










REVIEWED

By Anne Nord at 4:11 pm, May 05, 2022

5/3/2022

*Byylee*

**Worklist: 5851**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-0610	1	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0610	2	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0610	3	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0645	1	CBUK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0732	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0734	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0777	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0830	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0831	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

BWylie

Extraction Date 5/2/2022 Analyst: Britany Wylie  
Plate lot#: 211018 Plate re-test: 04/18/22

**Mobile phase A:** 5mM Amm Form + 0.01% FA 0.5M Ammonium Hydroxide  
**Mobile phase B:** 0.01% Formic Acid in MeOH Ethyl Acetate 20% Methanol in Water

**Blank Blood Lot:** 22B52020 **Urine Blank lot:** 21522

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

**LCMS-QQQ ID:** 69679

## Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist:

## Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Pipette 250µL 00.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. 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) Manifold ID: 66792
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.  
SPE Dry ID: 66819
- 15. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

## Post-Analytic

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

COMMENTS: URINE Batch only

Curve limits: Amphetamine 5-500, Buprenorphine 1-100, Lamotrigine 5-500, levetiracetam 5-500, Lorazepam 5-500, Metoprolol 5-250, Norbuprenorphine 2.5-100 Phentermine 10-1000, Clonazepam 5-250

5-250  
5-500  
BW  
5-5-22

Norhydrocodone was not evaluated due variable ratios.

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

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

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

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

**Technical Review**

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Departure approved  
Comments:

Departure Not Approved  
Comments:

Approver: Rachel Cutler  
Title: Laboratory Manager

*Rachel Cutler*

Date: 2/10/2022

**Quality Review**

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

*J. Crowe*

Buylee

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	ext urine ctrl	830	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	610-1	831	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	qc3	610-2		IS + Cal. 3	qc3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	610-3		IS + Cal. 4	IS + QC_4					qc2 urine	IS + Cal. 5
E	IS + Cal. 5	Qc 2 urine	645		IS + Cal. 5	Qc 2 urine					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	negative blood	732		IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	neg urine	734		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	ext blood ctrl	777		IS + Cal. 8						IS + QC_1	IS + Cal. 1

Run blanks before

c2022-\_\_-\_\_

BWylee

Toxicology AM method 25/28 urine external control prep

working solution 10000 ng/ml in meoh diphendyramine, methamphetamine, alprazolam, methocarbamol, morphine

Stock solution 1mg/ml 50 ul each in 4750 ul MeOH (Honeywell EA078-US)

ppd 6/25/21: Exp: 6/25/2022 lot 62522 by AMN

Drug	lot	expiration
Methamphetamine	FE03132001	7/1/2025
methocarbamol	FN01212005	1/1/2023
alprazolam	FE06102008	6/1/2025
Diphendyramine	FN02212011	3/1/2025
Morphine	FE03232010	4/1/2025

**AM 25/28 control 500 ul working solution (62522) in 4500 ul negative urine (1000ng/mL Expected concentration)**

ppd 6/25/21, exp 6/25/22 lot u62522 negative urine 5621 by AMN

ppd 4/26/22, exp 6/25/22 lot u42622 negative urine 22522 by baw

**AM 25/28 Blood Control: 50ul working solution (41422) in 4950 ul neg blood (100ng/mL Expected concentration)**

ppp 6/25/21, exp 6/25/22 lot b62522 neg blood 21D52496 by AMN

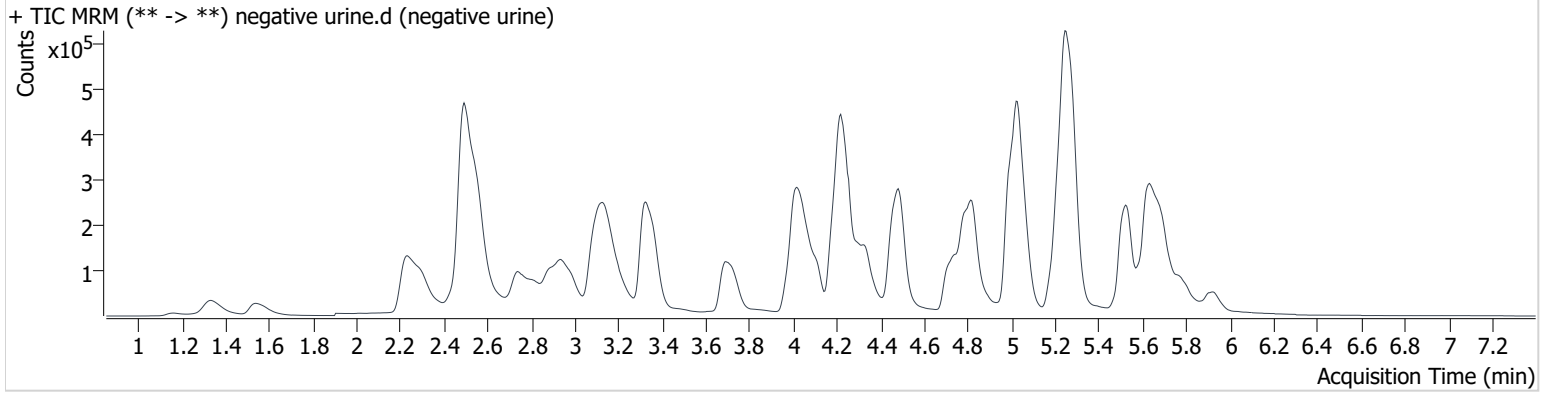
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	negative urine.d
<b>Type</b>	Sample	<b>Sample</b>	negative urine
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-G2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 5:56:58 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



# AM #28 Multi-Drug Quant. Results

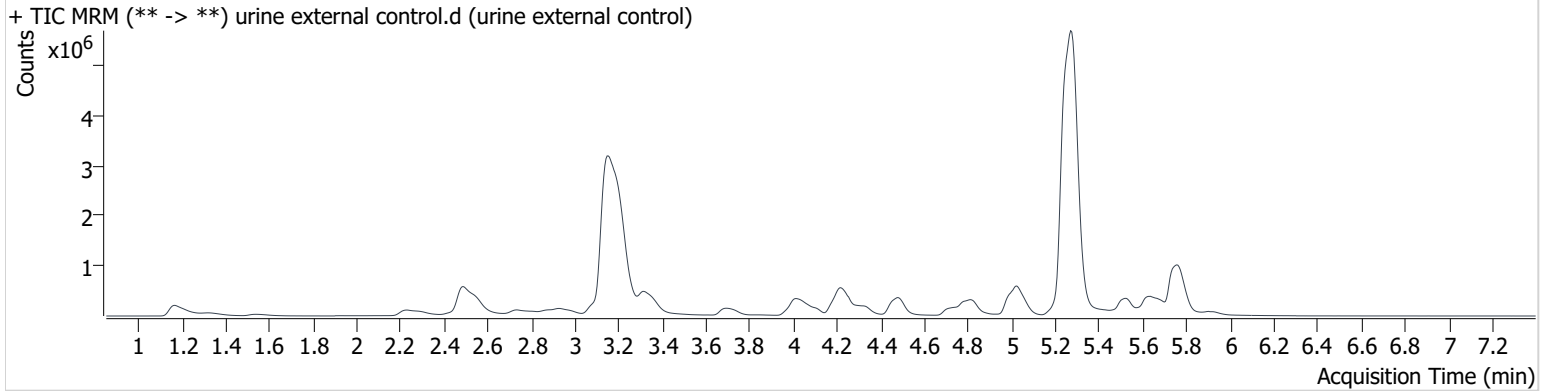
*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	urine external control.d
<b>Type</b>	Sample	<b>Sample</b>	urine external control
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-A3	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 6:06:00 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.756	2348131	∞	91.9	∞	125725	630.448 ng/ml
Diphenhydramine	5.272	19985445	143125.5	30.7	108500.1	1743830	630.929 ng/ml
Methamphetamine	3.154	11629190	∞	39.2	∞	972443	593.800 ng/ml
Morphine	1.166	445907	∞	23.0	∞	8916	611.827 ng/ml

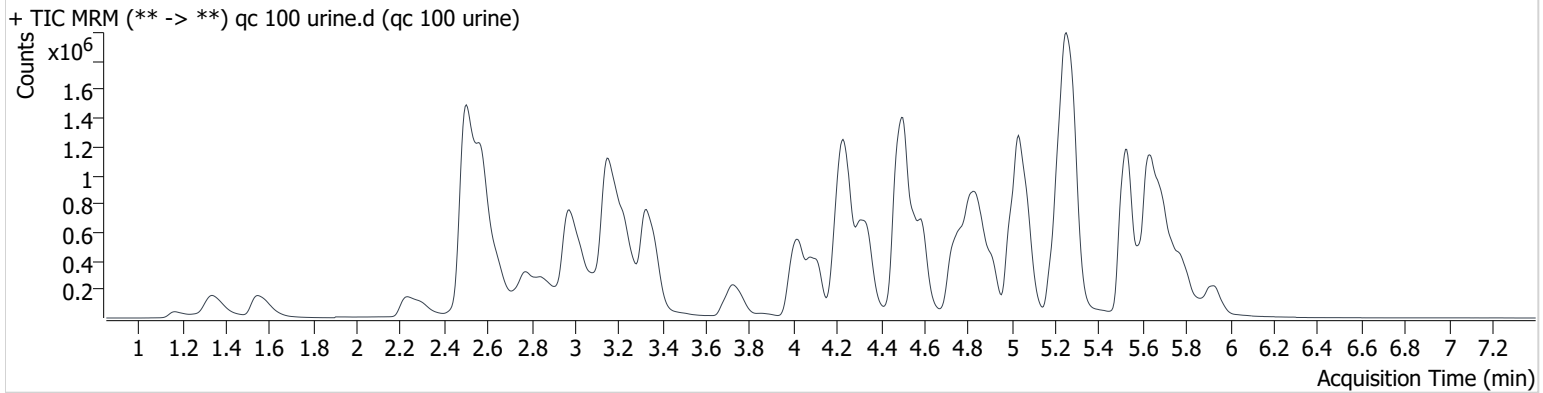
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc 100 urine.d
<b>Type</b>	Sample	<b>Sample</b>	qc 100 urine
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-E2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 5:38:54 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.104	21618	∞	131.4	10478.4	56837	10.337 ng/ml
7-aminoclonazepam	4.258	408334	4951.9	75.5	4873.6	146548	104.278 ng/ml
a-hydroxyalprazolam	5.672	35887	17933.1	56.1	359.7	34009	144.262 ng/ml
alpha-PHP	4.907	991533	21972.9	40.0	11265.5	586561	98.832 ng/ml
alpha-PVP	4.338	1355906	31329.6	53.0	12035.6	586561	95.559 ng/ml
Alprazolam	5.756	347362	2274.1	93.1	∞	117475	99.812 ng/ml
Amphetamine	2.975	1092258	22687.3	231.9	208047.6	409866	103.464 ng/ml
Benzoylcegonine	3.866	33374	29810.7	56.1	1067.6	12553	99.157 ng/ml
Buprenorphine	5.686	45676	∞	18.3	∞	78543	9.573 ng/ml
Bupropion	4.757	1300297	35738.5	65.6	6279.4	556959	103.243 ng/ml
Carisoprodol	5.711	219287	∞	61.1	3965.3	106739	94.213 ng/ml
Citalopram	5.206	928496	13612.4	39.9	4953.8	430295	95.584 ng/ml
Clonazepam	5.604	187383	31895.9	34.8	149338.8	34009	103.975 ng/ml
Clonazepam	5.551	188885	2549.6	42.3	377742.7	147944	140.865 ng/ml
Cocaine	4.242	888271	40561.8	49.9	82533.2	776850	100.727 ng/ml
Codeine	2.516	139801	35914.2	89.7	9357.9	63964	107.684 ng/ml
Cyclobenzaprine	5.606	1017856	21655.8	8.5	13195.8	333986	98.417 ng/ml
Dextromethorphan	5.250	675721	18027.9	78.6	15370.6	333463	97.461 ng/ml
Dextrophan	4.104	870680	33123.5	44.3	17200.2	457047	95.103 ng/ml
Diazepam	5.935	330128	3752.3	85.7	533209826 7160100.0	157100	104.473 ng/ml
Dihydrocodeine	2.485	368923	487.9	60.6	1577.9	230225	107.030 ng/ml
Diphenhydramine	5.277	2872644	69037.6	32.8	89714.2	1612669	98.171 ng/ml
Doxylamine	4.501	3045427	145346.4	82.2	63812.0	1192623	98.263 ng/ml
EDDP	5.245	1467642	10664.5	43.2	54326.0	783240	98.966 ng/ml
Etizolam	5.797	210940	∞	25.0	∞	157100	96.232 ng/ml
Fentanyl	5.076	106753	∞	114.6	17132.1	590382	9.765 ng/ml
Flualprazolam	5.692	206338	∞	93.6	3190.8	117475	139.238 ng/ml
Fluoxetine	5.693	909946	44702.4	7.3	10089.6	357845	95.778 ng/ml
Hydrocodone	2.972	482508	∞	35.9	∞	271874	103.220 ng/ml
Hydromorphone	1.547	456530	212550681240 098.0	66.7	7618.1	151102	99.378 ng/ml
Ketamine	4.017	949399	21033.2	37.8	2623.6	463053	104.693 ng/ml
Lamotrigine	4.269	73397	10755.1	92.0	4980.6	409181	92.189 ng/ml

qc 100 urine

Generated at 2:23 PM on 5/3/2022



# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.589	760616	13380.8	223.5	14149.5	786896	85.293 ng/ml
Lorazepam	5.708	41379	∞	44.7	∞	32866	108.668 ng/ml
MDA	3.143	1325766	10113.5	27.9	1982.7	409181	103.065 ng/ml
MDMA	3.245	918245	∞	96.8	13950.6	103773	97.179 ng/ml
Meprobamate	4.908	275063	13986.0	29.0	2661.4	106739	114.731 ng/ml
Methadone	5.641	1695257	122629.6	55.0	19566.8	786896	95.309 ng/ml
Methamphetamine	3.154	1962432	∞	39.3	10167.2	866211	109.125 ng/ml
Metoprolol	4.305	212831	9900.0	97.5	∞	103773	98.373 ng/ml
Mirtazapine	4.584	1923999	31909.4	48.3	26555.0	786896	96.242 ng/ml
Mitragynine	5.200	401100	21403.2	34.0	25718.8	2572180	114.626 ng/ml
Morphine	1.171	67237	∞	23.1	∞	8900	92.158 ng/ml
Norbuprenorphine	4.977	8286	3802.6	85.9	6538.8	17288	10.618 ng/ml
Nordiazepam	5.878	186734	∞	59.9	618223.8	62327	109.995 ng/ml
Norfentanyl	4.059	73460	1085.5	36.6	9042.6	916464	9.547 ng/ml
Norhydrocodone	<del>3.019</del>	<del>18589</del>	<del>∞</del>	<del>24.1</del>	<del>289.7</del>	<del>52855</del>	<del>97.489 ng/ml</del> NE
Noroxycodone	2.854	470481	∞	46.9	∞	178685	96.684 ng/ml
O-desmethyl-tramadol	3.332	2121585	37294.3	6.5	11198.5	1204778	94.274 ng/ml
Oxazepam	5.715	73398	11227.4	65.9	311.4	32866	86.385 ng/ml
Oxycodone	2.776	1124239	∞	29.8	∞	509173	100.268 ng/ml
Oxymorphone	1.339	586138	∞	45.0	∞	211713	96.656 ng/ml
Phentermine	3.734	451726	2925.5	7.8	982.3	576876	104.090 ng/ml
Promethazine	5.527	1639228	88956.8	37.9	25723.9	821174	97.096 ng/ml
Pseudoephedrine	2.504	5226026	32736.4	24.0	∞	2572180	97.875 ng/ml
Quetiapine	5.514	931162	57259.3	62.1	∞	147656	104.148 ng/ml
Sertraline	5.751	244841	11170.1	96.8	13991.7	104888	101.319 ng/ml
Temazepam	5.809	307135	16458.4	29.7	419.4	147944	95.015 ng/ml
Tramadol	4.223	2148026	24304.1	3.6	18616.3	1121563	102.055 ng/ml
Trazodone	5.066	1329226	163063.8	79.9	∞	569360	93.431 ng/ml
Venlafaxine	5.026	1625117	33994.3	37.3	8031.7	1131959	94.296 ng/ml
Zolpidem	4.832	2363562	35552.9	28.9	21876.0	1073974	100.164 ng/ml

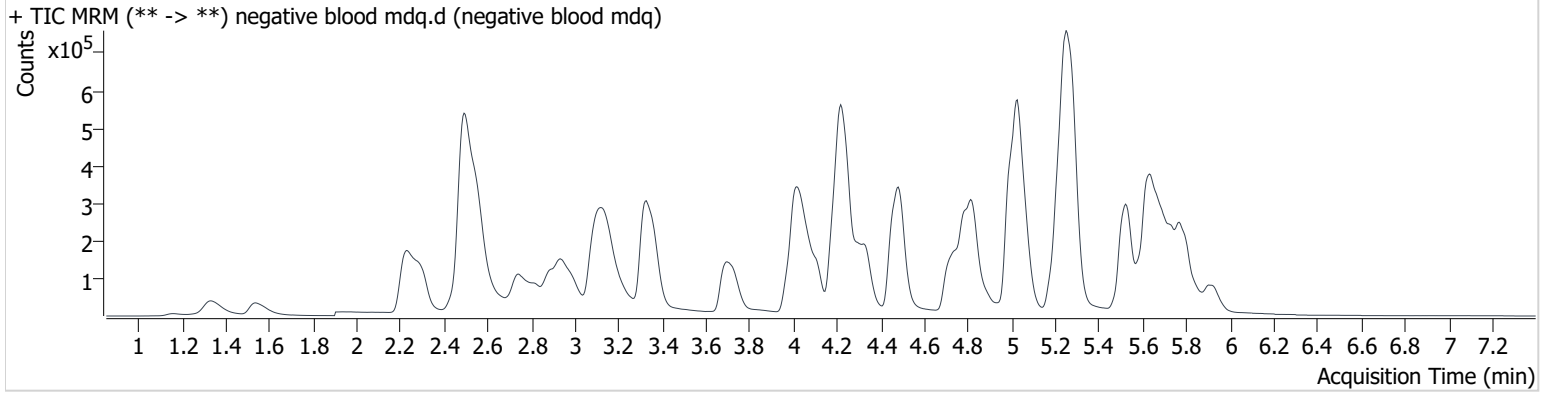
# AM #28 Multi-Drug Quant. Results

*BWylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	negative blood mdq.d
<b>Type</b>	Sample	<b>Sample</b>	negative blood mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-F2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 5:47:56 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



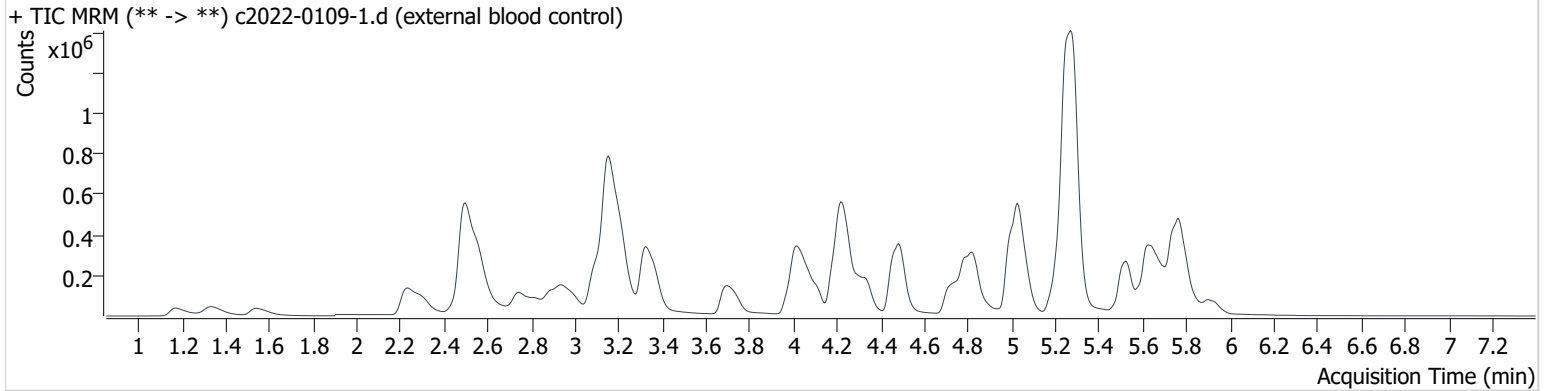
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*BWylie*

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**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	c2022-0109-1.d
<b>Type</b>	Sample	<b>Sample</b>	external blood control
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-H2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 8:39:00 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.756	620172	∞	91.1	∞	269134	77.783 ng/ml
Diphenhydramine	5.277	2852053	∞	32.0	18802.8	2125487	73.982 ng/ml
Methamphetamine	3.160	1953369	∞	40.1	∞	1117532	83.244 ng/ml
Morphine	1.171	64144	∞	23.9	∞	11067	70.629 ng/ml

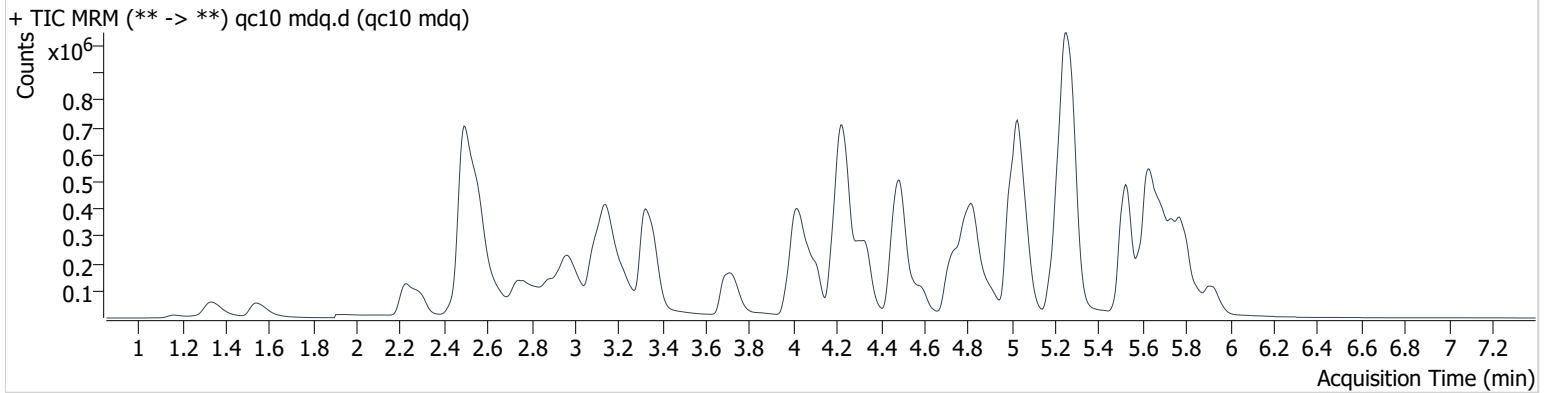
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*B. Wylie*

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**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc10 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc10 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-A2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 5:02:52 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.094	3237	∞	126.2	5155.8	82727	0.999 ng/ml
7-aminoclonazepam	4.253	63308	2855.9	74.5	19887.7	231515	9.981 ng/ml
a-hydroxyalprazolam	5.672	7456	9562.9	63.0	5714.8	100089	9.632 ng/ml
alpha-PPH	4.907	148779	18756.1	40.7	137070.6	831718	10.548 ng/ml
alpha-PVP	4.338	198438	35998.2	51.8	6622.7	831718	10.007 ng/ml
Alprazolam	5.756	82272	1763.0	91.9	1904.9	286591	9.689 ng/ml
Amphetamine	2.975	170061	2381.6	249.7	4595.8	558050	10.877 ng/ml
Benzoylcegonine	3.855	3972	∞	56.3	209.1	14255	10.135 ng/ml
Buprenorphine	5.675	8060	461744.0	13.4	804.1	119702	1.146 ng/ml
Bupropion	4.757	185646	18597.8	69.2	8393.8	838322	9.935 ng/ml
Carisoprodol	5.711	48918	44811.8	64.3	∞	223687	9.862 ng/ml
Citalopram	5.212	143581	5714.3	38.3	2545.5	637884	9.942 ng/ml
Clonazepam	5.599	56469	1562.4	34.8	106975.5	100089	10.302 ng/ml
Clonazepam	5.546	51024	218548.3	40.7	∞	633622	9.681 ng/ml
Cocaine	4.236	134895	18546.7	49.2	7755.8	1149466	10.225 ng/ml
Codeine	2.506	21067	34435.1	91.0	4152.9	93078	10.657 ng/ml
Cyclobenzaprine	5.611	165336	3265.5	8.2	∞	524796	9.976 ng/ml
Dextromethorphan	5.245	101620	4128.5	75.9	3753.2	492600	9.994 ng/ml
Dextrophan	4.099	115204	3802.3	44.1	183311.9	597058	10.117 ng/ml
Diazepam	5.929	53819	1658.9	88.3	∞	270584	9.865 ng/ml
Dihydrocodeine	2.480	49877	947.4	60.5	172.8	296722	10.630 ng/ml
Diphenhydramine	5.272	425256	15960.2	32.2	3543.0	2400814	9.876 ng/ml
Doxylamine	4.501	387851	93639.1	84.8	18685.2	1619225	9.484 ng/ml
EDDP	5.239	222104	7185.9	43.7	9006.8	1176845	9.996 ng/ml
Etizolam	5.797	38966	49032.8	25.9	142683.5	270584	9.750 ng/ml
Fentanyl	5.066	14440	988.1	126.1	12461.8	825021	0.947 ng/ml
Flualprazolam	5.687	34927	2820.3	98.3	976.4	286591	9.843 ng/ml
Fluoxetine	5.693	142890	∞	6.8	12297.4	533126	9.835 ng/ml
Hydrocodone	2.967	76596	∞	34.5	997.1	431351	10.194 ng/ml
Hydromorphone	1.547	58318	∞	78.2	1545.3	201510	9.786 ng/ml
Ketamine	4.017	132011	5601.5	38.4	608.9	636208	10.276 ng/ml
Lamotrigine	4.264	12207	667.1	89.2	9367.8	639108	9.346 ng/ml
Levetiracetam	2.584	113956	3855.1	225.6	3547.8	1131979	8.449 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.735	26227	∞	46.6	415.3	213808	9.979 ng/ml
MDA	3.143	209643	∞	24.0	94.1	639108	10.036 ng/ml
MDMA	3.240	132815	13399.0	96.2	10721.4	143865	10.234 ng/ml
Meprobamate	4.908	49831	63616.6	29.4	941.5	223687	10.713 ng/ml
Methadone	5.636	250627	4837.2	55.9	1572.3	1131979	10.065 ng/ml
Methamphetamine	3.154	359953	∞	40.8	∞	1171984	11.202 ng/ml
Metoprolol	4.305	30295	∞	99.2	∞	143865	9.545 ng/ml
Mirtazapine	4.579	269329	86729.2	48.3	9030.2	1131979	9.683 ng/ml
Mitragynine	5.200	56071	44780.7	34.1	2757.6	3377750	11.163 ng/ml
Morphine	1.166	7683	∞	22.5	∞	10578	8.581 ng/ml
Norbuprenorphine	4.951	1361	∞	67.9 <b>Low</b>	1737.1	24387	1.145 ng/ml <b>OCR</b>
Nordiazepam	5.873	48513	∞	59.3	∞	167529	10.386 ng/ml
Norfentanyl	4.059	9855	210.2	34.5	4994.3	1207124	0.952 ng/ml
<del>Norhydrocodone</del>	<del>3.024</del>	<del>3012</del>	<del>1028.9</del>	<del>20.4</del>	<del>39.2</del>	<del>87123</del>	<del>9.661 ng/ml</del> <b>NE</b>
Noroxycodone	2.849	64323	∞	46.7	∞	234874	9.826 ng/ml
O-desmethyl-tramadol	3.332	299629	8056.9	6.3	2641.2	1617127	9.943 ng/ml
Oxazepam	5.741	53813	∞	70.1	641.9	213808	9.647 ng/ml
Oxycodone	2.771	146995	∞	29.3	∞	661308	10.058 ng/ml
Oxymorphone	1.339	77324	∞	44.6	∞	272802	9.671 ng/ml
Phentermine	3.734	61807	943.1	8.1	476.2	790368	9.537 ng/ml
Promethazine	5.527	230330	11778.0	41.4	37006.6	1141486	10.344 ng/ml
Pseudoephedrine	2.504	689155	15506.0	24.1	7864.6	3377750	9.912 ng/ml
Quetiapine	5.514	141414	9740.2	62.5	157254.1	223691	9.936 ng/ml
Sertraline	5.751	53872	14284.3	104.9	3253.3	231362	10.158 ng/ml
Temazepam	5.804	129175	5665.1	28.1	318.1	633622	10.493 ng/ml
Tramadol	4.223	309907	13773.5	3.6	308.1	1512040	10.195 ng/ml
Trazodone	5.060	186385	5106.9	79.5	5784.6	780678	9.834 ng/ml
Venlafaxine	5.021	222979	28088.7	38.0	936.5	1582408	9.643 ng/ml
Zolpidem	4.832	329901	68722.9	28.5	9996.3	1473530	10.285 ng/ml

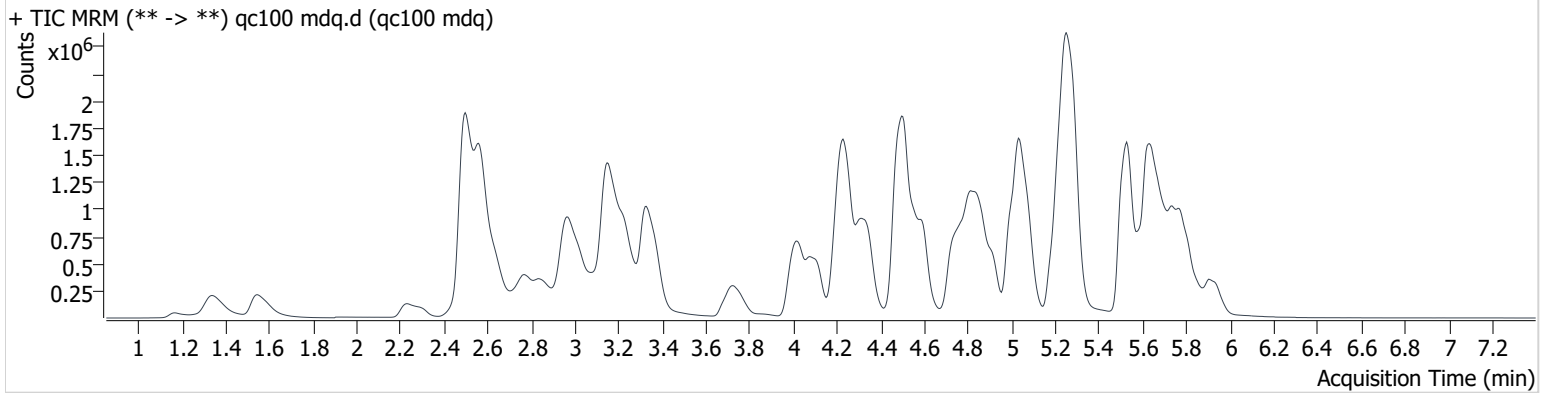
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc100 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc100 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-B2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 8:48:04 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.099	29837	4045.0	127.4	9597.8	80688	10.048 ng/ml
7-aminoclonazepam	4.258	486052	25673.9	76.5	8593.8	177088	102.715 ng/ml
a-hydroxyalprazolam	5.666	56908	∞	56.8	∞	73501	105.692 ng/ml
alpha-PHP	4.907	1413590	45432.7	40.4	16795.1	808404	102.231 ng/ml
alpha-PVP	4.338	1861827	96191.4	53.4	21327.3	808404	95.207 ng/ml
Alprazolam	5.762	675896	3706.4	94.6	∞	241633	94.420 ng/ml
Amphetamine	2.970	1445330	17547.4	228.7	17028.5	540627	103.798 ng/ml
Benzoylcegonine	3.860	38591	∞	57.5	452.9	14301	100.646 ng/ml
Buprenorphine	5.691	66501	95753.2	14.0	9089.6	109177	10.025 ng/ml
Bupropion	4.757	1859062	∞	68.0	25060.0	828966	99.180 ng/ml
Carisoprodol	5.716	368749	445365.4	63.6	14027.4	165354	102.284 ng/ml
Citalopram	5.212	1257638	24118.6	39.5	∞	558044	99.831 ng/ml
Clonazepam	5.599	397049	7684.2	34.9	235251.9	73501	101.933 ng/ml
Clonazepam	5.551	433929	17149.7	39.9	106481.2	475165	100.999 ng/ml
Cocaine	4.242	1258782	3877334.6	50.7	990208.4	1096969	101.087 ng/ml
Codeine	2.511	181855	20755.1	93.2	∞	85650	104.594 ng/ml
Cyclobenzaprine	5.606	1484919	12272167.8	8.3	∞	485796	98.711 ng/ml
Dextromethorphan	5.250	897495	∞	75.4	∞	433207	99.641 ng/ml
Dextrophan	4.104	1144223	34671.9	45.5	20666.5	600398	95.141 ng/ml
Diazepam	5.935	511808	6096.3	86.8	8737.5	251199	101.294 ng/ml
Dihydrocodeine	2.465	471602	1898.3	61.5	2248.0	293255	107.415 ng/ml
Diphenhydramine	5.282	3901905	∞	31.9	111364.8	2167760	99.198 ng/ml
Doxylamine	4.506	4214934	84734.1	79.1	75361.7	1655546	97.971 ng/ml
EDDP	5.245	2036352	4025454.0	42.6	2248301.4	1086853	98.956 ng/ml
Etizolam	5.797	367025	63425.0	25.1	∞	251199	104.773 ng/ml
Fentanyl	5.076	145551	461660.0	112.8	170086.0	782337	10.047 ng/ml
Flualprazolam	5.692	307089	∞	92.9	7438.6	241633	100.801 ng/ml
Fluoxetine	5.693	1119514	68677.6	6.8	∞	421032	100.165 ng/ml
Hydrocodone	2.967	662072	∞	37.0	∞	370315	103.983 ng/ml
Hydromorphone	1.547	609505	∞	74.0	8686.0	194764	102.924 ng/ml
Ketamine	4.017	1285110	∞	38.2	5387.9	642617	102.106 ng/ml
Lamotrigine	4.269	98364	91188.1	90.8	140350.2	542967	93.111 ng/ml
Levetiracetam	2.579	1054597	13695.9	221.8	∞	1114030	83.522 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.735	125186	∞	47.0	6267.5	112472	95.991 ng/ml
MDA	3.143	1710473	48755.9	29.3	1678.6	542967	100.196 ng/ml
MDMA	3.240	1219449	55325.3	97.5	26127.3	136325	98.239 ng/ml
Meprobamate	4.913	411666	438289.3	29.6	7814.4	165354	110.871 ng/ml
Methadone	5.641	2401090	5423361.0	54.2	11302.4	1114030	95.351 ng/ml
Methamphetamine	3.154	2629038	∞	40.4	13524.8	1170615	108.142 ng/ml
Metoprolol	4.305	281828	1294549.5	94.8	∞	136325	99.165 ng/ml
Mirtazapine	4.590	2633793	173901.3	48.2	582468.2	1114030	93.071 ng/ml
Mitragynine	5.200	519338	2243847.0	34.1	9536.6	3232159	118.146 ng/ml
Morphine	1.166	69134	∞	22.8	∞	8964	94.089 ng/ml
Norbuprenorphine	4.966	10708	7176.0	90.7	29710.0	23418	10.125 ng/ml
Nordiazepam	5.873	395809	∞	62.5	∞	142042	102.285 ng/ml
Norfentanyl	4.053	89786	6905.4	38.2	∞	1141688	9.366 ng/ml
Norhydrocodone	<del>3.019</del>	<del>25919</del>	<del>∞</del>	<del>25.3</del>	<del>433.7</del>	<del>69824</del>	<del>102.893 ng/ml</del> <sup>NE</sup>
Noroxycodone	2.859	554654	∞	47.2	∞	212276	95.943 ng/ml
O-desmethyl-tramadol	3.332	2953216	141696.1	6.5	14487.8	1639625	96.424 ng/ml
Oxazepam	5.747	292730	∞	69.4	∞	112472	100.693 ng/ml
Oxycodone	2.766	1462849	∞	29.5	∞	663979	100.049 ng/ml
Oxymorphone	1.339	789729	∞	44.8	∞	282573	97.574 ng/ml
Phentermine	3.729	600594	5958.5	7.6	2071.0	771678	103.452 ng/ml
Promethazine	5.527	2196449	∞	38.6	22599.6	1088411	98.152 ng/ml
Pseudoephedrine	2.499	6576977	98695.5	24.1	∞	3232159	98.024 ng/ml
Quetiapine	5.514	1337875	∞	61.4	∞	213356	103.556 ng/ml
Sertraline	5.757	400502	368636.4	100.0	14061.2	175935	98.807 ng/ml
Temazepam	5.809	950251	138811.6	28.5	3259.5	475165	91.575 ng/ml
Tramadol	4.228	2897043	309905.1	3.4	849.4	1493767	103.355 ng/ml
Trazodone	5.066	1779087	5093772.8	80.1	4221568.8	744163	95.670 ng/ml
Venlafaxine	5.026	2235678	1053697.3	37.6	∞	1534700	95.675 ng/ml
Zolpidem	4.837	3198042	365056.2	28.7	92851.1	1446675	100.612 ng/ml

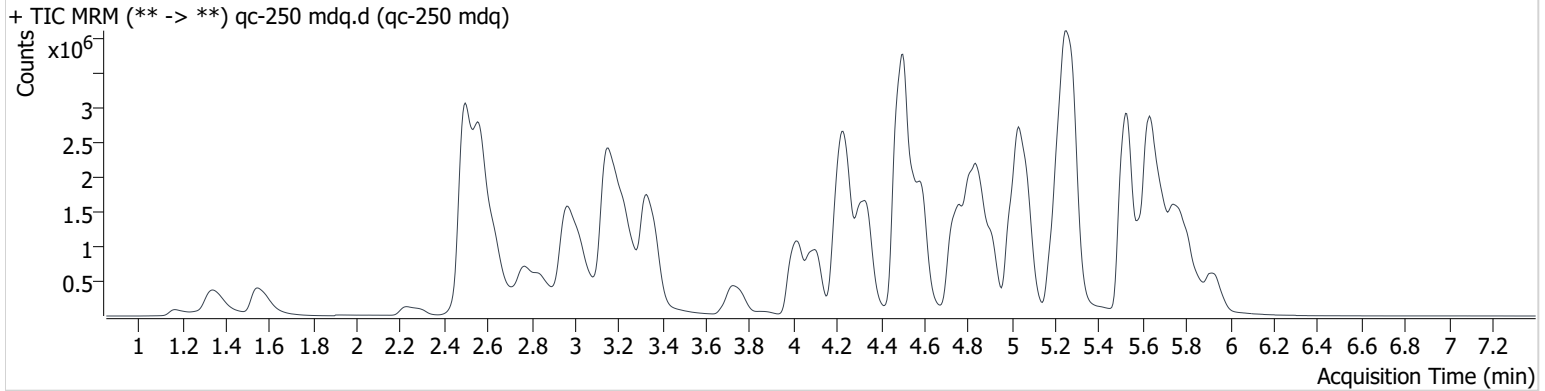
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc-250 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc-250 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-C2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 5:11:54 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.094	57743	1285.7	127.6	3890.8	62059	25.391 ng/ml
7-aminoclonazepam	4.258	881919	25530.9	78.1	56036.9	129798	254.687 ng/ml
a-hydroxyalprazolam	5.666	81272	2033.2	61.5	1929.5	47398	234.785 ng/ml
alpha-PHP	4.902	2974139	1911533.7	39.7	∞	666523	260.721 ng/ml
alpha-PVP	4.338	3943390	84450.0	52.8	43140.8	666523	244.323 ng/ml
Alprazolam	5.756	1263988	1996.8	93.6	2432.6	172689	247.072 ng/ml
Amphetamine	2.970	2653307	117718.3	228.7	50981.6	426474	242.986 ng/ml
Benzoylcegonine	3.871	86365	69333.0	56.0	2005.6	13284	242.900 ng/ml
Buprenorphine	5.691	129455	∞	16.0	11696.1	84022	25.292 ng/ml
Bupropion	4.757	3948862	86633.8	68.5	44185.9	686036	254.315 ng/ml
Carisoprodol	5.711	611258	495986.1	61.4	10117.3	110505	253.984 ng/ml
Citalopram	5.191	2313070	737434.4	41.6	18636.5	413474	247.857 ng/ml
Clonazepam	5.599	639958	32068.4	34.9	169966.3	47398	255.348 ng/ml
Clonazepam	5.556	741872	14430.6	41.2	8656.7	325468	250.823 ng/ml
Cocaine	4.242	2500081	217949.3	50.1	68222.9	874158	252.131 ng/ml
Codeine	2.516	341036	∞	91.6	15388.8	64635	260.742 ng/ml
Cyclobenzaprine	5.601	2934891	73446.0	8.4	13108.6	380755	249.259 ng/ml
Dextromethorphan	5.250	1687959	26623.4	76.7	31777.2	324583	249.993 ng/ml
Dextrophan	4.104	2422683	351569.5	45.1	114733.6	498447	241.810 ng/ml
Diazepam	5.929	1087193	7847.9	84.8	∞	208289	259.539 ng/ml
Dihydrocodeine	2.465	930383	4016.3	61.1	3909.4	241084	258.701 ng/ml
Diphenhydramine	5.277	7584677	232305.0	32.1	42895.6	1664114	250.990 ng/ml
Doxylamine	4.501	9135014	∞	79.5	461441.6	1380723	254.124 ng/ml
EDDP	5.245	4070745	297862.6	44.0	∞	842224	255.226 ng/ml
Etizolam	5.797	729313	13946.9	24.3	∞	208289	251.976 ng/ml
Fentanyl	5.071	294812	85511.7	120.1	739548.2	634579	25.085 ng/ml
Flualprazolam	5.692	567432	10638.7	89.6	3191.4	172689	260.309 ng/ml
Fluoxetine	5.693	2027994	46090.9	6.9	218576.5	300617	254.576 ng/ml
Hydrocodone	2.962	1279592	∞	35.9	∞	296542	251.176 ng/ml
Hydromorphone	1.547	1289930	∞	73.6	253137985 539071.0	165196	256.370 ng/ml
Ketamine	4.012	2736025	480320.5	37.7	19057.9	546016	256.381 ng/ml
Lamotrigine	4.269	171968	18566.0	89.5	4922.3	375429	236.233 ng/ml



# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.584	2038174	18095.0	222.2	∞	910609	198.141 ng/ml
Lorazepam	5.735	152372	∞	48.6	17483.1	55707	236.875 ng/ml
MDA	3.138	2920930	32279.3	29.7	3326.9	375429	248.109 ng/ml
MDMA	3.240	2467741	∞	96.3	26946.1	107004	253.109 ng/ml
Meprobamate	4.908	697256	1202166.2	29.4	4827.3	110505	279.660 ng/ml
Methadone	5.636	5210343	98005.9	52.5	74191.0	910609	252.635 ng/ml
Methamphetamine	3.154	5231101	∞	39.9	54271.8	996838	258.238 ng/ml
Metoprolol	4.305	509413	1983261.0	96.9	∞	107004	229.165 ng/ml
Mirtazapine	4.584	5528983	168400.8	48.5	111687.4	910609	238.473 ng/ml
Mitragynine	5.190	1019860	21265.4	33.6	80595.8	2593113	290.874 ng/ml
Morphine	1.171	156611	∞	21.5	2066.4	7822	244.762 ng/ml
Norbuprenorphine	4.977	21708	349922.1	92.7	92814.8	19203	25.184 ng/ml
Nordiazepam	5.873	767126	∞	61.6	∞	111384	253.206 ng/ml
Norfentanyl	4.048	182106	9450.1	38.5	160781.8	893789	24.301 ng/ml
Norhydrocodone	3.019	54363	977.5	27.1	372.8	52413	287.339 ng/ml
Noroxycodone	2.854	1053073	∞	46.7	∞	161005	240.552 ng/ml
O-desmethyl-tramadol	3.332	6379332	235968.6	6.4	34362.3	1399376	244.007 ng/ml
Oxazepam	5.741	352250	∞	73.5	6702.2	55707	244.776 ng/ml
Oxycodone	2.766	3119941	∞	29.8	∞	568096	249.458 ng/ml
Oxymorphone	1.339	1647913	∞	44.2	∞	234247	245.990 ng/ml
Phentermine	3.745	1223945	6498.8	7.2	28131.9	642752	254.490 ng/ml
Promethazine	5.527	4708529	360645.7	37.8	72338.6	910823	250.514 ng/ml
Pseudoephedrine	2.499	13408448	73483.8	23.8	207945.9	2593113	248.947 ng/ml
Quetiapine	5.509	2528918	631550.3	64.5	1547349.5	169111	247.738 ng/ml
Sertraline	5.751	755710	∞	100.3	22599.5	129877	252.468 ng/ml
Temazepam	5.809	1692431	65949.0	28.7	20457.0	325468	236.052 ng/ml
Tramadol	4.223	5950943	1629301.1	3.5	2978.2	1257313	253.405 ng/ml
Trazodone	5.060	3576040	177101.5	82.3	40264.2	599109	238.393 ng/ml
Venlafaxine	5.021	4777105	106201.5	37.1	46724.2	1288111	242.904 ng/ml
Zolpidem	4.832	6786612	134791.0	28.9	119250.2	1227641	251.445 ng/ml

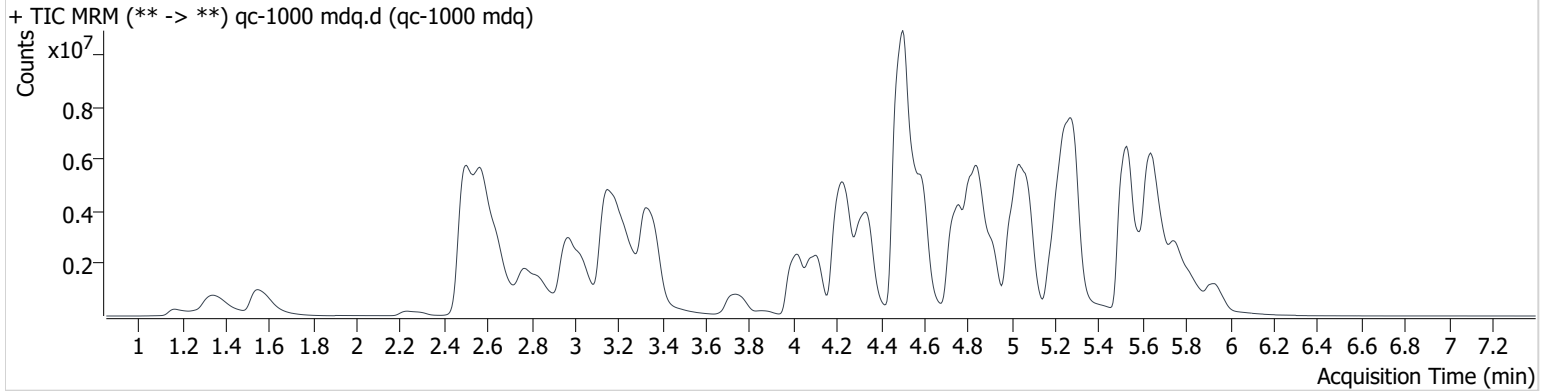
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc-1000 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc-1000 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-D2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 5:20:56 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.094	143759	9081.2	132.7	29877.8	38705	101.573 ng/ml
7-aminoclonazepam	4.263	1046330	61190.3	80.2	9306.6	43149	909.666 ng/ml
a-hydroxyalprazolam	5.682	97597	∞	58.4	∞	12027	1113.407 ng/ml
alpha-PHP	4.907	8239805	146939.1	39.2	351374.2	450978	1067.246 ng/ml
alpha-PVP	4.338	11275625	1806582.6	51.9	136321.4	450978	1031.995 ng/ml
Alprazolam	5.751	2338100	19097.2	94.7	3489.1	80750	977.389 ng/ml
Amphetamine	2.970	5248443	103066.0	223.7	145270.7	277471	740.952 ng/ml <sup>OCR</sup>
Benzoylecgonine	3.866	329188	∞	56.7	33301.6	12872	956.276 ng/ml
Buprenorphine	5.686	267431	158278.5	15.9	44338.6	39999	109.611 ng/ml
Bupropion	4.757	11591354	587490.6	66.0	138124.8	505763	1012.125 ng/ml
Carisoprodol	5.711	874988	1433682.6	57.0	243548.4	40124	1001.836 ng/ml
Citalopram	5.180	4362934	41942.1	41.6	200819.8	210259	919.447 ng/ml
Clonazepam	5.594	589649	27985.0	35.2	117364.6	12027	928.252 ng/ml
Clonazepam	5.556	973024	∞	40.1	77869.9	96527	1106.316 ng/ml
Cocaine	4.242	6007149	296718.3	49.3	1086491.2	540580	980.013 ng/ml
Codeine	2.516	681905	10826.2	89.7	44023.2	35567	948.897 ng/ml
Cyclobenzaprine	5.596	6529599	138503.1	8.0	36711.0	210417	1004.149 ng/ml
Dextromethorphan	5.250	3510563	117053.3	75.5	∞	165697	1018.235 ng/ml
Dextrophan	4.104	7086146	988986.4	44.6	529538.5	343666	1024.073 ng/ml
Diazepam	5.935	2671461	∞	88.0	∞	123447	1076.127 ng/ml
Dihydrocodeine	2.465	2341729	2376.5	61.5	6126.5	179996	873.705 ng/ml
Diphenhydramine	5.287	17250355	327455.0	31.3	44278.9	896957	1058.672 ng/ml
Doxylamine	4.501	28836199	1218656.5	84.4	∞	1086584	1018.448 ng/ml
EDDP	5.245	11504915	131427.8	42.4	∞	561904	1081.085 ng/ml
Etizolam	5.797	1774698	63562.9	24.9	∞	123447	1036.548 ng/ml
Fentanyl	5.081	800996	495093.3	126.8	1040165.9	379167	114.056 ng/ml
Flualprazolam	5.692	967249	4356.9	90.9	4604.8	80750	948.415 ng/ml
Fluoxetine	5.693	4080628	282958.8	7.2	22800.3	147732	1043.259 ng/ml
Hydrocodone	2.962	3452459	∞	38.0	∞	208164	965.841 ng/ml
Hydromorphone	1.547	3875005	182825533238	73.2	13022.2	122352	1038.921 ng/ml
			581.0				
Ketamine	4.012	7767943	2309326.9	37.4	54705.0	387745	1026.082 ng/ml
Lamotrigine	4.269	249763	19520.3	89.3	∞	155809	828.036 ng/ml <sup>OCR</sup>

# AM #28 Multi-Drug Quant. Results

*Byylee*

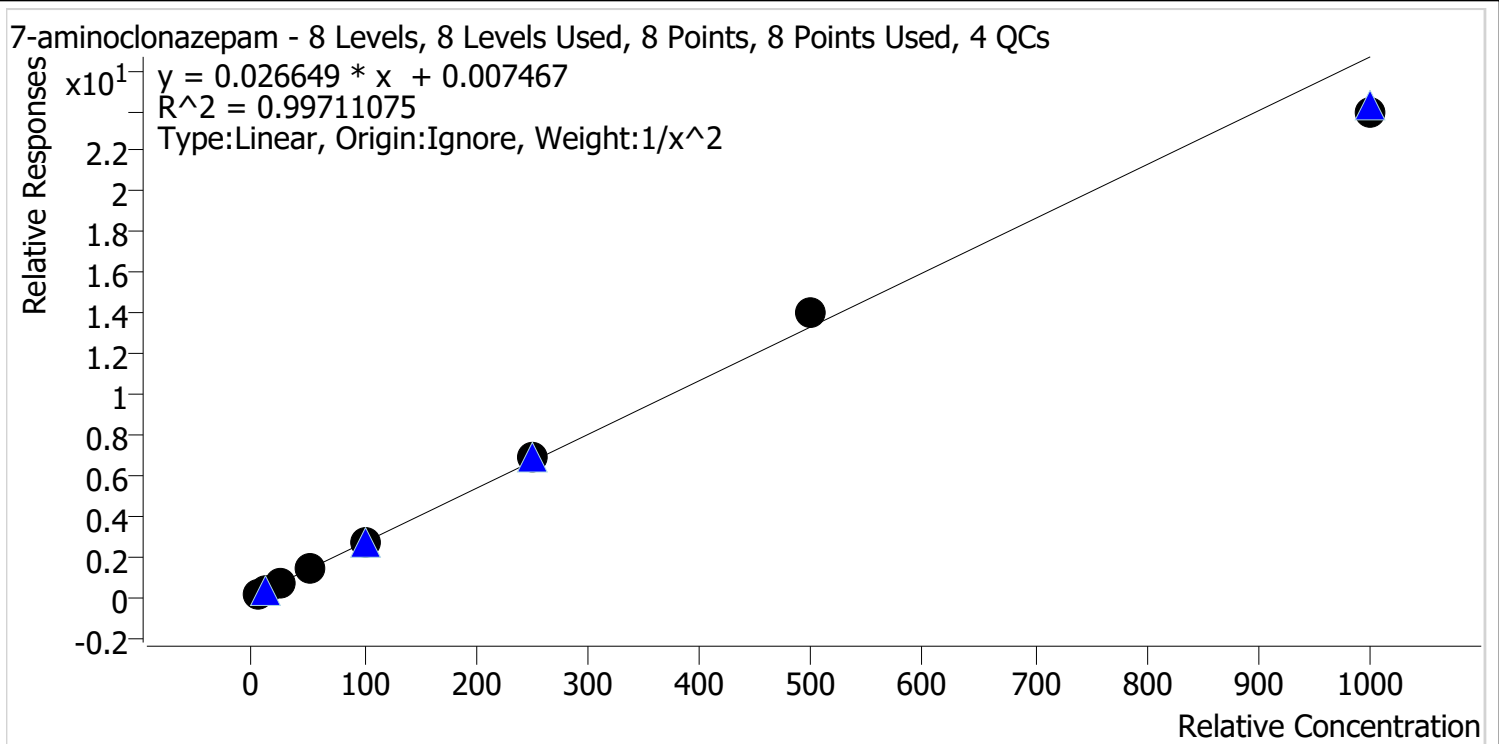
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Levetiracetam	2.630	4612919	217553.8	223.8	833405.5	622479	657.138 ng/ml	OCR
Lorazepam	5.735	155758	∞	49.7	∞	8117	1665.749 ng/ml	OCR
MDA	3.122	4182813	85188.2	26.3	4832.0	155809	857.192 ng/ml	
MDMA	3.250	5736845	183080.8	95.5	123648.4	62517	1006.802 ng/ml	
Meprobamate	4.923	1002485	3354879.6	28.4	4785.5	40124	1104.790 ng/ml	
Methadone	5.636	14966406	∞	49.0	186430.1	622479	1060.614 ng/ml	
Methamphetamine	3.154	13703963	∞	38.7	∞	782012	872.071 ng/ml	
Metoprolol	4.305	937492	358431.4	97.0	∞	62517	723.177 ng/ml	OCR
Mirtazapine	4.584	16228319	907870.7	47.3	858760.3	622479	1022.783 ng/ml	
Mitragynine	5.179	2285997	858418.1	36.1	99050.9	1553392	1091.567 ng/ml	
Morphine	1.166	482039	∞	23.2	∞	6204	950.655 ng/ml	
Norbuprenorphine	4.961	57556	44002.7	91.2	55909.5	12831	100.243 ng/ml	
Nordiazepam	5.873	1235445	∞	61.8	67741.3	45280	1003.908 ng/ml	
Norfentanyl	4.048	411548	61408.4	37.5	∞	499813	98.277 ng/ml	
Norhydrocodone	3.024	177340	∞	32.9 High	∞	33975	1445.684 ng/ml	NE
Noroxycodone	2.859	2165763	∞	46.7	∞	77900	1023.331 ng/ml	
O-desmethyl-tramadol	3.337	19644225	501223.3	6.1	∞	1037731	1013.155 ng/ml	
Oxazepam	5.741	244377	∞	70.1	10383.3	8117	1165.752 ng/ml	
Oxycodone	2.775	9298205	∞	29.4	∞	420873	1003.630 ng/ml	
Oxymorphone	1.344	4578557	∞	44.0	∞	169227	946.765 ng/ml	
Phentermine	3.740	3164296	29723.2	6.6	17116.5	465586	910.748 ng/ml	
Promethazine	5.527	13489252	273726.4	35.9	739399.4	614869	1061.218 ng/ml	
Pseudoephedrine	2.504	33454658	∞	23.5	∞	1553392	1036.578 ng/ml	
Quetiapine	5.493	6092844	∞	60.8	1856656.8	118205	855.285 ng/ml	
Sertraline	5.751	1655689	6305513.9	100.4	∞	72390	992.232 ng/ml	
Temazepam	5.820	2169961	100883.1	28.6	12019.5	96527	1016.199 ng/ml	
Tramadol	4.217	15455092	∞	3.4	∞	920882	900.618 ng/ml	
Trazodone	5.071	9423314	164886.7	79.6	217301.4	356768	1053.841 ng/ml	
Venlafaxine	5.015	14290783	231824.1	35.6	73497.5	864646	1081.045 ng/ml	
Zolpidem	4.832	20011320	1418843.6	27.5	399585.9	880122	1033.844 ng/ml	



# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** **7-Aminoclonazepam-D4**



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	258.0	103.2
cal 7 mdq	7	✓	500.0	523.3	104.7
cal 8 mdq	8	✓	1000.0	895.9	89.6



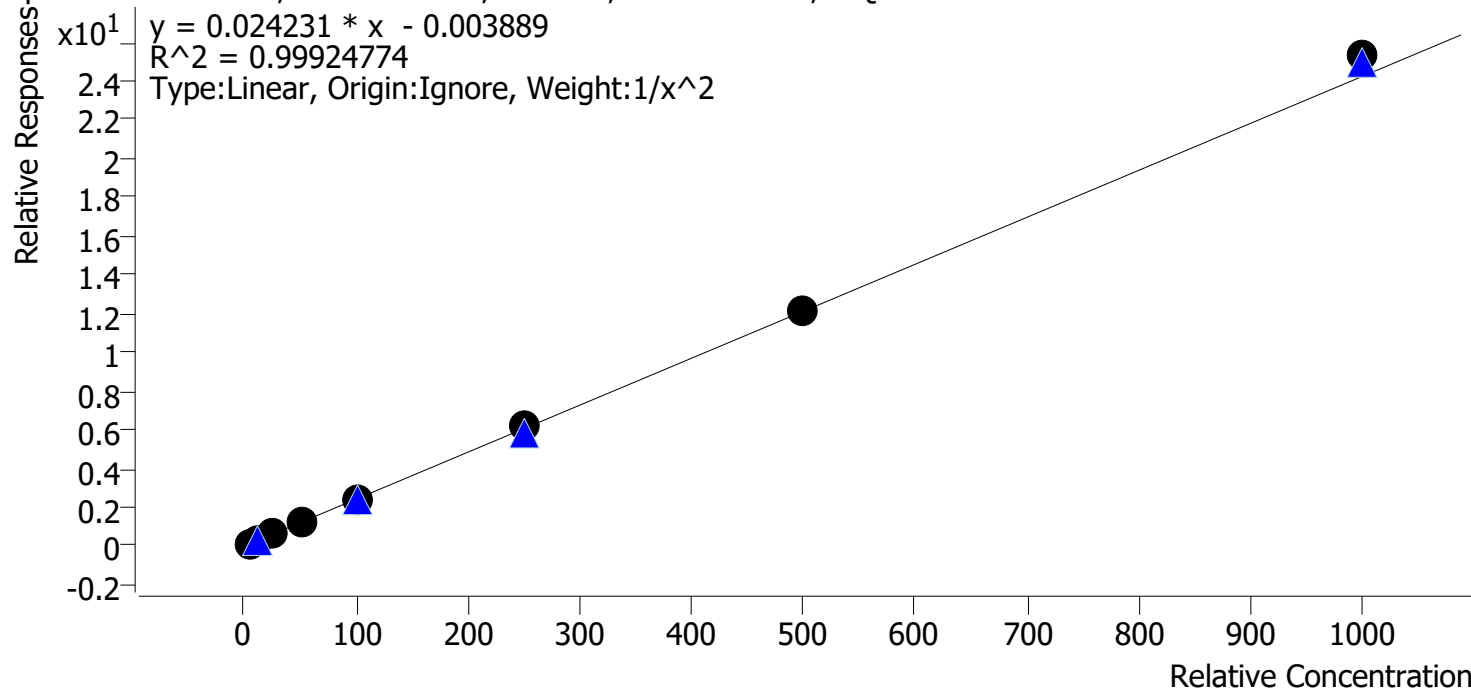


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	96.9	96.9
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	504.9	101.0
cal 8 mdq	8	✓	1000.0	1044.4	104.4



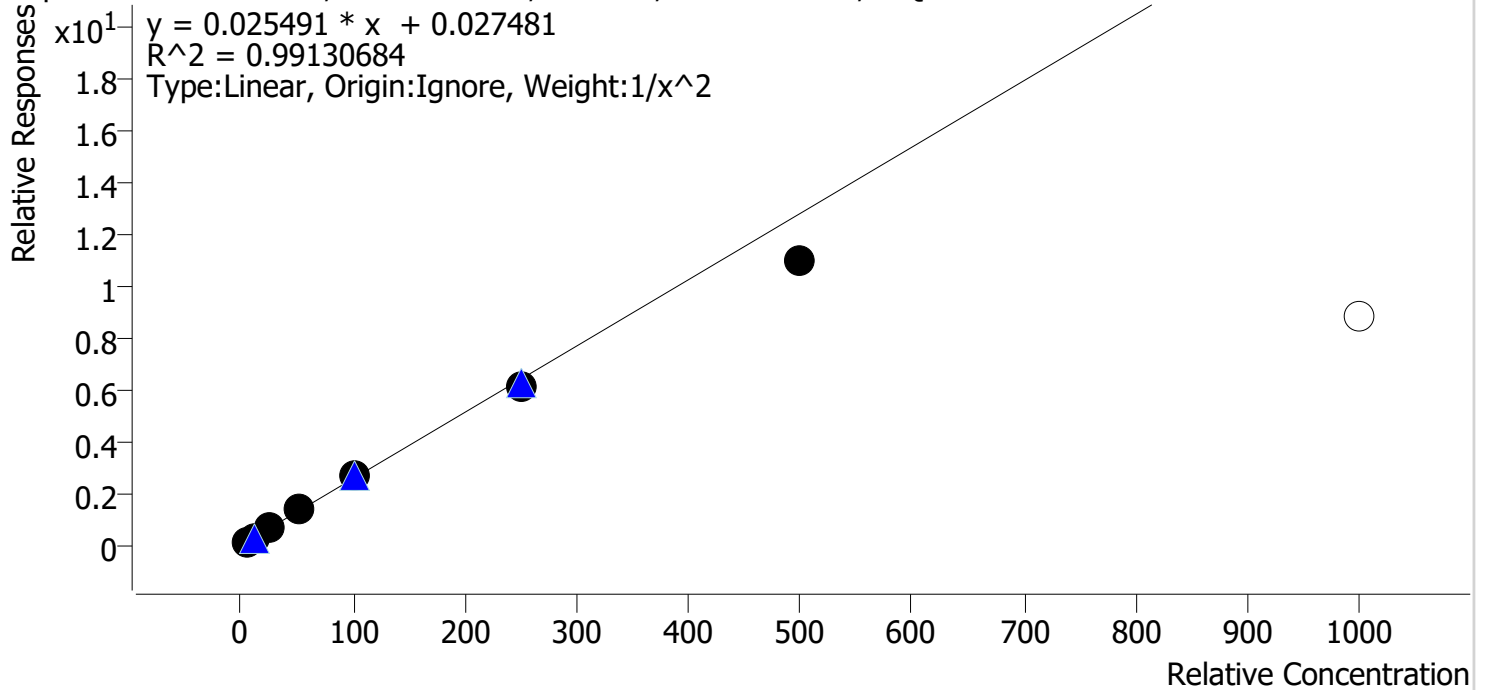


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.1
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	54.0	108.1
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	240.4	96.1
cal 7 mdq	7	✓	500.0	428.0	85.6
cal 8 mdq	8	✗	1000.0	347.5	34.8

Cal 8 dropped due to accuracy





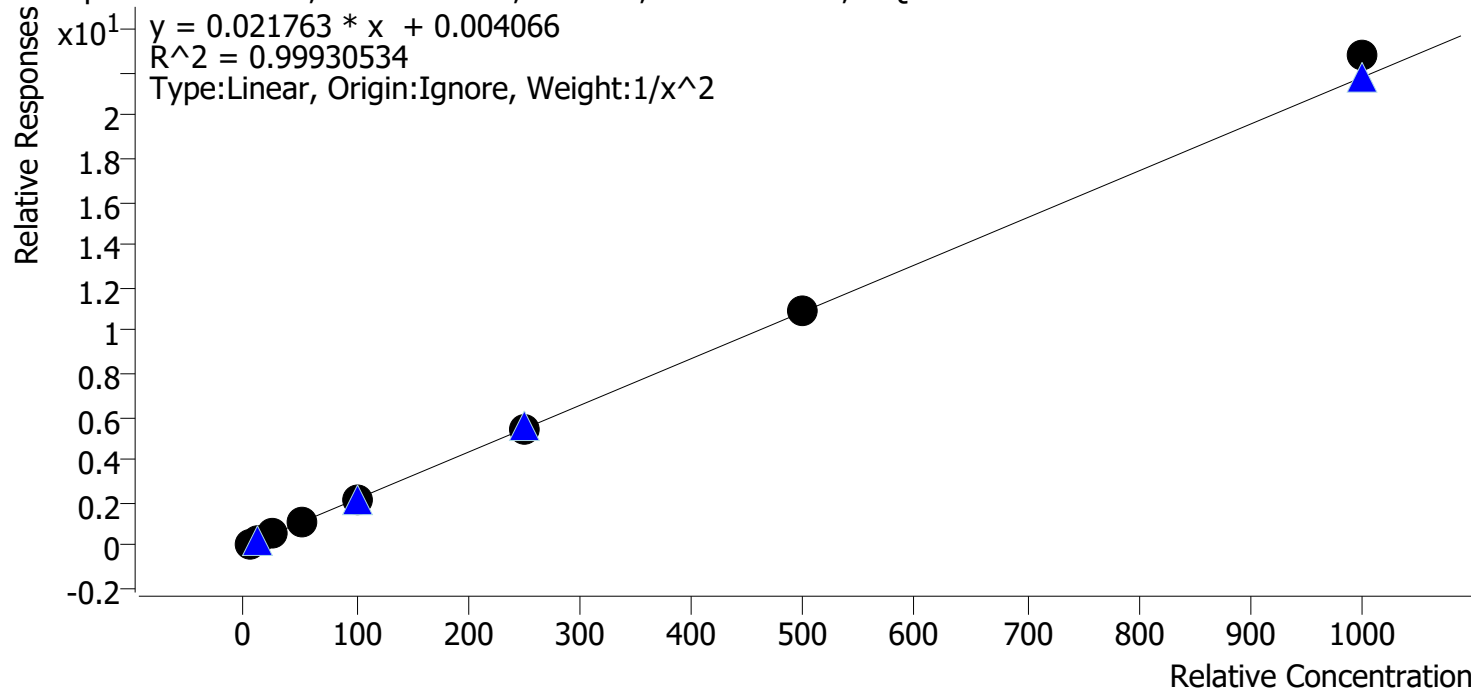


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7

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



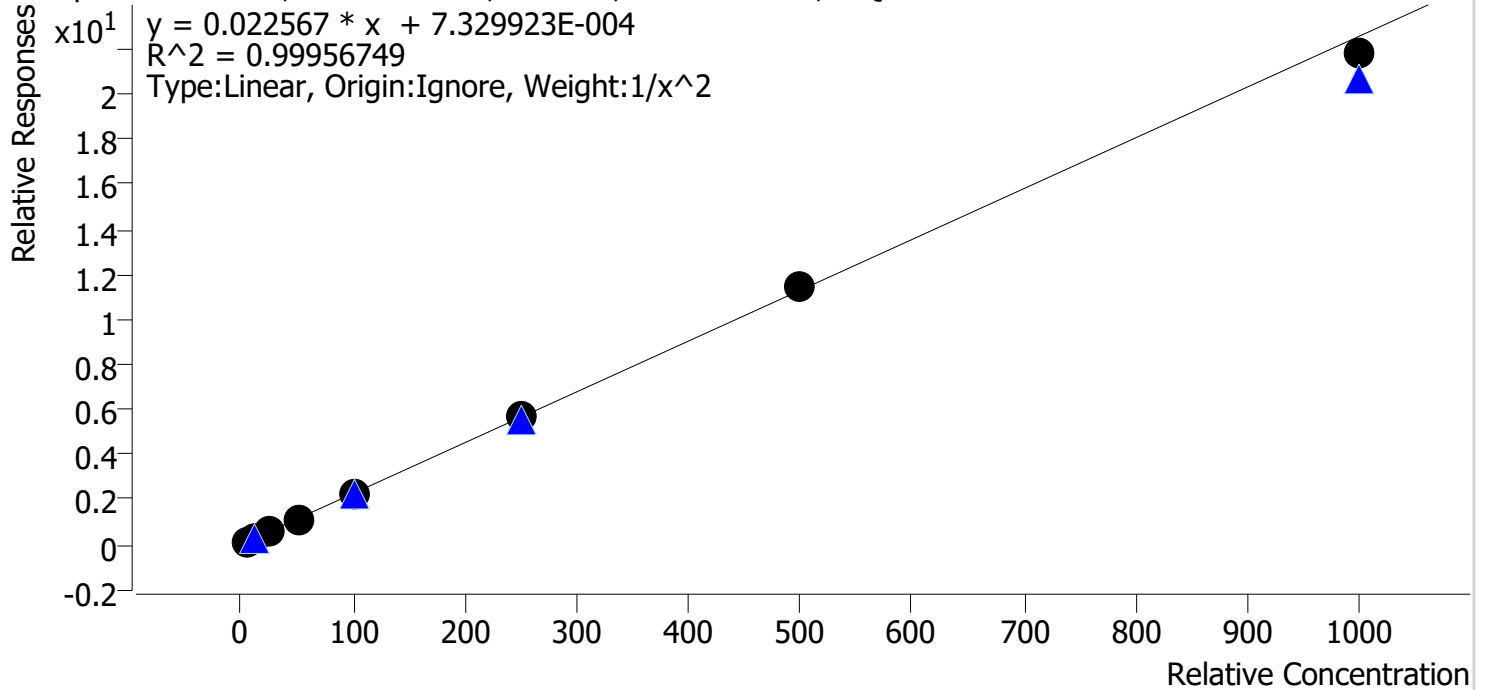
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	48.7	97.5
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	249.6	99.8
cal 7 mdq	7	✓	500.0	504.2	100.8
cal 8 mdq	8	✓	1000.0	1046.2	104.6

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6

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

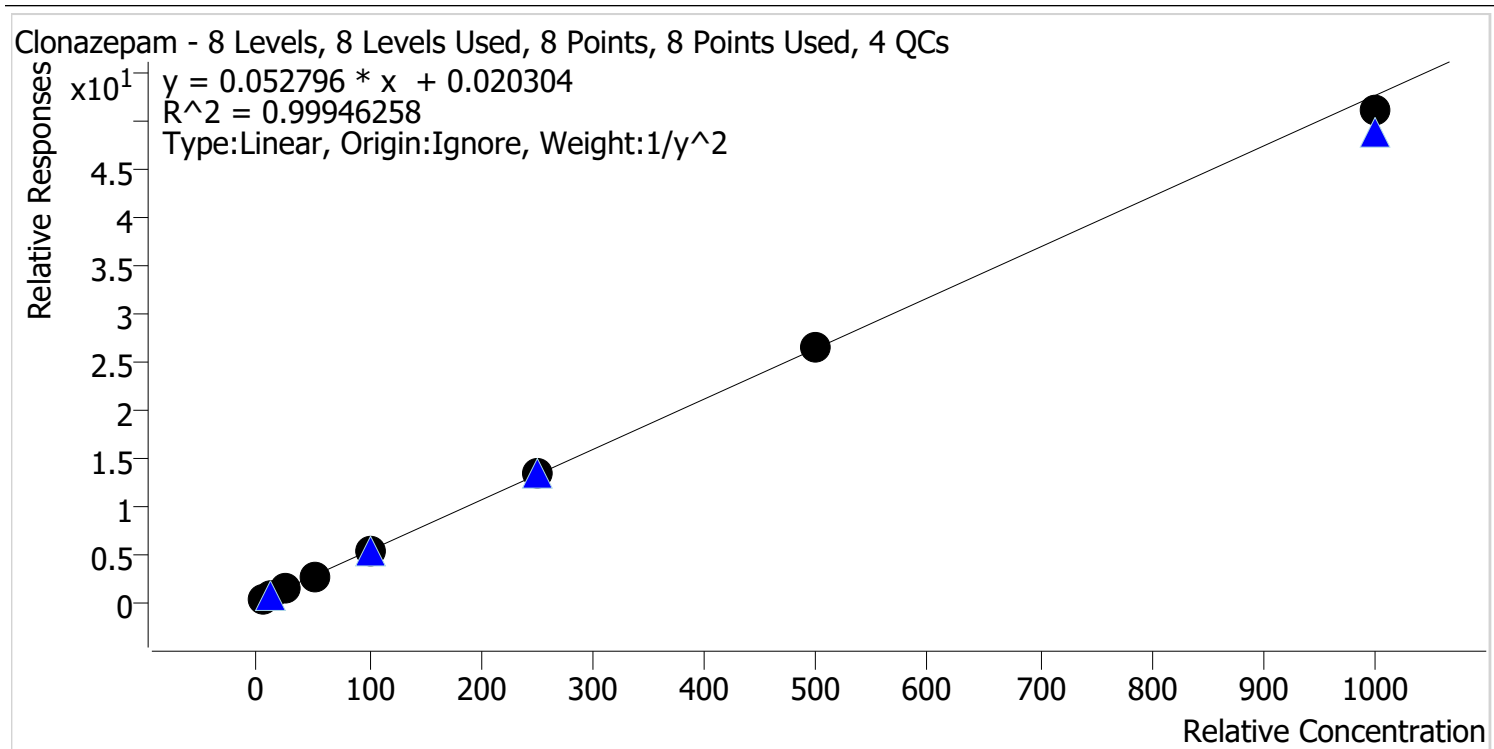


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	504.7	100.9
cal 8 mdq	8	✓	1000.0	965.9	96.6

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazepam **Internal Standard** **Clonazepam-D4**



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	50.2	100.4
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	502.0	100.4
cal 8 mdq	8	✓	1000.0	970.1	97.0

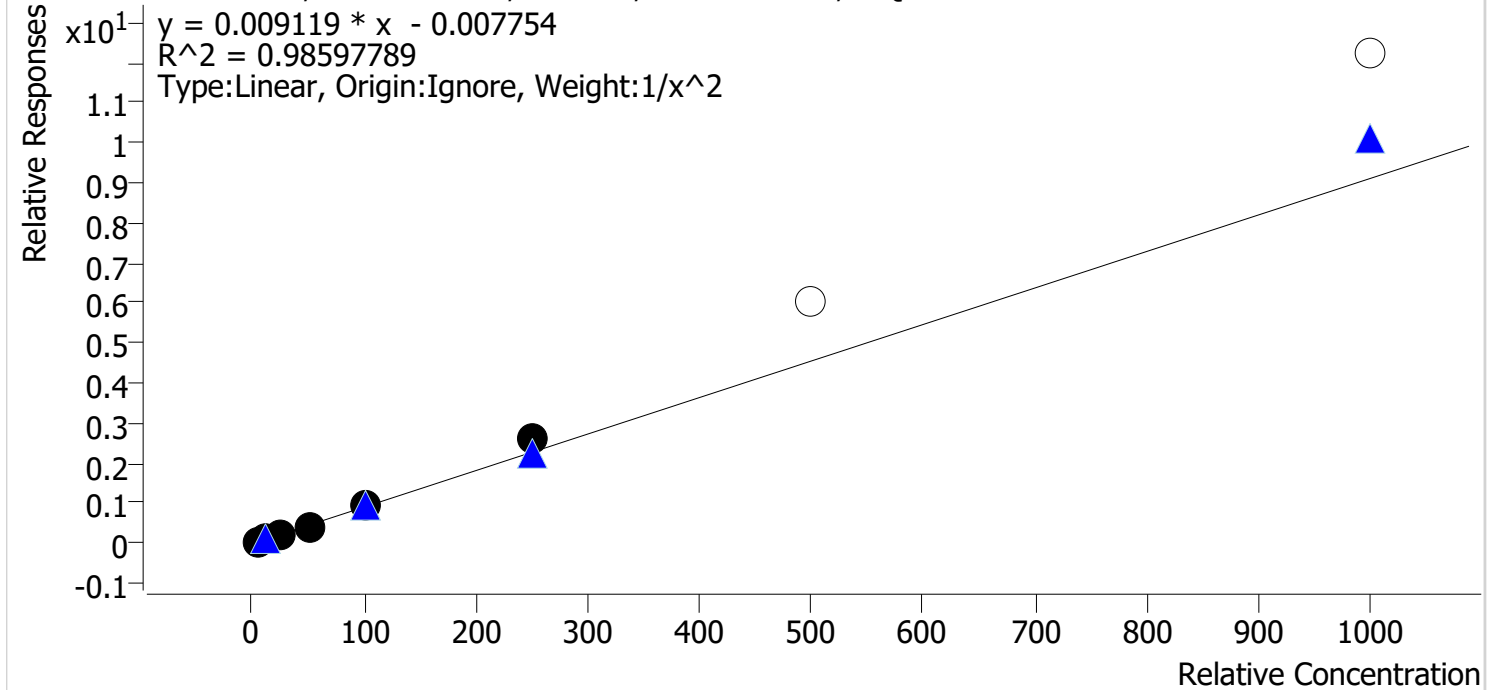


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazolam **Internal Standard** Temazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	22.2	88.8
cal 4 mdq	4	✓	50.0	45.6	91.2
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	290.4	116.2
cal 7 mdq	7	✗	500.0	662.5	132.5
cal 8 mdq	8	✗	1000.0	1342.0	134.2

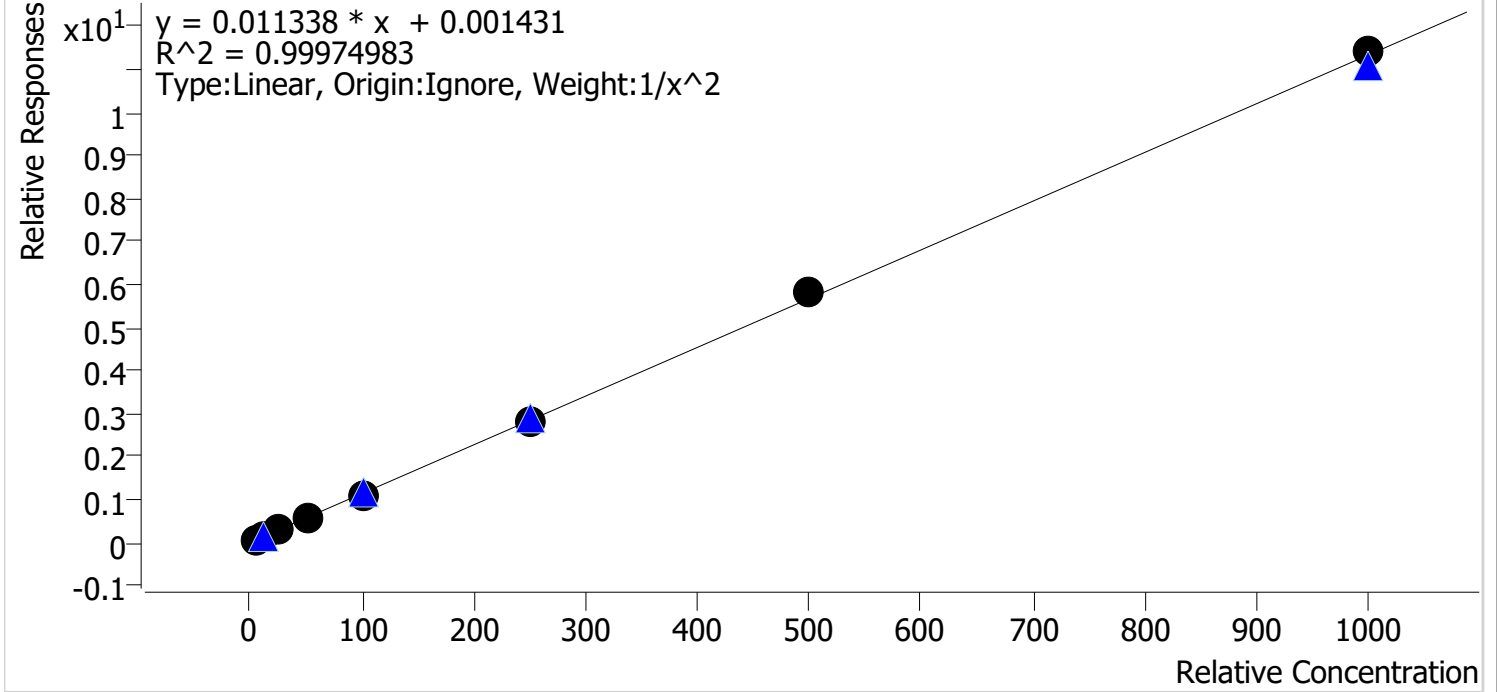
cal 7 & 8 dropped due to accuracy

# Compound Calibration Report

*Byylee*

**Batch results**      D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update**      5/3/2022 2:21 PM  
**Analyst Name**      ISP\datastor  
**Analyte**      Cocaine      **Internal Standard**      Cocaine-d3

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



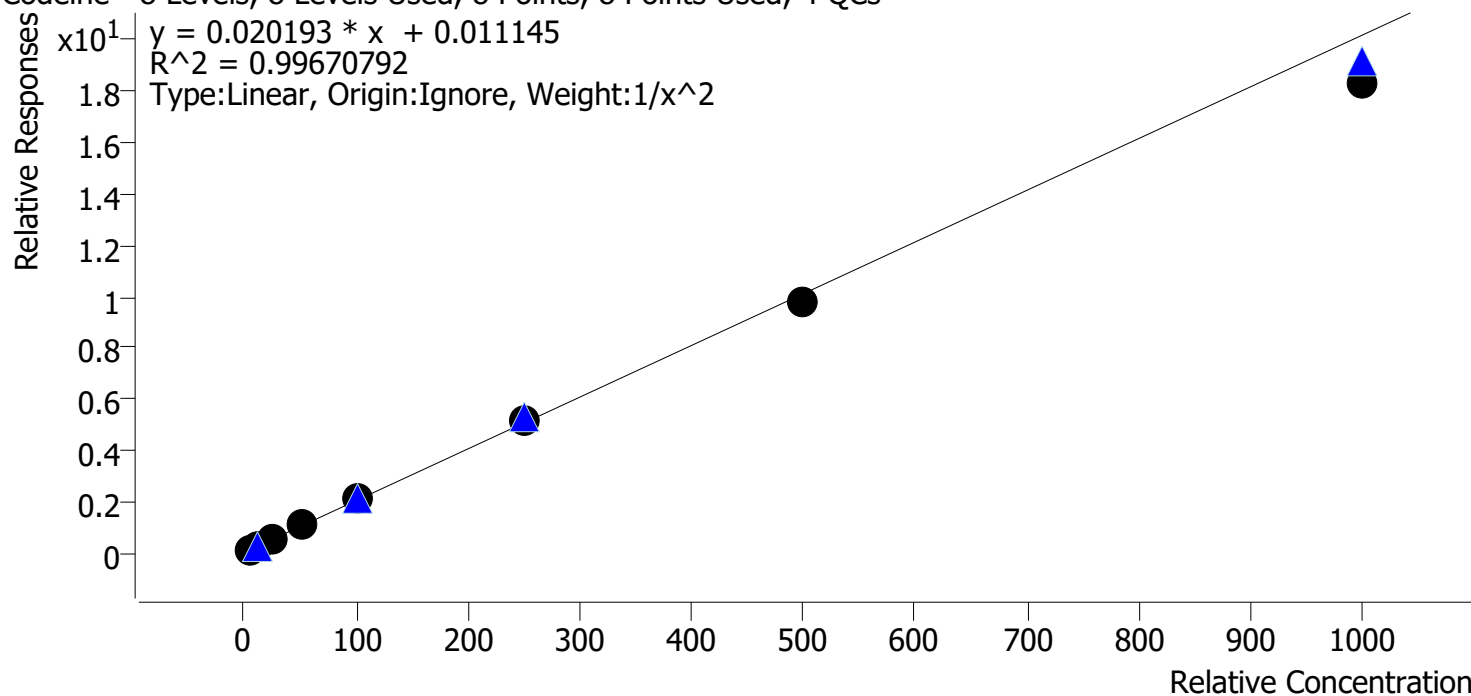
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	513.0	102.6
cal 8 mdq	8	✓	1000.0	1007.1	100.7

# Compound Calibration Report

Byylee

**Batch results**      D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update**      5/3/2022 2:21 PM  
**Analyst Name**      ISP\datastor  
**Analyte**      Codeine      **Internal Standard**      Codeine-D6

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



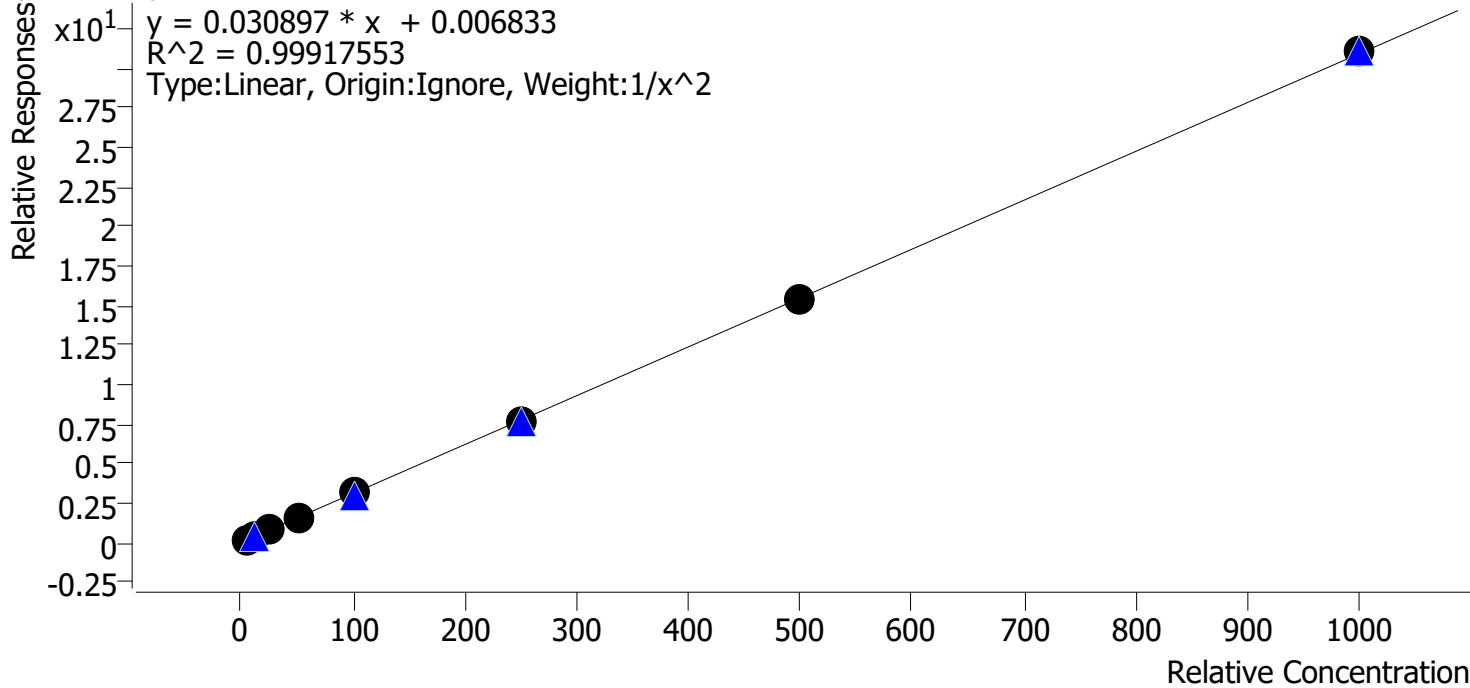
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	26.3	105.3
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	257.4	103.0
cal 7 mdq	7	✓	500.0	484.1	96.8
cal 8 mdq	8	✓	1000.0	907.9	90.8

# Compound Calibration Report

*Byylee*

<b>Batch results</b>	D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin
<b>Last Cal. Update</b>	5/3/2022 2:21 PM
<b>Analyst Name</b>	ISP\datastor
<b>Analyte</b>	Cyclobenzaprine
<b>Internal Standard</b>	Cyclobenzaprine-D3

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



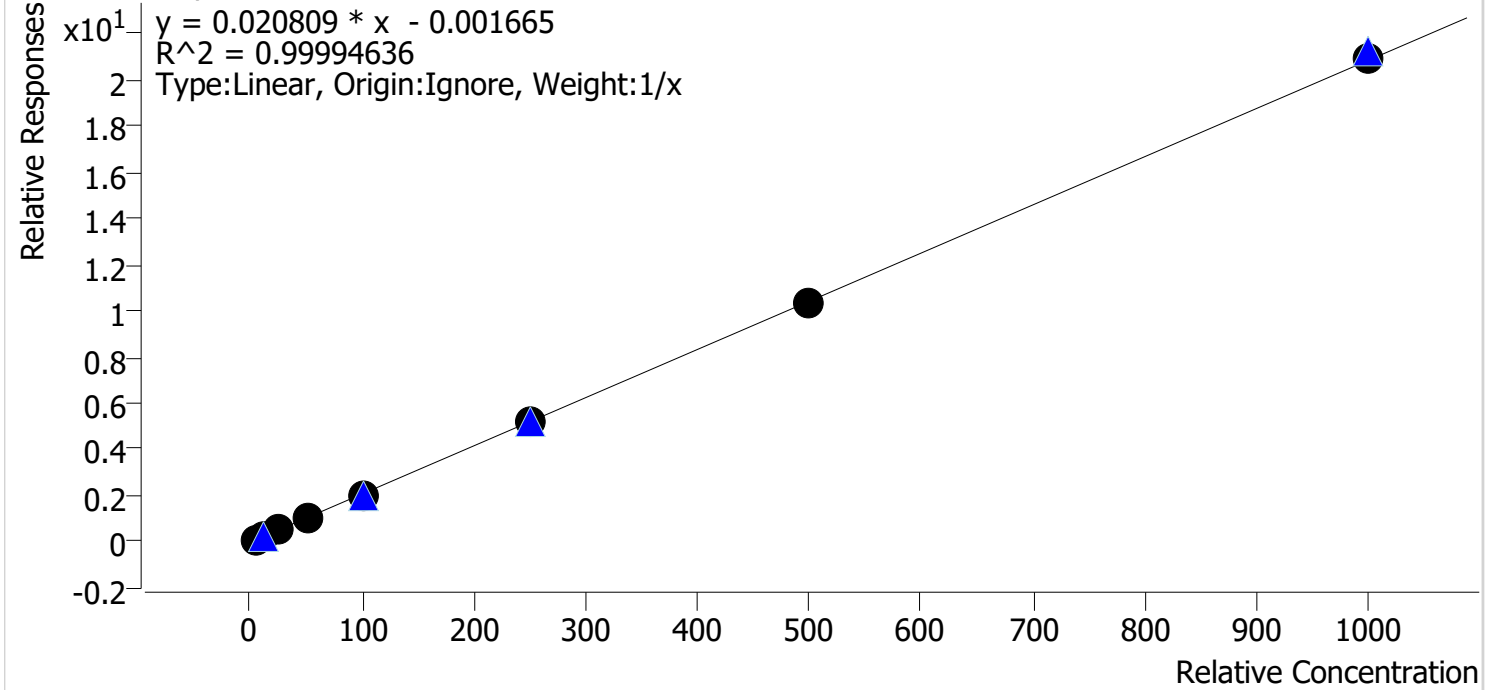
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.5	94.5
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	50.0	100.1
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	494.6	98.9
cal 8 mdq	8	✓	1000.0	1004.4	100.4

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



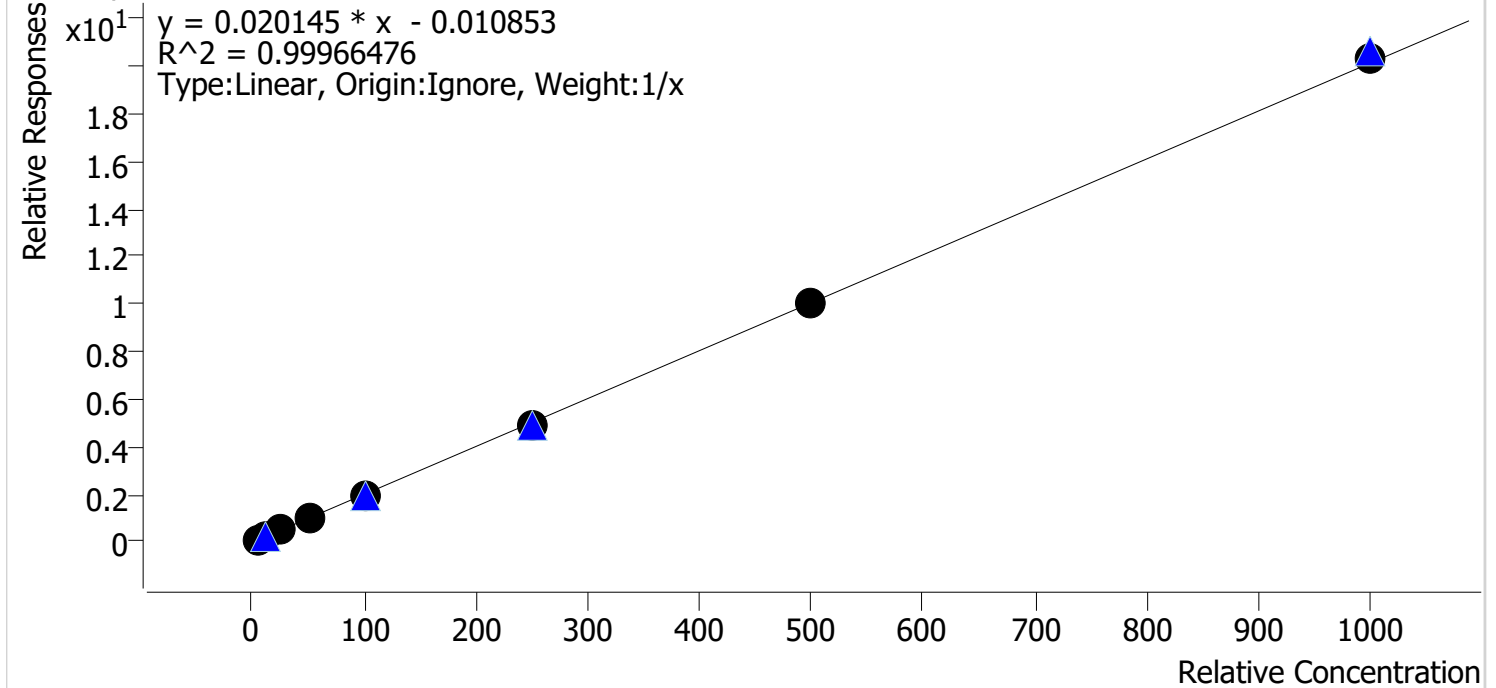
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	499.9	100.0
cal 8 mdq	8	✓	1000.0	1002.5	100.2

# Compound Calibration Report

B. Wylee

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Dextrorphan **Internal Standard** Dextrorphan-D3

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



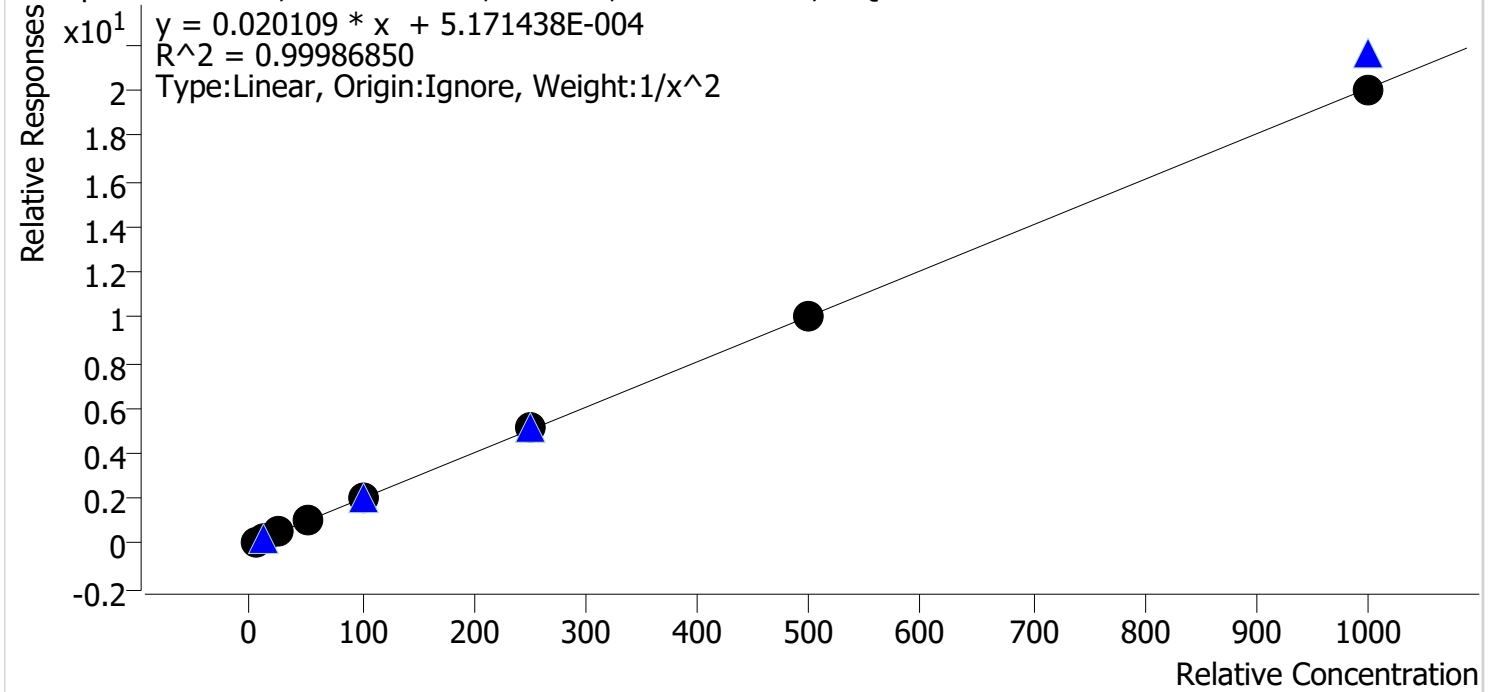
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.4
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	24.5	98.2
cal 4 mdq	4	✓	50.0	48.7	97.5
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	243.1	97.3
cal 7 mdq	7	✓	500.0	498.0	99.6
cal 8 mdq	8	✓	1000.0	1013.7	101.4

# Compound Calibration Report

Byylee

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	252.9	101.1
cal 7 mdq	7	✓	500.0	500.3	100.1
cal 8 mdq	8	✓	1000.0	999.4	99.9





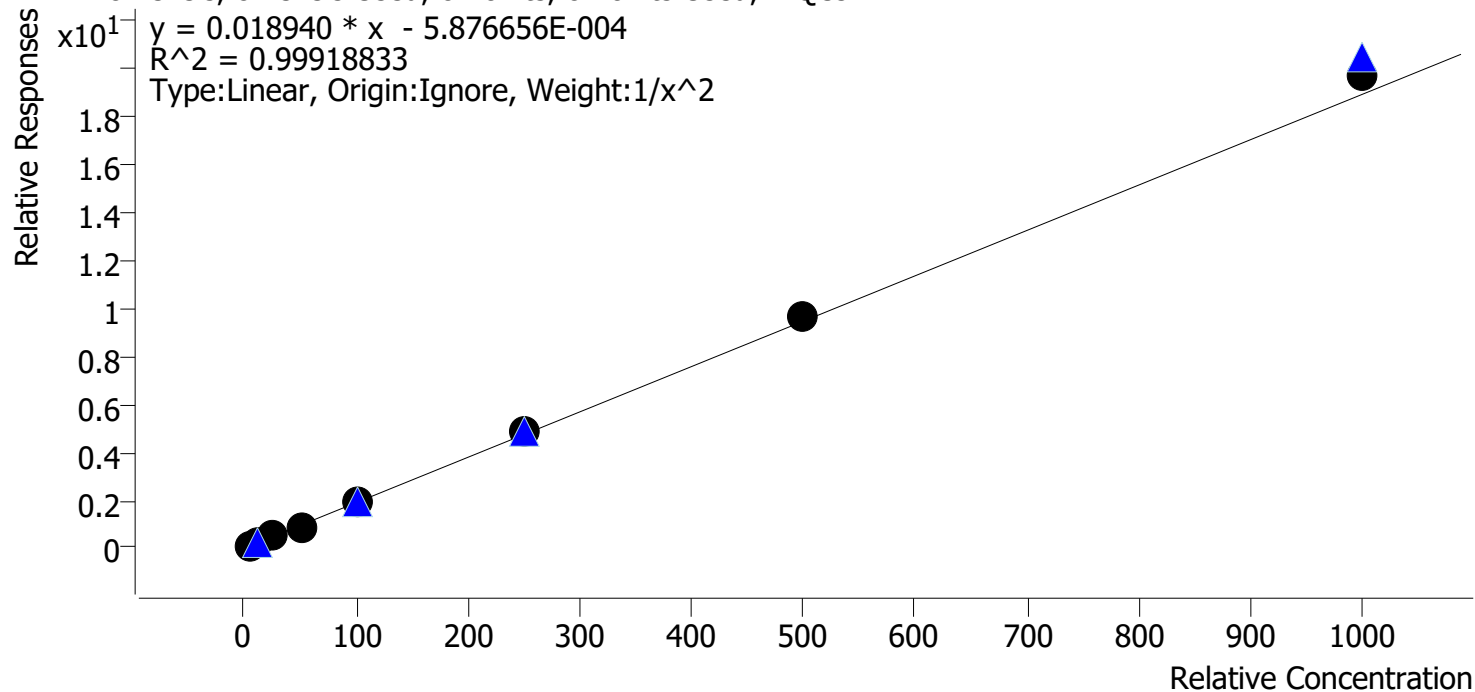


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.5	97.8
cal 4 mdq	4	✓	50.0	48.4	96.7
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	254.8	101.9
cal 7 mdq	7	✓	500.0	506.6	101.3
cal 8 mdq	8	✓	1000.0	1039.2	103.9

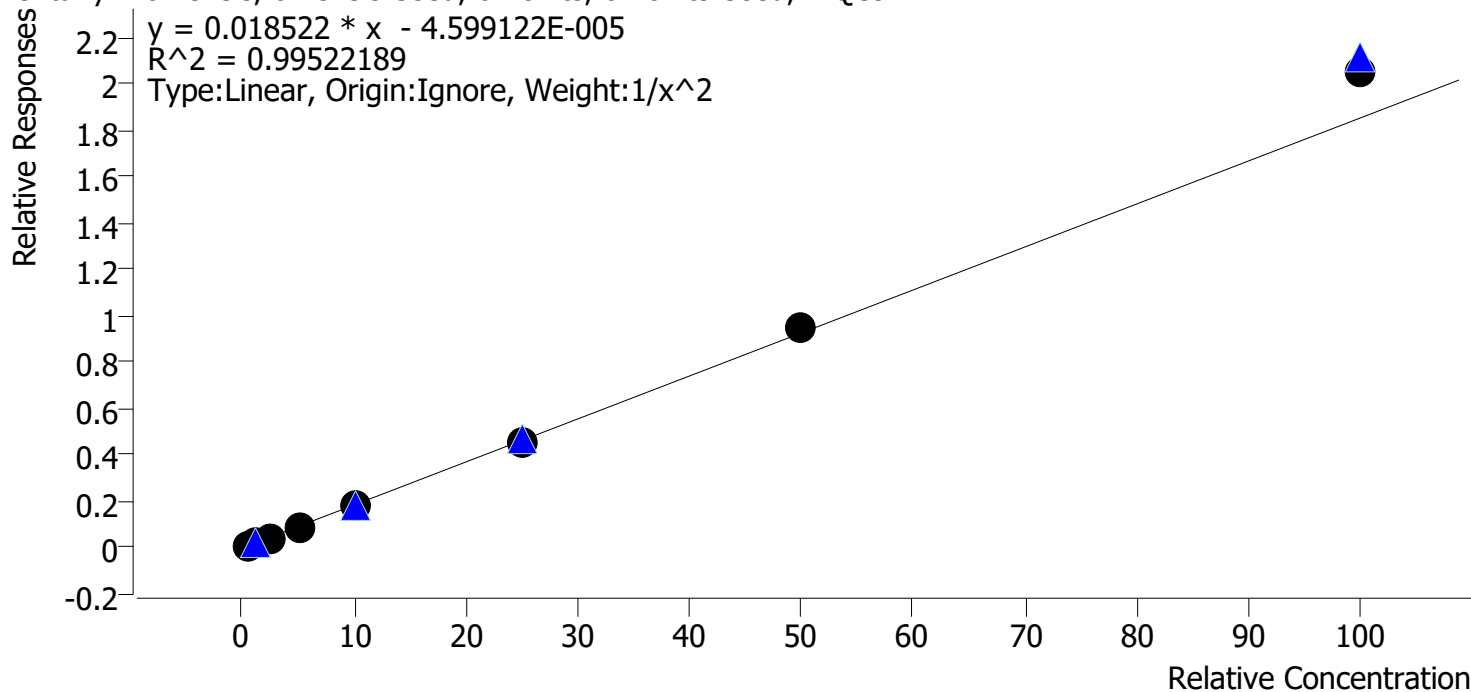


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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



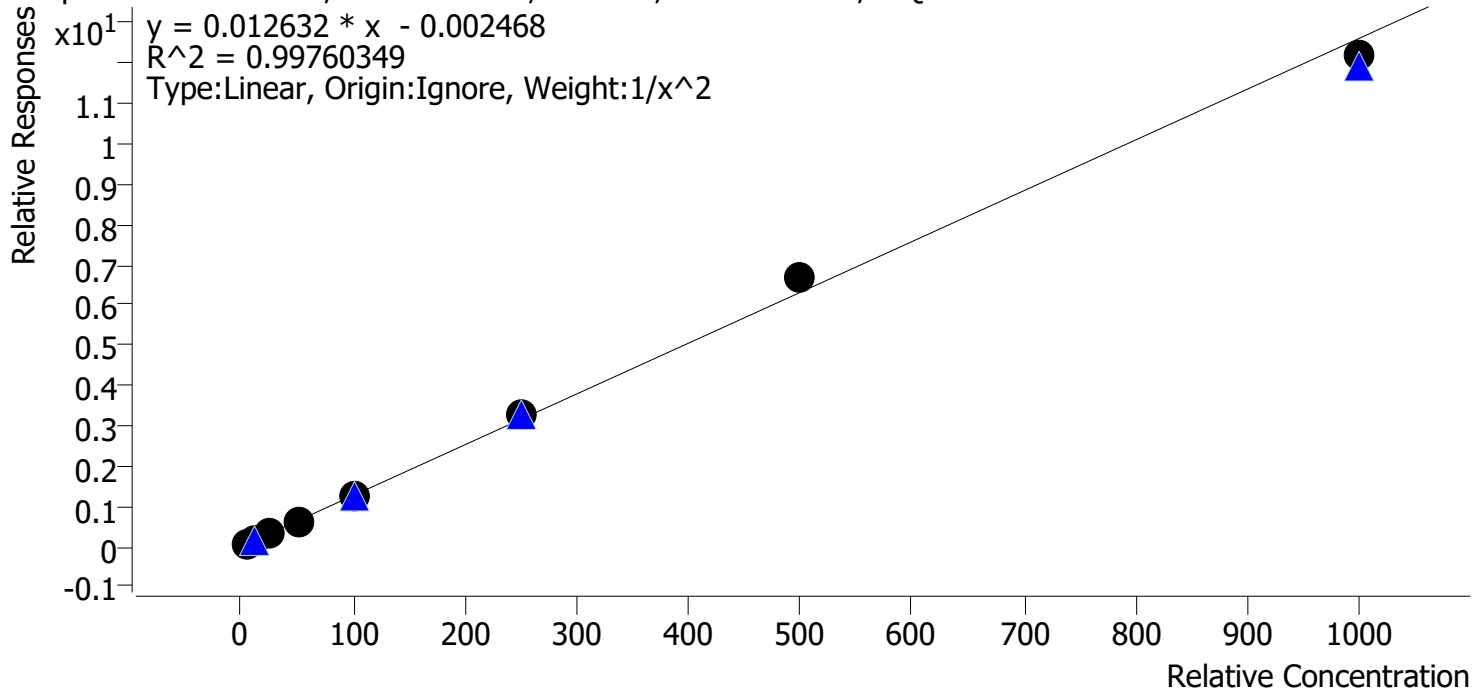
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	103.5
cal 2 mdq	2	✓	1.0	1.0	97.6
cal 3 mdq	3	✓	2.5	2.3	90.2
cal 4 mdq	4	✓	5.0	4.9	97.9
cal 5 mdq	5	✓	10.0	9.7	97.1
cal 6 mdq	6	✓	25.0	24.9	99.8
cal 7 mdq	7	✓	50.0	51.7	103.3
cal 8 mdq	8	✓	100.0	110.7	110.7

# Compound Calibration Report

*Boylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Flualprazolam **Internal Standard** Alprazolam-D5

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



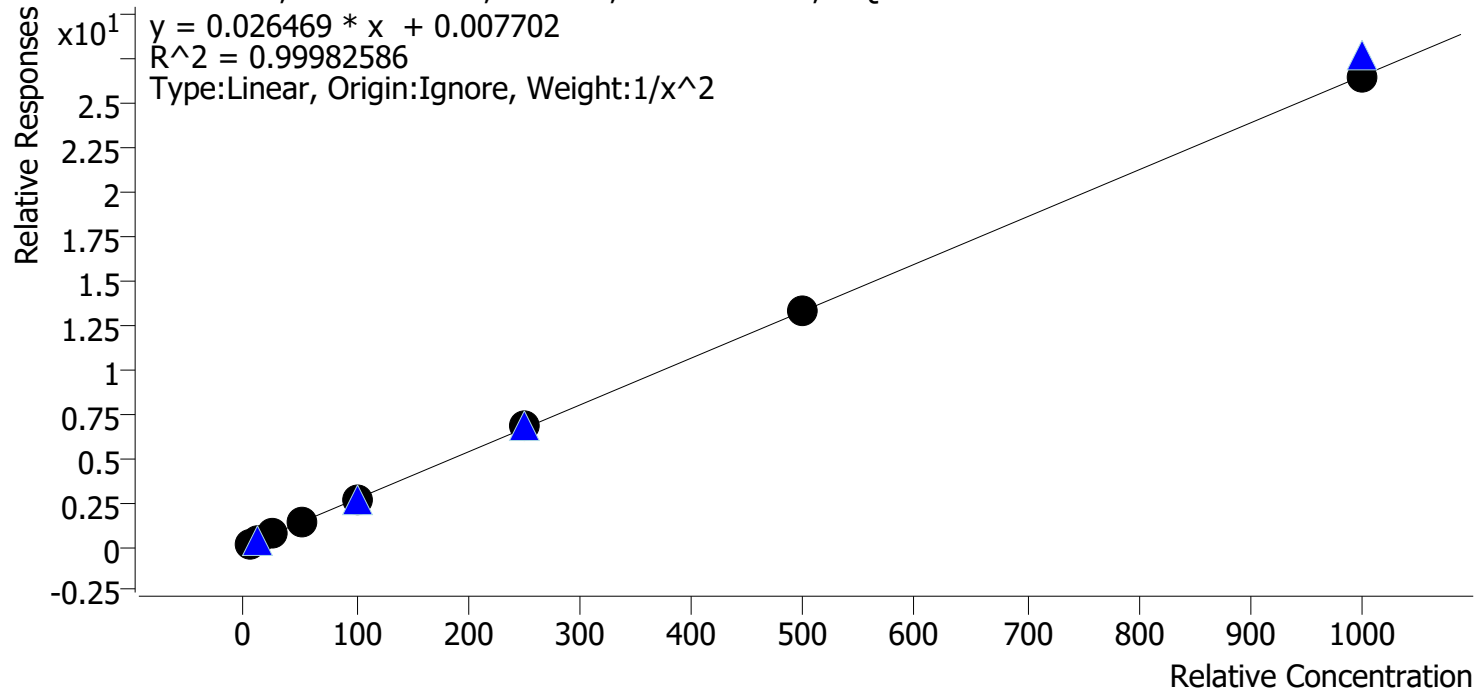
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.3	93.1
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	256.2	102.5
cal 7 mdq	7	✓	500.0	532.0	106.4
cal 8 mdq	8	✓	1000.0	966.0	96.6

# Compound Calibration Report

*Boyle*

**Batch results**      D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update**      5/3/2022 2:21 PM  
**Analyst Name**      ISP\datastor  
**Analyte**      Fluoxetine      **Internal Standard**      Fluoxetine-D6

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



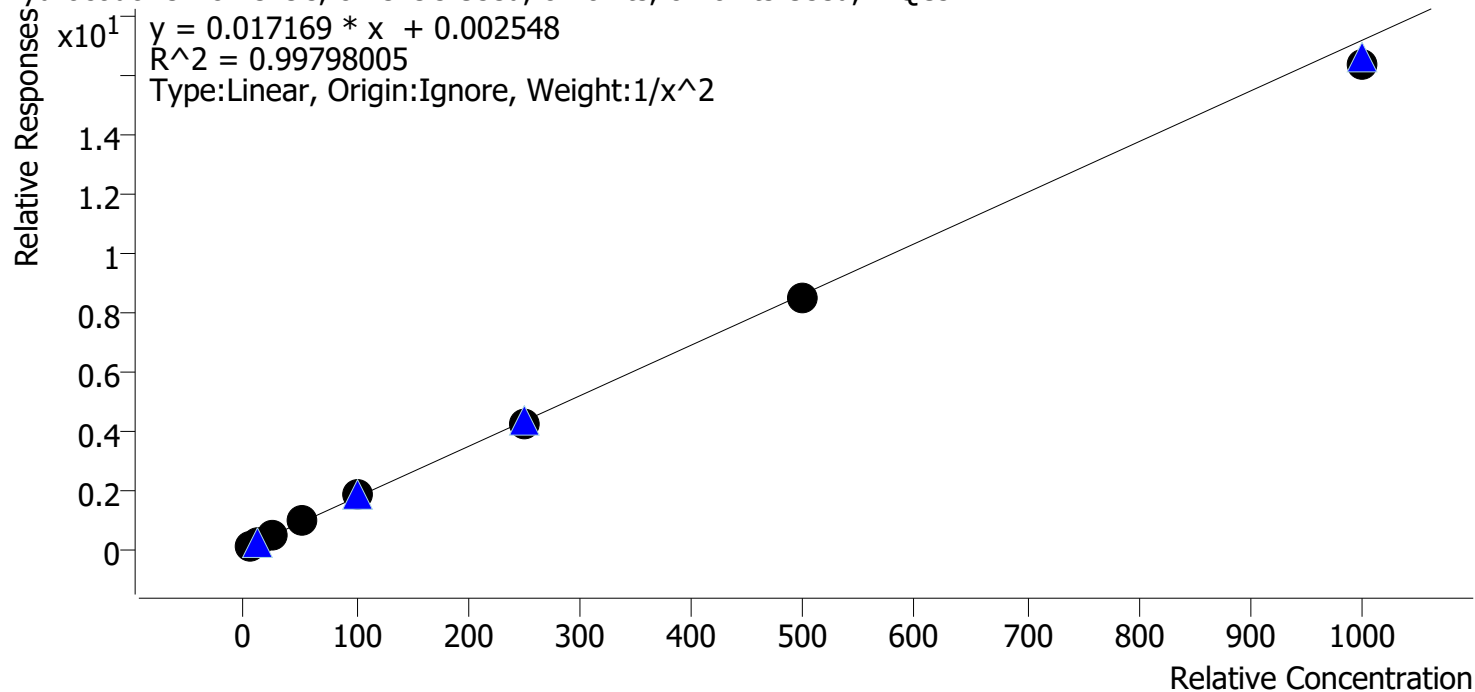
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	253.9	101.6
cal 7 mdq	7	✓	500.0	498.3	99.7
cal 8 mdq	8	✓	1000.0	995.2	99.5

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	494.4	98.9
cal 8 mdq	8	✓	1000.0	953.3	95.3







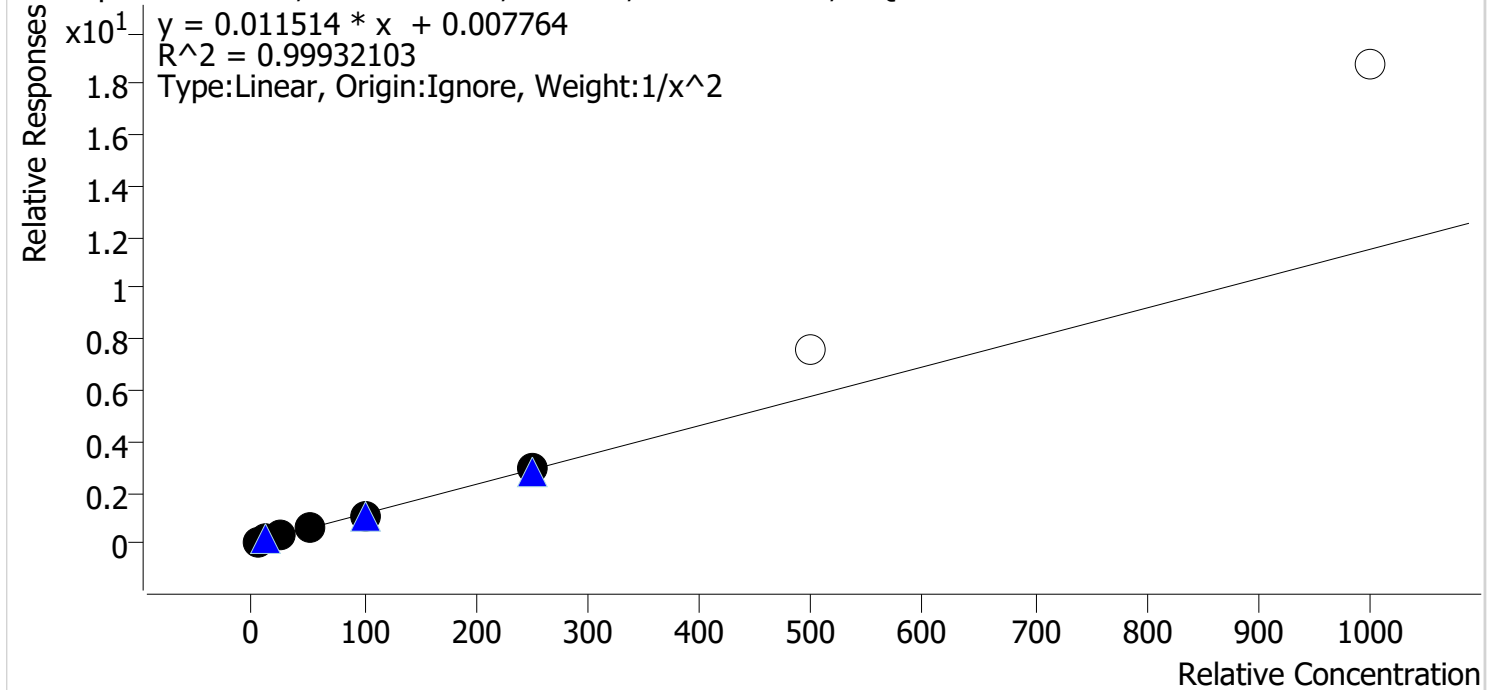


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	254.6	101.8
cal 7 mdq	7	✗	500.0	654.7	130.9
cal 8 mdq	8	✗	1000.0	1631.0	163.1

Cal 7 & 8 dropped due to accuracy

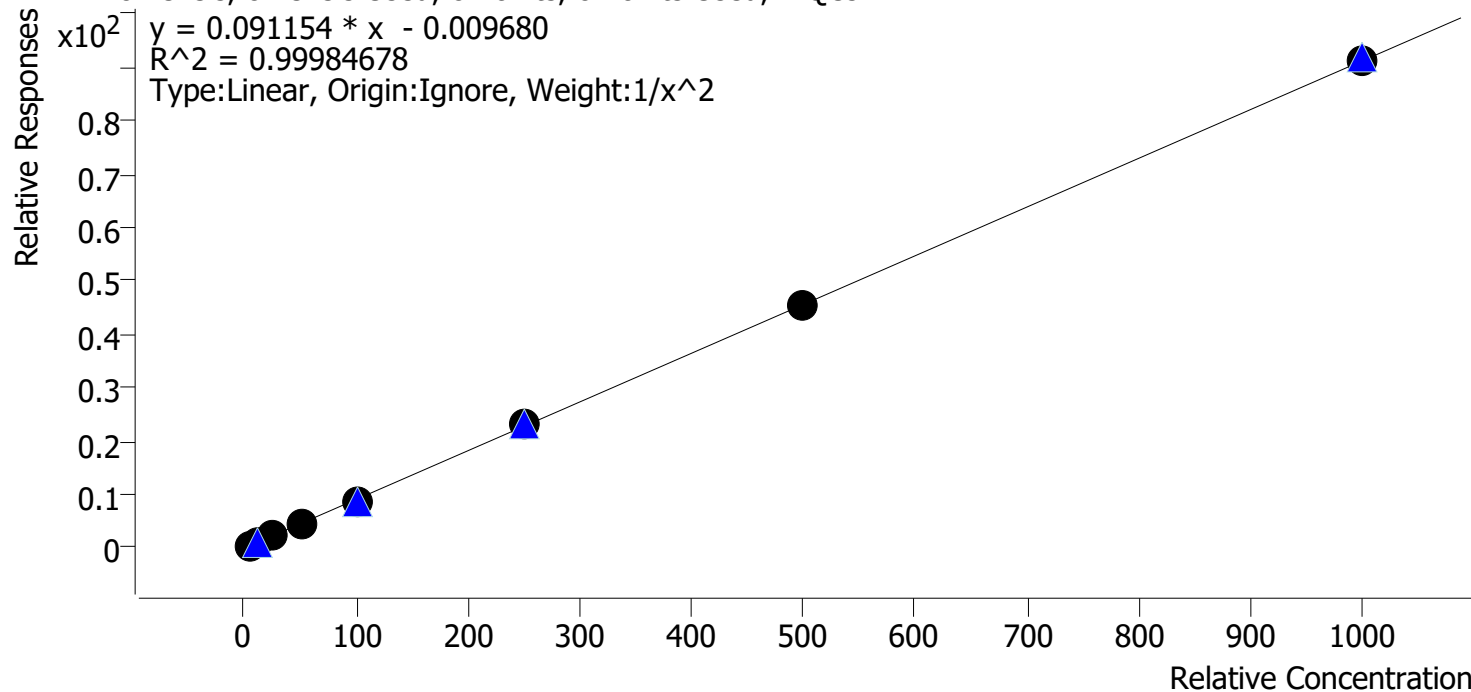


# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	251.6	100.7
cal 7 mdq	7	✓	500.0	500.3	100.1
cal 8 mdq	8	✓	1000.0	998.3	99.8







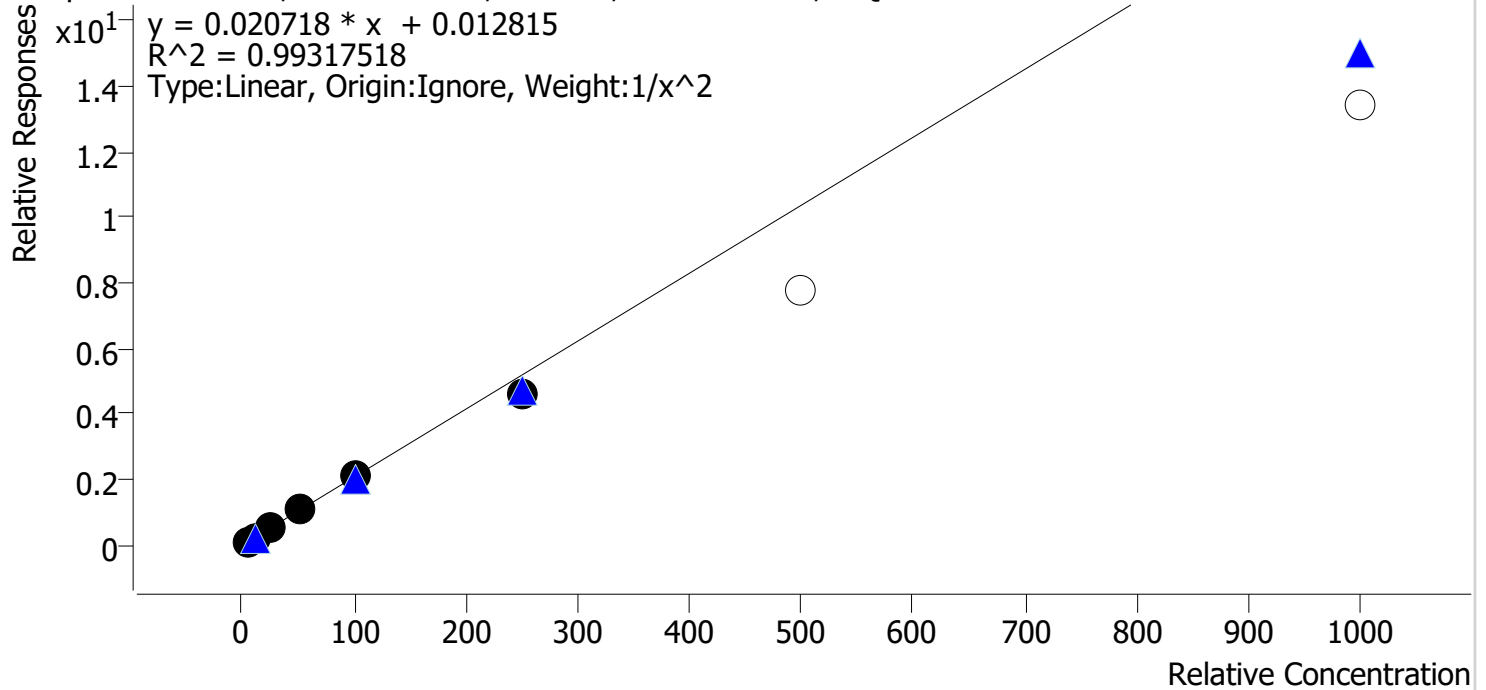


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Metoprolol **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.6
cal 2 mdq	2	✓	10.0	10.7	106.6
cal 3 mdq	3	✓	25.0	25.9	103.8
cal 4 mdq	4	✓	50.0	52.6	105.3
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	222.3	88.9
cal 7 mdq	7	✗	500.0	376.8	75.4
cal 8 mdq	8	✗	1000.0	649.9	65.0

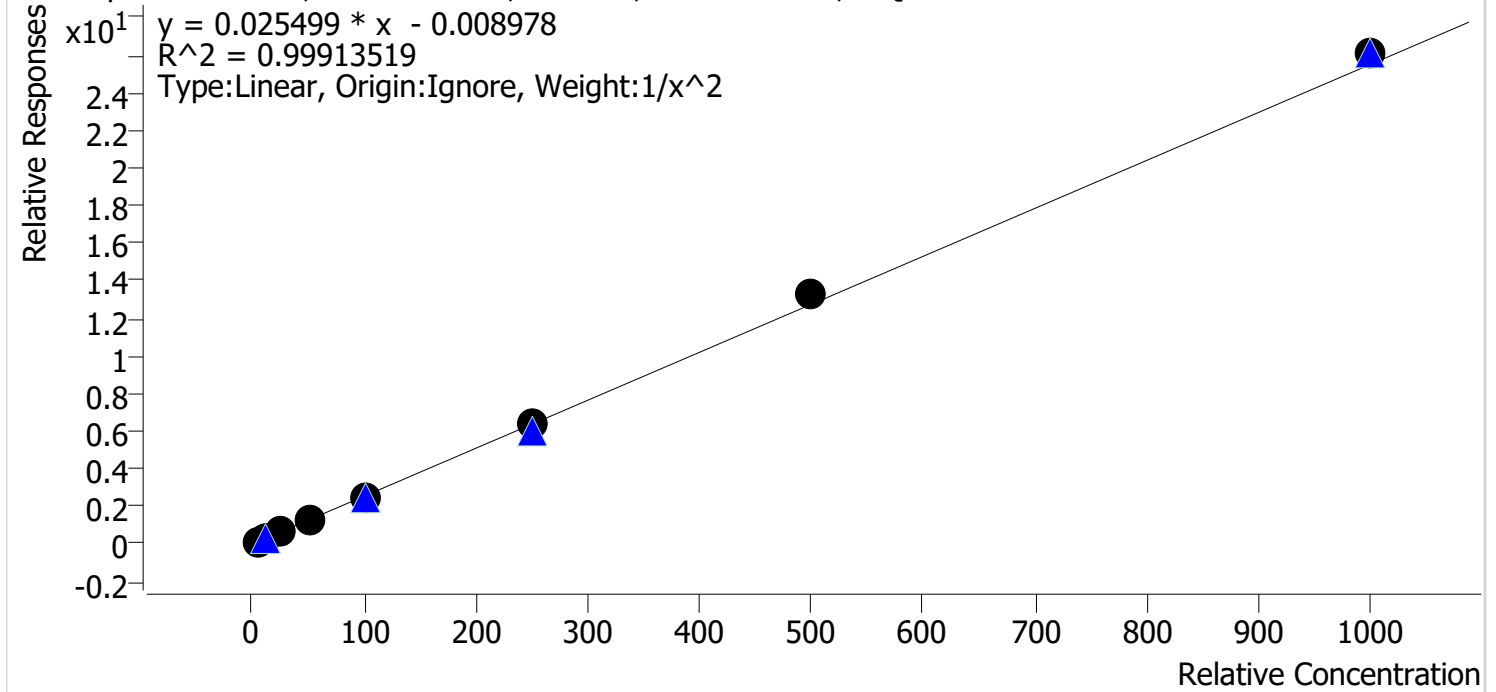
Cal 7 & 8 dropped due to accuracy

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** **Methadone-D9**

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	95.7	95.7
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	518.2	103.6
cal 8 mdq	8	✓	1000.0	1022.3	102.2

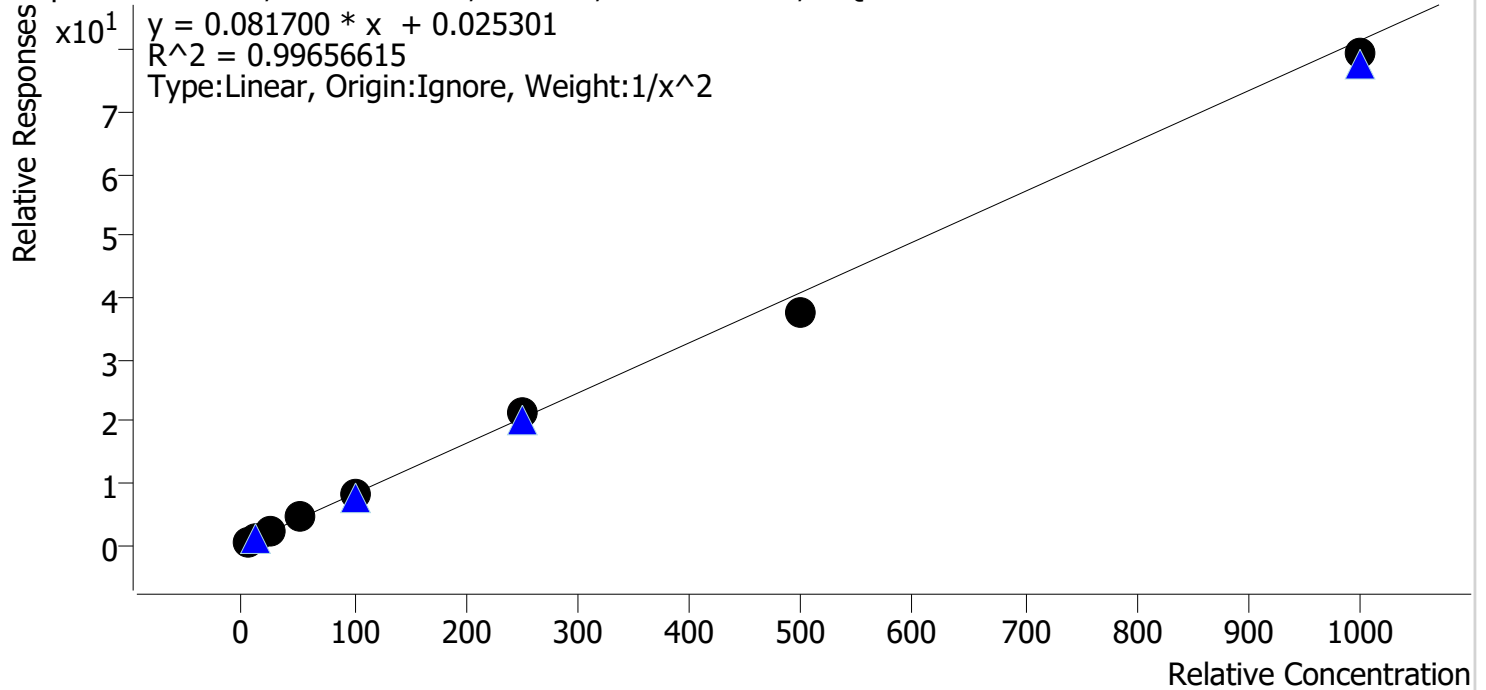


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	9.7	97.2
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	52.3	104.6
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	262.9	105.2
cal 7 mdq	7	✓	500.0	457.6	91.5
cal 8 mdq	8	✓	1000.0	973.8	97.4

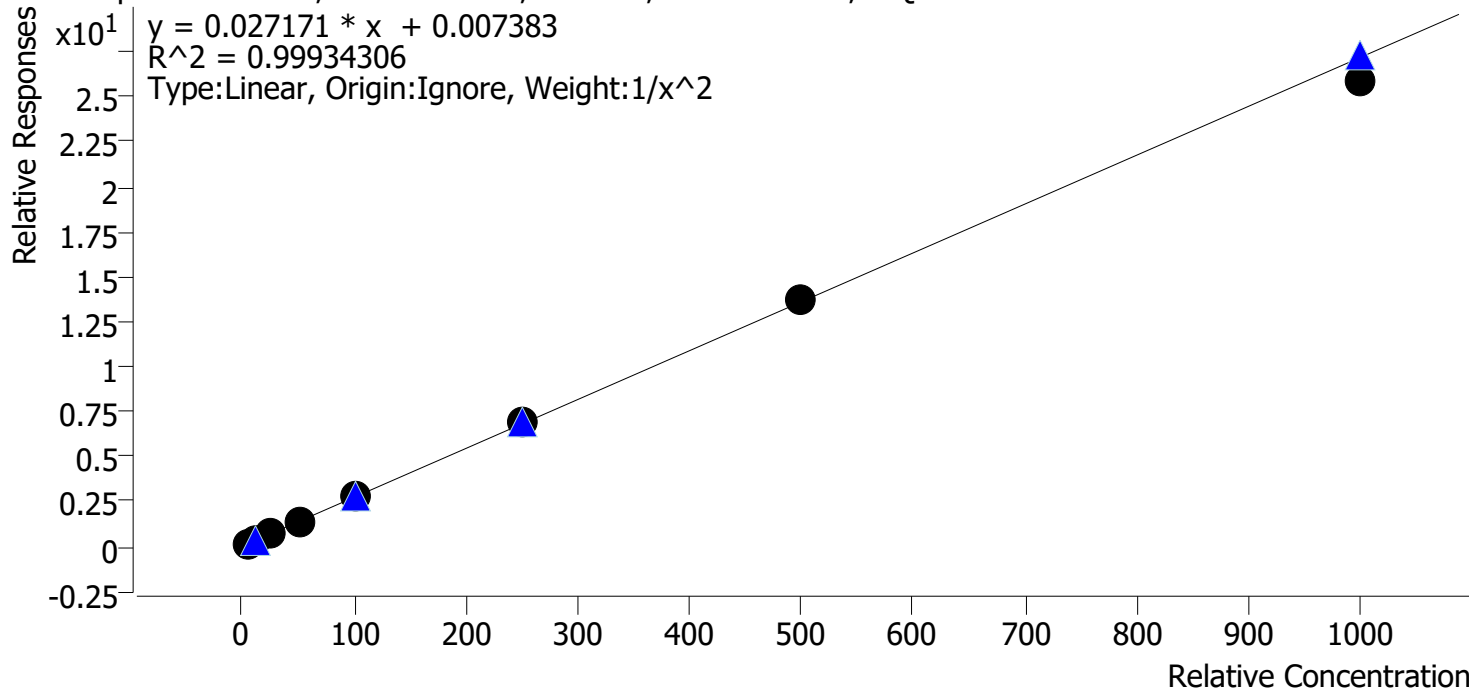


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Nordiazepam **Internal Standard** Nordiazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.2	102.5
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	501.3	100.3
cal 8 mdq	8	✓	1000.0	953.7	95.4







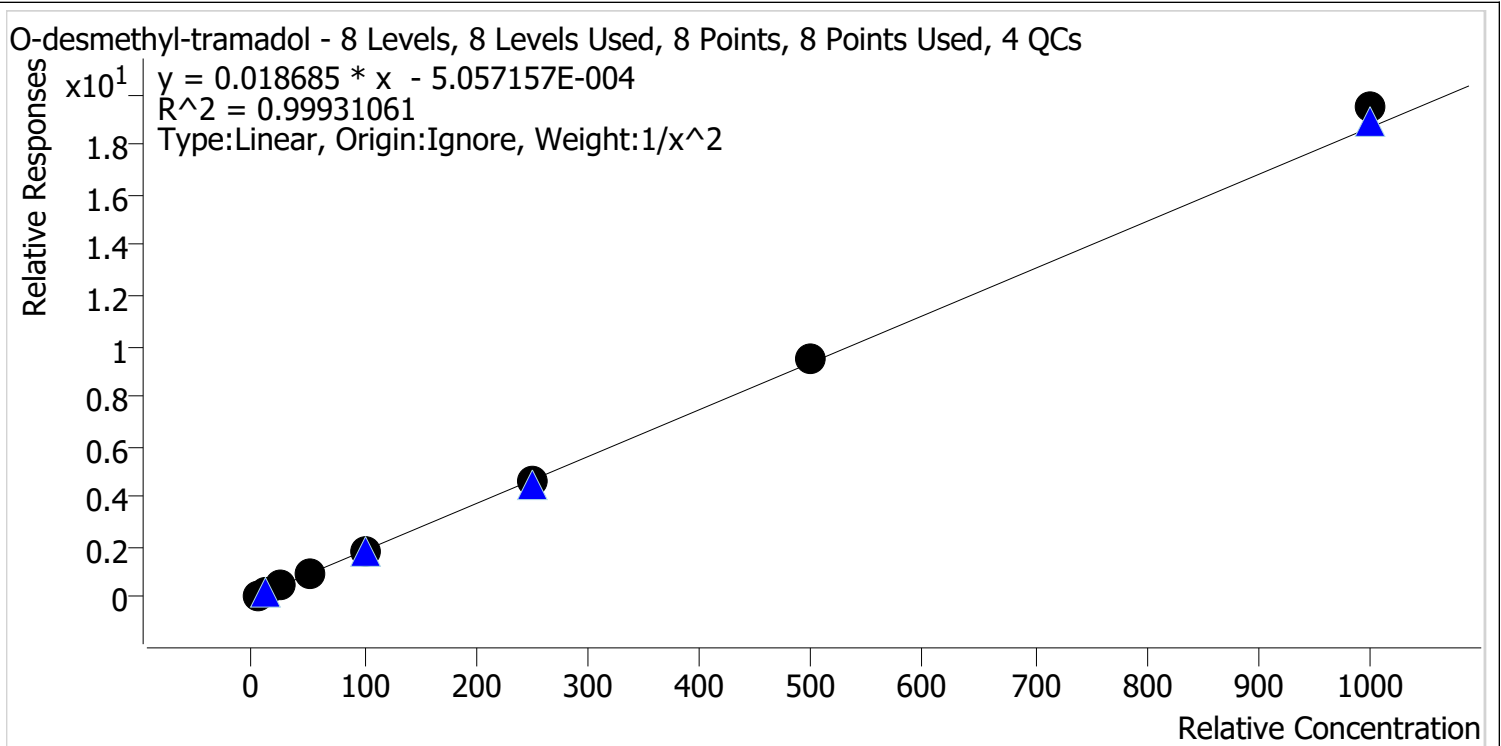


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** O-desmethyl-tramadol

**Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	247.7	99.1
cal 7 mdq	7	✓	500.0	509.6	101.9
cal 8 mdq	8	✓	1000.0	1042.9	104.3













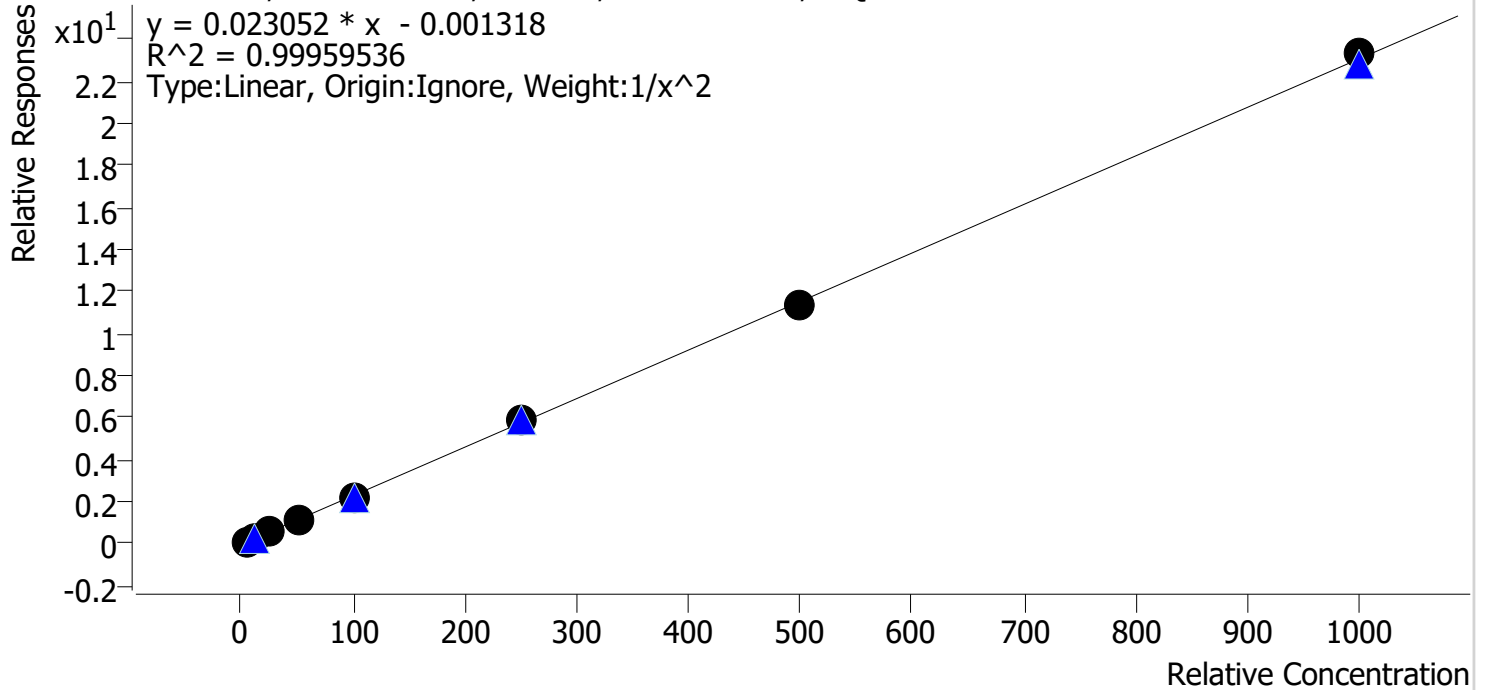


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	24.9	99.8
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	254.1	101.6
cal 7 mdq	7	✓	500.0	494.2	98.8
cal 8 mdq	8	✓	1000.0	1010.8	101.1

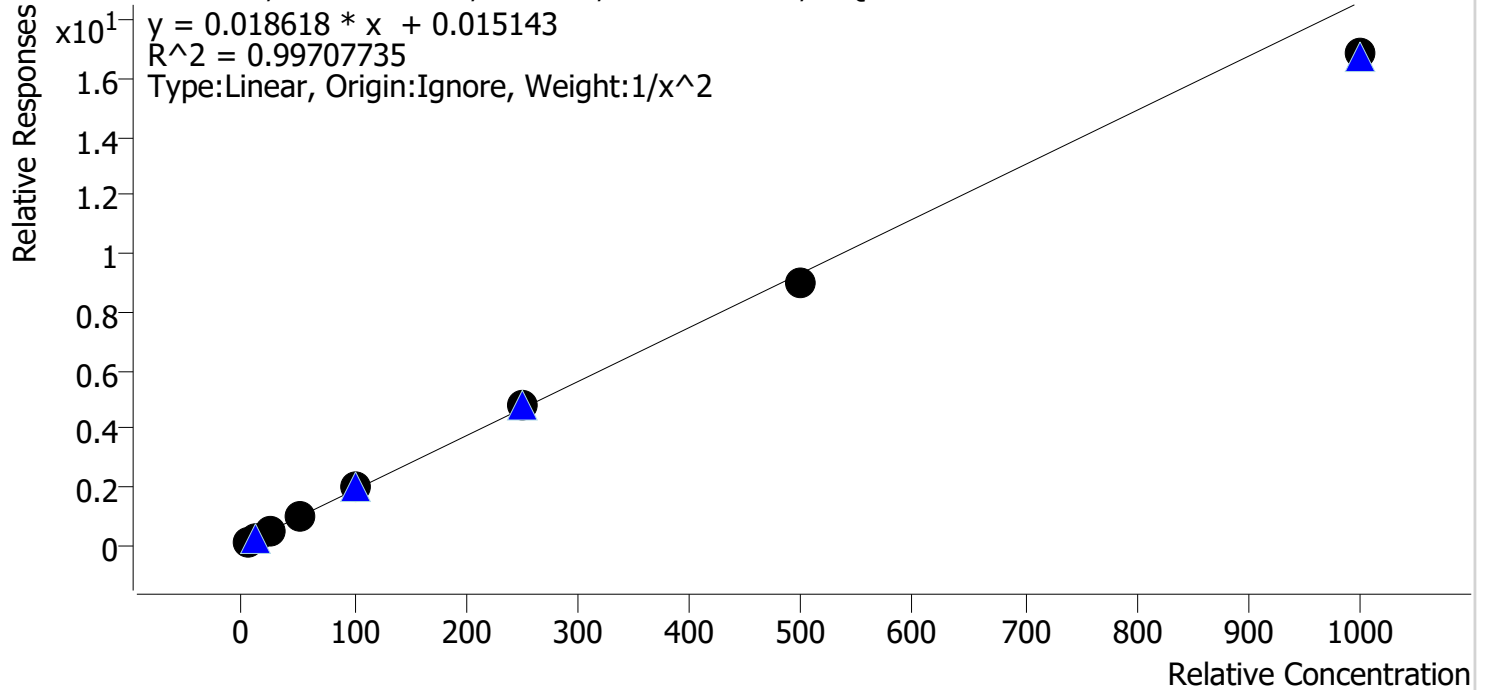


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.9	103.7
cal 4 mdq	4	✓	50.0	51.9	103.9
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdq	6	✓	250.0	253.5	101.4
cal 7 mdq	7	✓	500.0	485.4	97.1
cal 8 mdq	8	✓	1000.0	904.9	90.5







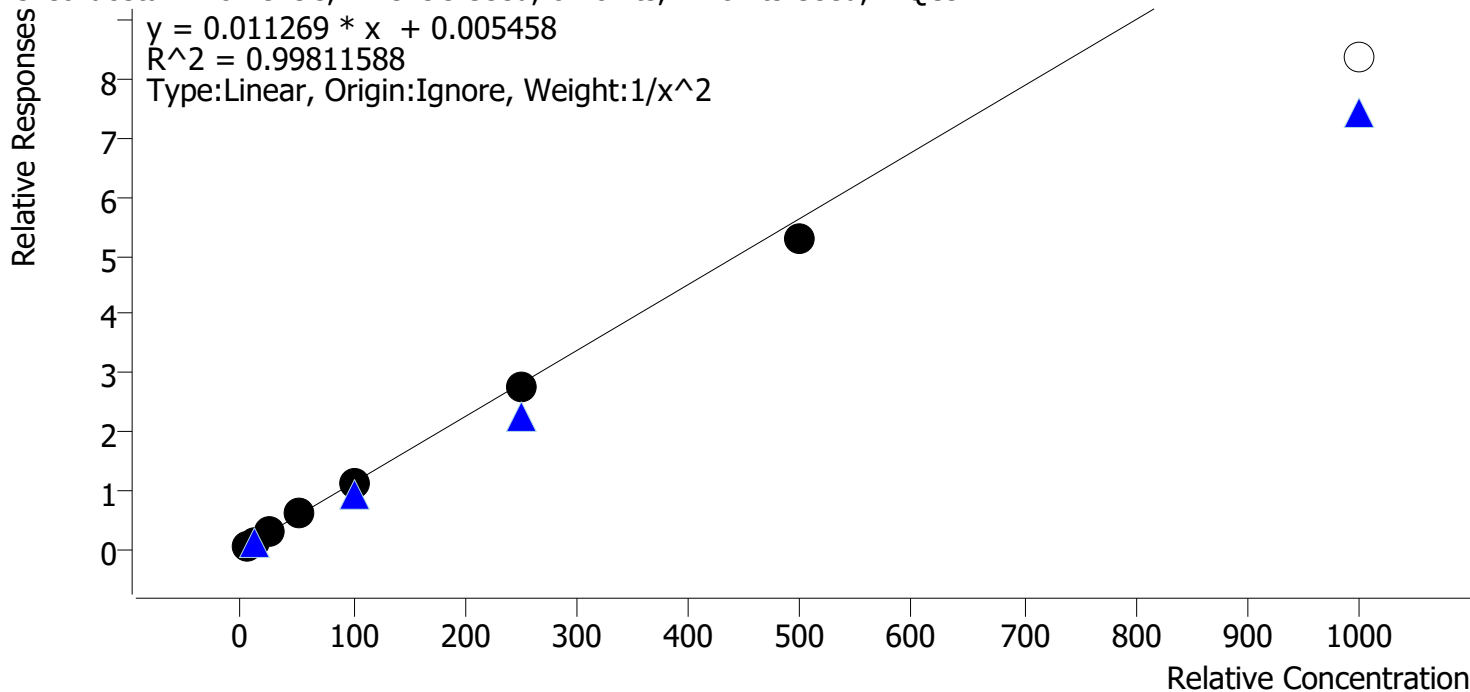


# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Levetiracetam **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	52.7	105.5
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	243.7	97.5
cal 7 mdq	7	✓	500.0	470.1	94.0
cal 8 mdq	8	x	1000.0	742.9	74.3

cal 8 dropped due to accuracy

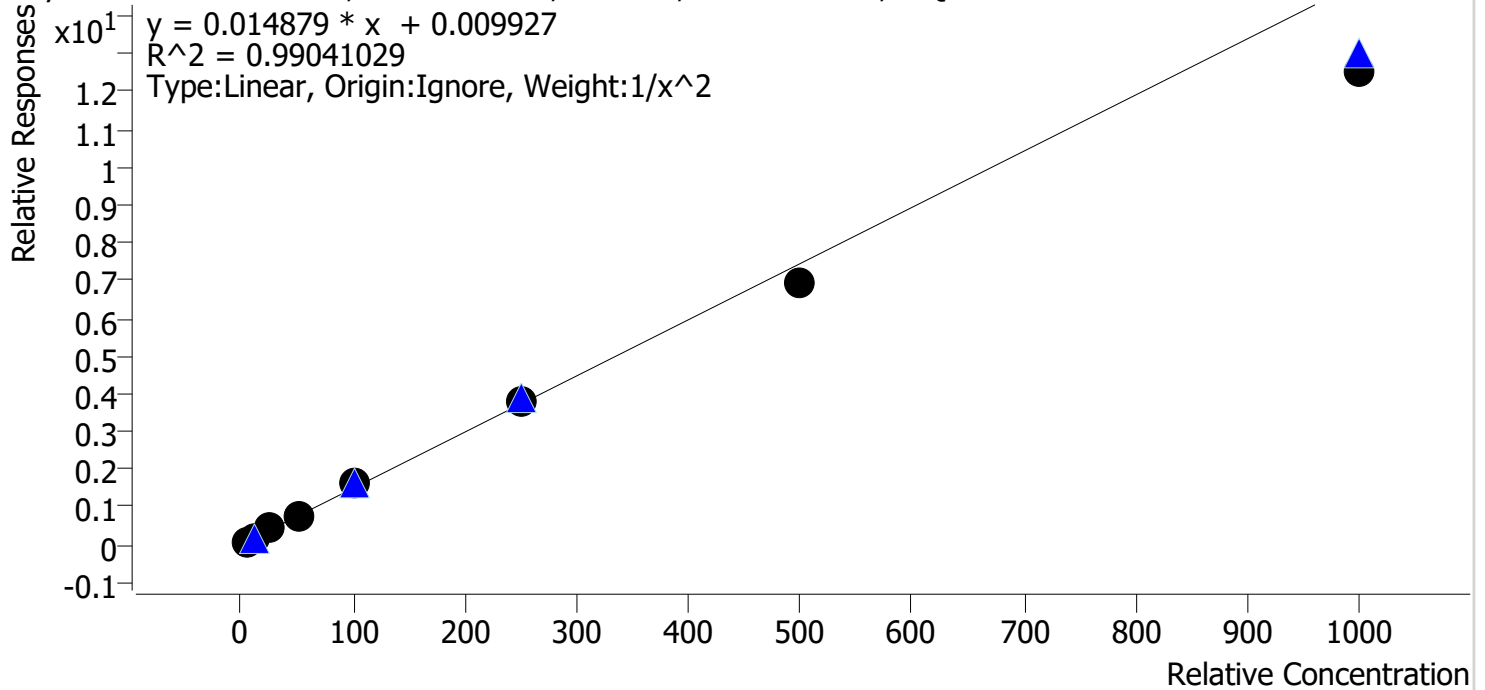


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2022\lam 27-28\050222\QuantResults\lam 28 5-2-22.batch.bin  
**Last Cal. Update** 5/3/2022 2:21 PM  
**Analyst Name** ISP\datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.1
cal 2 mdq	2	✓	10.0	10.5	104.6
cal 3 mdq	3	✓	25.0	27.2	108.9
cal 4 mdq	4	✓	50.0	53.0	106.0
cal 5 mdq	5	✓	100.0	107.1	107.1
cal 6 mdq	6	✓	250.0	252.6	101.1
cal 7 mdq	7	✓	500.0	465.1	93.0
cal 8 mdq	8	✓	1000.0	842.2	84.2

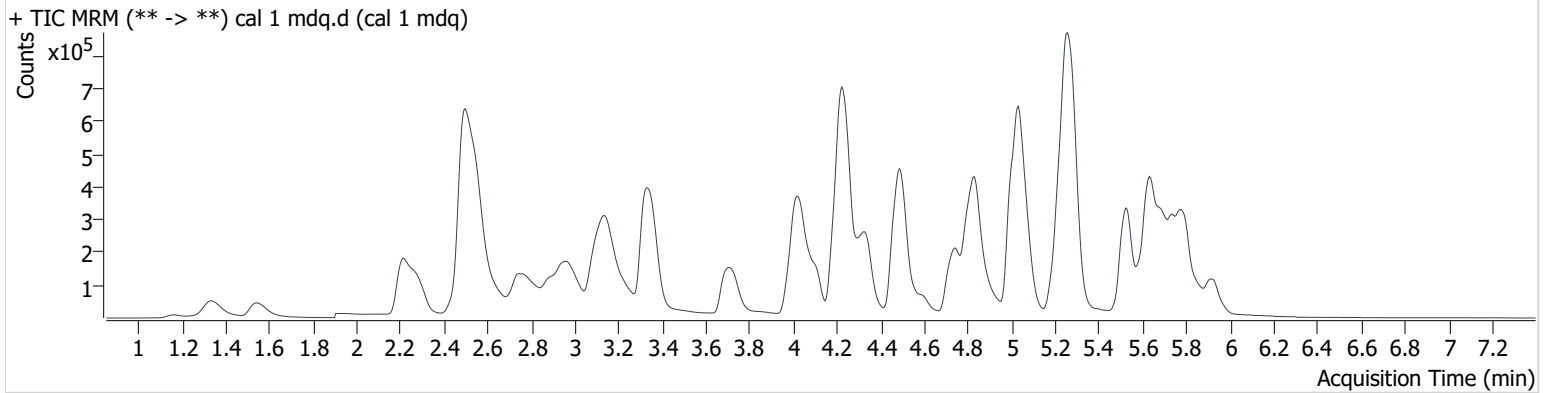
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 1 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 1 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-A1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 3:14:53 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.094	1751	2096.3	118.6	∞	84088	0.499 ng/ml
7-aminoclonazepam	4.253	35900	13813.4	71.0	∞	253843	5.027 ng/ml
a-hydroxyalprazolam	5.682	4729	∞	54.3	∞	116935	4.958 ng/ml
alpha-PHP	4.907	72642	400980.8	39.8	29730.5	862603	5.019 ng/ml
alpha-PVP	4.338	101892	6604.5	53.8	1845.8	862603	5.035 ng/ml
Alprazolam	5.756	51219	∞	88.3	471163317 80766.2	332671	5.196 ng/ml
Amphetamine	2.985	73757	5687.9	221.8	1188.7	491633	4.807 ng/ml
Benzoylcegonine	3.871	2064	39.6	58.9	95.2	14820	4.923 ng/ml
Buprenorphine	5.691	3959	1165.9	11.3 <b>Low</b>	6.3 <b>Low</b>	111714	0.623 ng/ml
Bupropion	4.757	87496	13232.6	68.3	799.9	789258	5.052 ng/ml
Carisoprodol	5.711	30742	6622.9	61.4	238.4	271518	5.016 ng/ml
Citalopram	5.212	65865	1414.8	38.6	17049.8	579609	5.003 ng/ml
Clonazepam	5.604	33611	468786.3	35.2	∞	116935	5.060 ng/ml
Clonazolam	5.546	28389	30489.4	41.0	17634.0	729479	5.118 ng/ml
Cocaine	4.242	72783	201039.3	51.0	1217344.4	1245867	5.027 ng/ml
Codeine	2.521	11586	17989.0	86.5	∞	103205	5.008 ng/ml
Cyclobenzaprine	5.611	65545	27786.0	7.9	1895.7	397546	5.115 ng/ml
Dextromethorphan	5.250	36996	5301.9	79.8	∞	360531	5.011 ng/ml
Dextrorphan	4.104	46498	2245.1	45.1	∞	477613	5.371 ng/ml
Diazepam	5.929	31596	∞	87.7	5477.9	314786	4.966 ng/ml
Dihydrocodeine	2.480	24320	59.1	64.4	448.8	301530	4.753 ng/ml
Diphenhydramine	5.277	194554	2119.3	31.8	1647.6	2173968	5.053 ng/ml
Doxylamine	4.506	201960	3719.2	82.6	12469.6	1647321	4.998 ng/ml
EDDP	5.245	106648	∞	43.2	∞	1120562	5.056 ng/ml
Etizolam	5.791	24559	∞	24.5	50179.5	314786	4.990 ng/ml
Fentanyl	5.076	6851	1041.2	109.9	∞	718530	0.517 ng/ml
Flualprazolam	5.692	20875	15240.0	93.1	4643.6	332671	5.163 ng/ml
Fluoxetine	5.693	50268	808.4	7.0	2849.1	360229	4.981 ng/ml
Hydrocodone	2.972	36807	2767.4	35.8	639.3	423841	4.909 ng/ml
Hydromorphone	1.547	27284	5213.0	84.0	2385.6	193005	4.931 ng/ml
Ketamine	4.022	70852	15821.4	35.9	393.8	681273	4.973 ng/ml
Lamotrigine	4.269	6406	1925.6	94.6	3098.2	612119	4.882 ng/ml

# AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.579	62965	1010.1	219.9	1653.6	1032497	4.927 ng/ml
Lorazepam	5.729	16075	∞	45.8	∞	248442	4.945 ng/ml
MDA	3.148	102375	∞	28.1	146.9	612119	4.899 ng/ml
MDMA	3.245	63438	22400.6	101.0	1109.4	142737	4.982 ng/ml
Meprobamate	4.903	26269	13895.6	31.4	158.4	271518	5.145 ng/ml
Methadone	5.636	111967	∞	55.5	1597.8	1032497	5.083 ng/ml
Methamphetamine	3.160	168805	339.0	39.9	1552.8	915892	5.061 ng/ml
Metoprolol	4.305	15970	∞	103.6	∞	142737	4.782 ng/ml
Mirtazapine	4.595	123218	13781.5	49.2	408179.7	1032497	5.032 ng/ml
Mitragynine	5.205	26988	15181.2	34.3	8623.6	3372091	4.779 ng/ml
Morphine	1.171	3977	∞	18.6	190.3	9192	4.987 ng/ml
Norbuprenorphine	4.971	506	19.4	130.6 <b>High</b>	527.3	21437	0.424 ng/ml
Nordiazepam	5.878	28093	12242.9	62.8	∞	199239	4.918 ng/ml
Norfentanyl	4.053	4761	173.2	39.4	∞	1061781	0.513 ng/ml
Norhydrocodone	3.024	1558	175.3	23.1	65.5	85986	5.104 ng/ml
Noroxycodone	2.869	32609	∞	45.5	∞	229935	4.965 ng/ml
O-desmethyl-tramadol	3.337	163228	12913.3	6.4	1947.4	1740189	5.047 ng/ml
Oxazepam	5.736	32999	290.5	87.8	3592.2	248442	5.044 ng/ml
Oxycodone	2.776	78323	∞	29.3	∞	705608	5.003 ng/ml
Oxymorphone	1.339	42672	∞	43.9	∞	285970	4.973 ng/ml
Phentermine	3.745	28474	1234.2	9.5 <b>High</b>	300.0	721376	4.342 ng/ml
Promethazine	5.527	79038	1718450.2	45.3	3579.3	860749	5.028 ng/ml
Pseudoephedrine	2.504	348003	9253.4	23.8	2595.1	3372091	5.059 ng/ml
Quetiapine	5.514	69935	44370.1	63.3	357996.2	209194	4.990 ng/ml
Sertraline	5.751	20394	93908.0	98.4	3791.8	176572	5.067 ng/ml
Temazepam	5.799	73865	4826.4	31.7	1698.9	729479	5.861 ng/ml
Tramadol	4.228	165433	28639.6	3.6	188.3	1563153	4.871 ng/ml
Trazodone	5.076	85947	25938.4	79.4	68995.0	709923	5.140 ng/ml
Venlafaxine	5.026	116010	75555.6	37.6	494.6	1607577	5.149 ng/ml
Zolpidem	4.848	175102	∞	29.4	29765.6	1619569	5.022 ng/ml

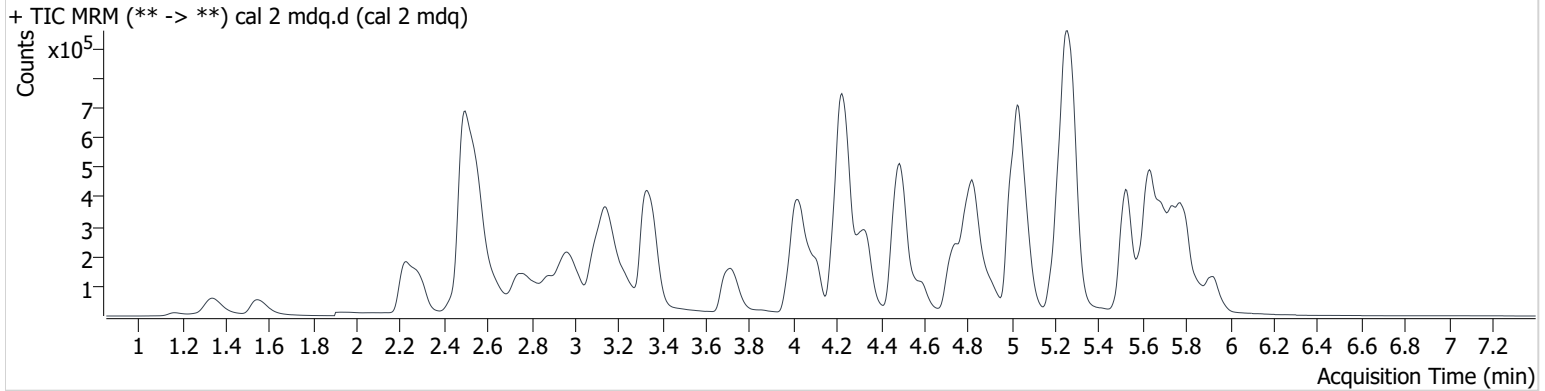
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 2 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 2 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-B1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 3:23:55 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.099	3282	59018.2	122.9	∞	83059	1.010 ng/ml
7-aminoclonazepam	4.258	69133	7334.0	73.0	37409.9	256066	9.851 ng/ml
a-hydroxyalprazolam	5.682	8840	∞	51.5	19834.7	117182	9.762 ng/ml
alpha-PHP	4.907	139820	116020.3	40.1	3809.8	823193	10.021 ng/ml
alpha-PVP	4.338	196055	20361.0	53.2	8284.7	823193	9.989 ng/ml
Alprazolam	5.756	94707	6199.1	91.5	3769.3	326515	9.790 ng/ml
Amphetamine	2.980	144708	3378.6	223.9	6137.7	497218	10.339 ng/ml
Benzoylecgonine	3.876	4219	6006.4	59.1	222.0	14664	10.475 ng/ml
Buprenorphine	5.686	6931	18056.6	16.4	738.1	107341	1.101 ng/ml
Bupropion	4.757	171885	17537.3	70.6	4578.0	782919	9.851 ng/ml
Carisoprodol	5.711	58205	148115.7	62.7	∞	260545	10.078 ng/ml
Citalopram	5.206	131848	2683.2	38.7	93033.2	585174	9.952 ng/ml
Clonazepam	5.604	62348	∞	34.7	29967.7	117182	9.693 ng/ml
Clonazepam	5.551	58608	53613.8	36.6	23966.6	696339	10.080 ng/ml
Cocaine	4.242	136453	11558.4	49.5	19485.0	1192280	9.968 ng/ml
Codeine	2.516	20408	27911.3	95.7	∞	99145	9.641 ng/ml
Cyclobenzaprine	5.606	127970	3640.0	8.8	∞	428257	9.450 ng/ml
Dextromethorphan	5.245	81374	48752.3	77.4	6370.8	389565	10.118 ng/ml
Dextroprhan	4.104	105169	∞	44.0	∞	538125	10.240 ng/ml
Diazepam	5.929	62422	2370.5	83.9	∞	304053	10.183 ng/ml
Dihydrocodeine	2.480	48881	344.8	60.6	612.4	295141	10.464 ng/ml
Diphenhydramine	5.277	384676	9222.1	32.4	2525.3	2157910	9.939 ng/ml
Doxylamine	4.506	409736	5279.5	80.3	9093.0	1612353	10.044 ng/ml
EDDP	5.245	209991	70616.6	42.0	33701.4	1119369	9.936 ng/ml
Etizolam	5.797	44299	∞	25.9	∞	304053	9.872 ng/ml
Fentanyl	5.071	12977	1220.2	112.3	12954.4	719993	0.976 ng/ml
Flualprazolam	5.692	37611	4568.4	99.1	160966082	326515	9.314 ng/ml
					82241.6		
Fluoxetine	5.693	109997	4743.5	7.1	22225.2	402186	10.042 ng/ml
Hydrocodone	2.977	76818	∞	34.7	2261.9	426905	10.332 ng/ml
Hydromorphone	1.552	59041	∞	70.2	1009.6	191140	10.425 ng/ml
Ketamine	4.017	133676	15873.1	37.4	1810.5	654542	10.108 ng/ml
Lamotrigine	4.264	12567	5481.1	87.5	564063.1	601812	10.267 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.579	120539	2329.1	221.2	8437.3	1007583	10.132 ng/ml
Lorazepam	5.735	29399	∞	45.5	1499.5	234360	10.220 ng/ml
MDA	3.148	199374	4846.4	25.5	392.8	601812	10.140 ng/ml
MDMA	3.245	124544	61154.4	97.5	4269.9	137821	10.020 ng/ml
Meprobamate	4.908	52259	∞	30.1	652.5	260545	9.733 ng/ml
Methadone	5.641	220559	∞	56.6	4157.3	1007583	9.954 ng/ml
Methamphetamine	3.160	269325	2297.7	40.0	∞	988959	9.462 ng/ml
Metoprolol	4.305	32216	123351.0	98.2	∞	137821	10.664 ng/ml
Mirtazapine	4.590	248445	∞	49.6	∞	1007583	10.022 ng/ml
Mitragynine	5.200	50605	3526.3	33.4	90946.1	3250378	10.397 ng/ml
Morphine	1.171	7602	∞	18.5	406.0	9278	9.720 ng/ml
Norbuprenorphine	4.961	1136	1331.0	87.1	947.5	20914	1.111 ng/ml
Nordiazepam	5.873	54562	∞	60.2	37140.8	190869	10.249 ng/ml
Norfentanyl	4.059	9164	483.5	36.9	∞	1114689	0.959 ng/ml
Norhydrocodone	3.029	3172	196.1	22.6	141.4	87635	10.110 ng/ml
Noroxycodone	2.859	63749	∞	43.4	∞	224889	10.180 ng/ml
O-desmethyl-tramadol	3.337	310882	53541.7	6.4	1554.3	1685149	9.901 ng/ml
Oxazepam	5.741	60846	2897.7	72.2	1026.5	234360	9.955 ng/ml
Oxycodone	2.776	151816	∞	29.3	∞	686982	10.000 ng/ml
Oxymorphone	1.344	80451	∞	44.7	∞	274517	10.008 ng/ml
Phentermine	3.745	58447	1142.9	8.2	113.6	722329	9.901 ng/ml
Promethazine	5.527	182944	155754.5	40.1	59221.7	934683	10.051 ng/ml
Pseudoephedrine	2.504	660145	5370.6	24.2	∞	3250378	9.867 ng/ml
Quetiapine	5.519	137426	175765.3	64.0	107843.6	214595	10.072 ng/ml
Sertraline	5.751	43398	1016.9	100.0	44481.7	194967	9.713 ng/ml
Temazepam	5.799	137572	2521.7	28.7	1687.7	696339	10.209 ng/ml
Tramadol	4.223	313632	58173.2	3.6	246.0	1520245	10.267 ng/ml
Trazodone	5.066	171673	76217.1	80.5	∞	714782	9.891 ng/ml
Venlafaxine	5.026	225827	4518.3	37.8	1868.4	1590026	9.716 ng/ml
Zolpidem	4.837	338046	∞	28.9	110420.2	1555233	9.989 ng/ml

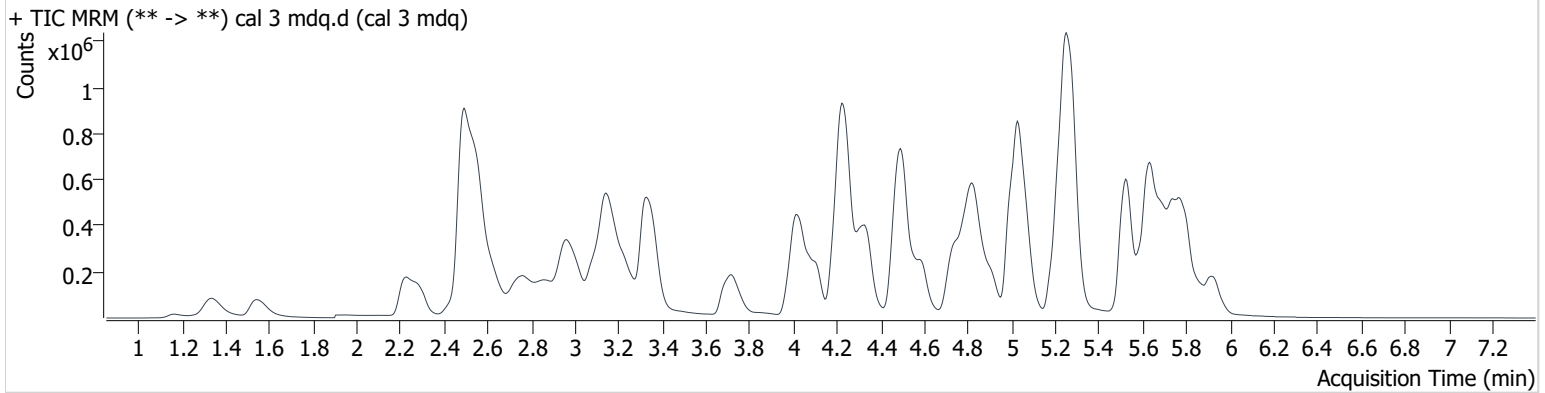
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 3 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 3 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-C1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 3:32:57 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.099	7481	∞	124.8	2728.5	80338	2.477 ng/ml
7-aminoclonazepam	4.253	165999	21536.0	75.3	5145.4	248057	24.831 ng/ml
a-hydroxyalprazolam	5.682	22564	∞	54.4	47963.8	109673	27.649 ng/ml
alpha-PHP	4.902	342592	233301.6	41.2	1691.3	811203	24.767 ng/ml
alpha-PVP	4.338	480517	22217.7	53.6	14189.6	811203	24.606 ng/ml
Alprazolam	5.756	223795	1096.0	93.1	1739.3	305704	24.710 ng/ml
Amphetamine	2.965	361992	4538.8	240.6	10126.3	510597	26.734 ng/ml
Benzoylecgonine	3.866	9296	24327.7	60.2	533.4	14100	24.374 ng/ml
Buprenorphine	5.686	16125	∞	14.6	4318.4	109371	2.459 ng/ml
Bupropion	4.757	434973	13936.9	70.3	6074.2	775944	24.909 ng/ml
Carisoprodol	5.711	133524	350132.4	62.8	∞	248332	24.520 ng/ml
Citalopram	5.206	321634	3194.6	39.0	53773.1	562349	25.311 ng/ml
Clonazepam	5.604	150133	∞	34.9	39838.7	109673	25.544 ng/ml
Clonazepam	5.551	131086	154478.5	41.2	283297.3	673519	22.195 ng/ml
Cocaine	4.242	333152	2253174.6	51.6	180785.8	1179284	24.791 ng/ml
Codeine	2.506	51488	364998.9	91.4	2514.5	94879	26.322 ng/ml
Cyclobenzaprine	5.606	324233	12416.9	8.3	∞	409013	25.436 ng/ml
Dextromethorphan	5.250	197575	6969.8	76.9	244902.7	381093	24.995 ng/ml
Dextrophan	4.104	251607	∞	45.1	1496660.4	520333	24.542 ng/ml
Diazepam	5.929	151151	3501.1	87.0	4904.2	302457	24.826 ng/ml
Dihydrocodeine	2.480	120924	2585.5	62.3	171.8	291271	27.235 ng/ml
Diphenhydramine	5.277	941547	44744.1	32.4	61269.8	2118521	24.589 ng/ml
Doxylamine	4.501	1022303	27545.8	79.4	27673.2	1600282	24.803 ng/ml
EDDP	5.245	510453	∞	43.5	104321.1	1103438	24.456 ng/ml
Etizolam	5.797	110866	∞	24.0	∞	302457	25.806 ng/ml
Fentanyl	5.071	30288	44703.4	117.0	70962.4	726003	2.255 ng/ml
Flualprazolam	5.692	97580	1864.4	90.3	3341.0	305704	25.464 ng/ml
Fluoxetine	5.693	258850	12911.8	7.3	13687.8	382309	25.289 ng/ml
Hydrocodone	2.967	175133	∞	36.2	996.8	417735	24.270 ng/ml
Hydromorphone	1.547	140197	∞	76.8	17463.2	187765	24.782 ng/ml
Ketamine	4.017	326872	59092.0	37.3	3081.2	660418	25.004 ng/ml
Lamotrigine	4.264	29697	8869.6	90.0	47693.3	590591	25.464 ng/ml
Levetiracetam	2.569	294432	9772.2	224.3	∞	1012125	25.331 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.735	66060	∞	50.7	∞	221739	25.199 ng/ml
MDA	3.143	488164	15833.3	26.8	1052.1	590591	25.962 ng/ml
MDMA	3.240	314750	∞	96.1	2974.1	135937	25.507 ng/ml
Meprobamate	4.908	127243	82763.3	29.2	620.5	248332	23.510 ng/ml
Methadone	5.641	540686	310463.7	57.3	3536.4	1012125	23.860 ng/ml
Methamphetamine	3.160	631554	11862.0	41.0	3816.8	1054096	25.803 ng/ml
Metoprolol	4.305	74806	140060.0	101.3	∞	135937	25.943 ng/ml
Mirtazapine	4.584	618673	428635.6	49.2	19730.2	1012125	24.325 ng/ml
Mitragynine	5.200	128385	3898.6	34.0	33435.3	3270152	27.988 ng/ml
Morphine	1.166	17875	∞	20.7	∞	8121	26.631 ng/ml
Norbuprenorphine	4.977	2639	3976.5	94.0	1249.1	22537	2.516 ng/ml
Nordiazepam	5.878	129216	∞	63.4	116013.4	185850	25.317 ng/ml
Norfentanyl	4.059	23204	3406.6	37.0	59897.7	1103726	2.487 ng/ml
Norhydrocodone	3.019	6699	89.3	24.6	38.6	80645	23.090 ng/ml
Noroxycodone	2.849	152765	∞	45.9	∞	223405	24.919 ng/ml
O-desmethyl-tramadol	3.332	771107	82296.3	6.5	8626.1	1661272	24.869 ng/ml
Oxazepam	5.741	139343	1142.8	69.3	986.5	221739	24.236 ng/ml
Oxycodone	2.766	375891	∞	29.3	∞	681141	25.031 ng/ml
Oxymorphone	1.339	202276	∞	41.6	∞	275539	25.446 ng/ml
Phentermine	3.740	143437	1093.5	8.3	401.8	746762	24.814 ng/ml
Promethazine	5.527	452178	1857321.7	39.7	4822.5	905133	24.741 ng/ml
Pseudoephedrine	2.499	1668790	7231.9	24.0	13772.6	3270152	24.652 ng/ml
Quetiapine	5.514	324572	1871204.8	64.2	∞	214075	24.613 ng/ml
Sertraline	5.751	104229	2713651.7	95.4	83092.5	181662	24.946 ng/ml
Temazepam	5.804	339009	4010.6	28.9	1572.9	673519	24.014 ng/ml
Tramadol	4.223	765259	24258.6	3.8	3660.3	1537771	25.916 ng/ml
Trazodone	5.066	413150	23855.6	82.2	11660.2	722471	23.121 ng/ml
Venlafaxine	5.021	548961	43492.1	37.9	3472.5	1546538	23.638 ng/ml
Zolpidem	4.832	840681	78706.8	28.8	491389.0	1546799	24.816 ng/ml

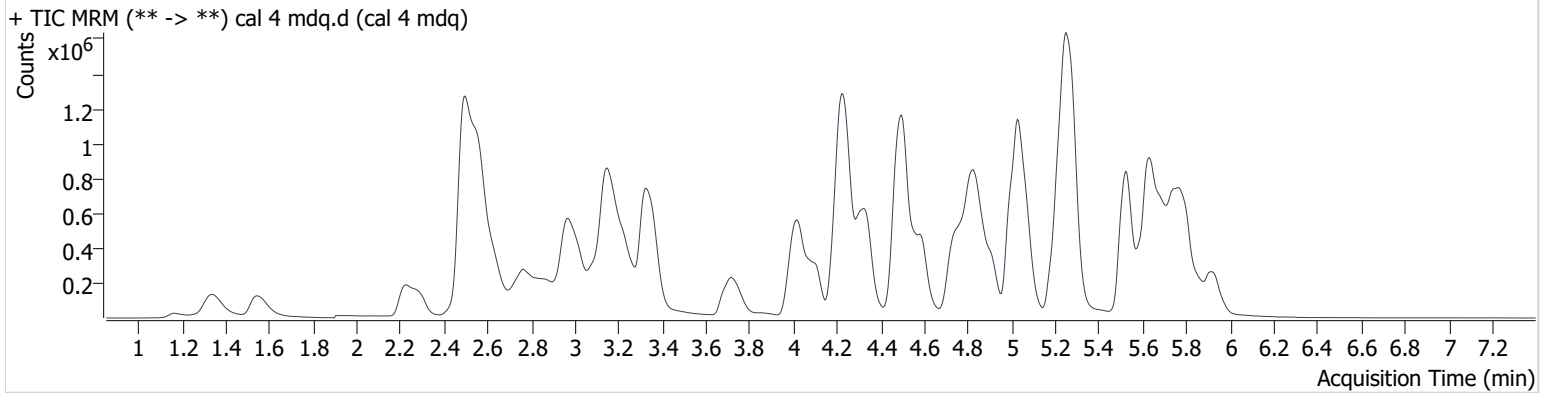
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 4 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 4 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-D1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 3:41:59 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.104	15173	∞	129.1	25436.1	81242	5.039 ng/ml
7-aminoclonazepam	4.253	326835	20852.6	76.5	25908.9	240273	50.764 ng/ml
a-hydroxyalprazolam	5.677	40302	∞	54.2	∞	106137	51.533 ng/ml
alpha-PHP	4.907	718825	∞	40.0	1965772.0	864791	48.649 ng/ml
alpha-PVP	4.332	1019830	37466.9	53.0	15722.0	864791	48.828 ng/ml
Alprazolam	5.756	446239	∞	90.9	3853.4	302527	49.790 ng/ml
Amphetamine	2.970	743968	9783.0	233.3	14350.6	529502	54.040 ng/ml
Benzoylcegonine	3.866	19935	29203.7	60.1	4202.8	14857	49.902 ng/ml
Buprenorphine	5.686	31301	40130.2	14.1	4123.9	105474	4.906 ng/ml
Bupropion	4.757	894869	64986.6	69.5	28866.2	808085	49.054 ng/ml
Carisoprodol	5.711	245901	1415875.1	62.9	12689.4	230945	48.738 ng/ml
Citalopram	5.212	600970	∞	39.0	6903.5	541370	49.157 ng/ml
Clonazepam	5.599	283439	327776.7	35.8	130078.3	106137	50.197 ng/ml
Clonazepam	5.546	261279	12041.6	40.8	134123.3	640318	45.599 ng/ml
Cocaine	4.242	697057	1003560.5	51.2	73547.8	1249248	49.089 ng/ml
Codeine	2.516	101102	120257.2	93.0	59143.5	94826	52.247 ng/ml
Cyclobenzaprine	5.606	561146	7611.0	8.4	4816.2	361338	50.042 ng/ml
Dextromethorphan	5.250	328021	5608.9	76.1	8574.2	311649	50.661 ng/ml
Dextrophan	4.104	473957	75155.9	44.0	374766.5	488150	48.735 ng/ml
Diazepam	5.929	306790	8625.8	87.7	∞	307107	49.651 ng/ml
Dihydrocodeine	2.475	236934	899.3	61.6	865.2	296831	52.979 ng/ml
Diphenhydramine	5.277	1794255	113143.7	32.4	14041.9	2047183	48.367 ng/ml
Doxylamine	4.501	2151267	87801.2	78.8	76728.5	1661921	49.956 ng/ml
EDDP	5.245	1024686	41233.3	43.5	842098.8	1119458	48.360 ng/ml
Etizolam	5.797	220570	∞	25.5	30306.4	307107	51.178 ng/ml
Fentanyl	5.071	56896	3649.6	111.9	128743.1	628126	4.893 ng/ml
Flualprazolam	5.687	186281	6051.7	94.1	5039.6	302527	48.939 ng/ml
Fluoxetine	5.693	449585	4860.1	7.2	14520.7	336979	50.114 ng/ml
Hydrocodone	2.972	360555	∞	35.9	∞	392922	53.298 ng/ml
Hydromorphone	1.547	278745	244795375447 832.0	73.8	5108.1	195346	47.091 ng/ml
Ketamine	4.017	688294	231606.0	38.4	4453.7	702010	49.879 ng/ml
Lamotrigine	4.264	60271	218287.3	88.5	565778.2	577035	53.461 ng/ml



# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.579	592251	∞	221.9	95668.0	987434	52.742 ng/ml
Lorazepam	5.729	104225	∞	45.1	1188.9	179001	49.894 ng/ml
MDA	3.148	949713	9265.4	26.6	328.1	577035	52.136 ng/ml
MDMA	3.240	642429	42091.4	94.4	15208.7	142295	49.635 ng/ml
Meprobamate	4.908	246457	425943.7	29.5	5649.9	230945	48.022 ng/ml
Methadone	5.641	1067068	28604683.0	54.6	7517.9	987434	47.958 ng/ml
Methamphetamine	3.154	1275109	∞	40.7	17324.1	1120633	52.739 ng/ml
Metoprolol	4.305	156990	∞	95.3	14504.8	142295	52.633 ng/ml
Mirtazapine	4.584	1241034	287094976458 273.0	48.9	92350.8	987434	49.642 ng/ml
Mitragynine	5.200	229186	168503.9	33.3	171855.0	3381750	49.159 ng/ml
Morphine	1.166	36986	∞	21.8	∞	8604	52.305 ng/ml
Norbuprenorphine	4.992	4648	9527.9	88.1	7787.0	20857	4.882 ng/ml
Nordiazepam	5.878	253490	∞	63.6	∞	182895	50.738 ng/ml
Norfentanyl	4.059	44328	2663.2	38.6	17454.4	1089280	4.836 ng/ml
Norhydrocodone	3.019	13036	1071.6	23.4	143.4	77637	46.588 ng/ml
Noroxycodone	2.854	301540	∞	46.5	∞	222606	49.616 ng/ml
O-desmethyl-tramadol	3.332	1626518	130975.7	6.5	7886.2	1787630	48.723 ng/ml
Oxazepam	5.741	231570	7518.9	71.0	∞	179001	50.000 ng/ml
Oxycodone	2.766	787183	∞	29.8	∞	722883	49.431 ng/ml
Oxymorphone	1.339	425461	∞	44.6	∞	293713	50.453 ng/ml
Phentermine	3.745	311340	∞	8.0	1177.3	787871	52.057 ng/ml
Promethazine	5.527	759048	12852541.1	40.7	16165.9	784242	47.381 ng/ml
Pseudoephedrine	2.499	3443955	75514.1	24.2	31283.6	3381750	49.105 ng/ml
Quetiapine	5.514	651757	567711.2	64.2	∞	215096	49.750 ng/ml
Sertraline	5.751	208780	168544.5	97.5	58033.9	178066	50.919 ng/ml
Temazepam	5.799	644874	101014.9	28.1	1429.5	640318	46.757 ng/ml
Tramadol	4.223	1594815	1918132.6	3.6	3107.5	1623686	51.943 ng/ml
Trazodone	5.066	841078	21533.0	80.9	15134.1	721319	46.820 ng/ml
Venlafaxine	5.021	1187944	315595.0	37.3	3282.1	1615237	48.516 ng/ml
Zolpidem	4.837	1740068	131051.1	29.1	878548.2	1630466	48.627 ng/ml

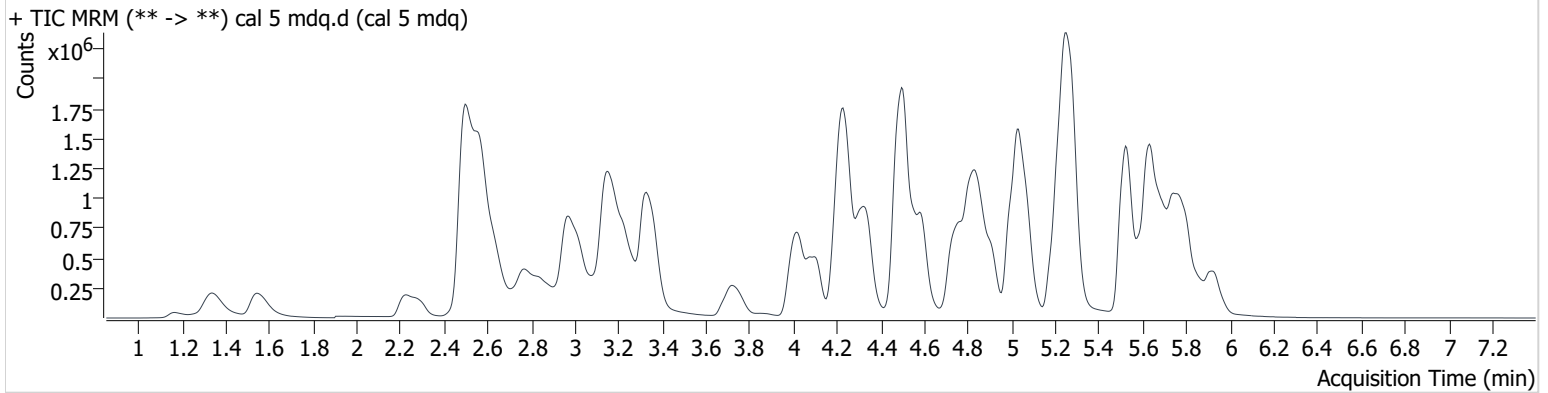
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 5 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 5 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-E1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 3:51:01 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.094	28399	∞	136.7	∞	79077	9.757 ng/ml
7-aminoclonazepam	4.253	563907	9224.5	76.2	28175.1	205593	102.645 ng/ml
a-hydroxyalprazolam	5.672	60025	1675.2	60.3	1011.8	85359	95.939 ng/ml
alpha-PHP	4.902	1323249	164412.7	39.5	145741.5	787243	98.274 ng/ml
alpha-PVP	4.332	1845577	30471.0	53.1	40681.3	787243	96.910 ng/ml
Alprazolam	5.756	776507	1611.2	91.3	13409.3	259466	101.020 ng/ml
Amphetamine	2.975	1218210	23388.2	231.0	49986.8	456040	103.714 ng/ml
Benzoylecgonine	3.876	38818	8880.6	54.5	∞	15444	93.728 ng/ml
Buprenorphine	5.686	55238	58971.1	16.8	10662.4	96653	9.408 ng/ml
Bupropion	4.757	1654384	87446.0	69.2	55258.1	744768	98.240 ng/ml
Carisoprodol	5.711	408843	348407.5	61.9	5589.1	191219	98.058 ng/ml
Citalopram	5.201	1129923	857768.0	39.3	493193.7	493325	101.460 ng/ml
Clonazepam	5.599	456230	10377.0	35.9	104114.3	85359	100.851 ng/ml
Clonazepam	5.551	468544	15503.9	40.5	∞	514695	100.683 ng/ml
Cocaine	4.242	1266765	2328589.7	50.9	21435.6	1129373	98.806 ng/ml
Codeine	2.516	180742	7889.1	94.3	∞	86380	103.067 ng/ml
Cyclobenzaprine	5.601	1160768	31856.8	8.1	59727.5	367934	101.888 ng/ml
Dextromethorphan	5.245	702790	773280.4	77.3	140838.6	347738	97.204 ng/ml
Dextrophan	4.104	1027538	75179.6	45.0	34720.0	532556	96.316 ng/ml
Diazepam	5.929	566630	22818.1	86.8	49486.4	284249	99.104 ng/ml
Dihydrocodeine	2.475	457983	2564.7	60.2	688.4	285611	107.103 ng/ml
Diphenhydramine	5.277	3433398	∞	32.1	20783.6	1941711	97.452 ng/ml
Doxylamine	4.501	4136021	148222.1	78.7	161829.2	1602639	99.306 ng/ml
EDDP	5.239	1867278	12328317.0	43.6	∞	1008407	97.800 ng/ml
Etizolam	5.791	396146	97132.6	25.1	196490.4	284249	99.908 ng/ml
Fentanyl	5.071	116031	6293.6	115.3	183317.5	645390	9.709 ng/ml
Flualprazolam	5.687	321891	∞	92.2	4940.6	259466	98.402 ng/ml
Fluoxetine	5.693	817070	14797.4	6.8	156870.7	314573	97.838 ng/ml
Hydrocodone	2.967	661784	∞	36.5	∞	372854	103.229 ng/ml
Hydromorphone	1.547	583001	120169584907	73.6	131127546	193295	99.207 ng/ml
			892.0		456123.0		
Ketamine	4.017	1270842	192374.9	38.1	21865.1	647362	100.226 ng/ml
Lamotrigine	4.264	100632	34010.2	90.4	298038.3	511010	101.260 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.584	1113668	24063.4	222.5	32917.1	966110	101.811 ng/ml
Lorazepam	5.735	139773	∞	42.3	∞	124950	96.476 ng/ml
MDA	3.143	1653061	44721.4	27.0	793.7	511010	102.900 ng/ml
MDMA	3.240	1174072	92470.7	96.4	21246.1	131137	98.326 ng/ml
Meprobamate	4.903	421277	∞	29.1	10578.1	191219	98.213 ng/ml
Methadone	5.636	2083821	46615.8	54.7	26926.6	966110	95.422 ng/ml
Methamphetamine	3.160	1997502	∞	40.2	52892.1	911125	105.466 ng/ml
Metoprolol	4.305	272741	359374.9	97.7	9949.5	131137	99.768 ng/ml
Mirtazapine	4.584	2349431	616647.0	48.9	77390.3	966110	95.724 ng/ml
Mitragynine	5.200	450435	11516.1	34.9	3645.0	3082040	107.357 ng/ml
Morphine	1.166	66434	∞	23.4	∞	8282	97.875 ng/ml
Norbuprenorphine	4.977	9049	9006.0	91.7	37341.3	19676	10.184 ng/ml
Nordiazepam	5.873	446682	∞	62.2	4488094.4	163826	100.077 ng/ml
Norfentanyl	4.059	85239	16859.2	37.3	17227.2	1046647	9.700 ng/ml
Norhydrocodone	3.019	24421	558.4	24.5	94.9	70402	96.154 ng/ml
Noroxycodone	2.854	540751	∞	46.4	∞	200412	99.084 ng/ml
O-desmethyl-tramadol	3.332	3072213	391656.6	6.4	22946.9	1681078	97.836 ng/ml
Oxazepam	5.741	318335	4564.4	70.5	10822.2	124950	98.563 ng/ml
Oxycodone	2.771	1480625	∞	29.7	∞	670675	100.254 ng/ml
Oxymorphone	1.339	799425	∞	44.7	∞	276603	100.912 ng/ml
Phentermine	3.745	535253	∞	7.6	1599.4	681455	104.412 ng/ml
Promethazine	5.527	1699137	529197.7	38.9	361527.1	844601	97.849 ng/ml
Pseudoephedrine	2.504	6264743	31070.8	24.0	∞	3082040	97.918 ng/ml
Quetiapine	5.514	1241726	4973257.2	62.7	∞	200591	102.223 ng/ml
Sertraline	5.751	338204	∞	98.6	34246.8	149249	98.357 ng/ml
Temazepam	5.804	1067277	39489.4	28.4	4256.4	514695	94.906 ng/ml
Tramadol	4.223	2911874	250507.0	3.6	2534.3	1501116	103.376 ng/ml
Trazodone	5.060	1606289	395481.0	79.7	146222.6	672456	95.589 ng/ml
Venlafaxine	5.021	2180186	55443.2	37.3	16608.3	1504953	95.146 ng/ml
Zolpidem	4.832	3254203	165492.6	29.2	511886.1	1488128	99.528 ng/ml

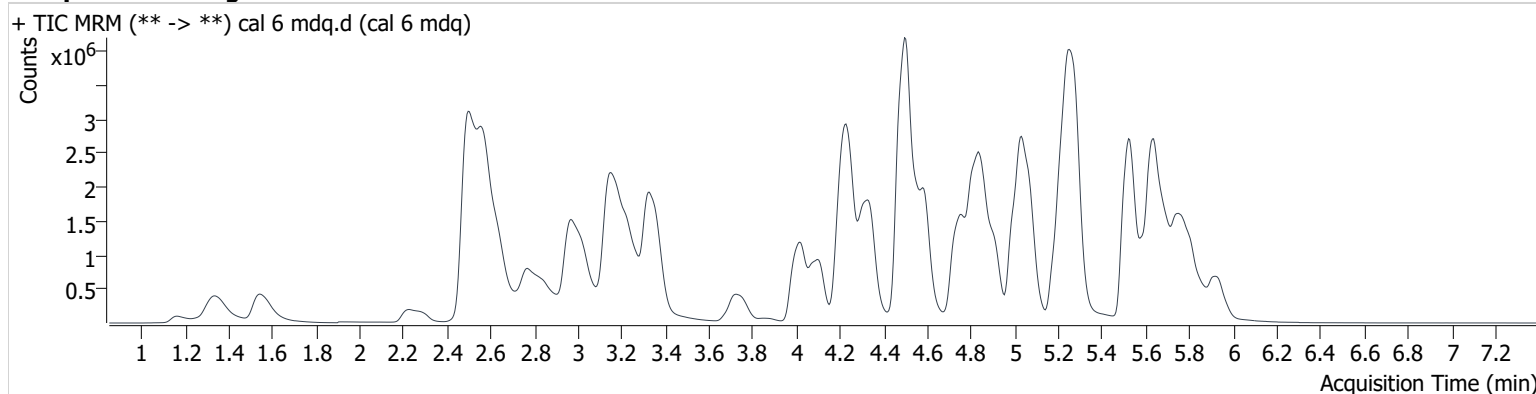
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 6 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 6 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-F1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 4:00:03 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.094	64029	4556.9	134.7	∞	69952	24.977 ng/ml
7-aminoclonazepam	4.258	961440	21183.2	78.3	27669.4	139682	258.008 ng/ml
a-hydroxyalprazolam	5.666	91409	1721.7	56.0	583.9	53856	232.400 ng/ml
alpha-PHP	4.902	3051066	48154.5	39.5	23100.8	695596	256.287 ng/ml
alpha-PVP	4.338	4252821	652473.6	53.1	61692.3	695596	252.476 ng/ml
Alprazolam	5.756	1418340	3314.3	95.5	4212.2	195083	245.419 ng/ml
Amphetamine	2.975	2390073	74065.5	227.8	7319673.4	388352	240.354 ng/ml
Benzoylcegonine	3.871	97552	227532.9	54.9	1310.4	15044	242.256 ng/ml
Buprenorphine	5.686	118985	29873.8	14.8	12738.8	77238	25.288 ng/ml
Bupropion	4.751	3900948	124834.0	67.7	30330.8	673088	256.062 ng/ml
Carisoprodol	5.711	694843	1048399.3	61.2	8371.1	127838	249.566 ng/ml
Citalopram	5.191	2306546	126430.9	41.1	513968.2	401264	254.680 ng/ml
Clonazepam	5.599	723370	657933.1	35.2	∞	53856	254.018 ng/ml
Clonazepam	5.551	875920	309609.7	39.9	∞	331721	290.427 ng/ml
Cocaine	4.242	2769258	188289.3	50.3	309931.0	973355	250.815 ng/ml
Codeine	2.516	352156	20528.6	94.2	∞	67601	257.422 ng/ml
Cyclobenzaprine	5.601	2391936	112151.9	8.2	117915.0	309019	250.305 ng/ml
Dextromethorphan	5.245	1401420	44335.6	77.0	432404.6	269845	249.658 ng/ml
Dextrophan	4.104	2306500	103572.4	44.5	864373.5	471953	243.134 ng/ml
Diazepam	5.929	1226228	∞	86.8	6777.8	241122	252.868 ng/ml
Dihydrocodeine	2.475	968517	1101.7	58.9	2280.3	256985	252.626 ng/ml
Diphenhydramine	5.277	7317481	81397.2	32.2	242651.7	1623889	248.148 ng/ml
Doxylamine	4.501	9778148	224611.7	82.6	76855.4	1507851	249.087 ng/ml
EDDP	5.239	4223621	88663.2	42.3	∞	875167	254.843 ng/ml
Etizolam	5.797	832910	10997.3	25.2	128376.4	241122	248.575 ng/ml
Fentanyl	5.071	248766	87419.6	120.5	∞	538484	24.944 ng/ml
Flualprazolam	5.692	630862	∞	90.4	6339.7	195083	256.189 ng/ml
Fluoxetine	5.693	1506973	66255.5	7.3	121827.9	223961	253.919 ng/ml
Hydrocodone	2.962	1382832	∞	36.4	∞	330660	243.429 ng/ml
Hydromorphone	1.547	1379446	∞	72.8	130778560 882278.0	179751	251.966 ng/ml
Ketamine	4.017	2992774	437825.9	38.2	∞	607372	252.104 ng/ml
Lamotrigine	4.264	184191	13190.0	91.1	522114.9	378691	250.876 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.594	2339867	51602.1	222.4	163254.6	850252	243.729 ng/ml
Lorazepam	5.735	156283	∞	47.6	∞	53171	254.592 ng/ml
MDA	3.143	3052994	60363.8	26.9	1680.9	378691	257.109 ng/ml
MDMA	3.240	2597966	83393.5	95.6	117132.2	113314	251.628 ng/ml
Meprobamate	4.908	740890	200732.5	30.0	12300.1	127838	256.942 ng/ml
Methadone	5.636	4924781	1264022.3	52.5	58742.3	850252	255.736 ng/ml
Methamphetamine	3.154	4315206	∞	39.9	38503.2	813406	261.109 ng/ml
Metoprolol	4.305	523355	1212599.2	99.4	∞	113314	222.308 ng/ml
Mirtazapine	4.584	5464721	215947.8	48.1	253007.8	850252	252.413 ng/ml
Mitragynine	5.195	897933	294502.2	35.5	329585.4	2710387	244.834 ng/ml
Morphine	1.166	167334	∞	21.3	1108.7	7781	262.902 ng/ml
Norbuprenorphine	4.977	20027	∞	92.8	∞	17741	25.149 ng/ml
Nordiazepam	5.873	831106	∞	61.1	∞	121368	251.756 ng/ml
Norfentanyl	4.053	182221	4195.6	38.7	843163.7	880619	24.680 ng/ml
Norhydrocodone	3.019	54873	∞	30.2	634.9	52314	290.584 ng/ml
Noroxycodone	2.859	1075239	∞	46.0	∞	162939	242.703 ng/ml
O-desmethyl-tramadol	3.332	7264100	328912.6	6.4	46613.9	1569857	247.676 ng/ml
Oxazepam	5.741	345389	14743.8	71.3	835199805 9656.4	53171	251.458 ng/ml
Oxycodone	2.766	3484117	∞	28.8	∞	625610	252.967 ng/ml
Oxymorphone	1.334	1856515	∞	44.1	∞	256542	253.051 ng/ml
Phentermine	3.745	1176924	17924.5	7.1	5458.0	607767	258.816 ng/ml
Promethazine	5.527	3690048	294805.8	38.9	30847.3	725916	246.344 ng/ml
Pseudoephedrine	2.504	14061240	150752.5	23.7	39387.2	2710387	249.771 ng/ml
Quetiapine	5.514	2773162	∞	62.0	16209299.2	174613	263.139 ng/ml
Sertraline	5.751	637602	∞	99.8	185268.1	108892	254.061 ng/ml
Temazepam	5.809	1753201	49023.1	29.2	5622.9	331721	239.897 ng/ml
Tramadol	4.217	6450836	1501849.2	3.6	4682.8	1362407	253.503 ng/ml
Trazodone	5.066	3585408	61565.5	79.5	232199.1	580742	246.566 ng/ml
Venlafaxine	5.021	5108046	161126.9	37.2	98205.6	1347420	248.289 ng/ml
Zolpidem	4.832	7786944	404782.7	28.4	268453.4	1378425	256.946 ng/ml

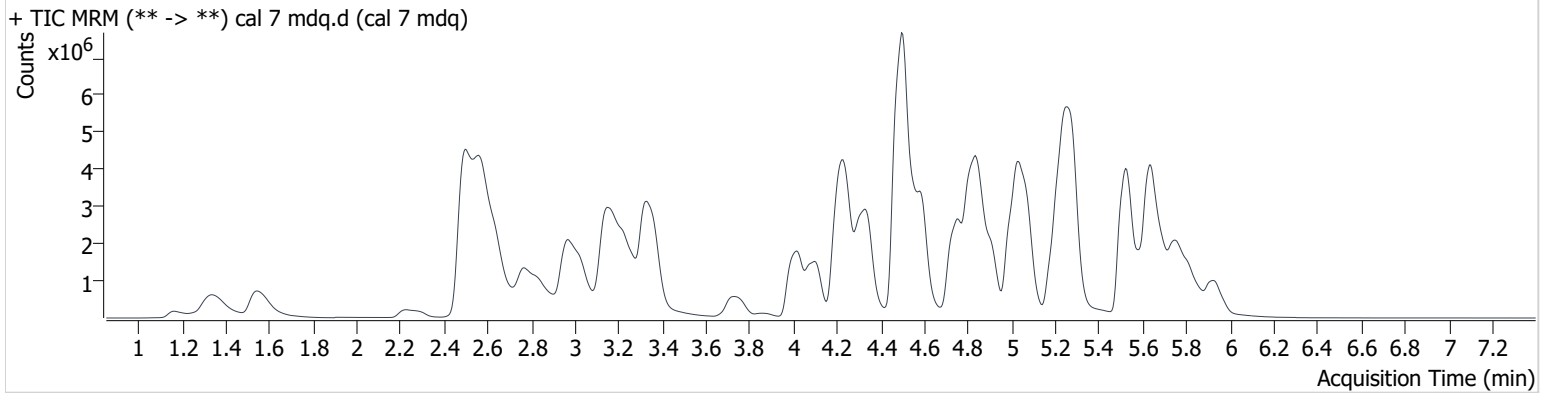
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 7 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 7 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-G1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 4:09:06 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	115832	21905.6	135.0	∞	62214	50.879 ng/ml
7-aminoclonazepam	4.258	1127149	14844.9	79.4	18202.0	80778	523.335 ng/ml
a-hydroxyalprazolam	5.661	108441	∞	57.9	∞	32765	453.746 ng/ml
alpha-PHP	4.902	5273076	62507.7	39.7	387309.6	617683	498.709 ng/ml
alpha-PVP	4.338	7554364	87376.4	52.7	70849.6	617683	504.887 ng/ml
Alprazolam	5.751	2095120	1855.0	94.3	1431.6	140951	501.752 ng/ml
Amphetamine	2.970	3331954	50788.8	224.7	58515.7	304654	427.965 ng/ml
Benzoylcegonine	3.860	214872	146561.4	56.6	4026.4	15596	515.054 ng/ml
Buprenorphine	5.686	170993	∞	15.4	19977.5	58564	47.891 ng/ml
Bupropion	4.751	6769730	107936.9	66.8	293231.9	593924	503.449 ng/ml
Carisoprodol	5.711	934335	∞	60.8	12155.7	85117	504.204 ng/ml
Citalopram	5.186	3457592	114792.2	41.0	1689212.4	303528	504.736 ng/ml
Clonazepam	5.599	869070	532986.2	35.0	250180.8	32765	502.010 ng/ml
Clonazepam	5.556	1173118	19123.9	41.0	∞	194435	662.518 ng/ml
Cocaine	4.242	4670902	359808.5	50.2	239420.2	802891	512.999 ng/ml
Codeine	2.537	542041	9997.6	94.5	48694.4	55383	484.128 ng/ml
Cyclobenzaprine	5.596	3373007	81607.0	8.5	∞	220630	494.593 ng/ml
Dextromethorphan	5.245	2051299	31473.5	76.6	∞	197237	499.878 ng/ml
Dextrophan	4.099	4163599	541603.0	44.0	192845.3	415491	497.972 ng/ml
Diazepam	5.929	2049192	∞	87.7	16829.4	203680	500.284 ng/ml
Dihydrocodeine	2.470	1654722	6284.1	61.8	3956.6	238770	465.099 ng/ml
Diphenhydramine	5.277	11625959	2628466.7	31.2	104020.5	1246415	513.519 ng/ml
Doxylamine	4.496	18979519	175800.6	82.4	418708.5	1415361	514.760 ng/ml
EDDP	5.239	7376203	337326.1	43.1	3271160.2	768800	506.608 ng/ml
Etizolam	5.797	1410740	18238.1	24.9	7013.1	203680	499.063 ng/ml
Fentanyl	5.071	378517	697457.8	126.1	638316.4	395492	51.675 ng/ml
Flualprazolam	5.692	946823	5018.2	86.6	3446.3	140951	531.955 ng/ml
Fluoxetine	5.693	1722373	156567.9	7.4	∞	130513	498.287 ng/ml
Hydrocodone	2.962	2414376	∞	35.8	730334291	284328	494.430 ng/ml
Hydromorphone	1.547	2602246	∞	73.2	490341501	167882	508.622 ng/ml
Ketamine	4.017	5463626	296867.0	37.7	∞	561216	498.441 ng/ml
Lamotrigine	4.269	241756	183472.1	90.9	165333.8	279519	446.522 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	3838260	69053.0	223.2	601099.3	723763	470.127 ng/ml
Lorazepam	5.729	166914	∞	47.8	∞	22118	654.736 ng/ml
MDA	3.132	4240363	59699.2	27.9	3206.5	279519	484.195 ng/ml
MDMA	3.245	4432500	133253.4	94.6	433210.7	97220	500.281 ng/ml
Meprobamate	4.908	993286	4074.1	29.2	5543.1	85117	516.482 ng/ml
Methadone	5.636	8508328	94095.8	50.3	385264.1	723763	518.729 ng/ml
Methamphetamine	3.160	6078865	∞	39.9	∞	613586	491.216 ng/ml
Metoprolol	4.305	760275	605363.4	97.4	∞	97220	376.837 ng/ml
Mirtazapine	4.584	9556141	172535.2	47.9	147583.3	723763	518.163 ng/ml
Mitragynine	5.185	1373950	174990.4	35.5	18798.7	2236525	454.995 ng/ml
Morphine	1.166	298580	∞	22.5	1205.8	7981	457.579 ng/ml
Norbuprenorphine	4.966	31164	17253.4	95.2	20303.1	13753	50.586 ng/ml
Nordiazepam	5.873	1124566	263411.2	62.3	∞	82522	501.277 ng/ml
Norfentanyl	4.053	305560	29241.1	36.7	50061.5	694501	52.502 ng/ml
Norhydrocodone	3.019	106662	∞	32.9 <b>High</b>	1299.9	46801	631.280 ng/ml
Noroxycodone	2.864	1683157	∞	45.5	∞	115943	534.228 ng/ml
O-desmethyl-tramadol	3.332	13871275	324736.7	6.2	80643.3	1456768	509.639 ng/ml
Oxazepam	5.741	285943	16979.9	72.6	1929.8	22118	500.566 ng/ml
Oxycodone	2.766	6420178	∞	29.3	∞	582870	500.362 ng/ml
Oxymorphone	1.334	3344550	∞	44.1	∞	233635	500.818 ng/ml
Phentermine	3.745	1864545	10252.9	6.9	8473.8	507951	491.456 ng/ml
Promethazine	5.527	5752273	∞	37.3	60056.3	545661	510.242 ng/ml
Pseudoephedrine	2.499	23689000	96602.1	23.4	92877.6	2236525	509.847 ng/ml
Quetiapine	5.509	4841861	∞	61.9	∞	157539	509.753 ng/ml
Sertraline	5.751	765527	227579.5	98.4	4376398.3	67208	494.168 ng/ml
Temazepam	5.814	2079879	31862.0	29.2	7965.8	194435	484.226 ng/ml
Tramadol	4.217	11190688	707674.4	3.4	4535.0	1236133	485.433 ng/ml
Trazodone	5.066	6120606	586444.5	79.0	32982.8	454014	538.029 ng/ml
Venlafaxine	5.015	9509186	209955.0	36.3	64138.5	1195402	520.525 ng/ml
Zolpidem	4.832	14597324	297789497941 9360.0	28.1	264599.2	1308187	507.425 ng/ml

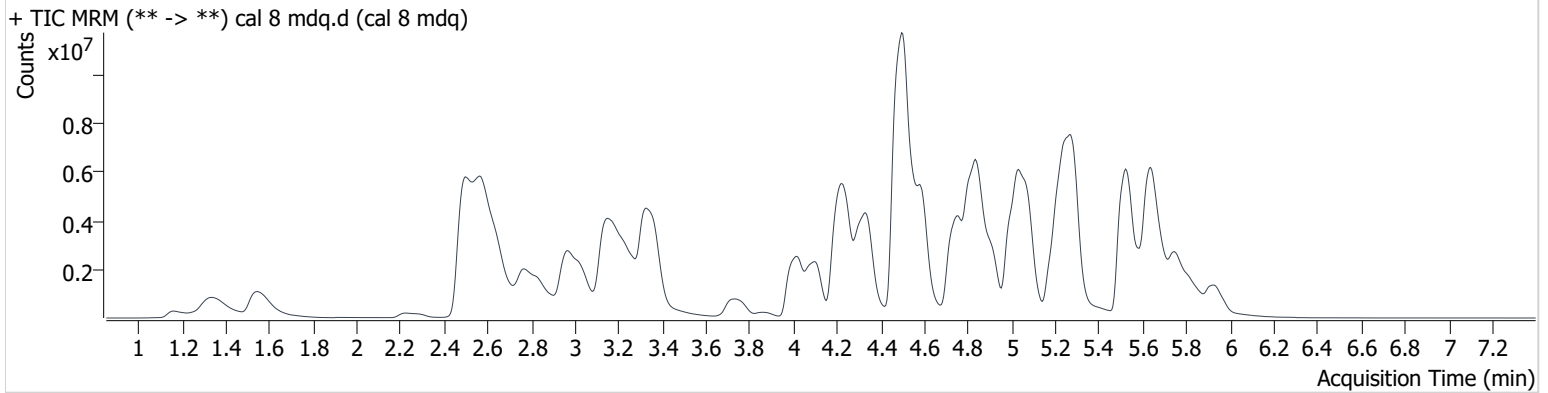
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2022\am 27-28\050222\QuantResults\am 28 5-2-22.batch.bin  
**Calibration Last Update** 5/3/2022 2:21:34 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 8 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 8 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-H1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	5/2/2022 4:27:03 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	174185	35521.4	134.4	34029.3	47540	100.197 ng/ml
7-aminoclonazepam	4.258	1014488	22151.2	79.6	22039.7	42481	895.856 ng/ml
a-hydroxyalprazolam	5.677	114808	2912.9	57.9	628.4	14330	1099.193 ng/ml
alpha-PHP	4.902	8405429	210393.3	39.2	312602.7	478921	1025.179 ng/ml
alpha-PVP	4.332	12118468	195328.7	51.5	219857.8	478921	1044.419 ng/ml
Alprazolam	5.751	2582718	24753.1	93.2	3401.3	86980	1002.324 ng/ml
Amphetamine	2.970	2101765	72455.3	222.3	161251.9	236518	347.522 ng/ml
Benzoylecgonine	3.866	429616	53143.5	56.1	12041.9	15178	1058.479 ng/ml
Buprenorphine	5.686	238663	300489.6	15.3	∞	38193	102.447 ng/ml
Bupropion	4.751	11265400	13264746.2	64.7	∞	490820	1013.611 ng/ml
Carisoprodol	5.711	1013011	1048835.1	59.9	344800.5	44483	1046.234 ng/ml
Citalopram	5.180	4441933	114206.7	43.2	42710.1	203779	965.862 ng/ml
Clonazepam	5.594	734264	609694.4	36.1	126241.9	14330	970.111 ng/ml
Clonazepam	5.556	1171299	93952.3	39.8	∞	95774	1342.050 ng/ml
Cocaine	4.242	6439517	19181850.7	50.1	∞	563902	1007.105 ng/ml
Codeine	2.516	693037	365553.7	95.0	21961.1	37779	907.903 ng/ml
Cyclobenzaprine	5.596	5291231	1984506.9	8.2	2722713.0	170473	1004.369 ng/ml
Dextromethorphan	5.250	2928557	47276.5	75.3	∞	140400	1002.475 ng/ml
Dextrophan	4.099	6733858	293492.1	44.6	84346.9	329927	1013.689 ng/ml
Diazepam	5.929	3000800	∞	87.9	∞	149314	999.378 ng/ml
Dihydrocodeine	2.470	2443629	6824.5	62.0	5463.6	194850	842.197 ng/ml
Diphenhydramine	5.282	16983927	694259.7	31.0	470498.6	889917	1050.569 ng/ml
Doxylamine	4.501	30727936	251638.8	86.7	1719005.9	1196302	985.737 ng/ml
EDDP	5.239	12026768	194780.0	42.8	830260.3	611092	1039.158 ng/ml
Etizolam	5.797	2003765	27536.9	25.4	25660.8	149314	967.546 ng/ml
Fentanyl	5.076	650566	209016.0	126.8	637678.8	317257	110.713 ng/ml
Flualprazolam	5.692	1061232	15656.0	89.7	5527.4	86980	966.040 ng/ml
Fluoxetine	5.693	2656163	581657.3	7.5	310430.7	100807	995.174 ng/ml
Hydrocodone	2.962	3927108	∞	36.1	∞	239903	953.278 ng/ml
Hydromorphone	1.547	4253435	∞	73.1	182832261 226668.0	136666	1020.947 ng/ml
Ketamine	4.012	8571410	635452.4	37.1	168296.9	443756	989.291 ng/ml
Lamotrigine	4.269	246658	∞	90.2	45136.7	180682	705.089 ng/ml



# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	5100973	454292.8	223.7	668550.7	608950	742.871 ng/ml
Lorazepam	5.735	187543	∞	49.1	∞	9982	1630.971 ng/ml
MDA	3.122	5087804	116492.7	26.8	9354.9	180682	899.139 ng/ml
MDMA	3.250	6308767	2569496.6	94.6	114903.5	69336	998.295 ng/ml
Meprobamate	4.918	1060315	273146.1	28.8	13328.4	44483	1054.071 ng/ml
Methadone	5.636	14629290	1232663.2	49.6	410472.0	608950	1059.758 ng/ml
Methamphetamine	3.149	9386339	∞	39.0	∞	534964	873.159 ng/ml
Metoprolol	4.305	934480	569769.1	100.9	56477.7	69336	649.902 ng/ml
Mirtazapine	4.584	15867335	934435.3	47.4	659478.4	608950	1022.250 ng/ml
Mitragynine	5.179	2050601	118794.0	35.5	18509.6	1619881	938.813 ng/ml
Morphine	1.161	523381	∞	21.1	1956.6	6576	973.814 ng/ml
Norbuprenorphine	4.961	49038	49288.6	94.5	51047.4	11170	98.108 ng/ml
Nordiazepam	5.873	1284355	∞	62.3	∞	49548	953.735 ng/ml
Norfentanyl	4.053	415857	463363.9	37.8	65362.0	474613	104.580 ng/ml
Norhydrocodone	3.039	204486	∞	32.7 <b>High</b>	∞	37945	1492.609 ng/ml
Noroxycodone	2.884	2213136	∞	46.4	∞	83989	969.890 ng/ml
O-desmethyl-tramadol	3.337	22510134	403979.3	6.1	82831.1	1155164	1042.941 ng/ml
Oxazepam	5.741	266482	∞	70.6	5254.5	9982	1033.707 ng/ml
Oxycodone	2.782	10298474	∞	29.1	∞	470435	994.486 ng/ml
Oxymorphone	1.339	5022562	∞	44.8	∞	184094	954.705 ng/ml
Phentermine	3.740	2895658	360779.4	6.6	42948.7	424594	913.894 ng/ml
Promethazine	5.527	10740105	2711569.7	35.5	219274.1	486583	1067.701 ng/ml
Pseudoephedrine	2.499	34841143	∞	23.2	∞	1619881	1035.228 ng/ml
Quetiapine	5.504	7163193	∞	62.9	8778615.0	129074	920.907 ng/ml
Sertraline	5.751	1229413	1006540.3	97.1	433580.4	52764	1010.808 ng/ml
Temazepam	5.820	2191059	105853.6	28.5	29311.3	95774	1034.130 ng/ml
Tramadol	4.217	16519406	∞	3.4	13562.5	979623	904.920 ng/ml
Trazodone	5.071	9725053	15449965.6	80.2	483308.9	351649	1103.403 ng/ml
Venlafaxine	5.015	15632572	397112.9	35.8	156476.7	931950	1097.138 ng/ml
Zolpidem	4.832	22495009	371270.4	27.8	153670.5	1029351	993.680 ng/ml