

**Worklist: 6279**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-0655	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0855	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0156	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0166	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0311	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0330	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0414	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0442	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0443	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0445	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0458	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0459	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0467	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0468	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0475	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0482	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0484	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0504	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0575	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0584	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 03/08/2023

Analyst: Tamara Salazar

Plate lot#: 230117

Plate Retest Date: 07/17/2023

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 23A52593

Blank Urine Lot:

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: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **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. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

**Post-Analytic**

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R<sup>2</sup> values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

**COMMENTS:****Curves Limited:**

7-aminoclonazepam 5-250 - calibrators 7 and 8 dropped due to accuracy  
 amphetamine 5-100 - calibrators 6, 7, and 8 dropped due to accuracy -- qualitative only  
 Clonazepam 5-500 -- calibrator 8 dropped due to accuracy  
 Clonazolam 5-500 -- calibrator 8 dropped due to accuracy  
 Codeine 5-500 -- calibrator 8 dropped due to accuracy  
 Dihydrocodeine 5-500 -- calibrator 8 dropped due to accuracy

Flualprazolam 5-250 --calibrators 7 and 8 dropped due to accuracy  
Fluorofentanyl 0.5-50 - calibrator 8 dropped due to accuracy  
Lamotrigine 5-500 -- calibrator 8 dropped due to accuracy  
MDA 5-250 -- calibrators 7 and 8 dropped due to accuracy  
Meprobamate 5-250 -- calibrators 7 and 8 dropped due to accuracy  
Methamphetamine 5-500 -- calibrator 8 dropped due to accuracy  
Metoprolol 5-500 -- calibrator 8 dropped due to accuracy  
Norfentanyl 0.5-50 -- calibrator 8 dropped due to accuracy  
Oxycodone 5-500 -- calibrator 8 dropped due to accuracy  
Phentermine 5-250 -- calibrators 7 and 8 dropped due to accuracy  
Quetiapine 5-500 -- calibrator 8 dropped due to accuracy  
Trazodone 5-250 -- calibrators 7 and 8 dropped due to accuracy

Chlordiazepoxide and DMT not evaluated due to ratios.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2023-0156-1	P2023-0458-1	P2023-0575-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2023-0166-1	P2023-0459-1	P2023-0584-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2023-0311-1	P2023-0467-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2023-0330-1	P2023-0468-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2023-0414-1	P2023-0475-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2023-0442-1	P2023-0482-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2023-0655-2	P2023-0443-1	P2023-0484-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2023-0855-2	P2023-0445-1	P2023-0504-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

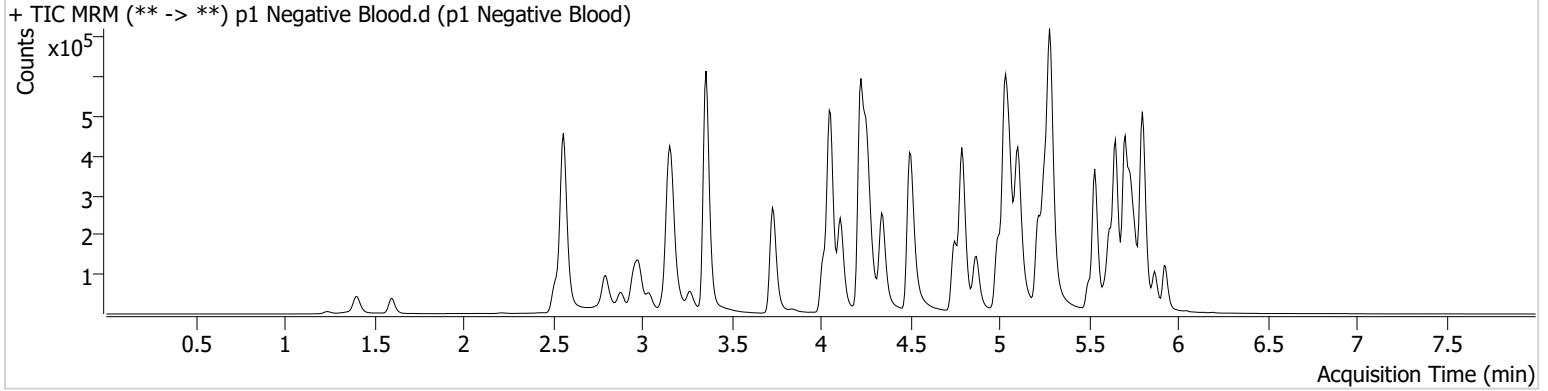


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	p1 Negative Blood
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/8/2023 11:43:59 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

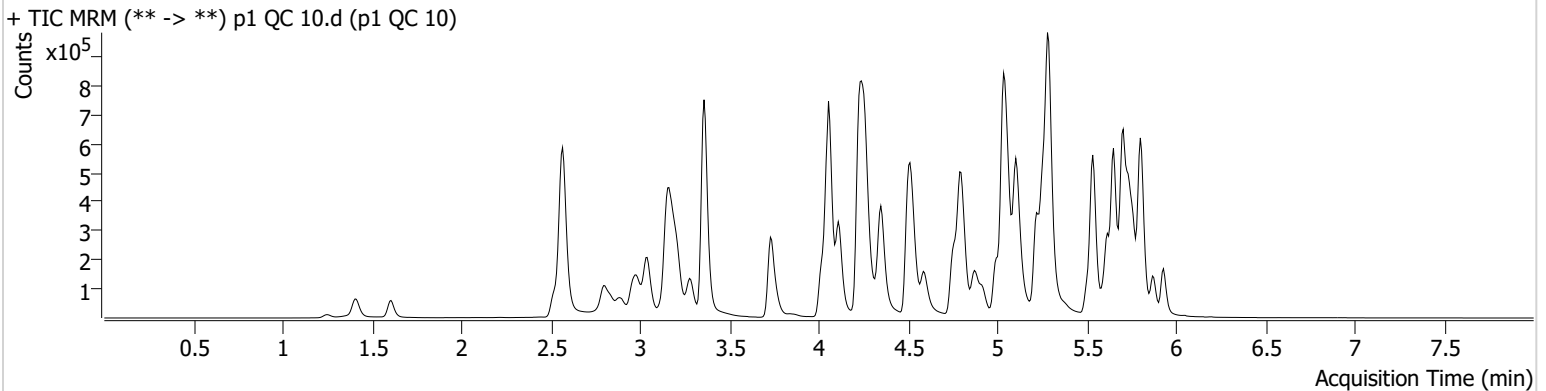


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 QC 10.d  
**Type** QC **Sample** p1 QC 10  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-A2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 10:29:32 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	2434	128.57	75.3	1727.45	68757	0.9389 ng/ml
7-aminoclonazepam	4.244	32740	∞	75.8	624.42	132320	10.2928 ng/ml
a-hydroxyalprazolam	5.682	17581	1299.21	59.1	428.26	698195	10.3232 ng/ml
alpha-PHP	4.921	48308	375.31	251.8	1570.55	622716	10.1327 ng/ml
alpha-PVP	4.357	174767	4920.56	54.4	375.38	622716	10.4066 ng/ml
Alprazolam	5.759	83239	1204.35	102.9	927.59	184268	10.0731 ng/ml
Amphetamine	3.043	311323	276.07	39.0	1663.63	313027	10.3615 ng/ml
Benzoylecgonine	3.871	3223	62.62	10.0	∞	12189	10.0814 ng/ml
Buprenorphine	5.653	3555	423.28	17.1	584.91	115547	1.0173 ng/ml
Bupropion	4.771	161341	5177.96	64.9	302.48	499162	10.5813 ng/ml
Carisoprodol	5.714	92621	182648.24	76.6	99.26	423154	9.8948 ng/ml
Chlordiazepoxide	5.814	37799	832.85	19.4	176.43	389537	11.1247 ng/ml
Chlorpheniramine	5.111	266707	1828.45	0.4	33.23	1115571	10.0564 ng/ml
Citalopram	5.218	171994	1036.17	27.7	40496.06	602375	10.1304 ng/ml
Clonazepam	5.601	69859	3259.71	32.0	12301.55	98154	10.2815 ng/ml
Clonazolam	5.545	60837	87017.26	39.3	31738.97	98154	10.2213 ng/ml
Cocaine	4.257	110557	8582.18	60.9	239.14	912332	9.9824 ng/ml
Codeine	2.573	14834	3904.72	91.0	1437.23	50387	10.8993 ng/ml
Cyclobenzaprine	5.618	85646	193.24	8.0	74.71	394940	9.9493 ng/ml
Dextromethorphan	5.262	74675	1810.77	82.8	235.86	309256	10.1882 ng/ml
Dextrorphan	4.118	51481	2408.70	212.2	6469.77	535692	9.7236 ng/ml
Diazepam	5.931	63215	842.63	88.8	1729.36	207278	10.3552 ng/ml
Dihydrocodeine	2.552	30955	396.43	71.0	372.73	205590	10.3053 ng/ml
Diphenhydramine	5.290	415897	326.25	32.5	617.46	1545132	10.2504 ng/ml
DMT	2.845	19132	420.31	122.3	2255.84	309256	10.2675 ng/ml
Doxylamine	4.525	311740	3026.70	94.3	2217.59	1334583	9.9257 ng/ml
Duloxetine	5.644	9912	338.75	11.7	258.94	44924	10.4505 ng/ml
EDDP	5.255	123935	264.50	39.9	808.11	577451	9.7390 ng/ml
Etizolam	5.797	39479	54836.42	26.3	13272.86	98154	9.1400 ng/ml
Fentanyl	5.074	13171	13314.95	54.7	536.62	574715	0.9947 ng/ml
Flualprazolam	5.695	35192	3513.22	106.3	5995.46	184268	10.6358 ng/ml
Fluorofentanyl	5.128	26997	775.83	43.6	643.16	5525	0.9277 ng/ml
Fluoxetine	5.704	122200	6767.56	6.8	16469.10	424561	9.6484 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	48638	88.00	41.9	110.46	262555	10.1174 ng/ml
Hydromorphone	1.615	32149	30.49	86.4	220057.94	114594	10.3800 ng/ml
Hydroxyzine	5.687	120236	3689.25	77.0	2207.75	309256	8.8469 ng/ml
Ketamine	4.030	124164	681.63	34.7	194.10	363580	10.5097 ng/ml
Lamotrigine	4.267	9842	508.50	93.3	1942.05	1261737	10.0461 ng/ml
Lorazepam	5.737	60237	1821.14	56.3	135.55	447308	11.5268 ng/ml
MDA	3.191	213926	1200.48	35.7	1443.20	490024	10.3419 ng/ml
MDMA	3.285	104791	936.68	107.5	601.31	117742	9.6435 ng/ml
Meprobamate	4.895	68989	445.88	33.5	148.61	322702	10.7371 ng/ml
Methadone	5.649	188137	464.06	69.2	2192.96	711578	10.5692 ng/ml
Methamphetamine	3.212	293020	911.68	29.0	249.03	931725	10.2354 ng/ml
Metoprolol	4.320	33289	741.95	109.5	1155.36	1345335	10.2733 ng/ml
Mirtazapine	4.593	200989	14594.55	62.9	1330.74	622716	10.4269 ng/ml
Mitragynine	5.202	46886	189.76	35.1	329.72	711578	10.4089 ng/ml
Morphine	1.253	4152	21.34	45.9	577.27	2825	10.0605 ng/ml
Norbuprenorphine	4.990	804	1007.26	93.2	1256.79	22877	1.0609 ng/ml
Nordiazepam	5.877	59121	5151.95	51.8	884.34	163630	10.1129 ng/ml
Norfentanyl	4.078	29800	69.74	38.4	181.46	1124804	0.9546 ng/ml
Norhydrocodone	3.067	9214	129.66	38.6	49.28	89598	9.7638 ng/ml
Noroxycodone	2.904	46230	343.50	50.1	305.46	149850	10.0712 ng/ml
O-desmethyl-tramadol	3.366	285315	1376.09	5.9	1881.59	1601345	9.7302 ng/ml
o-desmethylvenlafaxine	4.063	436345	21456.74	13.7	103.54	221112	10.2085 ng/ml
Olanzapine	4.359	45257	138.76	62.9	297.08	104693	9.9362 ng/ml
Oxazepam	5.740	81449	956.53	73.5	823.24	447308	10.1843 ng/ml
Oxycodone	2.828	83666	544.92	32.4	473.84	342203	10.4486 ng/ml
Oxymorphone	1.411	48021	496.02	51.4	623.08	144800	10.1656 ng/ml
Phentermine	3.767	74578	592.87	5.6	31.85	753959	10.1177 ng/ml
Promethazine	5.534	203549	951.32	31.5	1735.65	856920	9.4055 ng/ml
Pseudoephedrine	2.576	337903	553.85	17.6	3564.53	1261737	10.0455 ng/ml
Quetiapine	5.510	139379	13449.00	59.8	5387.30	166268	10.9412 ng/ml
Sertraline	5.766	28314	205.24	94.9	1259.89	104966	10.4415 ng/ml
Temazepam	5.800	150807	938.81	27.4	263.42	698195	10.0025 ng/ml
Tramadol	4.239	281005	752.00	3.4	54.76	1345335	9.0668 ng/ml
Trazodone	5.032	148320	3432.80	69.4	364.74	509408	11.0366 ng/ml
Venlafaxine	5.036	279656	2210.85	29.8	977.71	1455856	9.8015 ng/ml
Zolpidem	4.809	211890	357.46	27.6	451.19	1059148	10.0728 ng/ml

TS

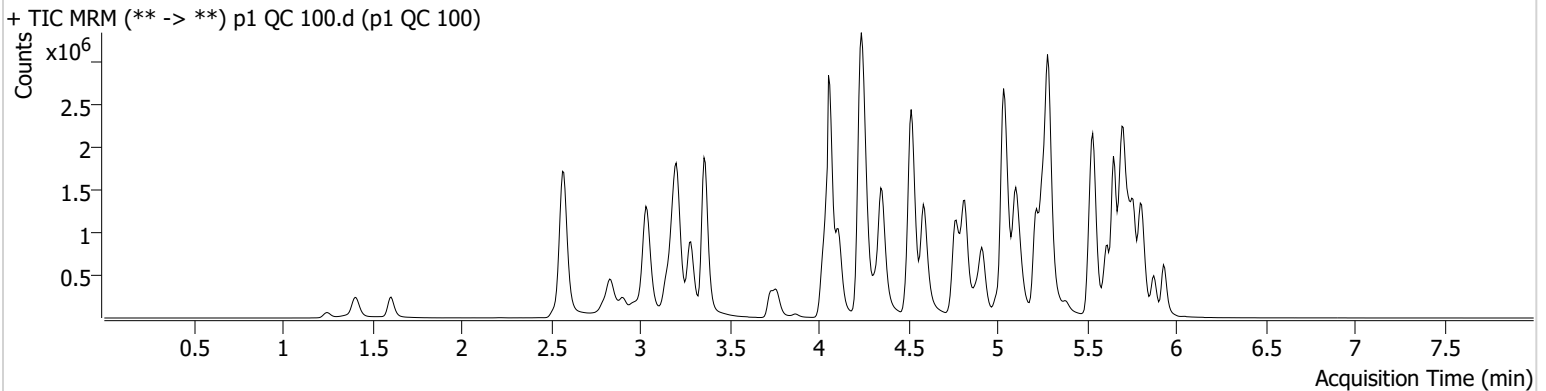


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 QC 100.d  
**Type** QC **Sample** p1 QC 100  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-B2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/9/2023 7:10:59 AM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	27773	1221.82	68.1	282.55	74820	9.7778 ng/ml
7-aminoclonazepam	4.244	329642	1210.89	74.1	578.06	139924	105.8591 ng/ml
a-hydroxyalprazolam	5.682	115760	259.61	63.4	403.24	522597	107.2376 ng/ml
alpha-PHP	4.921	469330	1077.88	258.5	1754.23	616141	96.2751 ng/ml
alpha-PVP	4.350	1734485	1384.36	53.7	21767.64	616141	102.4431 ng/ml
Alprazolam	5.759	802009	799.98	100.3	∞	165357	109.6832 ng/ml
Amphetamine	3.037	2747877	5112.90	36.7	4876.58	334186	93.5903 ng/ml
Benzoylecgonine	3.871	32674	3491.62	8.8	9418.88	13271	91.1335 ng/ml
Buprenorphine	5.666	31943	1615.05	15.9	4776.57	108230	10.8777 ng/ml
Bupropion	4.771	1645992	24762.10	63.8	1231.07	504413	110.6022 ng/ml
Carisoprodol	5.714	708789	1071409.78	78.8	504.36	320639	92.1456 ng/ml
Chlordiazepoxide	5.821	295178	16794.83	20.2	2012.81	316115	109.3052 ng/ml
Chlorpheniramine	5.104	2713752	46856.26	0.3	244.65	1135249	98.7836 ng/ml
Citalopram	5.218	1600619	3555.63	28.9	371021.09	561072	97.5771 ng/ml
Clonazepam	5.601	574892	20107.36	29.8	199258.88	85958	104.5684 ng/ml
Clonazolam	5.545	514847	418373.37	39.9	343505.62	85958	106.5266 ng/ml
Cocaine	4.257	1038147	1031.79	60.2	808.53	861294	101.2906 ng/ml
Codeine	2.573	118682	4436.18	91.0	906.99	47953	105.0846 ng/ml
Cyclobenzaprine	5.618	788529	78161.12	8.1	116.62	365133	96.2566 ng/ml
Dextromethorphan	5.262	662335	1297.19	82.3	135520.04	280701	100.5070 ng/ml
Dextrorphan	4.111	508810	1102.72	215.3	1194.41	520778	98.9411 ng/ml
Diazepam	5.931	582132	2533.73	87.3	597.26	190273	105.7907 ng/ml
Dihydrocodeine	2.545	291634	656.34	71.5	992.24	217476	99.8276 ng/ml
Diphenhydramine	5.290	3984058	1664.49	32.8	556.98	1466502	100.0184 ng/ml
DMT	2.845	187739	11323.74	136.7	4672.84	280701	104.2385 ng/ml
Doxylamine	4.518	3331072	1056.28	92.8	3488331.81	1393163	101.2189 ng/ml
Duloxetine	5.644	72894	991.50	12.3	465.08	34074	102.7209 ng/ml
EDDP	5.255	1296382	36119.16	39.6	246.23	576156	99.6522 ng/ml
Etizolam	5.797	370763	4321.54	27.1	1549.02	85958	91.5947 ng/ml
Fentanyl	5.074	132138	1347.78	56.1	109703.39	569789	9.4945 ng/ml
Flualprazolam	5.695	293109	794.88	110.5	460902.89	165357	107.5187 ng/ml
Fluorofentanyl	5.128	269513	558.49	42.7	5577.73	4985	9.5590 ng/ml
Fluoxetine	5.704	890234	1097.37	6.7	78141.95	299001	93.4749 ng/ml



TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	451121	8561.19	41.2	711.23	265478	104.9996 ng/ml
Hydromorphone	1.609	332582	2484628.43	86.3	9624.68	115881	102.5533 ng/ml
Hydroxyzine	5.687	1207016	973401.29	76.1	13664.48	280701	89.3172 ng/ml
Ketamine	4.030	1190871	47446.57	34.2	726.15	372551	108.0357 ng/ml
Lamotrigine	4.267	90437	10497.34	93.1	748.83	1170824	103.8664 ng/ml
Lorazepam	5.737	314388	8437.67	58.5	759.23	303287	98.1640 ng/ml
MDA	3.184	1641046	8065.85	34.7	3191.87	439030	98.5258 ng/ml
MDMA	3.285	1047205	1050735.44	109.4	6376.38	115576	101.4270 ng/ml
Meprobamate	4.895	570529	543.24	34.1	253.58	318228	100.5219 ng/ml
Methadone	5.649	1791584	1863.45	71.4	687.78	703739	99.8460 ng/ml
Methamphetamine	3.212	2829282	16216.49	28.3	12925.66	995041	106.9853 ng/ml
Metoprolol	4.320	327769	766.49	109.1	503736.83	1356102	106.2618 ng/ml
Mirtazapine	4.586	2006201	7513.87	63.1	13512.55	616141	98.2264 ng/ml
Mitragynine	5.202	468736	1777.56	34.2	337.57	703739	101.0592 ng/ml
Morphine	1.253	41382	361.52	45.0	1362.73	2851	99.3660 ng/ml
Norbuprenorphine	4.990	6003	7580.79	91.6	20354.00	25325	9.3437 ng/ml
Nordiazepam	5.877	523977	5313.56	52.8	12572.69	147391	102.3943 ng/ml
Norfentanyl	4.078	284564	1995.81	37.9	2699.91	991083	9.8255 ng/ml
Norhydrocodone	3.060	80306	366.89	41.1	494.17	71057	96.2158 ng/ml
Noroxycodone	2.904	400858	5125.17	47.9	596.11	136767	100.1919 ng/ml
O-desmethyl-tramadol	3.366	3047556	314676.39	5.8	8162.83	1613782	100.3446 ng/ml
o-desmethylvenlafaxine	4.056	4360218	167174.44	13.7	5921.08	215336	98.0342 ng/ml
Olanzapine	4.359	505020	4088.01	65.3	3384.23	125724	91.6150 ng/ml
Oxazepam	5.740	524019	3062.70	70.1	3644.90	303287	102.4046 ng/ml
Oxycodone	2.828	816191	2969.98	32.2	10122.15	361943	103.1255 ng/ml
Oxymorphone	1.405	477184	∞	49.5	∞	144130	103.8066 ng/ml
Phentermine	3.767	711430	621.19	5.6	1691.76	778954	100.1404 ng/ml
Promethazine	5.534	2055486	74778.56	31.1	1288.65	834043	92.4793 ng/ml
Pseudoephedrine	2.576	3202437	85156.77	17.7	38175.84	1170824	99.2139 ng/ml
Quetiapine	5.516	1349502	287704.56	60.1	970870.52	175621	104.2230 ng/ml
Sertraline	5.766	188118	10315.82	95.0	457.15	71850	99.2850 ng/ml
Temazepam	5.800	1150092	1216.34	26.0	1013.09	522597	107.7699 ng/ml
Tramadol	4.239	2881986	261.62	3.4	425.29	1356102	113.3211 ng/ml
Trazodone	5.039	1345967	352.79	73.4	1107.66	530610	101.3370 ng/ml
Venlafaxine	5.036	2797471	5547.26	29.2	7267.95	1399170	98.0420 ng/ml
Zolpidem	4.816	2204586	4007074.28	27.3	4134.03	1115074	101.9646 ng/ml

TS

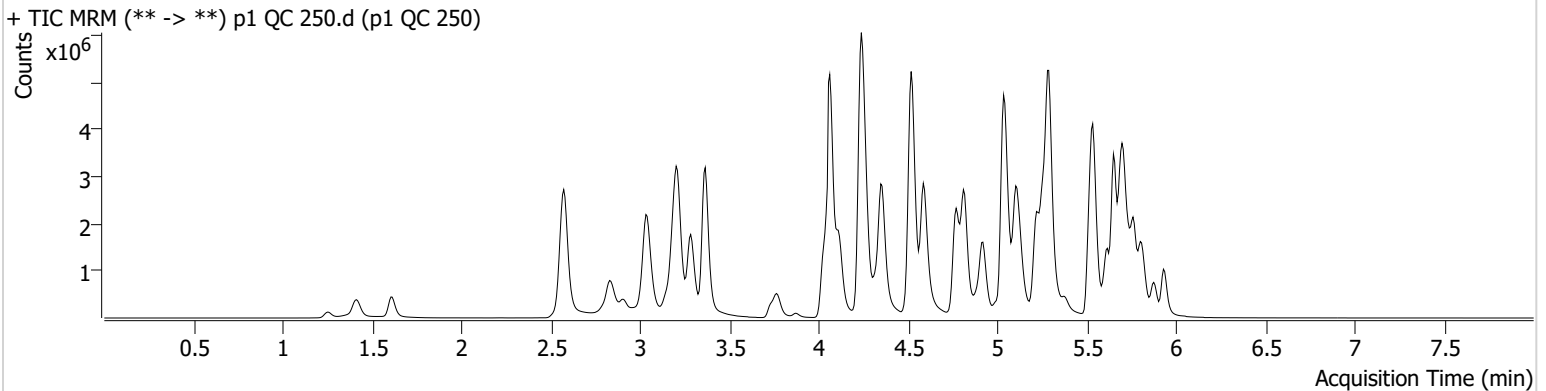


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 250.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 250
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-C2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/8/2023 10:50:48 PM		
<b>Sample Info.</b>			

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	62531	1779.55	66.1	495.63	65386	25.1795 ng/ml
7-aminoclonazepam	4.244	527910	509.15	72.5	9583.11	109975	216.6533 ng/ml
a-hydroxyalprazolam	5.682	140581	142.82	61.2	113.40	282866	243.2236 ng/ml
alpha-PHP	4.921	1035691	13259.67	253.9	20597.05	502433	259.9132 ng/ml
alpha-PVP	4.357	3642345	92001.99	53.2	62223.41	502433	263.4741 ng/ml
Alprazolam	5.759	1411928	2491.05	101.0	1582.33	120845	264.4431 ng/ml
Amphetamine	3.043	4832984	88171.21	36.7	27735.52	296702	186.4731 ng/ml
Benzoylcegonine	3.871	79813	168899.97	8.4	16079.73	12235	240.9325 ng/ml
Buprenorphine	5.659	54847	9895.92	15.6	15179.01	79570	25.5785 ng/ml
Bupropion	4.771	3552565	470487.86	64.0	61051.46	456140	264.5531 ng/ml
Carisoprodol	5.714	1019212	367.53	78.6	228.16	178938	236.0814 ng/ml
Chlordiazepoxide	5.821	422915	5600.13	23.2	2202.27	196650	252.0865 ng/ml
Chlorpheniramine	5.104	6117435	143213.77	0.3	148.37	1008040	250.4803 ng/ml
Citalopram	5.218	3243415	53597.58	28.8	563.34	444024	249.2159 ng/ml
Clonazepam	5.601	906336	1007826.33	29.9	1165962.04	60868	233.9710 ng/ml
Clonazolam	5.552	809953	995917.77	40.7	162076.98	60868	237.7595 ng/ml
Cocaine	4.257	2124128	1480.65	59.8	66406.62	696893	256.4810 ng/ml
Codeine	2.573	204070	152.28	90.5	129.19	38302	228.3073 ng/ml
Cyclobenzaprine	5.618	1772820	22707.50	8.0	412.53	317941	248.0336 ng/ml
Dextromethorphan	5.262	1308206	58054.04	79.7	26862.17	220435	252.9531 ng/ml
Dextrorphan	4.118	1040052	1654.99	216.2	1562.74	426099	247.1966 ng/ml
Diazepam	5.931	1115635	2466.82	89.2	42219.77	153739	251.2133 ng/ml
Dihydrocodeine	2.545	588509	290.67	71.4	335.73	198023	222.4767 ng/ml
Diphenhydramine	5.290	8347652	1002.06	31.8	655.92	1161643	263.9404 ng/ml
DMT	2.845	363937	2484.49	142.7	45867.45	220435	256.3016 ng/ml
Doxylamine	4.518	7637076	224098.56	91.5	214911.37	1245491	259.5125 ng/ml
Duloxetine	5.644	152326	3577.20	13.0	7220.86	29678	246.6782 ng/ml
EDDP	5.255	2612793	1446.02	39.7	2437.66	475846	242.8110 ng/ml
Etizolam	5.797	699938	1828.37	27.8	∞	60868	243.0911 ng/ml
Fentanyl	5.074	311774	851315.88	56.6	365438.67	500819	25.3816 ng/ml
Flualprazolam	5.695	436758	4376.34	114.9	6360.70	120845	220.3298 ng/ml
Fluorofentanyl	5.128	637142	12965.13	43.3	8430.32	4362	25.7047 ng/ml
Fluoxetine	5.704	1844022	63865.54	6.9	54169.92	230328	250.2077 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	919150	∞	41.8	250.33	229309	249.7057 ng/ml
Hydromorphone	1.615	697185	3746.71	86.9	2273225.75	99184	250.6002 ng/ml
Hydroxyzine	5.687	2520289	5567.29	78.7	212291.32	220435	236.0779 ng/ml
Ketamine	4.030	2495780	88755.56	33.8	10156.89	321644	263.9017 ng/ml
Lamotrigine	4.267	159525	1297.10	93.0	790.47	871316	246.8672 ng/ml
Lorazepam	5.730	361695	11118.01	58.8	214.36	150452	229.5170 ng/ml
MDA	3.184	2624884	2607.43	33.0	2340.18	336784	206.8700 ng/ml
MDMA	3.285	2182746	9421.69	109.3	1632.74	98339	248.9813 ng/ml
Meprobamate	4.895	908296	2417.54	33.7	98762.69	249375	205.6825 ng/ml
Methadone	5.649	3929572	1139.31	70.0	2245.52	590213	260.7608 ng/ml
Methamphetamine	3.212	5858934	51349.16	27.8	18294.58	931068	238.9489 ng/ml
Metoprolol	4.320	635681	5602881.21	107.3	32212.03	1146960	244.5362 ng/ml
Mirtazapine	4.586	4462860	18382.06	61.8	11647.01	502433	266.6358 ng/ml
Mitragynine	5.202	974239	845320.55	34.9	4084.67	590213	249.7719 ng/ml
Morphine	1.253	89764	682.05	42.6	4808.25	2555	240.4856 ng/ml
Norbuprenorphine	4.990	13389	236.48	98.2	28705.63	21487	25.1859 ng/ml
Nordiazepam	5.877	939070	1287.54	53.3	525.17	109768	246.8682 ng/ml
Norfentanyl	4.078	553045	13793.47	37.5	1395.53	711089	26.5243 ng/ml
Norhydrocodone	3.060	159916	∞	41.5	145.33	54687	247.1882 ng/ml
Noroxycodone	2.904	715432	680.55	47.9	5649.65	95998	255.5780 ng/ml
O-desmethyl-tramadol	3.366	6579470	58529.43	5.8	760.52	1359373	256.7278 ng/ml
o-desmethylvenlafaxine	4.063	9346907	283735.69	13.4	1294.25	175747	256.3141 ng/ml
Olanzapine	4.345	917609	29722.23	66.8	2791.74	86138	242.8190 ng/ml
Oxazepam	5.740	629936	178.86	70.3	106.96	150452	249.1231 ng/ml
Oxycodone	2.822	1625958	1059.03	32.0	3218.89	312160	239.2788 ng/ml
Oxymorphone	1.411	912537	∞	49.7	∞	118781	241.2195 ng/ml
Phentermine	3.767	1323582	6009.87	5.5	1496.01	701250	207.8214 ng/ml
Promethazine	5.534	4967031	7373.66	30.1	2367.75	767217	242.0529 ng/ml
Pseudoephedrine	2.576	6190314	9642.83	17.2	73005.30	871316	257.1171 ng/ml
Quetiapine	5.510	2833378	1233.44	60.8	191972.48	155467	247.8510 ng/ml
Sertraline	5.766	455787	38812.31	92.7	769.55	68150	253.2461 ng/ml
Temazepam	5.807	1450924	47550.19	26.2	7351.80	282866	252.0345 ng/ml
Tramadol	4.239	5943642	1651.88	3.4	∞	1146960	279.6255 ng/ml
Trazodone	5.032	2694350	103817.78	75.7	1050.69	524608	205.8658 ng/ml
Venlafaxine	5.036	5842699	2581.65	28.9	583.69	1140090	250.6389 ng/ml
Zolpidem	4.816	4781910	188685.45	26.6	683.59	982387	251.4393 ng/ml

TS

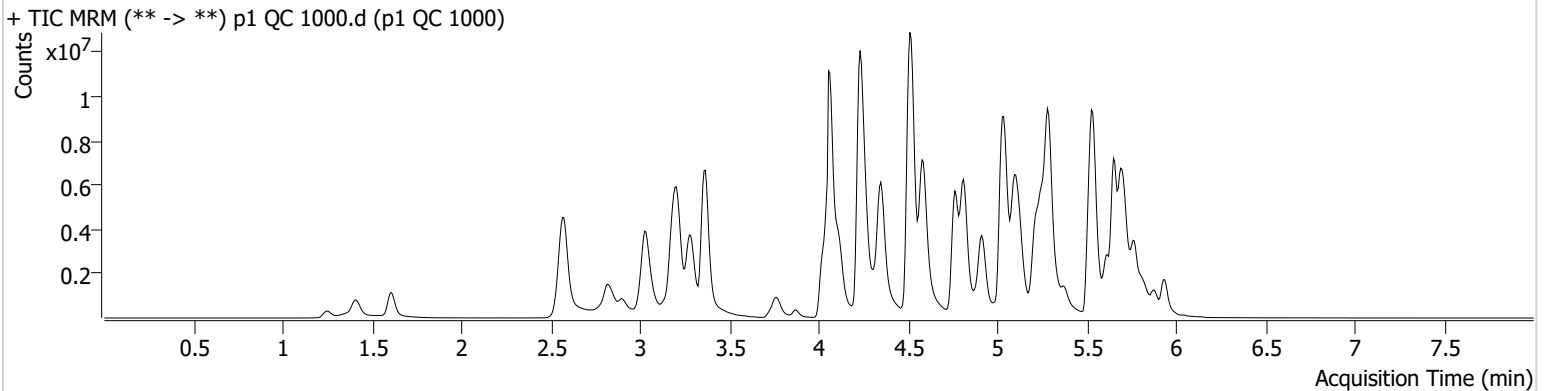


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 QC 1000.d  
**Type** QC **Sample** p1 QC 1000  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-D2 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 11:12:04 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	203813	2444859.06	67.1	863451.42	54103	99.1642 ng/ml
7-aminoclonazepam	4.237	568345	11417.88	74.5	2717.52	58004	443.1997 ng/ml
a-hydroxyalprazolam	5.675	123760	97.43	63.2	136.57	80318	758.5214 ng/ml
alpha-PHP	4.914	2811957	66769.27	262.4	2043.31	307389	1152.1904 ng/ml
alpha-PVP	4.350	9450313	9965.87	52.8	131484.38	307389	1116.6639 ng/ml
Alprazolam	5.759	2655298	149.08	98.6	149.37	58352	1030.3763 ng/ml
Amphetamine	3.037	9145482	171293.72	36.7	1091.92	237322	442.6425 ng/ml
Benzoylecgonine	3.871	315864	3128.09	8.3	1299.73	11907	978.7127 ng/ml
Buprenorphine	5.659	85476	636.95	15.1	219.73	32393	98.2878 ng/ml
Bupropion	4.765	9833101	1334.42	62.3	742.23	360304	928.0603 ng/ml
Carisoprodol	5.721	1276138	200.25	76.9	163.39	49186	1072.3208 ng/ml
Chlordiazepoxide	5.828	601834	3012.50	25.4	3957.34	78995	893.6919 ng/ml
Chlorpheniramine	5.105	17995457	5577.82	0.3	613.77	731101	1015.3388 ng/ml
Citalopram	5.218	6502710	97414.29	27.6	1214.95	210033	1054.9873 ng/ml
Clonazepam	5.594	1143529	66045.43	30.2	3747.27	26460	680.8771 ng/ml
Clonazolam	5.558	1066940	1263384.60	41.7	618.37	26460	722.2875 ng/ml
Cocaine	4.257	4827504	54241.77	59.0	49689.16	388946	1045.1055 ng/ml
Codeine	2.566	410385	68.63	90.0	172.13	24347	726.2260 ng/ml
Cyclobenzaprine	5.618	4387188	40495.28	7.7	306.80	180452	1080.4165 ng/ml
Dextromethorphan	5.262	2428404	300.46	80.4	174.59	103650	998.9294 ng/ml
Dextrorphan	4.111	2752366	31316.12	216.4	4579.25	265639	1049.3600 ng/ml
Diazepam	5.938	2321746	290.15	84.6	4883.15	83473	963.4832 ng/ml
Dihydrocodeine	2.538	1457425	303.98	72.4	200.99	174252	627.9601 ng/ml
Diphenhydramine	5.290	18132678	290.43	32.7	287.11	621967	1069.6448 ng/ml
DMT	2.838	968634	2092.43	157.5	79382.38	103650	1447.5461 ng/ml
Doxylamine	4.511	22128900	411607.09	93.1	367858.54	1024994	913.6093 ng/ml
Duloxetine	5.637	197554	2302.41	13.7	348.78	10822	877.7710 ng/ml
EDDP	5.255	7764607	87368.17	39.4	1598.60	342865	1000.6360 ng/ml
Etizolam	5.797	1498313	16980.87	27.5	17688.01	26460	1194.4518 ng/ml
Fentanyl	5.067	965035	33155.55	53.6	349.52	352361	111.4518 ng/ml
Flualprazolam	5.695	552984	33364.13	120.3	8266.02	58352	579.4423 ng/ml
Fluorofentanyl	5.128	2031572	45595.09	43.9	15961.96	2899	123.0547 ng/ml
Fluoxetine	5.711	3894579	584.41	6.5	287470.93	105121	1155.3885 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

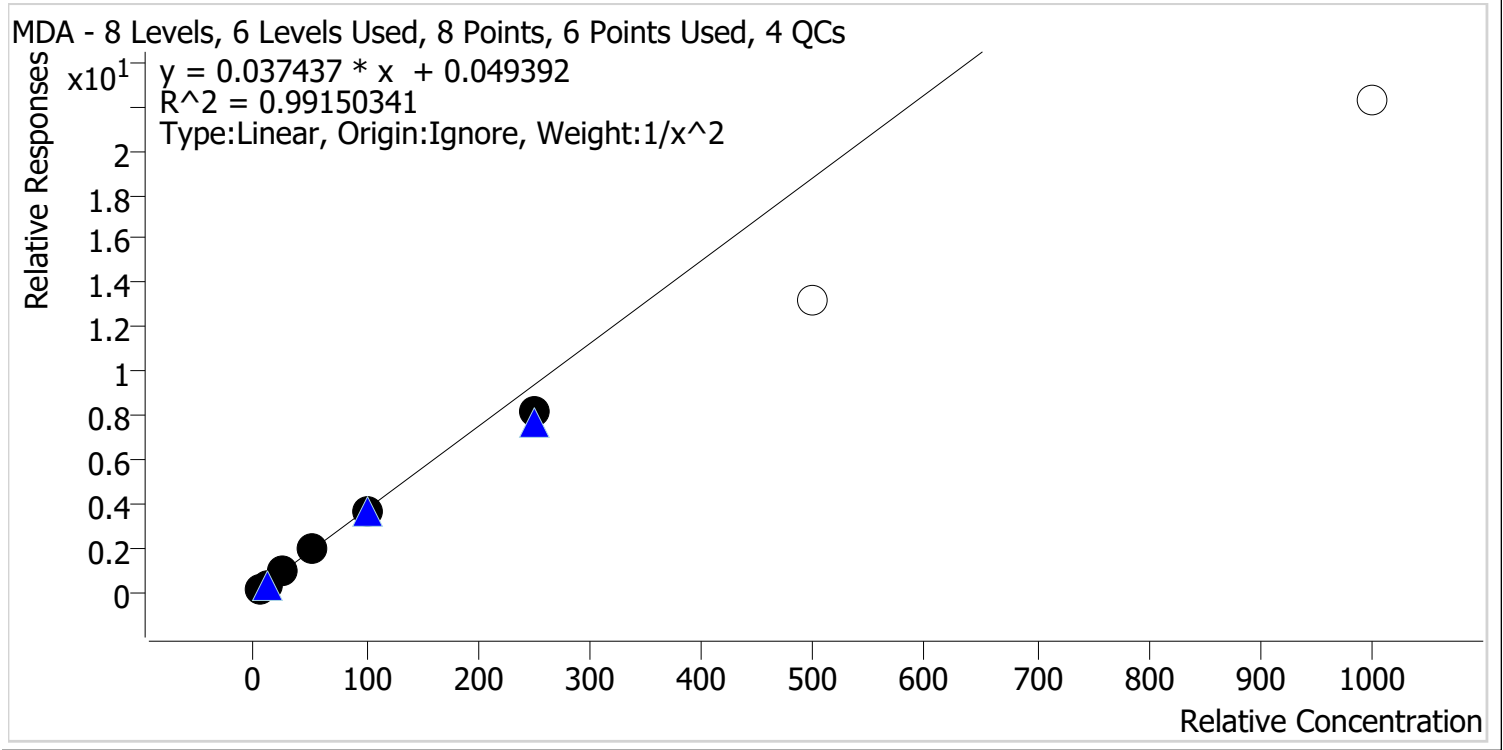
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	2599748	819.11	42.6	∞	183817	884.8399 ng/ml
Hydromorphone	1.609	2159041	12817619.91	86.1	3627524.50	75473	1018.6538 ng/ml
Hydroxyzine	5.687	5984608	2515523.69	77.9	2665.25	103650	1188.7739 ng/ml
Ketamine	4.023	5702906	966953.85	33.3	31373.95	241501	805.4997 ng/ml
Lamotrigine	4.274	241888	551.82	93.5	22466.79	446199	731.9313 ng/ml
Lorazepam	5.737	413647	23770.79	58.9	4805.90	37068	1070.5020 ng/ml
MDA	3.178	4271344	2944.17	32.8	494.09	192198	592.3095 ng/ml
MDMA	3.284	5280386	264102.16	108.3	38200.32	63378	935.5490 ng/ml
Meprobamate	4.888	1466983	37846.30	33.1	22878.95	168501	493.6094 ng/ml
Methadone	5.649	10031947	∞	70.8	1633.10	371326	1057.4408 ng/ml
Methamphetamine	3.205	13725923	9204.17	26.8	40702.56	866926	603.9347 ng/ml
Metoprolol	4.313	1159895	483527.31	109.3	83409.54	838689	611.2047 ng/ml
Mirtazapine	4.586	12520212	238425.98	61.6	329535.53	307389	1219.9173 ng/ml
Mitragynine	5.196	2585315	3960.28	35.9	97484.96	371326	1052.0554 ng/ml
Morphine	1.253	254387	∞	44.4	∞	1994	873.1661 ng/ml
Norbuprenorphine	4.984	44104	1475.29	97.1	409.84	17729	101.6937 ng/ml
Nordiazepam	5.877	1524585	5202.90	54.9	19751.58	50404	873.6530 ng/ml
Norfentanyl	4.078	1081489	69230.41	37.7	3825.16	242163	152.0575 ng/ml
Norhydrocodone	3.060	508901	1560.64	42.3	105.91	33724	1270.9631 ng/ml
Noroxycodone	2.904	1473394	351.21	48.2	501.80	48875	1035.4528 ng/ml
O-desmethyl-tramadol	3.366	18530204	∞	5.6	25075.42	943534	1040.8135 ng/ml
o-desmethylvenlafaxine	4.056	22772429	590269.33	13.3	9320.80	101923	1074.4710 ng/ml
Olanzapine	4.332	2562289	5850.56	66.9	1512.90	66903	872.7529 ng/ml
Oxazepam	5.740	545851	21.25	73.9	102.22	37068	877.8825 ng/ml
Oxycodone	2.808	3848225	∞	32.6	∞	237224	746.9375 ng/ml
Oxymorphone	1.411	2503460	∞	50.0	3069.43	82465	953.9554 ng/ml
Phentermine	3.767	3064439	5519.53	5.4	1910.64	610881	553.6930 ng/ml
Promethazine	5.534	14870132	727032.51	29.3	4561.00	543985	1020.2647 ng/ml
Pseudoephedrine	2.576	13534266	1511.41	17.0	1747.24	446199	1096.5407 ng/ml
Quetiapine	5.510	6726047	176451.46	61.6	317303.98	124554	735.3341 ng/ml
Sertraline	5.773	1048223	85899.60	81.8	556.18	37098	1069.1560 ng/ml
Temazepam	5.807	1436448	100376.03	27.3	3929.75	80318	880.3478 ng/ml
Tramadol	4.232	13055353	214.59	3.5	91.44	838689	844.5654 ng/ml
Trazodone	5.018	5034908	126109.04	78.5	16957.63	486122	415.8398 ng/ml
Venlafaxine	5.036	15528231	5170.64	26.0	4660.80	681409	1113.0640 ng/ml
Zolpidem	4.809	13419087	330190.17	26.4	24720.71	725363	956.3750 ng/ml

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte MDA Internal Standard MDA-D5



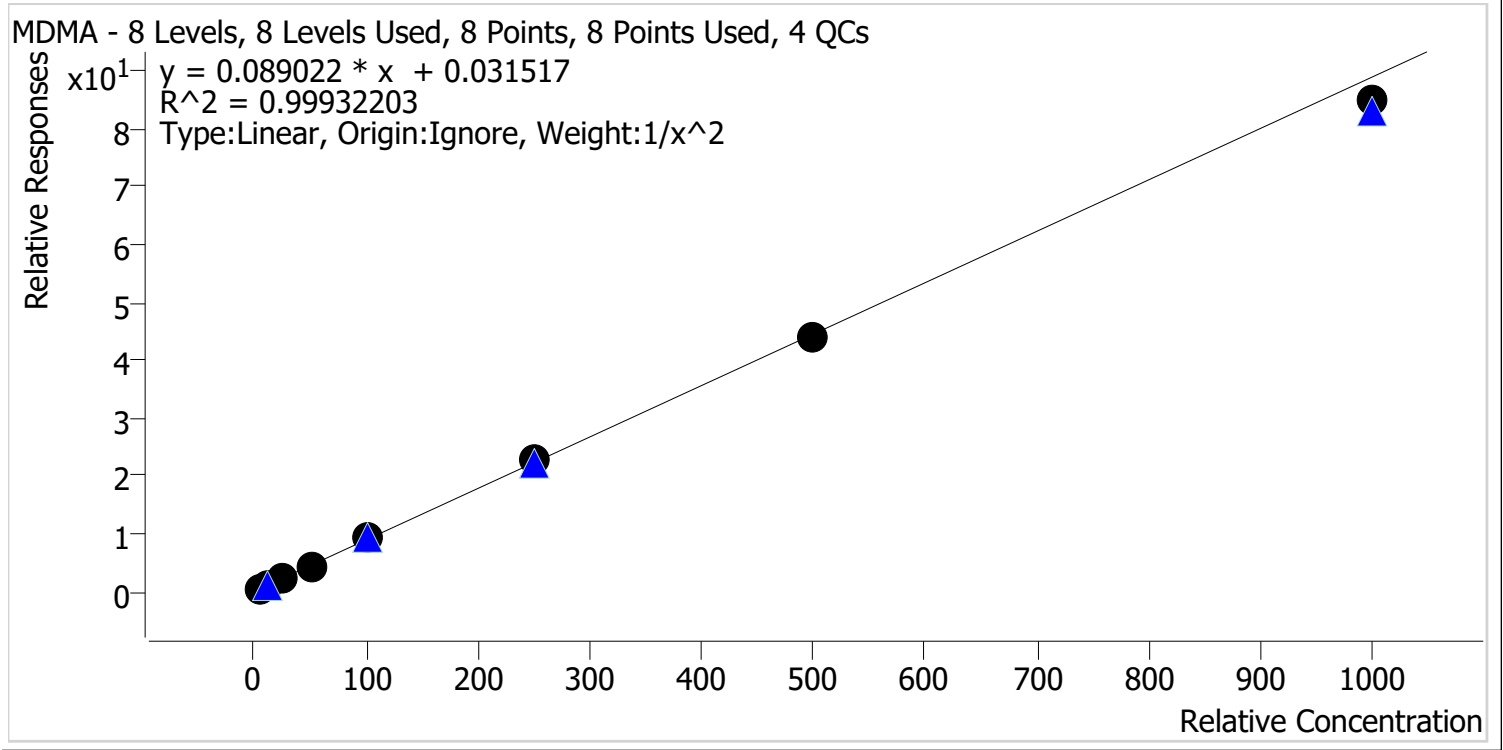
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	217.7	87.1
p1 Cal 7-500ng	7	x	500.0	351.3	70.3
p1 Cal 8-1000ng	8	x	1000.0	592.6	59.3

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte MDMA Internal Standard MDMA-D6



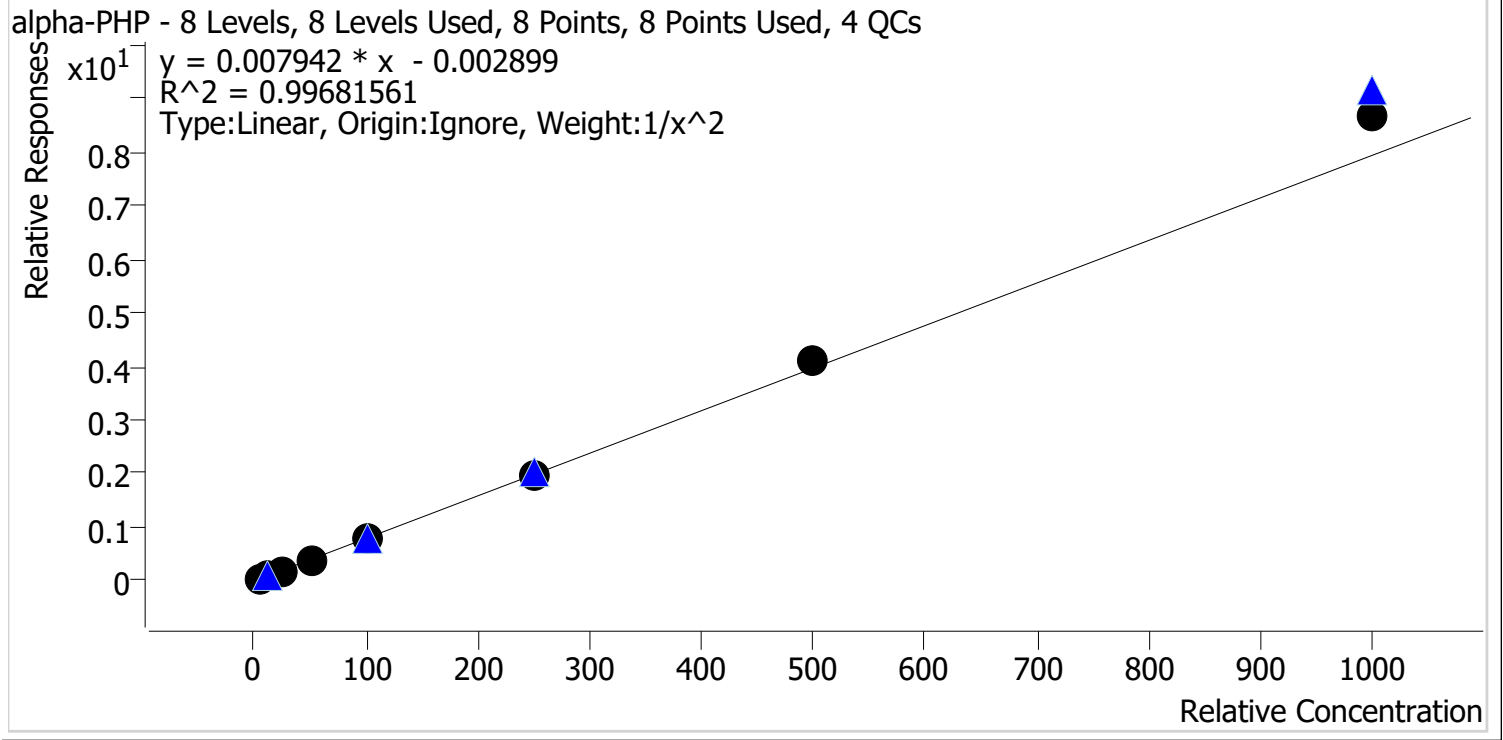
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	493.2	98.6
p1 Cal 8-1000ng	8	✓	1000.0	954.2	95.4

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** alpha-PHP **Internal Standard** alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	521.2	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1090.9	109.1

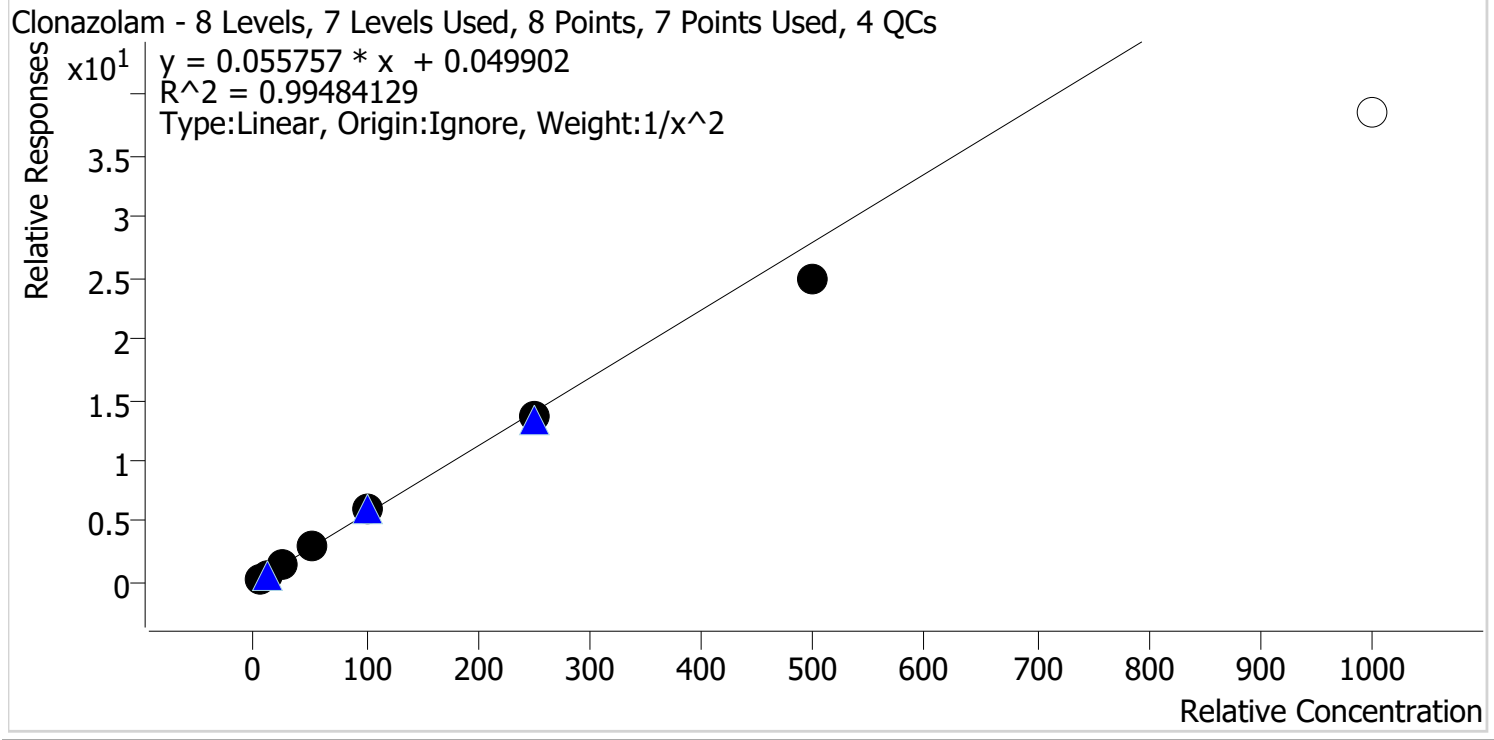


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Clonazolam **Internal Standard** Clonazepam-D4



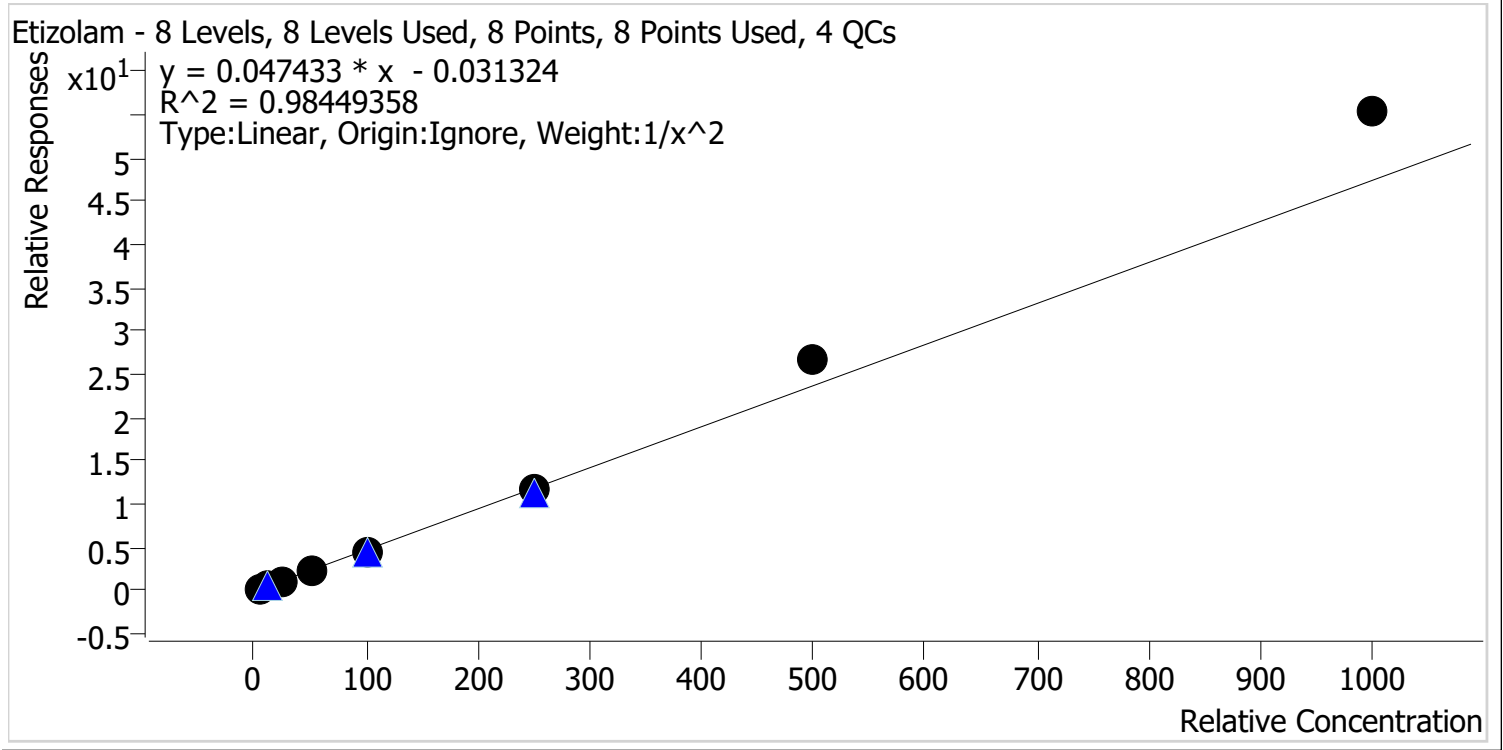
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	442.8	88.6
p1 Cal 8-1000ng	8	✗	1000.0	689.3	68.9

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Etizolam **Internal Standard** Clonazepam-D4



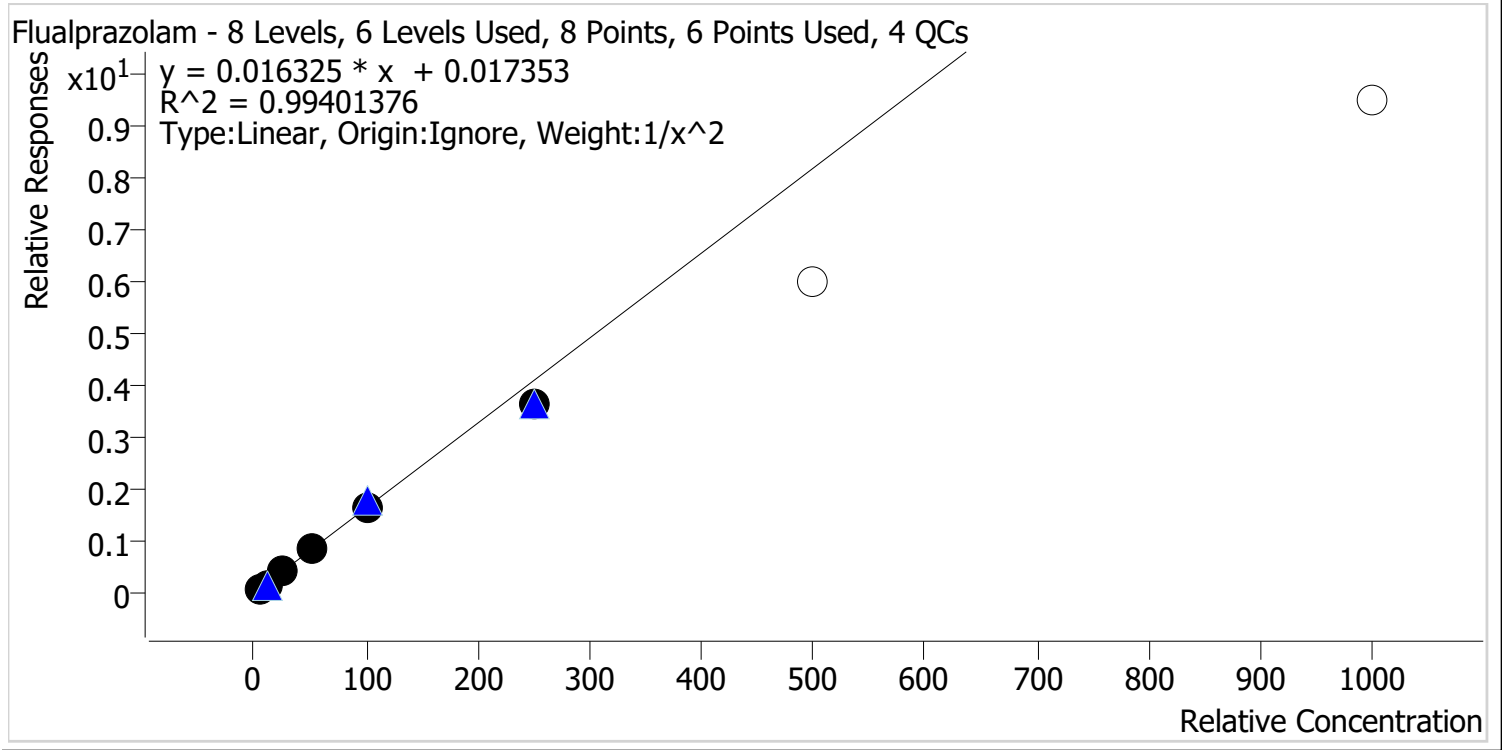
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.9
p1 Cal 2-10ng	2	✓	10.0	9.0	90.5
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.4
p1 Cal 4-50ng	4	✓	50.0	44.8	89.6
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	561.7	112.3
p1 Cal 8-1000ng	8	✓	1000.0	1165.9	116.6

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte Flualprazolam Internal Standard Alprazolam-D5



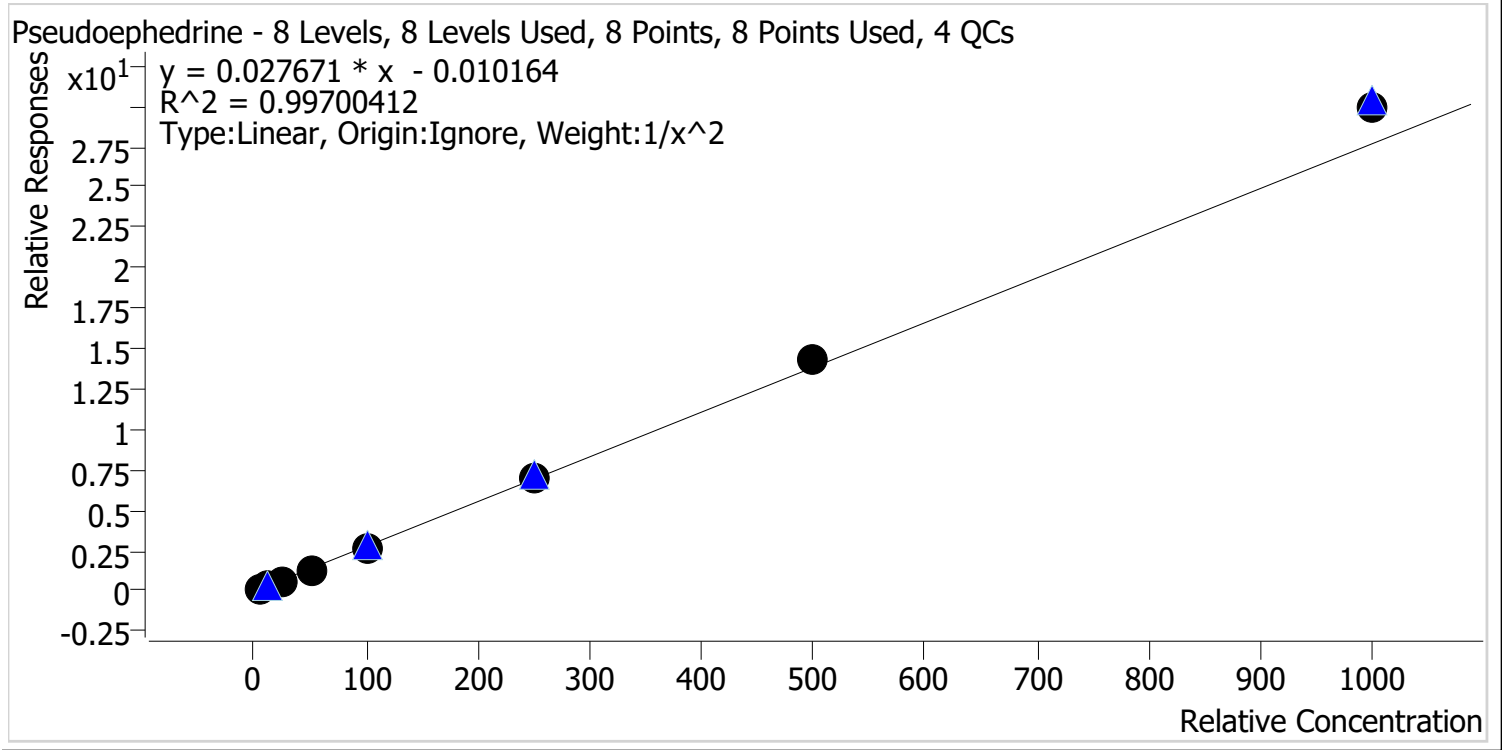
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	222.1	88.8
p1 Cal 7-500ng	7	x	500.0	366.0	73.2
p1 Cal 8-1000ng	8	x	1000.0	579.3	57.9

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



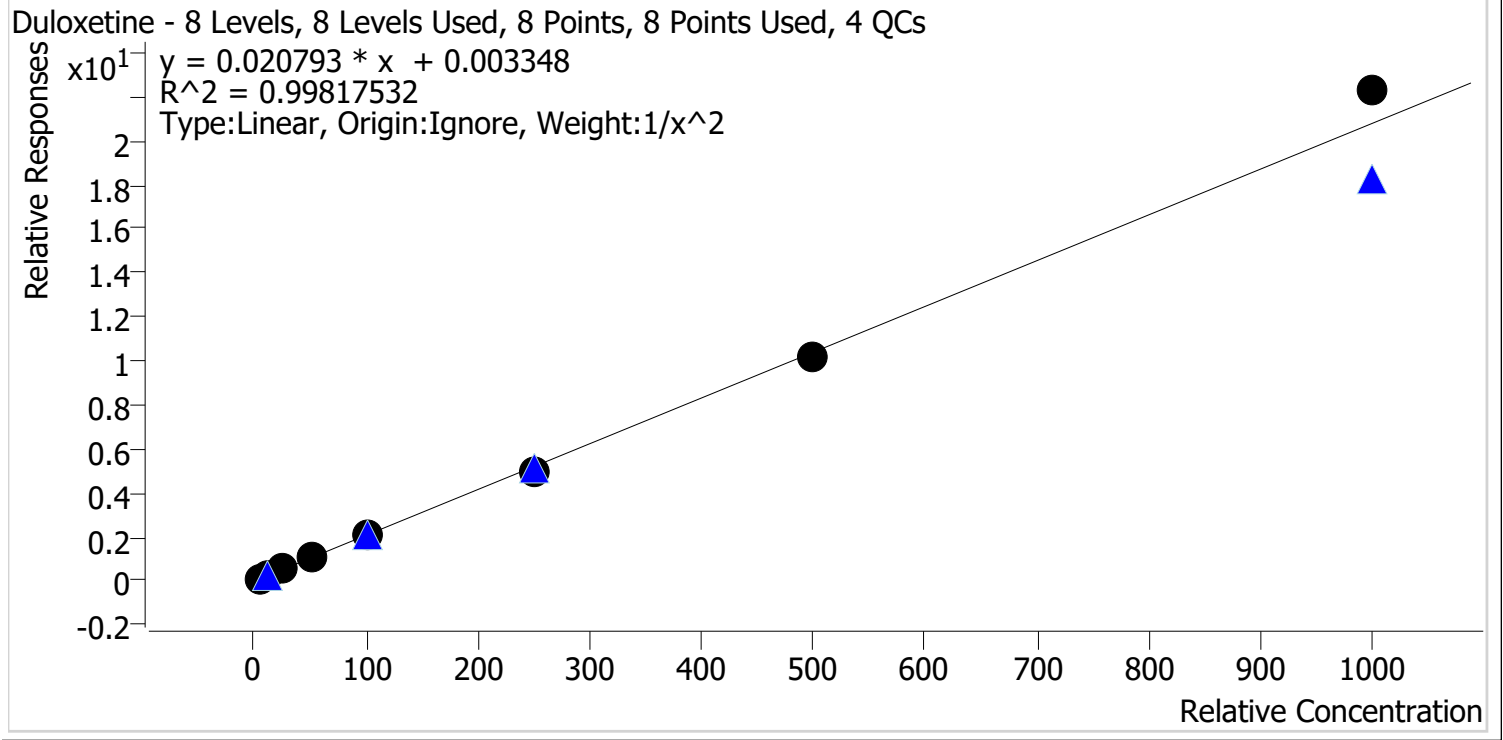
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1084.7	108.5

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Duloxetine **Internal Standard** Duloxetine-D3



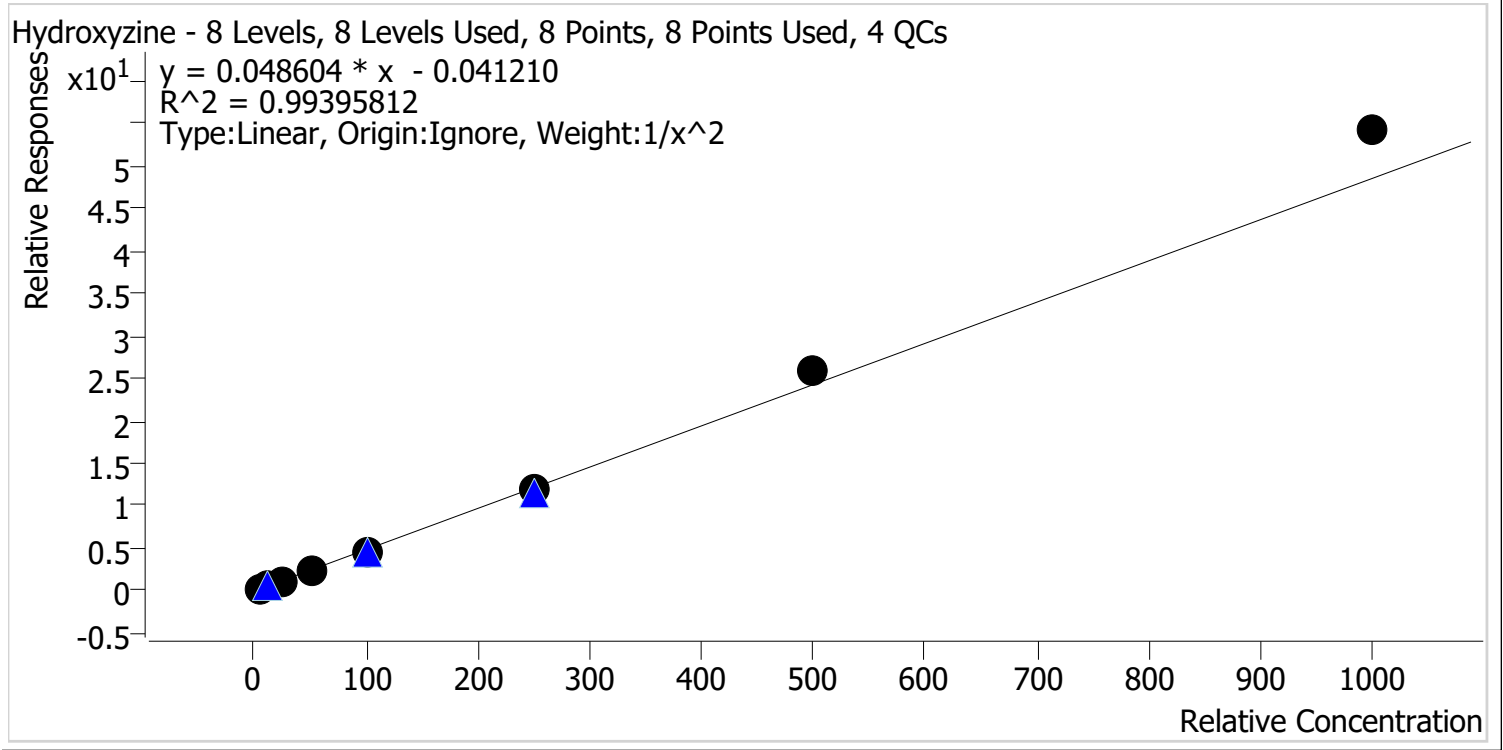
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	235.6	94.2
p1 Cal 7-500ng	7	✓	500.0	487.4	97.5
p1 Cal 8-1000ng	8	✓	1000.0	1071.7	107.2

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydroxyzine **Internal Standard** Dextromethorphan-D3



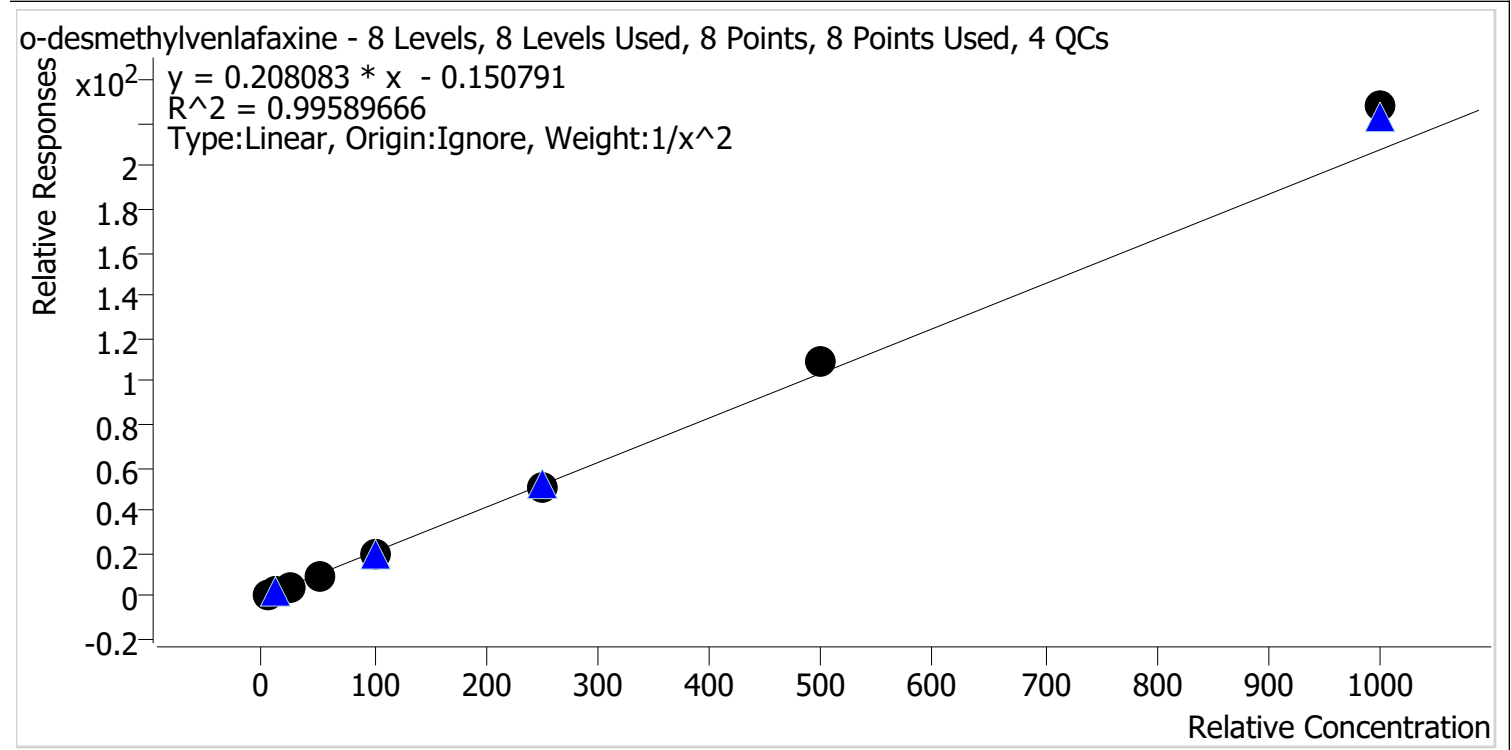
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	46.2	92.5
p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
p1 Cal 6-250ng	6	✓	250.0	246.9	98.7
p1 Cal 7-500ng	7	✓	500.0	533.5	106.7
p1 Cal 8-1000ng	8	✓	1000.0	1119.3	111.9

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



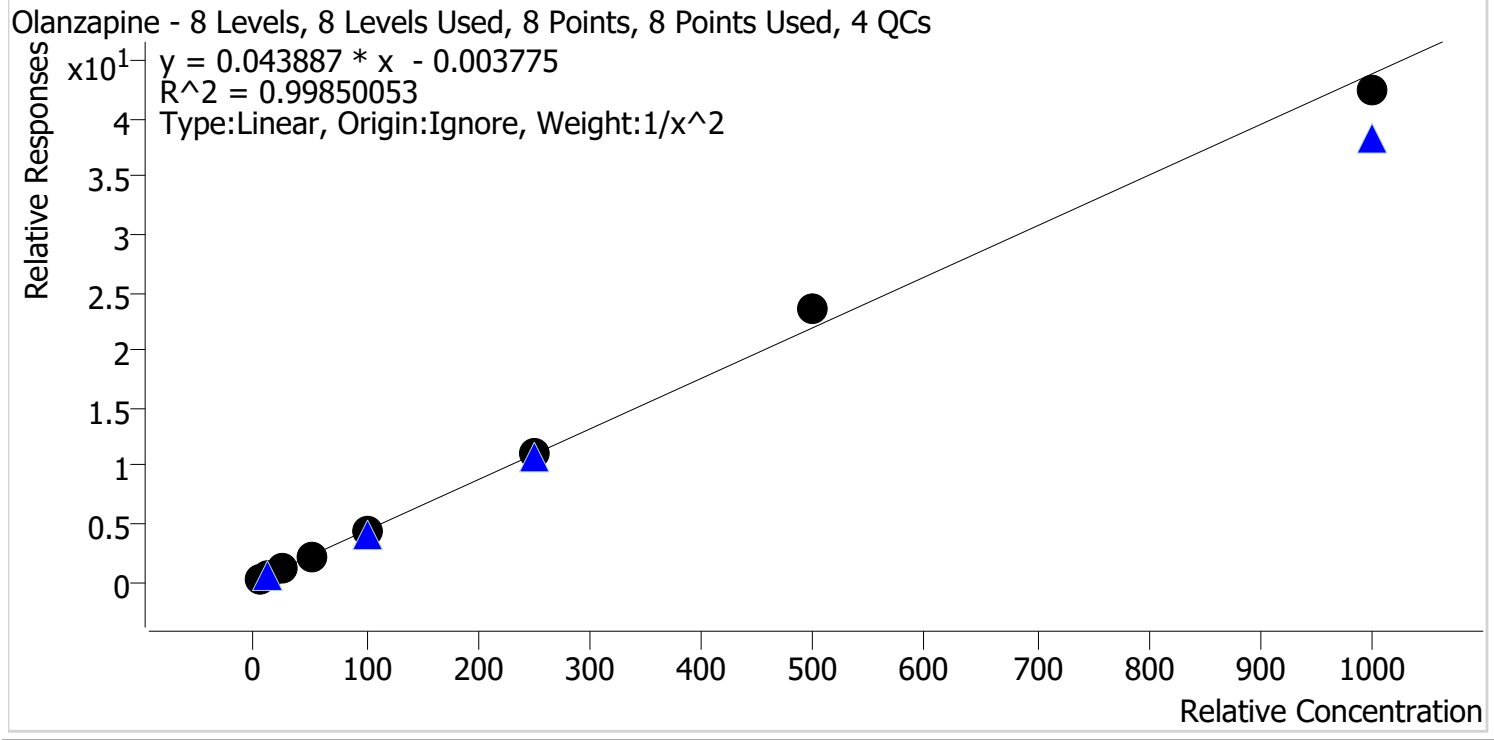
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	46.1	92.3
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	523.2	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1097.2	109.7

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	534.7	106.9
p1 Cal 8-1000ng	8	✓	1000.0	966.9	96.7

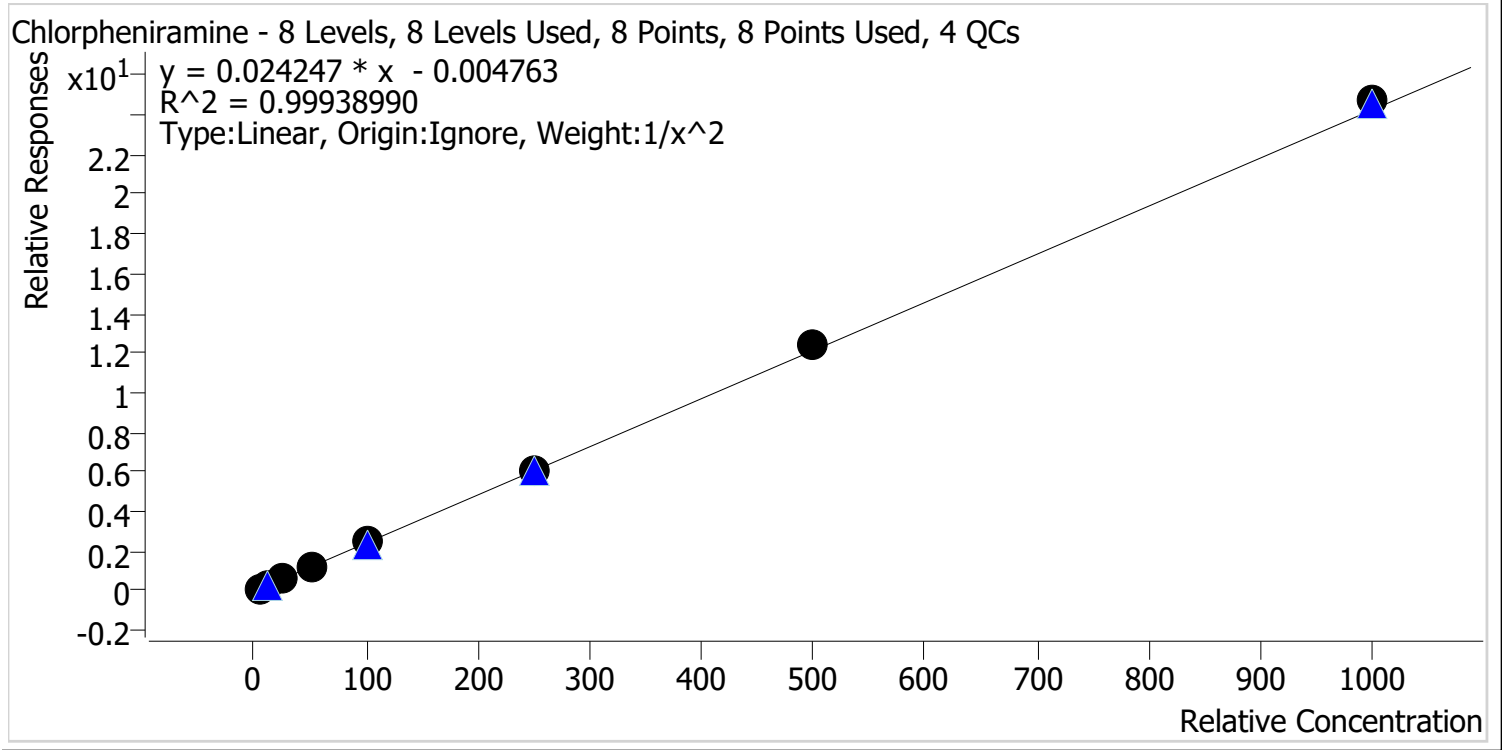


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Chlorpheniramine **Internal Standard** Chlorpheniramine-D6



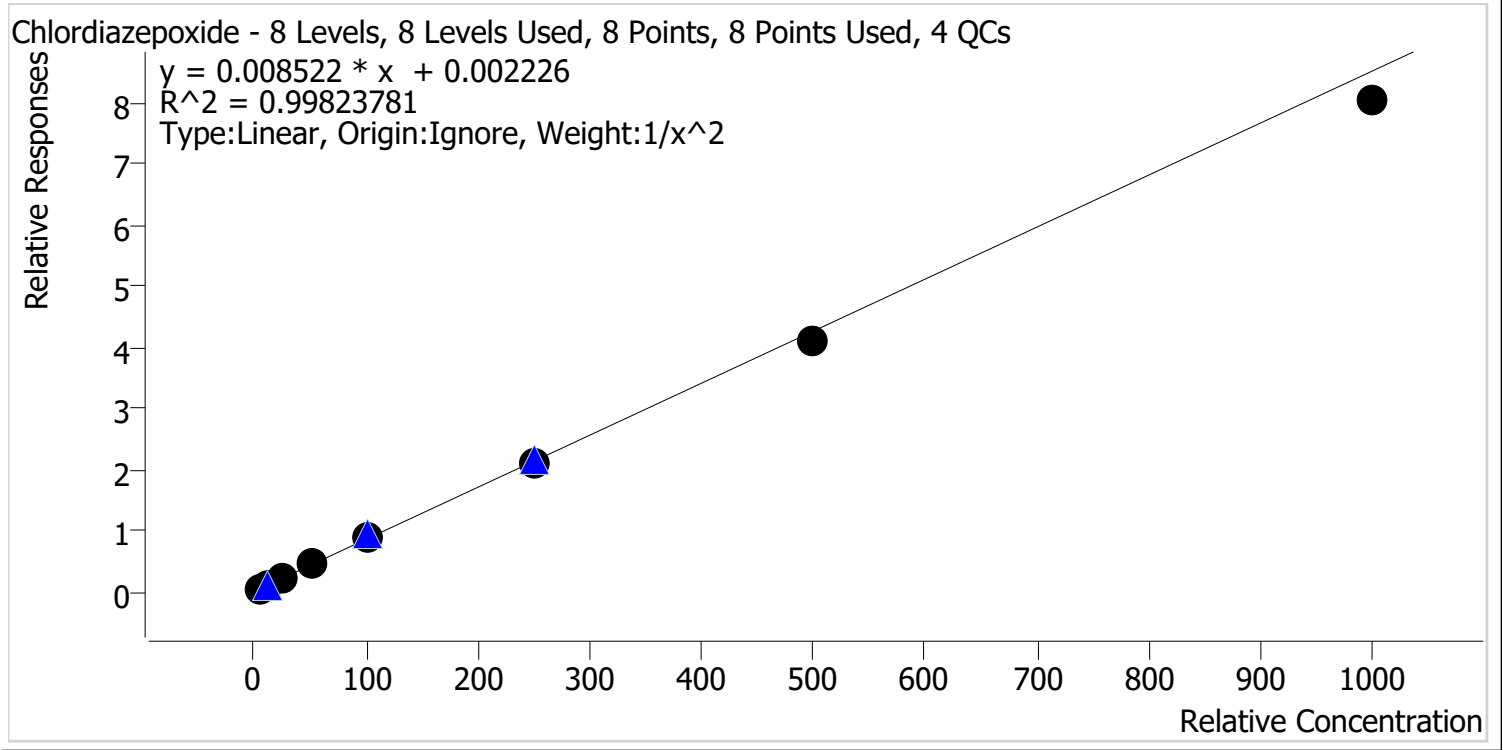
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1019.4	101.9

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	481.3	96.3
p1 Cal 8-1000ng	8	✓	1000.0	943.3	94.3

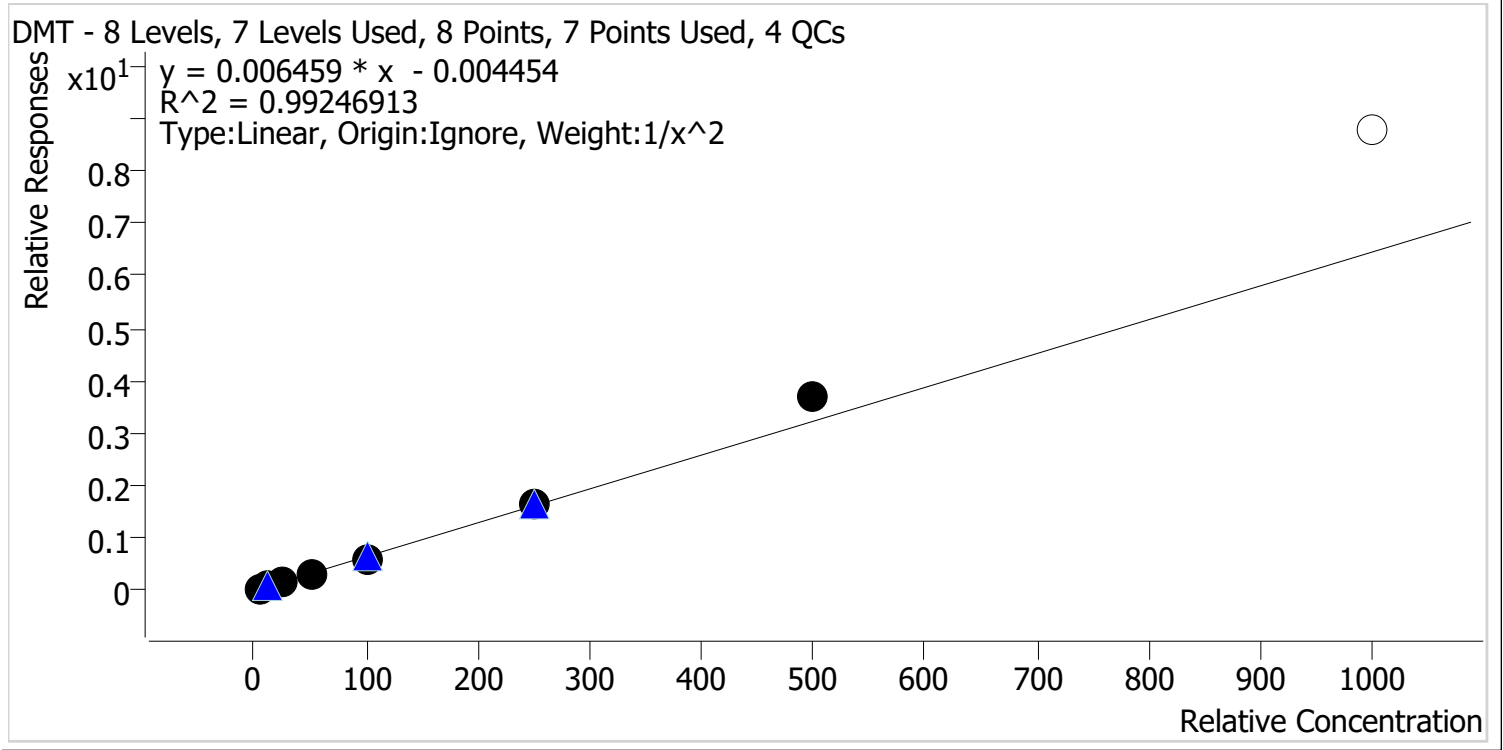
Compound not evaluated due to ratios.

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte DMT Internal Standard Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	46.1	92.1
p1 Cal 5-100ng	5	✓	100.0	94.0	94.0
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	570.7	114.1
p1 Cal 8-1000ng	8	x	1000.0	1360.5	136.0

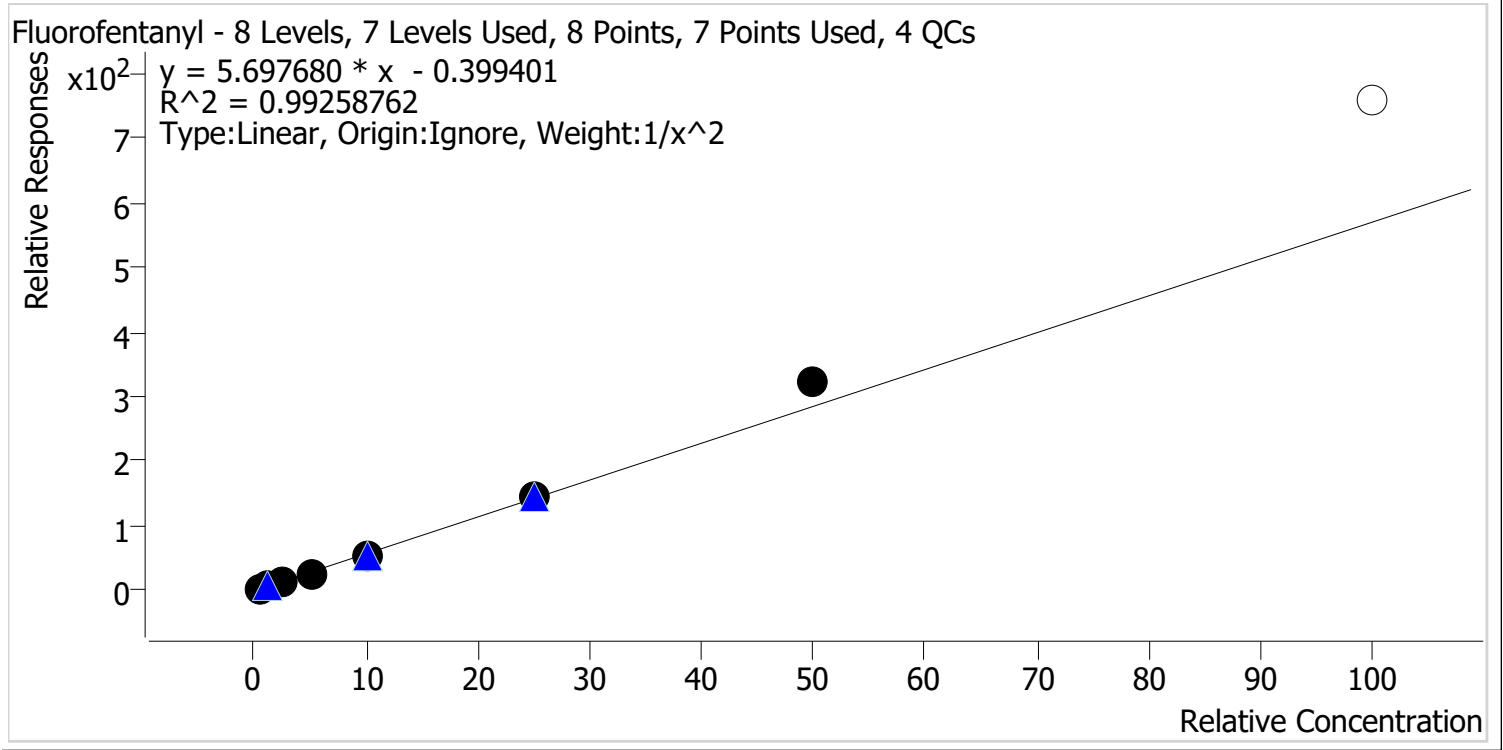
Compound not evaluated due to ratios.

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



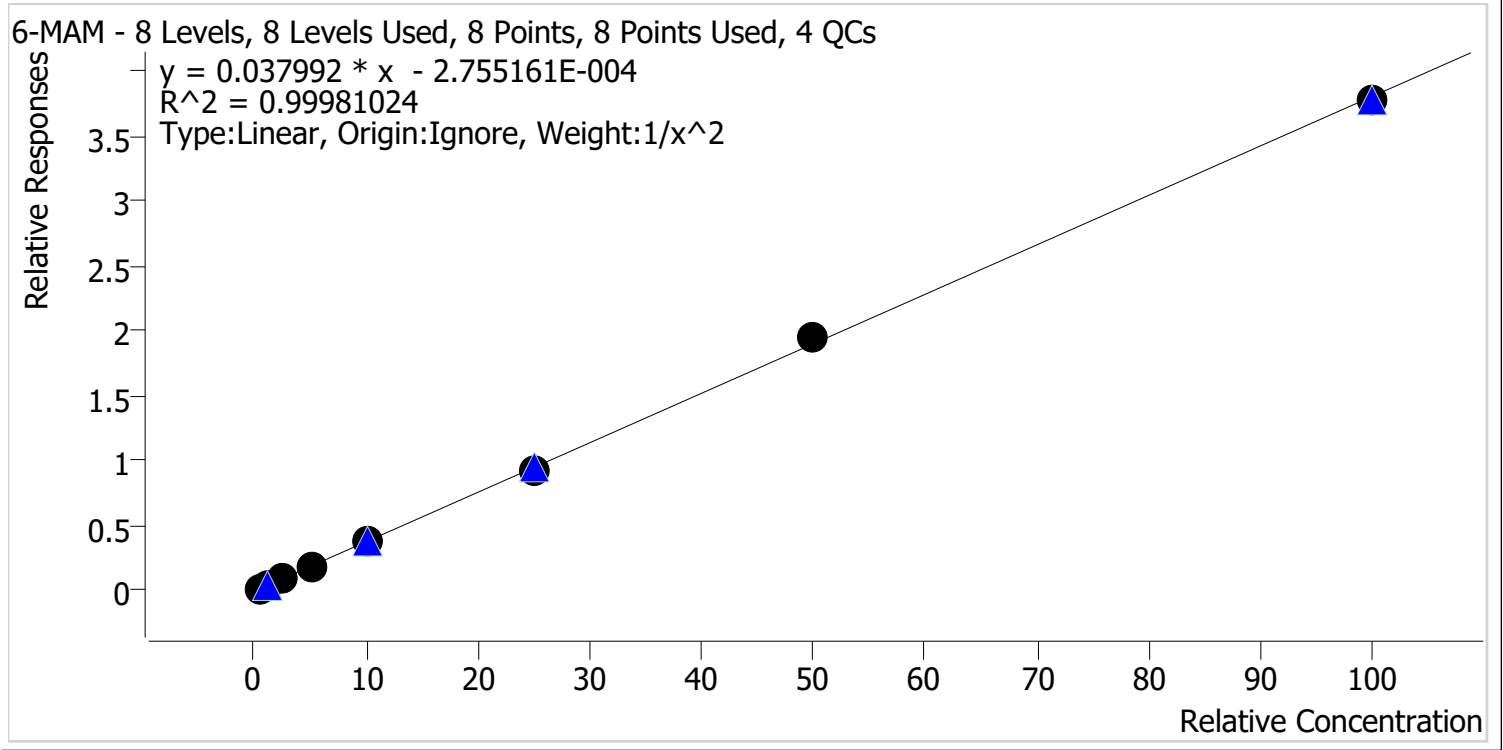
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.9
p1 Cal 2-10ng	2	✓	1.0	1.0	101.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.9
p1 Cal 4-50ng	4	✓	5.0	4.7	93.5
p1 Cal 5-100ng	5	✓	10.0	9.8	98.5
p1 Cal 6-250ng	6	✓	25.0	25.1	100.5
p1 Cal 7-500ng	7	✓	50.0	56.9	113.7
p1 Cal 8-1000ng	8	✗	100.0	133.0	133.0

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6



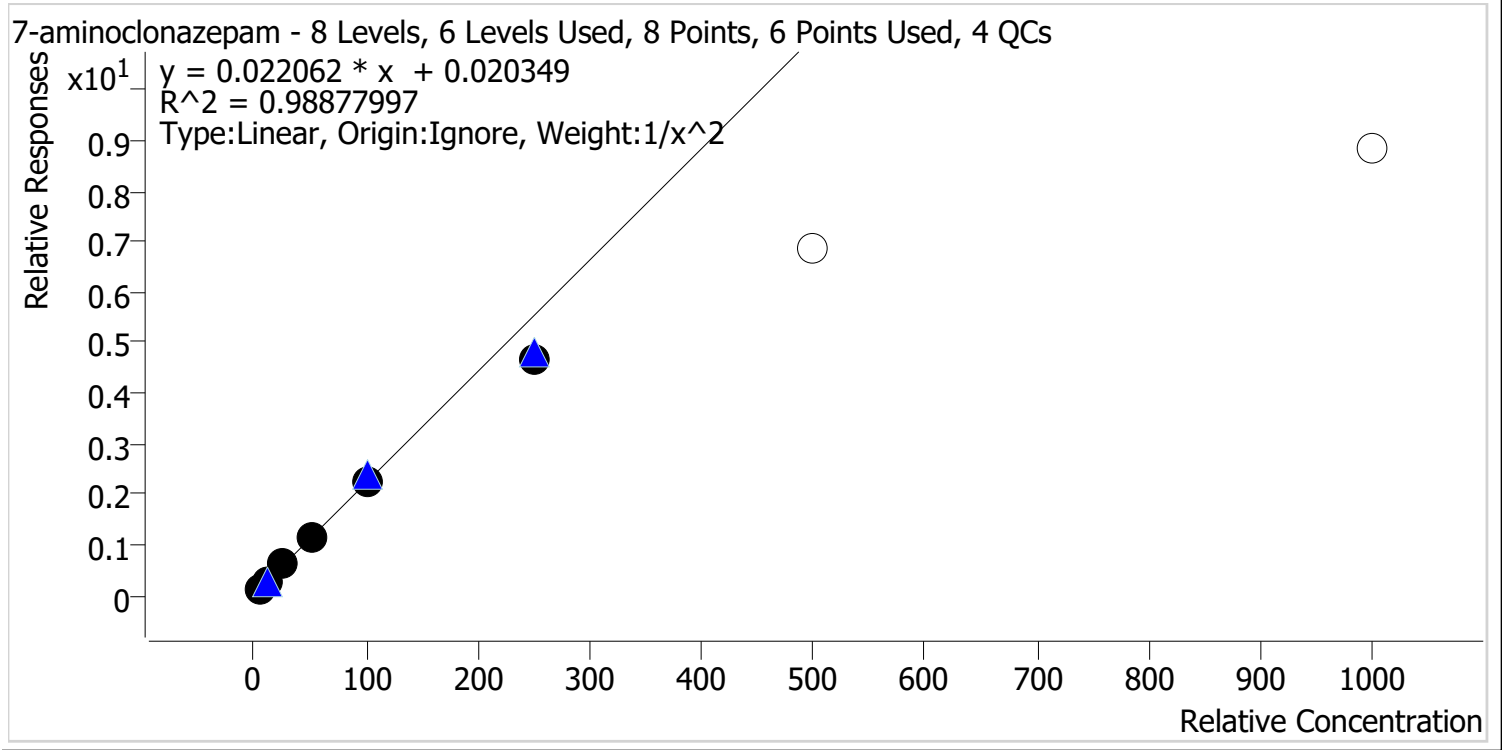
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.4
p1 Cal 2-10ng	2	✓	1.0	1.0	99.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.5
p1 Cal 4-50ng	4	✓	5.0	5.0	99.8
p1 Cal 5-100ng	5	✓	10.0	10.1	100.7
p1 Cal 6-250ng	6	✓	25.0	24.7	98.7
p1 Cal 7-500ng	7	✓	50.0	51.2	102.5
p1 Cal 8-1000ng	8	✓	100.0	99.1	99.1

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



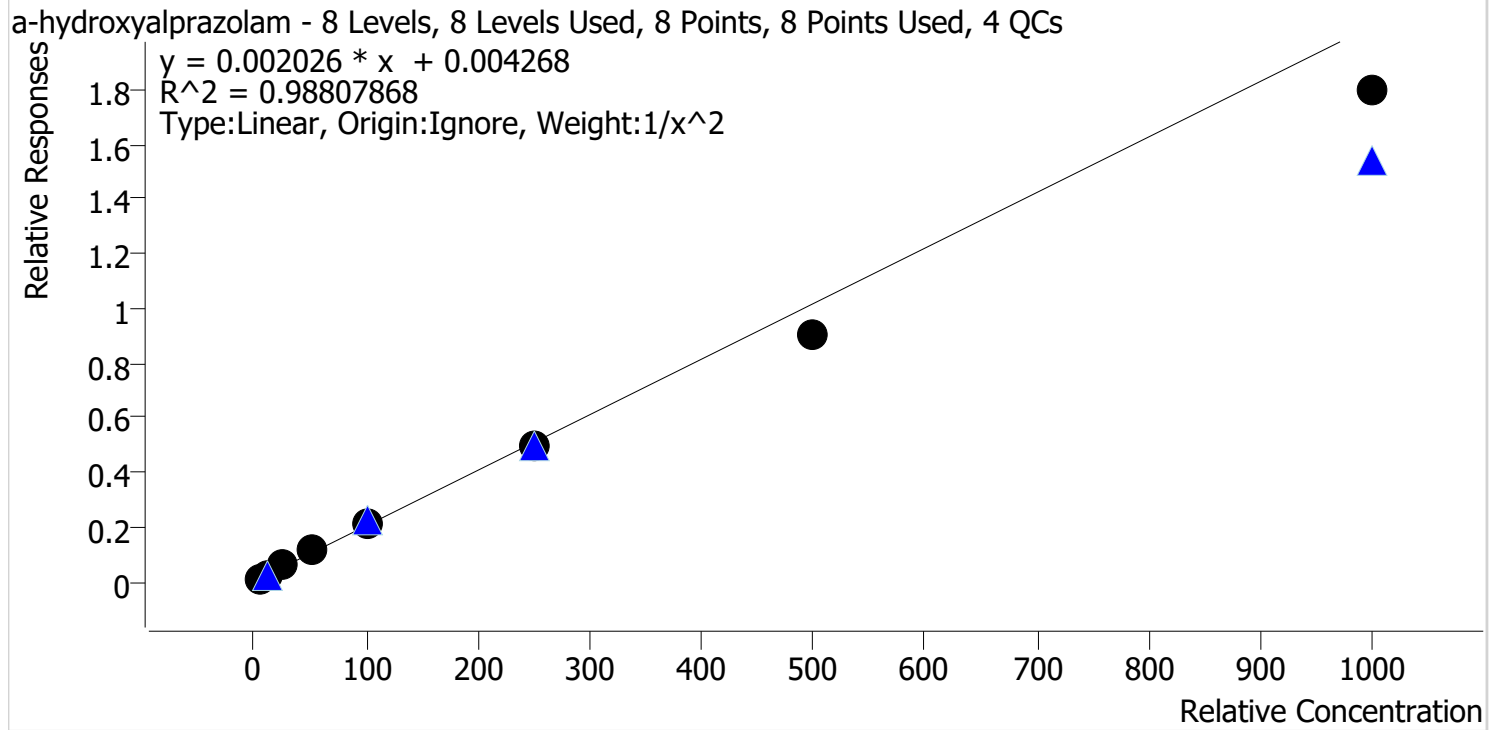
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	211.7	84.7
p1 Cal 7-500ng	7	x	500.0	310.8	62.2
p1 Cal 8-1000ng	8	x	1000.0	399.8	40.0

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** Temazepam-D5



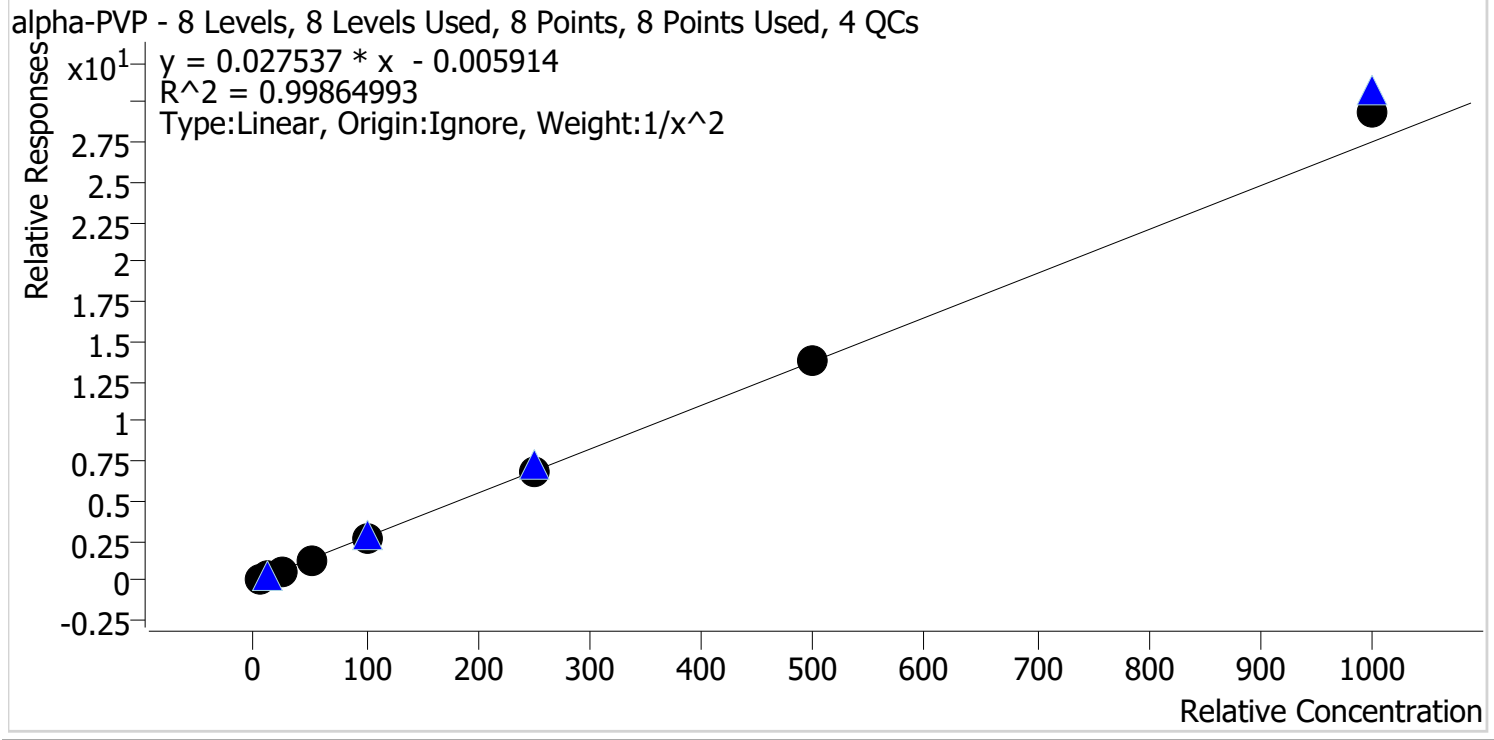
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	28.4	113.7
p1 Cal 4-50ng	4	✓	50.0	56.2	112.5
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	446.3	89.3
p1 Cal 8-1000ng	8	✓	1000.0	883.5	88.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1066.3	106.6

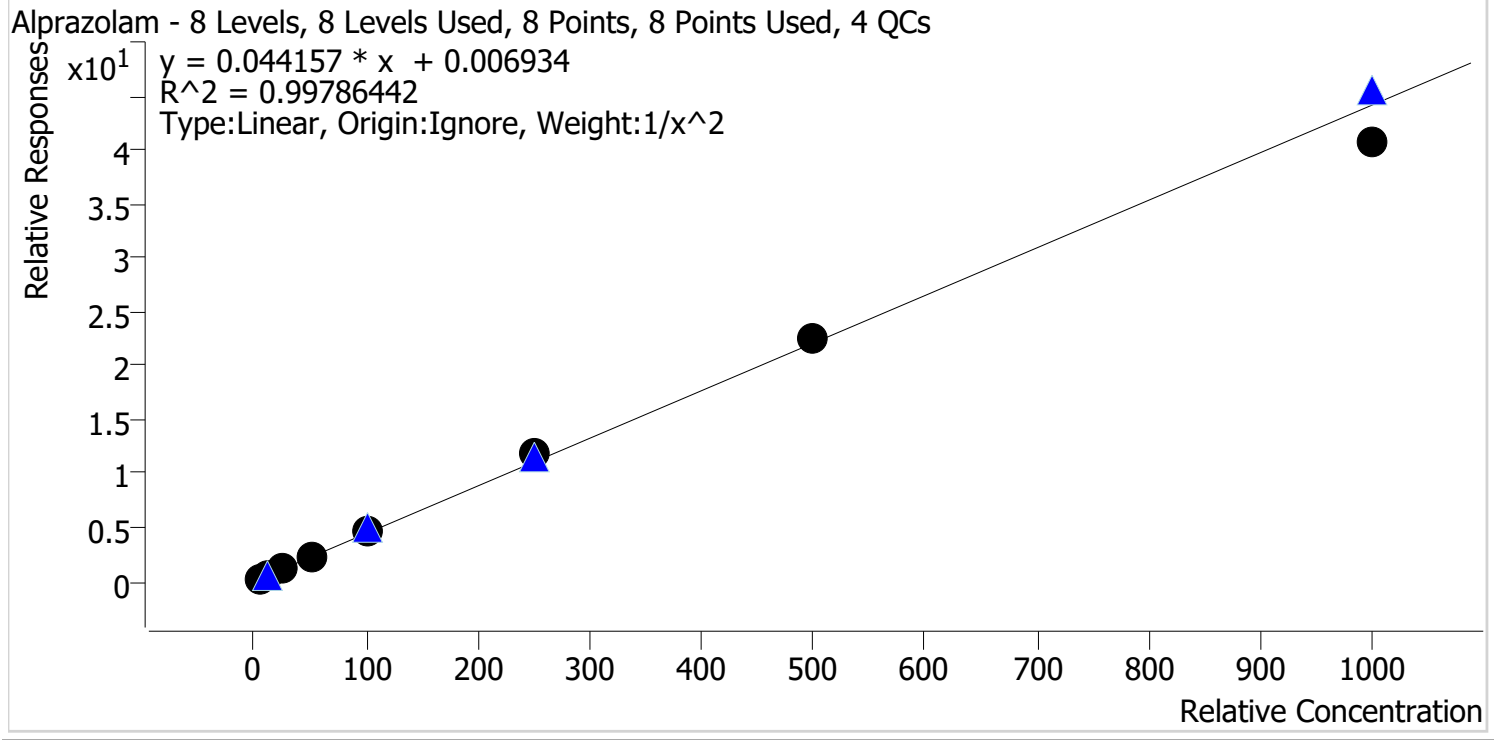


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5



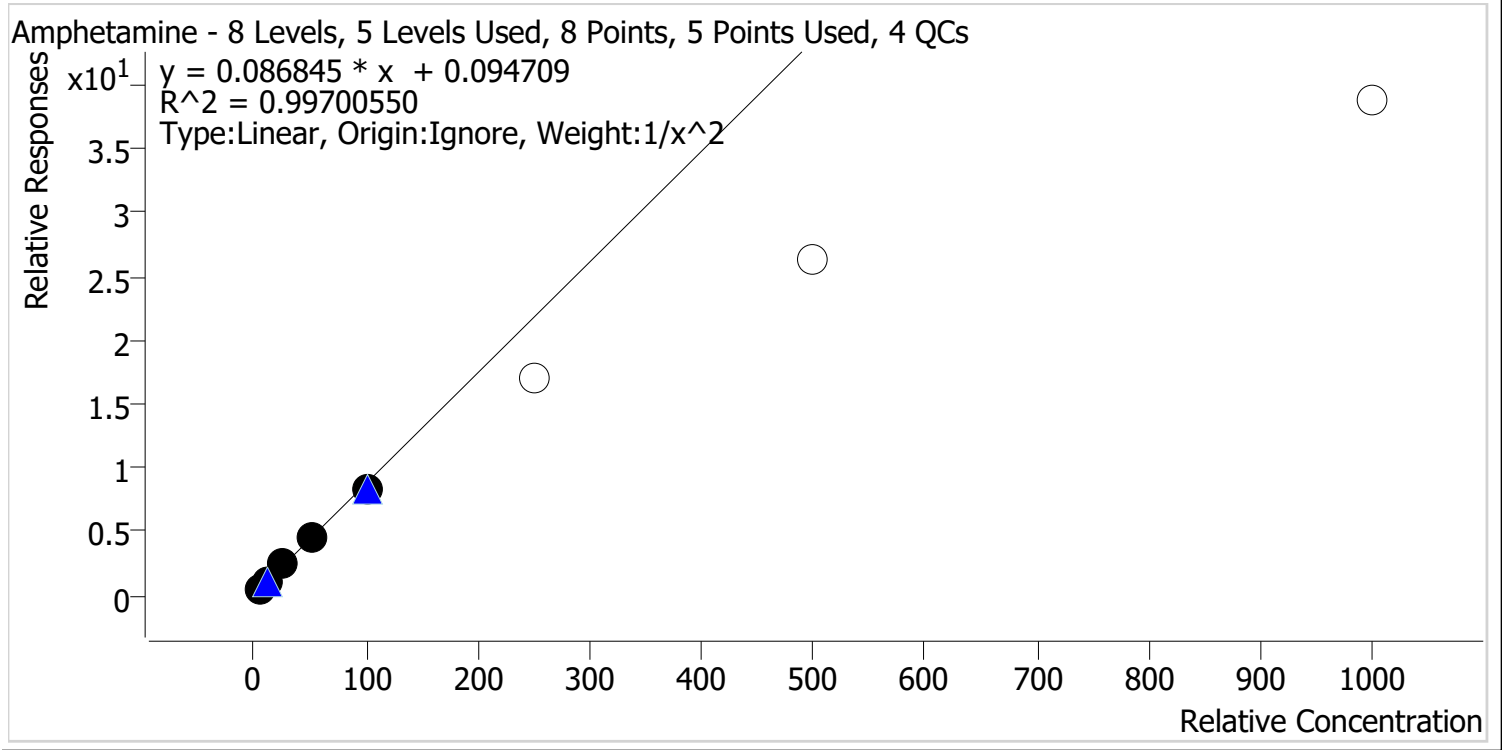
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	265.2	106.1
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	923.2	92.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11



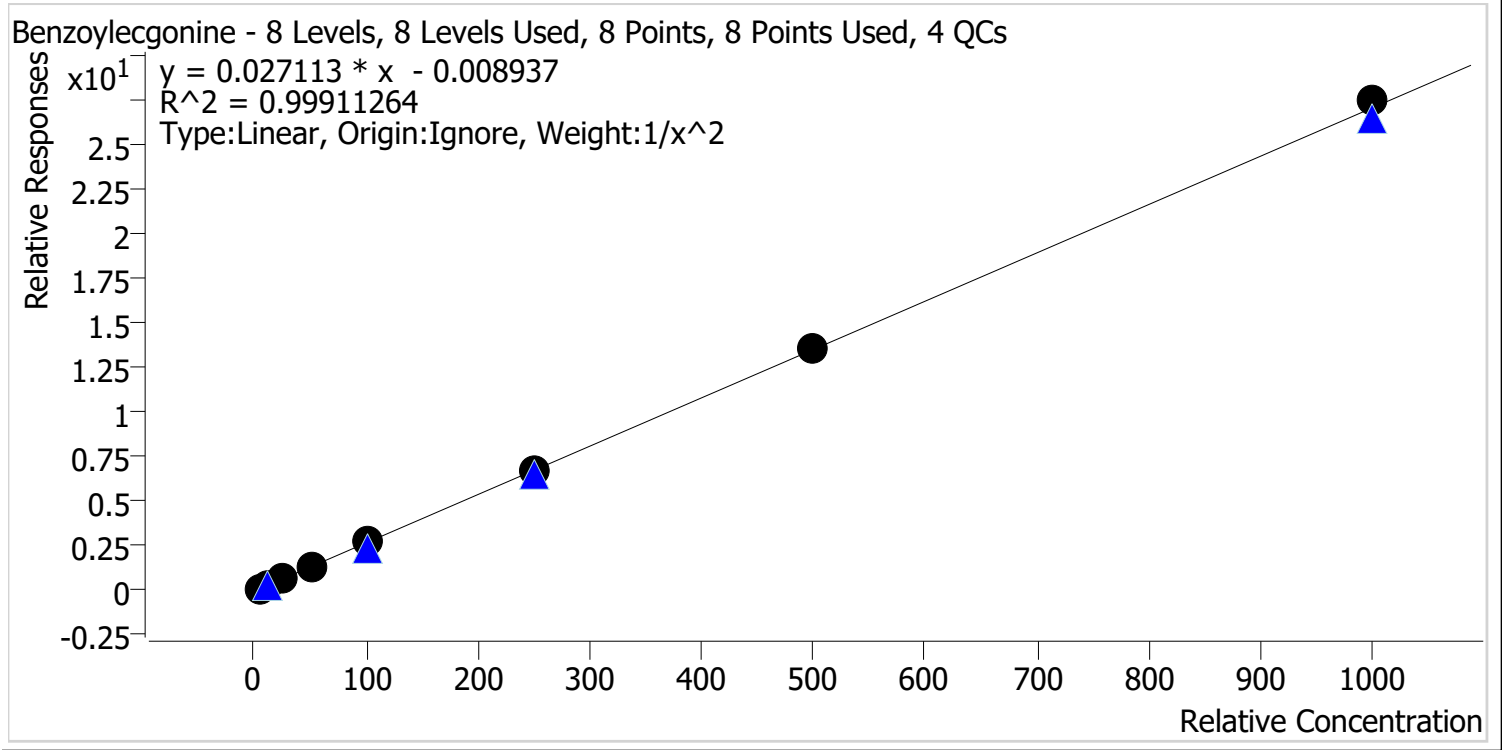
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	94.6	94.6
p1 Cal 6-250ng	6	✗	250.0	193.7	77.5
p1 Cal 7-500ng	7	✗	500.0	303.6	60.7
p1 Cal 8-1000ng	8	✗	1000.0	445.7	44.6

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



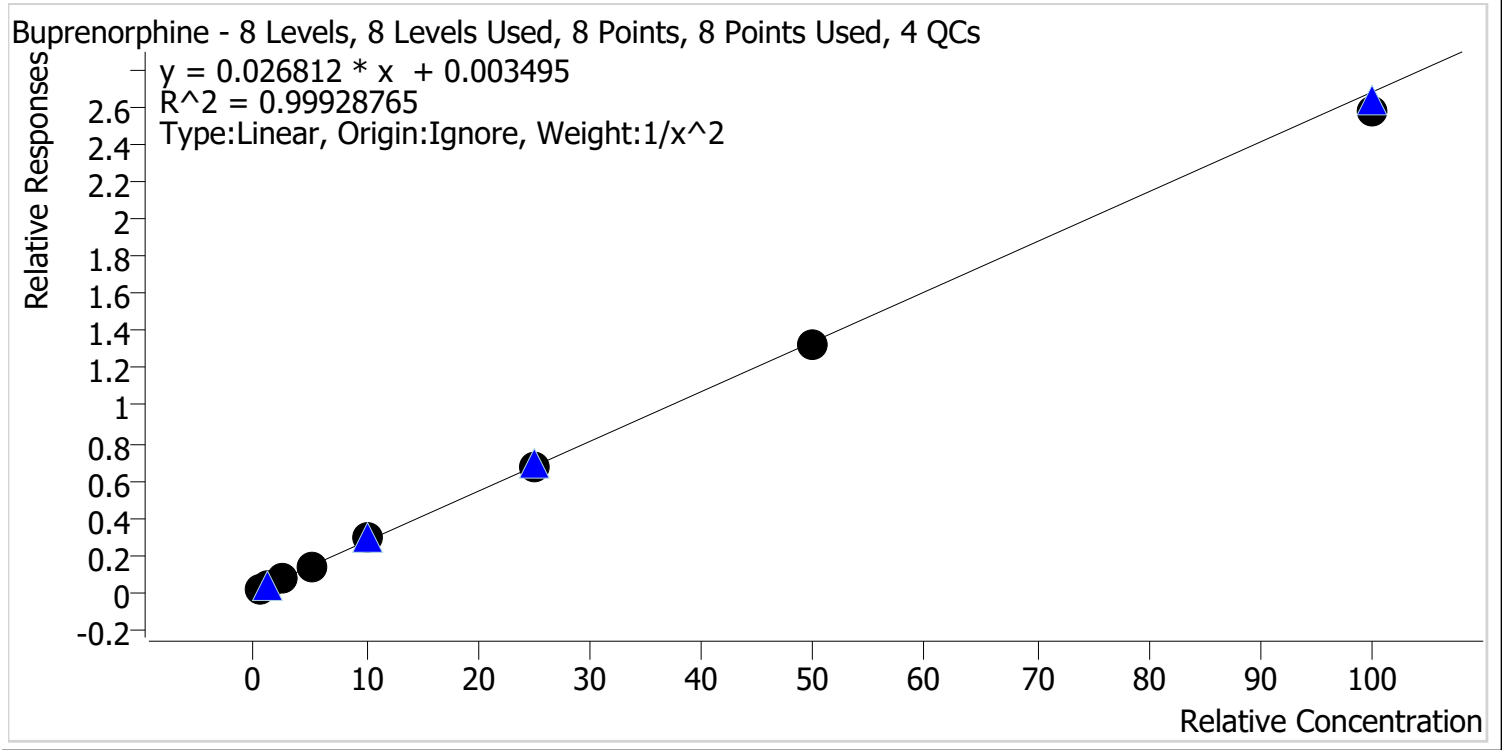
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	247.4	98.9
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1015.2	101.5

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte Buprenorphine Internal Standard Buprenorphine-D4



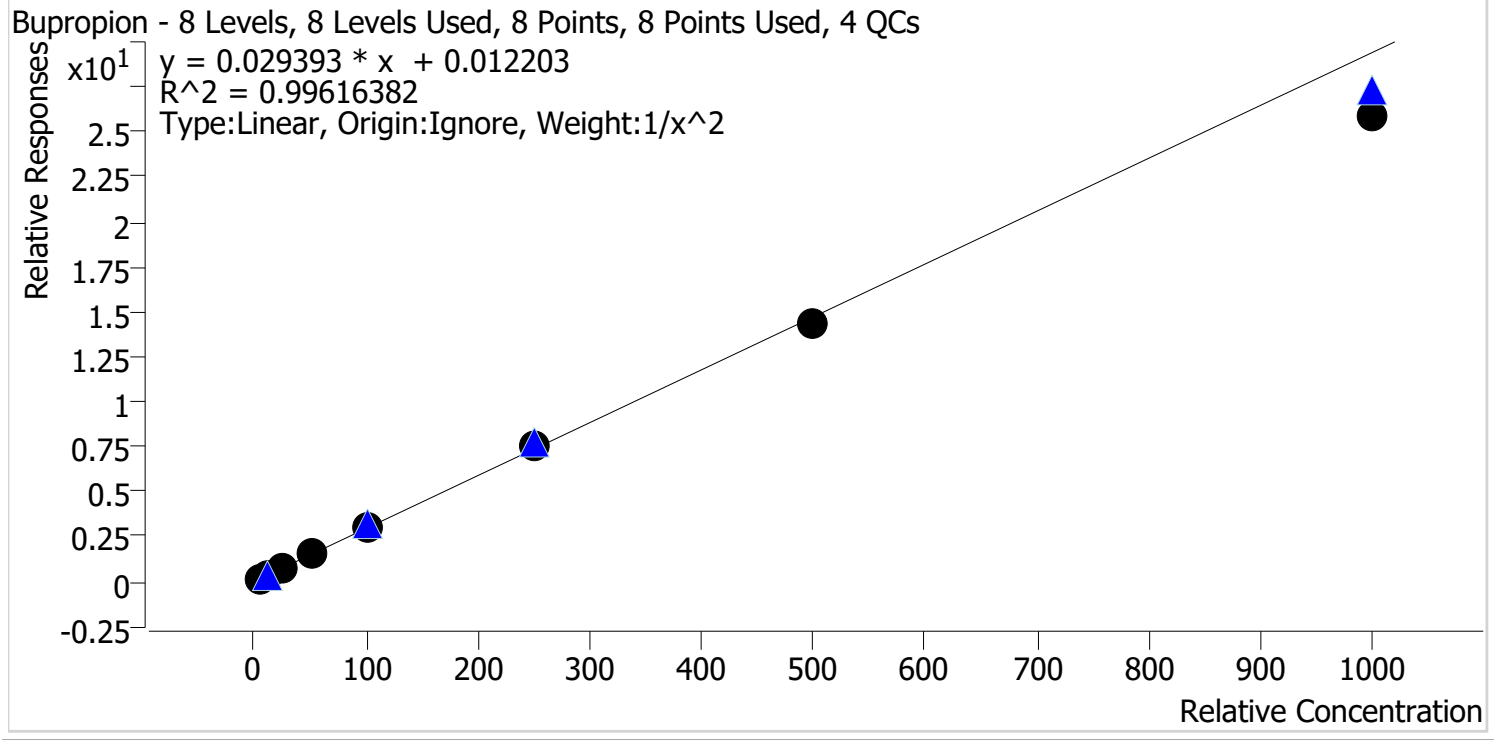
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.9
p1 Cal 2-10ng	2	✓	1.0	1.0	99.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.2
p1 Cal 4-50ng	4	✓	5.0	5.1	101.8
p1 Cal 5-100ng	5	✓	10.0	10.4	104.4
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	49.3	98.5
p1 Cal 8-1000ng	8	✓	100.0	96.5	96.5

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9



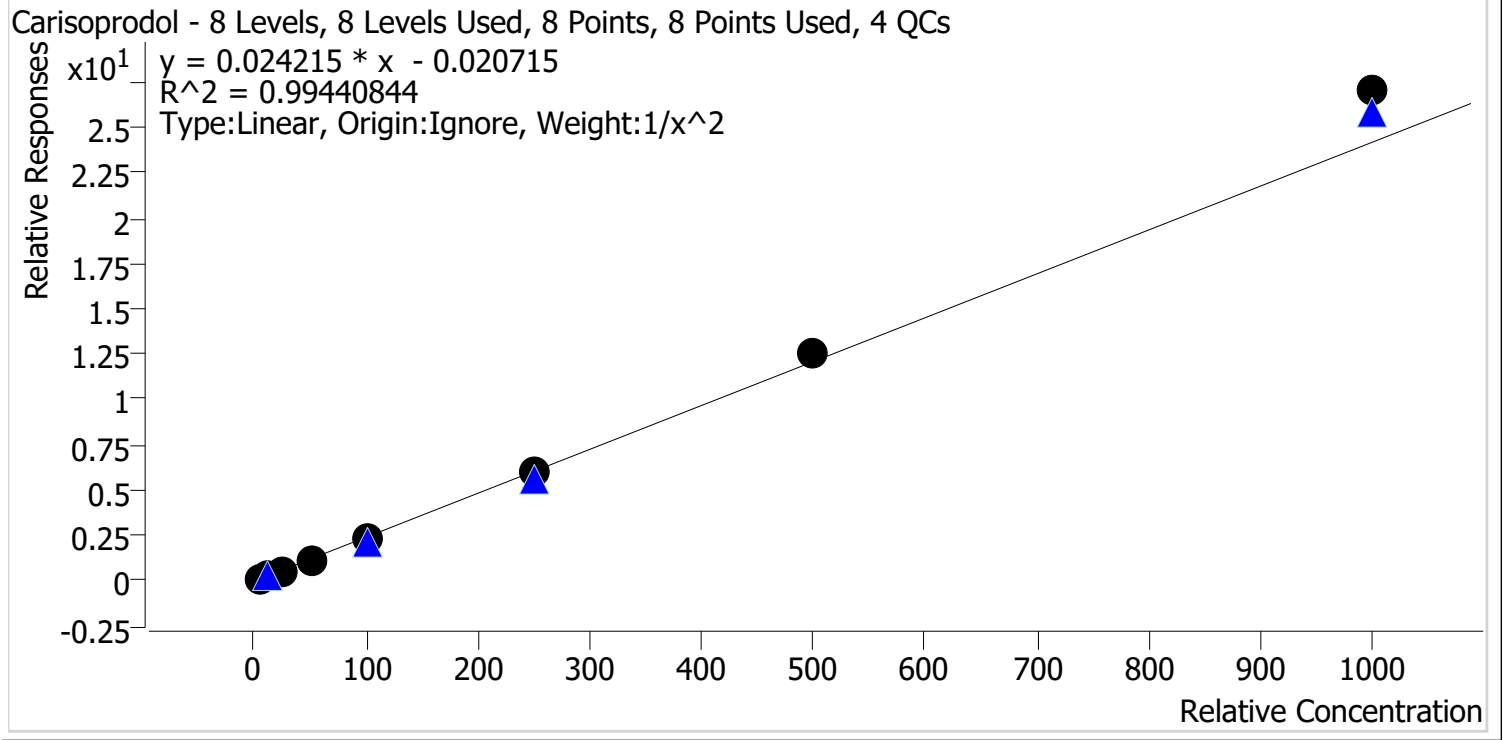
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	254.9	101.9
p1 Cal 7-500ng	7	✓	500.0	490.3	98.1
p1 Cal 8-1000ng	8	✓	1000.0	882.7	88.3

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte Carisoprodol Internal Standard Carisoprodol-D7



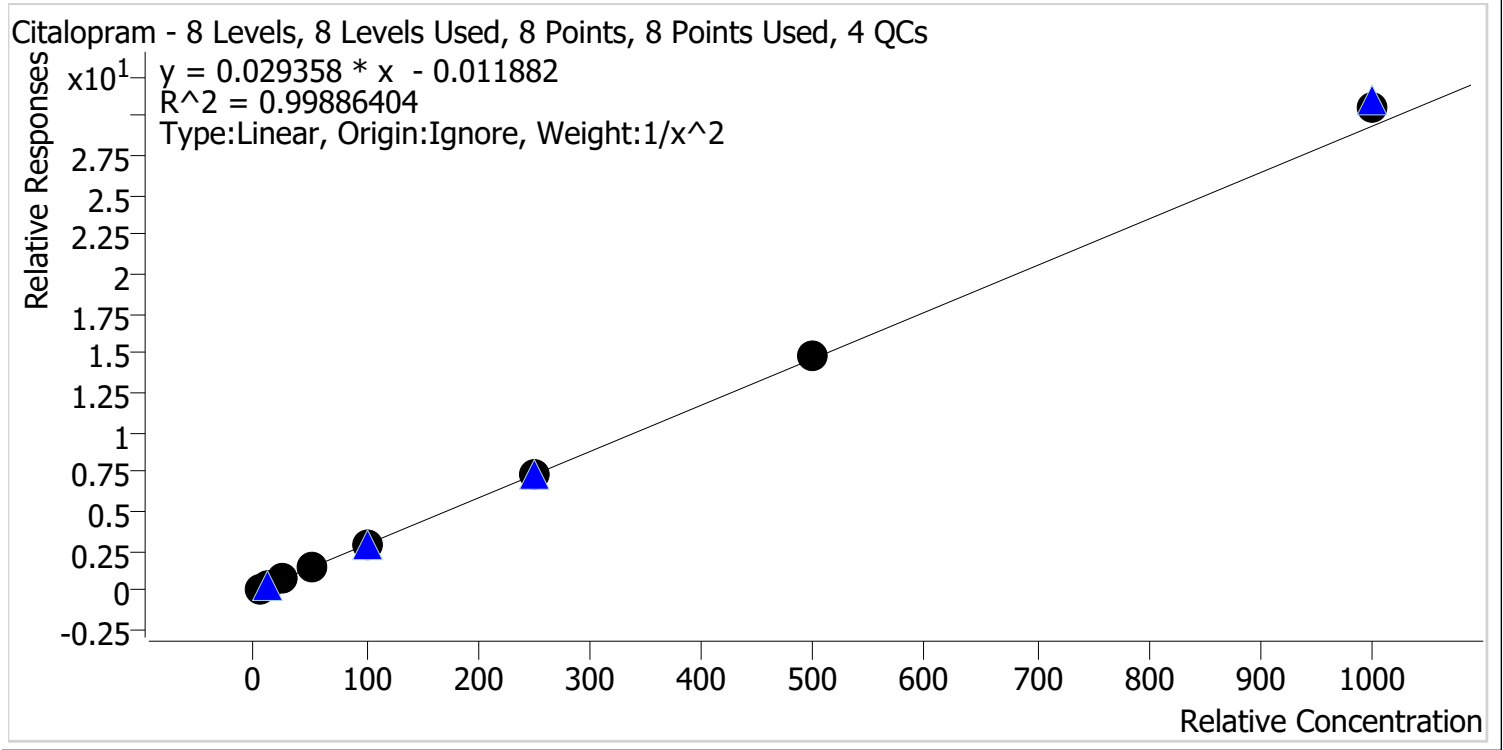
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	46.2	92.4
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	250.6	100.3
p1 Cal 7-500ng	7	✓	500.0	520.0	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1117.7	111.8

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6



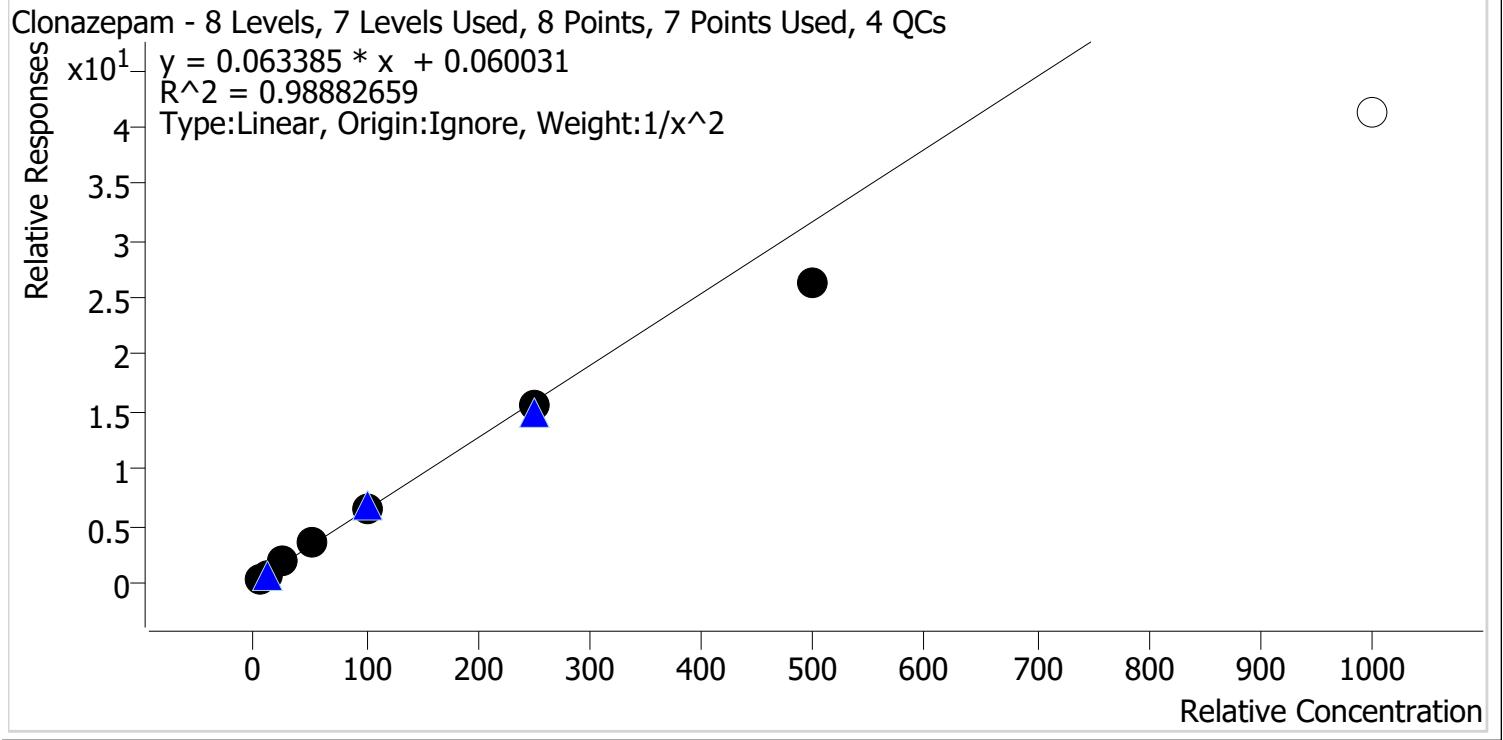
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	505.0	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1041.2	104.1

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.4
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	243.9	97.6
p1 Cal 7-500ng	7	✓	500.0	416.8	83.4
p1 Cal 8-1000ng	8	✗	1000.0	648.5	64.8

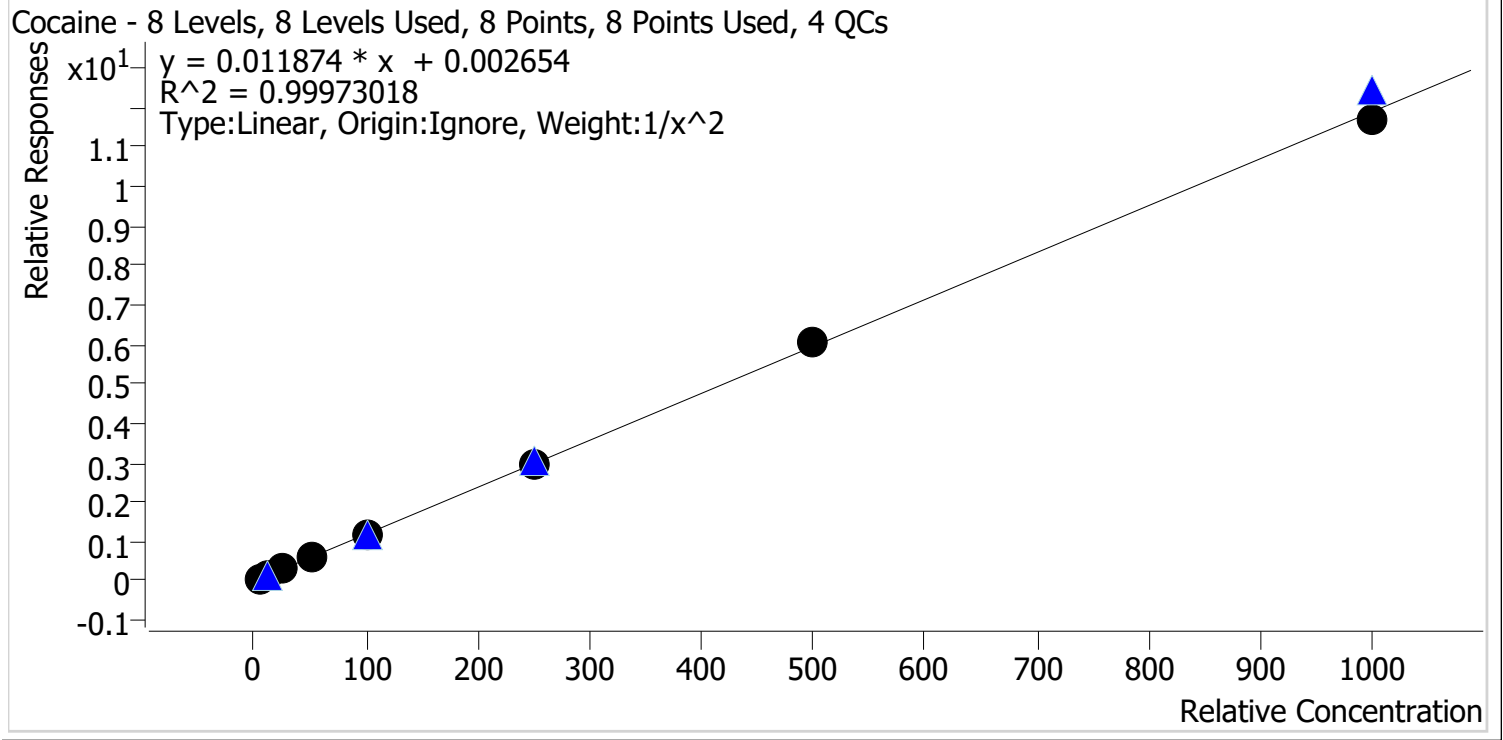


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-D3



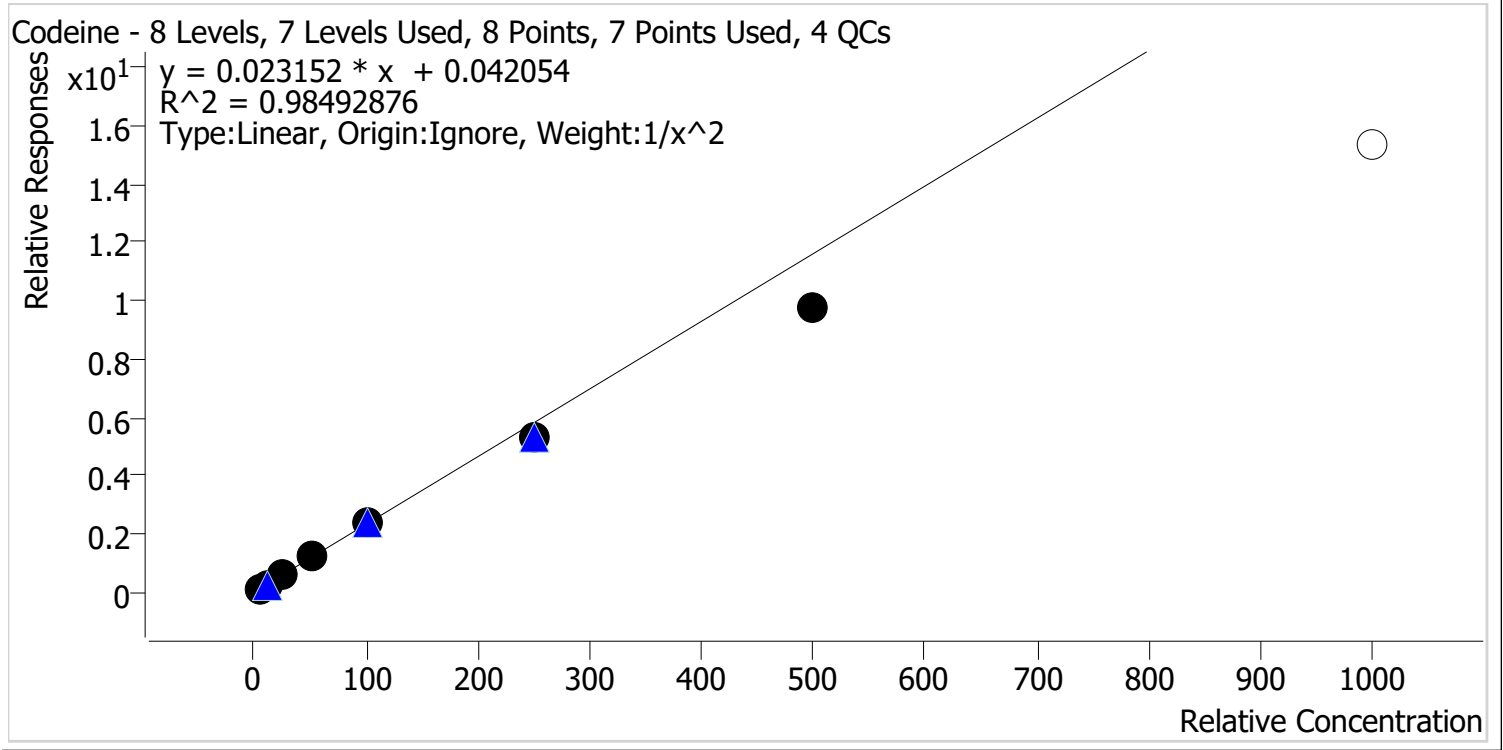
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	506.9	101.4
p1 Cal 8-1000ng	8	✓	1000.0	983.0	98.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6



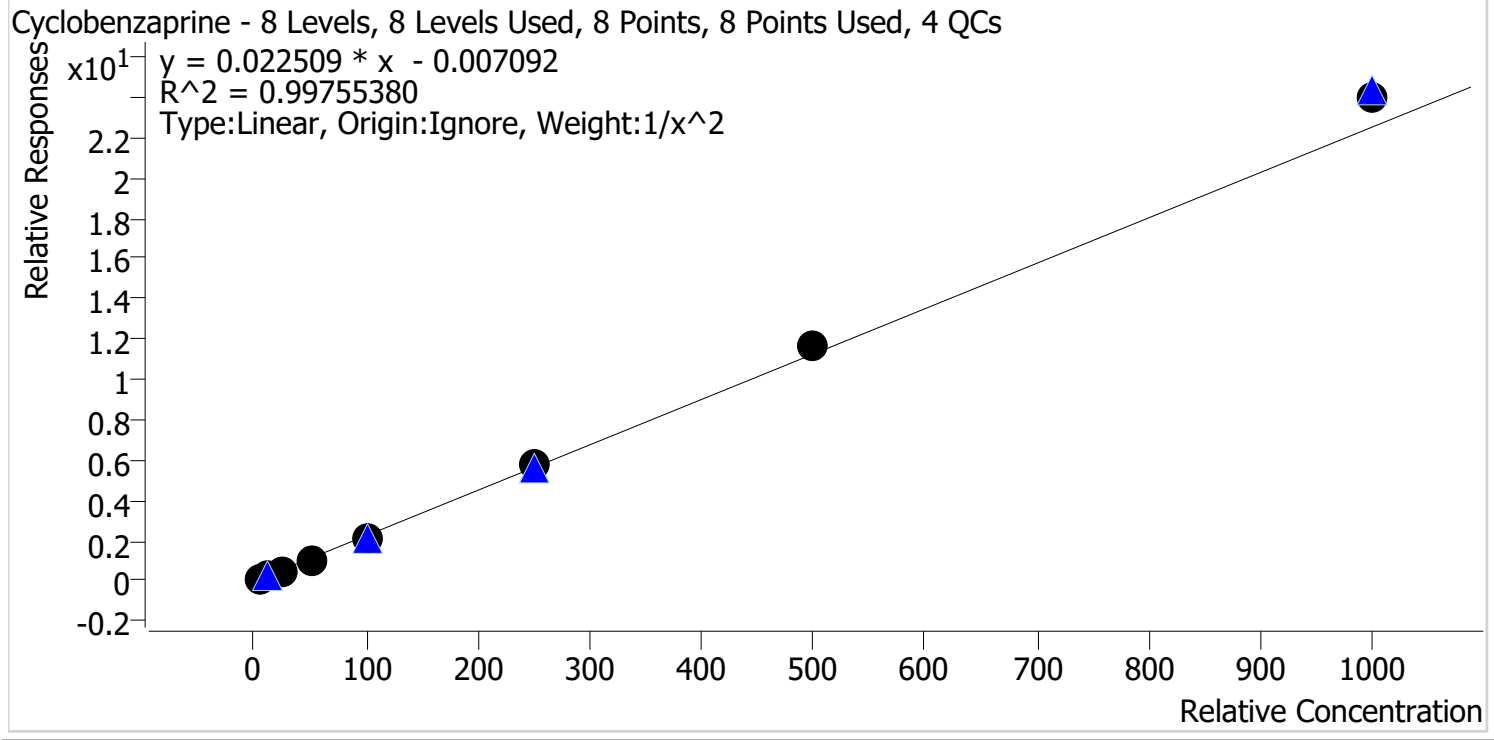
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	28.3	113.4
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	229.4	91.8
p1 Cal 7-500ng	7	✓	500.0	419.1	83.8
p1 Cal 8-1000ng	8	✗	1000.0	659.1	65.9

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



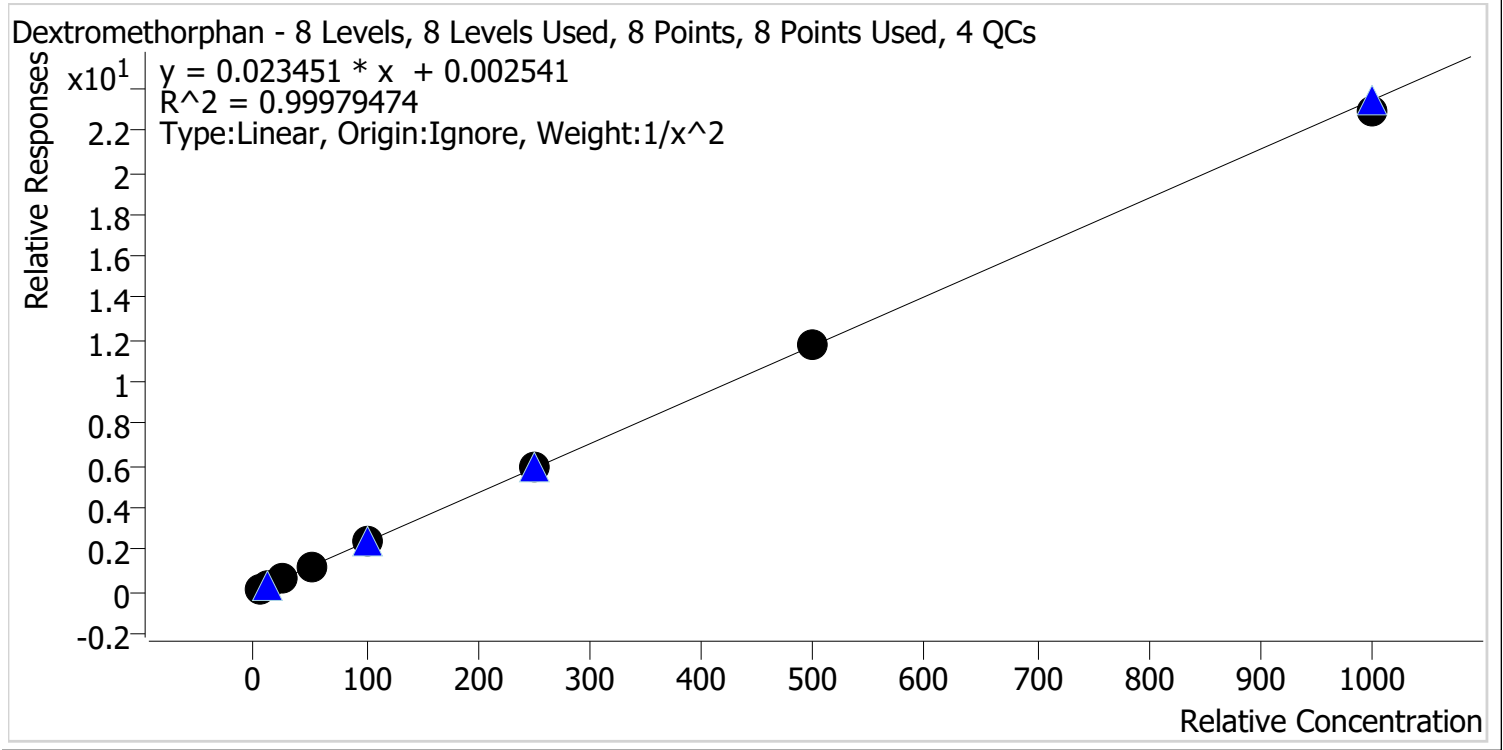
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	519.4	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1067.3	106.7

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3



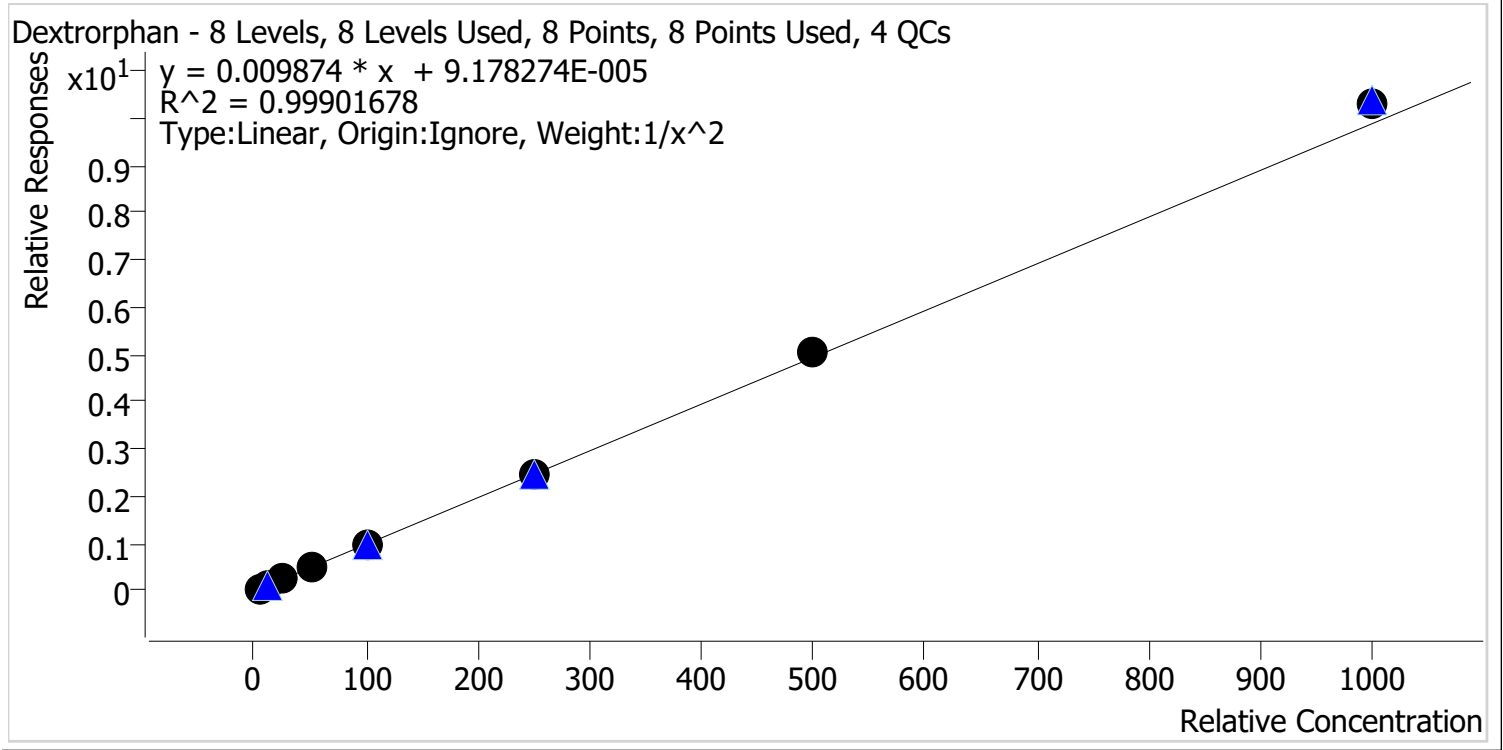
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	980.6	98.1

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Dextrophan **Internal Standard** Dextrophan-D3



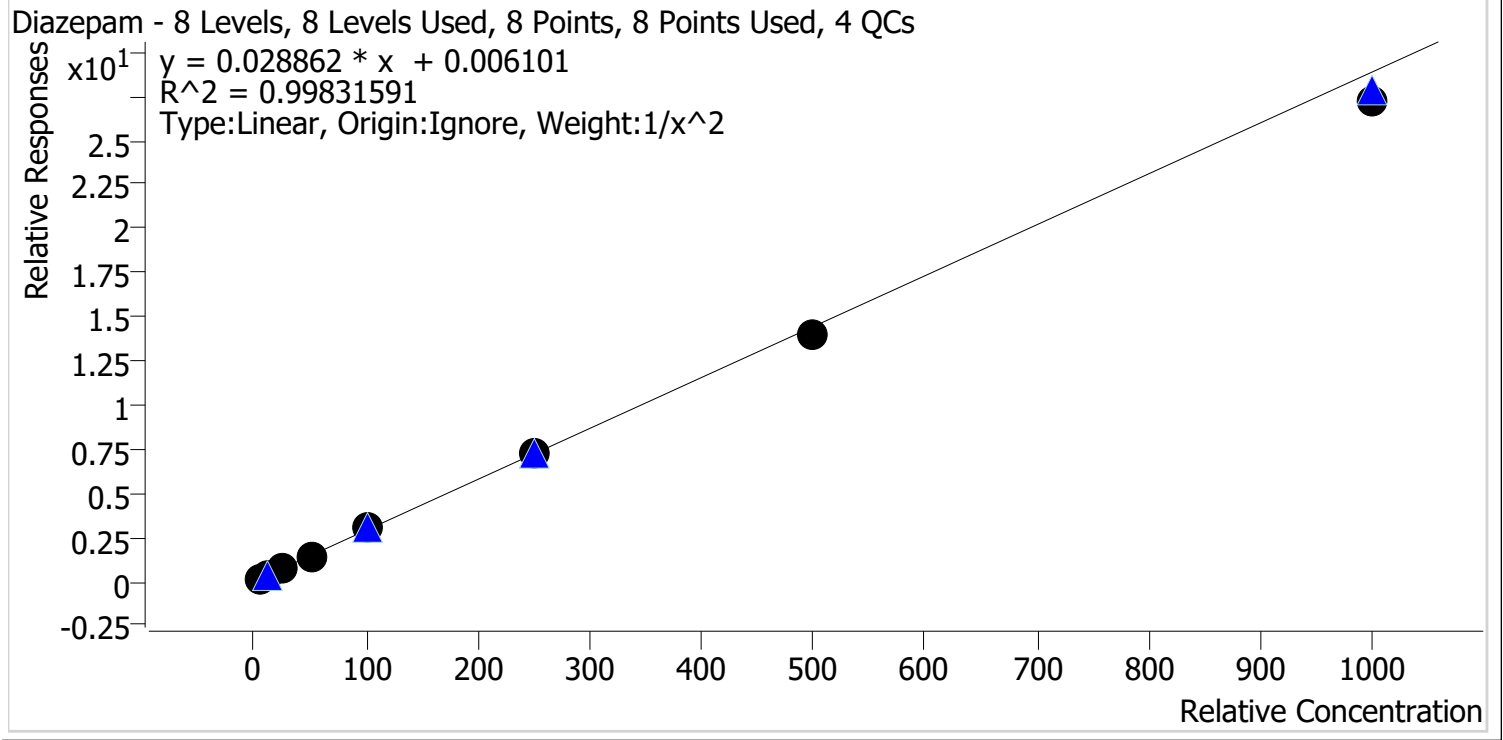
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1045.7	104.6

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



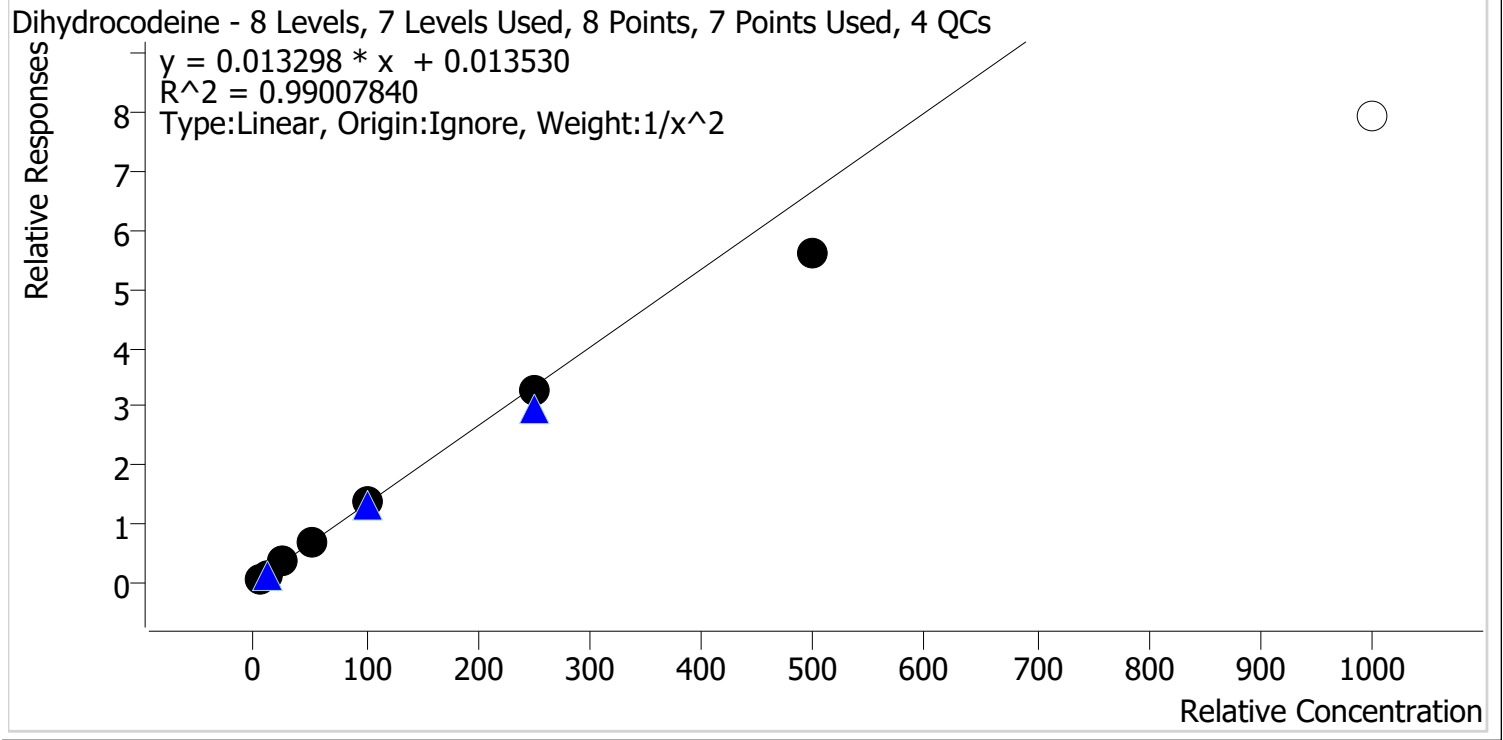
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	480.6	96.1
p1 Cal 8-1000ng	8	✓	1000.0	942.3	94.2

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



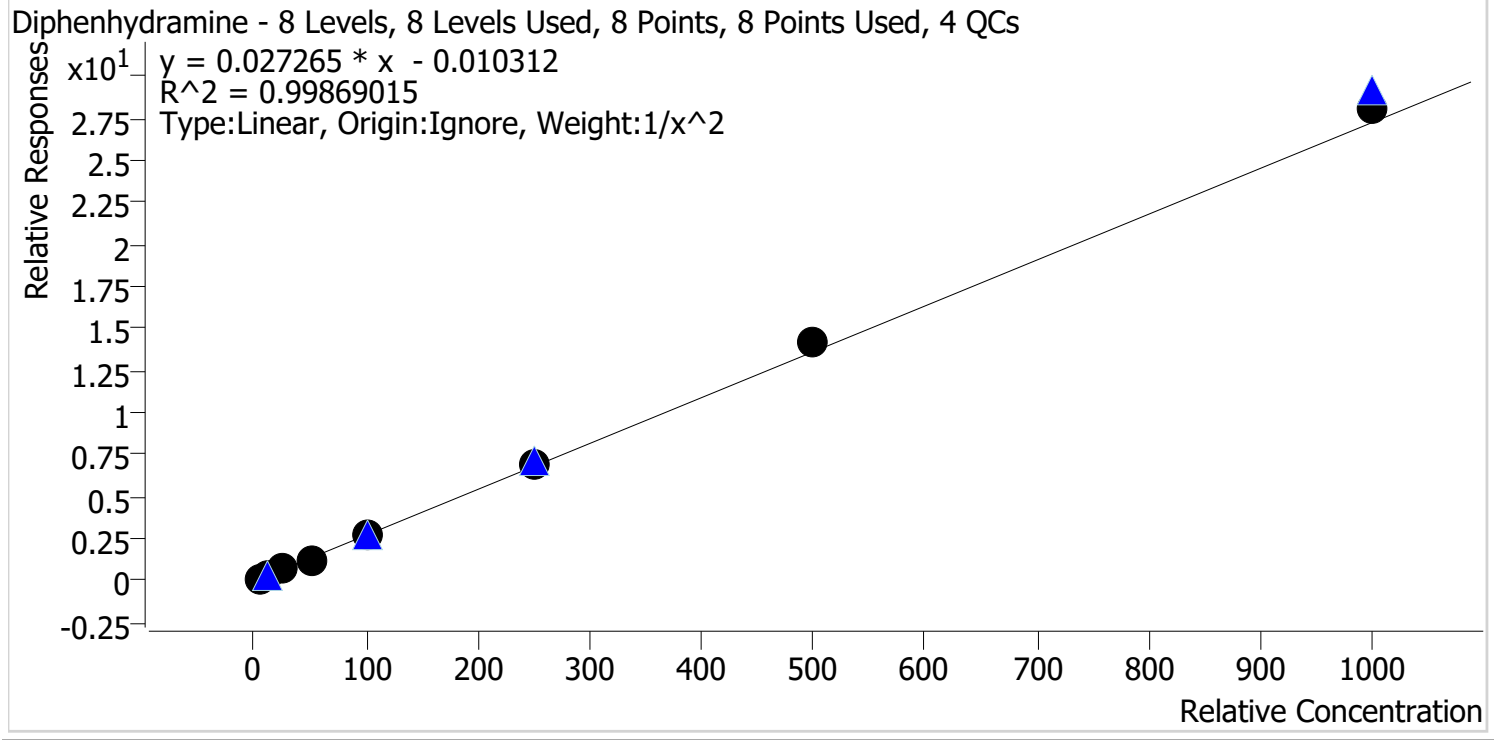
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	244.9	97.9
p1 Cal 7-500ng	7	✓	500.0	418.7	83.7
p1 Cal 8-1000ng	8	✗	1000.0	594.3	59.4

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1033.0	103.3

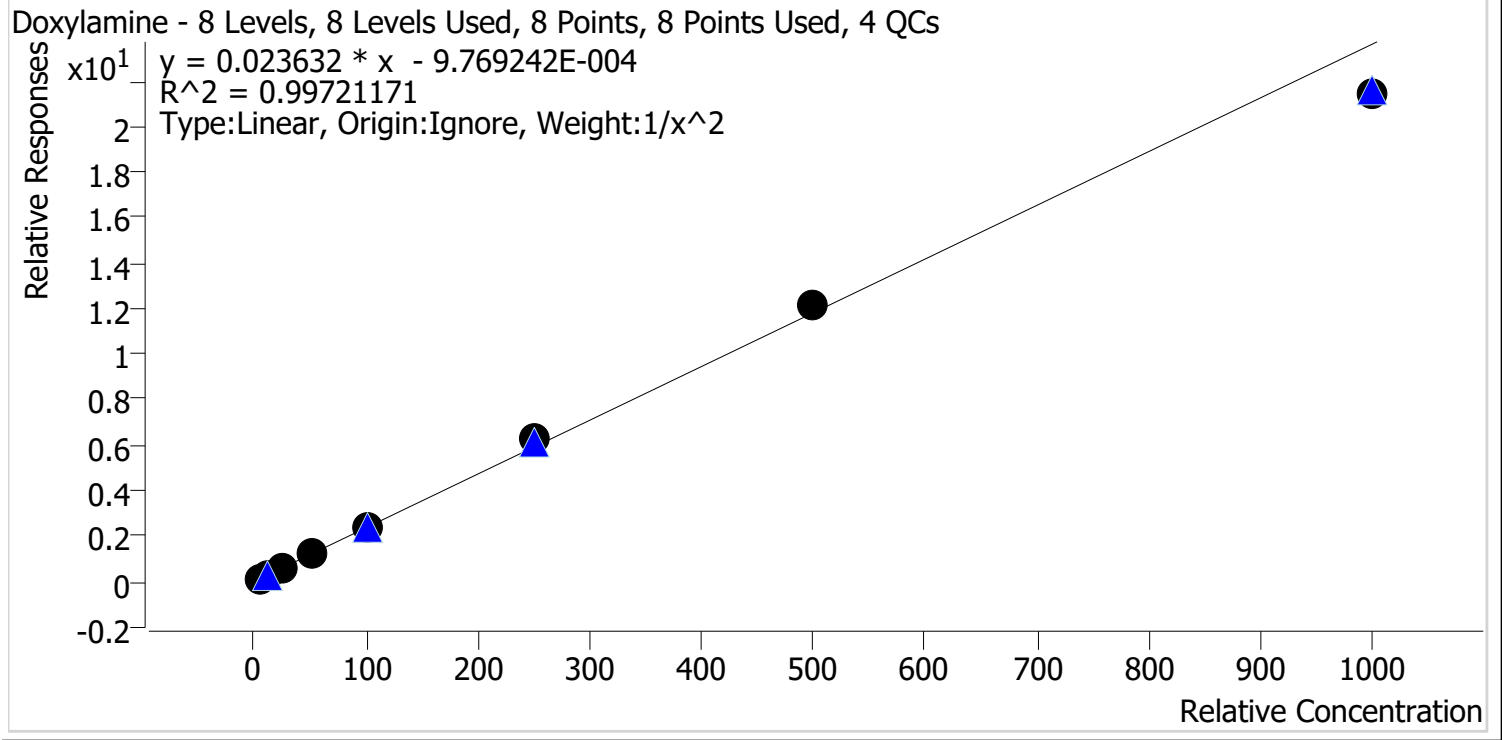


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5



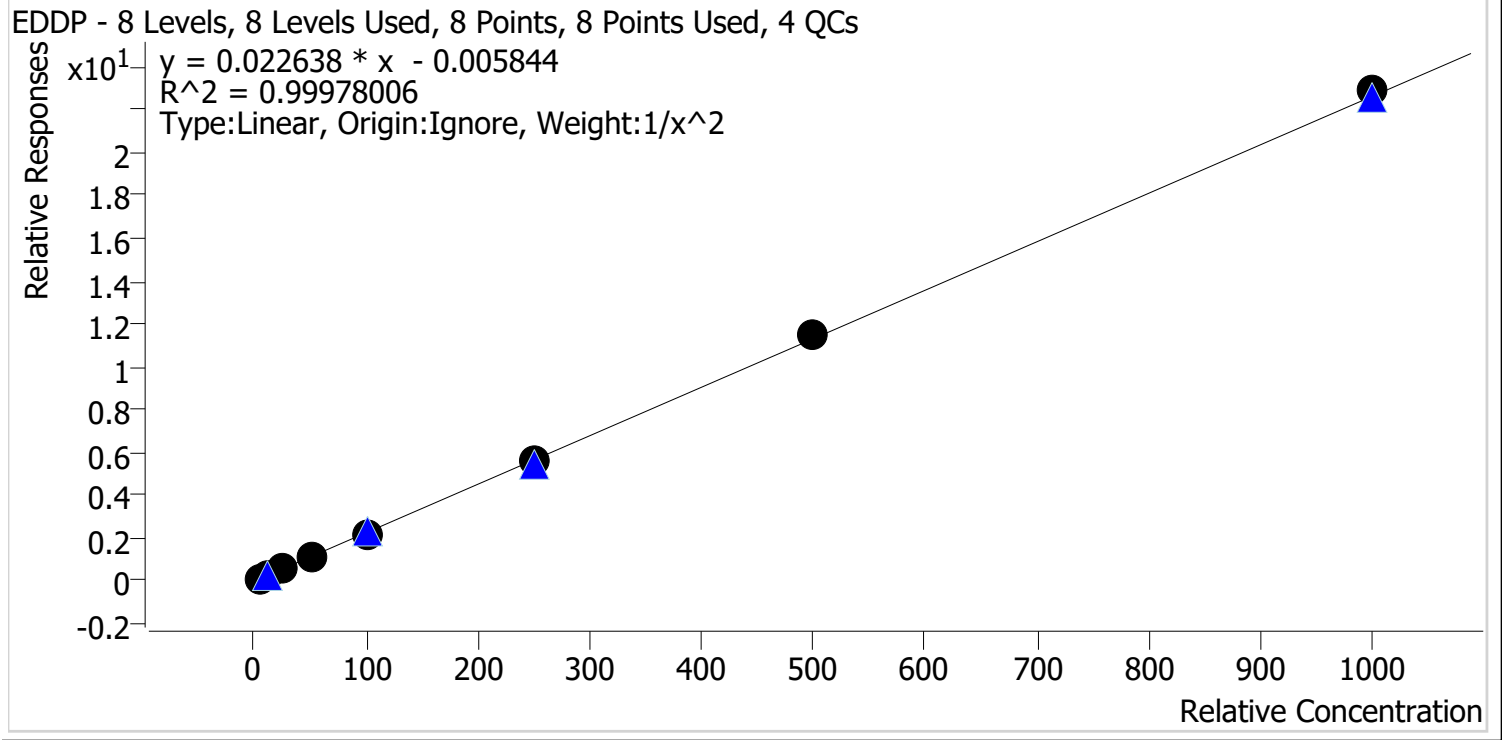
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	265.5	106.2
p1 Cal 7-500ng	7	✓	500.0	516.0	103.2
p1 Cal 8-1000ng	8	✓	1000.0	905.2	90.5

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte EDDP Internal Standard EDDP-D3



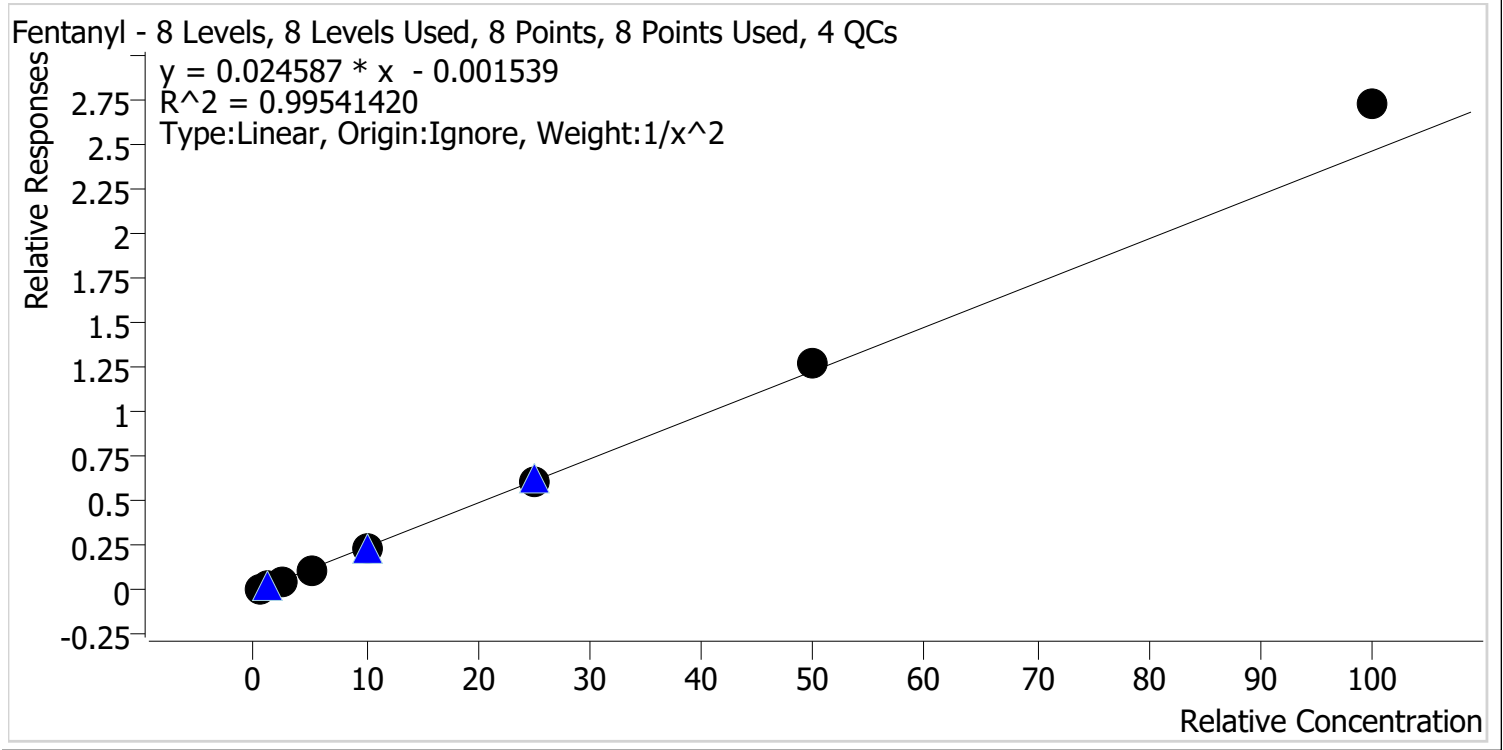
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1011.9	101.2

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5



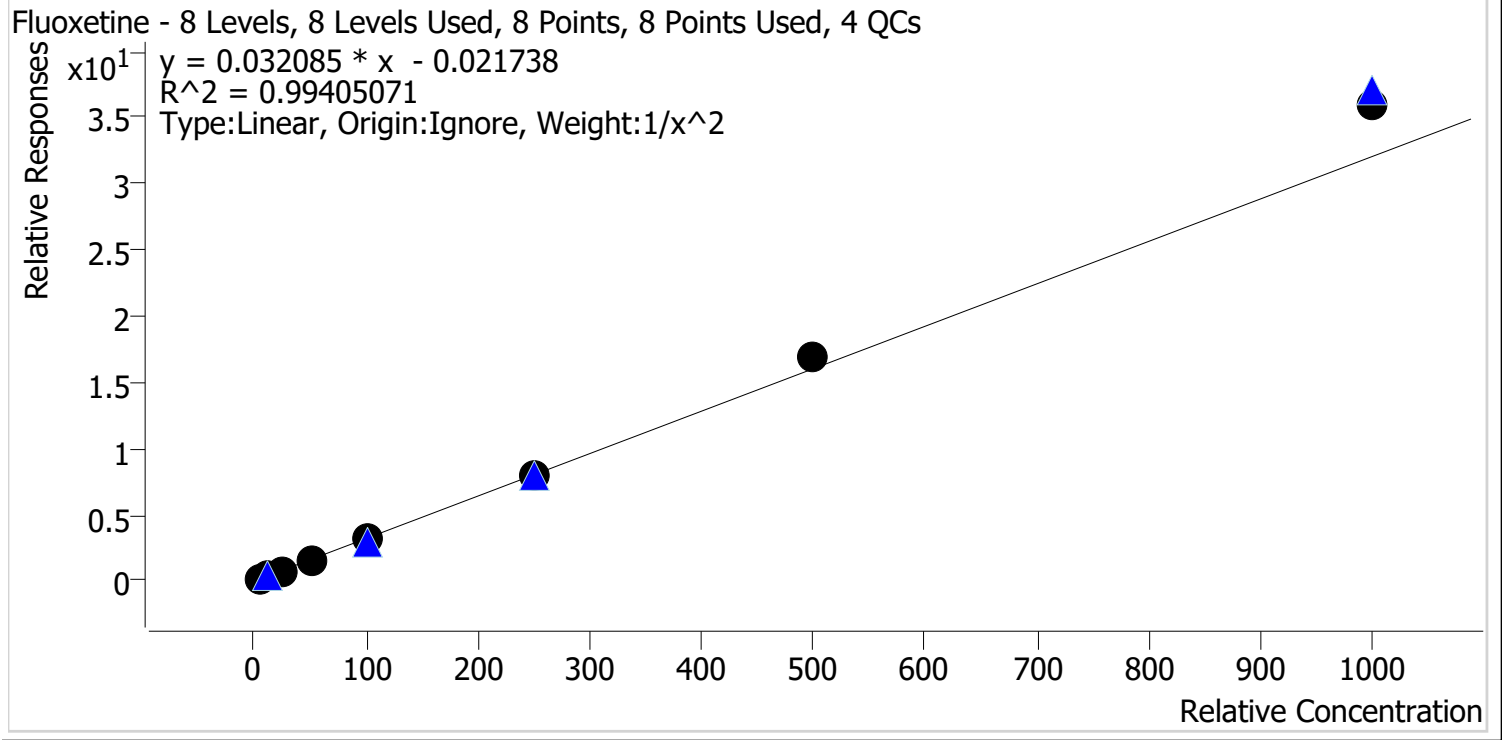
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.9
p1 Cal 2-10ng	2	✓	1.0	0.9	94.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.5
p1 Cal 4-50ng	4	✓	5.0	4.6	92.9
p1 Cal 5-100ng	5	✓	10.0	9.7	96.5
p1 Cal 6-250ng	6	✓	25.0	24.9	99.5
p1 Cal 7-500ng	7	✓	50.0	52.0	104.0
p1 Cal 8-1000ng	8	✓	100.0	110.8	110.8

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6



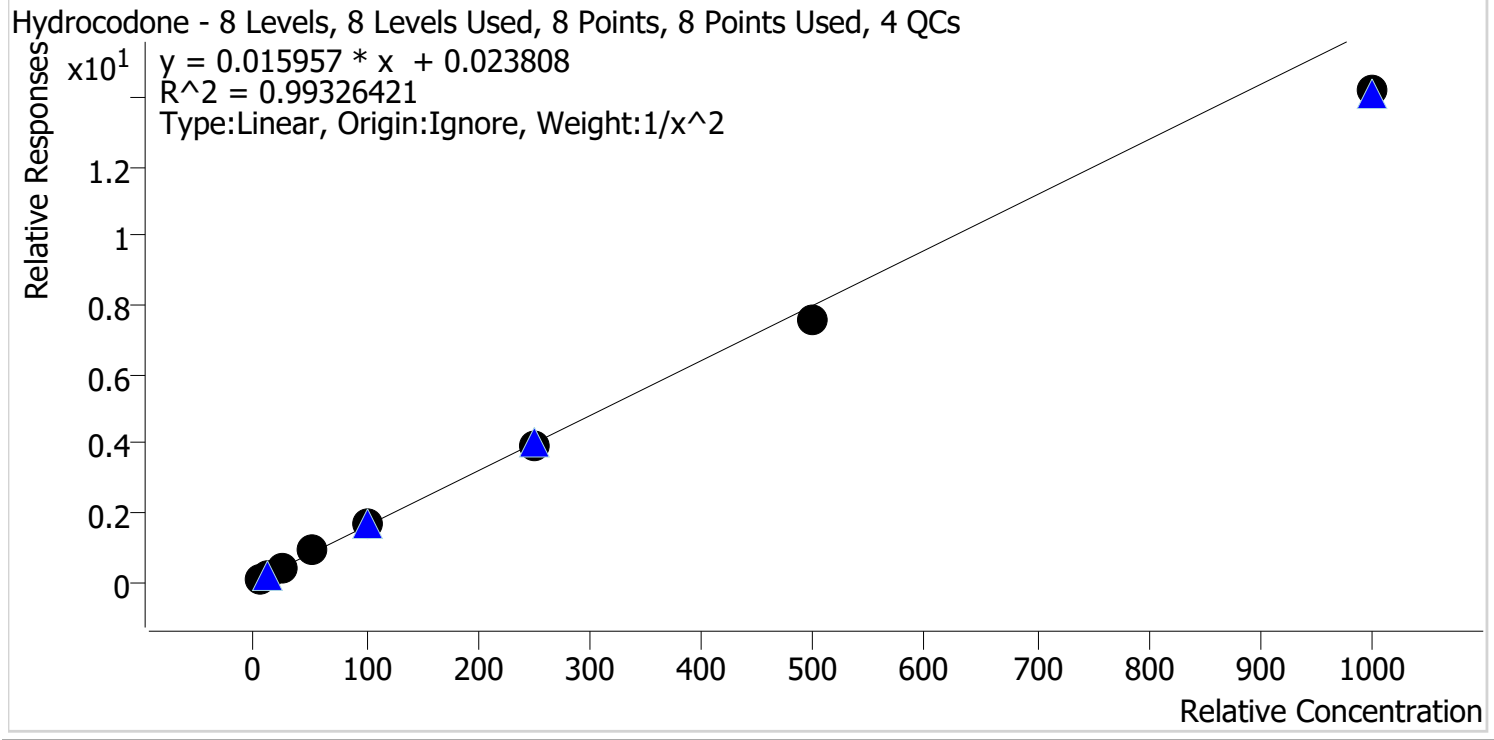
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	45.5	91.1
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	523.7	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1122.6	112.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6



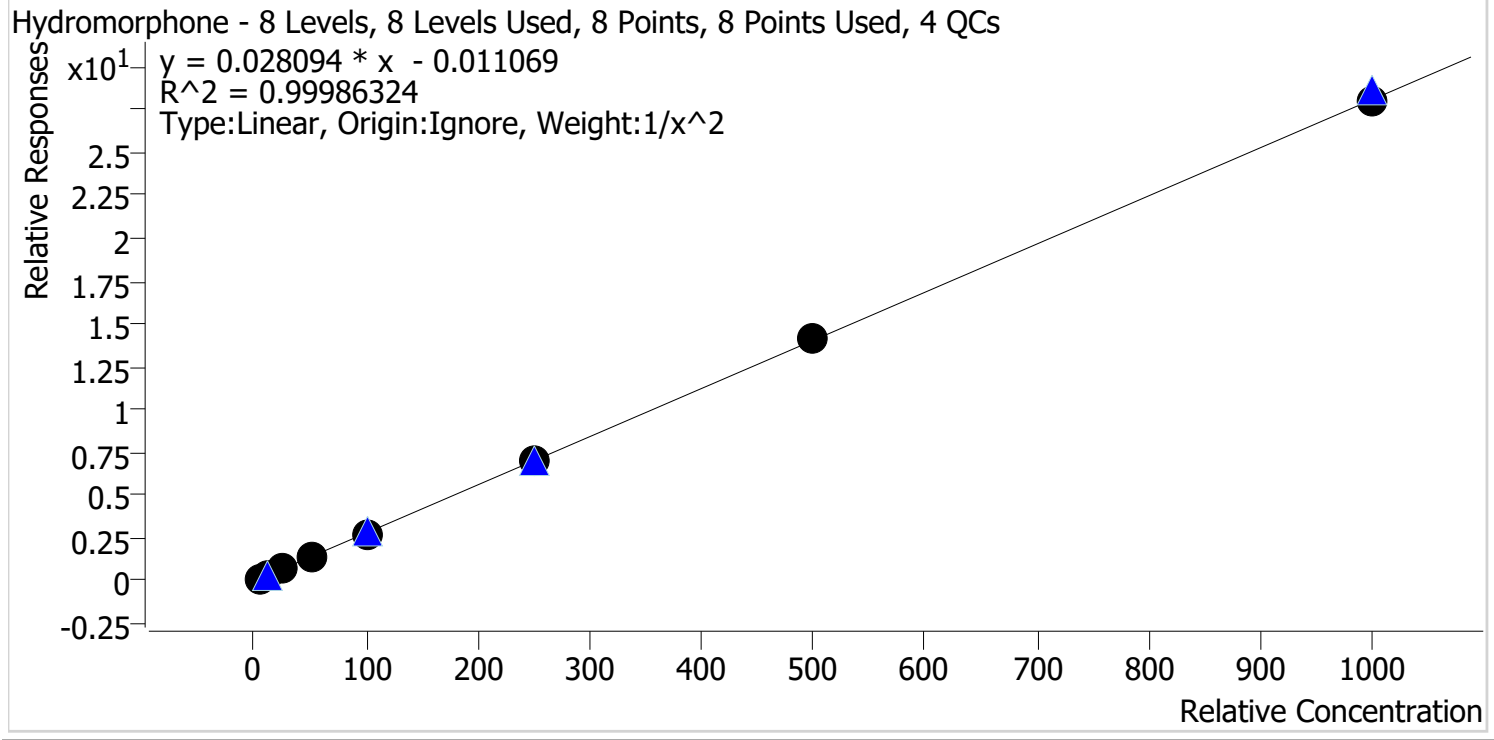
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	470.4	94.1
p1 Cal 8-1000ng	8	✓	1000.0	888.9	88.9

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6



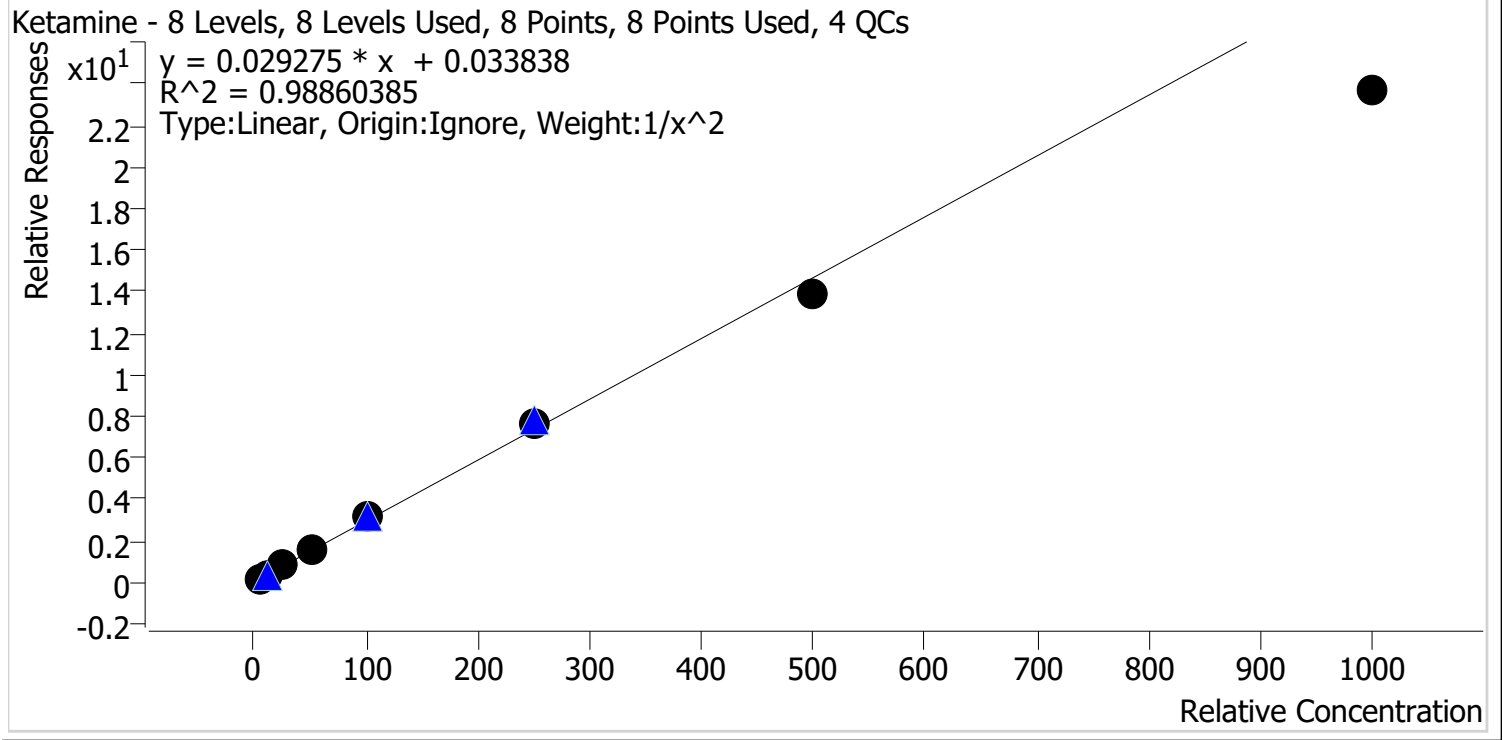
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	999.8	100.0

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



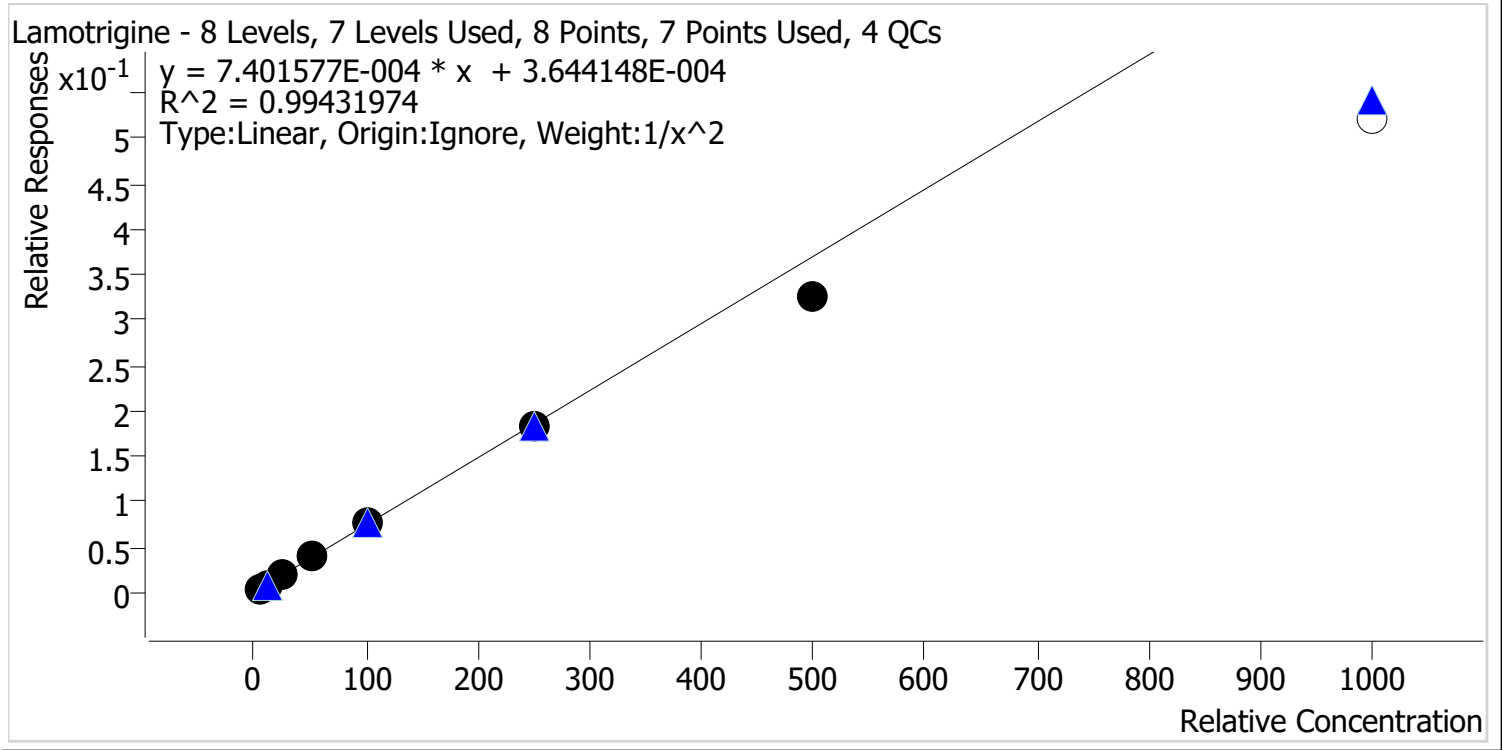
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	108.4	108.4
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	473.0	94.6
p1 Cal 8-1000ng	8	✓	1000.0	807.6	80.8

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	439.5	87.9
p1 Cal 8-1000ng	8	✗	1000.0	705.8	70.6

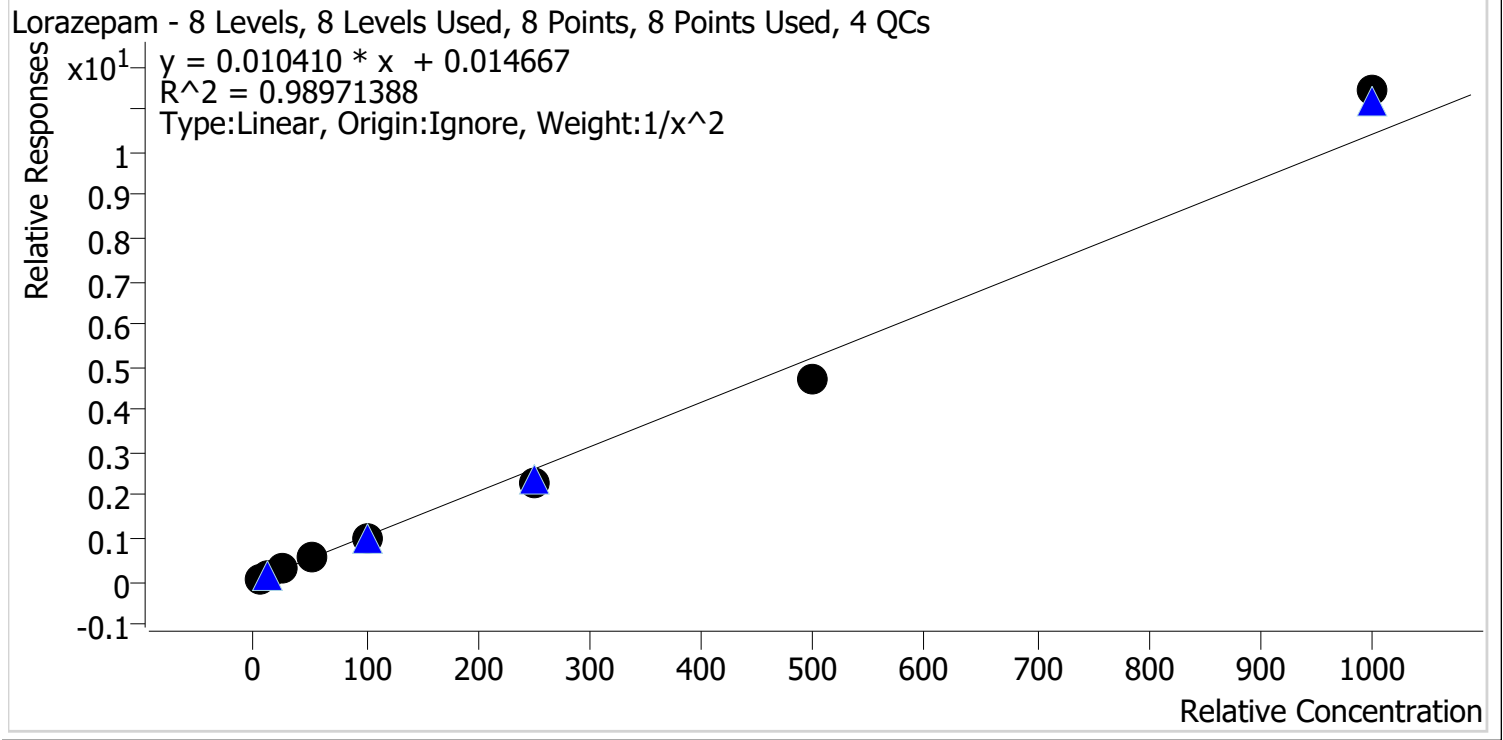


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5



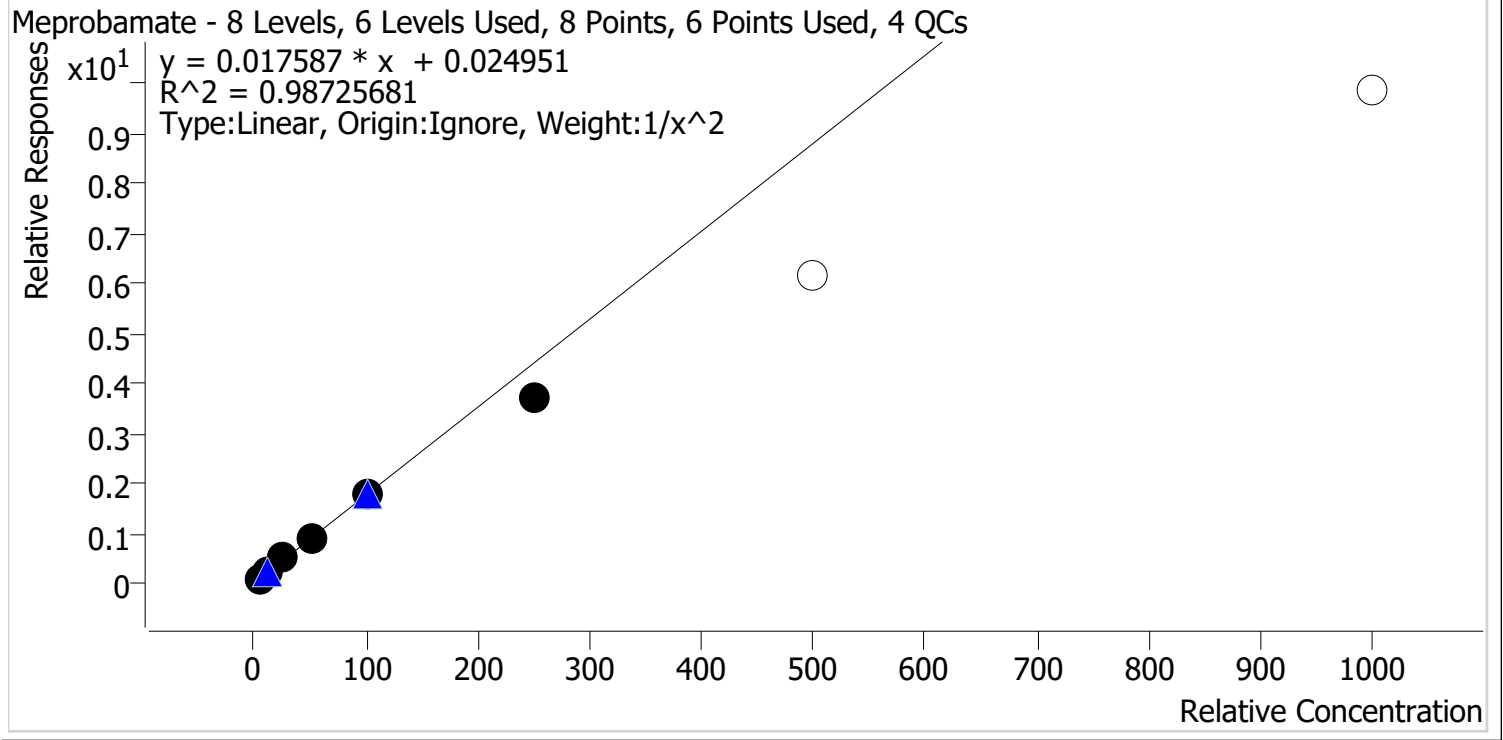
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.9	108.9
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	219.4	87.7
p1 Cal 7-500ng	7	✓	500.0	455.7	91.1
p1 Cal 8-1000ng	8	✓	1000.0	1097.8	109.8

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7



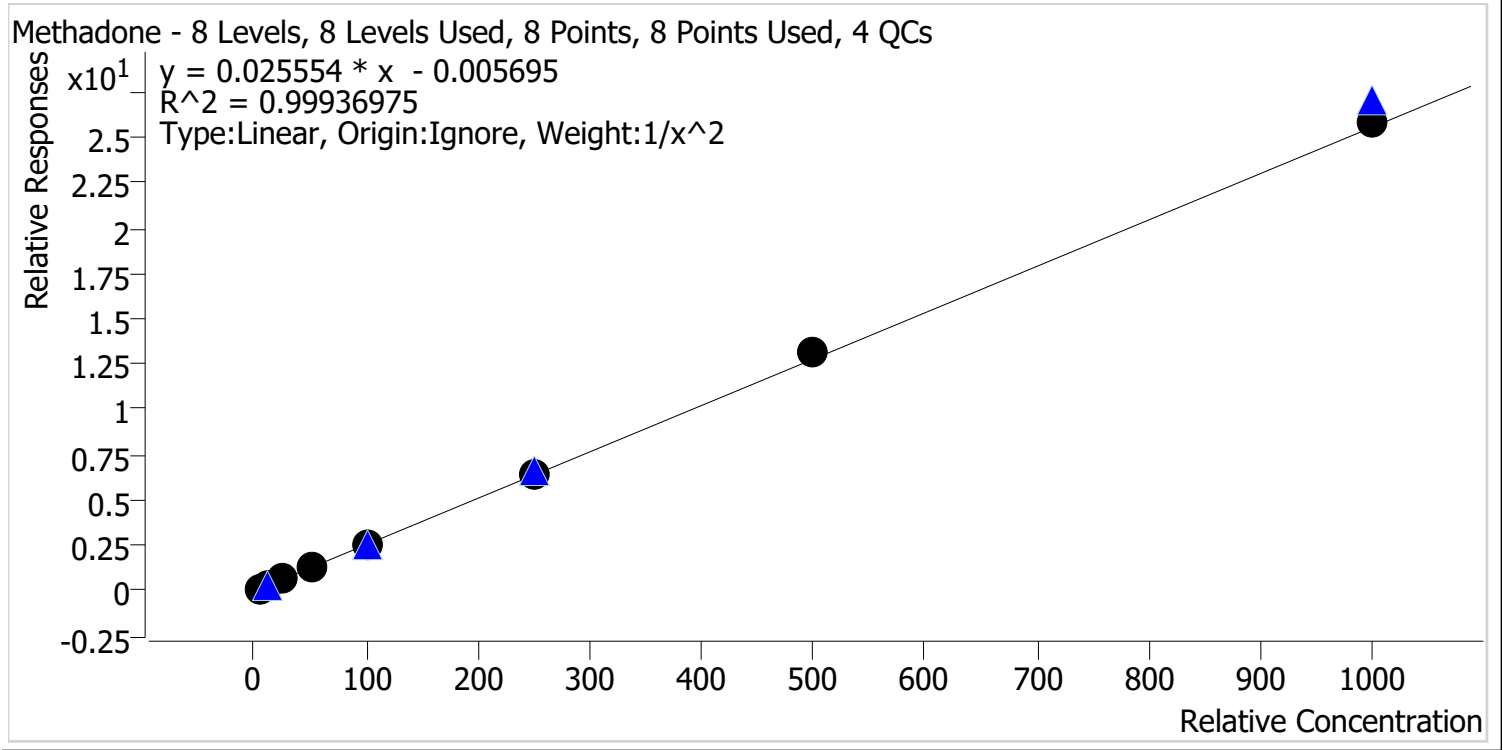
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.4
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	209.5	83.8
p1 Cal 7-500ng	7	x	500.0	347.9	69.6
p1 Cal 8-1000ng	8	x	1000.0	559.9	56.0

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9



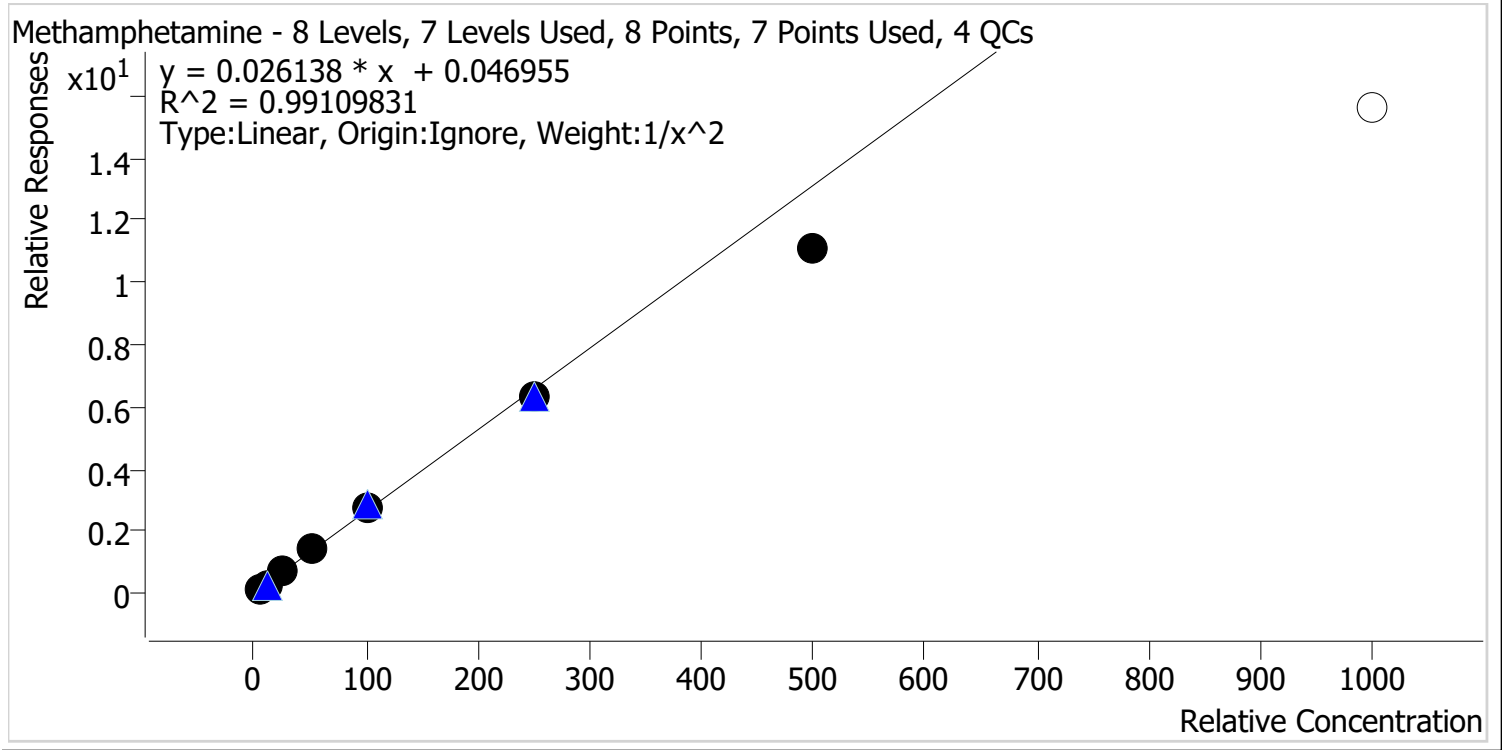
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	515.3	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1012.2	101.2

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11



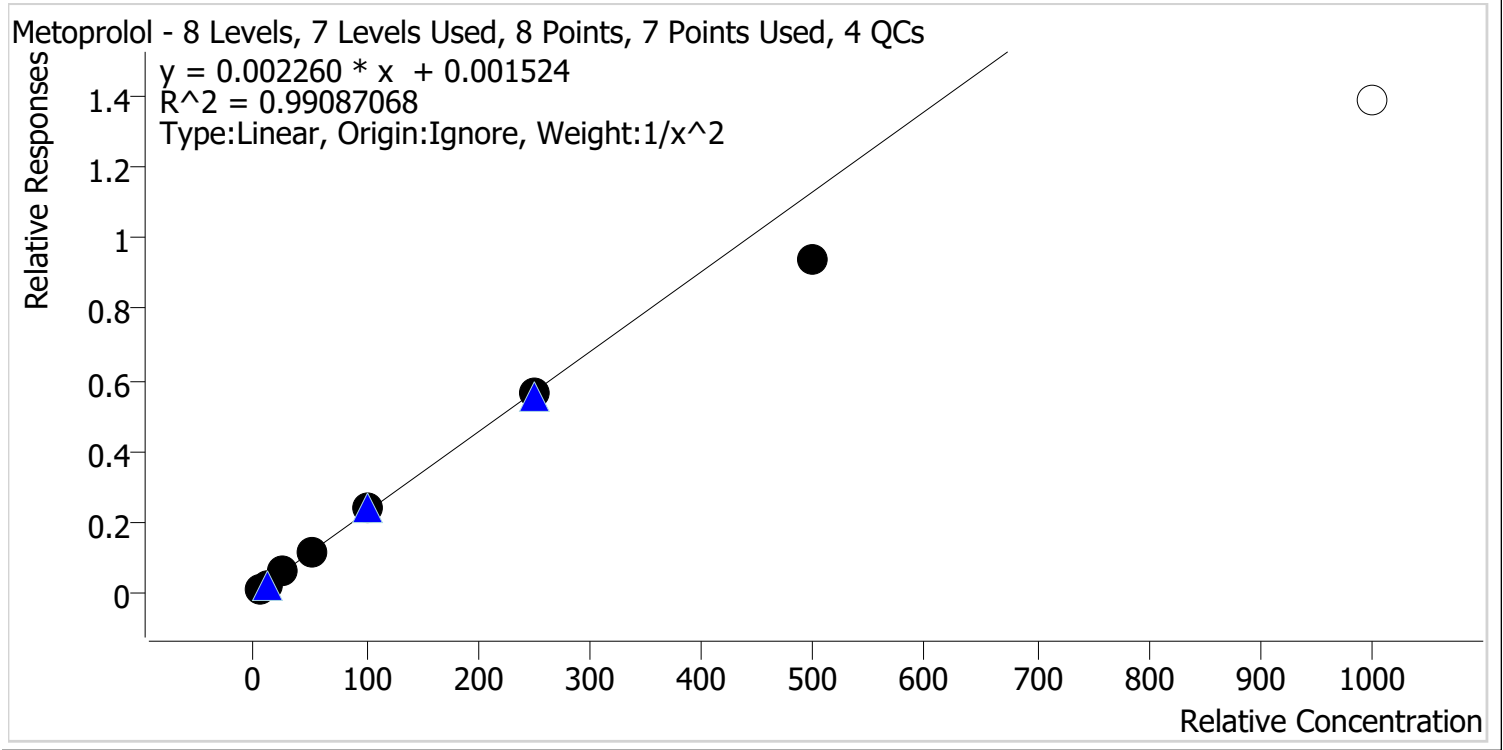
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	424.0	84.8
p1 Cal 8-1000ng	8	✗	1000.0	596.5	59.7

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Metoprolol **Internal Standard** Tramadol-13C-D3



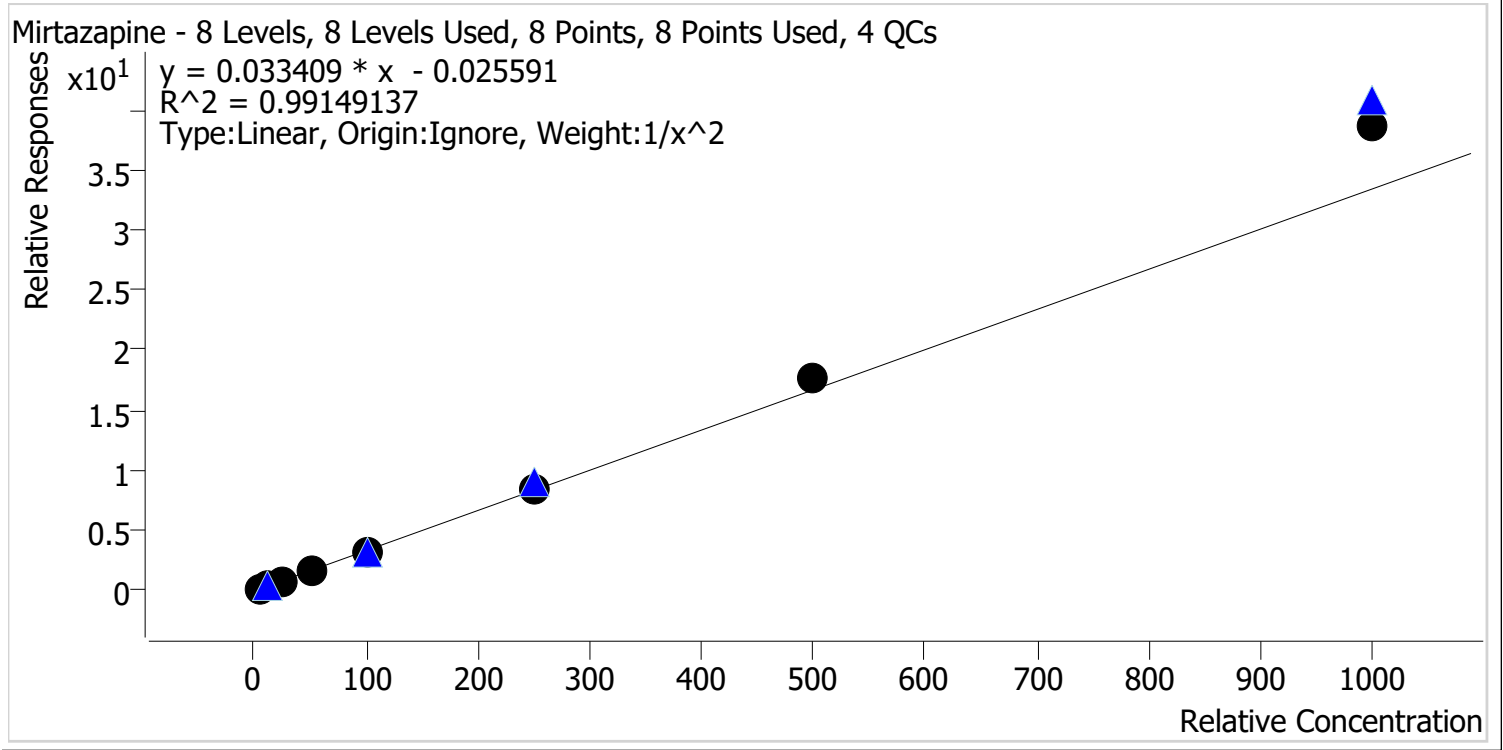
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	107.7	107.7
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	416.8	83.4
p1 Cal 8-1000ng	8	✗	1000.0	613.1	61.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-D8



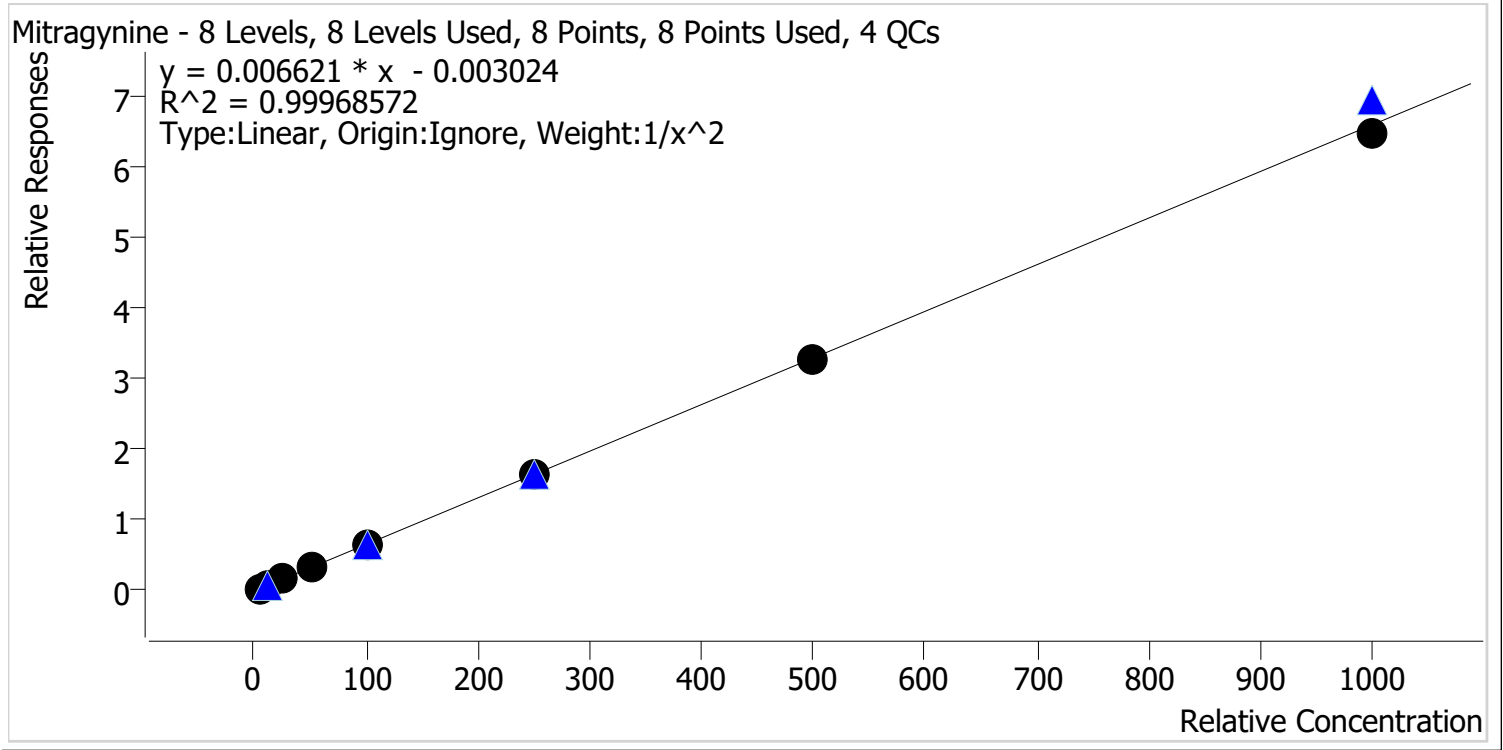
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.7
p1 Cal 4-50ng	4	✓	50.0	46.2	92.4
p1 Cal 5-100ng	5	✓	100.0	94.1	94.1
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	528.9	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1152.6	115.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



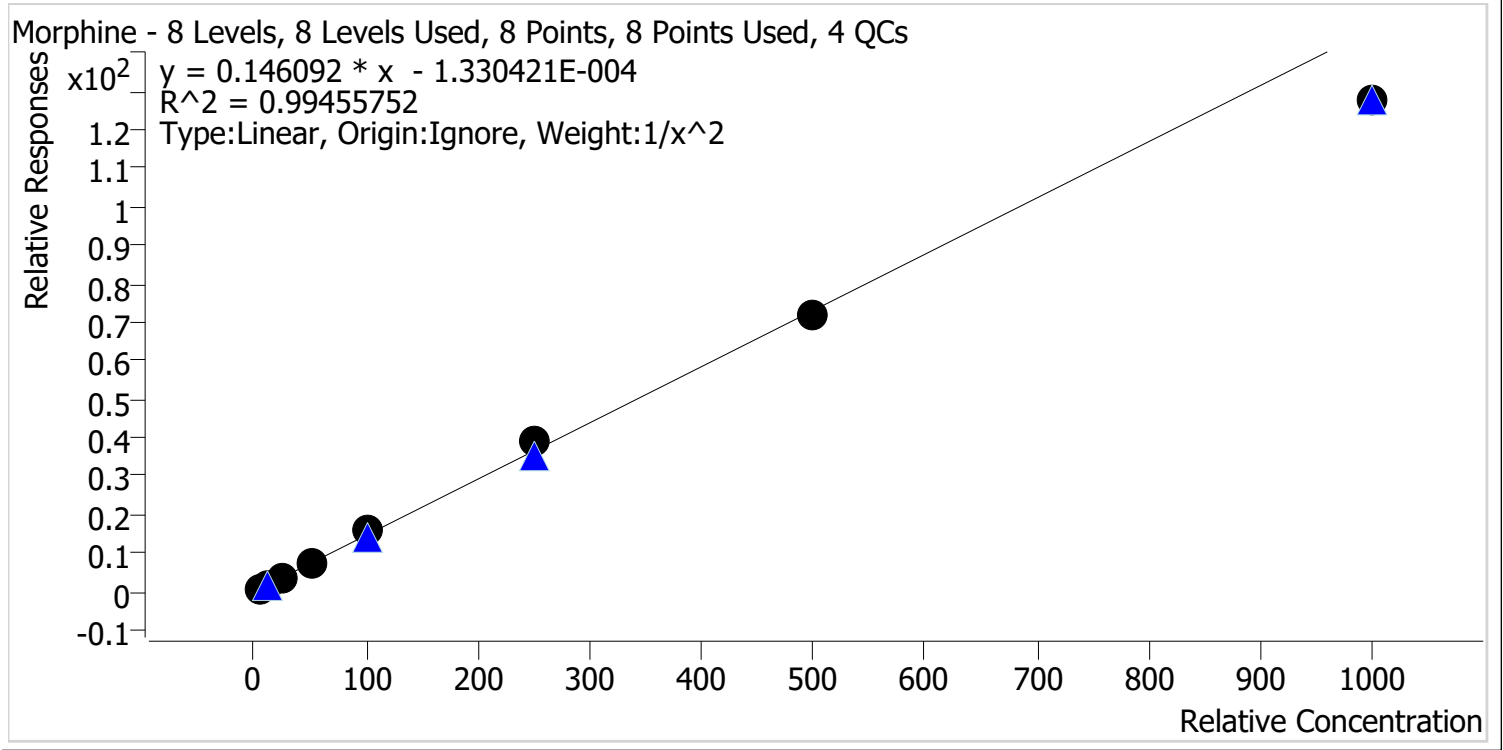
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	494.2	98.8
p1 Cal 8-1000ng	8	✓	1000.0	982.1	98.2

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	269.6	107.9
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	871.0	87.1

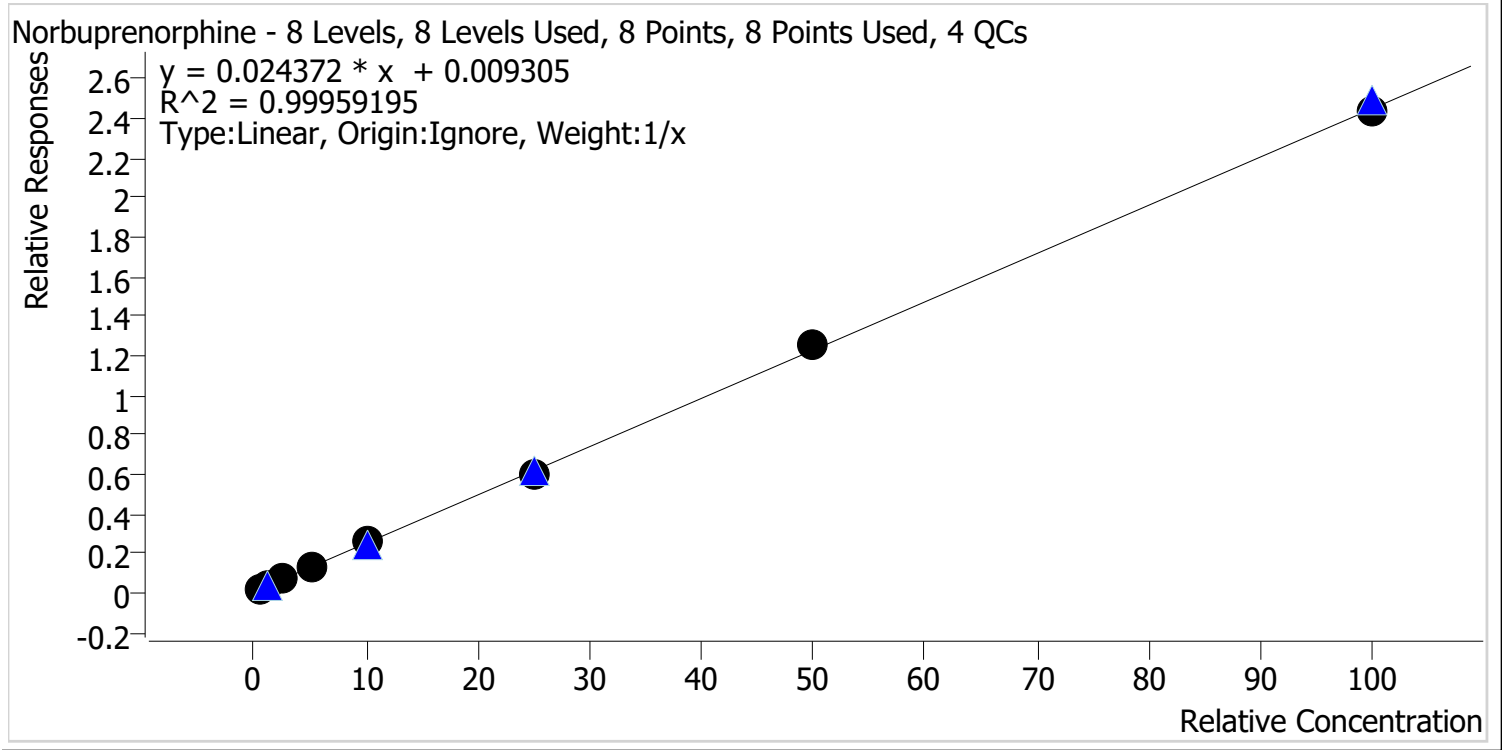


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



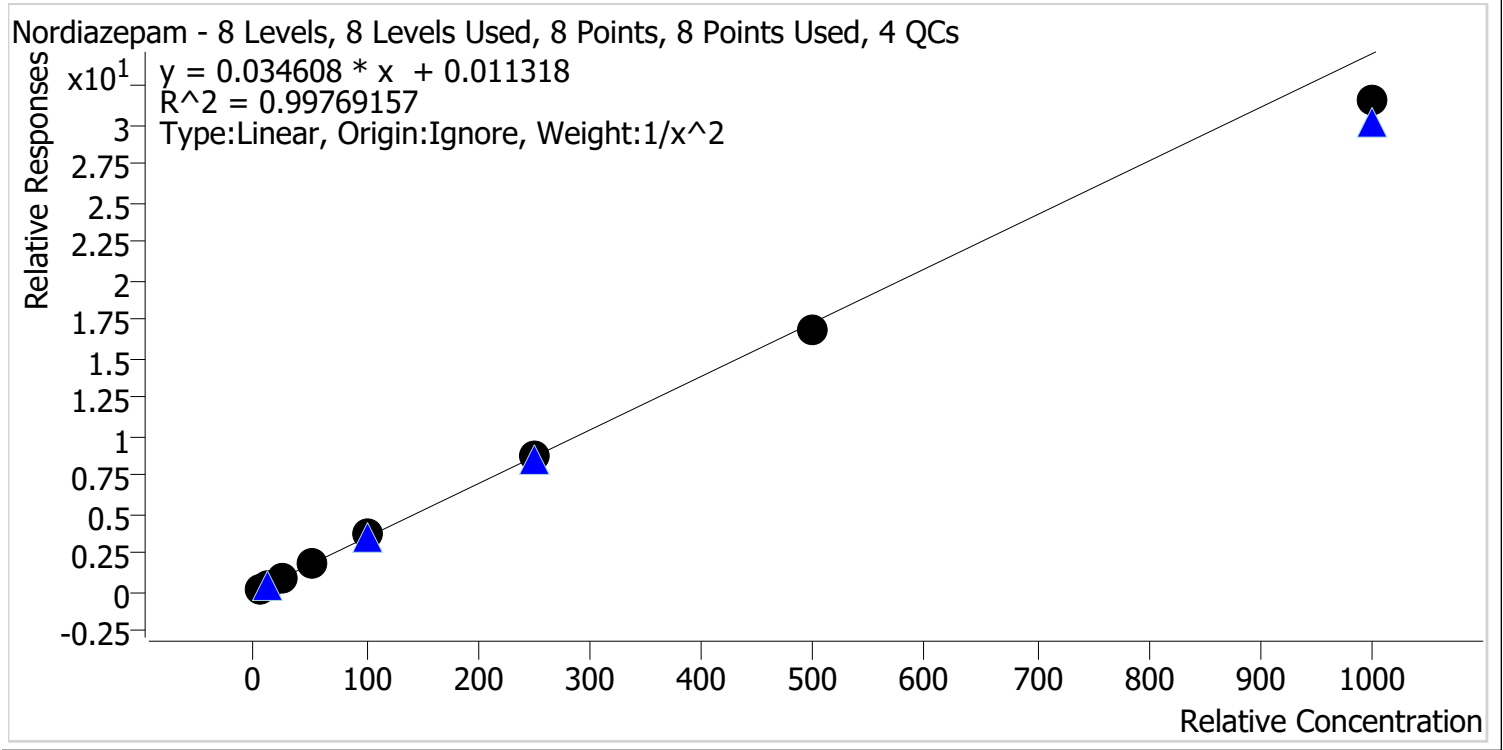
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	111.2
p1 Cal 2-10ng	2	✓	1.0	0.9	95.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	98.0
p1 Cal 4-50ng	4	✓	5.0	4.8	95.3
p1 Cal 5-100ng	5	✓	10.0	10.1	101.4
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	51.2	102.3
p1 Cal 8-1000ng	8	✓	100.0	99.7	99.7

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Nordiazepam **Internal Standard** Nordiazepam-D5



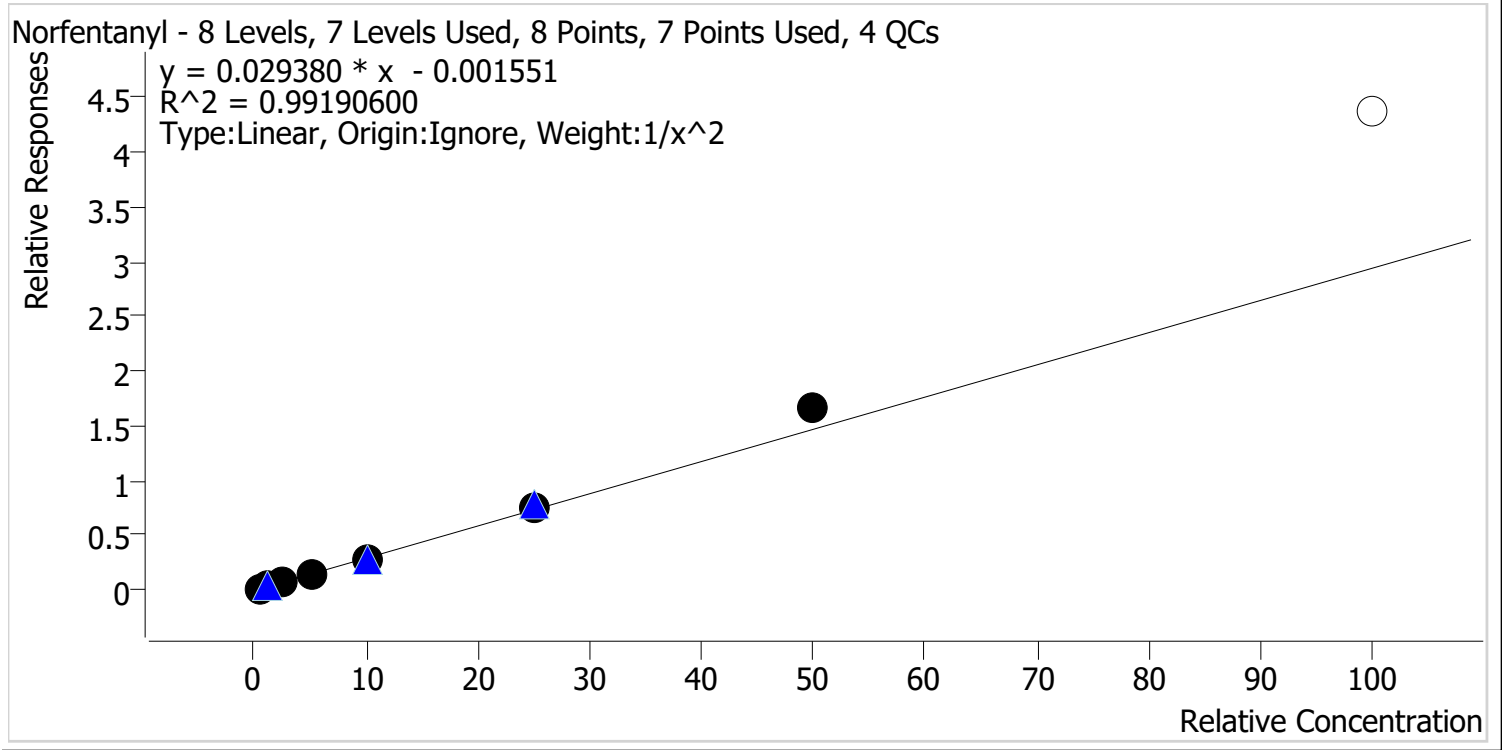
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	254.6	101.9
p1 Cal 7-500ng	7	✓	500.0	488.5	97.7
p1 Cal 8-1000ng	8	✓	1000.0	912.6	91.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Norfentanyl **Internal Standard** Norfentanyl-D5



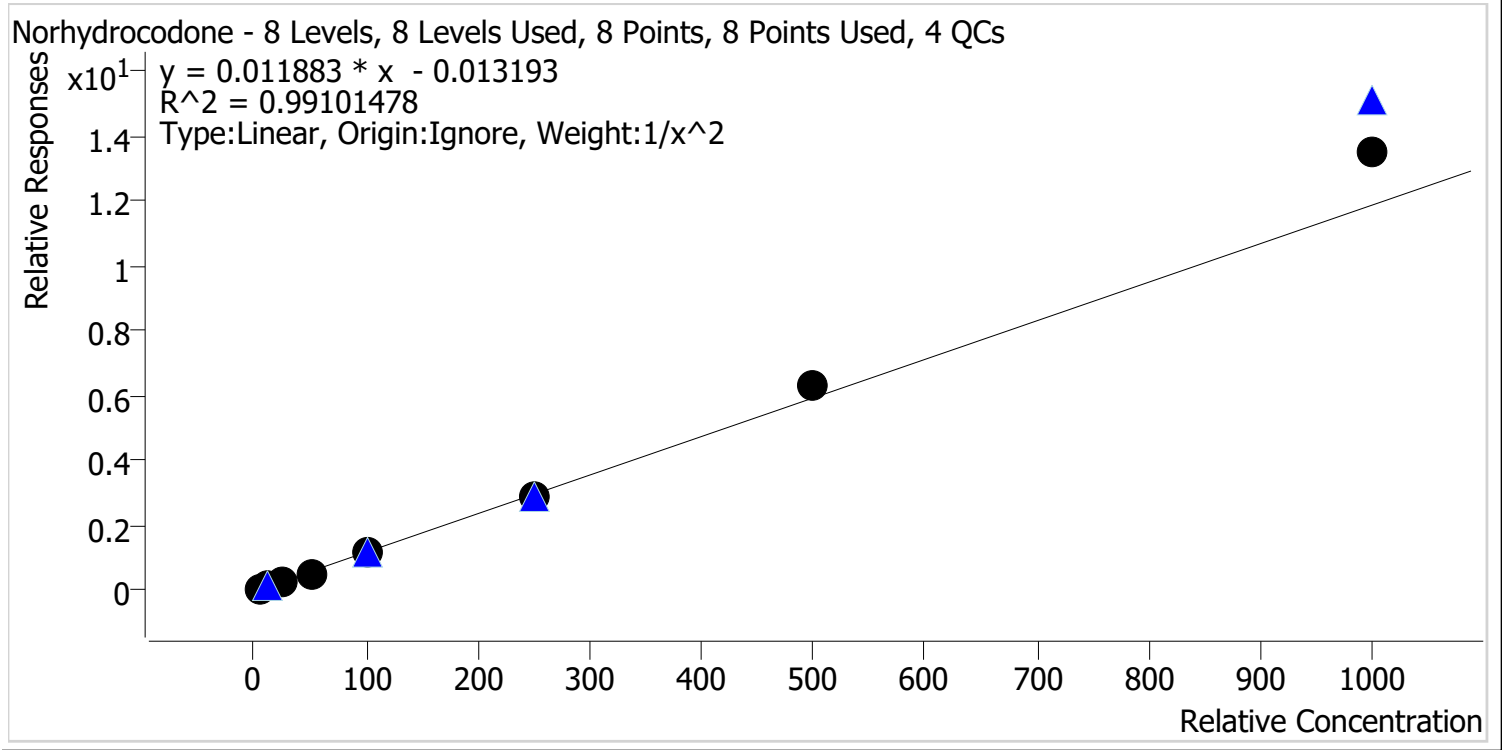
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.5
p1 Cal 4-50ng	4	✓	5.0	4.5	90.5
p1 Cal 5-100ng	5	✓	10.0	9.7	97.1
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	57.1	114.3
p1 Cal 8-1000ng	8	✗	100.0	148.5	148.5

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3



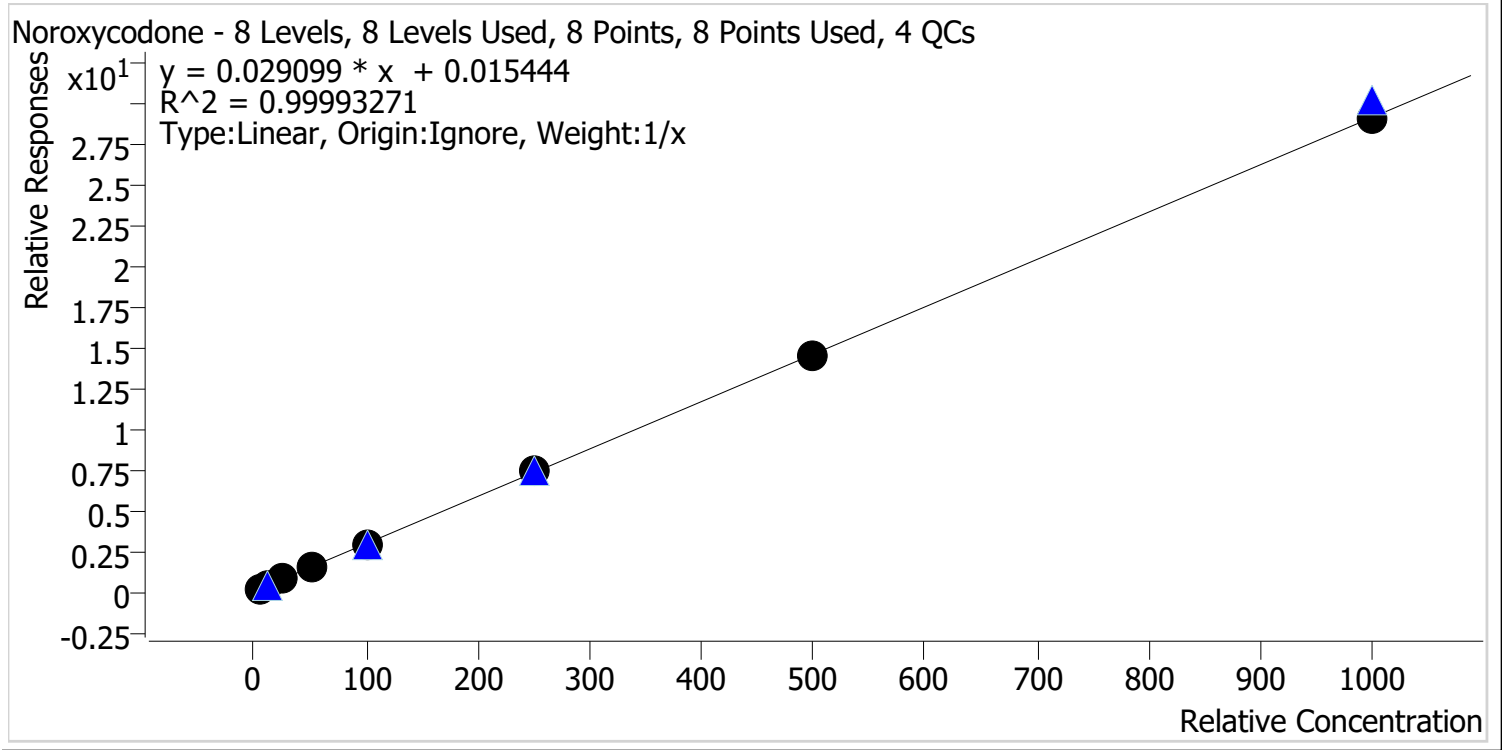
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.4
p1 Cal 2-10ng	2	✓	10.0	9.3	92.7
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.7
p1 Cal 4-50ng	4	✓	50.0	47.0	93.9
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	530.5	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1134.5	113.5

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



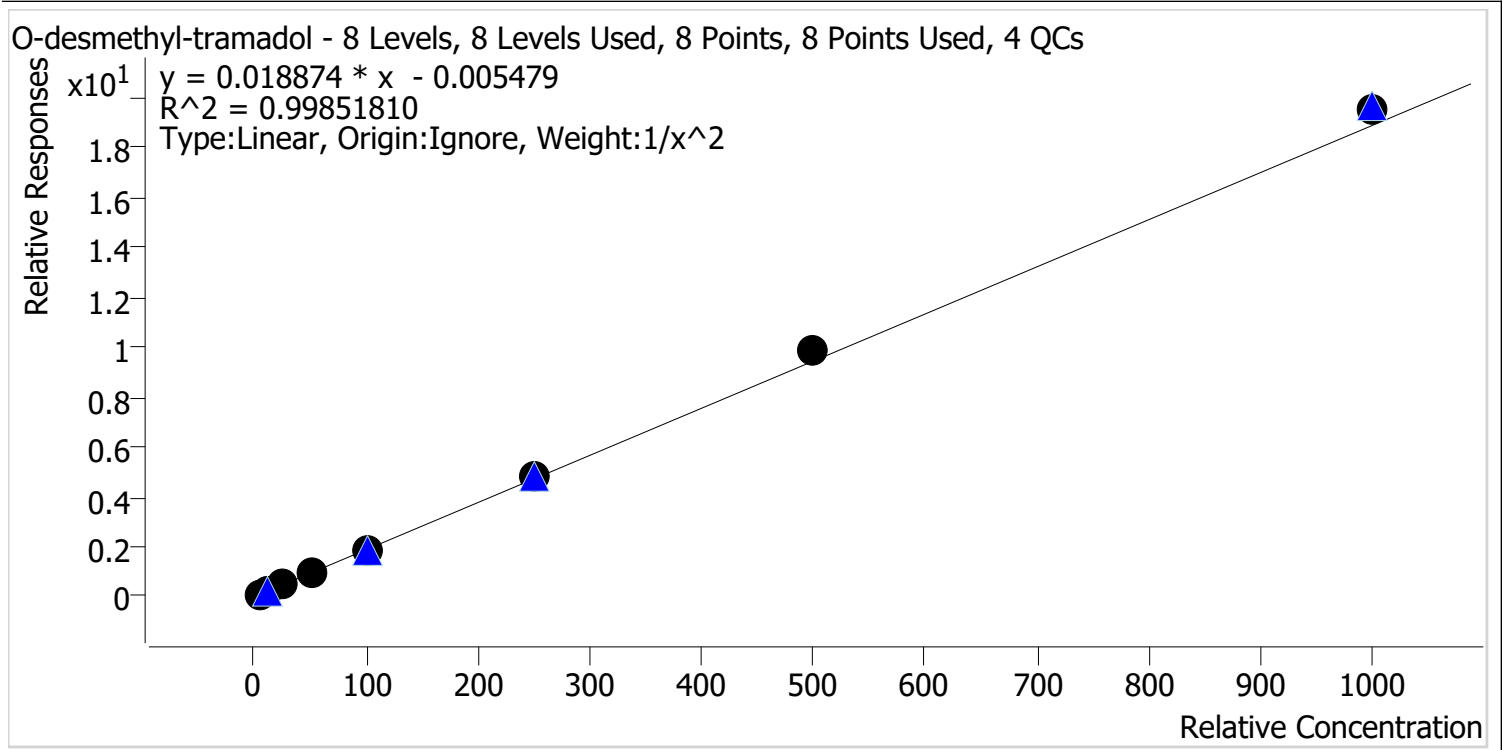
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	998.4	99.8

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



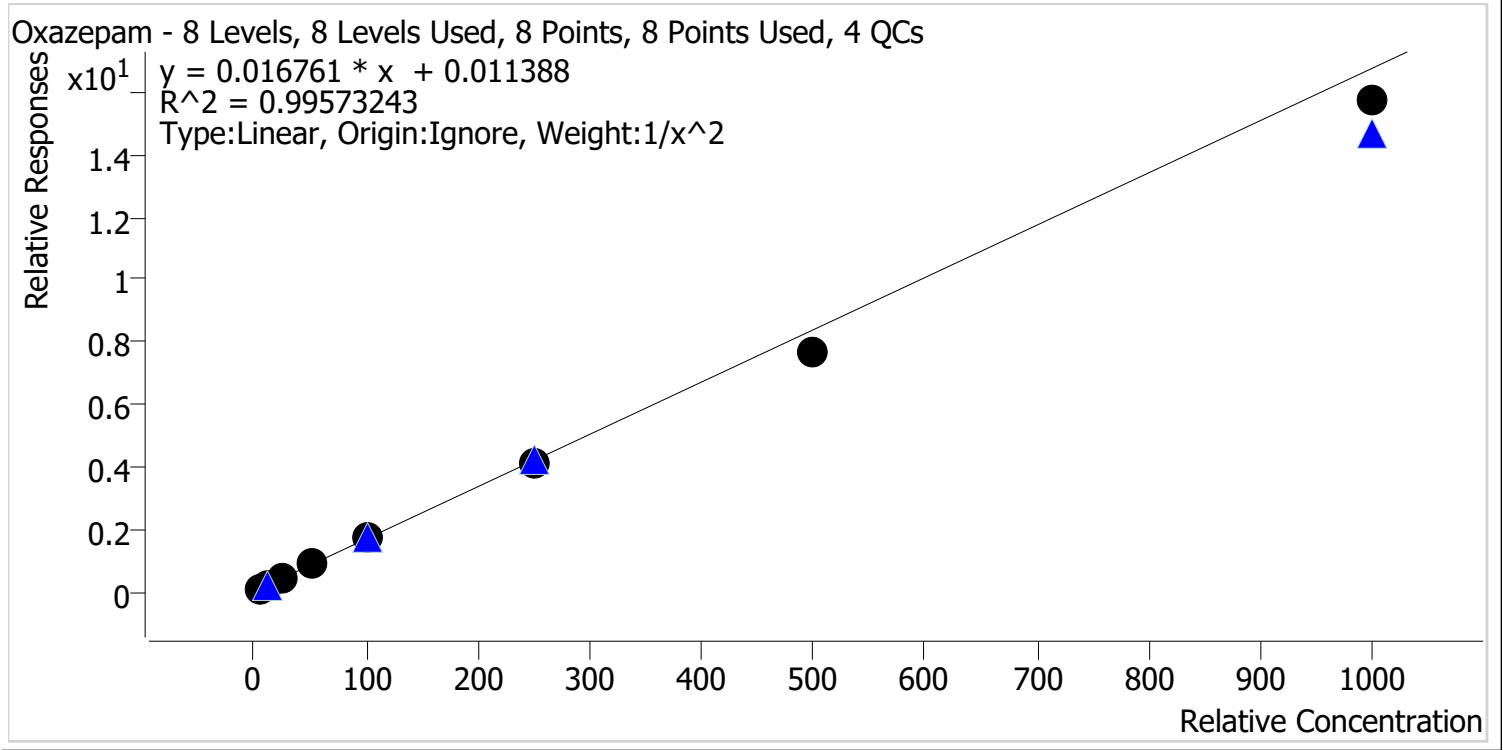
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	521.6	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1032.1	103.2

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5



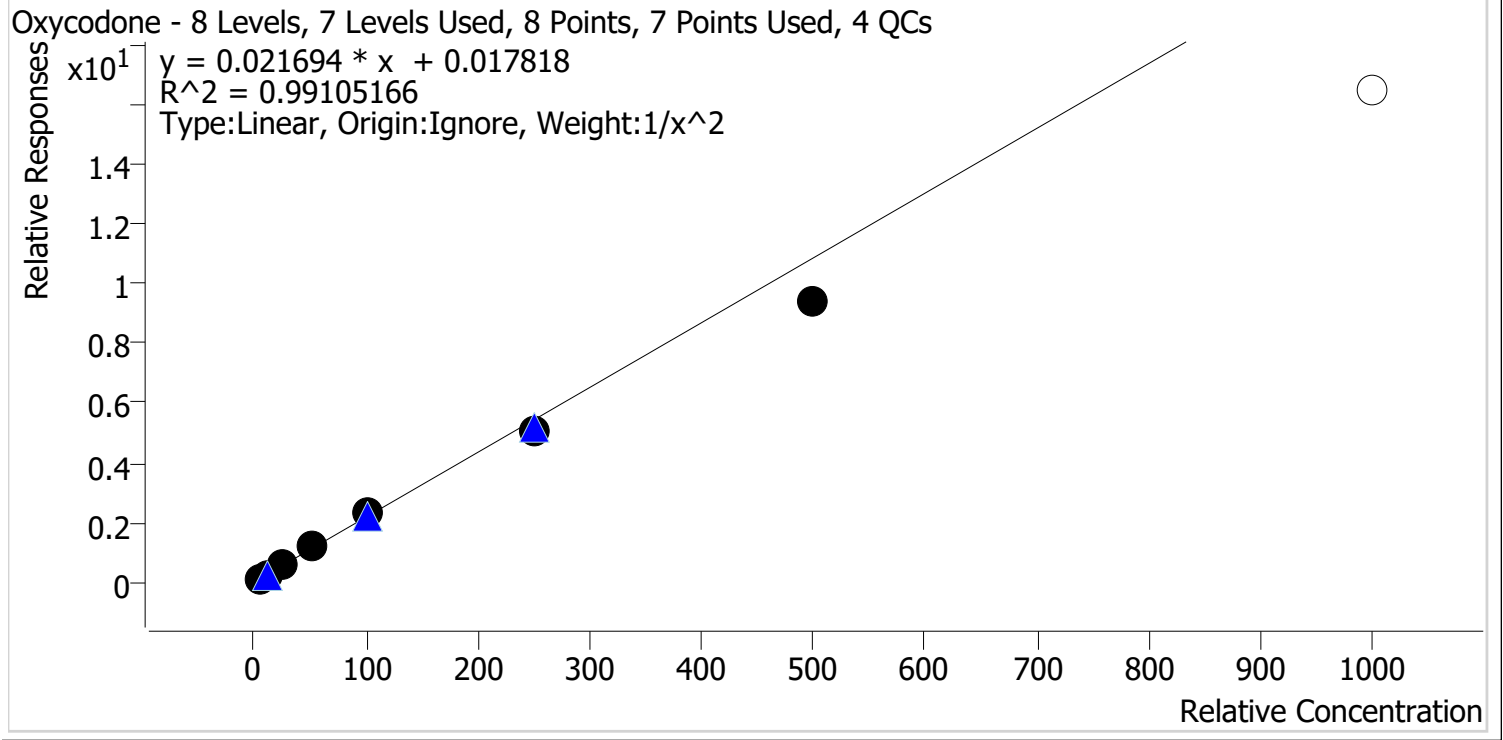
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	459.2	91.8
p1 Cal 8-1000ng	8	✓	1000.0	938.2	93.8

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte Oxycodone Internal Standard Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	235.3	94.1
p1 Cal 7-500ng	7	✓	500.0	431.9	86.4
p1 Cal 8-1000ng	8	✗	1000.0	758.3	75.8

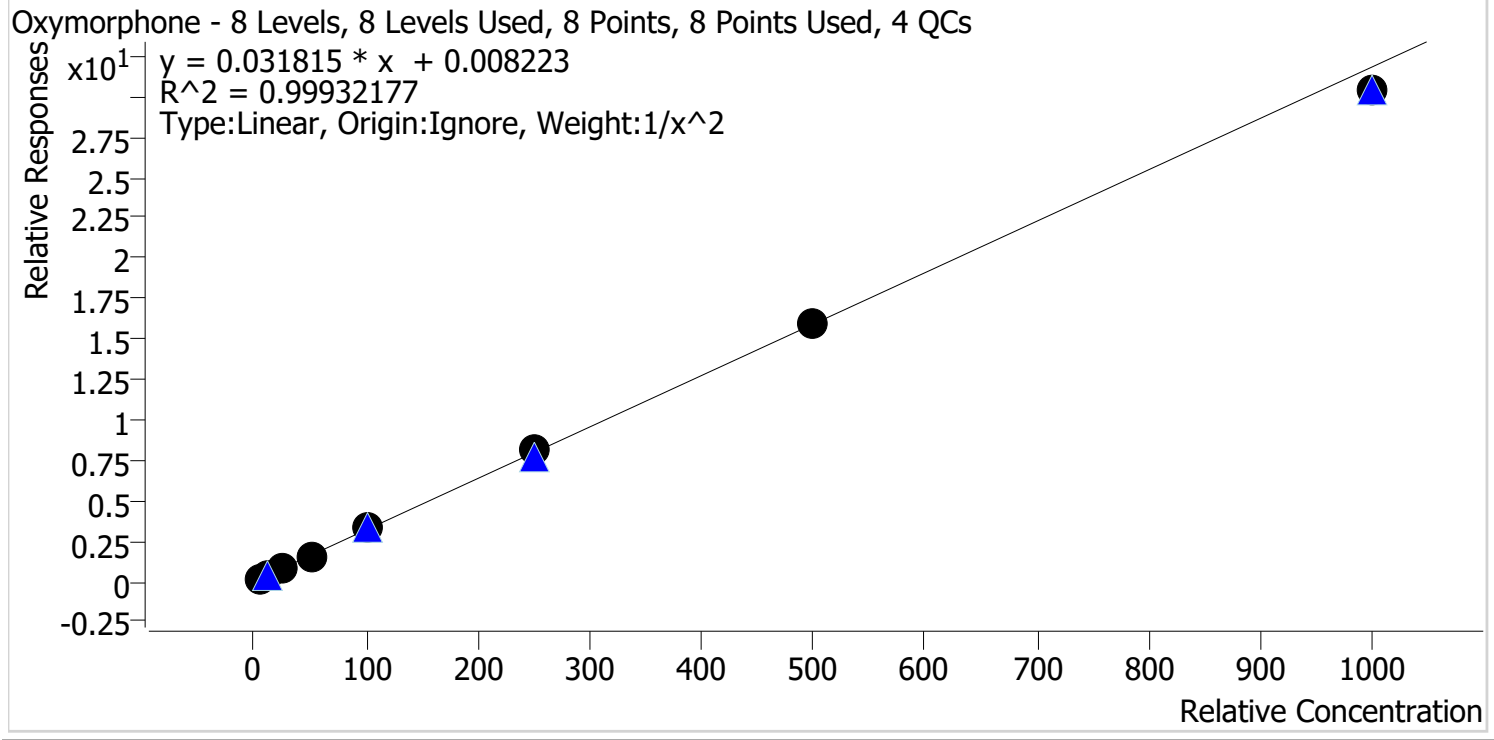


TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3



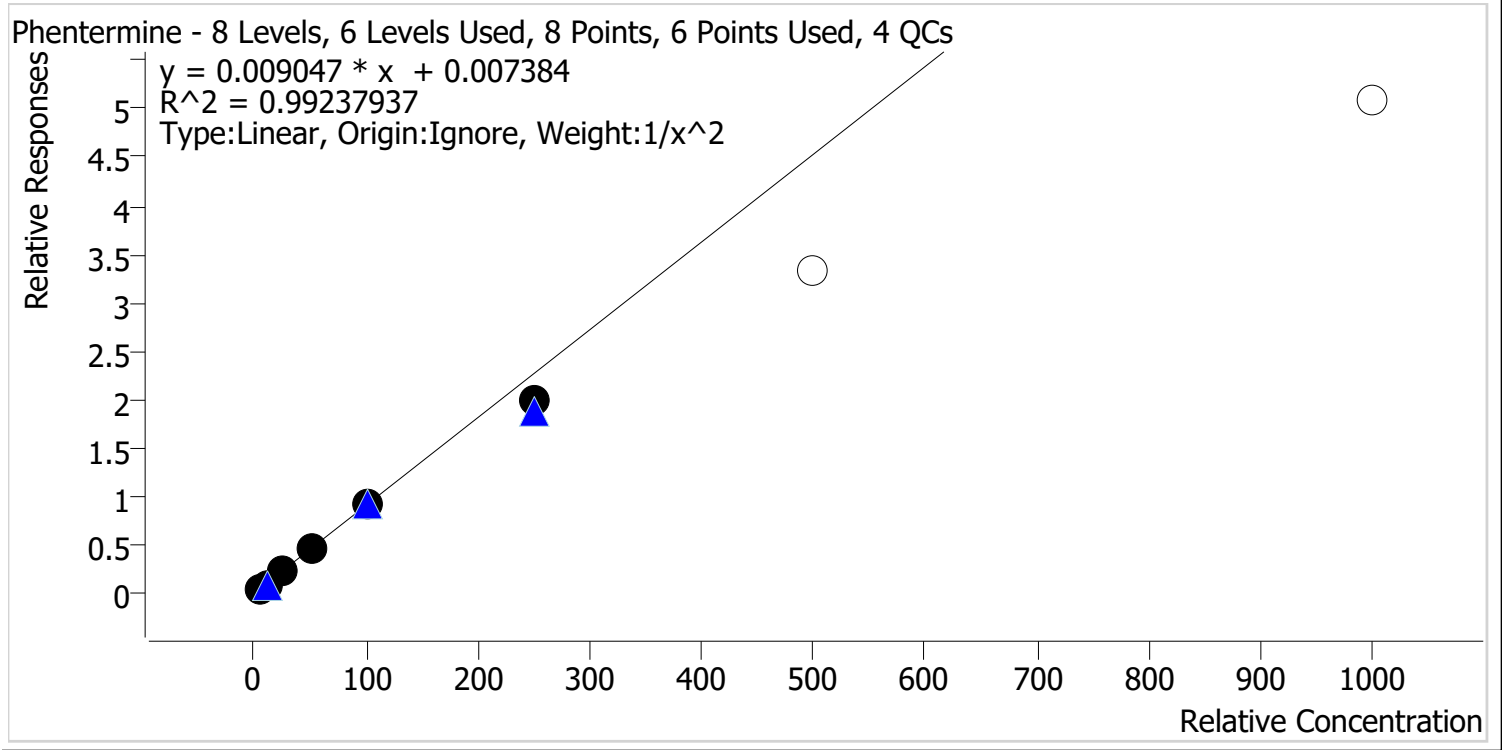
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	501.8	100.4
p1 Cal 8-1000ng	8	✓	1000.0	952.9	95.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Phentermine **Internal Standard** Phentermine-D5



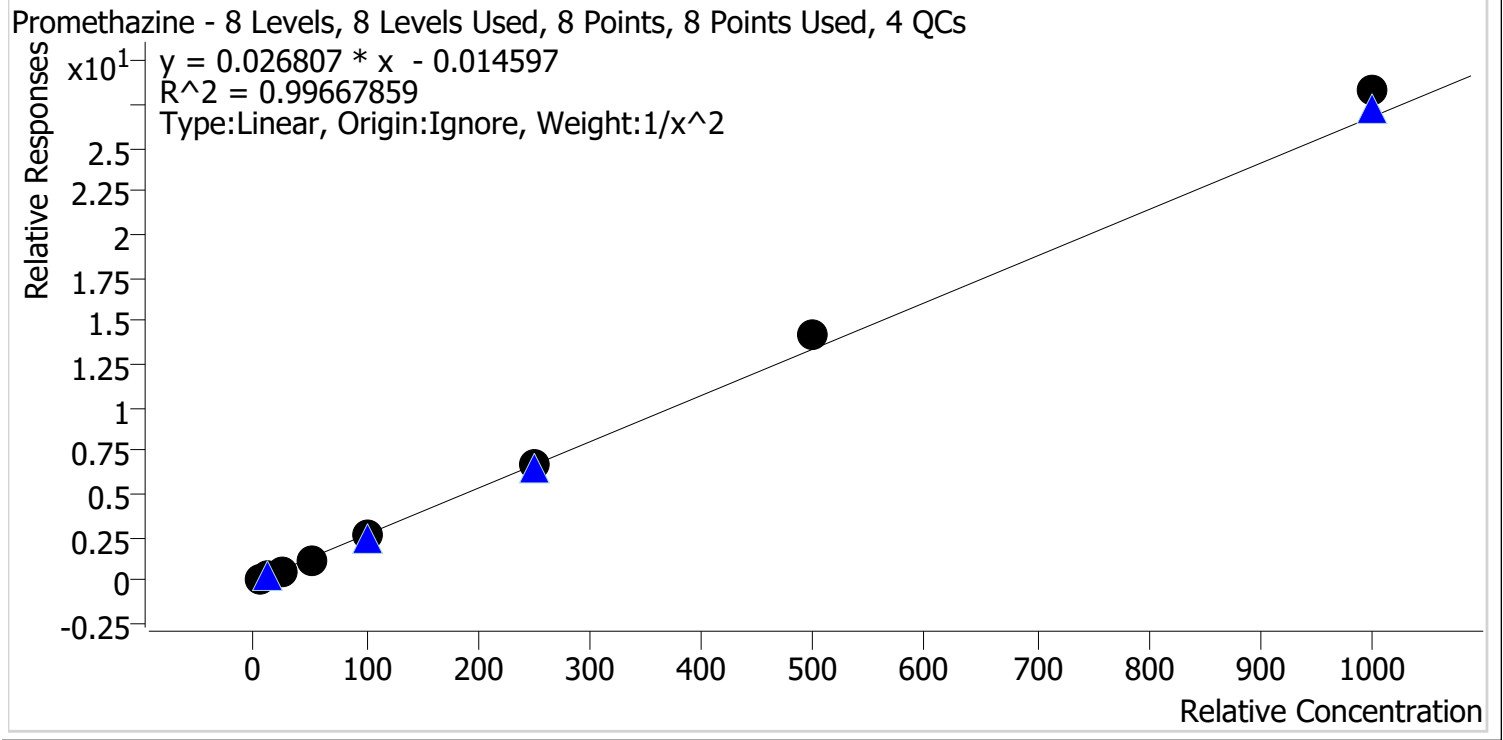
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	219.4	87.8
p1 Cal 7-500ng	7	x	500.0	369.2	73.8
p1 Cal 8-1000ng	8	x	1000.0	561.2	56.1

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3



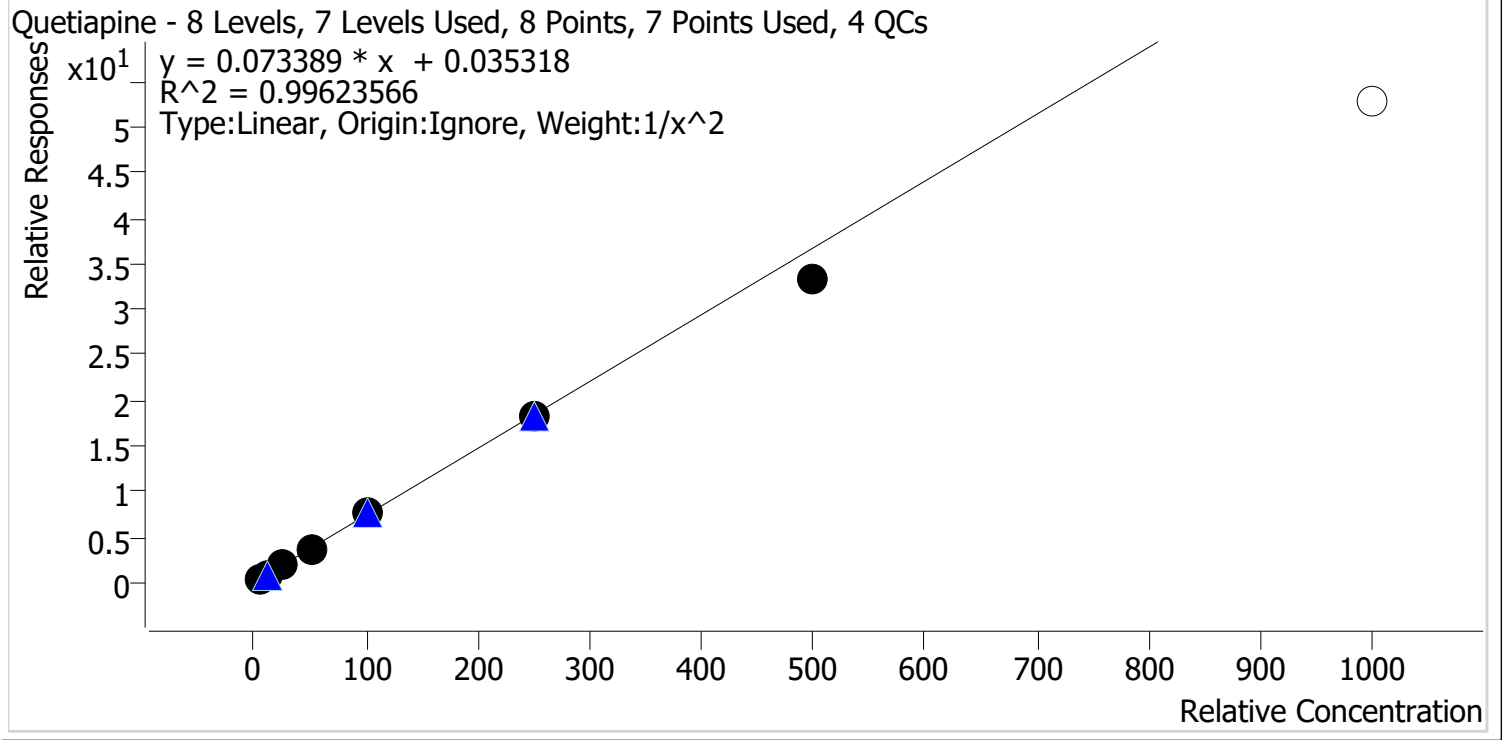
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1056.6	105.7

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8



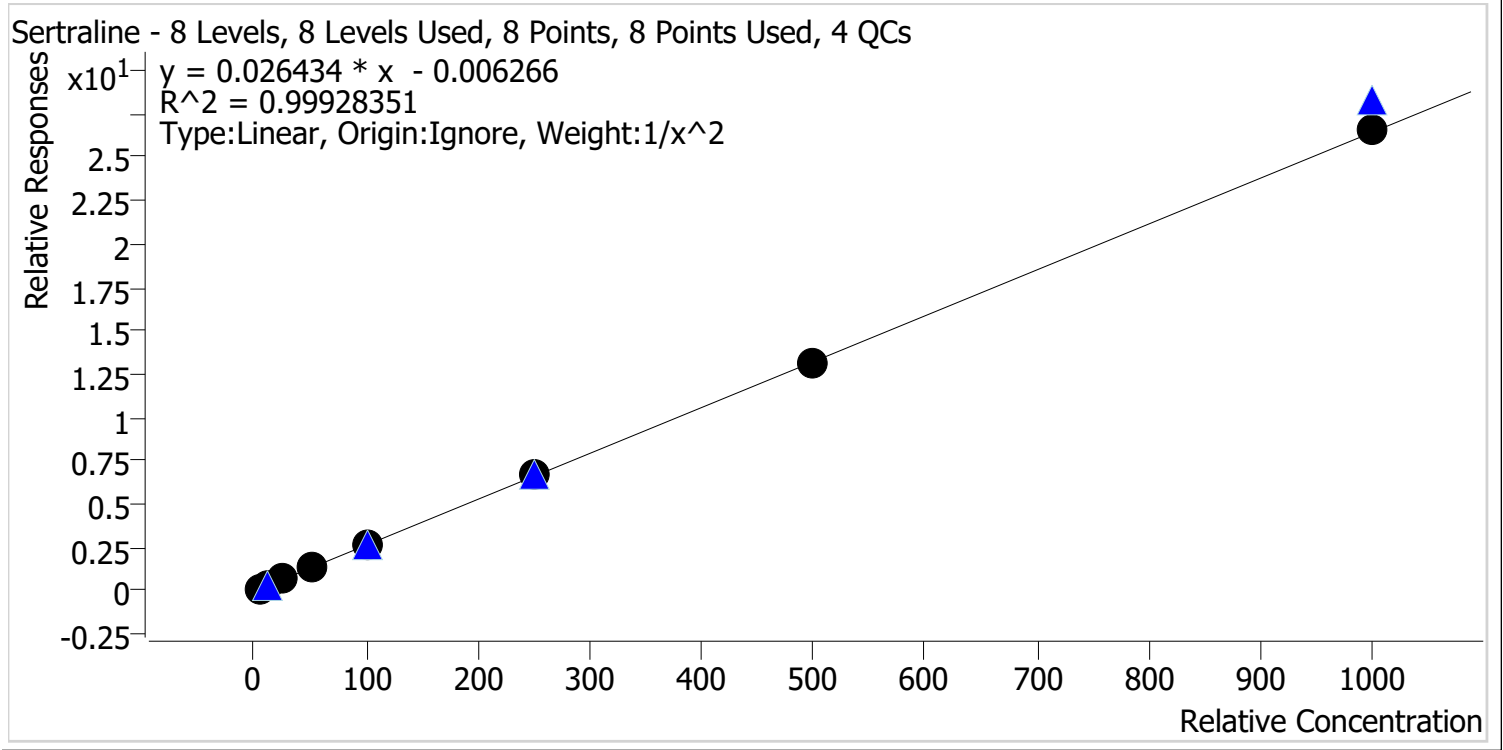
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	452.9	90.6
p1 Cal 8-1000ng	8	✗	1000.0	721.8	72.2

TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte Sertraline Internal Standard Sertraline-D3



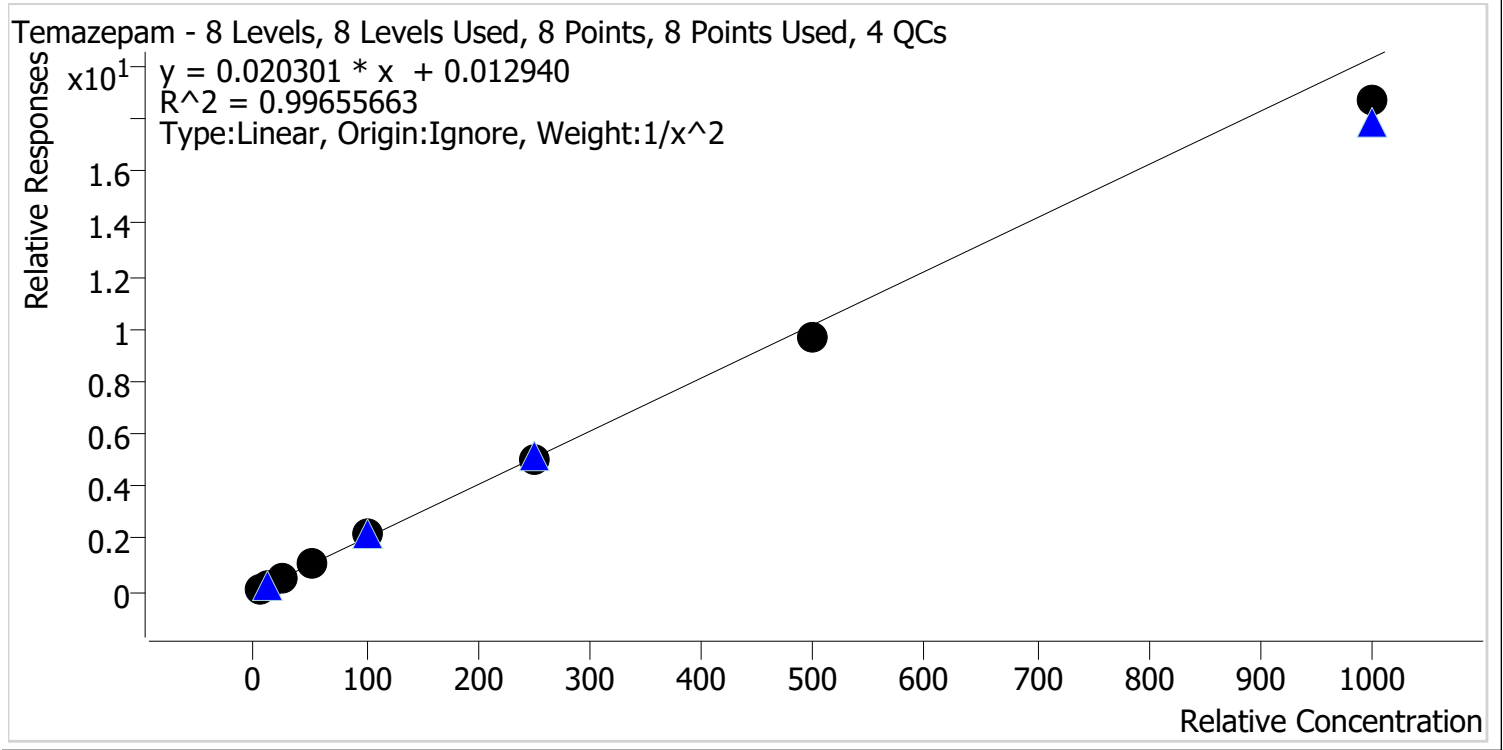
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1004.0	100.4

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



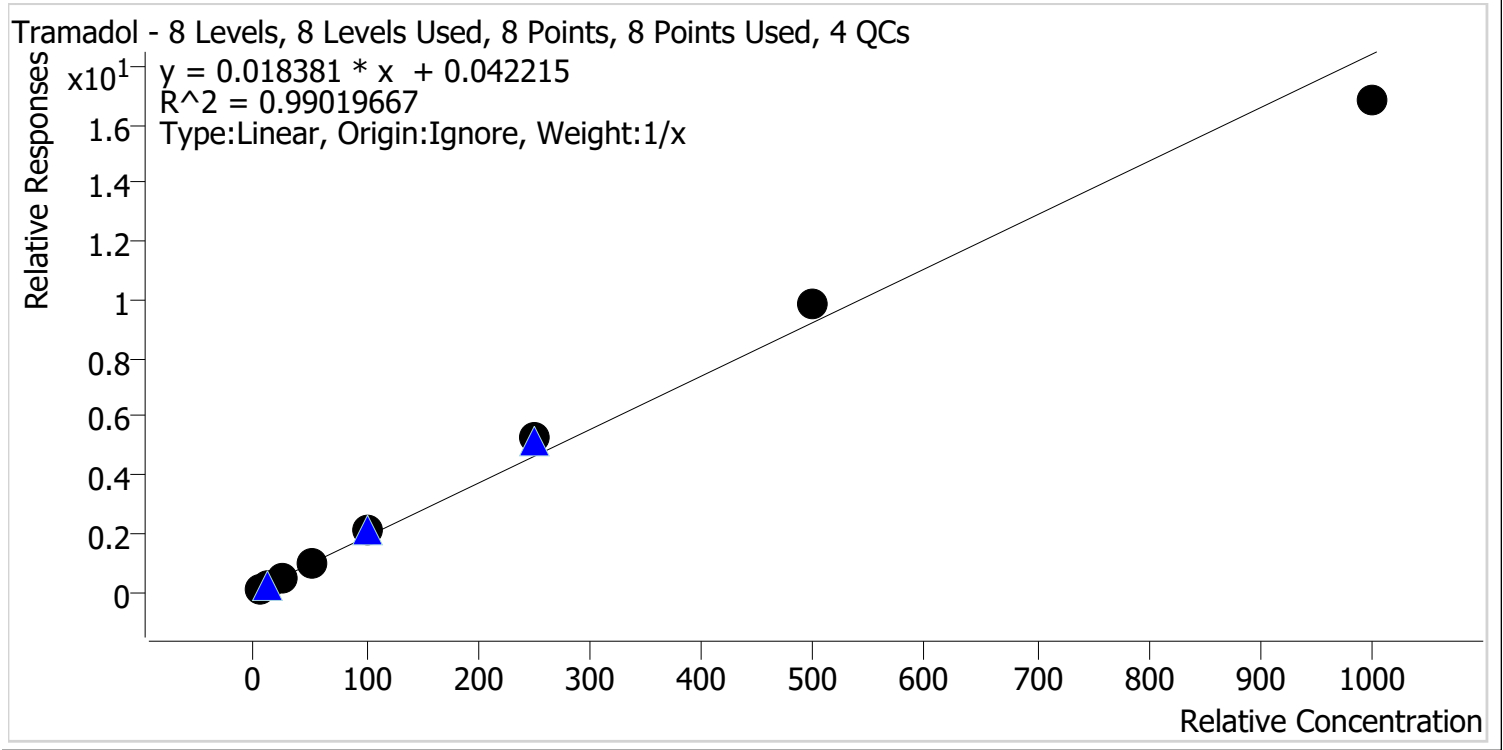
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	478.2	95.6
p1 Cal 8-1000ng	8	✓	1000.0	920.0	92.0

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3



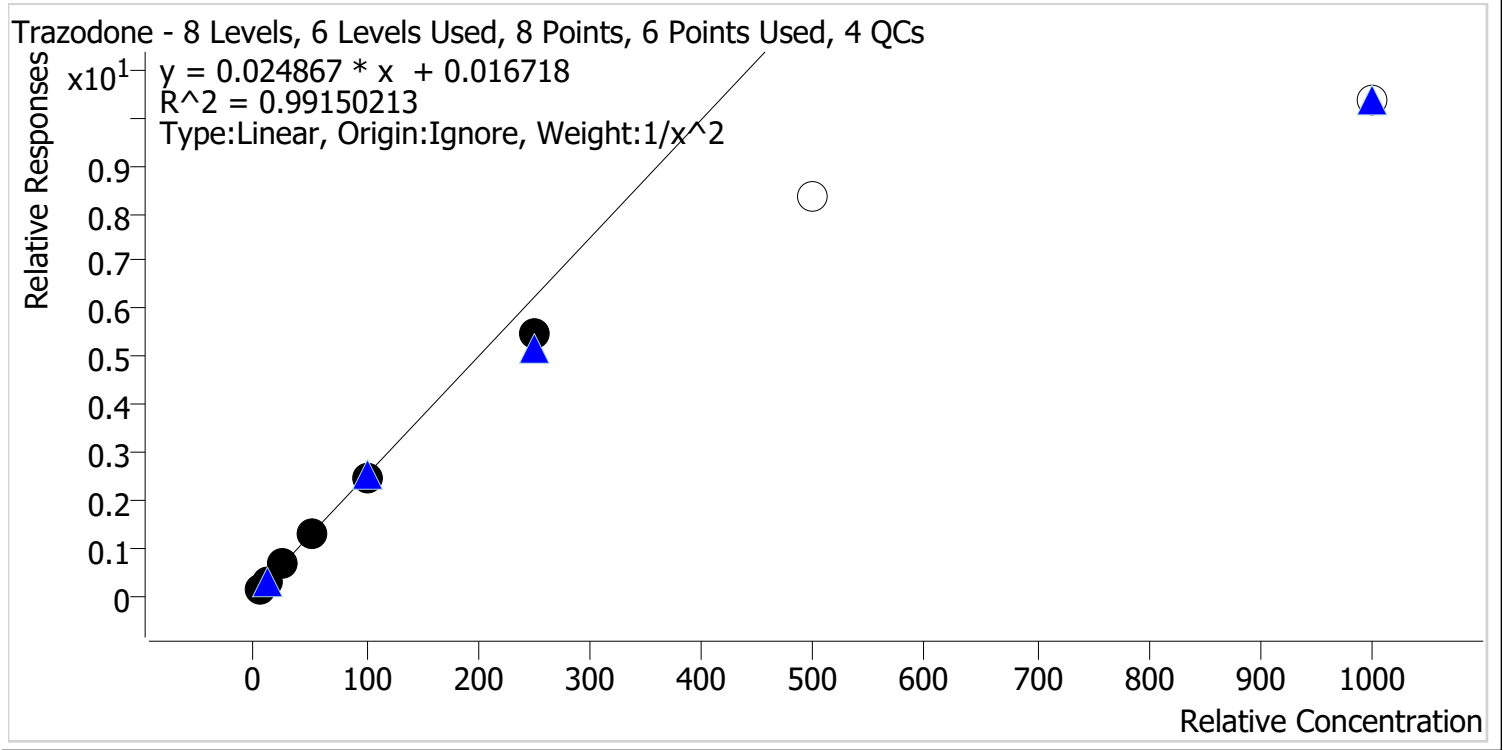
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.6	71.7
p1 Cal 2-10ng	2	✓	10.0	9.1	91.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	111.1	111.1
p1 Cal 6-250ng	6	✓	250.0	286.4	114.5
p1 Cal 7-500ng	7	✓	500.0	536.6	107.3
p1 Cal 8-1000ng	8	✓	1000.0	913.3	91.3

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	219.6	87.9
p1 Cal 7-500ng	7	x	500.0	335.3	67.1
p1 Cal 8-1000ng	8	x	1000.0	415.6	41.6

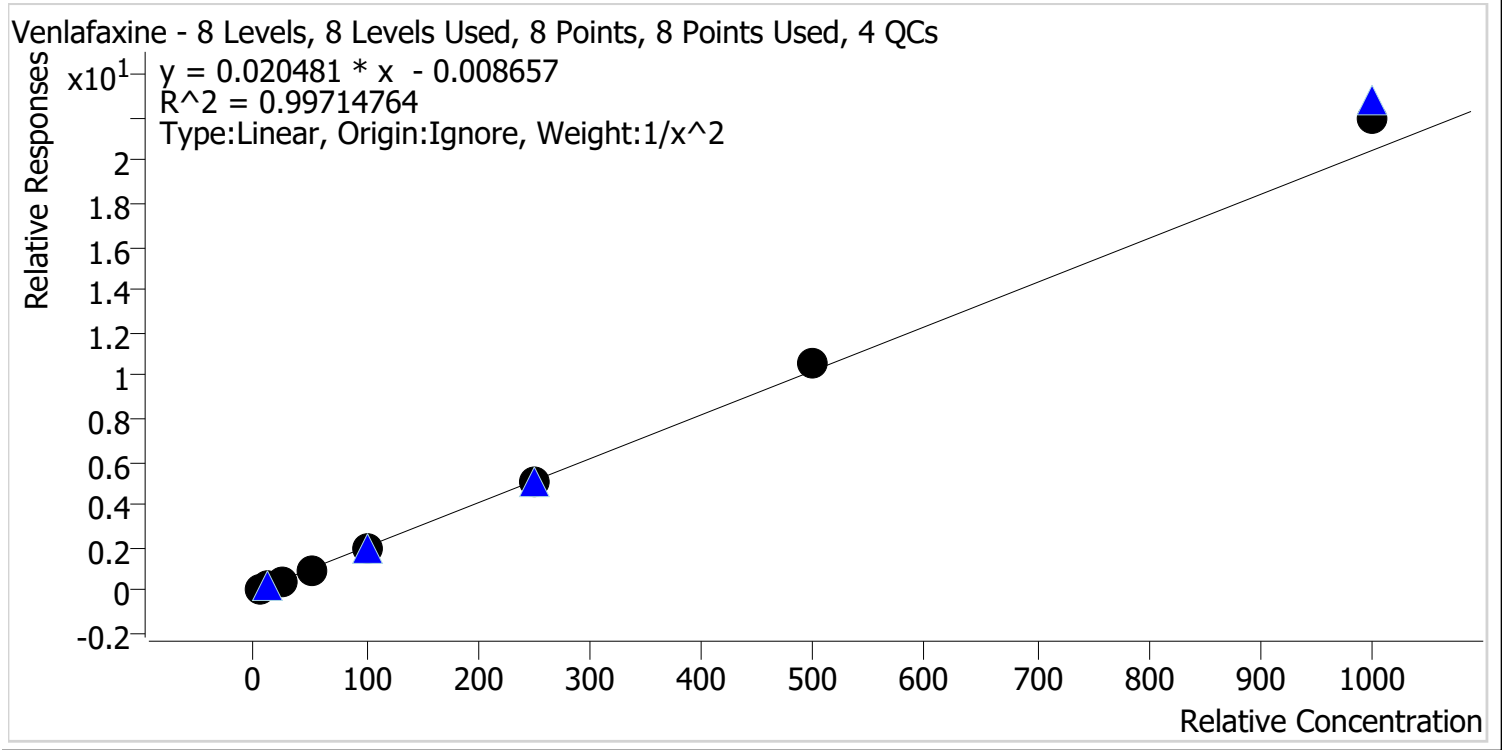


TS



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

Batch results D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
 Last Cal. Update 3/10/2023 11:49 AM  
 Analyst Name ISP\Datastor  
 Analyte Venlafaxine Internal Standard Venlafaxine-D6



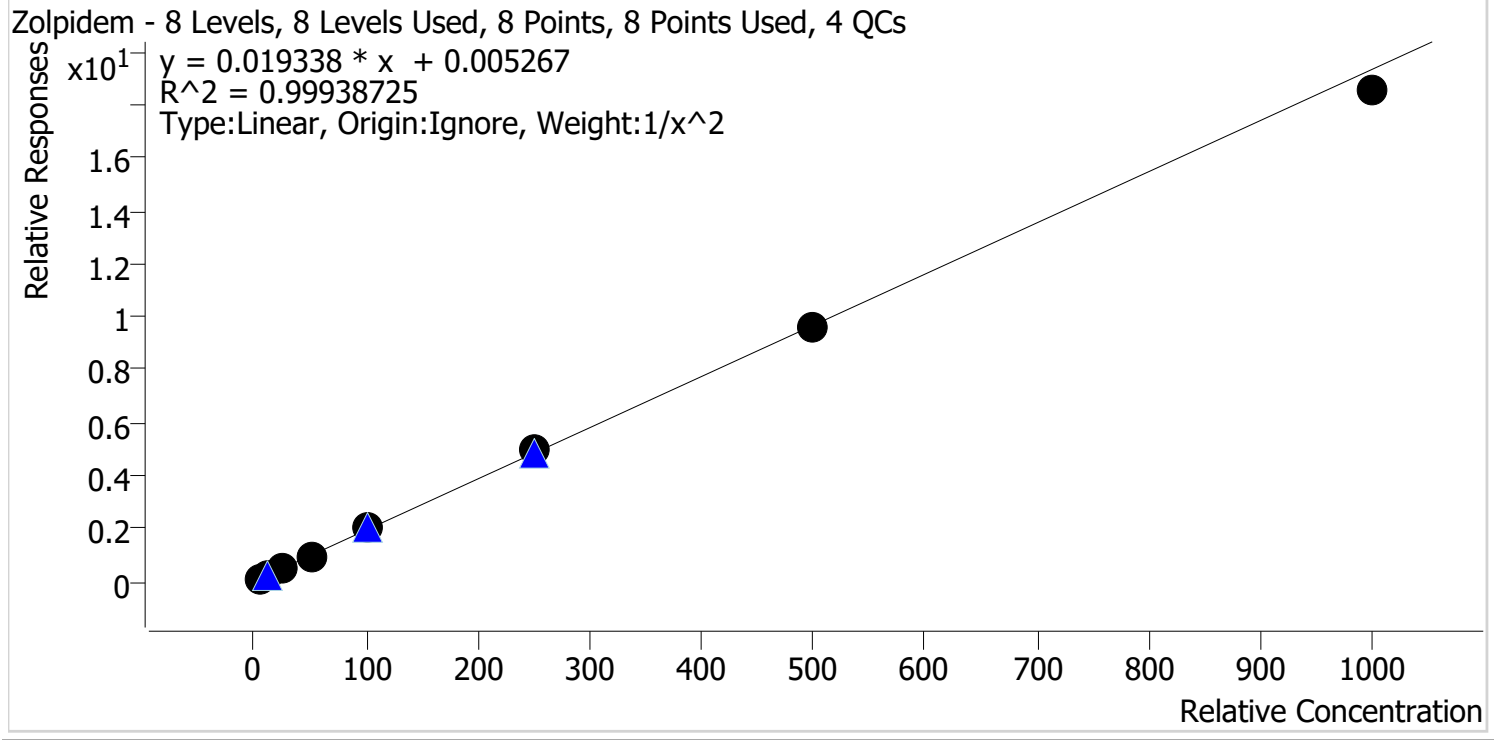
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.2
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	519.5	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1076.0	107.6

TS



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

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 3/10/2023 11:49 AM  
**Analyst Name** ISP\Datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	958.5	95.8

TS

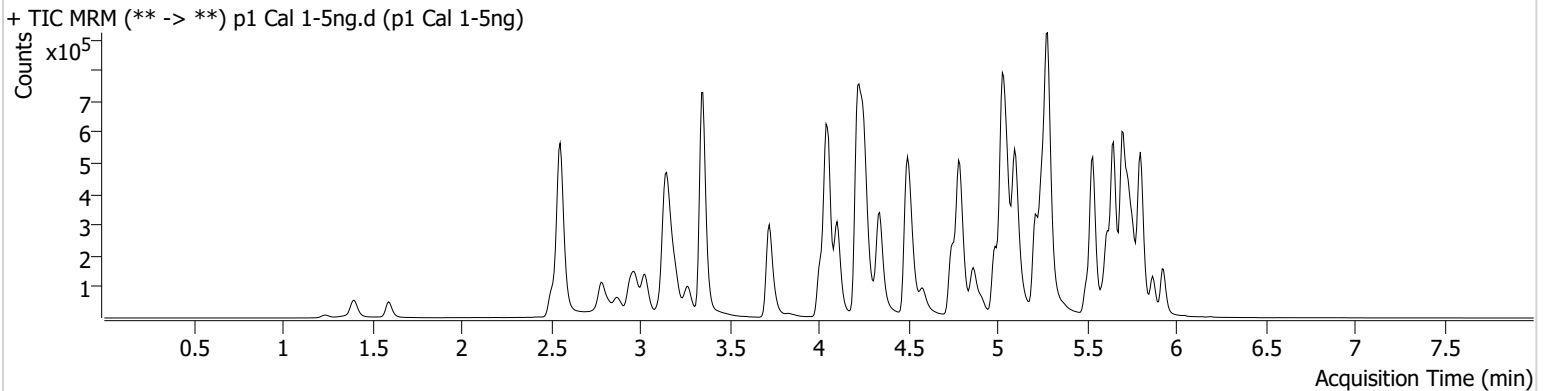


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 1-5ng.d  
**Type** Cal **Sample** p1 Cal 1-5ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-A1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 8:32:26 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	1355	6624.85	65.7	580.49	72053	0.5022 ng/ml
7-aminoclonazepam	4.237	21518	1417.39	73.4	787.54	170376	4.8021 ng/ml
a-hydroxyalprazolam	5.682	9205	132.54	63.6	1025.19	661546	4.7619 ng/ml
alpha-PHP	4.914	25305	1150.76	254.8	1545.22	669227	5.1260 ng/ml
alpha-PVP	4.350	89577	500.05	53.7	1609.49	669227	5.0756 ng/ml
Alprazolam	5.759	47299	328.40	99.3	396.46	205786	5.0483 ng/ml
Amphetamine	3.030	174162	202.05	37.9	424.03	335679	4.8837 ng/ml
Benzoylecgonine	3.864	1803	21.29	8.5	187.39	13942	5.0982 ng/ml
Buprenorphine	5.653	2022	189.91	12.1	209.01	119714	0.4995 ng/ml
Bupropion	4.765	85569	2186.25	63.9	278.89	547961	4.8976 ng/ml
Carisoprodol	5.714	49423	64826.54	82.1	160.09	469278	5.2049 ng/ml
Chlordiazepoxide	5.814	16852	605.87	18.3	2.97	384652	4.8796 ng/ml
Chlorpheniramine	5.104	141903	3031.53	0.3	34.48	1214924	5.0135 ng/ml
Citalopram	5.218	92103	630.27	29.2	100.12	666454	5.1120 ng/ml
Clonazepam	5.601	38365	907.46	30.8	7867.59	106026	4.7617 ng/ml
Clonazolam	5.545	34716	49794.49	39.3	17880.49	106026	4.9775 ng/ml
Cocaine	4.251	60470	10753.09	58.0	22308.42	970455	5.0244 ng/ml
Codeine	2.559	7929	199.18	95.7	11330.19	52641	4.6890 ng/ml
Cyclobenzaprine	5.618	48336	43072.85	8.5	482.52	444667	5.1443 ng/ml
Dextromethorphan	5.262	40474	188.34	84.7	130794.90	341231	4.9494 ng/ml
Dextrorphan	4.104	28891	48355.66	207.7	1322.02	574998	5.0795 ng/ml
Diazepam	5.931	35781	115.92	88.8	1419.04	244058	4.8682 ng/ml
Dihydrocodeine	2.538	16906	427.68	69.2	1429.31	220306	4.7536 ng/ml
Diphenhydramine	5.283	221531	14838.57	33.5	274.24	1722415	5.0955 ng/ml
DMT	2.838	9771	453.02	127.3	866.39	341231	5.1227 ng/ml
Doxylamine	4.518	168755	1514.11	89.5	1723.01	1436181	5.0136 ng/ml
Duloxetine	5.644	5643	155.73	12.9	691.75	52447	5.0130 ng/ml
EDDP	5.255	64912	211.59	39.5	485.39	597444	5.0577 ng/ml
Etizolam	5.797	23802	38348.61	24.3	6721.30	106026	5.3932 ng/ml
Fentanyl	5.074	7491	149.26	54.4	46.23	666966	0.5194 ng/ml
Flualprazolam	5.688	19986	866.02	103.8	25145.91	205786	4.8861 ng/ml
Fluorofentanyl	5.121	15594	443.50	44.2	441.90	6230	0.5094 ng/ml
Fluoxetine	5.704	71377	144.46	6.6	4312.82	494660	5.1749 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.999	26875	135.64	39.8	78.24	269289	4.7624 ng/ml
Hydromorphone	1.602	15231	2297.14	94.2	157.56	118034	4.9873 ng/ml
Hydroxyzine	5.687	70721	7109.33	75.7	43266.60	341231	5.1119 ng/ml
Ketamine	4.023	69370	1029.27	34.4	251.69	393674	4.8634 ng/ml
Lamotrigine	4.253	5322	142.67	99.1	5119.40	1358281	4.8011 ng/ml
Lorazepam	5.730	30557	237.05	56.7	38.09	480736	4.6968 ng/ml
MDA	3.178	119544	2029.80	34.8	405.29	519987	4.8216 ng/ml
MDMA	3.271	59282	167980.78	105.7	306.40	125370	4.9576 ng/ml
Meprobamate	4.888	37373	225.05	36.5	2130.06	343720	4.7636 ng/ml
Methadone	5.649	101799	593.62	73.3	3624.61	828091	5.0335 ng/ml
Methamphetamine	3.205	171439	601.00	28.7	1909.49	983584	4.8720 ng/ml
Metoprolol	4.313	18005	866.67	108.8	1758.10	1441234	4.8529 ng/ml
Mirtazapine	4.586	99193	821.80	62.4	904.25	669227	5.2025 ng/ml
Mitragynine	5.196	25136	19745.93	34.2	3531.05	828091	5.0414 ng/ml
Morphine	1.247	2151	1160.31	45.3	259.03	2933	5.0202 ng/ml
Norbuprenorphine	4.990	554	257.95	95.0	844.80	24225	0.5561 ng/ml
Nordiazepam	5.877	33847	1959.02	53.9	373.02	186329	4.9217 ng/ml
Norfentanyl	4.071	16077	2881.10	38.1	93.99	1187056	0.5138 ng/ml
Norhydrocodone	3.054	4723	137.16	41.0	40.20	94373	5.3215 ng/ml
Noroxycodone	2.897	25279	367.75	45.1	124.31	160099	4.8954 ng/ml
O-desmethyl-tramadol	3.352	157482	9843.52	5.8	1211.21	1730140	5.1129 ng/ml
o-desmethylvenlafaxine	4.056	219392	271.34	14.4	38.98	238183	5.1513 ng/ml
Olanzapine	4.352	23859	281.01	65.4	432.67	110099	5.0238 ng/ml
Oxazepam	5.740	44460	109.06	67.7	294.73	480736	4.8383 ng/ml
Oxycodone	2.815	44590	834.64	31.1	160.02	367126	4.7773 ng/ml
Oxymorphone	1.405	25492	381.94	51.4	345.38	152702	4.9888 ng/ml
Phentermine	3.760	41692	149.00	5.8	80.87	818816	4.8121 ng/ml
Promethazine	5.534	120481	12083.95	31.6	29.06	969183	5.1819 ng/ml
Pseudoephedrine	2.562	178721	3945.38	17.9	5165.11	1358281	5.1224 ng/ml
Quetiapine	5.510	73269	10344.48	60.8	34210.12	188104	4.8263 ng/ml
Sertraline	5.766	16088	280.14	97.4	128.58	124629	5.1204 ng/ml
Temazepam	5.800	74347	487.86	25.6	148.02	661546	4.8986 ng/ml
Tramadol	4.232	155844	780.23	3.3	220.06	1441234	3.5861 ng/ml
Trazodone	5.025	79378	124769.70	73.1	190.77	583926	4.7944 ng/ml
Venlafaxine	5.029	152046	514.65	29.2	3220.35	1580407	5.1199 ng/ml
Zolpidem	4.802	117614	376.56	27.5	828.81	1156019	4.9888 ng/ml

TS

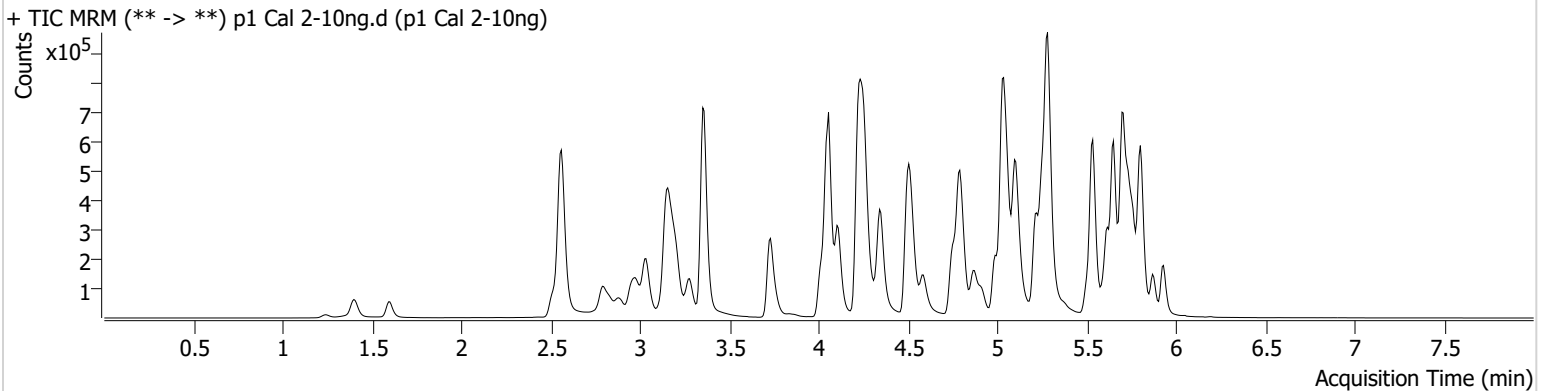


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 2-10ng.d  
**Type** Cal **Sample** p1 Cal 2-10ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-B1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 8:43:13 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	2481	7320.40	68.2	142.53	66247	0.9929 ng/ml
7-aminoclonazepam	4.237	42623	13822.54	74.8	4647.94	171112	10.3681 ng/ml
a-hydroxyalprazolam	5.682	16501	94.84	65.9	184.11	663098	10.1768 ng/ml
alpha-PHP	4.914	44855	1037.48	260.5	13117.01	603345	9.7259 ng/ml
alpha-PVP	4.350	159849	194.39	54.5	1507.16	603345	9.8359 ng/ml
Alprazolam	5.759	85310	1578.62	105.7	523.89	193571	9.8238 ng/ml
Amphetamine	3.037	304394	776.95	38.9	831.41	306903	10.3301 ng/ml
Benzoylecgonine	3.871	3044	21.33	8.3	15.83	12021	9.6680 ng/ml
Buprenorphine	5.653	3483	162.88	15.7	633.59	115146	0.9978 ng/ml
Bupropion	4.765	153033	3863.35	64.3	1131.63	493269	10.1396 ng/ml
Carisoprodol	5.714	90491	120379.86	80.5	129.45	426885	9.6097 ng/ml
Chlordiazepoxide	5.814	31456	1622.49	18.3	103.32	348519	10.3294 ng/ml
Chlorpheniramine	5.104	260677	1017.55	0.3	16.74	1084819	10.1067 ng/ml
Citalopram	5.218	165039	2091.75	29.2	2583.54	603566	9.7187 ng/ml
Clonazepam	5.601	73676	415.48	30.1	∞	102268	10.4188 ng/ml
Clonazolam	5.545	60859	76560.34	41.6	27124.20	102268	9.7780 ng/ml
Cocaine	4.251	107203	4144.49	60.5	2265.09	886790	9.9578 ng/ml
Codeine	2.566	14193	413.75	94.3	26021.83	49452	10.5800 ng/ml
Cyclobenzaprine	5.618	90639	173544.61	8.2	68.09	428317	9.7164 ng/ml
Dextromethorphan	5.262	73182	378.37	84.2	28387.93	303834	10.1623 ng/ml
Dextrorphan	4.111	49108	1790.04	213.3	591.57	507607	9.7888 ng/ml
Diazepam	5.931	68873	3536.87	86.1	356.84	225494	10.3710 ng/ml
Dihydrocodeine	2.545	30828	589.82	69.5	190779.53	199609	10.5968 ng/ml
Diphenhydramine	5.283	404476	1045.34	33.6	348.41	1574639	9.7994 ng/ml
DMT	2.838	17935	201.00	125.0	4030.37	303834	9.8288 ng/ml
Doxylamine	4.518	304868	21998.74	93.2	37148.86	1298600	9.9757 ng/ml
Duloxetine	5.644	11455	1944.12	12.4	62.61	54666	9.9165 ng/ml
EDDP	5.255	125123	1896.67	38.3	10844.62	578198	9.8175 ng/ml
Etizolam	5.797	40693	52362.58	27.3	8873.08	102268	9.0490 ng/ml
Fentanyl	5.074	13491	548.57	56.0	881.98	619359	0.9485 ng/ml
Flualprazolam	5.695	35430	1087.69	109.0	4427.22	193571	10.1489 ng/ml
Fluorofentanyl	5.121	29603	456.91	44.6	3280.28	5526	1.0103 ng/ml
Fluoxetine	5.704	147690	441.00	6.5	18566.93	509589	9.7106 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	46755	293.80	40.3	105.68	244744	10.4798 ng/ml
Hydromorphone	1.602	29737	1667.39	87.8	6842.79	109078	10.0980 ng/ml
Hydroxyzine	5.687	134733	162929.17	72.2	2054.34	303834	9.9713 ng/ml
Ketamine	4.030	117386	9704.85	35.0	536.59	358698	10.0230 ng/ml
Lamotrigine	4.260	10072	1052.66	91.3	519.76	1238794	10.4920 ng/ml
Lorazepam	5.730	57152	2226.27	59.6	220.94	446442	10.8880 ng/ml
MDA	3.184	208818	1222.75	35.1	624.51	478576	10.3358 ng/ml
MDMA	3.278	105309	1611.96	107.3	596.07	113416	10.0762 ng/ml
Meprobamate	4.895	67740	365.26	34.4	1706.04	322643	10.5192 ng/ml
Methadone	5.649	186288	566.75	71.9	6970.37	745583	10.0002 ng/ml
Methamphetamine	3.205	282919	3639.59	28.9	1564.02	913326	10.0547 ng/ml
Metoprolol	4.313	32562	10804.11	111.0	810.35	1318242	10.2545 ng/ml
Mirtazapine	4.586	180219	10964.84	63.0	7207.73	603345	9.7066 ng/ml
Mitragynine	5.202	46079	382.43	35.2	34859.04	745583	9.7914 ng/ml
Morphine	1.247	3803	4017.49	38.7	122.15	2641	9.8578 ng/ml
Norbuprenorphine	4.990	755	407.02	98.4	1418.33	23260	0.9498 ng/ml
Nordiazepam	5.877	62279	5889.72	51.6	674.15	172678	10.0944 ng/ml
Norfentanyl	4.071	29663	12106.23	35.1	129.20	1082787	0.9852 ng/ml
Norhydrocodone	3.060	8340	79.65	41.7	118.01	86020	9.2688 ng/ml
Noroxycodone	2.904	43770	548.32	49.3	877.35	146012	9.7708 ng/ml
O-desmethyl-tramadol	3.359	280647	3544.03	5.9	876.79	1568129	9.7724 ng/ml
o-desmethylvenlafaxine	4.056	409470	24820.31	14.3	471.34	218287	9.7395 ng/ml
Olanzapine	4.352	47163	1580.69	56.1	504.14	107908	10.0450 ng/ml
Oxazepam	5.740	81596	200.13	70.2	152.08	446442	10.2250 ng/ml
Oxycodone	2.822	81315	308.52	32.3	760.55	331882	10.4726 ng/ml
Oxymorphone	1.405	45979	521.31	51.5	∞	140525	10.0260 ng/ml
Phentermine	3.767	74591	209.02	5.3	195.54	733429	10.4258 ng/ml
Promethazine	5.534	232893	15822.07	30.9	3063.14	953643	9.6546 ng/ml
Pseudoephedrine	2.569	324072	4539.63	17.9	1157.26	1238794	9.8213 ng/ml
Quetiapine	5.510	136102	5676.73	59.8	519568.39	168155	10.5474 ng/ml
Sertraline	5.766	34000	746.20	99.5	541.57	138032	9.5555 ng/ml
Temazepam	5.800	144192	341.15	25.4	194.63	663098	10.0743 ng/ml
Tramadol	4.232	276538	1139.34	3.2	88.93	1318242	9.1160 ng/ml
Trazodone	5.025	149513	1801.62	71.4	117250.33	540424	10.4534 ng/ml
Venlafaxine	5.036	272278	1043.62	29.9	438.04	1407718	9.8663 ng/ml
Zolpidem	4.809	207201	1064.91	27.7	1425.75	1050697	9.9252 ng/ml

TS

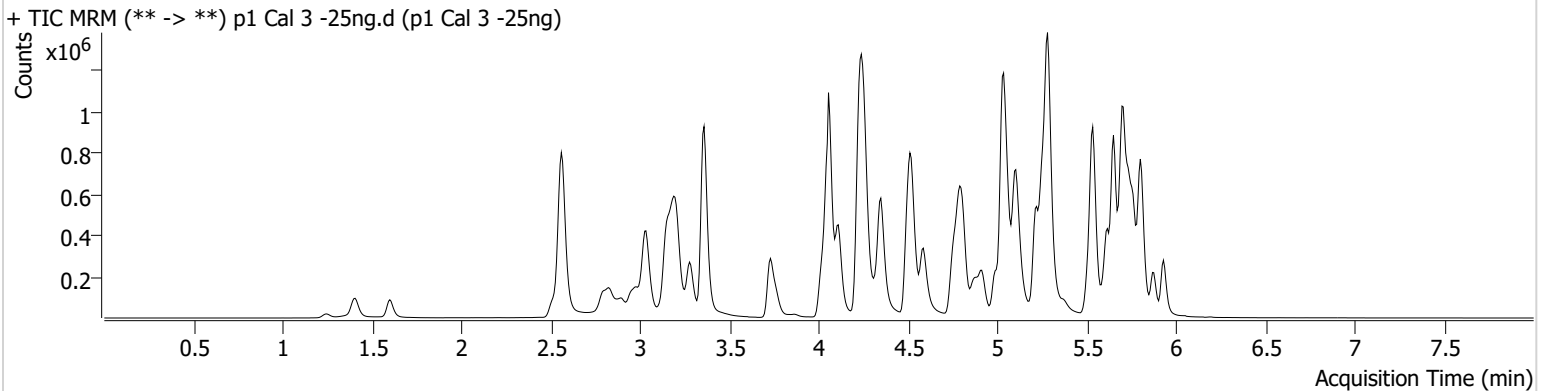


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 3 -25ng.d  
**Type** Cal **Sample** p1 Cal 3 -25ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-C1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 8:53:50 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	6512	872.13	67.3	1756.76	69111	2.4875 ng/ml
7-aminoclonazepam	4.237	108274	7285.43	72.4	629.97	173146	27.4216 ng/ml
a-hydroxyalprazolam	5.682	40053	268.61	62.7	212.43	647578	28.4247 ng/ml
alpha-PHP	4.914	120007	3344.98	256.0	4552.27	628076	24.4231 ng/ml
alpha-PVP	4.350	423477	437.68	53.9	625.66	628076	24.6996 ng/ml
Alprazolam	5.759	215766	462.75	102.7	976.09	196624	24.6945 ng/ml
Amphetamine	3.037	756893	9985.64	37.9	4236.88	318733	26.2534 ng/ml
Benzoylcegonine	3.871	8065	169.59	8.2	5805.68	12188	24.7351 ng/ml
Buprenorphine	5.653	8766	∞	15.7	1042.02	125263	2.4796 ng/ml
Bupropion	4.765	394938	6251.72	64.9	3896.26	509158	25.9740 ng/ml
Carisoprodol	5.714	218973	194716.77	76.5	294.71	404101	23.2336 ng/ml
Chlordiazepoxide	5.814	75753	3169.54	19.2	369.74	346255	25.4097 ng/ml
Chlorpheniramine	5.104	667955	3381.13	0.3	80.43	1144662	24.2628 ng/ml
Citalopram	5.218	431070	1067.80	28.5	142.70	616392	24.2259 ng/ml
Clonazepam	5.601	181475	13237.22	28.8	14625.12	100288	27.6015 ng/ml
Clonazolam	5.545	150568	323316.67	39.5	56496.08	100288	26.0317 ng/ml
Cocaine	4.251	267429	6989.37	60.2	272.90	905991	24.6366 ng/ml
Codeine	2.566	34053	2193.79	96.6	224911.27	48768	28.3440 ng/ml
Cyclobenzaprine	5.618	230133	271594.85	8.2	108.45	436070	23.7608 ng/ml
Dextromethorphan	5.262	185768	258.42	83.6	13656.68	311778	25.2989 ng/ml
Dextrorphan	4.111	130812	541561.16	210.7	945.79	533423	24.8273 ng/ml
Diazepam	5.931	172178	1945.32	86.8	744.08	230690	25.6480 ng/ml
Dihydrocodeine	2.545	76004	269.58	71.6	532.73	206170	26.7056 ng/ml
Diphenhydramine	5.283	1037156	621.63	33.4	13038.06	1577280	24.4954 ng/ml
DMT	2.838	47188	3148.56	127.4	6270.91	311778	24.1222 ng/ml
Doxylamine	4.518	786497	40621.08	94.3	3366.55	1352766	24.6437 ng/ml
Duloxetine	5.644	26663	1275.36	12.5	612.34	50213	25.3757 ng/ml
EDDP	5.255	343848	20575.08	39.7	7229.70	617080	24.8727 ng/ml
Etizolam	5.797	104391	2009.96	27.3	35353.88	100288	22.6052 ng/ml
Fentanyl	5.074	35840	134.18	55.1	27784.58	613931	2.4369 ng/ml
Flualprazolam	5.695	88290	6933.94	107.0	10058.45	196624	26.4429 ng/ml
Fluorofentanyl	5.121	75957	2344.74	42.4	33753.02	6055	2.2716 ng/ml
Fluoxetine	5.704	338976	1858.79	6.5	300.75	460322	23.6290 ng/ml



TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	119237	249.97	41.0	75.45	263817	26.8324 ng/ml
Hydromorphone	1.609	77912	587202.57	86.5	1350.29	112994	24.9375 ng/ml
Hydroxyzine	5.687	344425	550303.59	73.2	1800.15	311778	23.5765 ng/ml
Ketamine	4.030	302984	370.71	34.3	227.47	369560	26.8497 ng/ml
Lamotrigine	4.260	25192	2222.36	85.3	933.98	1265988	26.3926 ng/ml
Lorazepam	5.737	126988	1597.78	58.9	160.12	427700	27.1115 ng/ml
MDA	3.184	506558	1885.51	35.2	642.60	476574	27.0729 ng/ml
MDMA	3.278	268475	75200.10	108.2	2720.50	117277	25.3614 ng/ml
Meprobamate	4.895	160636	92006.96	34.0	23578.54	317411	27.3572 ng/ml
Methadone	5.649	488596	19922.41	70.0	3661.48	786151	24.5437 ng/ml
Methamphetamine	3.212	705833	651.80	29.1	2662.05	938644	26.9724 ng/ml
Metoprolol	4.320	83804	1400.70	106.0	681.68	1375209	26.2872 ng/ml
Mirtazapine	4.586	465208	170600.35	63.0	58116.04	628076	22.9361 ng/ml
Mitragynine	5.202	128244	178005.37	34.8	67987.83	786151	25.0958 ng/ml
Morphine	1.247	9943	6849.24	44.3	53.10	2754	24.7143 ng/ml
Norbuprenorphine	4.984	1666	1995.51	93.1	2298.80	24138	2.4495 ng/ml
Nordiazepam	5.877	157849	1482.30	52.9	15835.16	174173	25.8596 ng/ml
Norfentanyl	4.071	74000	2636.17	37.0	307.06	1090870	2.3617 ng/ml
Norhydrocodone	3.060	20953	310.33	39.5	50.44	83690	22.1793 ng/ml
Noroxycodone	2.904	110216	764.51	49.6	3842.58	145340	25.5294 ng/ml
O-desmethyl-tramadol	3.359	728605	984.80	5.8	371.78	1617976	24.1491 ng/ml
o-desmethylvenlafaxine	4.056	1066287	146497.31	14.2	331.44	222121	23.7946 ng/ml
Olanzapine	4.352	122893	2077.72	63.6	187.20	115246	24.3839 ng/ml
Oxazepam	5.740	197746	488.22	67.5	14685.85	427700	26.9052 ng/ml
Oxycodone	2.822	207718	751.74	32.6	934.88	346016	26.8505 ng/ml
Oxymorphone	1.405	119279	602.21	49.5	823.86	148696	24.9553 ng/ml
Phentermine	3.767	189254	1643.07	5.4	89.29	759409	26.7314 ng/ml
Promethazine	5.534	597992	674.63	31.4	2273.01	988217	23.1179 ng/ml
Pseudoephedrine	2.569	822169	19251.80	17.9	16480.40	1265988	23.8368 ng/ml
Quetiapine	5.510	346742	1200.62	60.4	314543.55	181128	25.6035 ng/ml
Sertraline	5.766	81038	288.44	93.0	382.43	125026	24.7575 ng/ml
Temazepam	5.800	353067	509.88	26.3	246.81	647578	26.2197 ng/ml
Tramadol	4.232	727463	∞	3.3	481.70	1375209	26.4818 ng/ml
Trazodone	5.025	376088	3838.06	72.4	1138.18	545314	27.0624 ng/ml
Venlafaxine	5.036	694954	1149.58	29.7	5864.46	1467567	23.5432 ng/ml
Zolpidem	4.809	540246	66473.28	27.1	1603.48	1074309	25.7320 ng/ml



TS

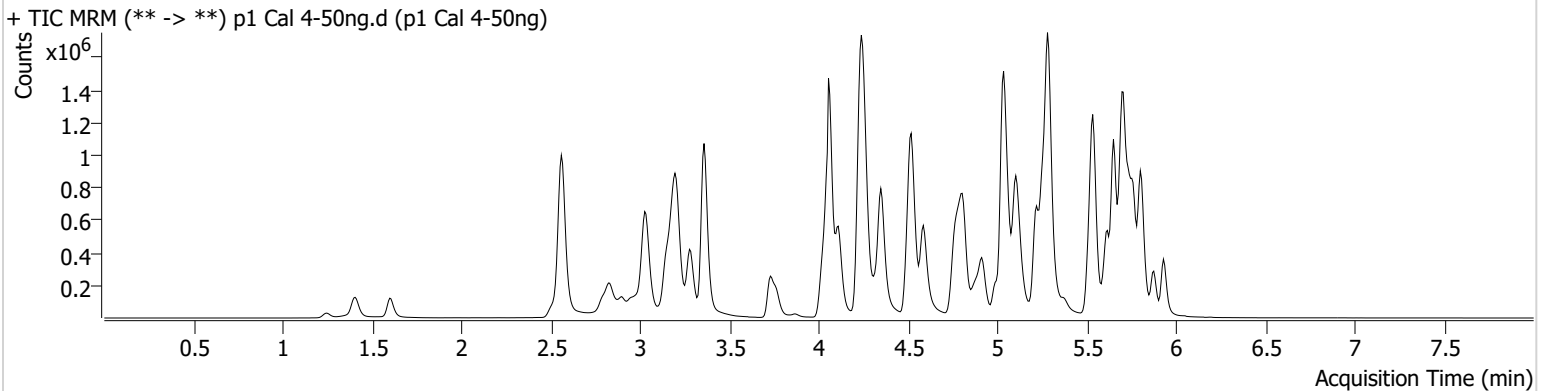


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 4-50ng.d  
**Type** Cal **Sample** p1 Cal 4-50ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-D1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 9:04:27 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	11673	23056.05	68.7	768.53	61661	4.9901 ng/ml
7-aminoclonazepam	4.244	183128	3681.54	75.9	4036.45	157080	51.9199 ng/ml
a-hydroxyalprazolam	5.682	63492	273.23	64.0	348.16	537116	56.2448 ng/ml
alpha-PHP	4.921	200657	5450.96	253.2	4606.50	542527	46.9342 ng/ml
alpha-PVP	4.350	716545	501.89	54.0	∞	542527	48.1774 ng/ml
Alprazolam	5.759	362486	642.84	105.3	2195.45	164992	49.5975 ng/ml
Amphetamine	3.030	1259265	16487.03	38.5	857.13	285366	49.7217 ng/ml
Benzoylecgonine	3.871	14981	337.74	8.6	818.78	11468	48.5117 ng/ml
Buprenorphine	5.653	14251	23278.42	16.3	3409.06	101808	5.0906 ng/ml
Bupropion	4.771	683569	974.54	64.3	872.10	444869	51.8605 ng/ml
Carisoprodol	5.714	366658	323.03	77.2	1136.38	333842	46.2124 ng/ml
Chlordiazepoxide	5.814	127620	5653.81	21.0	968.84	289671	51.4343 ng/ml
Chlorpheniramine	5.104	1175625	18604.82	0.3	36.31	1003687	48.5036 ng/ml
Citalopram	5.218	729676	576.30	28.0	554.80	520235	48.1801 ng/ml
Clonazepam	5.601	292143	2826.26	30.4	9482.22	84739	53.4438 ng/ml
Clonazolam	5.545	254756	23606.35	38.9	101417.21	84739	53.0234 ng/ml
Cocaine	4.257	454634	∞	60.1	2493.24	771376	49.4146 ng/ml
Codeine	2.566	57107	8508.83	95.6	146227.55	44197	53.9930 ng/ml
Cyclobenzaprine	5.618	404779	660.08	8.1	468.00	379194	47.7389 ng/ml
Dextromethorphan	5.262	317986	8605.87	82.0	201.47	270879	49.9485 ng/ml
Dextrorphan	4.111	218453	7377.53	215.0	1187.11	459713	48.1173 ng/ml
Diazepam	5.931	283433	595.40	87.5	1011.12	192574	50.7830 ng/ml
Dihydrocodeine	2.538	132735	744.19	72.0	189.20	186126	52.6123 ng/ml
Diphenhydramine	5.290	1785419	545.81	32.5	810.75	1390075	47.4861 ng/ml
DMT	2.838	79373	1072.25	125.7	453.22	270879	46.0557 ng/ml
Doxylamine	4.518	1393668	874.59	93.2	125913.53	1191787	49.5251 ng/ml
Duloxetine	5.644	47548	491.19	13.8	1581.22	46031	49.5167 ng/ml
EDDP	5.255	567602	753.81	39.0	190.49	510575	49.3661 ng/ml
Etizolam	5.797	177472	4543.15	27.3	99233.01	84739	44.8135 ng/ml
Fentanyl	5.074	62197	323.13	54.0	455.26	551875	4.6463 ng/ml
Flualprazolam	5.695	145455	3831.09	107.1	12563.94	164992	52.9394 ng/ml
Fluorofentanyl	5.128	135539	388.87	42.3	58124.23	5163	4.6773 ng/ml
Fluoxetine	5.704	590462	37647.31	6.6	44698.42	410209	45.5408 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	208864	261.87	40.1	360.77	234674	54.2843 ng/ml
Hydromorphone	1.609	138697	1070357.61	85.8	20816.89	101557	49.0064 ng/ml
Hydroxyzine	5.687	597724	20405.55	75.0	392744.08	270879	46.2471 ng/ml
Ketamine	4.030	522224	764.77	35.5	680.85	323409	54.0029 ng/ml
Lamotrigine	4.260	42616	5304.24	92.0	1008.47	1096438	52.0201 ng/ml
Lorazepam	5.737	191721	2563.86	58.3	682.66	343748	52.1658 ng/ml
MDA	3.184	823224	3486.65	35.2	1809.67	408798	52.4716 ng/ml
MDMA	3.285	457494	4720.34	109.3	5967.06	101554	50.2509 ng/ml
Meprobamate	4.895	273570	585.01	33.7	5073.26	288266	52.5426 ng/ml
Methadone	5.649	818010	1339.96	72.4	49630.83	659166	48.7850 ng/ml
Methamphetamine	3.212	1197940	1095.99	29.2	410.63	835651	53.0478 ng/ml
Metoprolol	4.320	142584	6130.60	109.0	11853.74	1194797	52.1246 ng/ml
Mirtazapine	4.586	823061	2638.80	62.1	2699.63	542527	46.1752 ng/ml
Mitragynine	5.202	216698	86794.20	35.1	2551.59	659166	50.1104 ng/ml
Morphine	1.247	18368	4606.87	42.3	2168.61	2494	50.4110 ng/ml
Norbuprenorphine	4.990	2687	2841.51	103.1	23406.99	21427	4.7633 ng/ml
Nordiazepam	5.877	261002	1414.61	53.1	10227.63	146432	51.1751 ng/ml
Norfentanyl	4.071	124873	1599.41	37.3	352.55	950854	4.5227 ng/ml
Norhydrocodone	3.060	35822	597.77	41.4	79.95	65738	46.9657 ng/ml
Noroxycodone	2.904	185696	1140.36	47.0	13.93	125396	50.3596 ng/ml
O-desmethyl-tramadol	3.359	1265544	179368.33	6.0	395.54	1416264	47.6340 ng/ml
o-desmethylvenlafaxine	4.056	1870138	165958.33	14.0	1613.63	197881	46.1433 ng/ml
Olanzapine	4.352	232973	1406.67	65.1	525.76	110022	48.3355 ng/ml
Oxazepam	5.740	307010	2644.42	70.8	650.13	343748	52.6063 ng/ml
Oxycodone	2.822	356598	1555.76	32.5	1271.37	306939	52.7319 ng/ml
Oxymorphone	1.405	202153	∞	50.7	2166.99	126993	49.7765 ng/ml
Phentermine	3.767	319663	420.70	5.4	486.54	663080	52.4733 ng/ml
Promethazine	5.534	1081862	851.14	31.1	2002.32	856131	47.6840 ng/ml
Pseudoephedrine	2.569	1414857	34893.79	17.8	23879.05	1096438	47.0012 ng/ml
Quetiapine	5.510	603582	14419.15	60.7	675923.47	160792	50.6678 ng/ml
Sertraline	5.766	144836	8648.23	90.0	1176.60	111039	49.5820 ng/ml
Temazepam	5.800	579541	12206.01	26.4	1501.60	537116	52.5133 ng/ml
Tramadol	4.239	1224356	1233.77	3.5	336.16	1194797	53.4526 ng/ml
Trazodone	5.025	653609	21035.06	71.6	1915.77	492980	52.6452 ng/ml
Venlafaxine	5.036	1196193	3803.27	29.9	4272.76	1253080	47.0310 ng/ml
Zolpidem	4.809	934961	3213.74	27.7	218564.47	969517	49.5957 ng/ml

TS

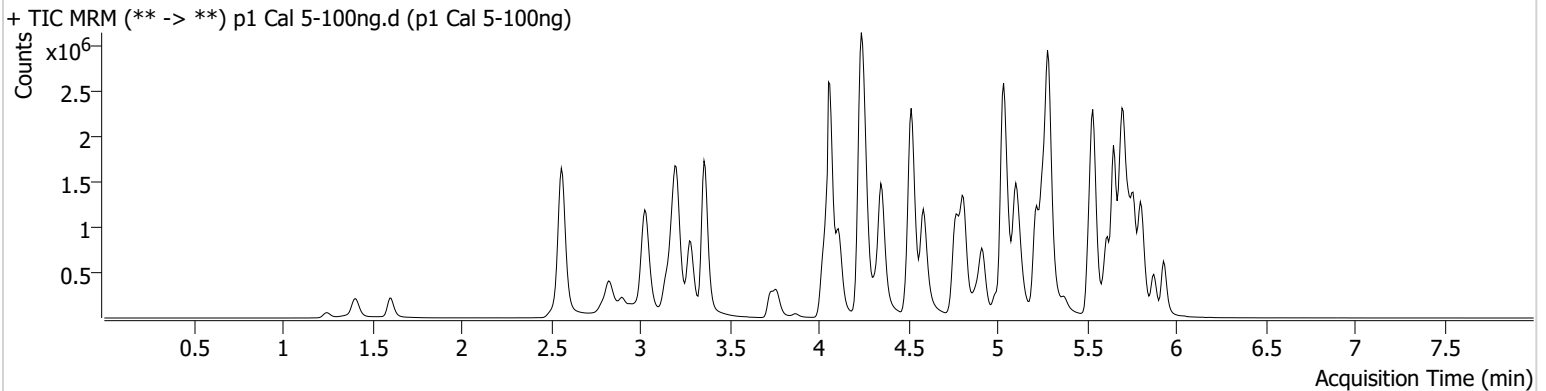


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 5-100ng.d  
**Type** Cal **Sample** p1 Cal 5-100ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-E1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 9:15:05 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	25658	779.99	66.6	10297.69	67146	10.0653 ng/ml
7-aminoclonazepam	4.244	362204	5580.13	74.1	441.14	159422	102.0574 ng/ml
a-hydroxyalprazolam	5.682	102461	749.98	63.2	113.26	484111	102.3697 ng/ml
alpha-PHP	4.921	445747	4089.01	255.9	7876.01	576761	97.6752 ng/ml
alpha-PVP	4.357	1545610	65374.04	54.9	3970.05	576761	97.5309 ng/ml
Alprazolam	5.759	730431	695.53	102.7	918.82	160622	102.8288 ng/ml
Amphetamine	3.030	2556101	4676.03	37.0	5788.78	307685	94.5682 ng/ml
Benzoylecgonine	3.871	34032	55605.86	8.2	69.66	12078	104.2550 ng/ml
Buprenorphine	5.653	30530	776.27	13.9	5296.46	107757	10.4367 ng/ml
Bupropion	4.771	1505385	92032.87	64.3	9586.87	486931	104.7641 ng/ml
Carisoprodol	5.714	645296	1808090.74	77.1	355.91	273142	98.4204 ng/ml
Chlordiazepoxide	5.814	234375	4924.51	20.8	1114.63	262812	104.3808 ng/ml
Chlorpheniramine	5.104	2642105	96187.89	0.3	4137.10	1075227	101.5389 ng/ml
Citalopram	5.218	1583903	33134.09	28.4	400708.77	528525	102.4838 ng/ml
Clonazepam	5.601	540782	2155.96	30.0	38140.25	82584	102.3621 ng/ml
Clonazolam	5.545	489973	3088.67	39.5	183246.00	82584	105.5123 ng/ml
Cocaine	4.257	969648	1334.39	60.8	20800.85	796756	102.2728 ng/ml
Codeine	2.566	110085	∞	94.2	682.33	45169	103.4519 ng/ml
Cyclobenzaprine	5.618	876233	279556.91	8.3	118.30	400324	97.5558 ng/ml
Dextromethorphan	5.262	647721	8635.54	82.4	256.96	278178	99.1795 ng/ml
Dextrorphan	4.111	476273	25139.88	211.6	73142.90	486171	99.2065 ng/ml
Diazepam	5.931	588498	770.10	88.3	856.54	197820	102.8618 ng/ml
Dihydrocodeine	2.538	281980	192.39	72.4	1346.80	199594	105.2255 ng/ml
Diphenhydramine	5.290	3772473	1884.26	32.9	21314.14	1416218	98.0766 ng/ml
DMT	2.838	167714	7929.29	133.6	3110.14	278178	94.0326 ng/ml
Doxylamine	4.518	3146907	1561.22	92.1	11963.53	1300431	102.4411 ng/ml
Duloxetine	5.644	94917	3249.88	12.5	1312.41	45052	101.1613 ng/ml
EDDP	5.255	1234024	776.10	40.3	625.14	551733	99.0594 ng/ml
Etizolam	5.797	361137	4581.54	27.1	139783.37	82584	92.8515 ng/ml
Fentanyl	5.074	137080	3036.87	54.2	112772.22	581325	9.6531 ng/ml
Flualprazolam	5.695	265760	5801.84	112.0	14259.52	160622	100.2892 ng/ml
Fluorofentanyl	5.128	289972	8021.77	42.4	1487.90	5205	9.8473 ng/ml
Fluoxetine	5.704	1147922	52372.57	6.9	489246.56	373542	96.4579 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	421339	343.98	41.3	∞	249987	104.1327 ng/ml
Hydromorphone	1.609	299997	1255707.98	85.6	15485.04	107608	99.6289 ng/ml
Hydroxyzine	5.687	1257597	38323.47	77.0	626134.06	278178	93.8606 ng/ml
Ketamine	4.030	1111060	47993.37	34.4	1024.92	346320	108.4339 ng/ml
Lamotrigine	4.267	83787	1565.97	94.0	1758.68	1093597	103.0206 ng/ml
Lorazepam	5.730	285592	2313.81	57.5	536.46	282401	95.7339 ng/ml
MDA	3.184	1523349	10003.70	34.0	5964.61	402021	99.8970 ng/ml
MDMA	3.285	982512	90375.00	109.7	7114.33	107078	102.7187 ng/ml
Meprobamate	4.895	519497	27387.81	33.3	6163.29	287786	101.2223 ng/ml
Methadone	5.649	1771546	79113.35	71.3	2256.68	715193	97.1541 ng/ml
Methamphetamine	3.205	2603735	31500.61	28.6	1214.88	922071	106.2358 ng/ml
Metoprolol	4.320	302345	4335.23	107.8	53332.57	1234825	107.6549 ng/ml
Mirtazapine	4.586	1799188	7257.22	62.0	5549.68	576761	94.1375 ng/ml
Mitragynine	5.202	481501	507986.56	34.4	83808.03	715193	102.1439 ng/ml
Morphine	1.247	39765	1156.86	41.8	460.02	2534	107.4275 ng/ml
Norbuprenorphine	4.990	6094	11938.78	90.8	7109.15	23756	10.1434 ng/ml
Nordiazepam	5.877	519559	32473.50	53.7	1390.15	143858	104.0291 ng/ml
Norfentanyl	4.078	261596	1299.88	37.4	559.09	922287	9.7068 ng/ml
Norhydrocodone	3.060	74565	722.26	38.9	133.34	63726	99.5745 ng/ml
Noroxycodone	2.904	370761	3205.70	47.3	1252.17	125598	100.9135 ng/ml
O-desmethyl-tramadol	3.366	2793440	71663.18	5.8	562.31	1503116	98.7539 ng/ml
o-desmethylvenlafaxine	4.063	4131939	123718.20	13.7	872.78	202628	98.7230 ng/ml
Olanzapine	4.345	516727	1440.87	66.5	2224.91	116036	101.5555 ng/ml
Oxazepam	5.740	496417	346.00	70.1	3613.49	282401	104.1975 ng/ml
Oxycodone	2.822	751447	4240.25	32.9	777.19	323188	106.3560 ng/ml
Oxymorphone	1.405	420371	2332.21	49.8	927.70	127772	103.1531 ng/ml
Phentermine	3.767	664513	3130.87	5.3	85.07	729516	99.8731 ng/ml
Promethazine	5.534	2429666	4884.49	31.1	790.12	922258	98.8205 ng/ml
Pseudoephedrine	2.569	2957283	73013.23	17.4	61913.95	1093597	98.0929 ng/ml
Quetiapine	5.510	1300912	129380.70	60.4	1433605.61	168461	104.7431 ng/ml
Sertraline	5.766	291427	460.60	92.6	523.94	109848	100.6009 ng/ml
Temazepam	5.800	1050523	705.16	26.0	3067.86	484111	106.2568 ng/ml
Tramadol	4.239	2573548	2752.59	3.6	186.18	1234825	111.0874 ng/ml
Trazodone	5.025	1332450	3514.46	73.8	5525.44	542065	98.1786 ng/ml
Venlafaxine	5.036	2627327	1694.26	29.0	37073.02	1302192	98.9326 ng/ml
Zolpidem	4.809	2056361	86555.94	27.7	8344.56	1042442	101.7351 ng/ml

TS

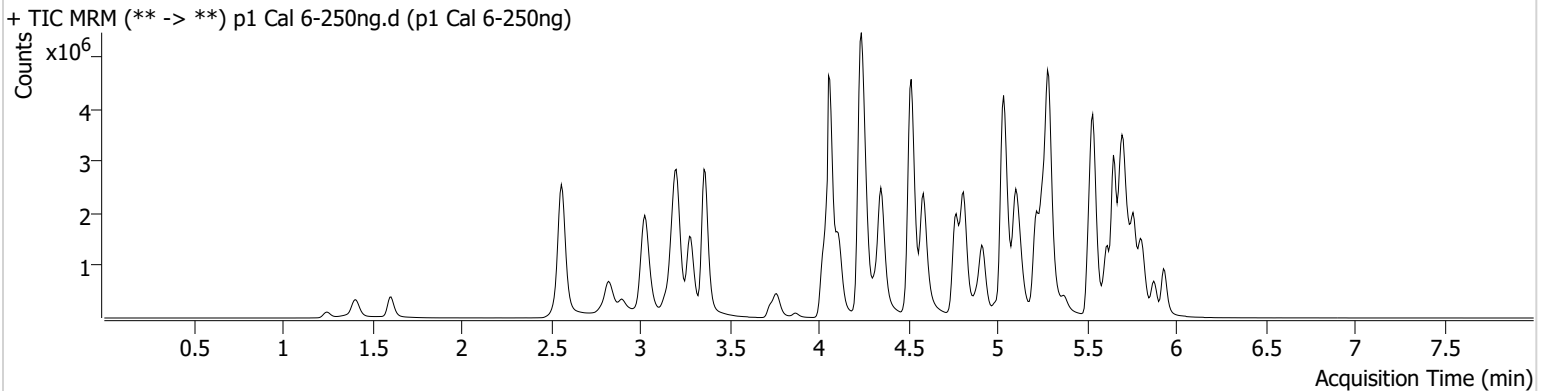


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 6-250ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 6-250ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	3/8/2023 9:25:43 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	53059	42797.27	67.9	1899.12	56618	24.6744 ng/ml
7-aminoclonazepam	4.237	546309	7202.61	75.8	6176.56	116440	211.7354 ng/ml
a-hydroxyalprazolam	5.682	136095	227.25	63.3	336.79	275140	242.0642 ng/ml
alpha-PHP	4.921	856969	1088.23	255.6	4943.70	442675	244.1160 ng/ml
alpha-PVP	4.350	3034223	2855.81	53.7	1698.10	442675	249.1254 ng/ml
Alprazolam	5.759	1285228	1023.11	98.1	∞	109673	265.2340 ng/ml
Amphetamine	3.030	4392375	30902.36	36.8	1639.97	259628	193.7151 ng/ml
Benzoylcegonine	3.871	75196	36076.37	8.5	1044.04	11226	247.3702 ng/ml
Buprenorphine	5.653	50231	28127.49	15.2	7993.36	74592	24.9860 ng/ml
Bupropion	4.771	2983896	5001.82	63.6	1000.17	397648	254.8749 ng/ml
Carisoprodol	5.714	971944	553.41	77.0	243.24	160700	250.6294 ng/ml
Chlordiazepoxide	5.821	355979	6424.00	22.0	1313.96	167505	249.1043 ng/ml
Chlorpheniramine	5.104	5343909	24215.19	0.3	345.83	893439	246.8773 ng/ml
Citalopram	5.218	2934809	70250.99	28.4	486.34	401690	249.2690 ng/ml
Clonazepam	5.601	852939	108178.67	29.9	44718.08	54955	243.9161 ng/ml
Clonazolam	5.545	756654	874881.58	42.0	289716.05	54955	246.0418 ng/ml
Cocaine	4.257	1861209	1814.53	60.0	471997.66	622697	251.5078 ng/ml
Codeine	2.559	193018	40476.51	94.5	108.23	36050	229.4458 ng/ml
Cyclobenzaprine	5.618	1669725	536.10	7.8	140.25	293370	253.1688 ng/ml
Dextromethorphan	5.262	1167092	560.90	81.5	411.91	196758	252.8240 ng/ml
Dextrorphan	4.111	910801	3339.40	218.1	1654.40	374210	246.4943 ng/ml
Diazepam	5.931	1020228	1112.87	88.2	19870.33	139096	253.9163 ng/ml
Dihydrocodeine	2.531	556252	55155.46	71.9	137.62	170123	244.8697 ng/ml
Diphenhydramine	5.290	7226419	1115.45	32.3	736346.74	1038834	255.5123 ng/ml
DMT	2.838	324719	19391.74	140.7	17336.86	196758	256.2014 ng/ml
Doxylamine	4.518	6731444	175236.63	90.8	161565.95	1073085	265.4875 ng/ml
Duloxetine	5.644	148208	3136.28	13.1	927.26	30237	235.5642 ng/ml
EDDP	5.255	2356487	718.04	40.1	9440.23	413992	251.7020 ng/ml
Etizolam	5.797	648709	6517.22	27.7	68777.43	54955	249.5211 ng/ml
Fentanyl	5.074	278030	17779.29	55.3	174398.08	455596	24.8825 ng/ml
Flualprazolam	5.695	399592	1027.02	118.7	49408.79	109673	222.1233 ng/ml
Fluorofentanyl	5.128	579454	21905.04	43.2	7872.44	4060	25.1220 ng/ml
Fluoxetine	5.704	1801909	24404.21	6.6	249.75	224475	250.8666 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	800998	349.66	41.5	904.59	205832	242.3833 ng/ml
Hydromorphone	1.609	628296	2926355.53	84.2	4057977.69	88453	253.2321 ng/ml
Hydroxyzine	5.687	2352721	2831.35	78.8	53065.22	196758	246.8633 ng/ml
Ketamine	4.030	2167278	49596.80	34.0	591.75	285379	258.2636 ng/ml
Lamotrigine	4.267	147557	4188.50	93.2	22102.75	807800	246.2993 ng/ml
Lorazepam	5.730	342007	6046.60	60.2	2367.54	148801	219.3706 ng/ml
MDA	3.184	2445301	21667.70	32.3	8701.27	298235	217.6960 ng/ml
MDMA	3.285	1949621	10780.97	108.3	33972.36	86298	253.4244 ng/ml
Meprobamate	4.895	850129	524.27	34.0	9152.48	229183	209.4979 ng/ml
Methadone	5.649	3489386	63654.86	68.9	2912.35	535186	255.3630 ng/ml
Methamphetamine	3.205	5091012	66048.56	28.3	3982.56	797380	242.4676 ng/ml
Metoprolol	4.320	573955	23051.49	106.3	22994.76	1013212	249.9511 ng/ml
Mirtazapine	4.586	3671779	75196.72	62.0	5168.31	442675	249.0367 ng/ml
Mitragynine	5.202	897256	1115152.95	35.7	4745.46	535186	253.6798 ng/ml
Morphine	1.247	81453	1227.69	40.9	412.56	2068	269.6423 ng/ml
Norbuprenorphine	4.990	12137	19885.60	99.3	6762.22	20202	24.2703 ng/ml
Nordiazepam	5.877	870941	49016.08	53.4	803.99	98706	254.6273 ng/ml
Norfentanyl	4.078	486322	50570.53	38.0	1548.09	647544	25.6150 ng/ml
Norhydrocodone	3.060	143391	591.32	40.6	189.69	48921	247.7664 ng/ml
Noroxycodone	2.897	646124	589.90	48.1	9406.17	87289	253.8450 ng/ml
O-desmethyl-tramadol	3.366	5860019	65430.50	5.7	12810.82	1220503	254.6741 ng/ml
o-desmethylvenlafaxine	4.056	8134354	233391.07	13.7	4107.00	158366	247.5705 ng/ml
Olanzapine	4.345	844435	5979.17	66.9	1260.24	77239	249.2008 ng/ml
Oxazepam	5.740	614519	7531.74	71.2	142.80	148801	245.7136 ng/ml
Oxycodone	2.815	1432481	8914.06	32.8	1153.85	279652	235.2980 ng/ml
Oxymorphone	1.405	809750	1956.55	49.7	661.57	99921	254.4654 ng/ml
Phentermine	3.767	1207841	3725.61	5.3	1921.30	606321	219.3862 ng/ml
Promethazine	5.534	4767299	1076.08	30.0	111801.46	702957	253.5309 ng/ml
Pseudoephedrine	2.562	5548539	62736.59	17.3	6595.01	807800	248.5934 ng/ml
Quetiapine	5.510	2523777	79200.87	61.1	2582555.73	138778	247.3171 ng/ml
Sertraline	5.766	470985	835.57	92.2	623.04	69151	257.9000 ng/ml
Temazepam	5.807	1364741	14984.43	26.8	126.58	275140	243.7000 ng/ml
Tramadol	4.232	5375894	4020.64	3.4	678.13	1013212	286.3559 ng/ml
Trazodone	5.025	2494756	89098.26	74.6	51123.32	455357	219.6492 ng/ml
Venlafaxine	5.036	5179125	2952.54	28.8	971.23	1010341	250.7046 ng/ml
Zolpidem	4.809	4253126	532352.22	27.1	2149195.57	865975	253.7004 ng/ml



TS

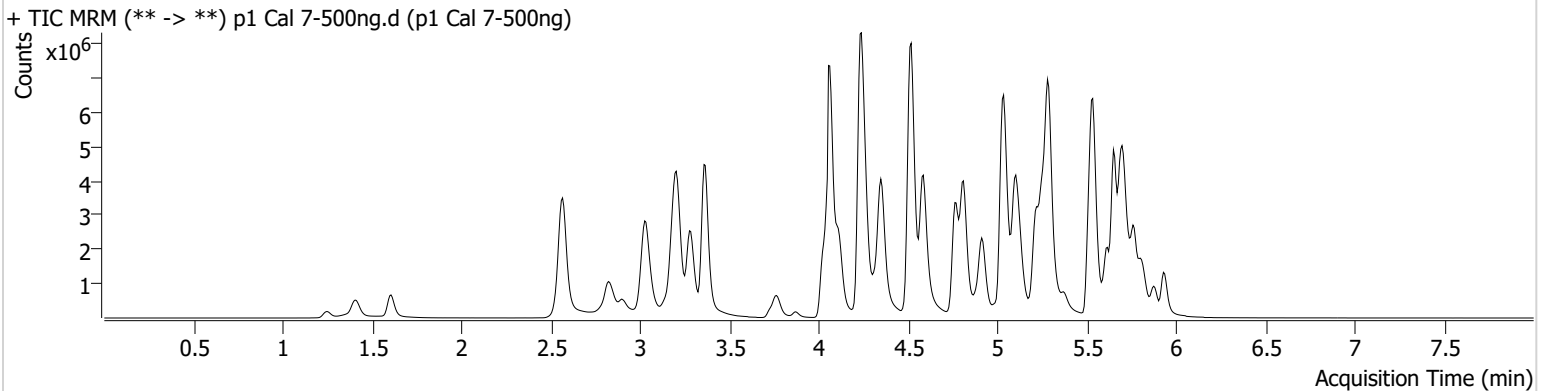


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 7-500ng.d  
**Type** Cal **Sample** p1 Cal 7-500ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-G1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 9:36:20 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	103281	3455.14	66.6	1814.14	53064	51.2388 ng/ml
7-aminoclonazepam	4.237	609109	8316.99	80.9	4654.86	88555	310.8413 ng/ml
a-hydroxyalprazolam	5.675	137522	222.81	62.8	164.45	151390	446.3068 ng/ml
alpha-PHP	4.914	1572298	1516.17	257.5	157165.78	380089	521.2182 ng/ml
alpha-PVP	4.357	5291833	5394.13	53.8	60939.61	380089	505.8082 ng/ml
Alprazolam	5.759	1856130	658.40	100.8	1295.84	82733	507.9233 ng/ml
Amphetamine	3.037	6497986	60141.16	36.7	2221.66	245538	303.6377 ng/ml
Benzoylecgonine	3.871	152402	29038.32	8.4	15552.08	11174	503.3520 ng/ml
Buprenorphine	5.653	75362	1860.81	15.1	19568.81	56913	49.2574 ng/ml
Bupropion	4.765	5437269	2251.73	63.4	1415.80	377000	490.2547 ng/ml
Carisoprodol	5.714	1174354	286.82	76.7	340.20	93418	520.0045 ng/ml
Chlordiazepoxide	5.821	461823	11189.36	24.4	2206.55	112532	481.2864 ng/ml
Chlorpheniramine	5.104	10082329	24786.12	0.3	1596.18	812674	511.8614 ng/ml
Citalopram	5.218	4584278	118559.66	28.1	675.34	309453	505.0076 ng/ml
Clonazepam	5.601	1041410	97561.29	29.9	599139.05	39331	416.7852 ng/ml
Clonazolam	5.552	973107	348380.18	40.3	424818.65	39331	442.8359 ng/ml
Cocaine	4.257	3098535	82218.91	60.2	3177.01	514576	506.9144 ng/ml
Codeine	2.566	284636	7324.67	91.5	186.12	29205	419.1404 ng/ml
Cyclobenzaprine	5.618	2874328	54490.96	7.7	197.53	246022	519.3564 ng/ml
Dextromethorphan	5.262	1777372	377.43	81.6	377.70	151652	499.6507 ng/ml
Dextrorphan	4.111	1600152	1364.74	216.7	155195.99	315878	513.0364 ng/ml
Diazepam	5.931	1583004	∞	88.2	54029.32	114081	480.5615 ng/ml
Dihydrocodeine	2.538	897550	201.87	72.7	202.66	160816	418.7007 ng/ml
Diphenhydramine	5.290	11824564	830.51	32.9	503.40	838133	517.8228 ng/ml
DMT	2.838	558357	4306.91	149.9	118945.77	151652	570.7211 ng/ml
Doxylamine	4.518	12445671	467721.31	90.9	10929.83	1020814	515.9515 ng/ml
Duloxetine	5.644	212287	21917.70	12.8	2752.88	20939	487.4097 ng/ml
EDDP	5.255	4388624	3356.09	39.8	105754.85	382107	507.6114 ng/ml
Etizolam	5.797	1046734	1540.32	26.3	4117.51	39331	561.7260 ng/ml
Fentanyl	5.074	526024	2835.40	55.3	389357.14	411859	52.0077 ng/ml
Flualprazolam	5.695	495823	6509.79	117.5	1911.27	82733	366.0464 ng/ml
Fluorofentanyl	5.128	1095247	17480.48	43.0	21002.38	3385	56.8539 ng/ml
Fluoxetine	5.711	2819479	665.70	6.7	194.94	168022	523.6822 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	1402044	∞	41.8	∞	186193	470.4057 ng/ml
Hydromorphone	1.609	1133144	5912103.42	86.2	4041723.14	80246	503.0276 ng/ml
Hydroxyzine	5.687	3926494	13929.65	80.0	121768.33	151652	533.5444 ng/ml
Ketamine	4.030	3633075	83202.59	33.7	16431.52	261728	473.0137 ng/ml
Lamotrigine	4.274	198892	13683.48	98.0	2515.66	610675	439.5380 ng/ml
Lorazepam	5.730	373705	447053.42	57.5	651.20	78525	455.7329 ng/ml
MDA	3.178	3217692	16630.18	33.6	1713.72	243715	351.3458 ng/ml
MDMA	3.285	3228072	21492.09	114.2	108187.81	73477	493.1535 ng/ml
Meprobamate	4.895	1163819	654.88	32.7	8674.48	189463	347.8579 ng/ml
Methadone	5.649	6051450	121323.44	68.5	171541.85	459742	515.3094 ng/ml
Methamphetamine	3.205	8749628	64061.78	27.5	1231.25	786102	424.0285 ng/ml
Metoprolol	4.313	854158	14143.17	107.1	37706.26	905170	416.8249 ng/ml
Mirtazapine	4.586	6706010	387469.56	61.1	164366.31	380089	528.8618 ng/ml
Mitragynine	5.196	1502730	29046.37	36.1	584291.16	459742	494.1520 ng/ml
Morphine	1.247	144111	2304.06	42.5	1162.77	1994	494.7720 ng/ml
Norbuprenorphine	4.990	23231	50883.45	97.9	68242.16	18493	51.1618 ng/ml
Nordiazepam	5.877	1205596	371.81	51.9	1101.82	71270	488.4519 ng/ml
Norfentanyl	4.078	763074	49594.46	37.4	6997.80	454986	57.1364 ng/ml
Norhydrocodone	3.060	262835	∞	41.1	210.34	41780	530.5007 ng/ml
Noroxycodone	2.904	972252	6050.52	48.0	2015.71	67254	496.2628 ng/ml
O-desmethyl-tramadol	3.366	10492537	111306.31	5.6	17970.42	1066420	521.5828 ng/ml
o-desmethylvenlafaxine	4.063	14157863	219201.45	13.3	9864.33	130219	523.2241 ng/ml
Olanzapine	4.339	1716790	3058.93	66.8	78401.61	73173	534.6917 ng/ml
Oxazepam	5.740	605306	75.00	70.8	71.32	78525	459.2245 ng/ml
Oxycodone	2.815	2354612	1129.96	32.4	2454.98	250806	431.9335 ng/ml
Oxymorphone	1.405	1356044	1286.71	49.8	∞	84898	501.7926 ng/ml
Phentermine	3.767	1927518	∞	5.2	737.48	575823	369.2025 ng/ml
Promethazine	5.534	9051571	3261.83	29.7	1670.78	637218	530.4387 ng/ml
Pseudoephedrine	2.569	8779475	112505.40	17.0	96229.72	610675	519.9220 ng/ml
Quetiapine	5.510	4268291	621.04	61.7	1066.92	128278	452.9071 ng/ml
Sertraline	5.773	757989	17790.93	90.6	525.75	57562	498.3968 ng/ml
Temazepam	5.807	1471651	219868.26	26.4	9743.47	151390	478.2127 ng/ml
Tramadol	4.232	8966932	∞	3.4	194.90	905170	536.6409 ng/ml
Trazodone	5.025	3886650	90533.97	76.6	90683.86	465203	335.3082 ng/ml
Venlafaxine	5.036	9230969	10140.66	27.5	2126.08	868337	519.4619 ng/ml
Zolpidem	4.809	7649946	359215.40	26.4	10741.13	792406	498.9513 ng/ml



TS

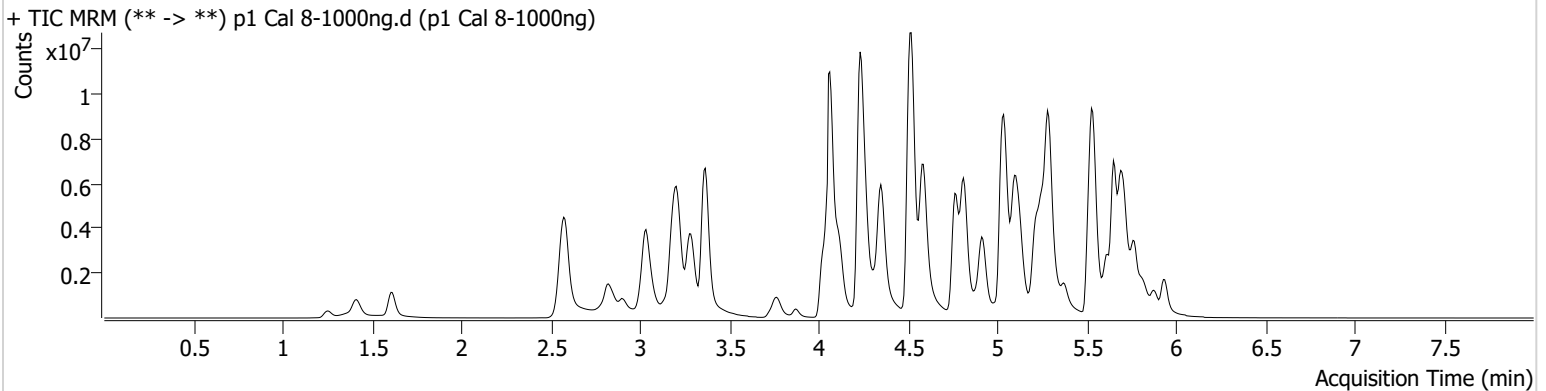


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2023\AM 27 28\030823 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 3/10/2023 11:49:42 AM

**Instrument** Falco (069901) **Data File** p1 Cal 8-1000ng.d  
**Type** Cal **Sample** p1 Cal 8-1000ng  
**Acq. Method** AM 28 MDQ P1.m **Operator** Tamara Salazar  
**Sample Position** P2-H1 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 3/8/2023 9:46:58 PM  
**Sample Info.**

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	205978	7739.21	66.4	129312.47	54696	99.1311 ng/ml
7-aminoclonazepam	4.237	517528	3818.94	80.3	3561.93	58540	399.7855 ng/ml
a-hydroxyalprazolam	5.675	128048	178.08	61.8	104.84	71375	883.4894 ng/ml
alpha-PHP	4.914	2653503	1822.25	265.0	103170.55	306357	1090.9451 ng/ml
alpha-PVP	4.350	8994060	373657.37	52.8	35023.32	306357	1066.3407 ng/ml
Alprazolam	5.759	2431198	491.33	104.1	151.24	59631	923.1706 ng/ml
Amphetamine	3.037	9111776	318518.84	36.7	2119.81	234814	445.7302 ng/ml
Benzoylcegonine	3.871	347356	14623.66	8.6	1642.01	12624	1015.1930 ng/ml
Buprenorphine	5.659	81721	522.31	14.7	1374.58	31545	96.4928 ng/ml
Bupropion	4.765	9482942	1018.04	62.2	954.40	365322	882.6998 ng/ml
Carisoprodol	5.721	1264768	123.01	76.7	163.53	46766	1117.7348 ng/ml
Chlordiazepoxide	5.821	532511	10581.53	26.1 <b>High</b>	1422.17	66224	943.2617 ng/ml
Chlorpheniramine	5.107	17566008	242565.30	0.3	706.82	710796	1019.4201 ng/ml
Citalopram	5.218	6350121	186635.36	27.8	27914.19	207830	1041.1562 ng/ml
Clonazepam	5.594	1135182	44258.28	30.2	449910.17	27578	648.4593 ng/ml
Clonazolam	5.558	1061340	2177086.73	41.3	813279.91	27578	689.3261 ng/ml
Cocaine	4.257	4688350	319617.65	59.7	52301.54	401595	982.9978 ng/ml
Codeine	2.573	389042	16909.59	92.7	176.32	25423	659.1403 ng/ml
Cyclobenzaprine	5.618	4366397	1143.93	7.5	742.29	181797	1067.3421 ng/ml
Dextromethorphan	5.262	2449785	190.42	80.7	175.53	106521	980.5677 ng/ml
Dextrorphan	4.111	2648184	88319.39	217.6	158549.87	256486	1045.6726 ng/ml
Diazepam	5.938	2302628	∞	88.0	28766.20	84648	942.2828 ng/ml
Dihydrocodeine	2.545	1384670	556.40	72.0	156.16	174924	594.2669 ng/ml
Diphenhydramine	5.290	17699642	280.57	32.9	287.22	628678	1032.9678 ng/ml
DMT	2.838	935546	33513.79	159.7 <b>High</b>	81198.79	106521	1360.4655 ng/ml
Doxylamine	4.518	21965533	198404.29	92.4	221705.25	1026873	905.2058 ng/ml
Duloxetine	5.637	214706	6177.03	12.2	1208.79	9633	1071.6954 ng/ml
EDDP	5.255	7153736	64383.98	39.8	38755.22	312385	1011.8604 ng/ml
Etizolam	5.797	1524332	8669.95	27.4	6506.20	27578	1165.9432 ng/ml
Fentanyl	5.067	955044	864.00	53.3	647827.18	350775	110.7969 ng/ml
Flualprazolam	5.695	564975	6334.67	119.5	34477.13	59631	579.3124 ng/ml
Fluorofentanyl	5.128	2043301	48924.02	43.2	14443.51	2698	133.0048 ng/ml
Fluoxetine	5.711	3774039	661.12	6.7	141601.01	104846	1122.5842 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	2574209	∞	42.4	∞	181182	888.8940 ng/ml
Hydromorphone	1.615	2159251	16081906.09	86.6	13652566.83	76901	999.8422 ng/ml
Hydroxyzine	5.687	5790828	30603.69	78.7	365451.66	106521	1119.3347 ng/ml
Ketamine	4.023	5669014	175187.43	33.2	20240.60	239452	807.5645 ng/ml
Lamotrigine	4.274	237325	2211.76	94.2	13620.57	453975	705.8051 ng/ml
Lorazepam	5.730	401740	1752.03	57.8	518.31	35108	1097.7801 ng/ml
MDA	3.178	4210604	4931.77	32.9	3688.98	189367	592.6184 ng/ml
MDMA	3.285	5306240	4459.54	108.7	2659.00	62445	954.1833 ng/ml
Meprobamate	4.888	1484168	86813.05	33.5	21181.12	150341	559.9035 ng/ml
Methadone	5.649	9640611	1887.99	70.5	1878.98	372786	1012.2215 ng/ml
Methamphetamine	3.205	13623580	118042.46	26.7	28357.98	871103	596.5356 ng/ml
Metoprolol	4.313	1158818	499242.37	106.8	5960.51	835271	613.1378 ng/ml
Mirtazapine	4.586	11789652	123585.42	61.1	33249.94	306357	1152.6452 ng/ml
Mitragynine	5.196	2422751	201272.38	36.7	2189395.50	372786	982.0722 ng/ml
Morphine	1.253	251028	17433.48	46.0	6596.99	1973	871.0053 ng/ml
Norbuprenorphine	4.990	43104	38986.66	97.3	1085.48	17671	99.7057 ng/ml
Nordiazepam	5.877	1542441	194581.38	53.7	6908.65	48817	912.6362 ng/ml
Norfentanyl	4.078	1040933	40949.55	38.0	10791.32	238622	148.5286 ng/ml
Norhydrocodone	3.060	505127	263.77	41.3	∞	37504	1134.5200 ng/ml
Noroxycodone	2.904	1472430	768.22	47.9	450.25	50653	998.4234 ng/ml
O-desmethyl-tramadol	3.366	18432335	102421.77	5.7	2300.22	946444	1032.1360 ng/ml
o-desmethylvenlafaxine	4.063	22775934	468558.12	13.4	34406.80	99828	1097.1741 ng/ml
Olanzapine	4.332	2434182	1752.51	68.0	9867.08	57368	966.9245 ng/ml
Oxazepam	5.740	552488	115.42	70.7	82.17	35108	938.2218 ng/ml
Oxycodone	2.815	3767536	∞	32.4	3019.15	228778	758.2864 ng/ml
Oxymorphone	1.411	2497837	∞	49.7	531.22	82370	952.9071 ng/ml
Phentermine	3.767	3045479	∞	5.5	2870.09	598952	561.2372 ng/ml
Promethazine	5.534	14891113	228724.86	29.8	51472.79	526029	1056.5605 ng/ml
Pseudoephedrine	2.583	13621952	878464.95	16.9	56549.82	453975	1084.7441 ng/ml
Quetiapine	5.510	6597351	31497.58	61.8	187856.26	124452	721.8449 ng/ml
Sertraline	5.773	946900	870.22	100.0	34262.04	35686	1004.0275 ng/ml
Temazepam	5.807	1333971	10179.01	28.0	2369.20	71375	920.0129 ng/ml
Tramadol	4.232	14057139	∞	3.1	82.22	835271	913.2795 ng/ml
Trazodone	5.018	4961277	58201.18	78.0	97669.86	479291	415.5976 ng/ml
Venlafaxine	5.036	15416284	165255.55	26.1	14160.94	699829	1075.9686 ng/ml
Zolpidem	4.809	13361986	302396.31	25.9	80147.83	720699	958.4694 ng/ml