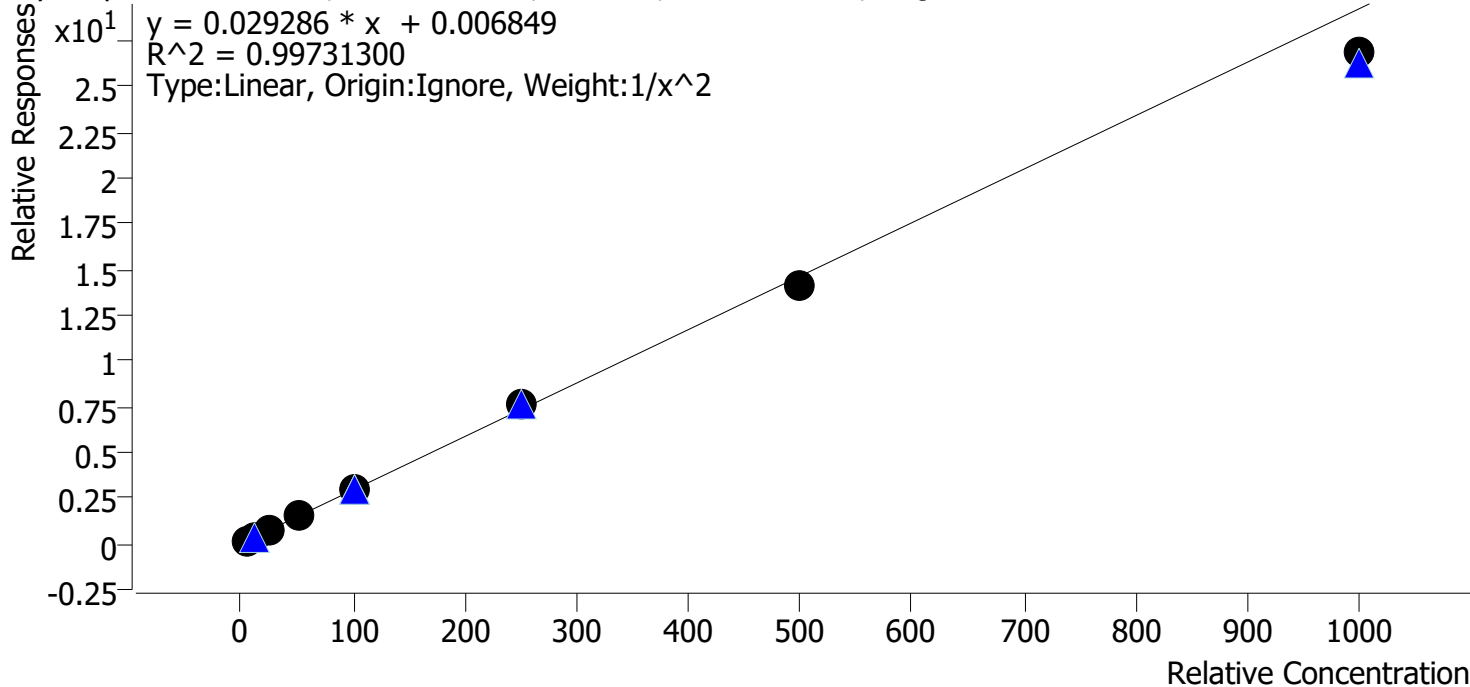
TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3

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



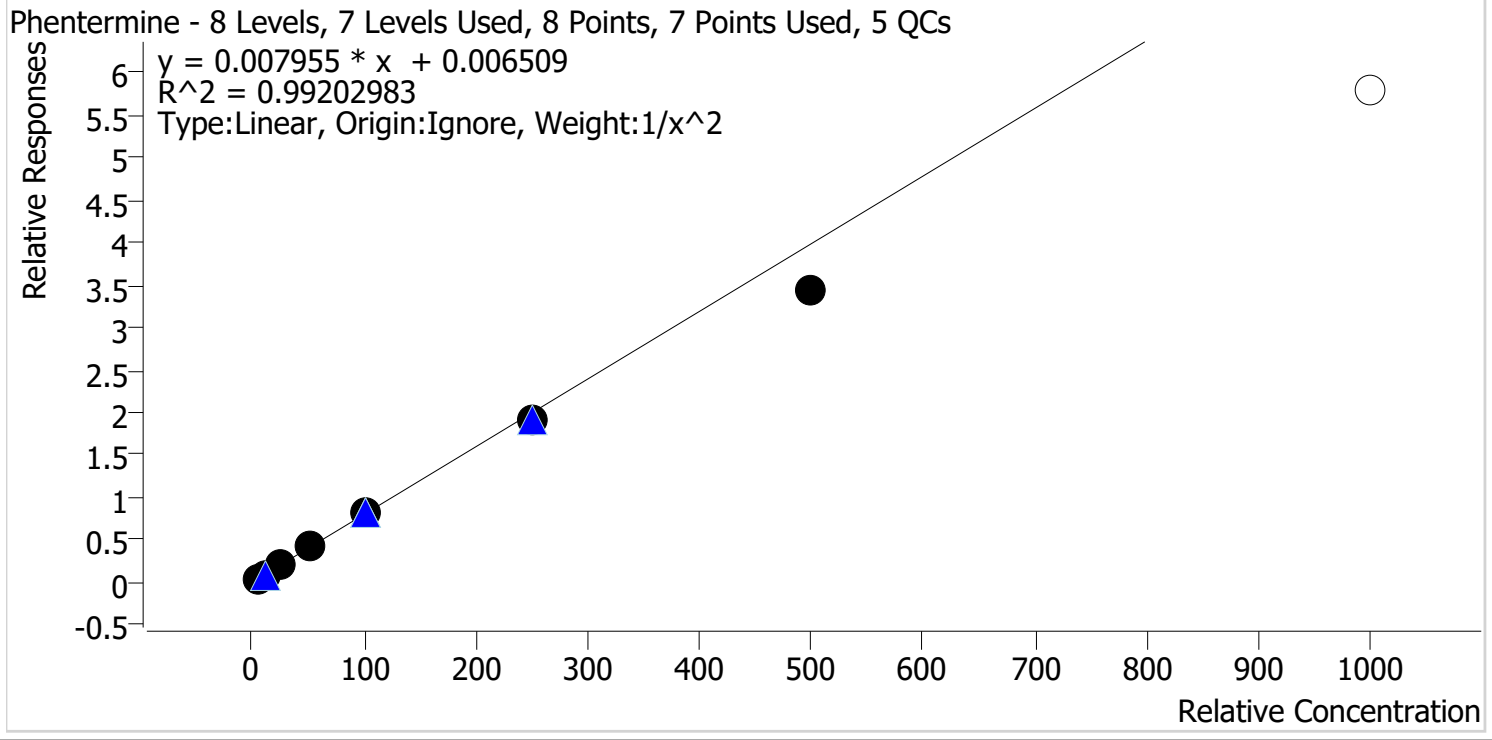
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	483.5	96.7
p1 Cal 8-1000ng	8	✓	1000.0	918.0	91.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**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	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	237.7	95.1
p1 Cal 7-500ng	7	✓	500.0	433.9	86.8
p1 Cal 8-1000ng	8	✗	1000.0	726.3	72.6

Cal 8 removed due to accuracy

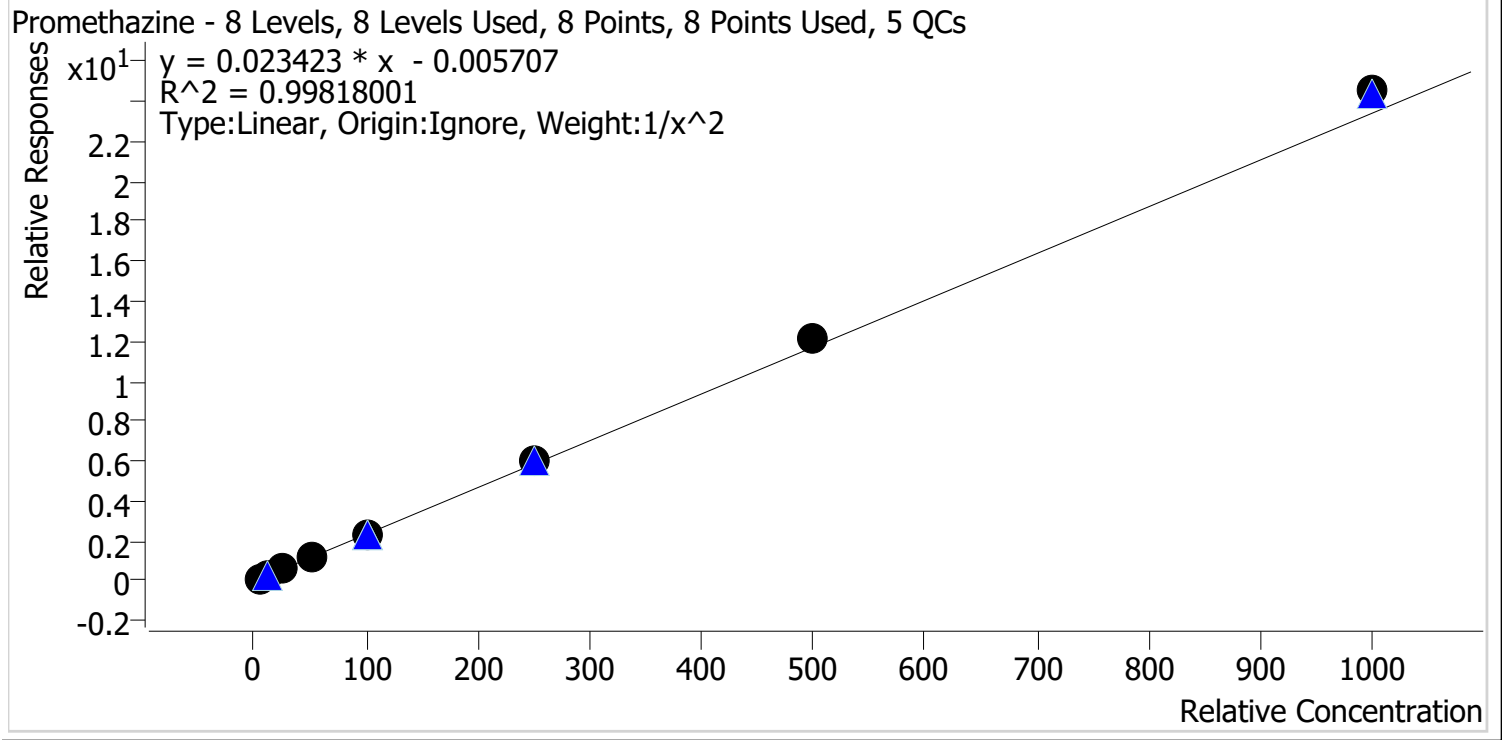


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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3



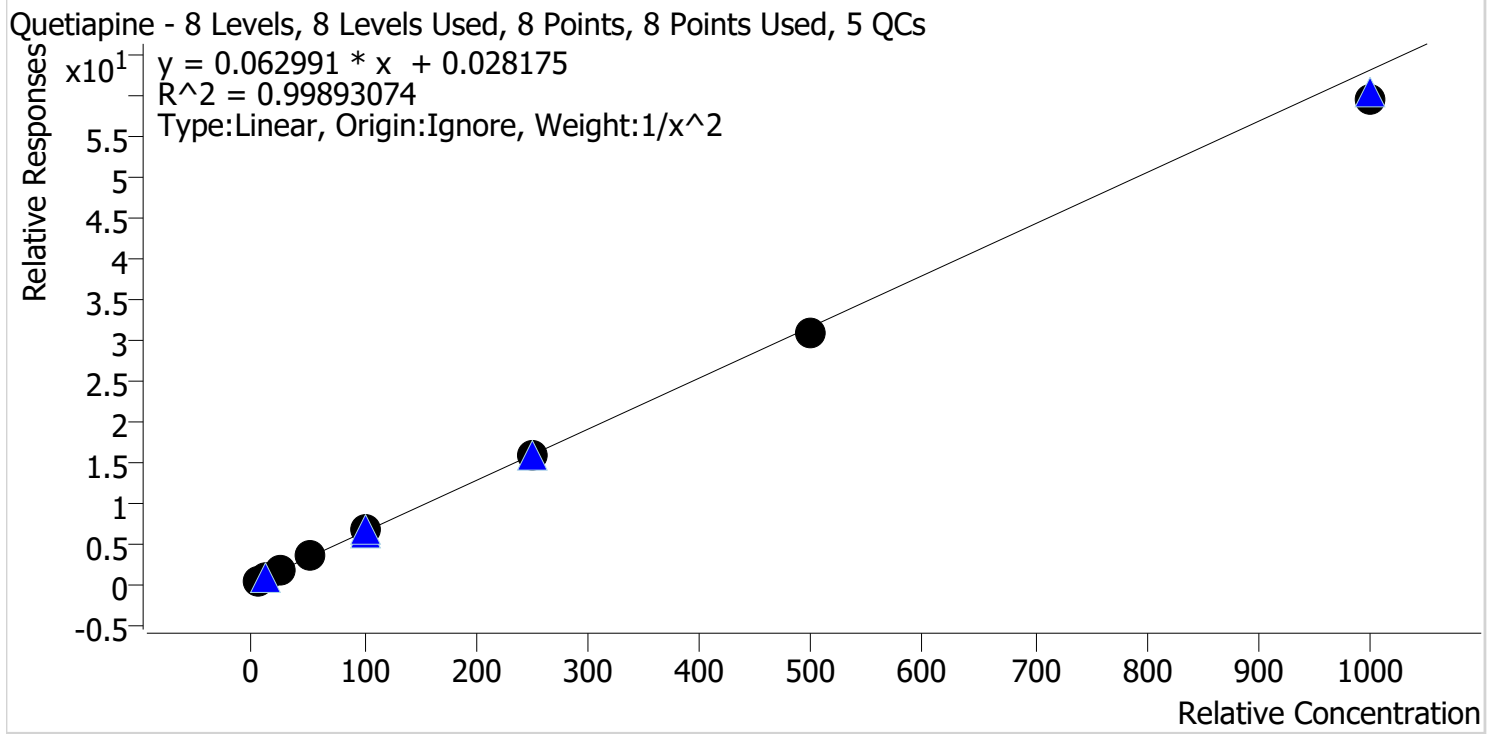
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	522.5	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1048.3	104.8

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8



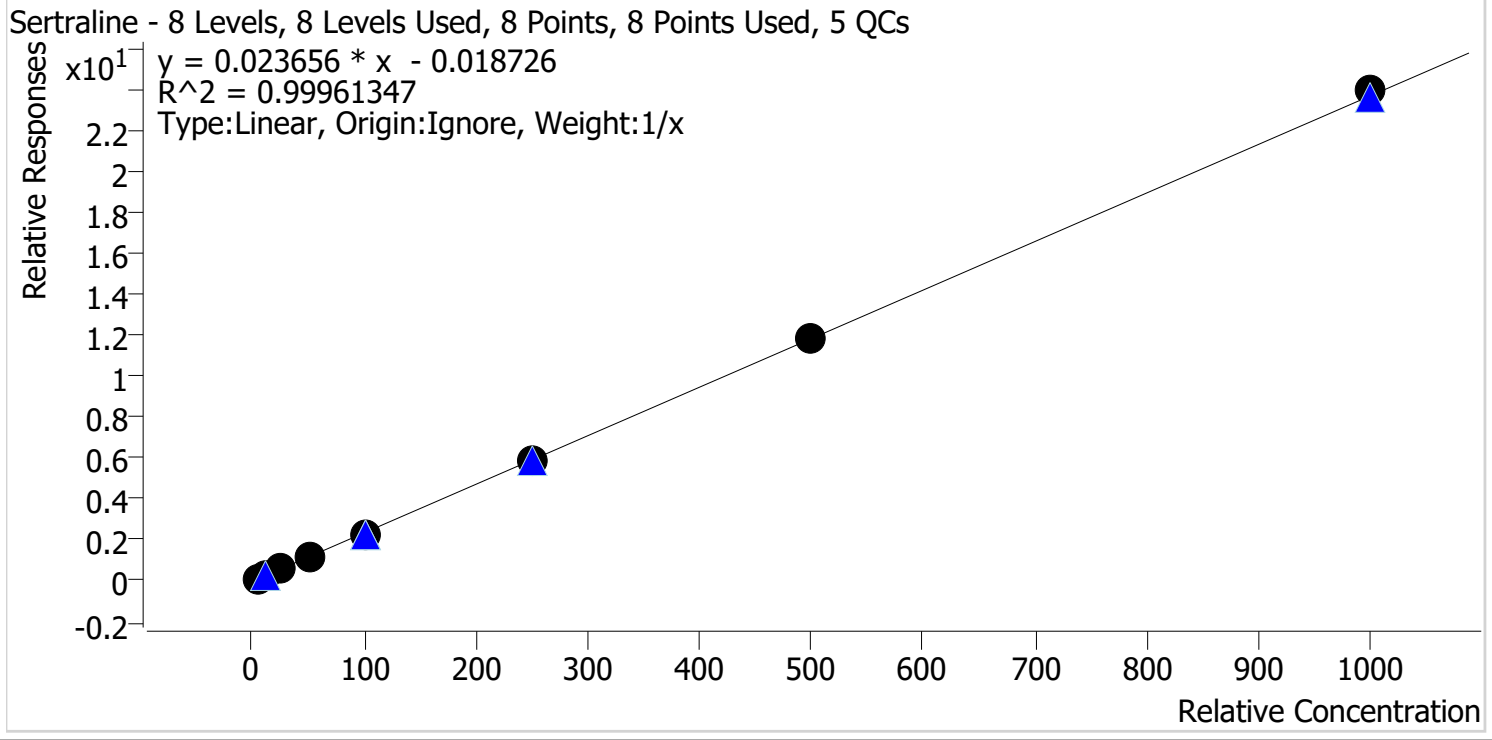
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng	8	✓	1000.0	946.0	94.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3



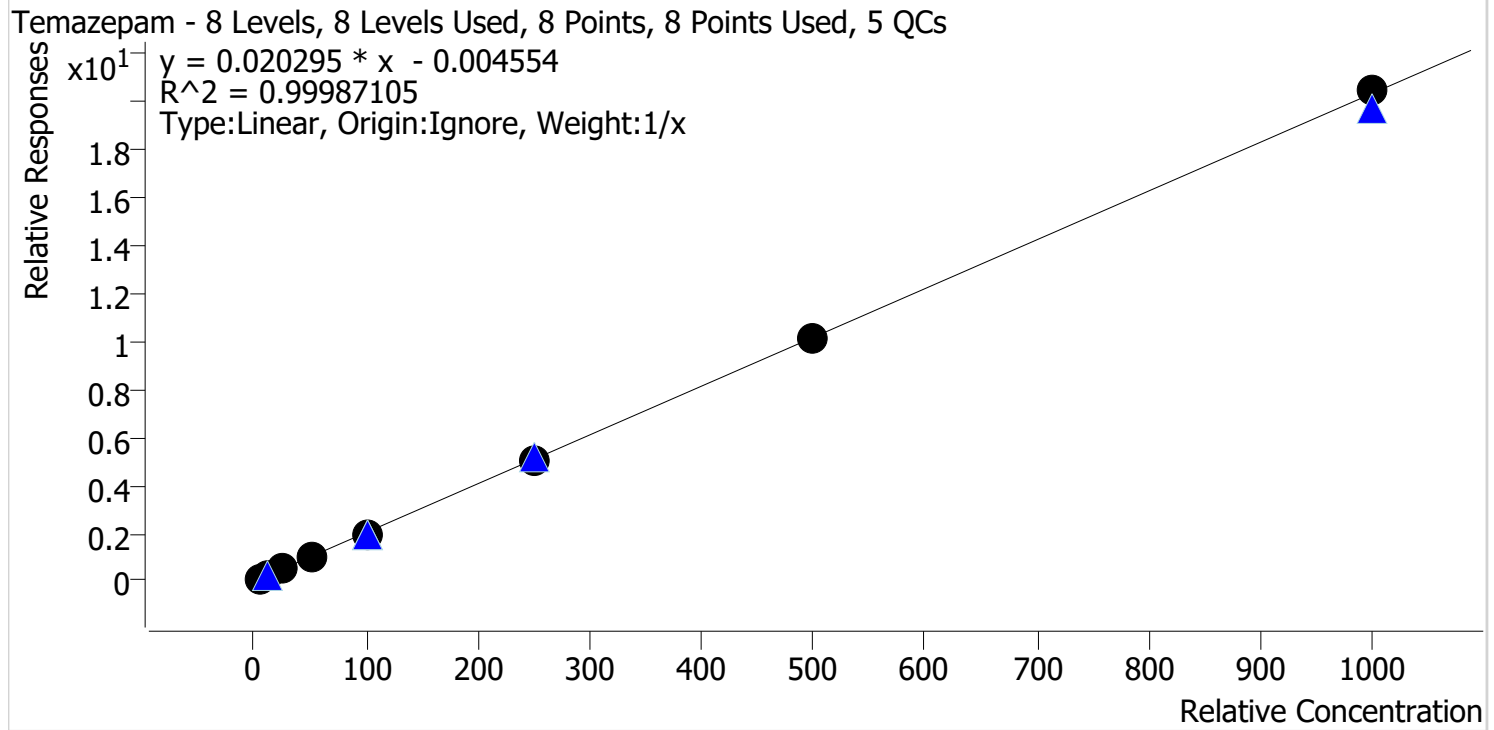
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	93.2	93.2
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1011.0	101.1

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



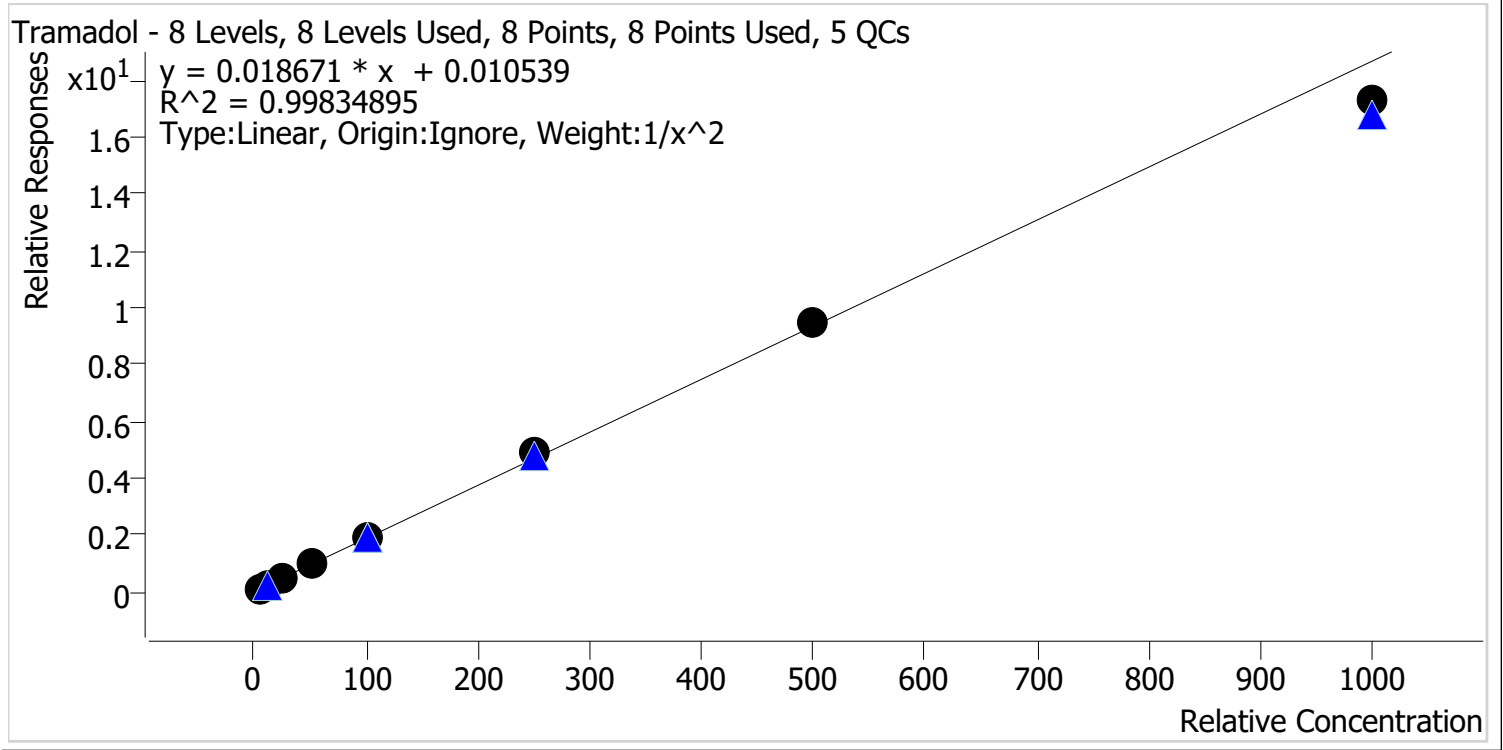
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1005.9	100.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3



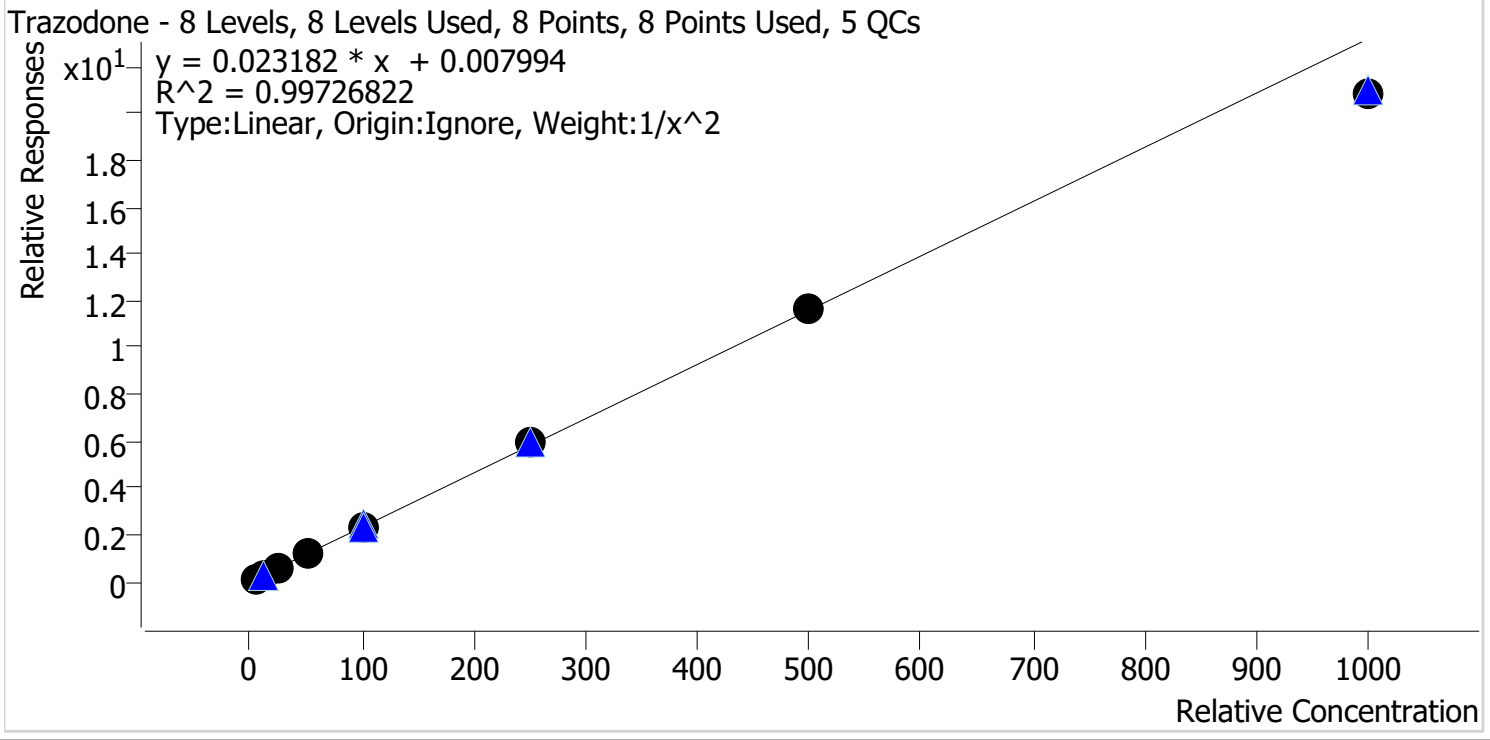
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	261.6	104.6
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	925.5	92.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6



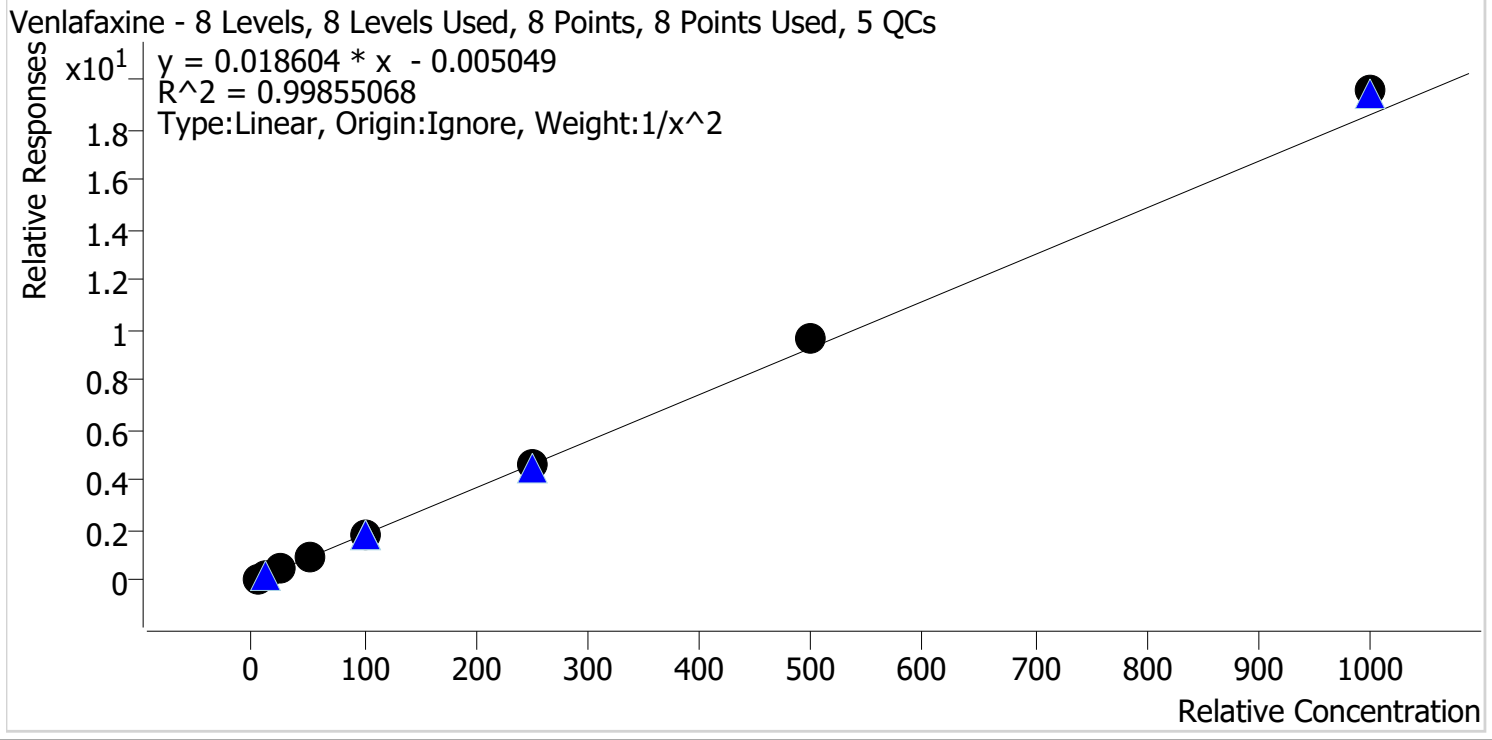
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	499.5	99.9
p1 Cal 8-1000ng	8	✓	1000.0	896.4	89.6

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6



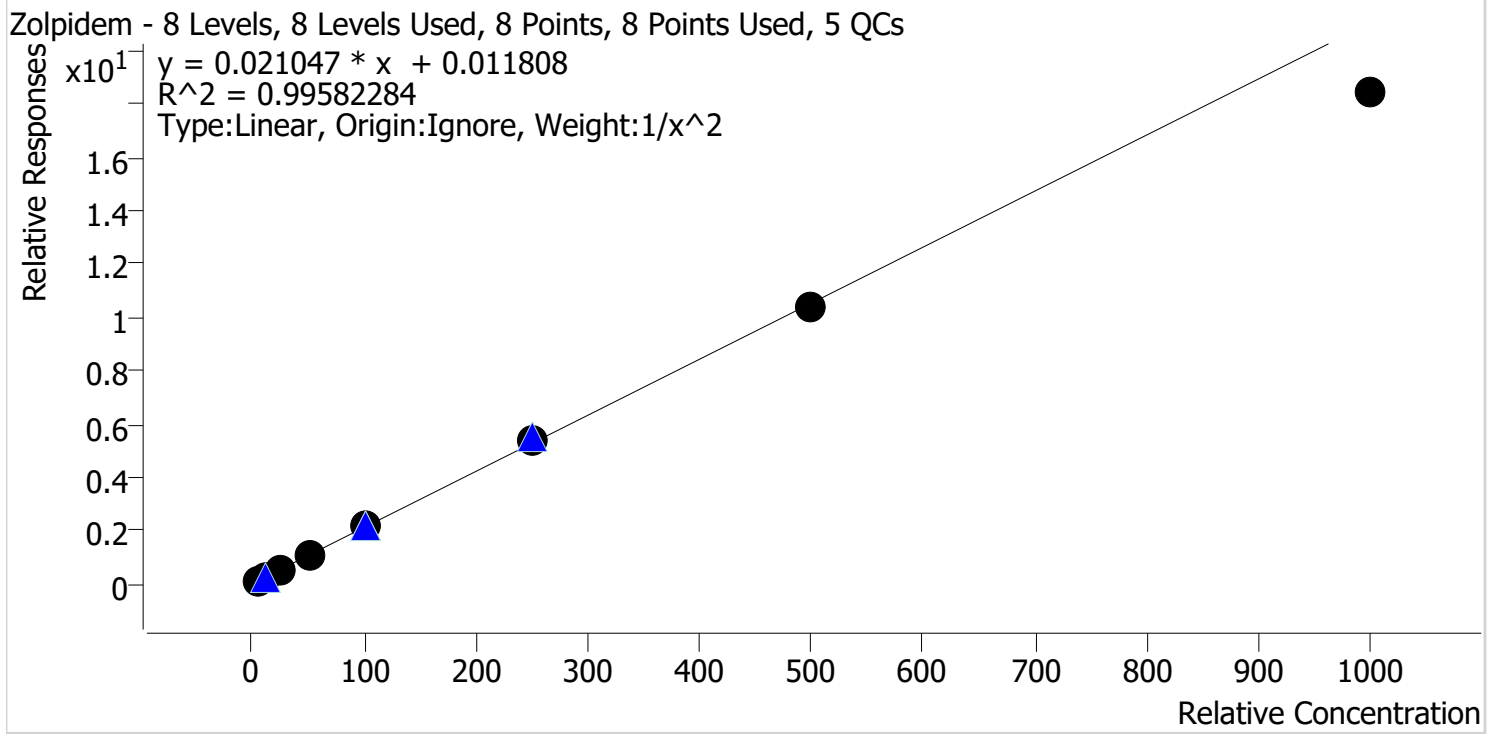
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	517.7	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1051.7	105.2

TS



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

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/23/2022 1:36 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	494.2	98.8
p1 Cal 8-1000ng	8	✓	1000.0	875.7	87.6



TS

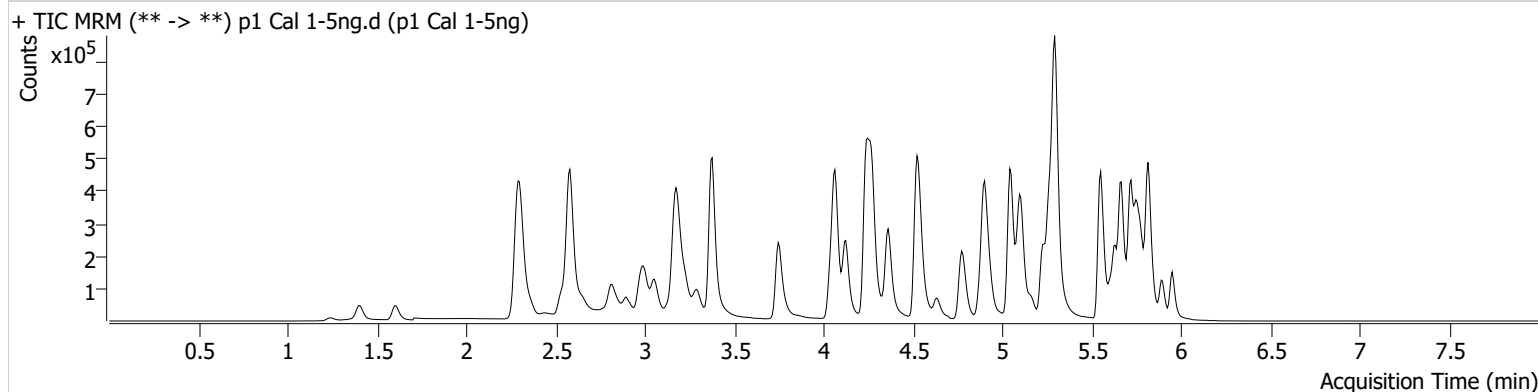


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 1-5ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 1-5ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-A5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 7:54:19 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1203	6722.42	70.1	2192.91	66062	0.5141 ng/ml
7-aminoclonazepam	4.265	14809	129.68	74.2	1115.28	111443	4.8317 ng/ml
a-hydroxyalprazolam	5.699	12282	220.46	71.9	927.04	282016	4.7143 ng/ml
alpha-PHP	4.937	19012	348.11	261.8	798.16	602497	4.9146 ng/ml
alpha-PVP	4.370	69333	751.66	53.8	1124.73	602497	5.0965 ng/ml
Alprazolam	5.775	37569	559.74	107.7	816.91	282016	5.0375 ng/ml
Amphetamine	3.056	127541	1355.99	51.8	303.25	371706	4.7665 ng/ml
Buprenorphine	5.860	1604	132.09	14.9	890.36	104108	0.5370 ng/ml
Bupropion	4.795	72067	295.37	63.6	196.83	520103	4.9975 ng/ml
Carisoprodol	5.730	44984	435.27	54.9	162.45	409463	5.8990 ng/ml
Citalopram	5.226	53454	1698.57	37.6	47883.20	482874	5.0485 ng/ml
Clonazepam	5.612	43078	166.80	35.9	3628.31	115421	4.7926 ng/ml
Clonazepam	5.555	27700	2026.01	37.4	15207.62	115421	4.7599 ng/ml
Cocaine	4.271	47146	237.15	56.1	130.80	835887	4.9775 ng/ml
Codeine	2.587	6641	24.17	94.9	8.49	63949	4.8316 ng/ml
Cyclobenzaprine	5.635	43767	519.41	7.9	66.79	375776	5.1471 ng/ml
Dextromethorphan	5.275	34415	125067.92	79.2	176.05	329498	5.0057 ng/ml
Dextrophan	4.125	21323	664.39	211.6	166532.73	475475	5.0827 ng/ml
Diazepam	5.960	25340	228.98	91.7	196.71	242671	4.9700 ng/ml
Dihydrocodeine	2.565	15416	2128.60	61.7	934.51	190142	4.8002 ng/ml
Diphenhydramine	5.303	152146	3801.85	31.8	2308.83	1713175	5.0856 ng/ml
Doxylamine	4.543	145512	5556.08	99.4	4077.93	1287271	5.0444 ng/ml
EDDP	5.268	47277	4171.32	41.0	73.51	535556	5.0895 ng/ml
Etizolam	5.820	15274	30025.14	24.6	10159.25	115421	5.1383 ng/ml
Fentanyl	5.109	4076	438.37	84.3	6448.49	511834	0.4972 ng/ml
Flualprazolam	5.705	17425	630.20	94.9	434.59	282016	4.8748 ng/ml
Fluoxetine	5.721	40524	180.45	8.2	9685.67	308495	5.1981 ng/ml
Hydrocodone	3.025	26144	143.88	33.4	107.89	269830	4.8582 ng/ml
Hydromorphone	1.615	18949	57067.50	70.9	35.77	123835	4.9754 ng/ml
Ketamine	4.059	48003	1482.29	36.3	167.53	431596	4.9735 ng/ml
Lamotrigine	4.280	4446	58.94	83.4	2786.15	431596	4.8409 ng/ml
Levetiracetam	2.649	22661	318.89	140.5	163.63	1269014	5.1735 ng/ml
Lorazepam	5.753	41494	790.26	47.0	71.34	115421	4.3061 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.203	85158	509.11	29.4	8.42 <b>Low</b>	567536	4.8434 ng/ml
MDMA	3.296	46349	2881.72	97.7	288.28	114590	4.9931 ng/ml
Meprobamate	4.904	30044	2688.15	26.0	201.22	298013	4.8399 ng/ml
Methadone	5.666	80899	496.94	55.4	509.24	731000	5.7968 ng/ml
Methamphetamine	3.231	120108	165.59	38.9	283.74	803492	4.8659 ng/ml
Metoprolol	4.333	13536	538.88	89.8	377.63	1174986	4.9024 ng/ml
Mirtazapine	4.637	96421	1878.51	46.6	3114.43	602497	5.1490 ng/ml
Mitragynine	5.237	16606	550.38	33.6	16641.84	731000	5.0177 ng/ml
Morphine	1.253	2706	660.67	20.5	480.80	9138	4.9869 ng/ml
Norbuprenorphine	4.992	238	14.24	120.4	935.93	18404	0.5395 ng/ml
Nordiazepam	5.900	27003	2638.83	59.3	390.34	185189	4.9731 ng/ml
Norfentanyl	4.086	10660	6825.68	38.2	220.22	972936	0.5132 ng/ml
Norhydrocodone	3.073	4193	106.64	43.4	190.11	82753	5.2484 ng/ml
Noroxycodone	2.916	24598	15.95	48.9	287.09	162465	4.9676 ng/ml
O-desmethyl-tramadol	3.376	106884	7897.70	5.7	89.14	1222766	5.1019 ng/ml
Oxazepam	5.756	51824	149.47	78.7	260.73	401160	4.9514 ng/ml
Oxycodone	2.841	41802	531.62	29.9	336.25	353074	4.9436 ng/ml
Oxymorphone	1.405	20711	93.98	47.0	71.20	134777	5.0134 ng/ml
Phentermine	3.783	30747	361.65	5.8	32.76	685262	4.8221 ng/ml
Promethazine	5.552	85264	1967.50	30.2	335.04	747801	5.1115 ng/ml
Pseudoephedrine	2.589	126579	817.19	16.6	104.37	1269014	5.1004 ng/ml
Quetiapine	5.569	64767	205.66	59.0	3015.88	191695	4.9164 ng/ml
Sertraline	5.789	11985	103.88	96.3	1082.23	108014	5.4820 ng/ml
Temazepam	5.823	81960	1368.39	26.4	92.41	809981	5.2101 ng/ml
Tramadol	4.252	121117	802.74	2.9	78.24	1174986	4.9564 ng/ml
Trazodone	5.163	64125	3699.20	77.7	1035.17	527372	4.9004 ng/ml
Venlafaxine	5.043	96999	940.91	34.4	144.18	1076841	5.1131 ng/ml
Zolpidem	4.921	106854	2126.69	30.7	818.47	929941	4.8983 ng/ml

# AM #28 Multi-Drug Quant. Results

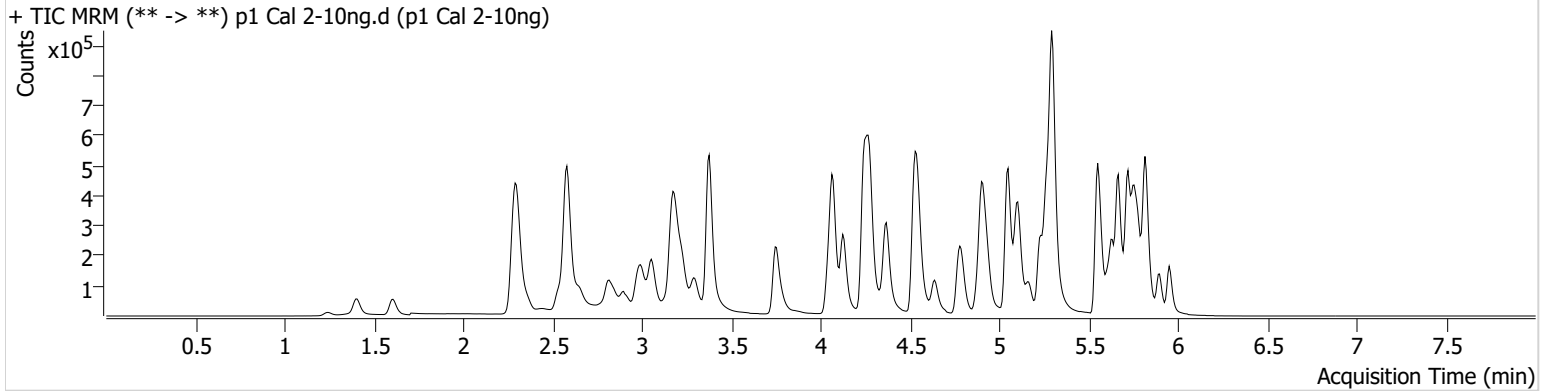
TS



**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 2-10ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 2-10ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-B5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 8:05:06 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	2170	285.89	71.8	240.49	64647	0.9553 ng/ml
7-aminoclonazepam	4.265	27256	185.37	78.7	945.75	104106	10.2199 ng/ml
a-hydroxyalprazolam	5.699	24091	139.72	68.1	562.76	270750	10.7564 ng/ml
alpha-PHP	4.944	36127	344.73	259.8	12262.38	597764	10.0300 ng/ml
alpha-PVP	4.376	133249	620.62	53.8	255.79	597764	9.7405 ng/ml
Alprazolam	5.782	72436	840.72	109.6	555.57	270750	9.9176 ng/ml
Amphetamine	3.056	243875	297.73	51.4	127.21	365904	10.2218 ng/ml
Benzoylecgonine	3.886	2232	29.76	7.1	14.23	7854	9.8430 ng/ml
Buprenorphine	5.860	2489	427.68	17.6	1164.88	98498	0.8847 ng/ml
Bupropion	4.795	138697	20511.47	63.5	308.14	505226	9.9928 ng/ml
Carisoprodol	5.730	87802	5308.45	55.8	485.12	397250	10.5109 ng/ml
Citalopram	5.232	102662	422.49	37.7	348.34	465070	9.9603 ng/ml
Clonazepam	5.612	83390	5700.68	34.6	8087.07	110495	10.4414 ng/ml
Clonazepam	5.555	52581	29564.02	37.6	32199.46	110495	10.4153 ng/ml
Cocaine	4.271	93000	159.17	54.1	323.04	817541	10.1471 ng/ml
Codeine	2.587	12517	2131.72	105.0	115.88	62185	10.2730 ng/ml
Cyclobenzaprine	5.635	80349	195288.86	7.6	346.60	348142	9.6190 ng/ml
Dextromethorphan	5.275	66206	234.08	79.6	296.96	318628	10.0162 ng/ml
Dextrophan	4.132	40510	235.09	212.2	4403.68	469055	9.8079 ng/ml
Diazepam	5.960	48342	425.55	91.8	∞	234196	10.0242 ng/ml
Dihydrocodeine	2.565	29126	271.23	61.0	120.04	184177	10.1879 ng/ml
Diphenhydramine	5.303	296149	272.00	31.6	11125.02	1644234	9.9485 ng/ml
Doxylamine	4.549	278121	3222.92	101.2	29963.46	1261177	9.8193 ng/ml
EDDP	5.268	93059	14653.99	41.2	348.66	529100	9.8916 ng/ml
Etizolam	5.820	28573	14625.96	26.1	11565.80	110495	9.7437 ng/ml
Fentanyl	5.109	8248	293.24	74.0	∞	480824	1.0304 ng/ml
Flualprazolam	5.705	32687	1304.88	96.2	3636.79	270750	10.1545 ng/ml
Fluoxetine	5.721	71144	161919.52	8.7	196.31	281584	9.5735 ng/ml
Hydrocodone	3.025	51040	437.08	32.8	67.33	273340	10.2988 ng/ml
Hydromorphone	1.615	36205	17496.44	75.9	617.08	117599	10.0891 ng/ml
Ketamine	4.059	89910	6138.97	37.9	444.24	420232	9.9812 ng/ml
Lamotrigine	4.287	8192	383.37	83.5	1494.18	420232	10.0933 ng/ml
Levetiracetam	2.649	42570	557.59	140.1	213.61	1222456	9.6995 ng/ml

TS

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	77922	1193.70	50.0	126.73	110495	10.3762 ng/ml
MDA	3.203	165714	3044.75	24.6	39.02	559619	10.2763 ng/ml
MDMA	3.296	90401	2340.01	94.7	298.40	109521	10.0694 ng/ml
Meprobamate	4.911	56153	3352.63	25.7	214.80	286932	10.2903 ng/ml
Methadone	5.666	158163	608.91	53.3	5146.02	689456	10.5390 ng/ml
Methamphetamine	3.231	212641	210.72	39.5	517.06	786350	10.1134 ng/ml
Metoprolol	4.340	24926	861.53	95.4	1757.45	1143640	10.0334 ng/ml
Mirtazapine	4.637	185266	2833.65	46.0	1244.02	597764	9.6716 ng/ml
Mitragynine	5.243	30315	52681.98	36.0	14616.75	689456	9.8708 ng/ml
Morphine	1.247	5287	113.56	19.6	894.60	9177	10.0385 ng/ml
Norbuprenorphine	4.999	357	674.24	99.2	150.70	17930	0.8735 ng/ml
Nordiazepam	5.900	52058	405.18	59.7	453.93	177843	10.0790 ng/ml
Norfentanyl	4.093	20284	165.14	37.9	131.01	930062	0.9750 ng/ml
Norhydrocodone	3.073	8443	186.58	40.8	93.55	78942	9.5530 ng/ml
Noroxycodone	2.916	46660	845.70	47.9	200.40	161007	9.9563 ng/ml
O-desmethyl-tramadol	3.383	201740	9701.46	5.6	668.66	1194738	9.7814 ng/ml
Oxazepam	5.756	98681	334.33	73.0	469.54	384550	10.0804 ng/ml
Oxycodone	2.841	84284	348.61	29.1	271.80	352232	10.1269 ng/ml
Oxymorphone	1.405	39898	168.52	45.7	569.41	136534	9.7443 ng/ml
Phentermine	3.783	58270	713.14	5.7	45.50	660344	10.2745 ng/ml
Promethazine	5.552	157558	831.09	30.9	952.48	705205	9.7822 ng/ml
Pseudoephedrine	2.589	243725	4403.45	17.4	402.74	1222456	9.8566 ng/ml
Quetiapine	5.569	121794	441317.50	60.4	197074.05	182074	10.1720 ng/ml
Sertraline	5.789	22037	540.58	93.1	282.53	100020	10.1054 ng/ml
Temazepam	5.823	158457	633.88	27.2	226.09	783968	10.1834 ng/ml
Tramadol	4.252	228262	4702.23	3.3	52.14	1143640	10.1255 ng/ml
Trazodone	5.163	123367	1161.46	76.6	236.05	504655	10.2005 ng/ml
Venlafaxine	5.050	179104	269.84	35.7	591.95	1014193	9.7637 ng/ml
Zolpidem	4.928	202124	1079.04	30.9	7022.86	895939	10.1577 ng/ml

TS

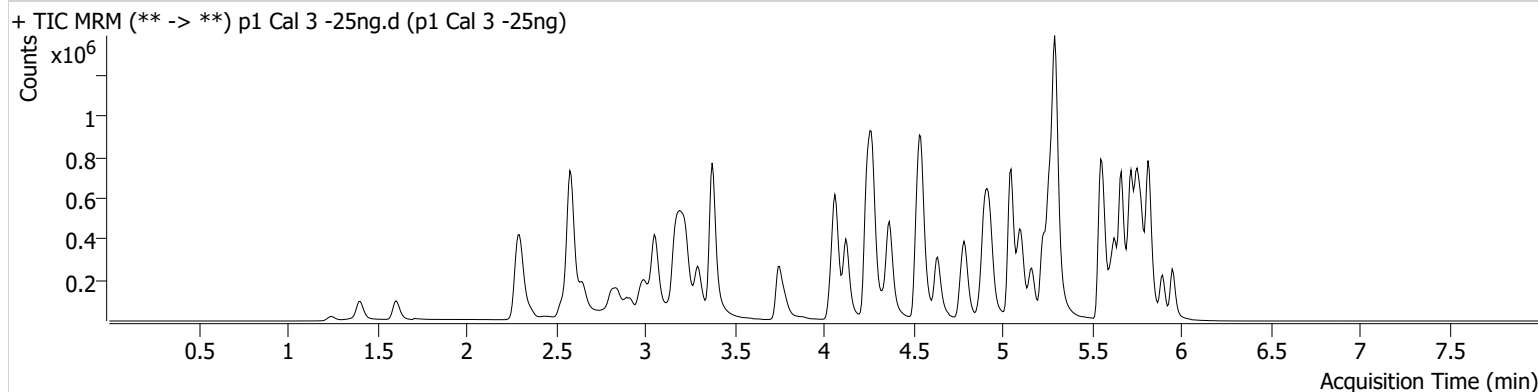


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 3 -25ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 3 -25ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-C5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 8:15:44 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	6389	745.32	70.3	356.30	75183	2.4322 ng/ml
7-aminoclonazepam	4.265	79851	2628.02	79.0	1180.94	120402	26.9950 ng/ml
a-hydroxyalprazolam	5.699	63667	280.11	68.6	1262.02	301707	26.9886 ng/ml
alpha-PHP	4.944	102256	3005.95	257.8	2640.37	678664	26.0119 ng/ml
alpha-PVP	4.376	383372	34997.94	52.9	11925.90	678664	24.4678 ng/ml
Alprazolam	5.775	204504	390.35	108.7	3044.22	301707	24.8237 ng/ml
Amphetamine	3.056	725855	539.65	49.1	4304.99	418498	28.2373 ng/ml
Benzoylecgonine	3.886	6601	131.30	8.2	33.80	9235	25.0331 ng/ml
Buprenorphine	5.860	7926	387.73	15.4	1858.92	116654	2.3896 ng/ml
Bupropion	4.795	399540	101584.28	63.7	470.77	580331	25.2011 ng/ml
Carisoprodol	5.730	238041	13037.40	56.1	112.05	447187	23.4252 ng/ml
Citalopram	5.232	288419	792.16	38.6	192789.21	530772	24.3612 ng/ml
Clonazepam	5.612	227649	3717.43	35.2	334913.24	124296	26.3871 ng/ml
Clonazepam	5.555	146488	3705.14	38.6	93671.80	124296	27.2629 ng/ml
Cocaine	4.271	266216	1233.89	54.5	9749.82	960014	24.8889 ng/ml
Codeine	2.587	35380	21004.89	105.4	143.46	71891	26.5181 ng/ml
Cyclobenzaprine	5.635	227026	26768.37	7.7	340.43	379752	23.9759 ng/ml
Dextromethorphan	5.275	183006	296.78	77.9	255.68	355302	24.9158 ng/ml
Dextrophan	4.125	115910	361.91	215.1	675.65	539995	24.4076 ng/ml
Diazepam	5.960	133388	3920.84	90.9	4270.98	257307	25.4839 ng/ml
Dihydrocodeine	2.565	85663	7150.78	61.7	17518.55	213470	27.1865 ng/ml
Diphenhydramine	5.303	819696	29285.89	32.2	12411.31	1874692	23.6434 ng/ml
Doxylamine	4.543	824501	10694.49	99.7	13687.07	1464814	25.0276 ng/ml
EDDP	5.268	276409	21759.72	41.2	298.18	637351	24.0231 ng/ml
Etizolam	5.820	79109	7953.67	26.1	8916.24	124296	23.5264 ng/ml
Fentanyl	5.109	22355	1544.17	73.9	39654.14	541962	2.4282 ng/ml
Flualprazolam	5.705	91464	5176.85	99.7	16876.53	301707	26.4959 ng/ml
Fluoxetine	5.721	184100	43740.81	8.8	3882.21	286184	23.6646 ng/ml
Hydrocodone	3.032	142077	366.47	34.0	294.85	319394	25.9302 ng/ml
Hydromorphone	1.615	107938	11958.83	74.2	241408.65	141974	25.0283 ng/ml
Ketamine	4.059	262054	5913.17	38.2	341.47	489999	25.6212 ng/ml
Lamotrigine	4.287	24434	995.69	81.8	3084.19	489999	27.4442 ng/ml
Levetiracetam	2.656	123652	819.60	139.6	828.87	1412773	23.7583 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	204799	3787.32	51.3	279.01	124296	26.9248 ng/ml
MDA	3.203	463691	2788.13	30.0	191.89	628882	26.6865 ng/ml
MDMA	3.296	265566	4799.80	92.3	1677.80	128017	25.1316 ng/ml
Meprobamate	4.904	159409	12715.85	25.7	2033.77	327643	26.9956 ng/ml
Methadone	5.666	439909	29397.85	52.7	334.55	788934	23.6468 ng/ml
Methamphetamine	3.231	599598	1244.50	38.6	1978.49	922670	26.5780 ng/ml
Metoprolol	4.333	72767	401955.01	95.2	2246.05	1352668	26.0124 ng/ml
Mirtazapine	4.637	530467	4120.69	46.5	1862.00	678664	23.9034 ng/ml
Mitragynine	5.243	87677	154.03	35.2	63093.45	788934	25.2070 ng/ml
Morphine	1.247	15149	234.10	21.1	1111.28	10975	24.5496 ng/ml
Norbuprenorphine	4.999	1002	571.64	111.7	1738.14	20549	2.2557 ng/ml
Nordiazepam	5.900	143624	883.45	59.0	3419.95	197631	25.1636 ng/ml
Norfentanyl	4.093	59003	24573.61	36.9	248.42	1073282	2.3863 ng/ml
Norhydrocodone	3.080	24268	89.09	40.5	52.13	85524	23.0759 ng/ml
Noroxycodone	2.916	134701	1399.98	47.7	2240.03	184930	25.7659 ng/ml
O-desmethyl-tramadol	3.383	591139	773.46	5.7	3467.89	1401138	24.3201 ng/ml
Oxazepam	5.756	267380	567.65	73.8	481.81	419775	25.3893 ng/ml
Oxycodone	2.848	244248	584.98	29.7	863.39	410509	25.3781 ng/ml
Oxymorphone	1.405	115831	∞	45.9	1163.64	154546	25.3581 ng/ml
Phentermine	3.783	168342	354.05	5.7	125.53	764640	26.8575 ng/ml
Promethazine	5.552	430990	6046.92	30.7	696.54	769888	24.1436 ng/ml
Pseudoephedrine	2.589	701994	16147.17	17.1	9483.40	1412773	24.0601 ng/ml
Quetiapine	5.569	339595	15782.94	59.9	644603.03	206599	25.6475 ng/ml
Sertraline	5.789	58418	433.96	89.2	358.73	103311	24.6951 ng/ml
Temazepam	5.823	440527	990.15	26.3	10488.05	873054	25.0864 ng/ml
Tramadol	4.252	645782	63449.22	3.2	1004.70	1352668	25.0053 ng/ml
Trazodone	5.163	341896	1083.97	78.1	338985.56	562819	25.8600 ng/ml
Venlafaxine	5.050	525925	31290.31	34.6	5742.87	1187897	24.0688 ng/ml
Zolpidem	4.928	577306	999.25	30.5	17949.03	1047292	25.6293 ng/ml

TS

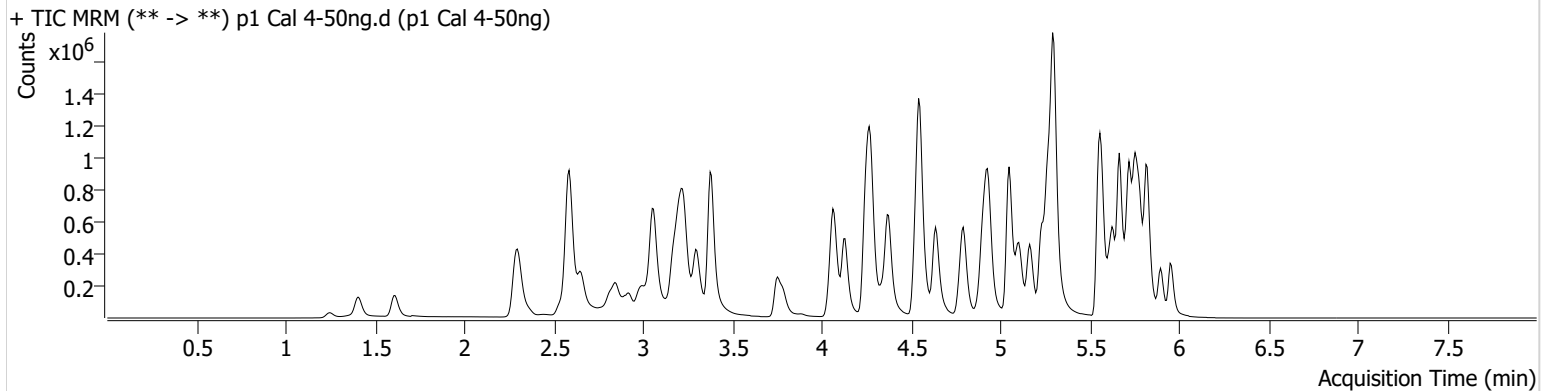


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

**Instrument** Falco (069901) **Data File** p1 Cal 4-50ng.d  
**Type** Cal **Sample** p1 Cal 4-50ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P6-D5 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/22/2022 8:26:20 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	11724	721.04	70.5	2978.28	67540	4.9775 ng/ml
7-aminoclonazepam	4.265	141658	234.66	79.1	1485.97	109517	53.3361 ng/ml
a-hydroxyalprazolam	5.699	109264	423.09	66.1	164.11	265203	53.7188 ng/ml
alpha-PHP	4.944	186909	1950.14	258.9	63944.83	616462	53.0258 ng/ml
alpha-PVP	4.376	705504	31691.19	52.1	4609.25	616462	49.4260 ng/ml
Alprazolam	5.782	356243	1527.01	109.1	1095.63	265203	49.0007 ng/ml
Amphetamine	3.063	1280092	500.85	49.0	4381.15	384803	55.0968 ng/ml
Benzoylecgonine	3.886	11422	3214.37	7.9	59.15	8395	47.8144 ng/ml
Buprenorphine	5.860	14505	239.82	15.8	2795.50	108964	4.6875 ng/ml
Bupropion	4.795	726401	46157.40	64.1	9848.17	536780	49.6254 ng/ml
Carisoprodol	5.730	403098	77189.15	55.8	1917.58	372810	46.1992 ng/ml
Citalopram	5.232	529807	15203.62	38.6	482859.64	485975	48.7666 ng/ml
Clonazepam	5.612	386063	460.94	35.9	2349.22	105483	53.4630 ng/ml
Clonazepam	5.555	247705	372338.29	38.4	36273.56	105483	55.3090 ng/ml
Cocaine	4.277	471055	861.38	56.1	300.21	862022	49.1492 ng/ml
Codeine	2.593	62236	310.87	105.0	3891.63	64805	52.6693 ng/ml
Cyclobenzaprine	5.635	439435	39694.69	7.5	1308.22	352721	49.3238 ng/ml
Dextromethorphan	5.275	341711	1442.58	78.5	340.97	333079	49.6854 ng/ml
Dextrophan	4.132	211670	702.75	213.2	600.51	489001	49.2416 ng/ml
Diazepam	5.960	235722	534.84	92.4	1893.81	232197	50.1007 ng/ml
Dihydrocodeine	2.565	157904	7678.98	59.8	25235.13	194668	55.8397 ng/ml
Diphenhydramine	5.303	1533575	21621.42	31.9	30036.31	1699301	48.4219 ng/ml
Doxylamine	4.549	1489959	61586.25	100.6	5602.94	1346082	49.1948 ng/ml
EDDP	5.268	527326	10259.67	42.1	15390.79	604782	48.0455 ng/ml
Etizolam	5.820	139030	2774.51	26.2	44492.42	105483	48.3868 ng/ml
Fentanyl	5.109	43204	288.62	76.2	151.44	525892	4.8014 ng/ml
Flualprazolam	5.705	156712	11701.67	99.2	27451.36	265203	52.2726 ng/ml
Fluoxetine	5.721	350660	9206.30	8.7	163.83	274204	46.5899 ng/ml
Hydrocodone	3.032	256250	158.99	34.1	315.37	291932	52.1500 ng/ml
Hydromorphone	1.615	193706	2174.04	71.7	1432.10	124722	51.2091 ng/ml
Ketamine	4.059	467727	446.32	38.2	873.64	447628	50.4859 ng/ml
Lamotrigine	4.287	42710	1401.01	84.3	4816.64	447628	53.4663 ng/ml
Levetiracetam	2.656	222327	3191.13	141.5	2895.28	1275094	46.9237 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	336601	1725.26	50.8	145.94	105483	54.0243 ng/ml
MDA	3.209	804975	7402.66	30.6	299.02	567196	52.0487 ng/ml
MDMA	3.303	472901	40095.85	93.9	1684.66	117532	48.6361 ng/ml
Meprobamate	4.911	273384	24302.42	25.7	3744.03	297512	51.8306 ng/ml
Methadone	5.666	841724	16068.95	53.7	976.25	738321	46.9094 ng/ml
Methamphetamine	3.231	1069757	850.69	39.1	883.55	851532	52.8921 ng/ml
Metoprolol	4.340	132434	3407.18	94.2	1626.20	1204295	54.0618 ng/ml
Mirtazapine	4.637	975654	52787.60	46.7	1866.04	616462	48.0714 ng/ml
Mitragynine	5.243	164083	240202.27	36.1	31246.99	738321	50.5770 ng/ml
Morphine	1.253	28832	44.37	19.0	65.56	9925	52.0619 ng/ml
Norbuprenorphine	5.006	2009	7317.11	95.8	757.62	19193	4.9314 ng/ml
Nordiazepam	5.900	250207	1747.89	59.3	1196.43	173786	49.9453 ng/ml
Norfentanyl	4.093	108325	9560.25	36.4	100.09	976793	4.7660 ng/ml
Norhydrocodone	3.080	41282	339.02	40.6	89.45	73974	44.0562 ng/ml
Noroxycodone	2.923	235691	3344.54	49.8	1569.60	164870	51.0408 ng/ml
O-desmethyl-tramadol	3.383	1074842	10134.78	5.8	2625.85	1282987	48.2140 ng/ml
Oxazepam	5.756	448201	324.84	76.1	213.38	351005	51.1469 ng/ml
Oxycodone	2.848	434851	1032.29	29.7	705.78	366041	50.8037 ng/ml
Oxymorphone	1.405	211257	∞	46.7	136.35	135797	52.8862 ng/ml
Phentermine	3.790	303723	2690.40	5.7	508.00	702572	53.5257 ng/ml
Promethazine	5.552	829537	22887.73	30.4	7322.73	738435	48.2040 ng/ml
Pseudoephedrine	2.596	1270856	14547.61	17.2	16013.18	1275094	47.9198 ng/ml
Quetiapine	5.569	623760	78160.26	61.5	9229821.54	192164	51.0833 ng/ml
Sertraline	5.789	113302	1466.09	90.2	6612.92	100318	48.5359 ng/ml
Temazepam	5.823	735095	8535.72	27.0	245.76	750164	48.5072 ng/ml
Tramadol	4.259	1162650	1032.18	3.2	165.14	1204295	51.1423 ng/ml
Trazodone	5.163	643464	287.25	78.8	62222.49	542666	50.8055 ng/ml
Venlafaxine	5.050	973522	20822.05	34.2	2747.96	1085808	48.4638 ng/ml
Zolpidem	4.928	1068423	154000.57	29.9	3625.99	948672	52.9483 ng/ml



TS

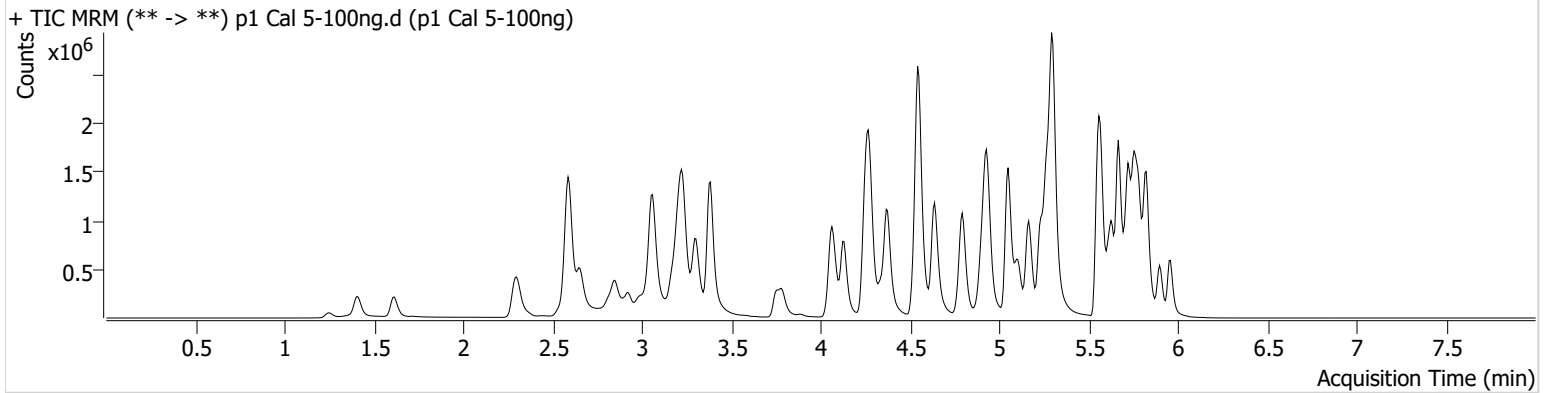


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 5-100ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 5-100ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-E5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 8:36:56 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	24645	383.25	70.9	123485.57	71585	9.8812 ng/ml
7-aminoclonazepam	4.265	284800	3428.81	78.5	1684.55	112875	104.7267 ng/ml
a-hydroxyalprazolam	5.699	209056	451.07	67.8	665.52	280367	98.0951 ng/ml
alpha-PHP	4.944	388814	686.43	258.0	6289.28	655852	104.3249 ng/ml
alpha-PVP	4.376	1483373	19910.71	52.5	25207.71	655852	97.5426 ng/ml
Alprazolam	5.782	763418	1804.69	108.3	1118.17	280367	99.1248 ng/ml
Amphetamine	3.063	2542344	3366.23	49.0	916.88	401955	105.6771 ng/ml
Benzoylecgonine	3.886	22249	∞	7.6	169.24	7852	99.7668 ng/ml
Buprenorphine	5.860	32417	365.28	14.5	7916.75	119801	9.5349 ng/ml
Bupropion	4.795	1575772	852799.24	63.8	15849.65	581083	99.5378 ng/ml
Carisoprodol	5.730	792672	91520.96	54.8	621.96	357117	93.4286 ng/ml
Citalopram	5.232	1134238	1358.14	37.8	728.96	514400	98.5226 ng/ml
Clonazepam	5.612	788916	1709.75	35.3	1567478.71	110597	104.8959 ng/ml
Clonazepam	5.555	476279	138233.70	38.6	394703.91	110597	102.2575 ng/ml
Cocaine	4.271	986631	29426.32	54.7	1331.51	893140	99.4656 ng/ml
Codeine	2.593	127806	4084.43	102.6	171.35	65938	107.2884 ng/ml
Cyclobenzaprine	5.635	942601	14155.54	7.6	315.33	380868	97.3991 ng/ml
Dextromethorphan	5.275	713813	48946.42	79.0	19032.12	351028	98.5405 ng/ml
Dextrophan	4.132	437154	25043.51	214.1	18636.16	507892	97.9346 ng/ml
Diazepam	5.960	519159	1209.75	92.5	9304.23	252658	101.6165 ng/ml
Dihydrocodeine	2.565	311854	245.81	60.9	222.13	205415	105.2677 ng/ml
Diphenhydramine	5.303	3304447	83409.06	32.0	39302.65	1836383	96.1946 ng/ml
Doxylamine	4.543	3218498	98427.62	98.8	209342.95	1417949	100.8571 ng/ml
EDDP	5.268	1121660	750.00	41.7	484.10	634653	97.1288 ng/ml
Etizolam	5.820	295499	4129.72	26.9	67081.45	110597	97.7669 ng/ml
Fentanyl	5.109	101103	365.98	73.6	4459.80	590426	9.9697 ng/ml
Flualprazolam	5.705	324604	3366.36	100.4	12347.69	280367	103.0515 ng/ml
Fluoxetine	5.721	724682	57502.94	8.9	1139.92	274333	95.7484 ng/ml
Hydrocodone	3.032	517146	150.43	34.4	246.61	296785	104.5195 ng/ml
Hydromorphone	1.615	334471	2647.23	77.2	2446.10	115199	95.7998 ng/ml
Ketamine	4.059	978760	1027.57	38.4	3916.89	473815	100.2450 ng/ml
Lamotrigine	4.287	88967	3130.74	84.5	615.50	473815	106.2279 ng/ml
Levetiracetam	2.656	432149	2610.55	141.1	3944.89	1291102	89.7006 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	607039	2765.70	52.2	1383.53	110597	94.3687 ng/ml
MDA	3.209	1597390	3395.94	30.3	401.13	572188	103.0975 ng/ml
MDMA	3.303	991622	1432.38	93.6	7022.82	121732	98.3477 ng/ml
Meprobamate	4.911	528499	20598.97	25.2	2929.52	299317	100.4695 ng/ml
Methadone	5.666	1864173	954.80	52.5	3993.11	817523	92.4486 ng/ml
Methamphetamine	3.231	2224575	25303.77	38.4	16999.07	891715	106.6310 ng/ml
Metoprolol	4.340	272502	1977.54	96.4	2475.58	1304587	103.4526 ng/ml
Mirtazapine	4.637	2094809	71693.51	46.5	4948.19	655852	96.6879 ng/ml
Mitragynine	5.243	356912	3669.36	36.1	829.60	817523	99.5195 ng/ml
Morphine	1.253	49740	2706.82	19.8	552.72	8894	100.5581 ng/ml
Norbuprenorphine	5.006	4874	11376.95	97.3	130.64	21074	10.9915 ng/ml
Nordiazepam	5.900	540966	127649.11	59.3	896.81	187994	99.9191 ng/ml
Norfentanyl	4.093	223039	12928.82	36.5	96.95	985397	9.6784 ng/ml
Norhydrocodone	3.080	79733	156.66	38.3	138.71	64276	96.2508 ng/ml
Noroxycodone	2.923	454368	3288.29	50.2	4699.89	159948	101.9088 ng/ml
O-desmethyl-tramadol	3.383	2261752	1872.30	5.7	430.76	1330345	97.7615 ng/ml
Oxazepam	5.756	866726	7318.89	72.5	2499.11	344713	100.9530 ng/ml
Oxycodone	2.848	908032	1082.06	29.9	1381.65	385128	100.9585 ng/ml
Oxymorphone	1.405	432288	∞	44.7	599.66	143026	102.9699 ng/ml
Phentermine	3.790	618344	3120.82	5.8	975.32	738127	104.4901 ng/ml
Promethazine	5.552	1811696	2095.09	30.8	779.77	807416	96.0395 ng/ml
Pseudoephedrine	2.596	2590208	46791.54	17.0	6734.15	1291102	96.1143 ng/ml
Quetiapine	5.569	1329483	2409.27	61.2	38677.35	205183	102.4164 ng/ml
Sertraline	5.796	228381	15452.49	91.9	1107.72	104430	93.2388 ng/ml
Temazepam	5.823	1492118	17092.11	26.6	7747.76	758833	97.1105 ng/ml
Tramadol	4.252	2422698	14785.43	3.2	378.81	1304587	98.8975 ng/ml
Trazodone	5.163	1456807	112620.48	78.8	191141.78	609234	102.8064 ng/ml
Venlafaxine	5.050	2097745	46588.71	33.6	1204.12	1151199	98.2178 ng/ml
Zolpidem	4.928	2229880	185941.44	29.3	1163.47	1015429	103.7750 ng/ml

TS

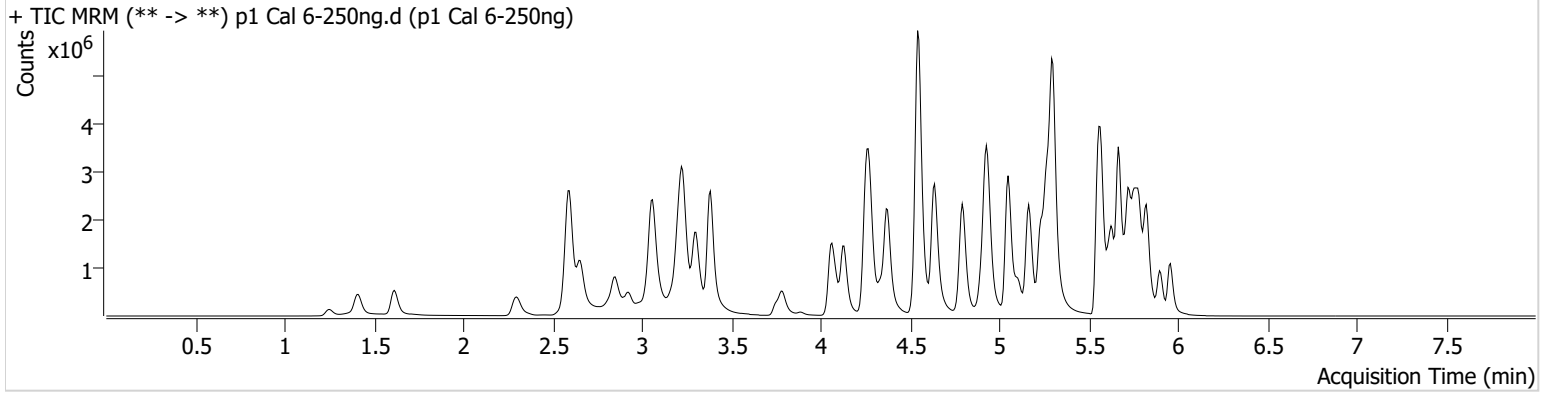


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 6-250ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 6-250ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-F5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 8:47:33 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	59109	129196.85	70.2	289.24	66914	25.3678 ng/ml
7-aminoclonazepam	4.265	534660	4868.40	81.6	1480.56	93994	237.0039 ng/ml
a-hydroxyalprazolam	5.699	370734	504.31	68.6	465.40	231780	211.6589 ng/ml
alpha-PHP	4.944	859800	79304.05	258.7	21538.58	603024	251.8556 ng/ml
alpha-PVP	4.376	3461261	110978.69	52.1	794.74	603024	247.3259 ng/ml
Alprazolam	5.782	1614350	23766.25	108.8	∞	231780	253.2447 ng/ml
Amphetamine	3.063	5182425	692.63	48.8	587.08	374017	232.7249 ng/ml
Benzoylecgonine	3.886	62632	5042.38	7.9	427.07	8294	266.1854 ng/ml
Buprenorphine	5.860	77163	19220.87	15.3	24491.53	109296	24.8880 ng/ml
Bupropion	4.795	3728802	108420.00	63.3	30346.68	542268	252.5426 ng/ml
Carisoprodol	5.730	1473818	141857.18	55.2	15778.88	253882	242.1816 ng/ml
Citalopram	5.232	2531821	40190.54	37.9	755.76	446375	253.2653 ng/ml
Clonazepam	5.612	1529608	2948.72	35.4	627.70	89878	251.2833 ng/ml
Clonazepam	5.555	897239	725479.77	38.2	658149.19	89878	238.3579 ng/ml
Cocaine	4.271	2159739	191176.10	55.8	4547.15	783202	248.4526 ng/ml
Codeine	2.593	258481	108.92	100.7	3525.33	57498	250.1152 ng/ml
Cyclobenzaprine	5.635	2125971	95524.14	7.3	6639.42	336254	247.9039 ng/ml
Dextromethorphan	5.275	1512048	51204.58	78.7	17728.27	294889	248.5621 ng/ml
Dextrophan	4.132	999246	40583.83	216.8	2574.51	456243	249.2332 ng/ml
Diazepam	5.960	1107346	9108.26	91.9	498.73	218833	250.5454 ng/ml
Dihydrocodeine	2.565	715686	13411.36	62.5	619.52	196333	253.9733 ng/ml
Diphenhydramine	5.303	7610361	142311.43	31.0	46898.96	1572758	258.0768 ng/ml
Doxylamine	4.543	7991203	183183.68	97.6	16288.07	1345528	263.8597 ng/ml
EDDP	5.268	2607226	136874.52	41.0	36735.09	569506	251.1973 ng/ml
Etizolam	5.820	626067	11933.11	26.3	286496.64	89878	254.3885 ng/ml
Fentanyl	5.109	240252	17493.40	73.5	745213.54	553130	25.2343 ng/ml
Flualprazolam	5.712	649498	5146.14	103.6	30635.92	231780	250.3562 ng/ml
Fluoxetine	5.721	1531760	29153.65	8.3	269004.06	217000	255.0857 ng/ml
Hydrocodone	3.032	1144215	200.53	34.8	257.86	270584	255.0888 ng/ml
Hydromorphone	1.615	962738	3552791.63	74.7	2595776.21	128254	247.8039 ng/ml
Ketamine	4.059	2288230	51160.12	37.7	7184.69	435310	255.7841 ng/ml
Lamotrigine	4.294	184124	9011.32	87.4	58794.66	435310	240.6026 ng/ml
Levetiracetam	2.656	1065358	1873.42	143.6	985.71	1132967	251.2586 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	931927	37172.68	50.4	1467.79	89878	180.0573 ng/ml
MDA	3.203	3131729	2008.17	29.6	149.54	478025	242.9341 ng/ml
MDMA	3.303	2260254	13546.39	94.8	14160.64	107679	253.2427 ng/ml
Meprobamate	4.904	1012140	29308.93	24.8	8525.29	262572	220.4625 ng/ml
Methadone	5.666	4279392	2641.31	51.5	54348.19	722049	238.0849 ng/ml
Methamphetamine	3.231	5169926	1526.66	37.9	900.86	866269	257.3465 ng/ml
Metoprolol	4.333	593228	43284.99	96.7	24429.11	1126088	262.2058 ng/ml
Mirtazapine	4.637	5015145	2823.19	45.3	3831.67	603024	251.2435 ng/ml
Mitragynine	5.243	807787	17353.00	35.6	20307.79	722049	255.2868 ng/ml
Morphine	1.253	140891	524.44	19.7	319.13	10088	251.6513 ng/ml
Norbuprenorphine	5.006	10350	116.80	102.6	85.64	20260	24.3759 ng/ml
Nordiazepam	5.900	1103898	44914.38	59.2	8459.84	150710	254.4832 ng/ml
Norfentanyl	4.093	534002	322.04	36.4	3941.84	888892	25.6102 ng/ml
Norhydrocodone	3.080	173319	∞	40.3	100.88	51866	256.9616 ng/ml
Noroxycodone	2.923	980484	3064.54	49.4	1475.47	141590	249.1272 ng/ml
O-desmethyl-tramadol	3.383	5377724	110298.01	5.6	603.67	1229786	251.3276 ng/ml
Oxazepam	5.756	1462237	8683.72	71.2	4630.96	235963	249.1744 ng/ml
Oxycodone	2.848	2163735	1095.06	29.6	2302.47	368214	251.8216 ng/ml
Oxymorphone	1.411	1004292	∞	46.0	∞	132260	259.0461 ng/ml
Phentermine	3.790	1312385	∞	5.8	1079.57	691806	237.6557 ng/ml
Promethazine	5.552	4222257	58305.56	29.7	43595.46	710379	253.9979 ng/ml
Pseudoephedrine	2.596	5927770	74304.84	16.8	12372.93	1132967	250.1176 ng/ml
Quetiapine	5.569	2873534	1122.59	62.3	53940.12	181712	250.5989 ng/ml
Sertraline	5.796	482007	20339.53	88.7	18704.41	82218	248.6190 ng/ml
Temazepam	5.823	2763690	300046.71	26.1	444.89	552890	246.5193 ng/ml
Tramadol	4.252	5511975	∞	3.1	910.92	1126088	261.5952 ng/ml
Trazodone	5.163	3485489	108128.04	77.9	1233.83	585399	256.4987 ng/ml
Venlafaxine	5.050	4917845	172190.91	33.2	1004.04	1058923	249.9011 ng/ml
Zolpidem	4.928	5110010	2267.71	28.4	62954.32	951434	254.6180 ng/ml

TS

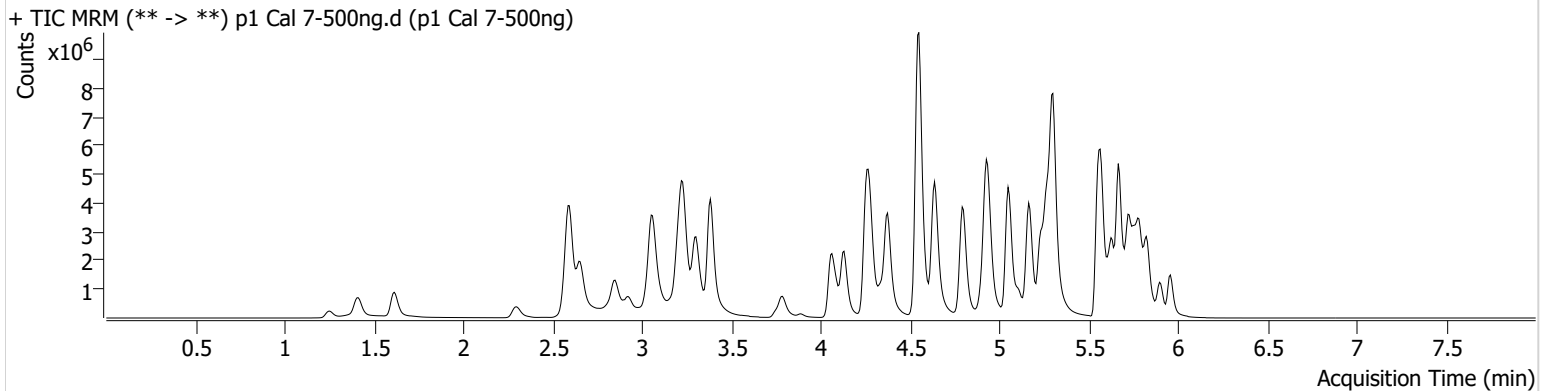


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 7-500ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 7-500ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-G5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 8:58:08 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	107365	109300.08	70.0	921.87	60232	51.1984 ng/ml
7-aminoclonazepam	4.271	752463	∞	80.4	2404.92	72185	434.9270 ng/ml
a-hydroxyalprazolam	5.699	457748	242.98	67.2	462.89	166819	363.8763 ng/ml
alpha-PHP	4.944	1373896	63286.03	259.3	90610.14	503951	482.1792 ng/ml
alpha-PVP	4.376	6021742	∞	51.8	157820.62	503951	514.7250 ng/ml
Alprazolam	5.782	2334979	4038.50	107.6	2104.77	166819	508.7292 ng/ml
Amphetamine	3.063	8072780	384.80	48.1	344.02	337314	402.7089 ng/ml
Benzoylecgonine	3.886	119601	5535.89	8.0	2892.41	8280	509.3214 ng/ml
Buprenorphine	5.860	129101	15860.36	15.2	24823.46	88306	51.5438 ng/ml
Bupropion	4.795	6482562	166583.75	62.6	28582.90	470745	505.8486 ng/ml
Carisoprodol	5.730	1931650	35286.64	54.5	9986.05	165094	486.7599 ng/ml
Citalopram	5.232	4037082	54380.84	37.8	1732749.62	352885	510.7209 ng/ml
Clonazepam	5.612	2028540	169640.10	35.5	28574.81	63139	475.0268 ng/ml
Clonazepam	5.555	1100465	60816.32	38.5	4810.11	63139	416.8942 ng/ml
Cocaine	4.277	3535114	118631.41	54.7	56085.53	634603	502.0089 ng/ml
Codeine	2.593	412795	227.91	98.3	8828.58	47961	479.7438 ng/ml
Cyclobenzaprine	5.635	3567926	1480.55	7.2	101120.83	270517	516.5057 ng/ml
Dextromethorphan	5.275	2348336	125978.64	77.6	61117.83	224672	506.7481 ng/ml
Dextrophan	4.132	1717449	130174.47	218.3	105911.20	384099	508.8499 ng/ml
Diazepam	5.960	1618291	772.11	92.8	3712.26	158902	504.4528 ng/ml
Dihydrocodeine	2.565	1210714	13769.04	62.1	242.62	179895	469.6356 ng/ml
Diphenhydramine	5.303	12466648	230829.71	31.3	65150.01	1247778	532.4875 ng/ml
Doxylamine	4.549	13966151	116432.39	97.4	245531.95	1191315	520.8173 ng/ml
EDDP	5.268	4032382	55326.01	41.2	14207.10	433513	510.1218 ng/ml
Etizolam	5.820	946291	24680.88	26.1	119577.60	63139	546.9799 ng/ml
Fentanyl	5.109	424437	104515.40	73.9	44276.92	497842	49.4967 ng/ml
Flualprazolam	5.705	912387	24383.00	107.1	35002.03	166819	489.2707 ng/ml
Fluoxetine	5.727	2458845	188025.58	8.6	20155.75	171013	519.1108 ng/ml
Hydrocodone	3.025	1922218	387.07	35.4	450.14	244337	475.4375 ng/ml
Hydromorphone	1.615	1727368	4156222.40	74.6	4365448.60	114153	499.6173 ng/ml
Ketamine	4.059	3956094	138514.56	37.6	23769.16	387120	497.6946 ng/ml
Lamotrigine	4.294	282154	20078.22	85.5	15838.29	387120	415.3543 ng/ml
Levetiracetam	2.656	1878318	6207.34	144.0	3763.59	921526	544.1553 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	981741	25188.31	52.2	2937.71	63139	271.0128 ng/ml
MDA	3.203	4586090	1545.48	28.8	218.05	381593	446.2685 ng/ml
MDMA	3.303	3833406	3104.19	94.1	22881.38	91483	505.4243 ng/ml
Meprobamate	4.904	1416664	2726.82	24.8	27682.10	216941	374.1410 ng/ml
Methadone	5.666	7057980	1879.34	50.3	52933.75	561644	503.2767 ng/ml
Methamphetamine	3.231	8882923	160636.18	37.4	4935.41	792643	484.6650 ng/ml
Metoprolol	4.340	954628	14018.13	97.1	87107.78	975708	487.7039 ng/ml
Mirtazapine	4.637	8730262	140744.30	45.0	6084.51	503951	522.9939 ng/ml
Mitragynine	5.243	1244143	1858.55	35.6	122796.38	561644	505.6498 ng/ml
Morphine	1.253	257258	2310.26	20.1	317.05	9396	493.7148 ng/ml
Norbuprenorphine	5.006	18666	2602.74	99.3	204.62	17186	51.9125 ng/ml
Nordiazepam	5.900	1552994	5088.82	58.5	14720.43	107168	503.5660 ng/ml
Norfentanyl	4.093	928205	36578.56	36.6	124.03	719635	54.9318 ng/ml
Norhydrocodone	3.080	296404	235.75	39.9	261.97	43247	525.5763 ng/ml
Noroxycodone	2.923	1500776	2690.82	49.6	8501.13	111481	484.7775 ng/ml
O-desmethyl-tramadol	3.383	9558319	312963.71	5.6	94177.15	1062477	516.9666 ng/ml
Oxazepam	5.756	1672157	2296.33	69.6	10308.08	132246	508.6788 ng/ml
Oxycodone	2.848	3757424	3047.34	29.8	1115.39	327076	492.4276 ng/ml
Oxymorphone	1.411	1728566	3228.74	48.3	∞	122019	483.4878 ng/ml
Phentermine	3.790	2131607	∞	5.7	2956.31	616412	433.8924 ng/ml
Promethazine	5.552	7170352	2257.55	28.8	1322.64	586193	522.4697 ng/ml
Pseudoephedrine	2.596	9938775	99566.93	16.5	72592.92	921526	515.2202 ng/ml
Quetiapine	5.569	4593306	162552.87	60.9	65224.41	148774	489.6891 ng/ml
Sertraline	5.796	870129	1215.54	91.4	31905.10	73925	498.3598 ng/ml
Temazepam	5.823	3621340	29928.68	26.3	8815.42	355979	501.4689 ng/ml
Tramadol	4.252	9230338	138170.15	3.1	902.98	975708	506.1097 ng/ml
Trazodone	5.163	6031891	157433.31	78.9	623.20	520607	499.4593 ng/ml
Venlafaxine	5.050	8511997	2140.37	32.3	67410.28	884174	517.7350 ng/ml
Zolpidem	4.928	8504975	3912.49	28.1	124210.28	816652	494.2485 ng/ml

TS

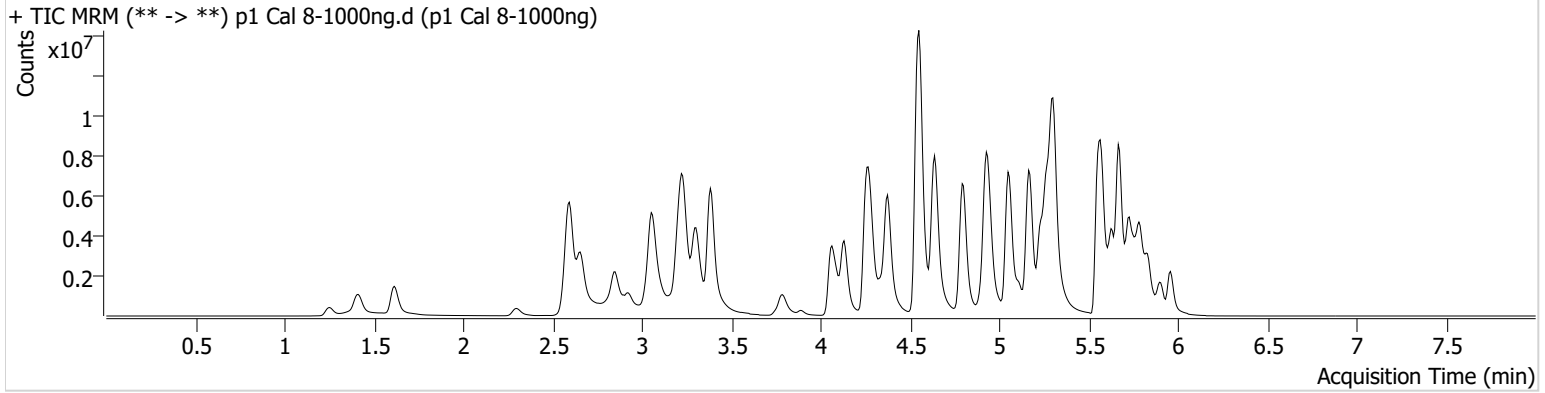


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2022\AM 27-28\032222 AM 27 28 Urines TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/23/2022 1:36:17 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 8-1000ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 8-1000ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P6-H5	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/22/2022 9:08:44 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	201057	2733.28	68.8	842.92	56546	102.1348 ng/ml
7-aminoclonazepam	4.271	884634	7904.69	74.2	2673.60	49477	746.5139 ng/ml
a-hydroxyalprazolam	5.692	505674	316.71	66.4	581.98	126334	531.2819 ng/ml
alpha-PHP	4.944	2247670	98778.27	261.8	84394.39	442940	898.0726 ng/ml
alpha-PVP	4.376	10749276	1065.69	52.3	140371.76	442940	1045.2382 ng/ml
Alprazolam	5.782	3497793	773.71	107.4	534.72	126334	1006.0909 ng/ml
Amphetamine	3.063	12180858	190.01	47.9	215.17	296543	691.9149 ng/ml
Benzoylcegonine	3.892	244503	388.30	8.1	852.86	8826	977.0358 ng/ml
Buprenorphine	5.860	289736	5139.47	14.5	138928.05	87458	116.8071 ng/ml
Bupropion	4.795	11916316	280827.86	62.2	269561.56	445141	983.4301 ng/ml
Carisoprodol	5.737	2248098	24268.75	54.4	3395.94	90529	1031.5957 ng/ml
Citalopram	5.232	6413644	48126.80	37.5	145149.98	279374	1024.7619 ng/ml
Clonazepam	5.612	2604276	41362.61	34.4	37497.48	44369	868.4546 ng/ml
Clonazepam	5.555	1166991	184585.10	38.9	287248.46	44369	629.6337 ng/ml
Cocaine	4.277	5864434	80026.24	53.7	123271.27	518806	1018.7741 ng/ml
Codeine	2.593	624541	613.14	97.1	13240.10	40541	859.4364 ng/ml
Cyclobenzaprine	5.635	6283918	2362.82	6.9	303.16	231025	1064.5608 ng/ml
Dextromethorphan	5.275	3529105	125749.22	77.7	36426.61	168786	1013.7547 ng/ml
Dextrophan	4.132	3021785	1183.05	220.8	73148.56	328280	1047.5559 ng/ml
Diazepam	5.960	2667665	41865.77	93.0	5553.04	138396	954.9554 ng/ml
Dihydrocodeine	2.565	1985014	13580.71	64.9	10585.35	171337	809.0718 ng/ml
Diphenhydramine	5.303	19160439	355784.54	33.1	120097.09	1006138	1014.6285 ng/ml
Doxylamine	4.552	23009639	92804.68	98.3	178578.57	1112847	918.5463 ng/ml
EDDP	5.268	7866495	57875.74	40.1	∞	401296	1074.7783 ng/ml
Etizolam	5.820	1546569	14918.46	26.0	7612.02	44369	1271.7346 ng/ml
Fentanyl	5.109	948601	525282.09	72.3	68941.09	525590	104.7438 ng/ml
Flualprazolam	5.705	1261521	20516.92	109.3	48468.48	126334	893.8245 ng/ml
Fluoxetine	5.727	4136708	22230.08	8.6	243.01	134659	1108.5971 ng/ml
Hydrocodone	3.025	3329239	256.88	36.3	182.07	223319	901.8514 ng/ml
Hydromorphone	1.615	3190965	17259608.40	73.7	12679.64	103071	1022.2576 ng/ml
Ketamine	4.065	7049836	175080.79	36.6	16613.24	360940	951.6397 ng/ml
Lamotrigine	4.294	396488	29369.39	86.3	1456.68	360940	626.5282 ng/ml
Levetiracetam	2.656	3091560	1798.37	146.8	45633.06	739145	1116.1988 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	982924	17885.25	51.0	3489.22	44369	386.9827 ng/ml
MDA	3.203	6081792	40223.24	28.2	347.28	296804	761.3986 ng/ml
MDMA	3.303	6480119	109612.37	95.3	18637.54	77443	1009.1615 ng/ml
Meprobamate	4.904	1822382	10301.83	24.8	23427.23	184762	565.5999 ng/ml
Methadone	5.666	12664843	149834.97	51.1	138769.82	496916	1019.2978 ng/ml
Methamphetamine	3.231	15159476	274598.76	36.6	44850.00	791475	829.4924 ng/ml
Metoprolol	4.340	1472204	4819.12	97.6	183469.61	878770	835.6990 ng/ml
Mirtazapine	4.637	15669056	11966.71	44.8	3337.66	442940	1067.6269 ng/ml
Mitragynine	5.243	2093685	951.74	36.4	2742.12	496916	961.9170 ng/ml
Morphine	1.253	467558	14224.15	20.3	228.16	8642	975.9240 ng/ml
Norbuprenorphine	5.006	37639	75873.40	98.6	455.48	17206	104.6388 ng/ml
Nordiazepam	5.906	2229830	476.31	58.9	24015.07	80074	967.7708 ng/ml
Norfentanyl	4.093	1710622	2719.64	36.7	108.14	565269	128.8187 ng/ml
Norhydrocodone	3.080	541799	∞	40.9	∞	36098	1149.3418 ng/ml
Noroxycodone	2.923	2318239	8692.78	49.5	9348.12	85732	974.2399 ng/ml
O-desmethyl-tramadol	3.383	16919595	312577.31	5.6	10296.94	928082	1047.5388 ng/ml
Oxazepam	5.756	1545826	24121.41	72.9	9782.22	66203	939.5755 ng/ml
Oxycodone	2.848	6896189	105585.32	29.5	1078.99	306155	965.6641 ng/ml
Oxymorphone	1.411	2953037	∞	46.4	12893.91	109815	917.9834 ng/ml
Phentermine	3.790	3440120	∞	5.7	4781.50	594744	726.3036 ng/ml
Promethazine	5.552	13100394	4944.47	28.9	43100.93	533640	1048.3253 ng/ml
Pseudoephedrine	2.596	16738045	69510.64	16.3	132839.57	739145	1081.4171 ng/ml
Quetiapine	5.569	7300664	88125.71	61.4	690.68	122455	946.0226 ng/ml
Sertraline	5.796	1473045	25381.91	91.4	486.81	61643	1010.9642 ng/ml
Temazepam	5.830	4269314	49969.39	26.2	4824.32	209170	1005.9142 ng/ml
Tramadol	4.252	15195251	∞	3.1	8176.35	878770	925.5486 ng/ml
Trazodone	5.163	11494200	564388.35	79.3	384612.55	552942	896.3730 ng/ml
Venlafaxine	5.050	15051709	245916.79	32.5	5190.65	769450	1051.7283 ng/ml
Zolpidem	4.928	14108702	157383.50	27.8	154444.30	764980	875.7113 ng/ml