

*Byylee*

**Worklist: 5242**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-1926	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1931	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1950	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1968	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1975	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1977	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1978	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1981	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2003	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2004	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2014	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2037	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2064	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2069	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

BWylie

Extraction Date 9/16/2020

Analyst: Britany Wylie

Plate lot#: 210610

Plate Expiration: 12/10/2021

**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:** 21D52496

**Urine Blank lot:** 83121

**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. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).  
*(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.  
*SPE Dry ID: 66819*
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

## Post-Analytic

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

## COMMENTS:

*Curves limited to: Qualitative only due to QC's being out of acceptable range: 6-mam, Clonazepam, hydrocodone, Promethazine, Quetiapine, Sertraline buprenorphine 0.5-25, codeine 5-500, Etizolam 5-500, Fentanyl 1-100, hydrocodone 5-500, MDA 5-500, Metoprolol 5-500, methamphetamine 5-500, Mitragynine 5-250, phentermine 10-1000 Norbuprenorphine not evaluated. due to poor response*

BWylee

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1968-3	2069	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	1975-2	1926	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	1977	neg urine	IS + Cal. 3	IS + QC_3					neg	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	1978	2003	IS + Cal. 4	IS + QC_4					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	1981	2014	IS + Cal. 5	IS + QC_2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	neg	2004		IS + Cal. 6	neg					IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	1931	2037		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	1950	2064		IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl stabilizing solution

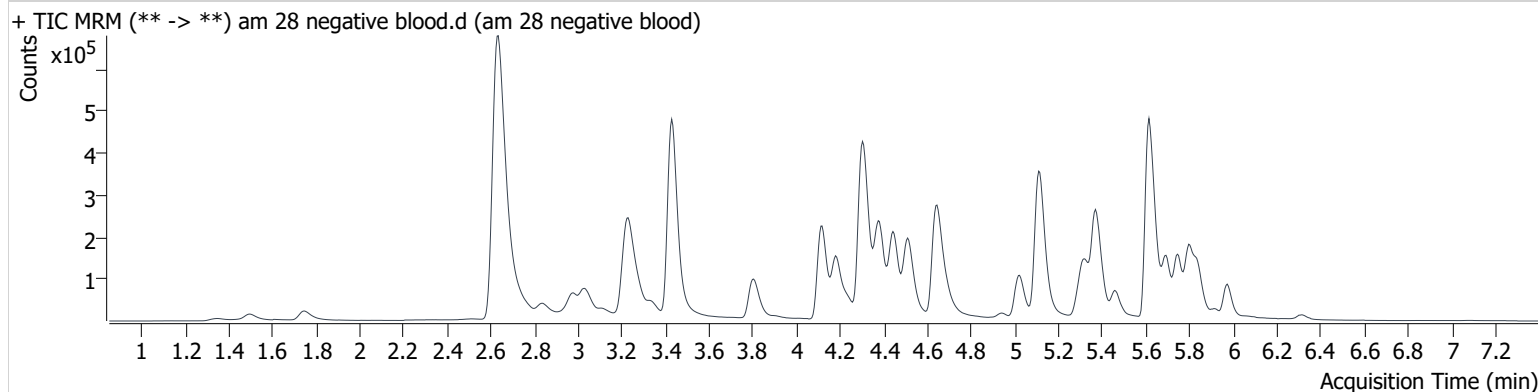
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 negative blood.d
<b>Type</b>	Sample	<b>Sample</b>	am 28 negative blood
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-F2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/17/2021 12:12:28 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluoxetine	5.750	8618	327.2	7.4	∞	135959	0.851 ng/ml
Sertraline	5.829	3005	92.8	125.4	196.5	59633	1.145 ng/ml

# AM #28 Multi-Drug Quant. Results

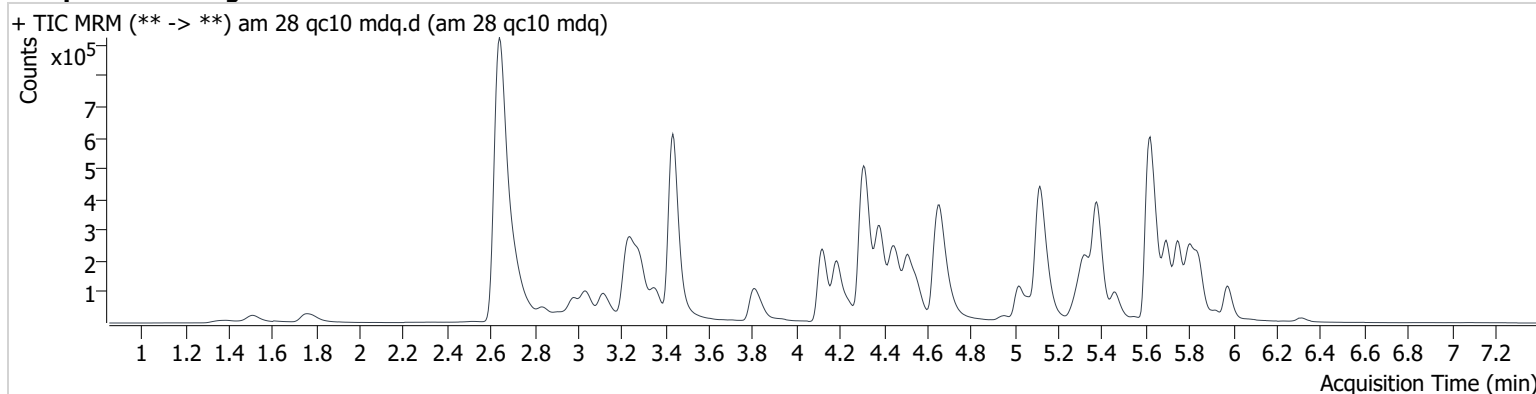
*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 qc10 mdq.d
<b>Type</b>	QC	<b>Sample</b>	am 28 qc10 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-A2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 11:36:24 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.304	1884	6550.2	119.3	224.5	48196	1.115 ng/ml
7-aminoclonazepam	4.349	23389	2235.7	68.1	57200.2	149712	10.194 ng/ml
a-hydroxyalprazolam	5.734	3044	318.1	48.8	71.4	206769	10.972 ng/ml
alpha-PHP	5.158	96031	∞	40.9	2282.2	379144	11.347 ng/ml
alpha-PVP	4.558	151516	5792.6	53.6	2351.0	604605	10.858 ng/ml
Alprazolam	5.807	60748	∞	95.4	6219.2	206769	11.091 ng/ml
Amphetamine	3.119	174155	2522.7	43.4	∞	259346	10.850 ng/ml
Benzoylcegonine	3.932	3556	∞	61.8	995.3	8283	11.306 ng/ml
Buprenorphine	6.334	1103	174.7	13.7	18.3	6665	1.066 ng/ml
Bupropion	5.070	104198	217359.8	67.4	5083.7	379144	11.330 ng/ml
Carisoprodol	5.758	53242	∞	61.0	635005181	213421	10.792 ng/ml
Citalopram	5.301	55571	5317.5	30.7	13002.6	257440	11.023 ng/ml
Clonazepam	5.656	3676	∞	37.2	∞	8577	8.483 ng/ml
Clonazolam	5.592	15068	56291.0	36.4	3469.7	206769	10.183 ng/ml
Cocaine	4.384	97125	8754.1	53.2	4928.7	721158	10.385 ng/ml
Codeine	2.905	13358	11588.3	99.0	2517.9	66835	11.233 ng/ml
Cyclobenzaprine	5.694	48661	1919.3	12.7	181.4	164388	10.695 ng/ml
Dextromethorphan	5.350	41268	3088.2	75.5	2885.9	183347	10.694 ng/ml
Dextrorphan	4.190	89872	∞	45.3	10532.3	441388	10.842 ng/ml
Diazepam	5.980	43752	13898.5	95.3	∞	220547	10.803 ng/ml
Dihydrocodeine	2.725	42620	1022.1	66.9	1236.3	243685	10.408 ng/ml
Diphenhydramine	5.387	176229	17434.7	30.8	∞	851462	10.792 ng/ml
Doxylamine	4.665	291991	8507.8	78.6	5520.8	1110366	10.781 ng/ml
EDDP	5.324	59031	23607.5	43.3	36797.6	286605	10.813 ng/ml
Etizolam	5.842	2292	4403.0	91.8	∞	206769	11.318 ng/ml
Fentanyl	5.473	5709	890.6	103.2	∞	204416	1.064 ng/ml
Flualprazolam	5.739	37501	∞	92.3	∞	206769	10.827 ng/ml
Fluoxetine	5.750	71590	1982.8	7.2	∞	178958	11.265 ng/ml
Hydrocodone	3.270	34771	∞	40.5	2558.0	210560	10.529 ng/ml
Hydromorphone	1.789	28327	∞	80.7	195349221	107824	11.499 ng/ml
Ketamine	4.475	132946	9172.5	34.2	∞	612792	11.293 ng/ml
Lamotrigine	4.464	11080	3507.2	93.6	5070.8	193369	10.156 ng/ml

am 28 qc10 mdq

Generated at 10:15 AM on 9/21/2021

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.707	53058	1553.0	234.6	4049.1	363712	11.300 ng/ml
Lorazepam	5.781	3722	1686.0	54.3	28.3	19016	9.965 ng/ml
MDA	3.266	81833	∞	27.5	564.7	238138	11.014 ng/ml
MDMA	3.359	107566	4657.2	87.7	9640.0	83308	10.774 ng/ml
Meprobamate	4.967	16082	38955.5	27.7	1188.1	36985	11.811 ng/ml
Methadone	5.703	87702	16088.7	66.8	80937.6	278723	10.828 ng/ml
Methamphetamine	3.293	212486	∞	41.1	924.3	623382	12.955 ng/ml
Metoprolol	4.386	28805	336633.0	107.6	∞	238138	10.521 ng/ml
Mirtazapine	5.272	109262	121274.0	54.5	86588.9	278723	9.680 ng/ml
Mitragynine	5.545	13310	40788.0	37.7	1014.0	186091	10.766 ng/ml
Morphine	1.397	6235	∞	23.0	∞	9773	9.545 ng/ml
Nordiazepam	5.929	11987	3633.7	56.5	20850.2	41197	10.734 ng/ml
Norfentanyl	4.140	6386	319.2	43.1	415118986 96041.2	770947	1.085 ng/ml
Norhydrocodone	3.142	1878	196.8	22.7	198.6	41799	9.848 ng/ml
Noroxycodone	2.987	24595	∞	52.6	∞	54027	10.701 ng/ml
O-desmethyl-tramadol	3.440	347926	111113.0	6.0	9027.1	1668142	10.633 ng/ml
Oxazepam	5.788	3929	11340.3	74.4	41.2	19016	10.485 ng/ml
Oxycodone	3.027	54892	∞	31.5	∞	245541	10.978 ng/ml
Oxymorphone	1.519	33206	∞	46.2	∞	70674	11.115 ng/ml
Phentermine	3.842	39036	3861.1	7.8	97.8	363712	11.338 ng/ml
Promethazine	5.652	91046	8674.7	40.6	1203.5	307776	10.775 ng/ml
Pseudoephedrine	2.651	706057	6313.3	24.4	8671.1	3199268	10.647 ng/ml
Quetiapine	5.847	37243	1788.9	57.3	∞	110961	11.016 ng/ml
Sertraline	5.829	20741	1794.3	121.0	63317.3	71969	11.832 ng/ml
Temazepam	5.850	37755	17545.1	31.8	130.4	193369	10.609 ng/ml
Tramadol	4.319	308998	27799.7	3.5	235.0	1342637	11.059 ng/ml
Trazodone	5.831	38867	383757.4	70.0	18502.1	186091	11.868 ng/ml
Venlafaxine	5.121	191389	9432.6	32.8	1238.5	1238139	10.448 ng/ml
Zolpidem	5.625	257871	25260.7	32.0	3466.2	1378743	10.968 ng/ml

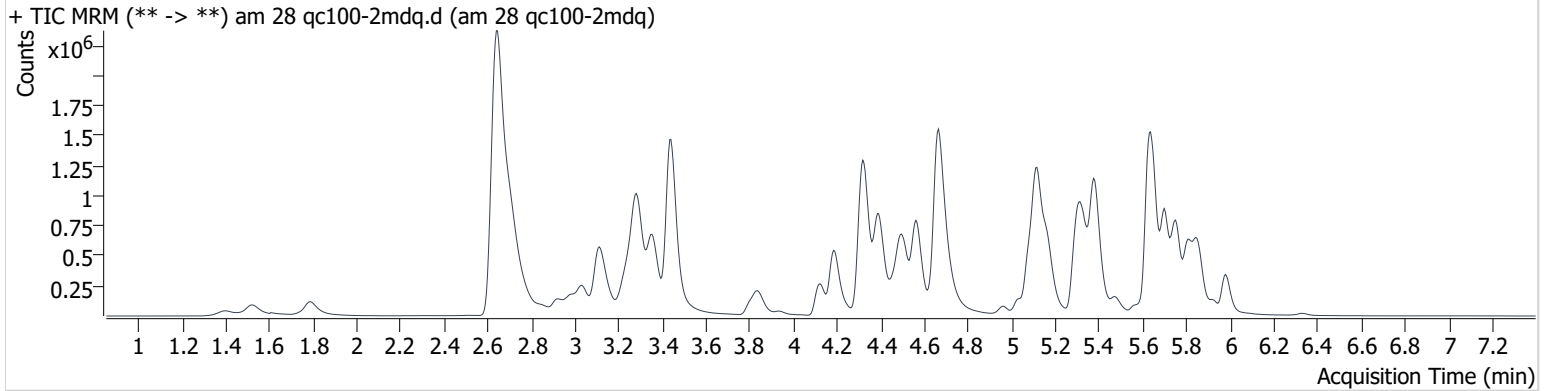
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 12:46:47 PM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 qc100-2mdq.d
<b>Type</b>	QC	<b>Sample</b>	am 28 qc100-2mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-B2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/17/2021 4:51:08 AM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.309	13847	27990.1	127.7	20312.9	35991	10.571 ng/ml
7-aminoclonazepam	4.349	201290	173839.9	62.8	244906.3	121342	114.687 ng/ml
a-hydroxyalprazolam	5.734	22737	233.6	49.7	111.6	175323	96.473 ng/ml
alpha-PHP	5.168	997110	1340490.7	40.4	136862.2	420627	124.979 ng/ml
alpha-PVP	4.563	1517529	248842.7	52.6	159857.8	625937	115.810 ng/ml
Alprazolam	5.808	480914	13308.9	94.8	13337.6	175323	117.185 ng/ml
Amphetamine	3.114	1607757	∞	39.6	62353.4	230250	119.488 ng/ml
Benzoylcegonine	3.937	36332	∞	55.4	2394.4	8541	115.871 ng/ml
Buprenorphine	6.345	9927	432.6	16.0	487.7	8089	10.054 ng/ml
Bupropion	5.081	1053643	1530645.4	68.7	9578.3	420627	116.245 ng/ml
Carisoprodol	5.763	391284	884133.1	60.4	7008.7	154629	114.427 ng/ml
Citalopram	5.301	526156	25648.1	30.7	96551.0	248609	113.635 ng/ml
Clonazepam	5.656	36329	14863.5	31.9	∞	7360	118.260 ng/ml
Clonazepam	5.597	138718	4629.1	38.2	∞	175323	104.662 ng/ml
Cocaine	4.395	950236	619887.4	49.4	207794.1	699927	113.039 ng/ml
Codeine	2.921	114198	∞	91.5	∞	63691	114.801 ng/ml
Cyclobenzaprine	5.694	384328	2151933.1	11.5	∞	130483	115.742 ng/ml
Dextromethorphan	5.345	375800	1044212.2	76.0	1393583.6	169926	113.684 ng/ml
Dextrophan	4.190	864568	∞	46.5	10904750.0	436329	114.471 ng/ml
Diazepam	5.980	374557	17200.5	93.0	14324.7	187682	116.119 ng/ml
Dihydrocodeine	2.730	391647	2913.0	66.9	1242.2	223805	111.800 ng/ml
Diphenhydramine	5.382	1729452	41786803.2	30.9	1169419.9	853093	109.102 ng/ml
Doxylamine	4.665	2959036	394175.4	79.9	1433667.9	1129147	113.517 ng/ml
EDDP	5.324	713253	∞	42.3	365979.8	370836	106.665 ng/ml
Etizolam	5.847	15570	305515.9	100.3	34080.6	175323	102.683 ng/ml
Fentanyl	5.483	51173	∞	98.4	∞	190594	10.967 ng/ml
Flualprazolam	5.739	290021	∞	89.5	∞	175323	108.792 ng/ml
Fluoxetine	5.755	444577	∞	7.0	3556.9	124484	109.363 ng/ml
Hydrocodone	3.275	299297	∞	44.8	∞	194297	126.324 ng/ml
Hydromorphone	1.789	242415	∞	86.4	∞	98360	113.453 ng/ml
Ketamine	4.496	1190585	1940857.7	33.8	21616.9	574688	119.046 ng/ml
Lamotrigine	4.464	94228	4226.1	92.1	∞	128439	111.871 ng/ml
Levetiracetam	2.702	456497	10146.4	230.7	33721.2	364690	127.531 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	34819	3204.6	49.4	299.0	17066	116.843 ng/ml
MDA	3.256	650234	103516.8	28.0	∞	208670	115.029 ng/ml
MDMA	3.353	1026872	58522.6	88.9	32601.4	81276	114.281 ng/ml
Meprobamate	4.962	139225	∞	31.3	∞	35402	116.722 ng/ml
Methadone	5.703	807694	∞	68.4	24496.4	265555	110.235 ng/ml
Methamphetamine	3.288	1435986	∞	40.4	∞	635841	112.665 ng/ml
Metoprolol	4.391	250045	∞	107.7	∞	208670	117.229 ng/ml
Mirtazapine	5.293	973550	90546.5	56.9	86806.8	265555	109.767 ng/ml
Mitragynine	5.560	131239	∞	36.1	∞	165244	107.098 ng/ml
Morphine	1.397	65808	∞	21.8	∞	9877	107.778 ng/ml
Nordiazepam	5.929	106817	∞	56.1	∞	37532	112.195 ng/ml
Norfentanyl	4.145	66782	1377.8	39.2	17216.1	809320	11.590 ng/ml
Norhydrocodone	3.137	21283	360.1	33.1	∞	46879	105.574 ng/ml
Noroxycodone	2.977	210271	∞	51.0	∞	48998	104.511 ng/ml
O-desmethyl-tramadol	3.440	3198646	∞	6.0	∞	1566176	111.267 ng/ml
Oxazepam	5.788	34672	∞	64.9	975.9	17066	113.783 ng/ml
Oxycodone	3.027	514208	∞	31.1	∞	237554	112.888 ng/ml
Oxymorphone	1.524	296935	∞	46.0	∞	66388	115.391 ng/ml
Phentermine	3.842	346051	6118.2	8.2	∞	364690	120.229 ng/ml
Promethazine	5.657	733200	49418.8	39.1	486178.8	253996	104.836 ng/ml
Pseudoephedrine	2.646	6461893	∞	24.1	141104.9	2937588	112.930 ng/ml
Quetiapine	5.857	338285	14180.9	57.1	∞	99635	124.789 ng/ml
Sertraline	5.829	125526	5145.1	115.9	12447.5	45725	122.256 ng/ml
Temazepam	5.850	242982	150588.7	31.5	1836.0	128439	107.014 ng/ml
Tramadol	4.319	2921743	85348.8	3.6	1691.5	1320655	117.080 ng/ml
Trazodone	5.842	288223	∞	78.7	∞	165244	118.961 ng/ml
Venlafaxine	5.121	1873800	270044.5	33.2	28649.2	1215486	106.950 ng/ml
Zolpidem	5.630	2269003	∞	31.6	∞	1245209	115.197 ng/ml



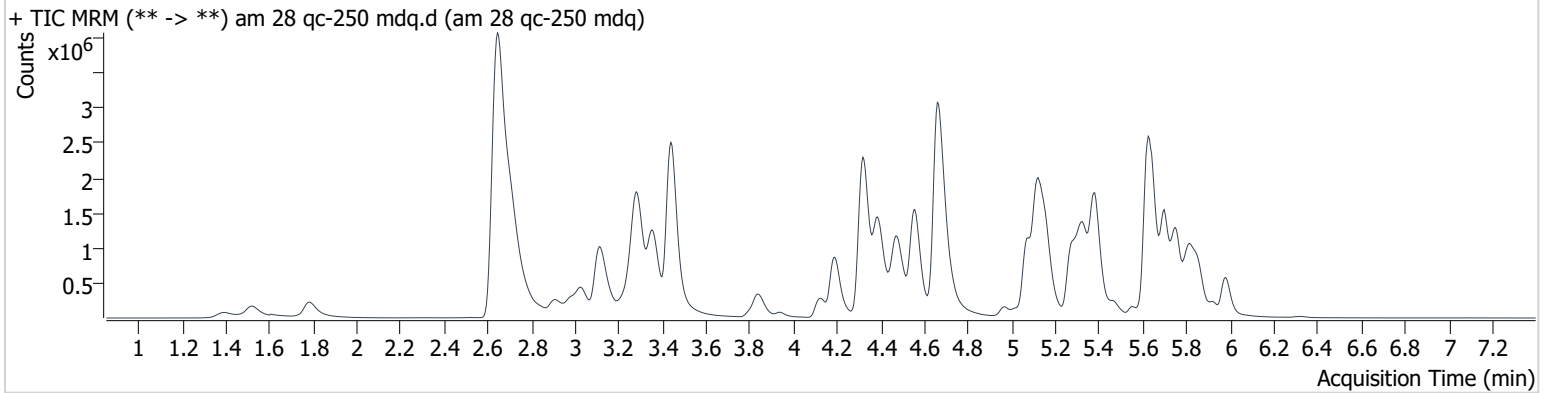
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 qc-250 mdq.d
<b>Type</b>	QC	<b>Sample</b>	am 28 qc-250 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-C2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 11:45:29 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.304	26829	∞	126.8	11673.7	25615	28.699 ng/ml
7-aminoclonazepam	4.349	356017	19408.3	67.1	15947.9	92634	266.590 ng/ml
a-hydroxyalprazolam	5.734	45927	1406.6	44.4	805.4	134902	253.216 ng/ml
alpha-PHP	5.158	1927863	1125700.8	41.0	38401.1	355370	288.909 ng/ml
alpha-PVP	4.558	3235504	157745.8	52.6	43478.2	558597	278.408 ng/ml
Alprazolam	5.807	866606	16303.2	95.4	∞	134902	276.633 ng/ml
Amphetamine	3.114	2906588	98157.7	41.3	27363.8	181166	275.462 ng/ml
Benzoylcegonine	3.937	87280	128887.3	56.9	3485.8	8447	282.076 ng/ml
Buprenorphine	6.335	17513	869.5	16.0	1019.2	6087	24.022 ng/ml
Bupropion	5.070	2169700	19602945.9	67.6	30753.4	355370	285.630 ng/ml
Carisoprodol	5.758	712773	1757985.4	61.4	26198.6	116903	276.474 ng/ml
Citalopram	5.301	961850	∞	31.7	∞	183606	282.209 ng/ml
Clonazepam	5.656	80338	878315.4	28.8	18684.5	6490	299.564 ng/ml
Clonazepam	5.592	285855	∞	38.6	397478.7	134902	279.294 ng/ml
Cocaine	4.389	1972098	267665.7	49.4	∞	608811	270.984 ng/ml
Codeine	2.905	235460	∞	95.7	18833.1	56945	267.046 ng/ml
Cyclobenzaprine	5.694	725803	1251676.9	11.9	∞	108589	263.973 ng/ml
Dextromethorphan	5.345	728156	∞	74.5	174154.3	135349	277.945 ng/ml
Dextrophan	4.190	1734889	∞	45.5	303051.7	355966	283.059 ng/ml
Diazepam	5.980	758248	∞	94.7	48254.5	156017	283.959 ng/ml
Dihydrocodeine	2.725	785248	4669.2	69.0	906.7	183956	273.940 ng/ml
Diphenhydramine	5.382	3208109	∞	31.6	69721.0	662695	261.063 ng/ml
Doxylamine	4.665	6371655	179174.1	81.2	∞	1018396	271.959 ng/ml
EDDP	5.324	1563036	∞	41.3	995161.1	314891	276.357 ng/ml
Etizolam	5.847	28380	47403.5	106.1	47089.3	134902	245.590 ng/ml
Fentanyl	5.473	103474	2268511.1	103.2	∞	165572	25.641 ng/ml
Flualprazolam	5.739	559375	8790.9	85.9	∞	134902	274.564 ng/ml
Fluoxetine	5.750	748979	28990.3	6.7	69063.8	83362	276.812 ng/ml
Hydrocodone	3.264	660411	∞	44.2	∞	189022	290.798 ng/ml
Hydromorphone	1.784	555215	∞	78.3	∞	91874	279.156 ng/ml
Ketamine	4.475	2435674	157503.2	33.3	15998.0	509575	276.375 ng/ml
Lamotrigine	4.464	168584	22170.5	92.0	∞	85296	298.779 ng/ml
Levetiracetam	2.707	921269	32372.9	233.0	∞	309269	309.060 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	73433	4866.5	49.4	1243.9	14999	282.325 ng/ml
MDA	3.261	1069405	27687.1	27.8	∞	150231	265.184 ng/ml
MDMA	3.359	2028288	596858.4	88.9	114065.4	65802	280.267 ng/ml
Meprobamate	4.967	322377	∞	31.0	5272.9	33989	283.239 ng/ml
Methadone	5.703	1655227	∞	63.4	574577.2	213094	282.520 ng/ml
Methamphetamine	3.293	2691268	1332010.3	42.5	39641.3	534231	257.183 ng/ml
Metoprolol	4.391	452606	165163.3	105.0	∞	150231	296.949 ng/ml
Mirtazapine	5.272	2059223	258746.5	55.4	138550.0	213094	293.102 ng/ml
Mitragynine	5.550	258990	387744.1	37.2	∞	127359	272.294 ng/ml
Morphine	1.392	123690	∞	20.9	∞	7632	263.403 ng/ml
Nordiazepam	5.929	215116	∞	56.3	∞	30523	279.043 ng/ml
Norfentanyl	4.145	155596	∞	39.9	41160.4	788589	27.836 ng/ml
Norhydrocodone	3.142	54443	2051.2	31.4	∞	44110	288.170 ng/ml
Noroxycodone	2.982	425855	∞	50.6	∞	41011	253.497 ng/ml
O-desmethyl-tramadol	3.444	6915894	928812.0	6.0	∞	1387732	272.681 ng/ml
Oxazepam	5.788	69775	∞	71.2	∞	14999	262.112 ng/ml
Oxycodone	3.022	1133445	∞	32.5	∞	219268	270.640 ng/ml
Oxymorphone	1.519	618671	∞	46.3	∞	57013	281.558 ng/ml
Phentermine	3.842	688856	16392.5	8.2	777.6	309269	285.651 ng/ml
Promethazine	5.652	1484473	152128.4	39.4	26862.4	200236	269.188 ng/ml
Pseudoephedrine	2.646	13513730	∞	23.7	∞	2516831	276.746 ng/ml
Quetiapine	5.852	562608	12724.2	60.0	749496.9	77542	268.334 ng/ml
Sertraline	5.823	188115	7918.5	120.5	17172.4	29574	284.741 ng/ml
Temazepam	5.855	413202	13741.0	31.5	41306.8	85296	274.787 ng/ml
Tramadol	4.319	6386192	307889.8	3.5	3464.0	1206848	281.780 ng/ml
Trazodone	5.831	484967	∞	80.3	2550335.7	127359	262.901 ng/ml
Venlafaxine	5.123	3995912	261806.3	32.0	94892.1	1019013	272.520 ng/ml
Zolpidem	5.628	4837738	347777.3	30.6	68164.0	1097797	279.945 ng/ml

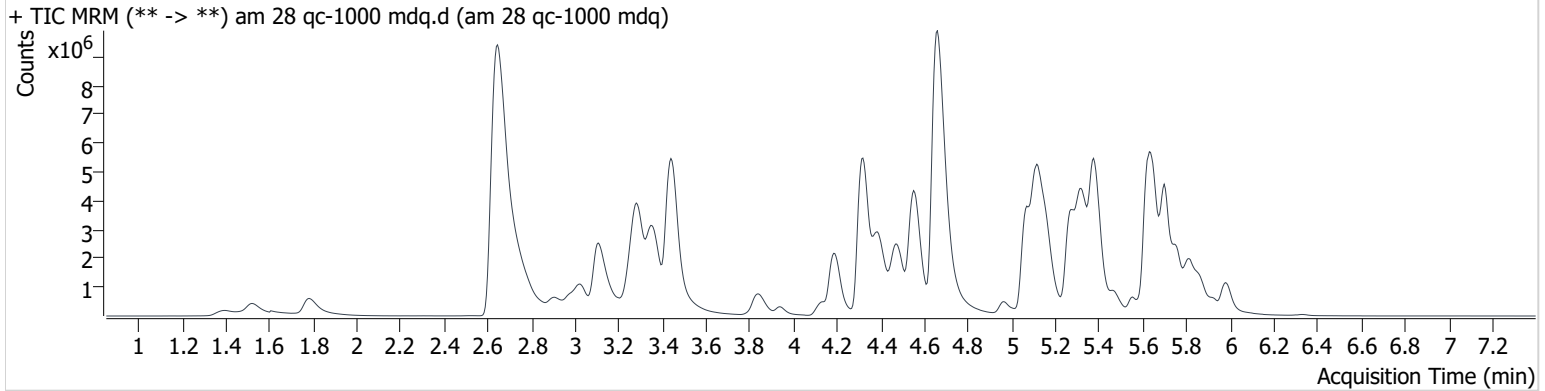
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 qc-1000 mdq.d
<b>Type</b>	QC	<b>Sample</b>	am 28 qc-1000 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-D2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 11:54:30 PM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.304	50091	∞	129.3	80040.3	11082	123.699 ng/ml
7-aminoclonazepam	4.349	586036	240960.9	70.1	17455.7	35872	1135.406 ng/ml
a-hydroxyalprazolam	5.734	91781	16729.8	51.0	429.8	73036	934.604 ng/ml
alpha-PHP	5.160	6242332	529700.8	39.9	∞	391643	853.189 ng/ml
alpha-PVP	4.553	10393138	∞	52.1	235017.4	522253	959.565 ng/ml
Alprazolam	5.802	1517805	7055.4	97.6	∞	73036	898.572 ng/ml
Amphetamine	3.115	7477460	163418.2	42.3	309858.6	116350	1105.556 ng/ml
Benzoylecgonine	3.937	403933	∞	56.4	14428.5	8765	1259.553 ng/ml
Buprenorphine	6.334	79682	5394.7	15.3	∞	8025	83.723 ng/ml <span style="color:blue">OCR</span>
Bupropion	5.070	7114729	4043980.2	65.0	142293.0	391643	853.028 ng/ml
Carisoprodol	5.763	1206373	3540694.5	59.8	61111.0	47977	1141.885 ng/ml
Citalopram	5.296	2573418	811161.9	32.7	∞	126270	1099.720 ng/ml
Clonazepam	5.656	177904	167411.1	29.5	152456.8	3395	1274.249 ng/ml
Clonazepam	5.592	759336	1373854.7	38.8	∞	73036	1368.020 ng/ml
Cocaine	4.384	5524232	199782.8	49.6	208442.4	416092	1113.508 ng/ml
Codeine	2.905	627967	31270.8	96.7	18272.7	51618	789.136 ng/ml <span style="color:blue">OCR</span>
Cyclobenzaprine	5.684	1793768	997892.8	12.1	10825.5	69458	1022.908 ng/ml
Dextromethorphan	5.345	2249358	176897.0	74.7	∞	106159	1097.564 ng/ml
Dextrophan	4.190	5276809	129150.6	45.8	∞	267266	1149.811 ng/ml
Diazepam	5.985	1811896	∞	92.3	35066.0	93976	1128.940 ng/ml
Dihydrocodeine	2.720	2060498	5124.7	69.7	5866.2	121731	1088.786 ng/ml
Diphenhydramine	5.382	11838097	∞	29.9	131330.6	560647	1139.979 ng/ml
Doxylamine	4.659	23581761	3263677.4	85.6	∞	943783	1088.136 ng/ml
EDDP	5.324	7264530	198038.8	40.9	∞	366270	1106.294 ng/ml
Etizolam	5.842	52845	283310.0	92.5	154132.3	73036	848.843 ng/ml <span style="color:blue">OCR</span>
Fentanyl	5.467	501625	∞	102.1	2495817.5	195841	105.353 ng/ml
Flualprazolam	5.739	1041086	∞	88.7	∞	73036	946.882 ng/ml
Fluoxetine	5.755	1514921	∞	6.8	∞	41542	1126.931 ng/ml
Hydrocodone	3.254	1715991	∞	44.9	∞	168042	856.427 ng/ml <span style="color:blue">OCR</span>
Hydromorphone	1.784	1767021	∞	74.7	∞	74980	1090.557 ng/ml
Ketamine	4.477	5928426	346695.0	33.2	104476.4	362101	949.845 ng/ml
Lamotrigine	4.454	281725	7919.1	90.8	∞	34303	1236.665 ng/ml
Levetiracetam	2.702	2162378	60581.5	234.6	604613.5	279464	809.226 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	202948	7399.5	52.6	∞	10867	1080.762 ng/ml
MDA	3.246	1910405	∞	28.3	13087.6	94379	757.542 ng/ml <small>OCR</small>
MDMA	3.359	5658642	184068.3	87.7	274010.8	49105	1050.531 ng/ml
Meprobamate	4.967	1089293	101651.7	30.6	295011.3	32642	999.634 ng/ml
Methadone	5.703	6014823	∞	60.1	116043.3	195768	1119.390 ng/ml
Methamphetamine	3.288	6727708	5624.1	39.5	118554.9	470371	738.972 ng/ml <small>OCR</small>
Metoprolol	4.391	733968	285694.7	105.9	∞	94379	768.830 ng/ml <small>OCR</small>
Mirtazapine	5.271	6995792	597912.2	53.1	783117.5	195768	1090.099 ng/ml
Mitragynine	5.550	1091573	13657461.5	36.9	∞	84182	1729.645 ng/ml <small>OCR</small>
Morphine	1.392	354907	∞	19.4	∞	6383	905.750 ng/ml
Nordiazepam	5.929	545456	313505.7	57.0	62639.7	19679	1099.883 ng/ml
Norfentanyl	4.140	600929	∞	37.8	200081.0	829539	102.434 ng/ml
Norhydrocodone	3.142	161884	∞	32.5	26000.9	34260	1105.124 ng/ml
Noroxycodone	2.977	1070610	∞	49.8	∞	29476	887.762 ng/ml
O-desmethyl-tramadol	3.440	19885569	1023696.3	5.7	61024.6	989309	1102.277 ng/ml
Oxazepam	5.782	202280	∞	71.9	18672.9	10867	1052.375 ng/ml
Oxycodone	3.022	3684597	∞	32.3	∞	188832	1023.705 ng/ml
Oxymorphone	1.519	1812772	∞	46.8	∞	46328	1018.208 ng/ml
Phentermine	3.842	1966297	12178.3	7.4	2770.2	279464	907.837 ng/ml
Promethazine	5.657	4409898	2494585.7	37.3	93841.6	130652	1225.451 ng/ml
Pseudoephedrine	2.646	37452846	∞	22.8	∞	1747501	1106.926 ng/ml
Quetiapine	5.857	1527613	317840.3	57.2	∞	55500	1022.051 ng/ml
Sertraline	5.823	295972	18925.4	113.3	∞	11317	1174.219 ng/ml
Temazepam	5.860	667040	477128.1	31.1	24331.3	34303	1104.476 ng/ml
Tramadol	4.319	18329822	∞	3.3	6809.0	971391	1008.020 ng/ml
Trazodone	5.826	1204749	∞	83.0	∞	84182	995.514 ng/ml
Venlafaxine	5.116	12407232	4772038.5	30.4	72880.7	728601	1184.469 ng/ml
Zolpidem	5.625	12776792	363140.2	28.7	∞	735326	1106.618 ng/ml

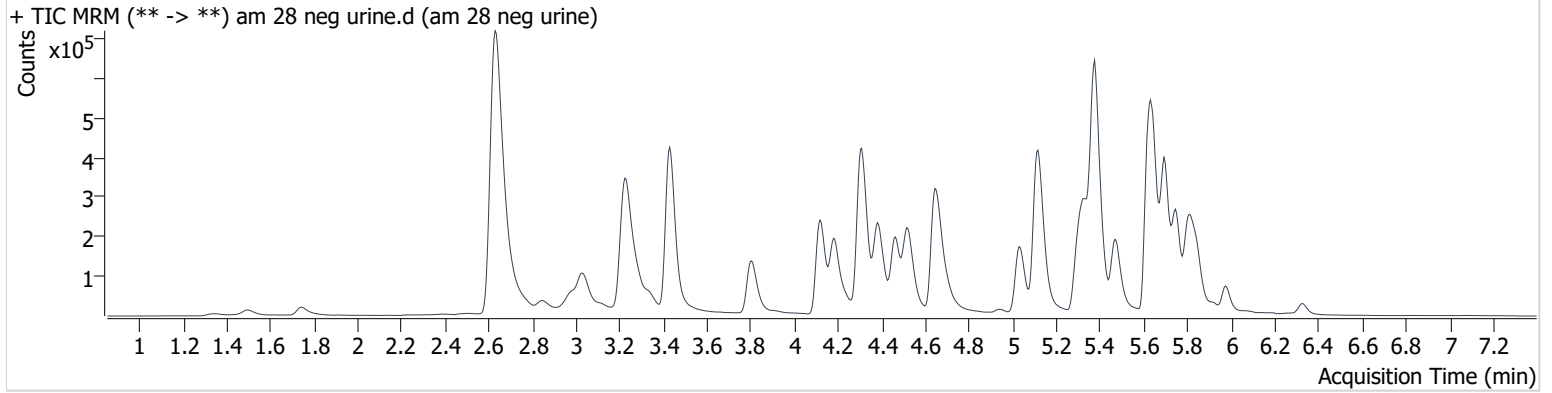
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 neg urine.d
<b>Type</b>	Sample	<b>Sample</b>	am 28 neg urine
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-C4	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/17/2021 3:57:13 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



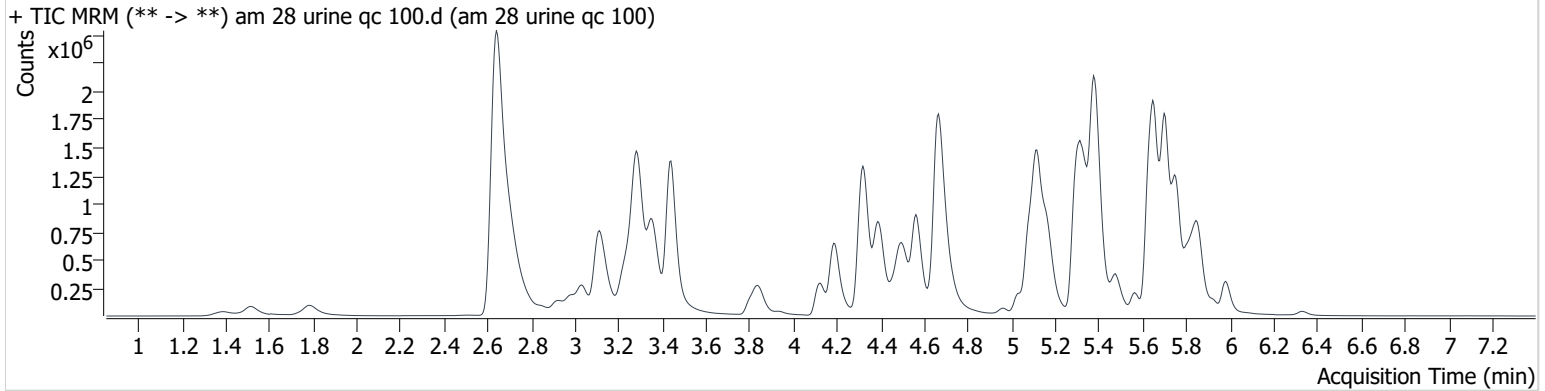
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 urine qc 100.d
<b>Type</b>	Sample	<b>Sample</b>	am 28 urine qc 100
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-E2	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/17/2021 5:00:12 AM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.304	11795	∞	135.3	2348.8	29140	11.119 ng/ml
7-aminoclonazepam	4.349	150313	24088.1	64.5	6805.7	91609	113.432 ng/ml
a-hydroxyalprazolam	5.734	17492	489.4	53.3	444.6	123399	105.443 ng/ml
alpha-PHP	5.168	1291175	197584.5	39.3	19389.4	613478	110.711 ng/ml
alpha-PVP	4.563	1745584	118876.5	52.3	14556.9	701997	118.813 ng/ml
Alprazolam	5.808	351253	∞	94.6	1721.0	123399	121.667 ng/ml
Amphetamine	3.114	2162009	31024.0	41.0	625393.6	323362	114.382 ng/ml
Benzoylcegonine	3.937	29497	10752.0	58.7	1485.6	7563	106.192 ng/ml
Buprenorphine	6.345	22417	∞	16.1	624.5	5325	35.306 ng/ml
Bupropion	5.081	1562346	595378.6	66.8	180241.7	613478	118.209 ng/ml
Carisoprodol	5.763	296666	∞	59.9	3816.3	113657	118.049 ng/ml
Citalopram	5.301	909711	51950.7	32.4	10509.2	447517	109.121 ng/ml
Clonazepam	5.656	24065	1203.3	30.0	∞	4820	119.635 ng/ml
Clonazepam	5.597	39857	177920.8	41.4	4147.2	123399	43.080 ng/ml
Cocaine	4.395	908626	1068382.8	52.1	39943.1	689314	109.727 ng/ml
Codeine	2.921	108373	∞	94.6	74893.9	58254	119.180 ng/ml
Cyclobenzaprine	5.694	861180	31730.8	12.0	1753.5	303779	111.360 ng/ml
Dextromethorphan	5.350	899551	98198.3	75.9	48464.2	406288	113.814 ng/ml
Dextrophan	4.190	1065437	142149.8	45.5	457554.4	537482	114.518 ng/ml
Diazepam	5.985	315594	∞	93.7	∞	159672	114.995 ng/ml
Dihydrocodeine	2.725	364002	5719.2	68.8	4475.5	213424	108.941 ng/ml
Diphenhydramine	5.387	3328466	361631.9	30.8	51187.2	1660161	107.894 ng/ml
Doxylamine	4.665	3478930	86953.8	79.4	223000.5	1311300	114.931 ng/ml
EDDP	5.324	994304	271685.7	41.5	37040.2	496077	111.184 ng/ml
Etizolam	5.842	10190	∞	107.3	52619.8	123399	95.359 ng/ml
Fentanyl	5.483	139727	∞	103.5	259552.9	526335	10.843 ng/ml
Flualprazolam	5.739	226265	5846.1	87.9	∞	123399	120.724 ng/ml
Fluoxetine	5.750	1321203	48336.1	6.6	2708.2	356523	113.521 ng/ml
Hydrocodone	3.275	293328	∞	43.9	∞	192382	125.002 ng/ml
Hydromorphone	1.789	232422	∞	73.2	∞	92783	115.325 ng/ml
Ketamine	4.496	1116342	524930.6	34.3	8264.3	561455	114.201 ng/ml
Lamotrigine	4.464	85818	21467.9	91.3	6839.7	121506	107.757 ng/ml
Levetiracetam	2.702	370737	6933.5	233.4	25695.5	474230	78.135 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

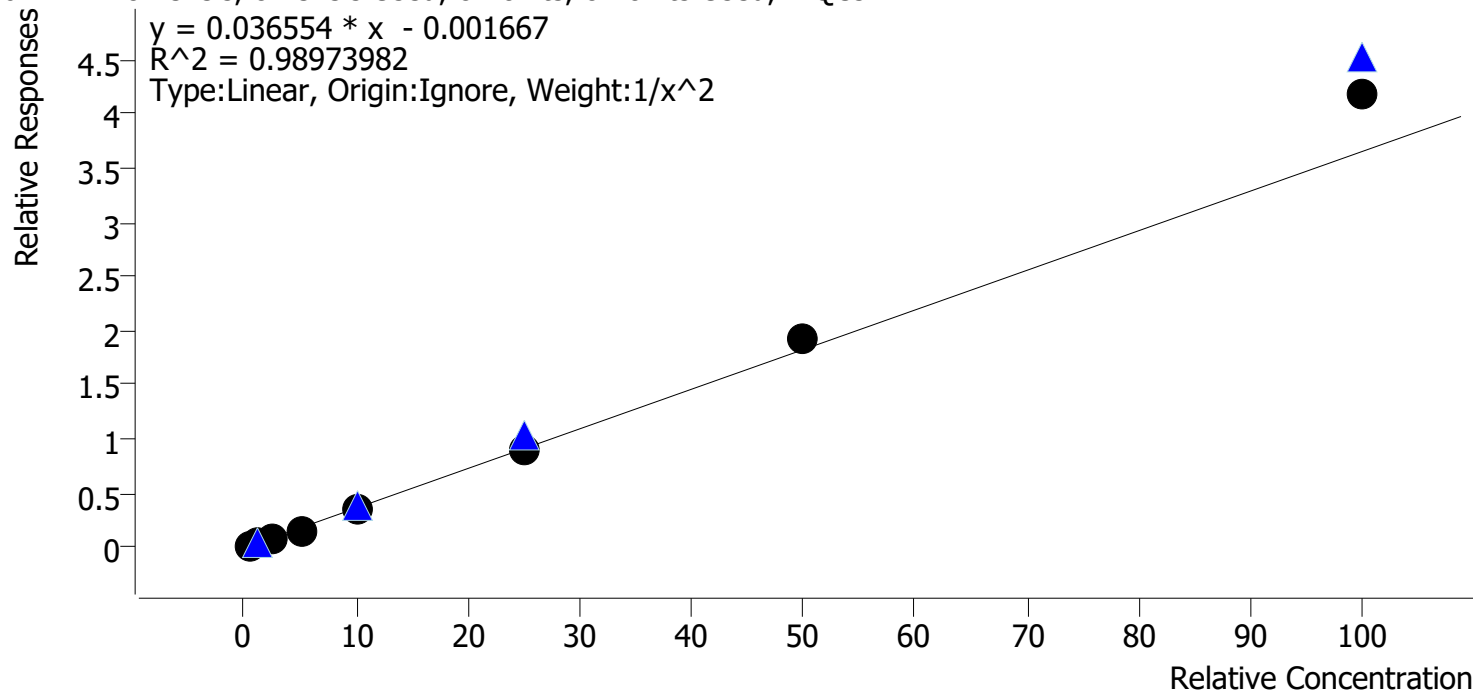
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	27298	1749.6	57.1	561.5	13068	119.668 ng/ml
MDA	3.256	784104	13626.1	28.1	∞	255811	113.118 ng/ml
MDMA	3.353	1286585	40034.2	85.6	44800.9	102102	113.977 ng/ml
Meprobamate	4.962	112184	108549.4	32.1	1917.0	27989	118.983 ng/ml
Methadone	5.703	1776609	27315.6	65.4	39424.2	579491	111.120 ng/ml
Methamphetamine	3.288	2331236	∞	40.1	67041.7	991490	117.493 ng/ml
Metoprolol	4.391	276346	∞	106.5	∞	255811	105.540 ng/ml
Mirtazapine	5.293	1805663	56192.4	56.5	78607.2	579491	92.949 ng/ml
Mitragynine	5.560	330036	7613188.3	37.5	377890.2	295176	150.270 ng/ml
Morphine	1.387	60910	∞	22.4	∞	8815	111.803 ng/ml
Nordiazepam	5.929	84642	25502.9	56.1	∞	29693	112.376 ng/ml
Norfentanyl	4.145	75600	∞	39.0	4623.9	904089	11.747 ng/ml
Norhydrocodone	3.136	21758	∞	27.3	185.8	45037	112.392 ng/ml
Noroxycodone	2.982	235905	∞	49.0	∞	50713	113.324 ng/ml
O-desmethyl-tramadol	3.440	2874204	113649.7	6.2	45236.4	1426524	109.758 ng/ml
Oxazepam	5.788	28809	1486.2	62.9	742.5	13068	123.574 ng/ml
Oxycodone	3.032	497622	∞	31.8	∞	230760	112.461 ng/ml
Oxymorphone	1.514	261827	∞	45.5	∞	57961	116.552 ng/ml
Phentermine	3.842	458662	5038.2	8.5	12595.2	474230	122.594 ng/ml
Promethazine	5.657	2030109	167157.7	38.2	∞	706178	104.405 ng/ml
Pseudoephedrine	2.646	6864531	∞	24.1	∞	3158715	111.559 ng/ml
Quetiapine	5.857	466485	19258.1	57.1	∞	150768	113.590 ng/ml
Sertraline	5.829	227932	∞	117.7	∞	89100	113.848 ng/ml
Temazepam	5.850	229976	12659.0	34.6	498.5	121506	107.065 ng/ml
Tramadol	4.319	3053269	169254.3	3.6	958.3	1376382	117.400 ng/ml
Trazodone	5.842	444594	1093697.4	80.2	1246608.9	295176	102.358 ng/ml
Venlafaxine	5.121	2202616	377252.7	32.2	51486.7	1387323	110.155 ng/ml
Zolpidem	5.630	2059128	∞	31.2	34989.3	1142500	113.929 ng/ml

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	0.5	0.5	101.1
am 28 cal 2 mdq	2	✓	1.0	1.0	104.9
am 28 cal 3 mdq	3	✓	2.5	2.2	87.2
am 28 cal 4 mdq	4	✓	5.0	4.5	90.1
am 28 cal 5 mdq	5	✓	10.0	9.6	95.9
am28 cal 6 mdq	6	✓	25.0	25.1	100.4
am 28 cal 7 mdq	7	✓	50.0	52.9	105.9
am 28 cal 8 mdq	8	✓	100.0	114.4	114.4

Qualitative only- QC100 accuracy out of range

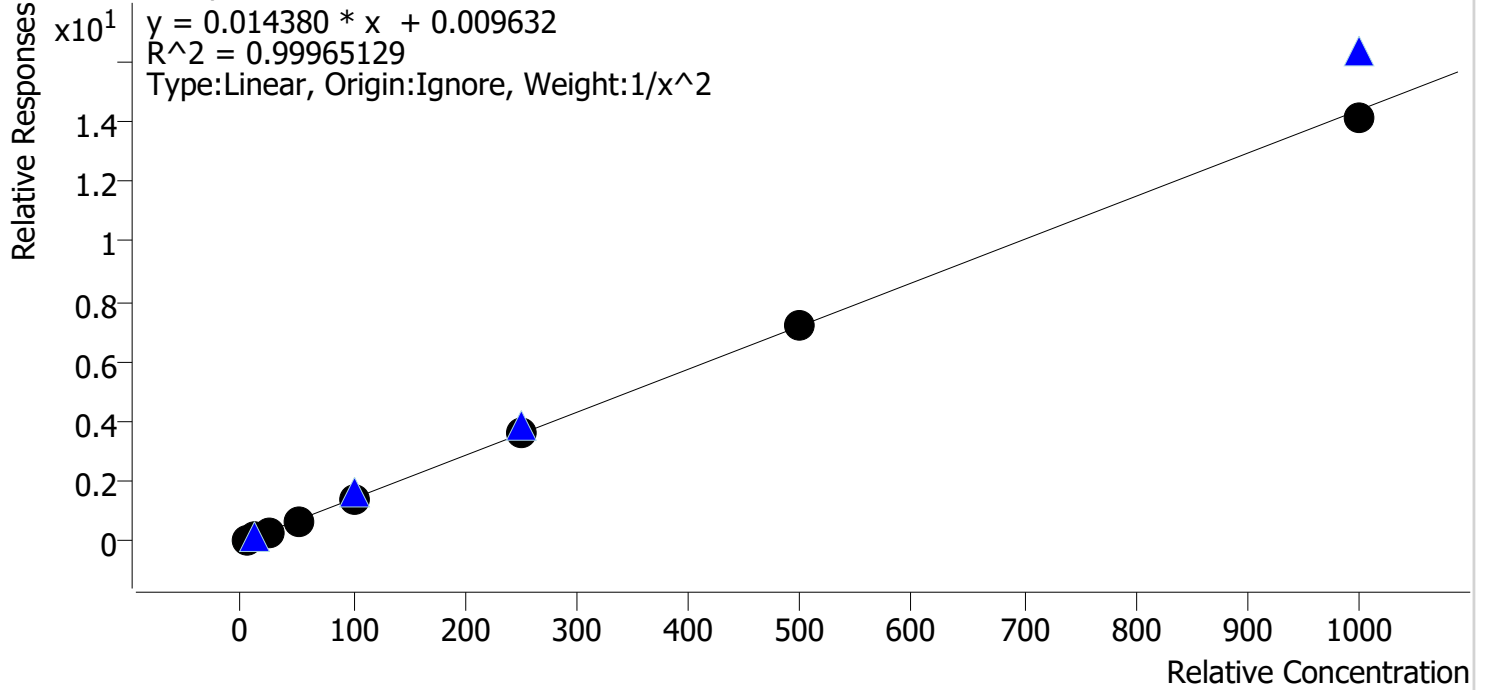


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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

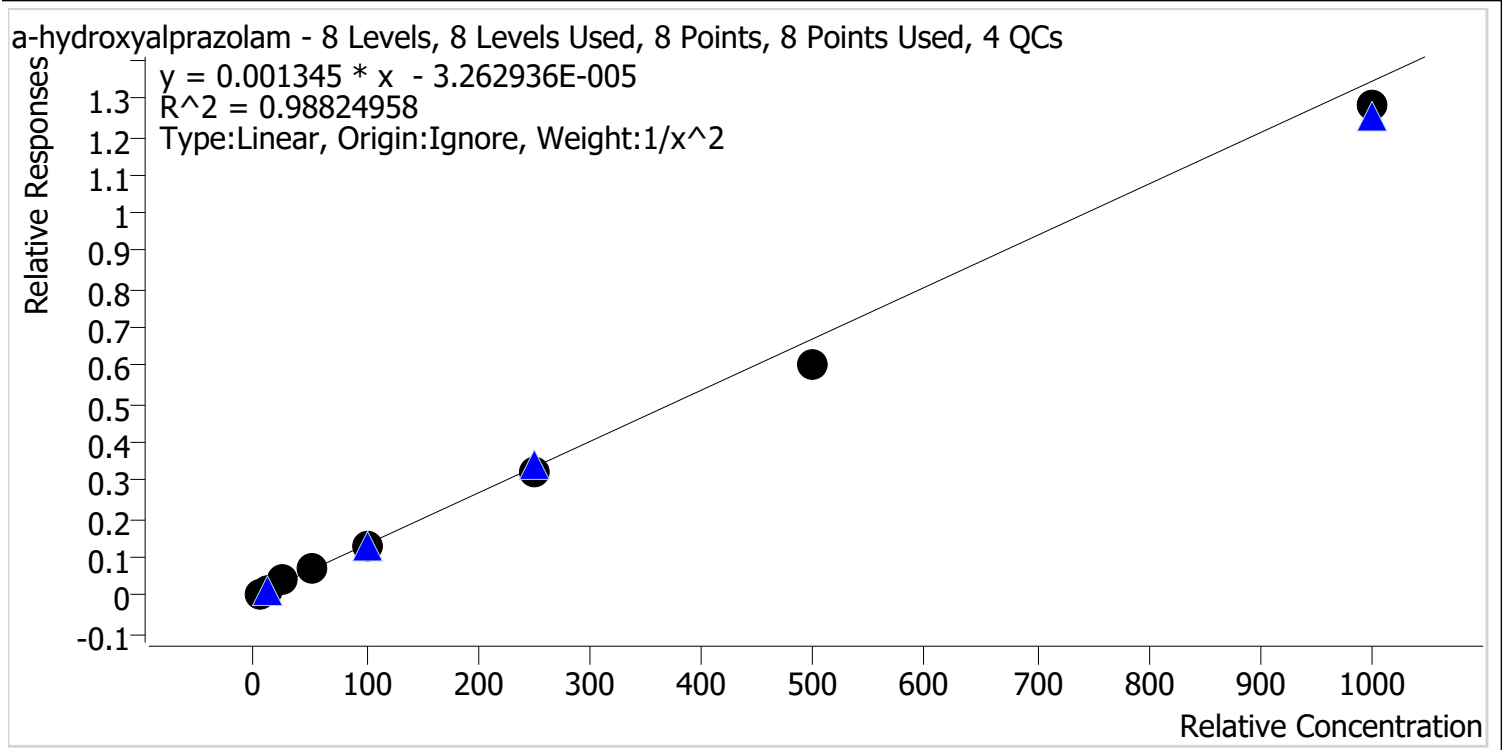


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	99.0
am 28 cal 2 mdq	2	✓	10.0	10.3	102.8
am 28 cal 3 mdq	3	✓	25.0	24.4	97.6
am 28 cal 4 mdq	4	✓	50.0	50.3	100.6
am 28 cal 5 mdq	5	✓	100.0	100.8	100.8
am28 cal 6 mdq	6	✓	250.0	252.2	100.9
am 28 cal 7 mdq	7	✓	500.0	499.6	99.9
am 28 cal 8 mdq	8	✓	1000.0	984.5	98.4

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



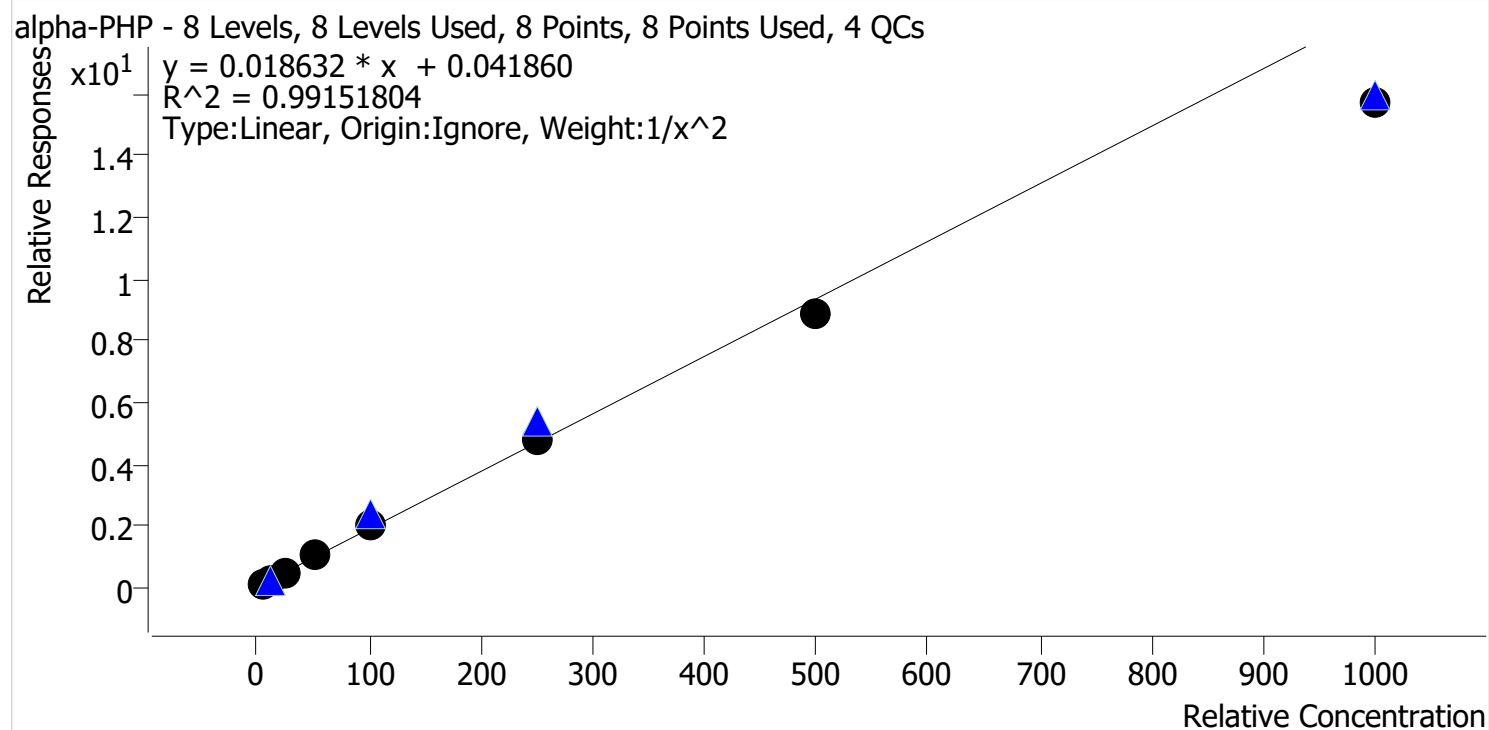
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.5	90.6
am 28 cal 2 mdq	2	✓	10.0	11.3	112.8
am 28 cal 3 mdq	3	✓	25.0	28.6	114.6
am 28 cal 4 mdq	4	✓	50.0	52.1	104.2
am 28 cal 5 mdq	5	✓	100.0	96.4	96.4
am28 cal 6 mdq	6	✓	250.0	239.1	95.7
am 28 cal 7 mdq	7	✓	500.0	452.4	90.5
am 28 cal 8 mdq	8	✓	1000.0	952.6	95.3

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PHP

**Internal Standard** Bupropion-D9



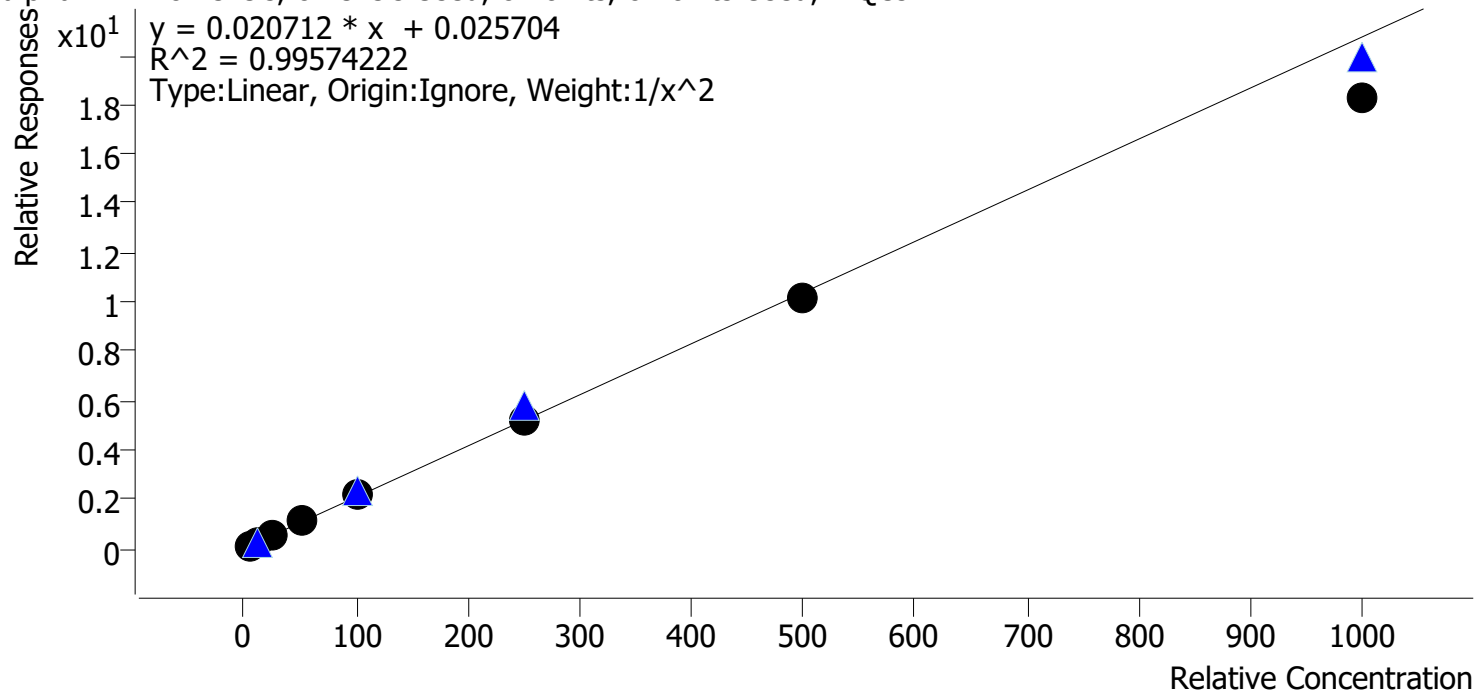
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	95.3
am 28 cal 2 mdq	2	✓	10.0	10.6	106.4
am 28 cal 3 mdq	3	✓	25.0	25.8	103.3
am 28 cal 4 mdq	4	✓	50.0	52.8	105.5
am 28 cal 5 mdq	5	✓	100.0	108.0	108.0
am28 cal 6 mdq	6	✓	250.0	256.7	102.7
am 28 cal 7 mdq	7	✓	500.0	473.3	94.7
am 28 cal 8 mdq	8	✓	1000.0	842.5	84.2

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-d8

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



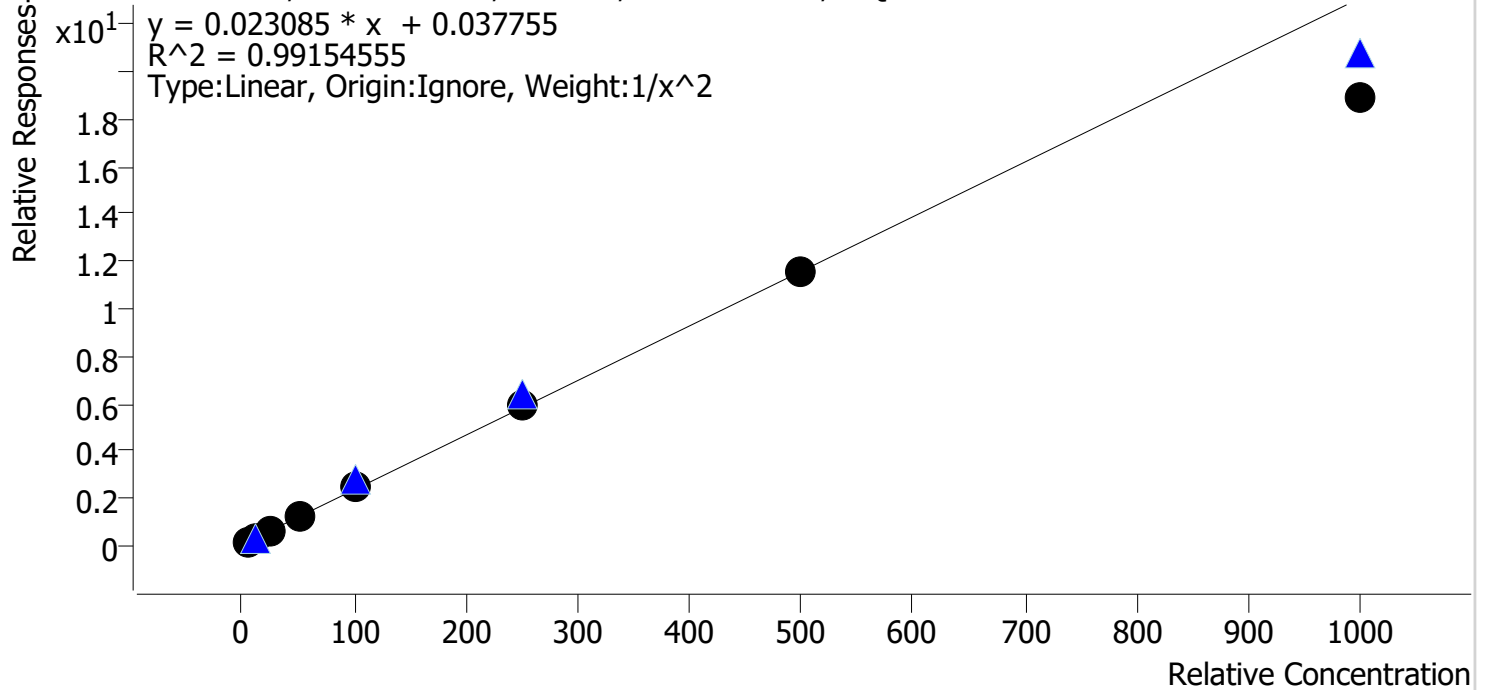
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.5
am 28 cal 2 mdq	2	✓	10.0	10.5	104.8
am 28 cal 3 mdq	3	✓	25.0	25.6	102.6
am 28 cal 4 mdq	4	✓	50.0	52.0	103.9
am 28 cal 5 mdq	5	✓	100.0	104.7	104.7
am28 cal 6 mdq	6	✓	250.0	252.6	101.0
am 28 cal 7 mdq	7	✓	500.0	492.2	98.4
am 28 cal 8 mdq	8	✓	1000.0	880.5	88.1

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5

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

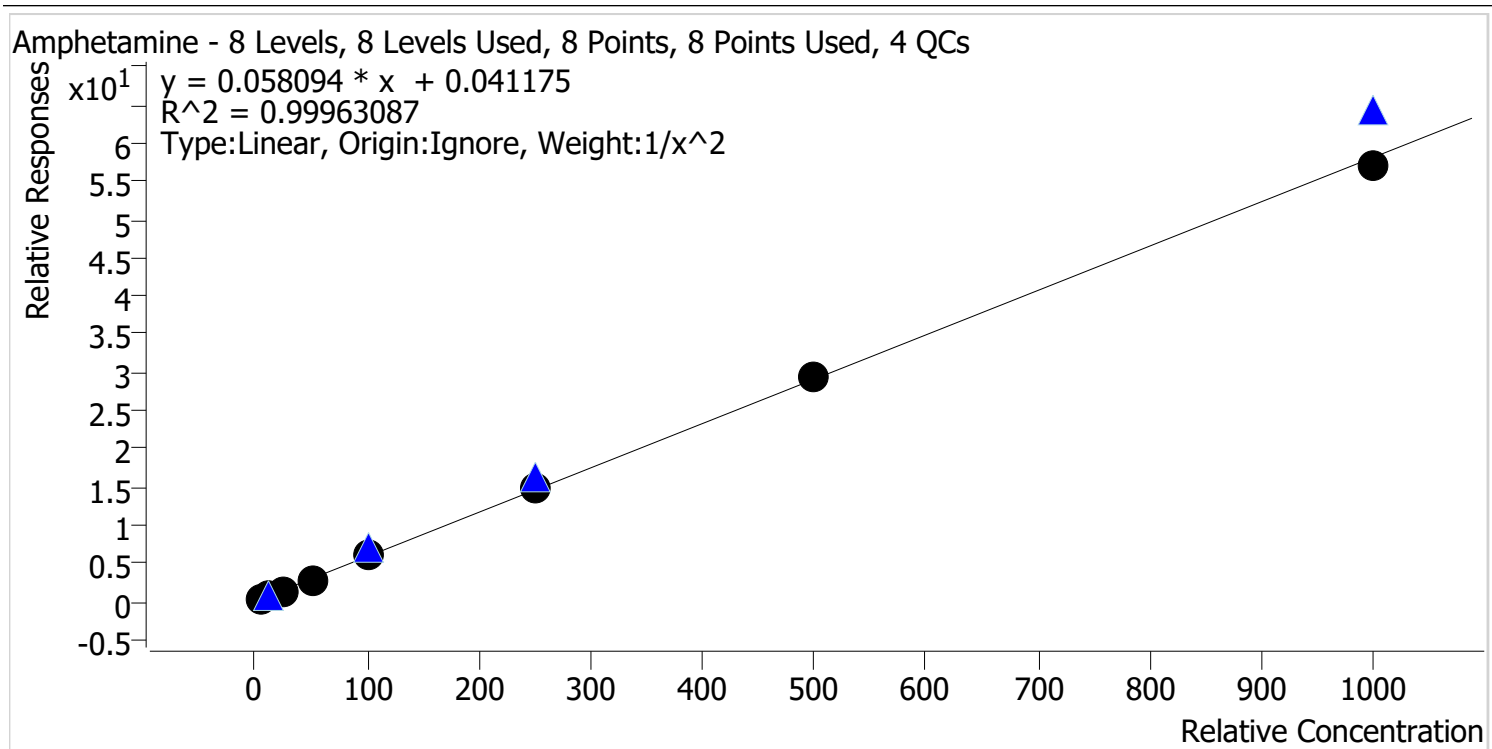


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.9
am 28 cal 2 mdq	2	✓	10.0	10.1	101.1
am 28 cal 3 mdq	3	✓	25.0	25.9	103.6
am 28 cal 4 mdq	4	✓	50.0	52.3	104.5
am 28 cal 5 mdq	5	✓	100.0	108.3	108.3
am28 cal 6 mdq	6	✓	250.0	256.3	102.5
am 28 cal 7 mdq	7	✓	500.0	501.4	100.3
am 28 cal 8 mdq	8	✓	1000.0	817.1	81.7

# Compound Calibration Report

*Boylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11



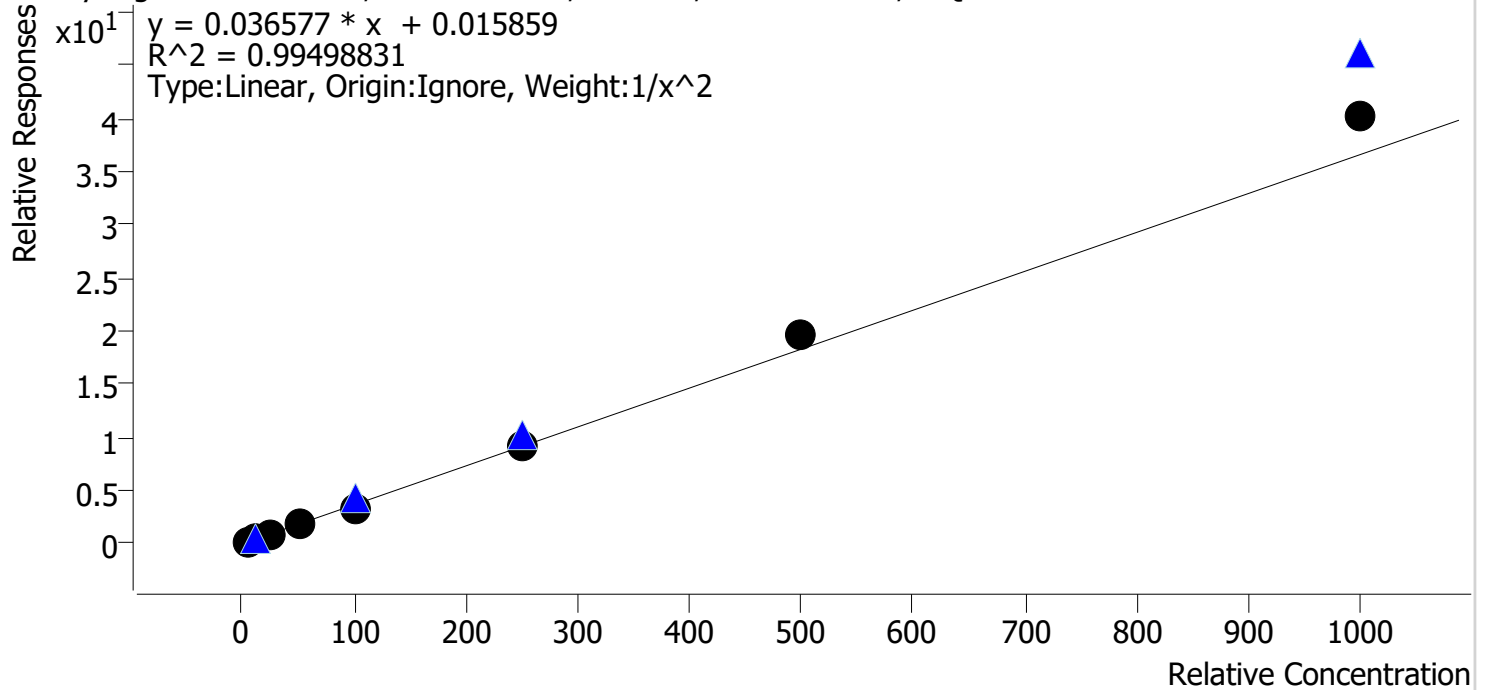
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.8
am 28 cal 2 mdq	2	✓	10.0	9.9	99.1
am 28 cal 3 mdq	3	✓	25.0	24.5	97.9
am 28 cal 4 mdq	4	✓	50.0	49.5	99.0
am 28 cal 5 mdq	5	✓	100.0	102.9	102.9
am28 cal 6 mdq	6	✓	250.0	250.6	100.3
am 28 cal 7 mdq	7	✓	500.0	507.0	101.4
am 28 cal 8 mdq	8	✓	1000.0	985.2	98.5

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



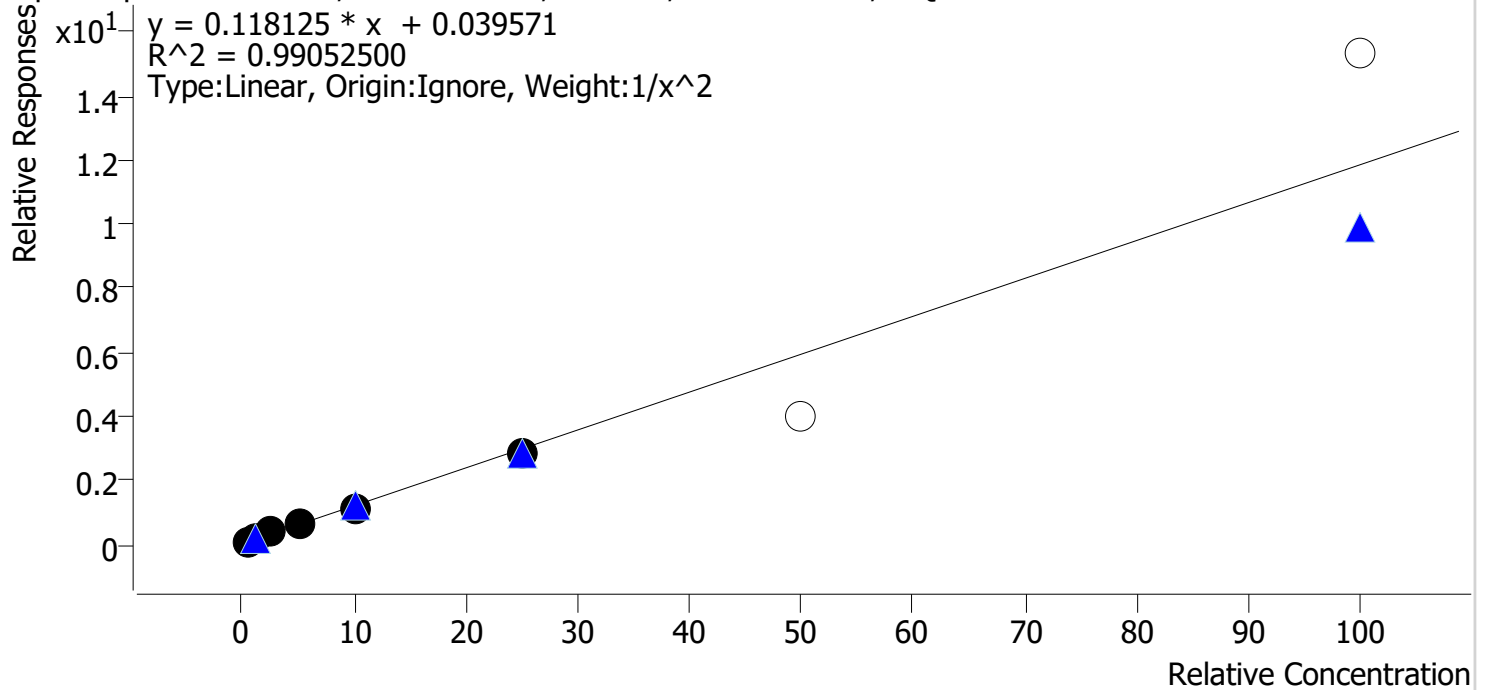
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	103.0
am 28 cal 2 mdq	2	✓	10.0	9.8	98.4
am 28 cal 3 mdq	3	✓	25.0	22.9	91.8
am 28 cal 4 mdq	4	✓	50.0	48.2	96.5
am 28 cal 5 mdq	5	✓	100.0	93.7	93.7
am28 cal 6 mdq	6	✓	250.0	251.0	100.4
am 28 cal 7 mdq	7	✓	500.0	532.9	106.6
am 28 cal 8 mdq	8	✓	1000.0	1095.9	109.6

# Compound Calibration Report

*Bylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	0.5	0.5	101.4
am 28 cal 2 mdq	2	✓	1.0	0.9	92.1
am 28 cal 3 mdq	3	✓	2.5	2.8	112.6
am 28 cal 4 mdq	4	✓	5.0	5.2	104.9
am 28 cal 5 mdq	5	✓	10.0	9.2	92.3
am28 cal 6 mdq	6	✓	25.0	24.2	96.8
am 28 cal 7 mdq	7	x	50.0	34.0	68.1
am 28 cal 8 mdq	8	x	100.0	129.3	129.3

Cal 7 & 8 dropped- accuracy outside acceptable range

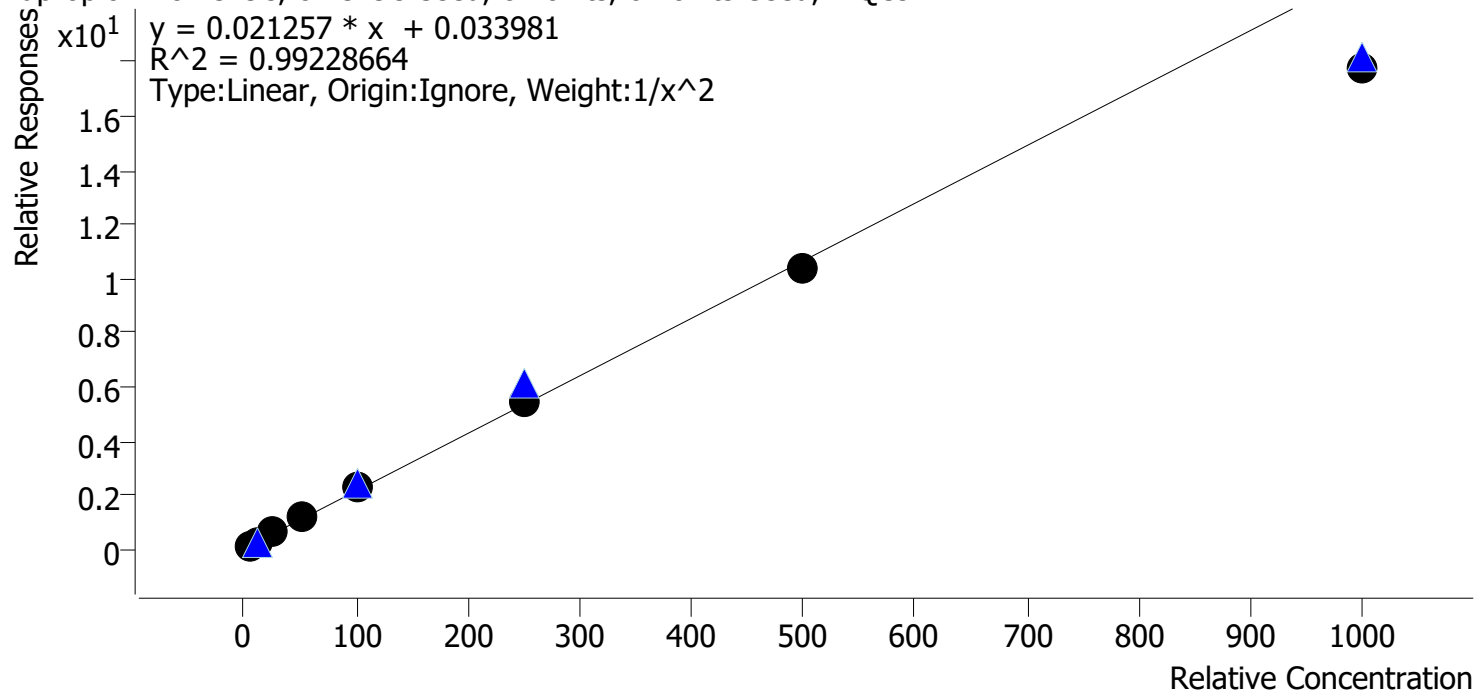


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.5
am 28 cal 2 mdq	2	✓	10.0	10.3	103.1
am 28 cal 3 mdq	3	✓	25.0	26.4	105.8
am 28 cal 4 mdq	4	✓	50.0	52.5	104.9
am 28 cal 5 mdq	5	✓	100.0	107.2	107.2
am28 cal 6 mdq	6	✓	250.0	254.4	101.7
am 28 cal 7 mdq	7	✓	500.0	484.9	97.0
am 28 cal 8 mdq	8	✓	1000.0	837.0	83.7

# Compound Calibration Report

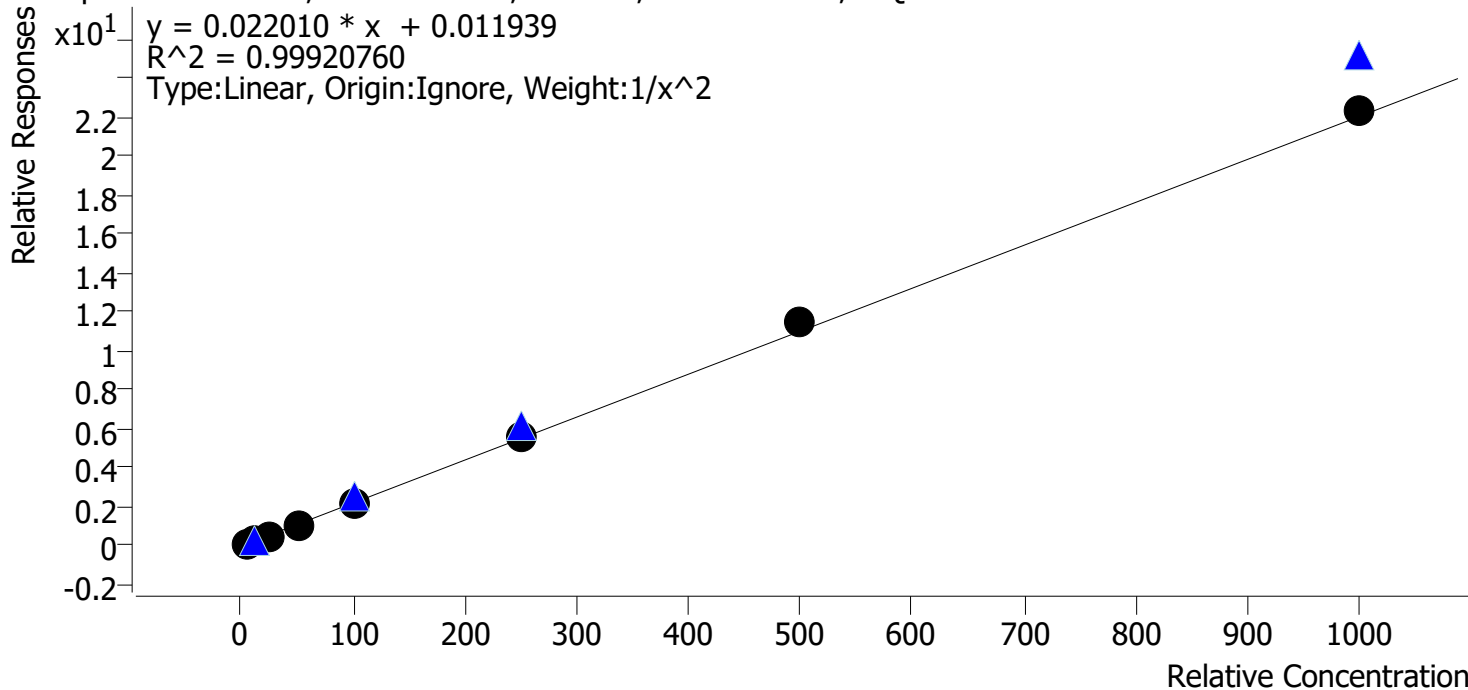
*Byelee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol

**Internal Standard**

**Carisoprodol-D7**

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



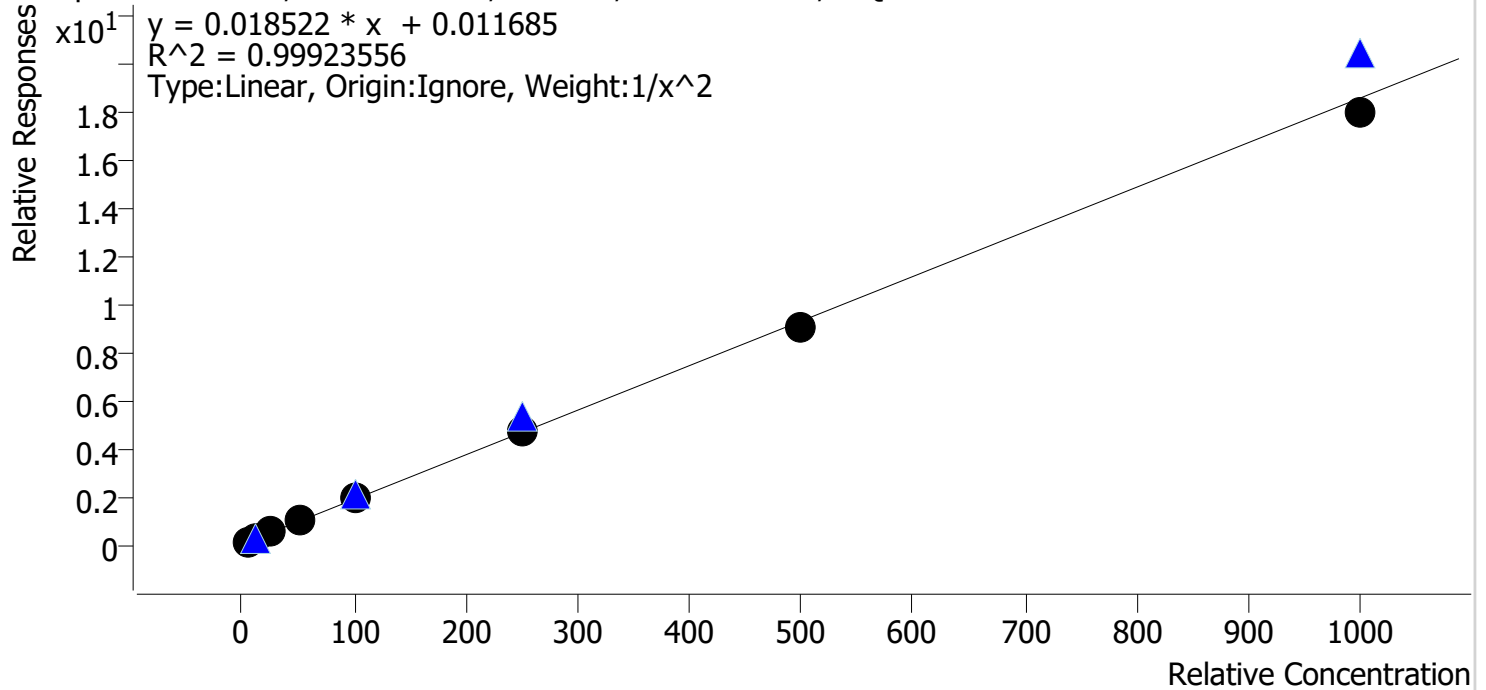
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	102.1
am 28 cal 2 mdq	2	✓	10.0	9.7	97.2
am 28 cal 3 mdq	3	✓	25.0	24.3	97.2
am 28 cal 4 mdq	4	✓	50.0	49.7	99.4
am 28 cal 5 mdq	5	✓	100.0	97.9	97.9
am28 cal 6 mdq	6	✓	250.0	253.5	101.4
am 28 cal 7 mdq	7	✓	500.0	518.6	103.7
am 28 cal 8 mdq	8	✓	1000.0	1011.5	101.2

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6

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



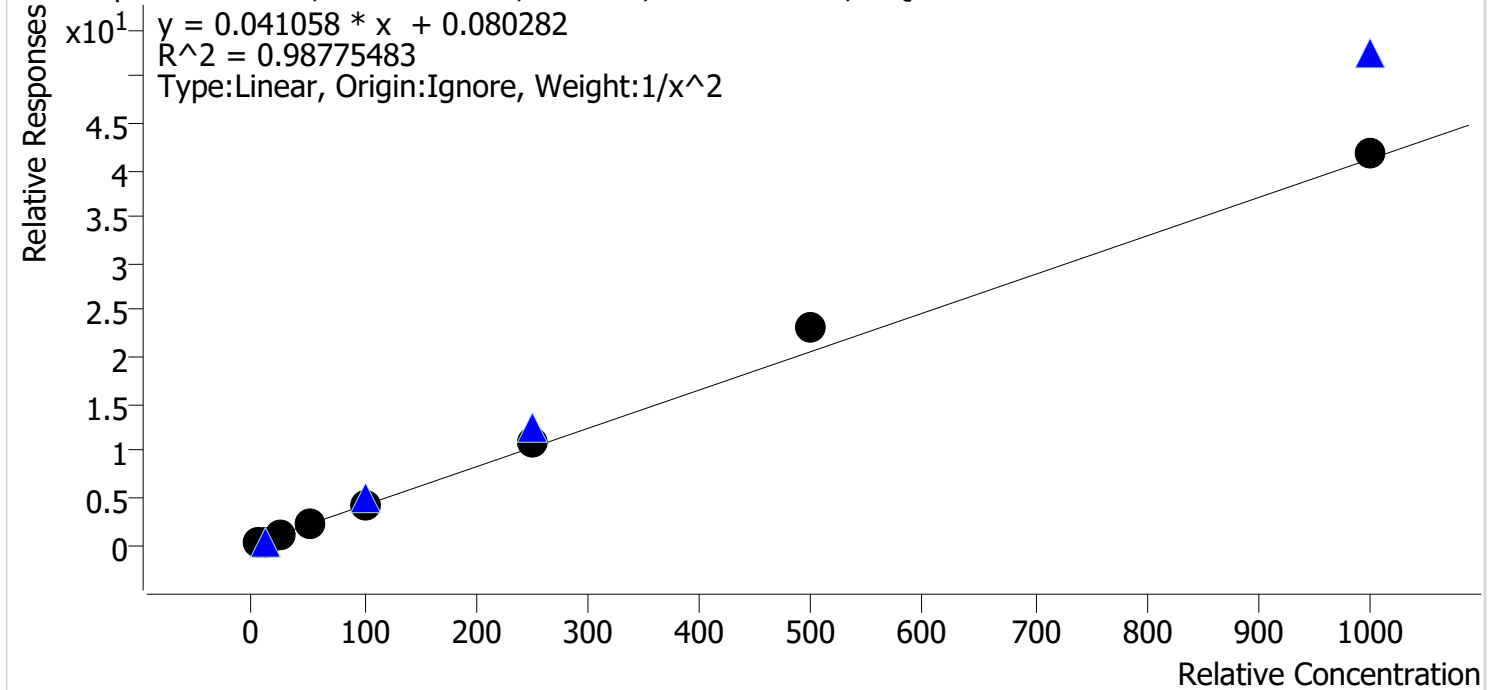
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.9
am 28 cal 2 mdq	2	✓	10.0	10.0	100.3
am 28 cal 3 mdq	3	✓	25.0	24.4	97.8
am 28 cal 4 mdq	4	✓	50.0	51.4	102.9
am 28 cal 5 mdq	5	✓	100.0	102.0	102.0
am28 cal 6 mdq	6	✓	250.0	256.7	102.7
am 28 cal 7 mdq	7	✓	500.0	486.5	97.3
am 28 cal 8 mdq	8	✓	1000.0	971.0	97.1

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4

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

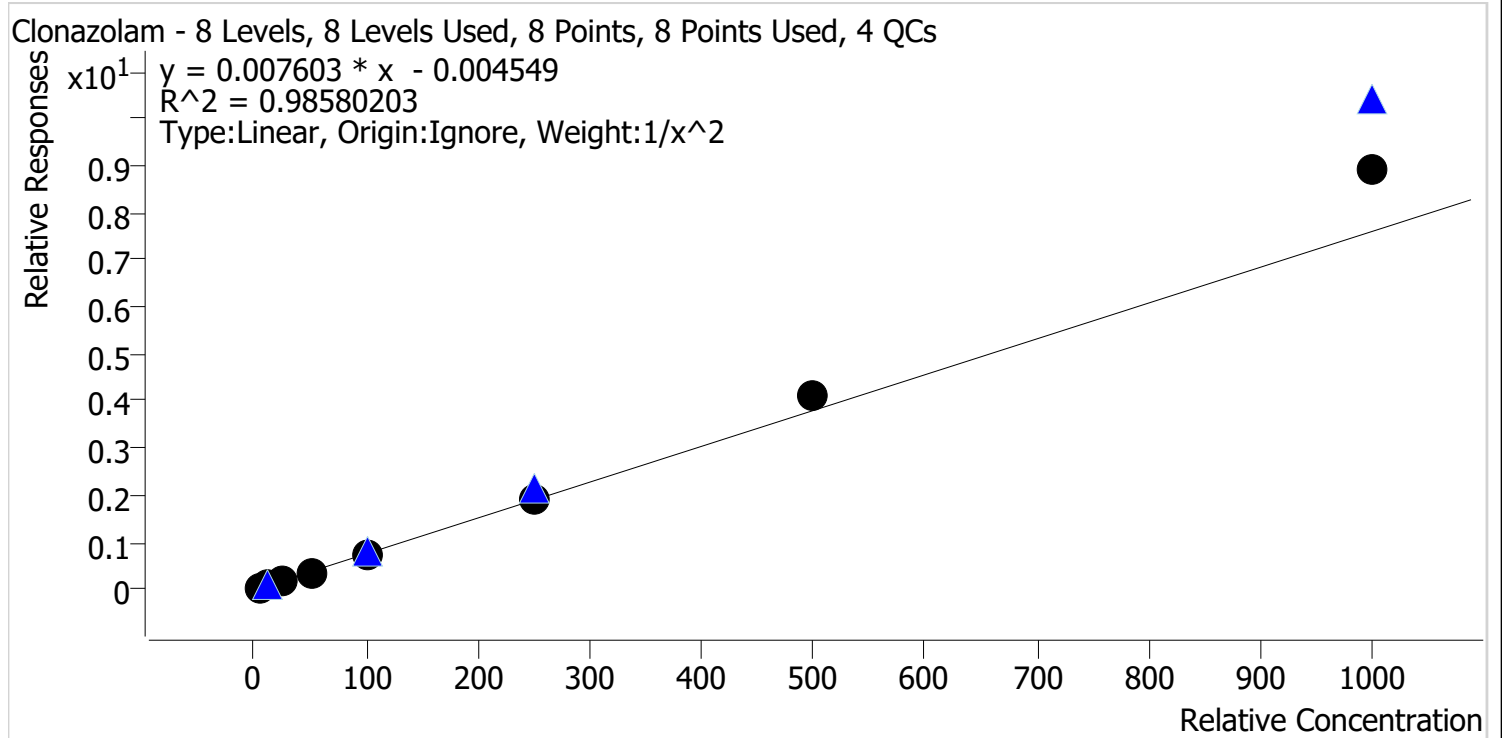


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.5	109.9
am 28 cal 2 mdq	2	✓	10.0	8.4	83.9
am 28 cal 3 mdq	3	✓	25.0	23.1	92.3
am 28 cal 4 mdq	4	✓	50.0	47.6	95.2
am 28 cal 5 mdq	5	✓	100.0	97.7	97.7
am28 cal 6 mdq	6	✓	250.0	268.2	107.3
am 28 cal 7 mdq	7	✓	500.0	562.5	112.5
am 28 cal 8 mdq	8	✓	1000.0	1011.1	101.1

Evaluated Qualitatively due to QC accuracy out of range

## Compound Calibration Report

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.4	107.3
am 28 cal 2 mdq	2	✓	10.0	9.3	92.6
am 28 cal 3 mdq	3	✓	25.0	21.8	87.4
am 28 cal 4 mdq	4	✓	50.0	44.7	89.5
am 28 cal 5 mdq	5	✓	100.0	96.2	96.2
am28 cal 6 mdq	6	✓	250.0	253.4	101.4
am 28 cal 7 mdq	7	✓	500.0	544.8	109.0
am 28 cal 8 mdq	8	✓	1000.0	1168.3	116.8

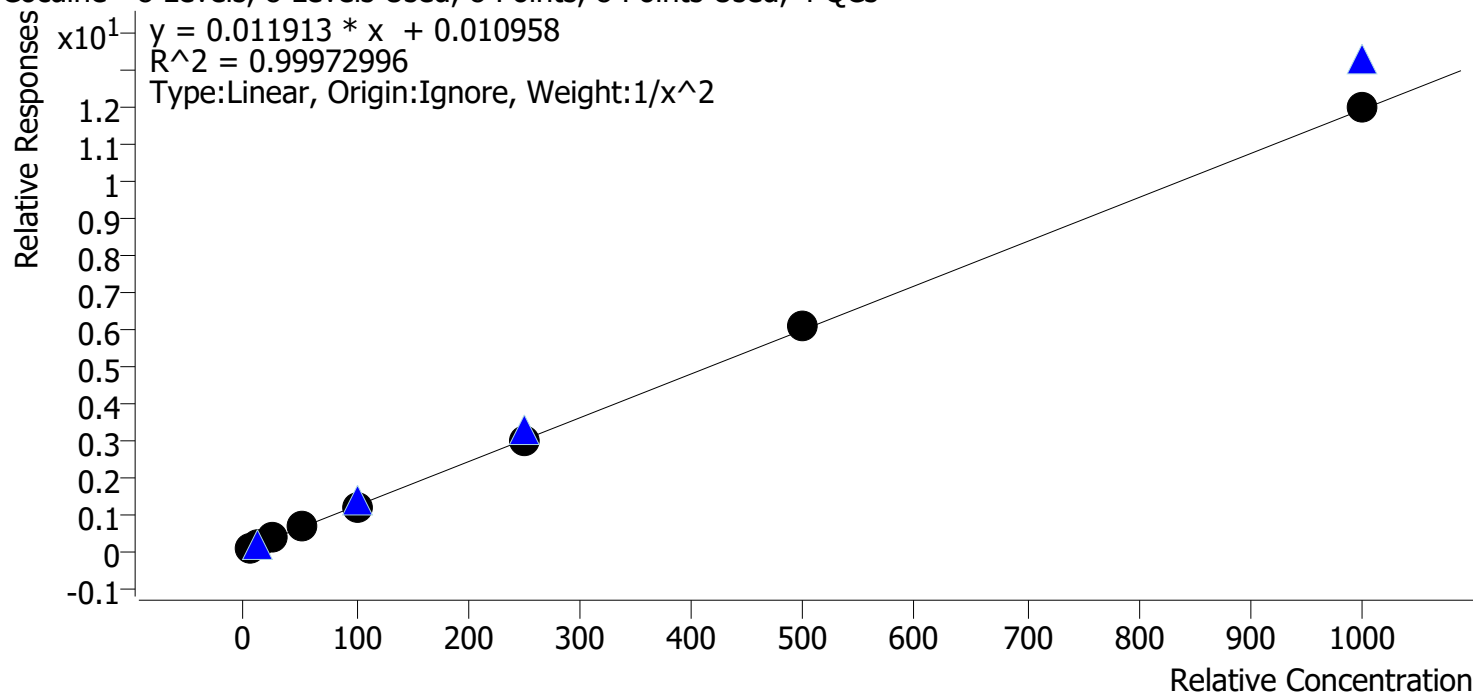
# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cocaine

**Internal Standard** Cocaine-d3

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



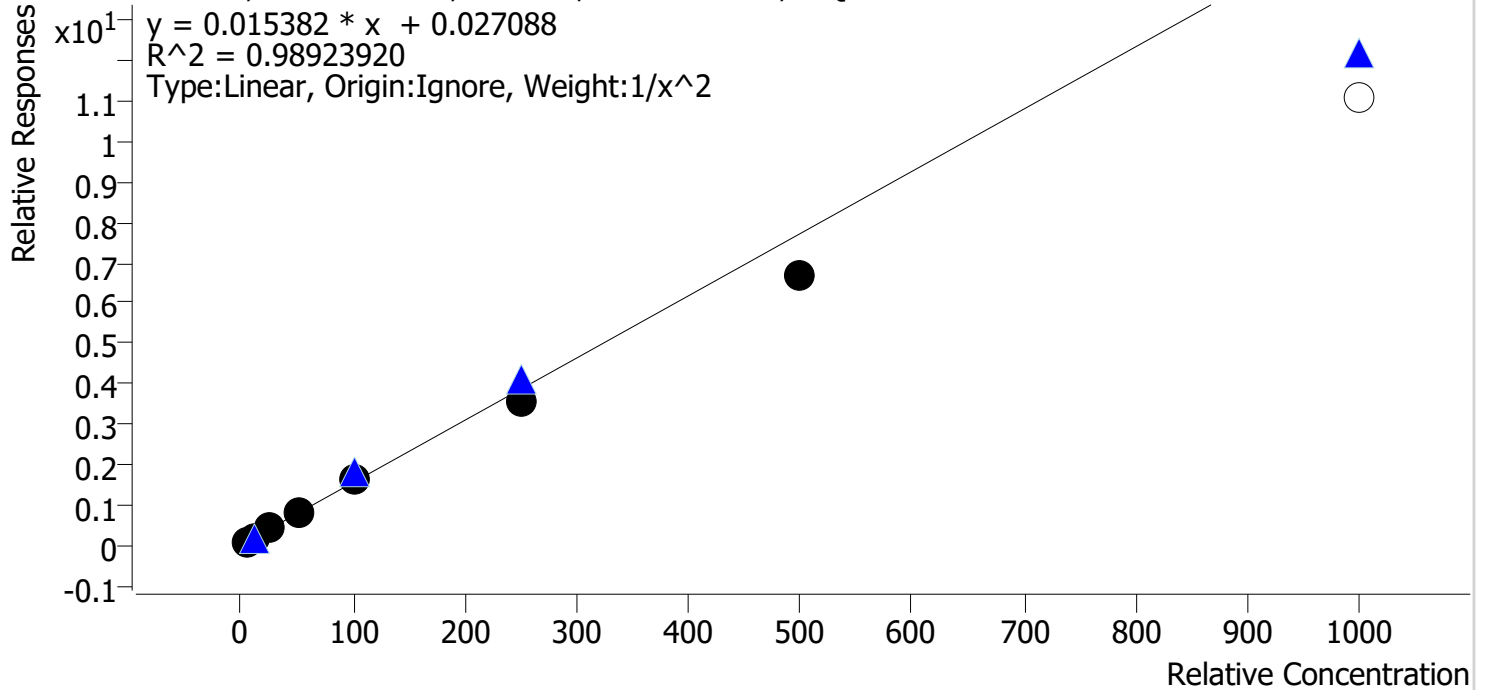
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.5
am 28 cal 2 mdq	2	✓	10.0	9.9	99.0
am 28 cal 3 mdq	3	✓	25.0	25.0	100.0
am 28 cal 4 mdq	4	✓	50.0	50.5	101.0
am 28 cal 5 mdq	5	✓	100.0	97.2	97.2
am28 cal 6 mdq	6	✓	250.0	249.3	99.7
am 28 cal 7 mdq	7	✓	500.0	508.7	101.7
am 28 cal 8 mdq	8	✓	1000.0	1008.7	100.9

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	95.1
am 28 cal 2 mdq	2	✓	10.0	10.5	104.8
am 28 cal 3 mdq	3	✓	25.0	27.2	109.0
am 28 cal 4 mdq	4	✓	50.0	53.7	107.5
am 28 cal 5 mdq	5	✓	100.0	105.3	105.3
am28 cal 6 mdq	6	✓	250.0	230.9	92.3
am 28 cal 7 mdq	7	✓	500.0	430.0	86.0
am 28 cal 8 mdq	8	x	1000.0	718.7	71.9

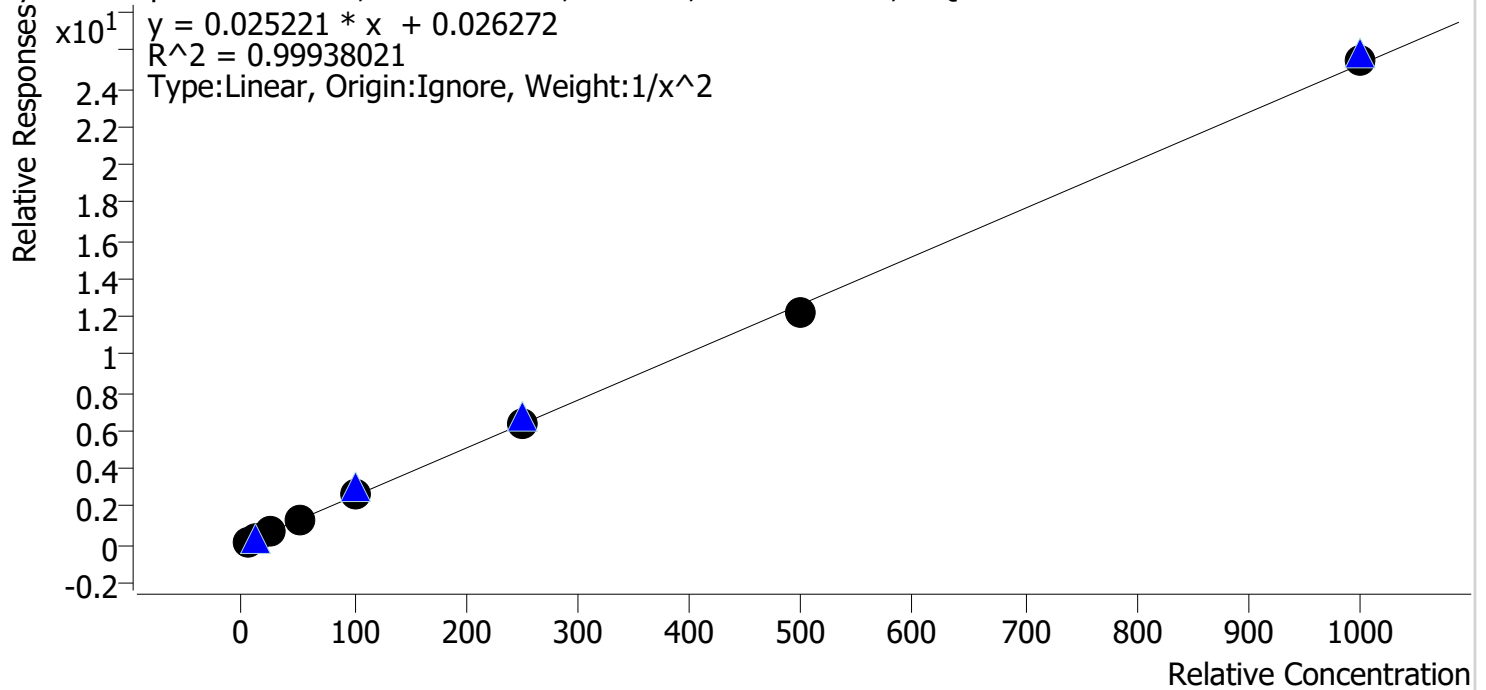
Cal 8 dropped- accuracy outside acceptable range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.3
am 28 cal 2 mdq	2	✓	10.0	10.4	103.9
am 28 cal 3 mdq	3	✓	25.0	24.6	98.4
am 28 cal 4 mdq	4	✓	50.0	50.1	100.1
am 28 cal 5 mdq	5	✓	100.0	101.8	101.8
am28 cal 6 mdq	6	✓	250.0	248.7	99.5
am 28 cal 7 mdq	7	✓	500.0	485.7	97.1
am 28 cal 8 mdq	8	✓	1000.0	1008.4	100.8

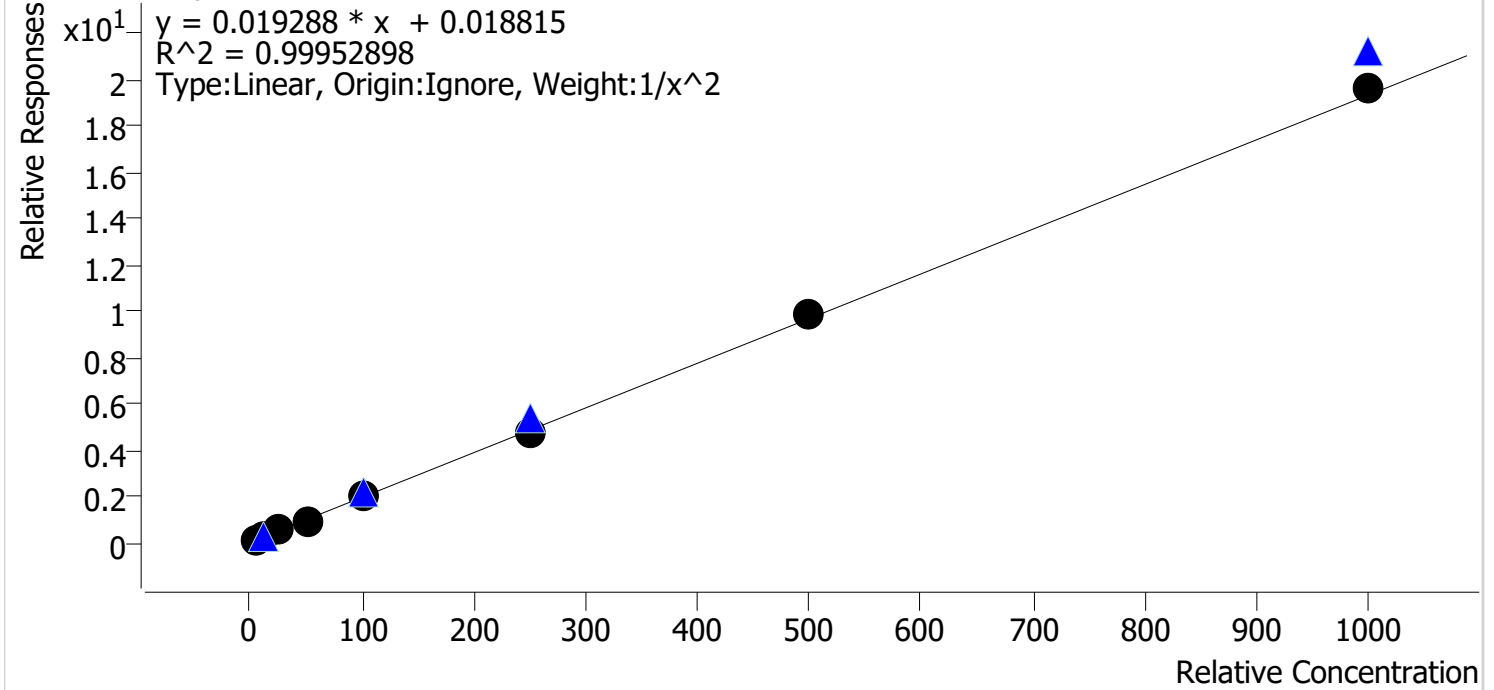


# Compound Calibration Report

Byylee

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



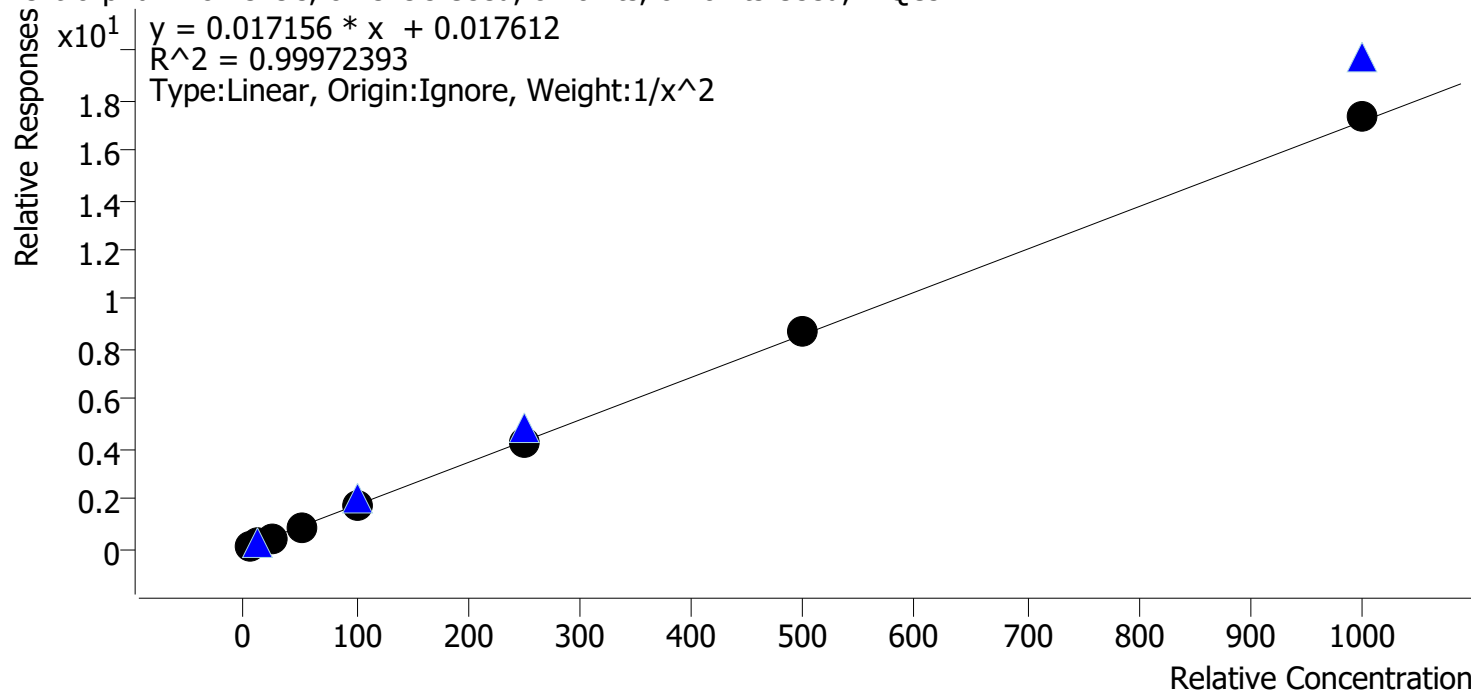
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.1
am 28 cal 2 mdq	2	✓	10.0	10.3	102.7
am 28 cal 3 mdq	3	✓	25.0	24.6	98.5
am 28 cal 4 mdq	4	✓	50.0	48.9	97.9
am 28 cal 5 mdq	5	✓	100.0	100.7	100.7
am28 cal 6 mdq	6	✓	250.0	244.7	97.9
am 28 cal 7 mdq	7	✓	500.0	507.4	101.5
am 28 cal 8 mdq	8	✓	1000.0	1016.5	101.6

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextrorphan **Internal Standard** Dextrorphan-D3

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



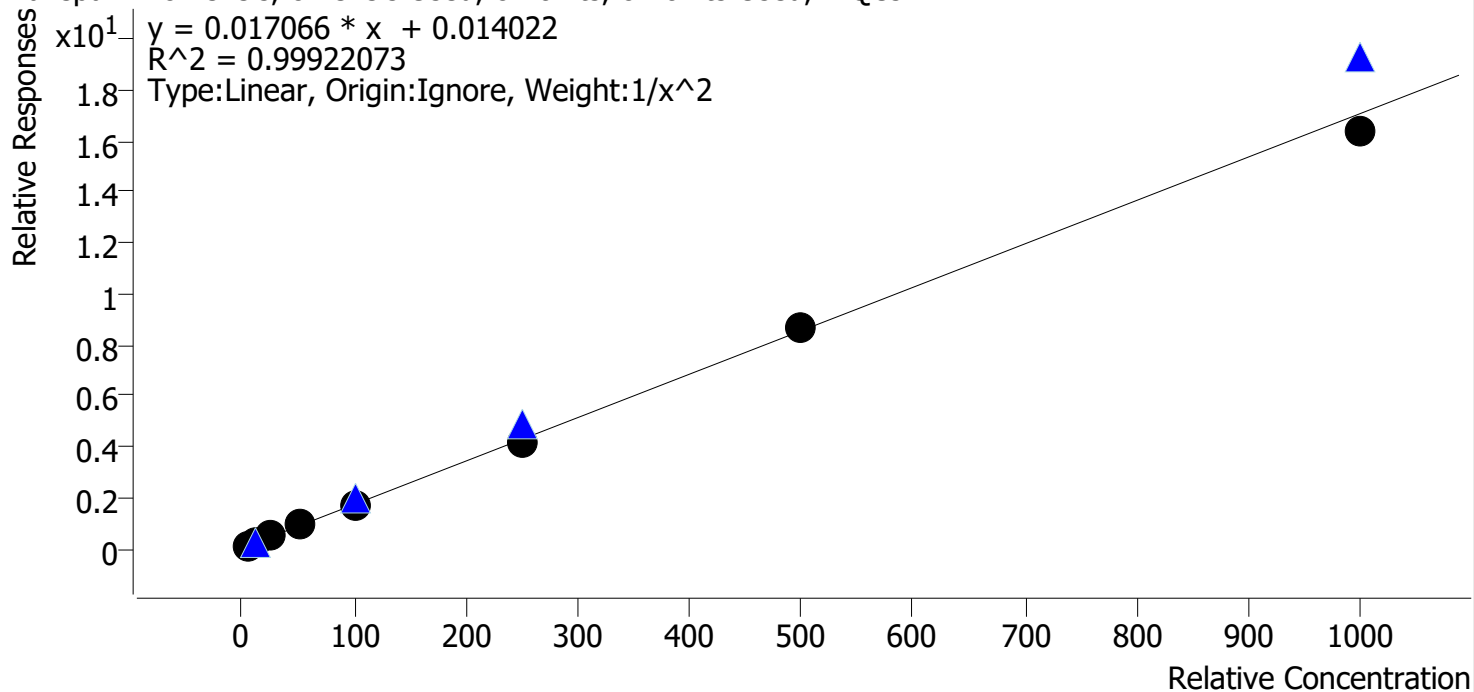
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.6
am 28 cal 2 mdq	2	✓	10.0	10.2	101.9
am 28 cal 3 mdq	3	✓	25.0	24.4	97.7
am 28 cal 4 mdq	4	✓	50.0	49.6	99.1
am 28 cal 5 mdq	5	✓	100.0	99.7	99.7
am28 cal 6 mdq	6	✓	250.0	247.9	99.1
am 28 cal 7 mdq	7	✓	500.0	507.2	101.4
am 28 cal 8 mdq	8	✓	1000.0	1014.1	101.4

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5

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



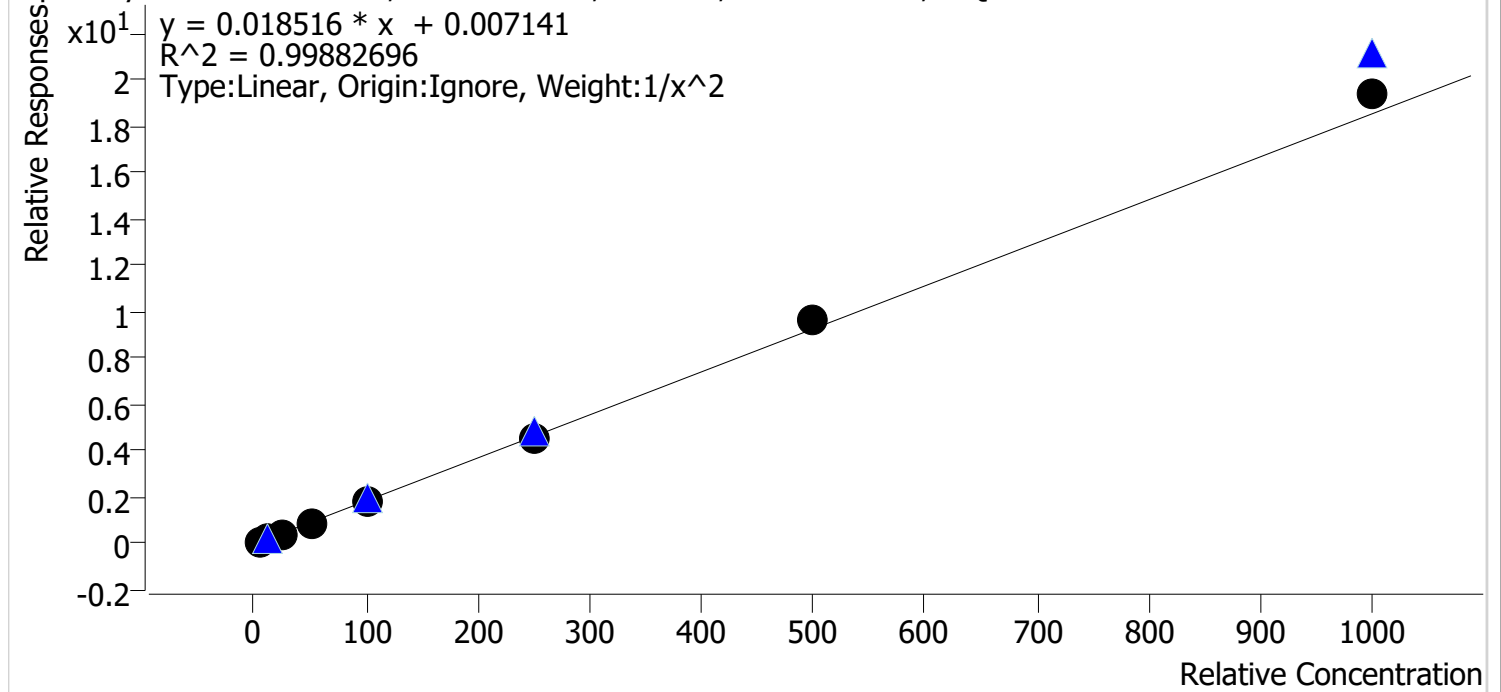
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.5
am 28 cal 2 mdq	2	✓	10.0	9.8	97.6
am 28 cal 3 mdq	3	✓	25.0	25.6	102.4
am 28 cal 4 mdq	4	✓	50.0	51.0	102.0
am 28 cal 5 mdq	5	✓	100.0	101.0	101.0
am28 cal 6 mdq	6	✓	250.0	246.4	98.6
am 28 cal 7 mdq	7	✓	500.0	510.7	102.1
am 28 cal 8 mdq	8	✓	1000.0	957.8	95.8

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



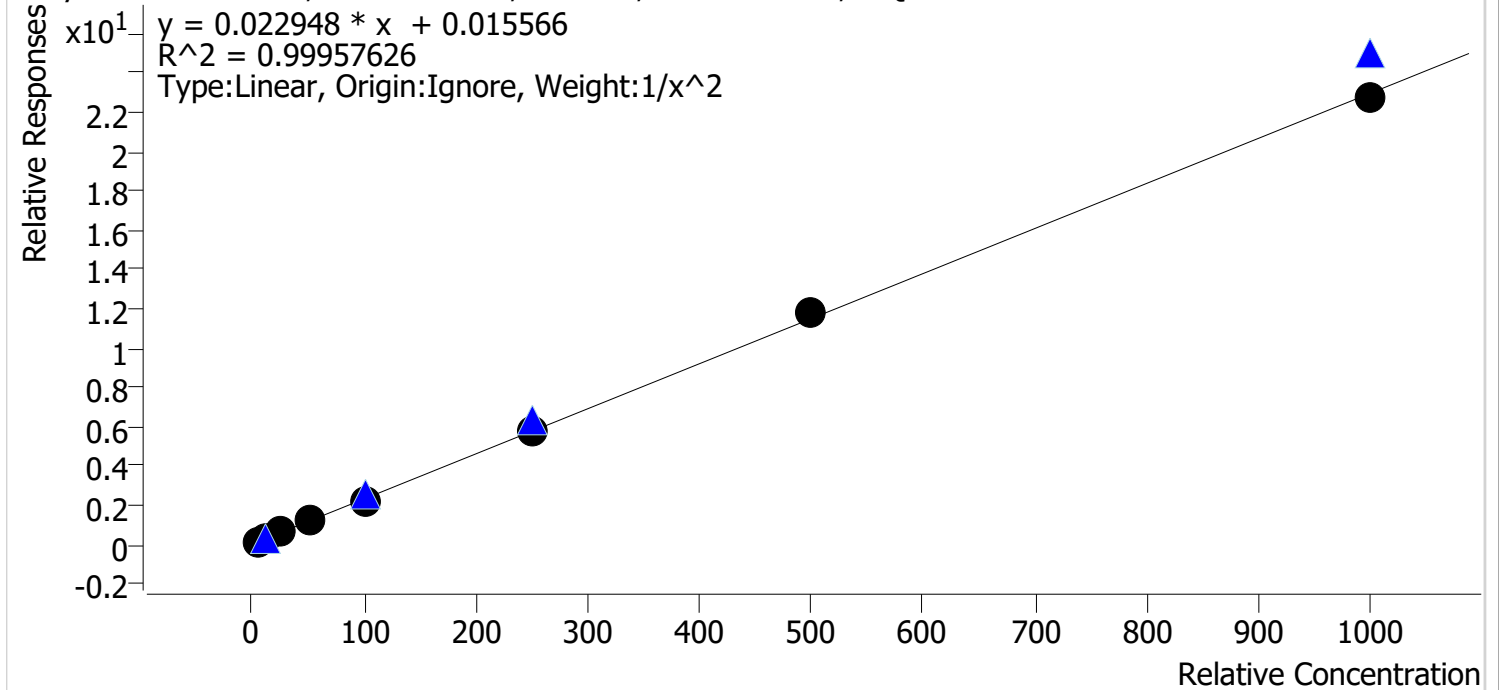
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.9
am 28 cal 2 mdq	2	✓	10.0	10.0	100.0
am 28 cal 3 mdq	3	✓	25.0	24.4	97.6
am 28 cal 4 mdq	4	✓	50.0	48.5	97.0
am 28 cal 5 mdq	5	✓	100.0	96.7	96.7
am28 cal 6 mdq	6	✓	250.0	248.5	99.4
am 28 cal 7 mdq	7	✓	500.0	519.7	103.9
am 28 cal 8 mdq	8	✓	1000.0	1044.5	104.4

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5

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



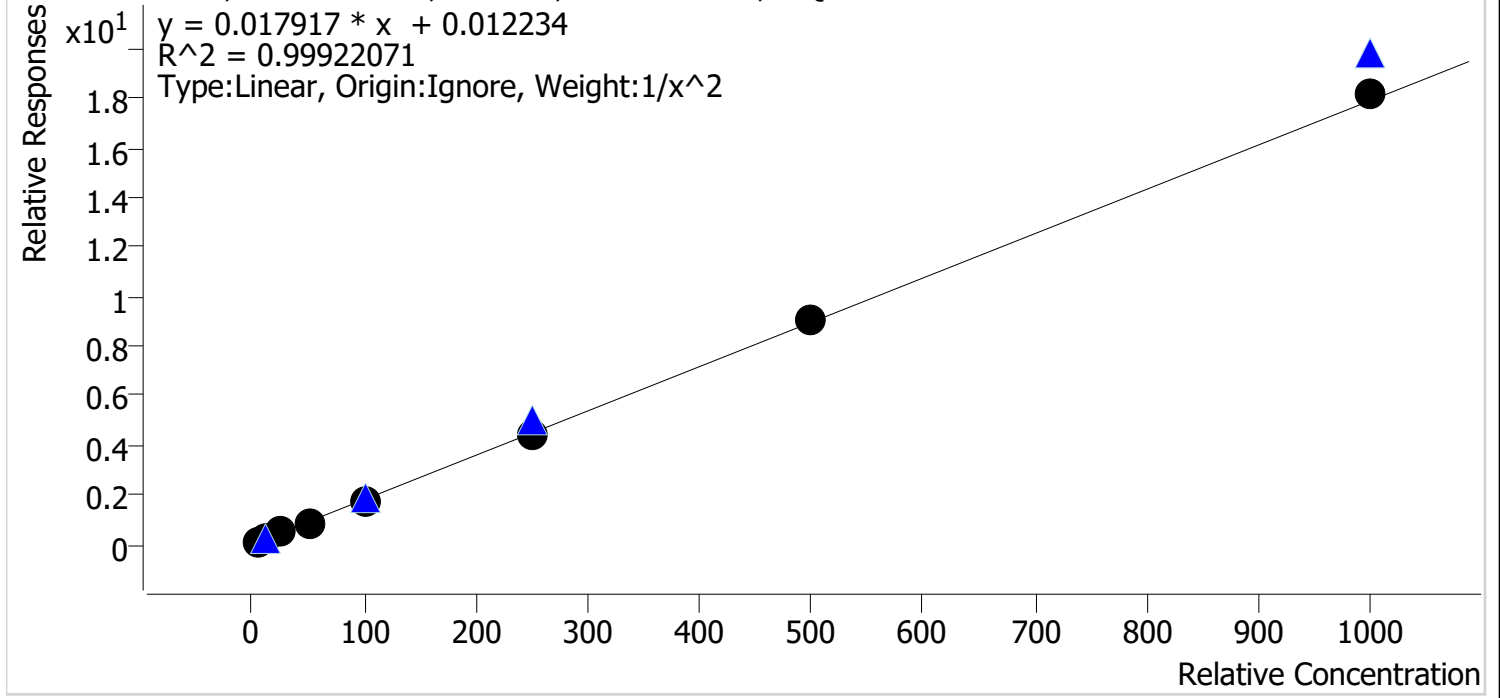
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.2
am 28 cal 2 mdq	2	✓	10.0	10.2	102.2
am 28 cal 3 mdq	3	✓	25.0	24.7	98.7
am 28 cal 4 mdq	4	✓	50.0	50.1	100.1
am 28 cal 5 mdq	5	✓	100.0	97.6	97.6
am28 cal 6 mdq	6	✓	250.0	249.6	99.8
am 28 cal 7 mdq	7	✓	500.0	514.8	103.0
am 28 cal 8 mdq	8	✓	1000.0	993.3	99.3

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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



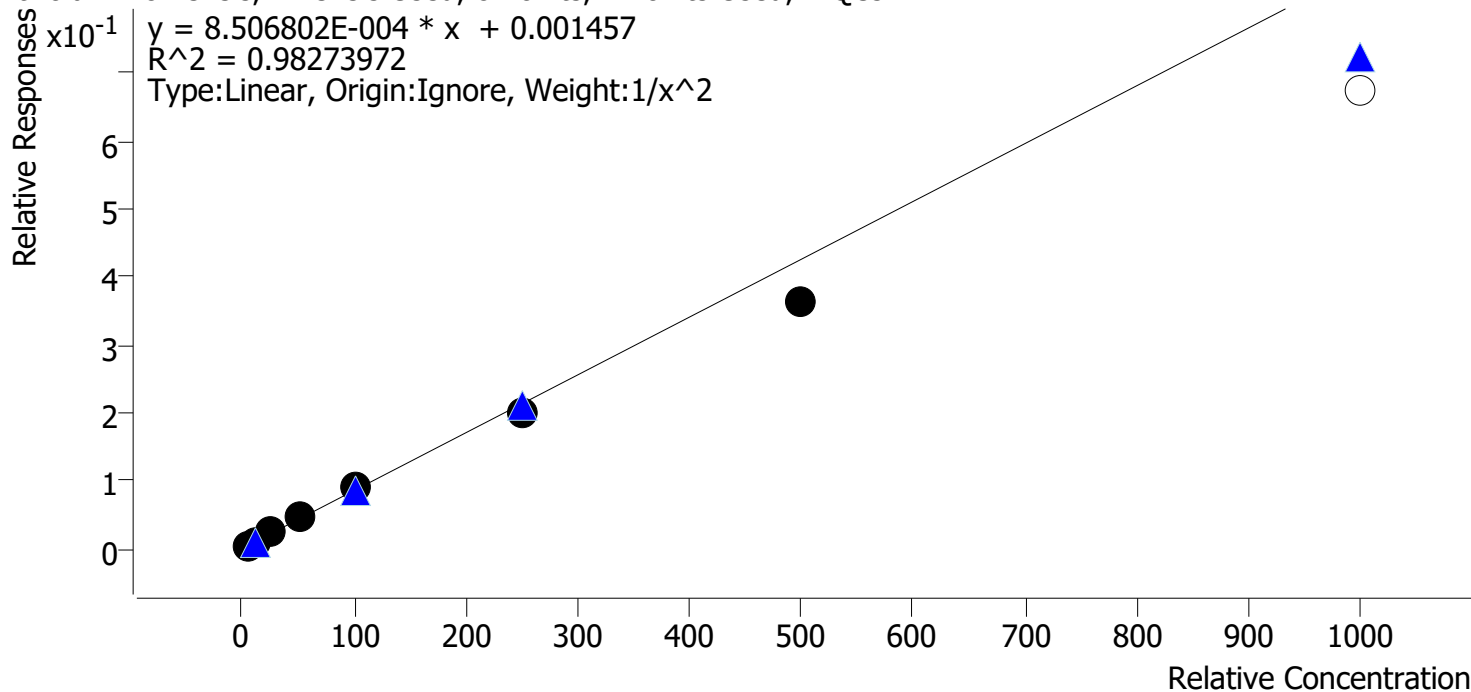
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.4
am 28 cal 2 mdq	2	✓	10.0	10.3	103.0
am 28 cal 3 mdq	3	✓	25.0	25.7	102.7
am 28 cal 4 mdq	4	✓	50.0	48.6	97.3
am 28 cal 5 mdq	5	✓	100.0	97.0	97.0
am28 cal 6 mdq	6	✓	250.0	247.2	98.9
am 28 cal 7 mdq	7	✓	500.0	503.7	100.7
am 28 cal 8 mdq	8	✓	1000.0	1019.6	102.0

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Etizolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.5	89.7
am 28 cal 2 mdq	2	✓	10.0	11.8	117.9
am 28 cal 3 mdq	3	✓	25.0	26.2	104.7
am 28 cal 4 mdq	4	✓	50.0	52.4	104.8
am 28 cal 5 mdq	5	✓	100.0	104.7	104.7
am28 cal 6 mdq	6	✓	250.0	231.2	92.5
am 28 cal 7 mdq	7	✓	500.0	428.8	85.8
am 28 cal 8 mdq	8	✗	1000.0	794.9	79.5

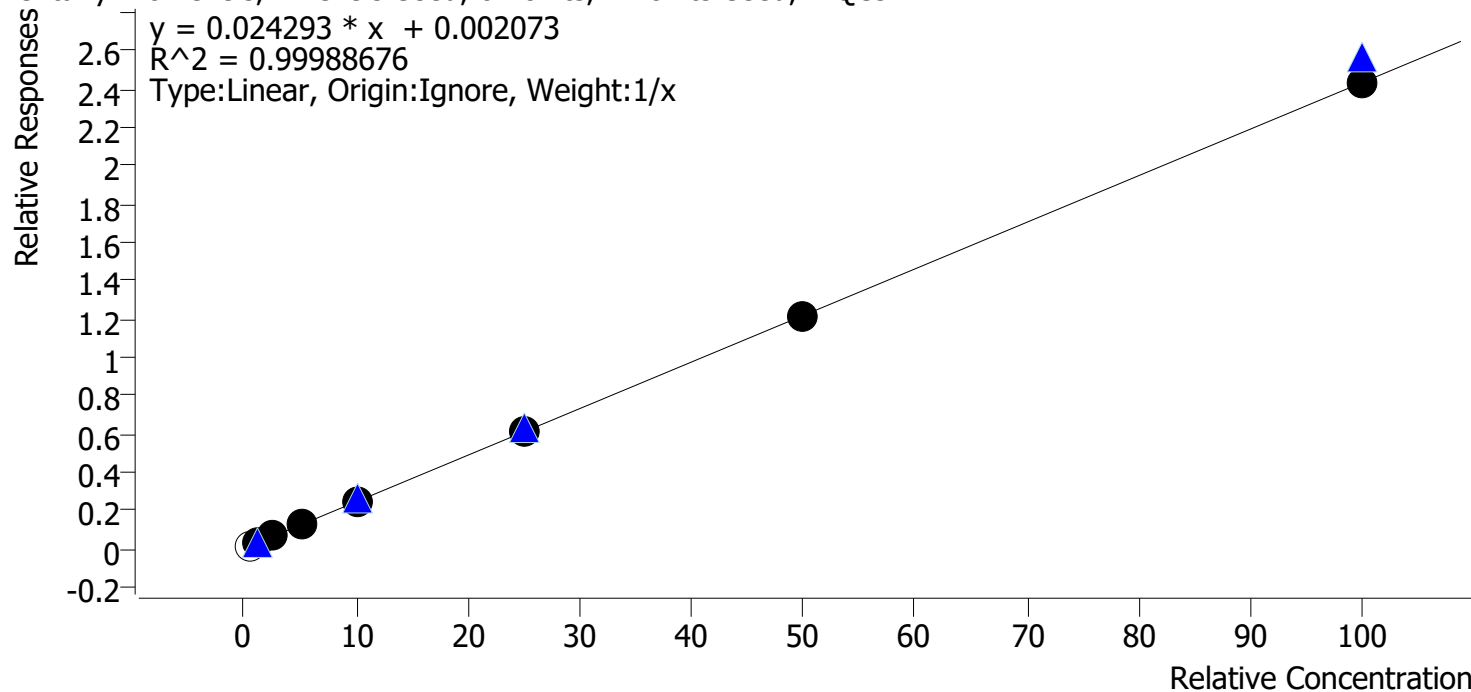
Cal 8 dropped- accuracy outside acceptable range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	x	0.5	0.6	113.0
am 28 cal 2 mdq	2	✓	1.0	1.0	101.6
am 28 cal 3 mdq	3	✓	2.5	2.4	96.9
am 28 cal 4 mdq	4	✓	5.0	5.1	101.3
am 28 cal 5 mdq	5	✓	10.0	9.9	99.4
am28 cal 6 mdq	6	✓	25.0	25.4	101.7
am 28 cal 7 mdq	7	✓	50.0	49.4	98.8
am 28 cal 8 mdq	8	✓	100.0	100.2	100.2

Cal 1 dropped- ratio outside acceptable range

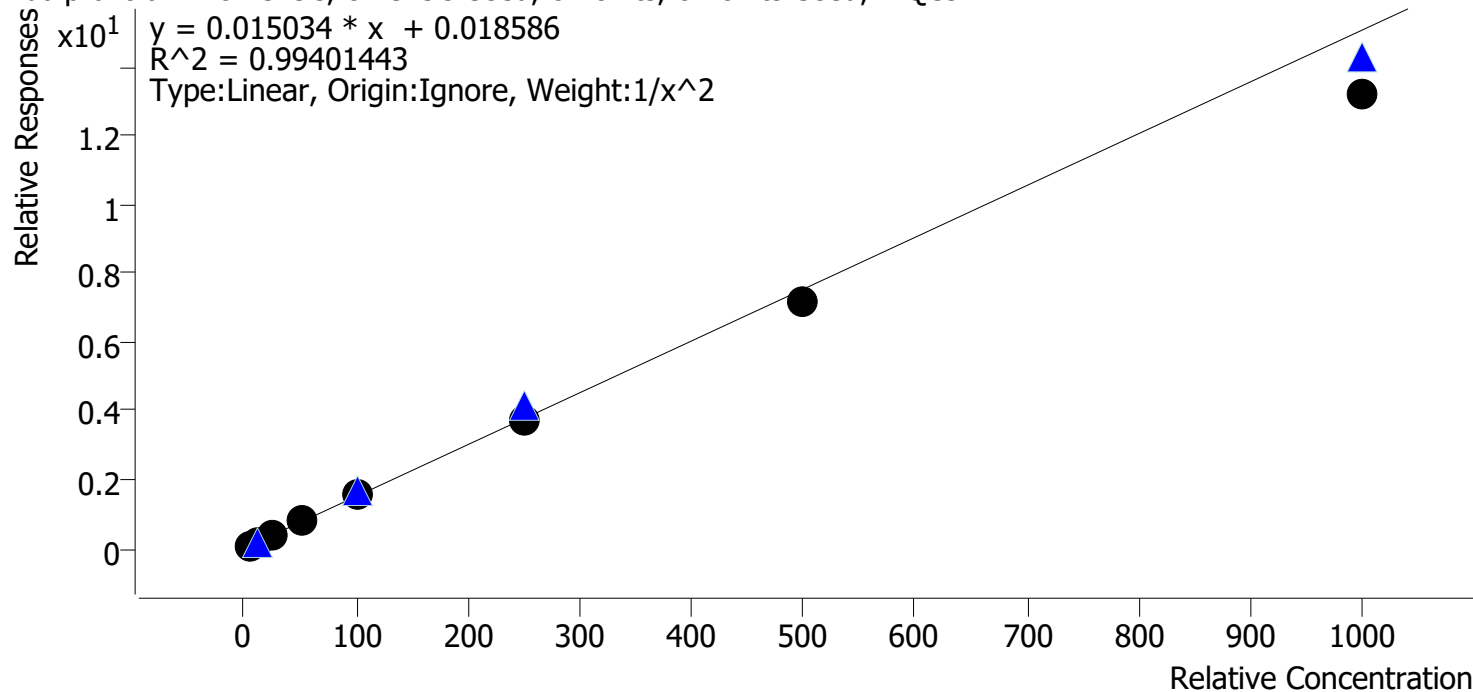


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Flualprazolam **Internal Standard** Alprazolam-D5

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



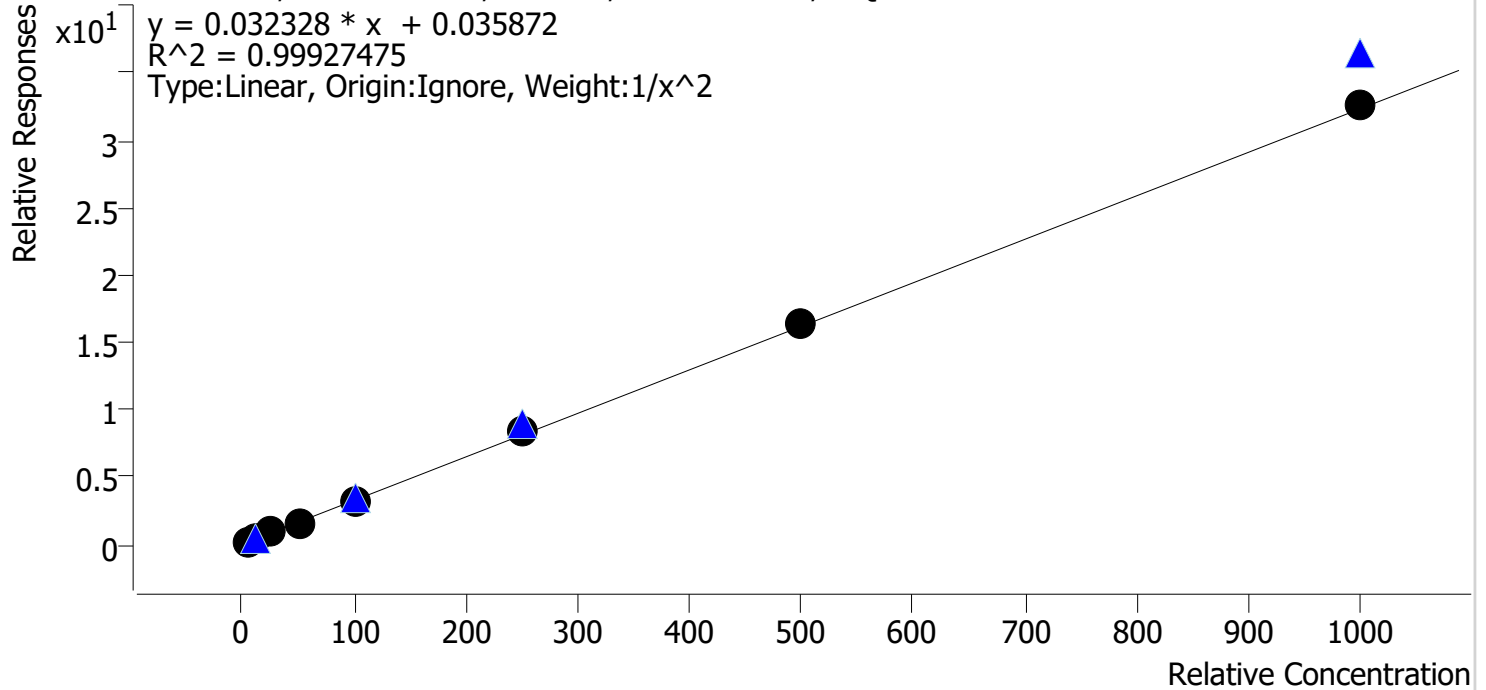
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.6
am 28 cal 2 mdq	2	✓	10.0	10.3	103.2
am 28 cal 3 mdq	3	✓	25.0	26.0	103.9
am 28 cal 4 mdq	4	✓	50.0	54.2	108.4
am 28 cal 5 mdq	5	✓	100.0	105.4	105.4
am28 cal 6 mdq	6	✓	250.0	249.5	99.8
am 28 cal 7 mdq	7	✓	500.0	476.4	95.3
am 28 cal 8 mdq	8	✓	1000.0	874.0	87.4

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6

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



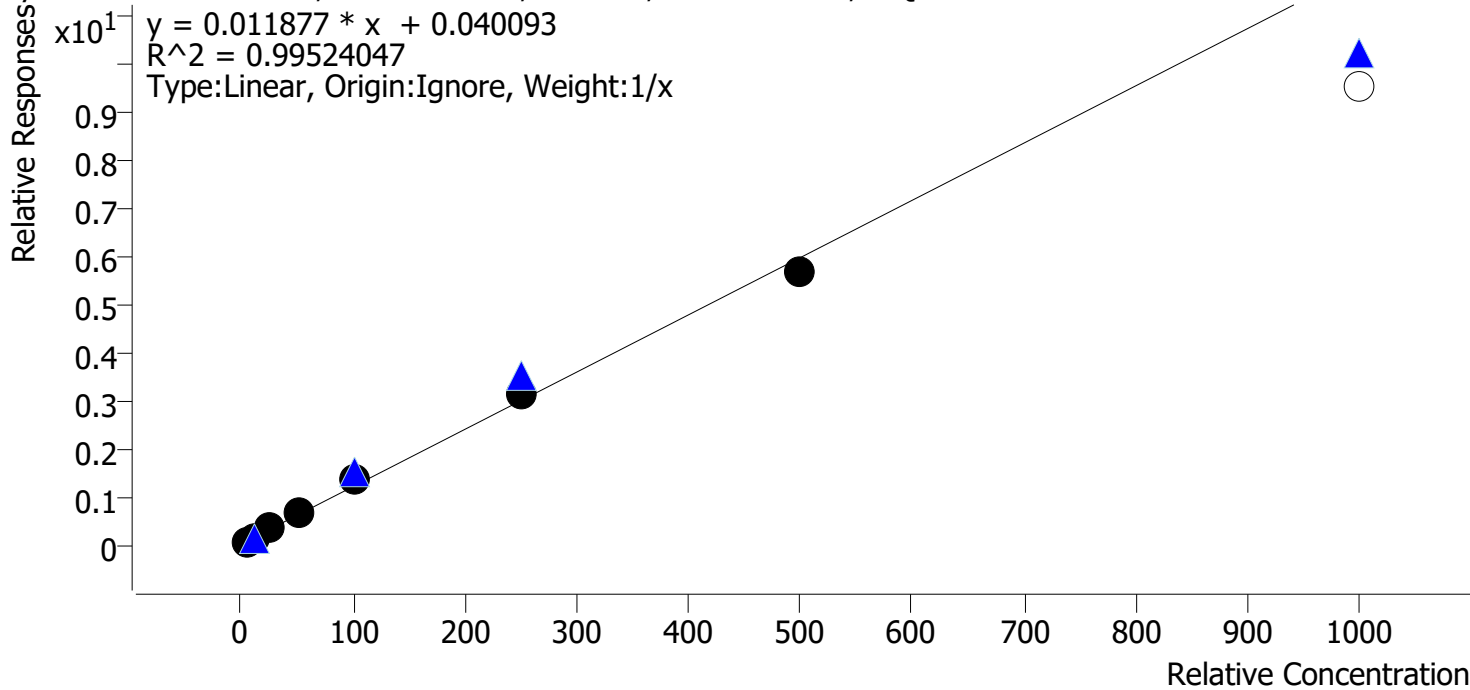
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.9
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	25.3	101.1
am 28 cal 4 mdq	4	✓	50.0	49.1	98.2
am 28 cal 5 mdq	5	✓	100.0	95.2	95.2
am28 cal 6 mdq	6	✓	250.0	256.6	102.6
am 28 cal 7 mdq	7	✓	500.0	506.1	101.2
am 28 cal 8 mdq	8	✓	1000.0	1013.3	101.3

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	3.6	72.1
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	26.7	106.7
am 28 cal 4 mdq	4	✓	50.0	56.3	112.6
am 28 cal 5 mdq	5	✓	100.0	109.6	109.6
am28 cal 6 mdq	6	✓	250.0	259.4	103.8
am 28 cal 7 mdq	7	✓	500.0	474.4	94.9
am 28 cal 8 mdq	8	x	1000.0	801.8	80.2

Cal 8 dropped- accuracy outside acceptable range

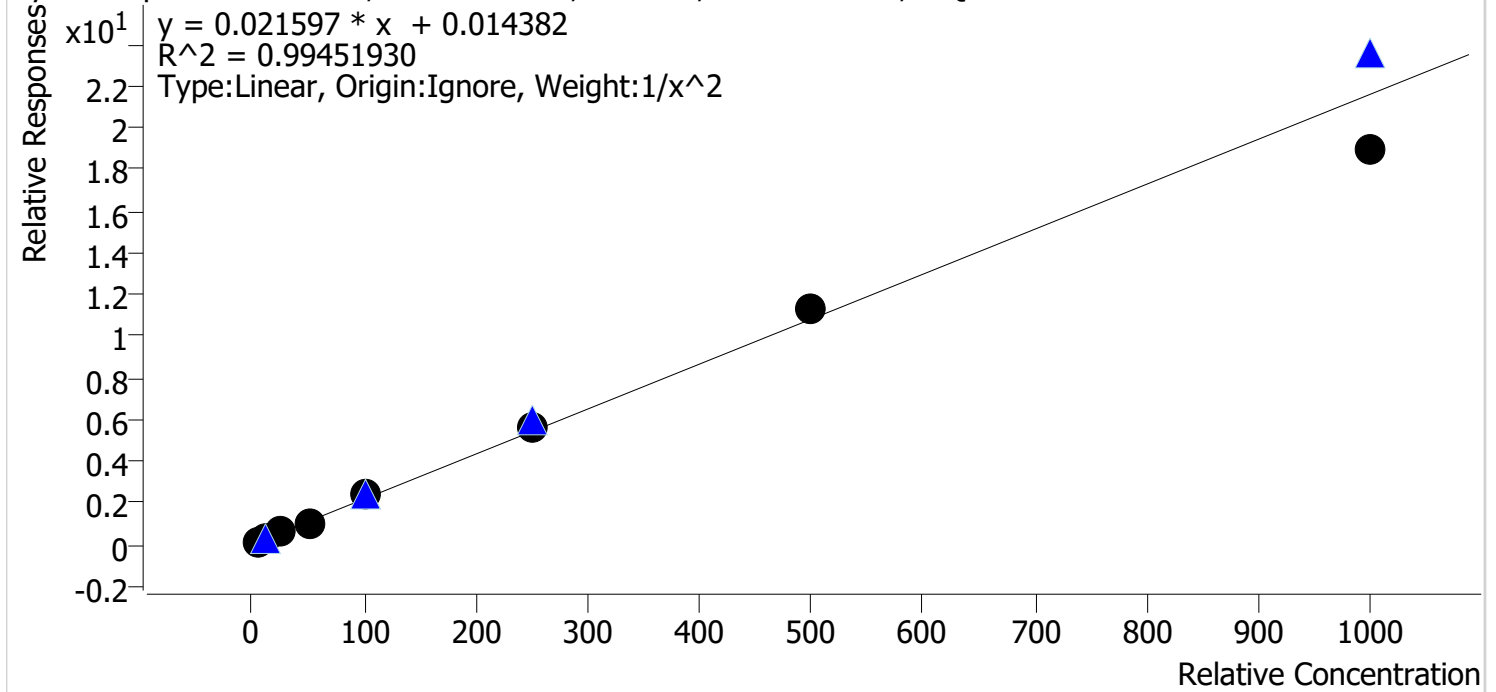
Evaluated Qualitatively due to QC100 accuracy out of range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.1
am 28 cal 2 mdq	2	✓	10.0	10.3	102.9
am 28 cal 3 mdq	3	✓	25.0	24.3	97.3
am 28 cal 4 mdq	4	✓	50.0	47.5	95.0
am 28 cal 5 mdq	5	✓	100.0	107.3	107.3
am28 cal 6 mdq	6	✓	250.0	262.5	105.0
am 28 cal 7 mdq	7	✓	500.0	526.5	105.3
am 28 cal 8 mdq	8	✓	1000.0	880.7	88.1



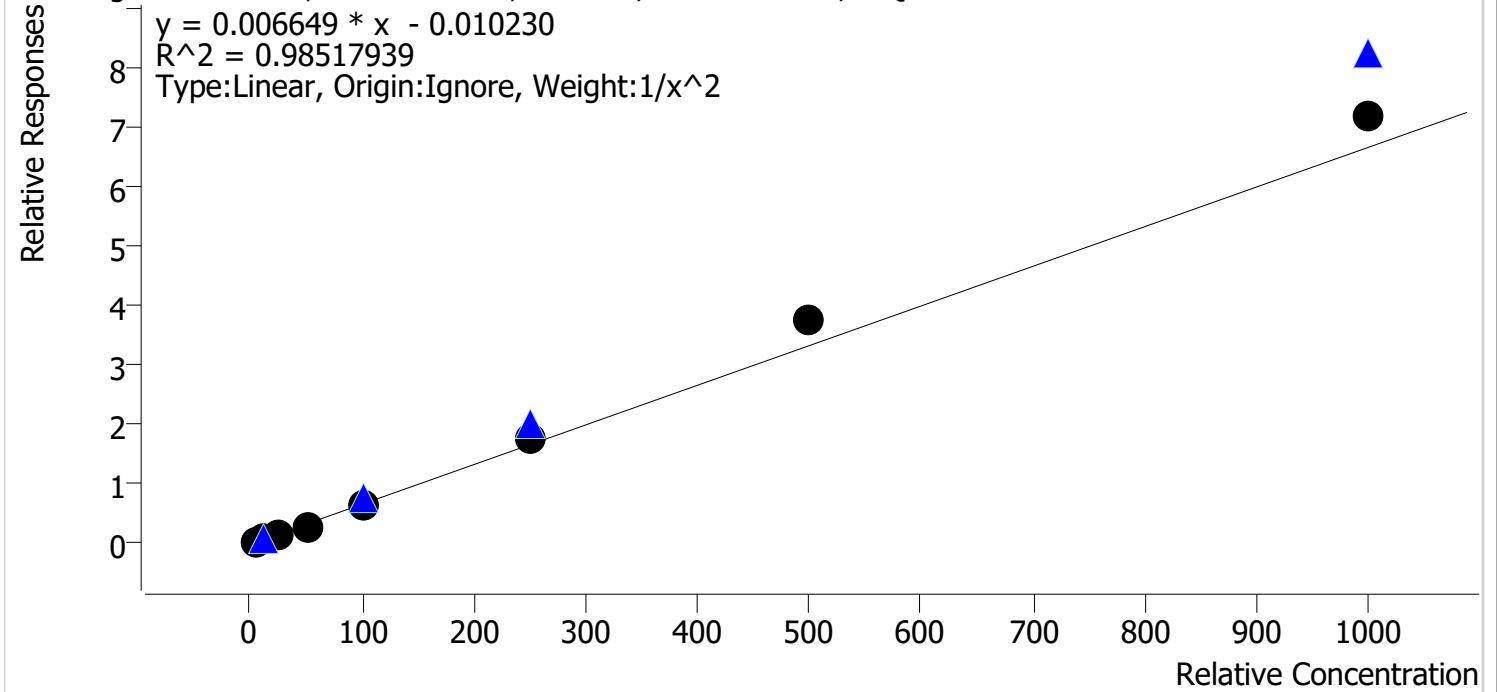
# Compound Calibration Report

Byylee

**Batch results**      D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update**    9/21/2021 10:12 AM  
**Analyst Name**        ISP\datastor  
**Analyte**                Lamotrigine

**Internal Standard**      Temazepam-D5

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



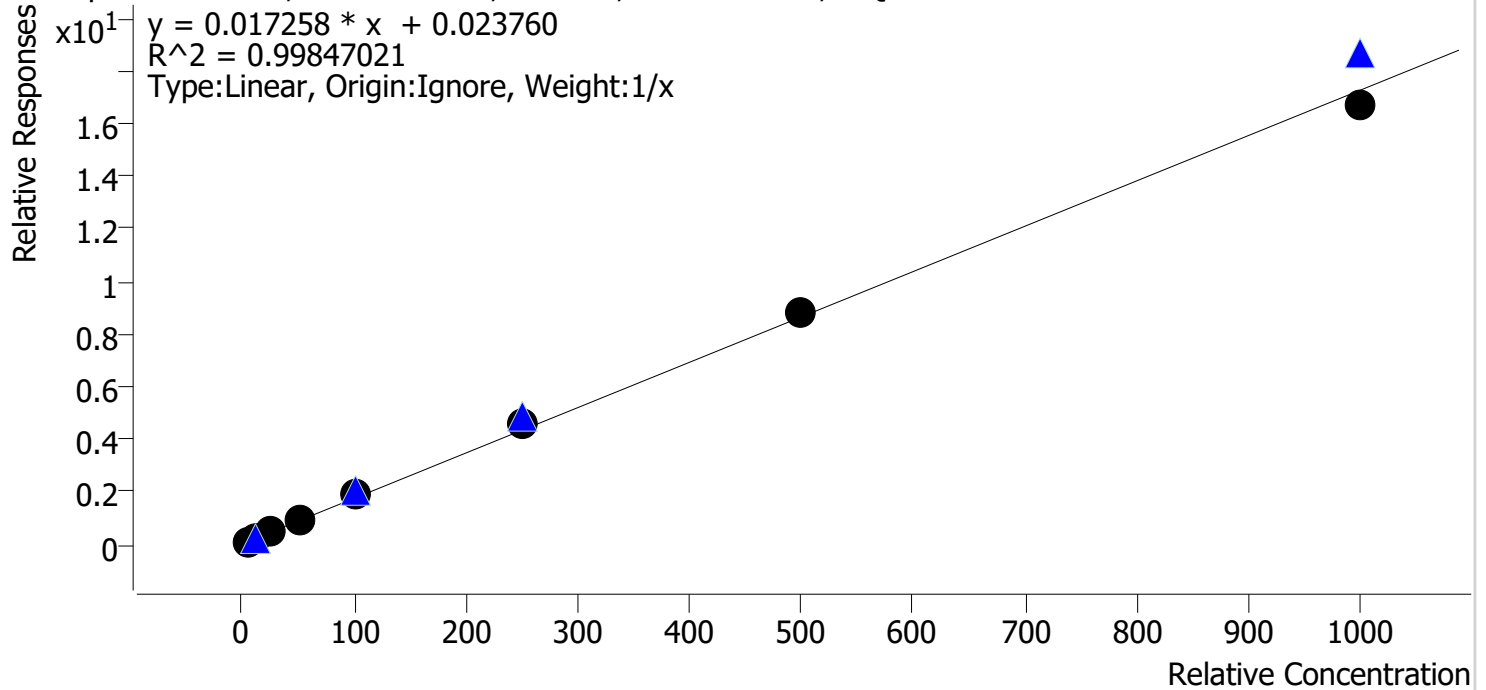
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.4	107.3
am 28 cal 2 mdq	2	✓	10.0	9.4	93.6
am 28 cal 3 mdq	3	✓	25.0	21.0	84.0
am 28 cal 4 mdq	4	✓	50.0	44.8	89.5
am 28 cal 5 mdq	5	✓	100.0	95.9	95.9
am28 cal 6 mdq	6	✓	250.0	268.8	107.5
am 28 cal 7 mdq	7	✓	500.0	569.2	113.8
am 28 cal 8 mdq	8	✓	1000.0	1082.7	108.3

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5

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



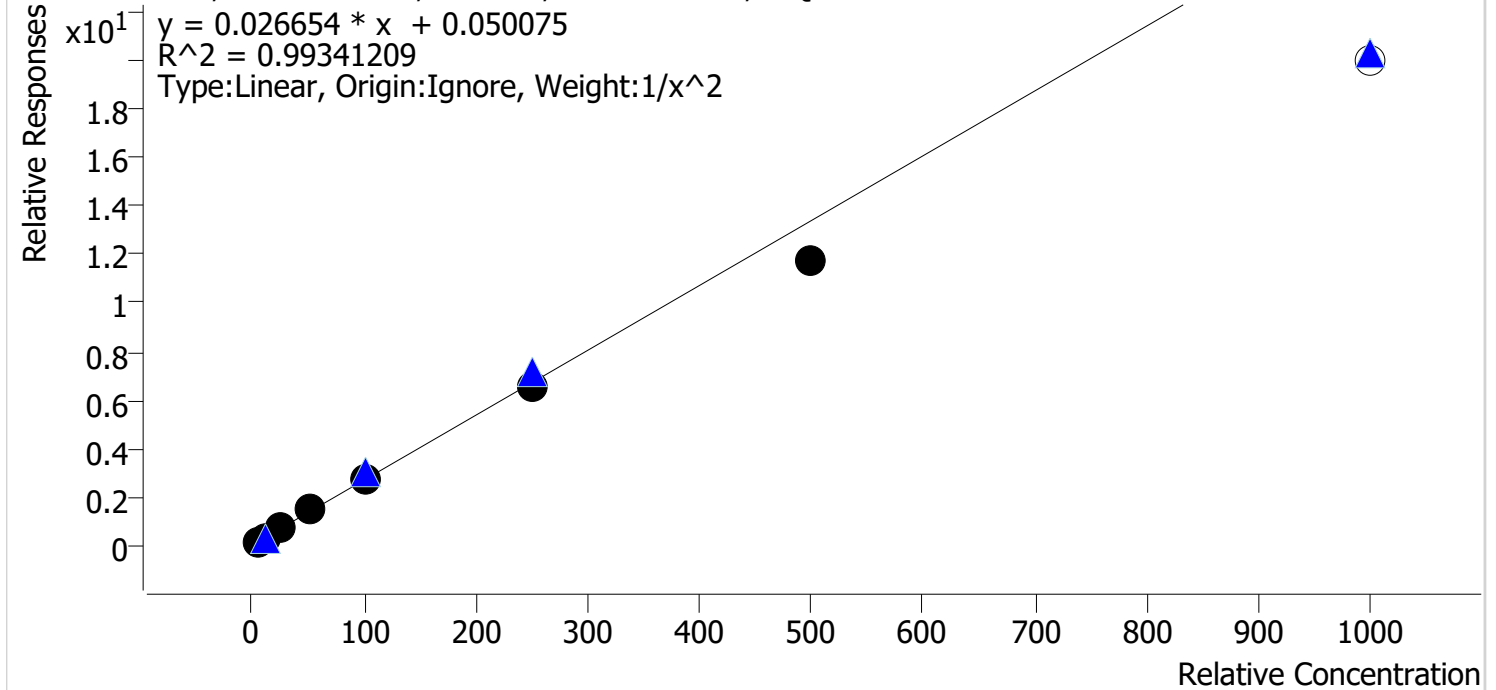
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.3	86.0
am 28 cal 2 mdq	2	✓	10.0	9.5	94.5
am 28 cal 3 mdq	3	✓	25.0	28.1	112.5
am 28 cal 4 mdq	4	✓	50.0	48.5	97.0
am 28 cal 5 mdq	5	✓	100.0	105.2	105.2
am28 cal 6 mdq	6	✓	250.0	264.2	105.7
am 28 cal 7 mdq	7	✓	500.0	509.8	102.0
am 28 cal 8 mdq	8	✓	1000.0	970.4	97.0

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.0
am 28 cal 2 mdq	2	✓	10.0	10.5	104.7
am 28 cal 3 mdq	3	✓	25.0	26.2	104.9
am 28 cal 4 mdq	4	✓	50.0	53.6	107.2
am 28 cal 5 mdq	5	✓	100.0	102.6	102.6
am28 cal 6 mdq	6	✓	250.0	242.0	96.8
am 28 cal 7 mdq	7	✓	500.0	438.4	87.7
am 28 cal 8 mdq	8	x	1000.0	746.8	74.7

Cal 8 dropped- accuracy outside acceptable range

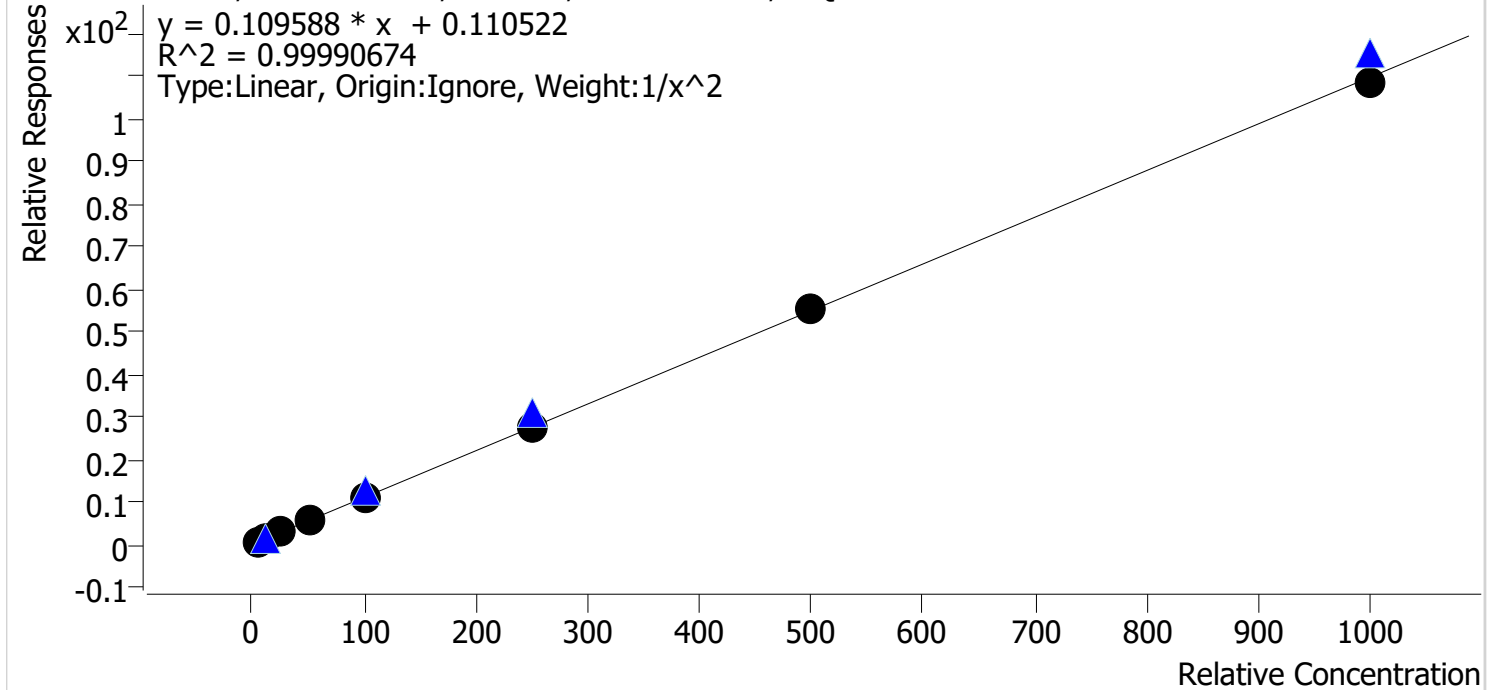


# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6

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



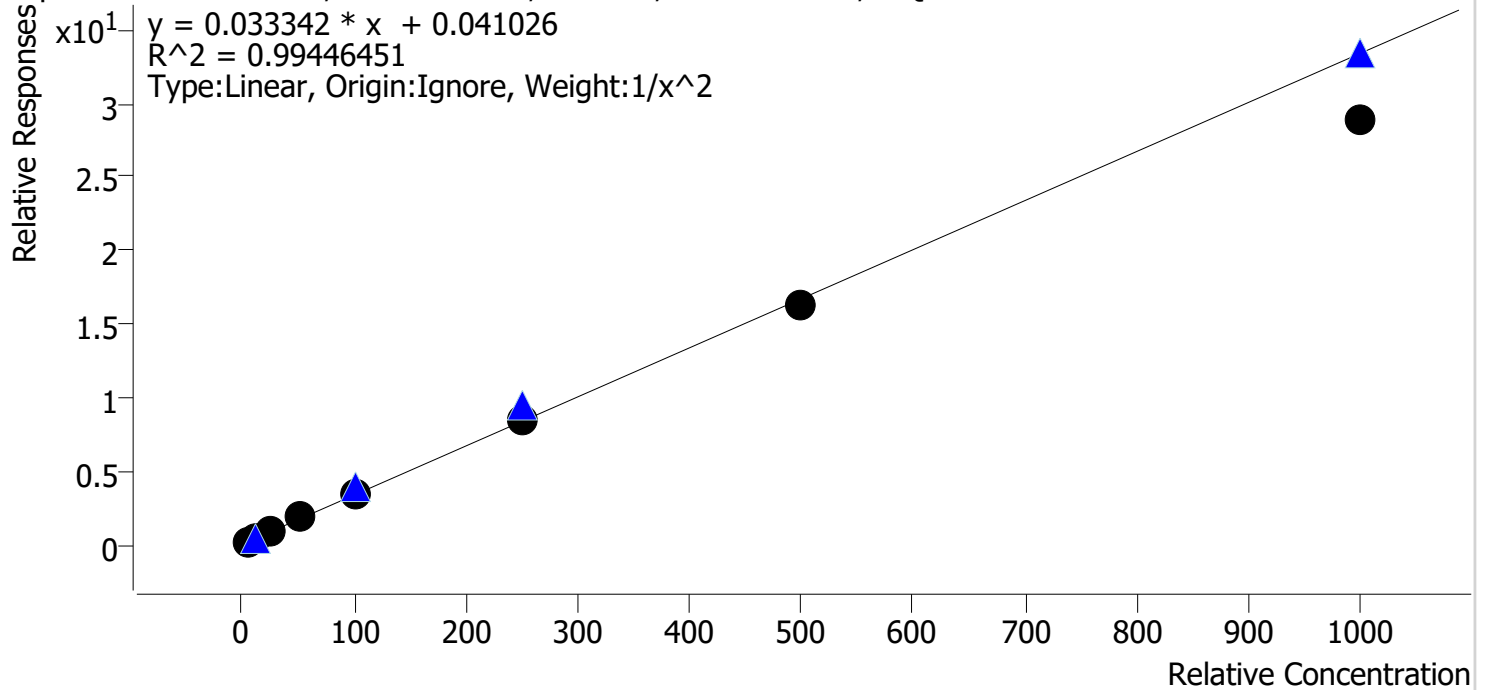
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.6
am 28 cal 2 mdq	2	✓	10.0	9.9	98.6
am 28 cal 3 mdq	3	✓	25.0	25.1	100.3
am 28 cal 4 mdq	4	✓	50.0	50.3	100.6
am 28 cal 5 mdq	5	✓	100.0	100.1	100.1
am28 cal 6 mdq	6	✓	250.0	249.2	99.7
am 28 cal 7 mdq	7	✓	500.0	505.4	101.1
am 28 cal 8 mdq	8	✓	1000.0	990.6	99.1

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7

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



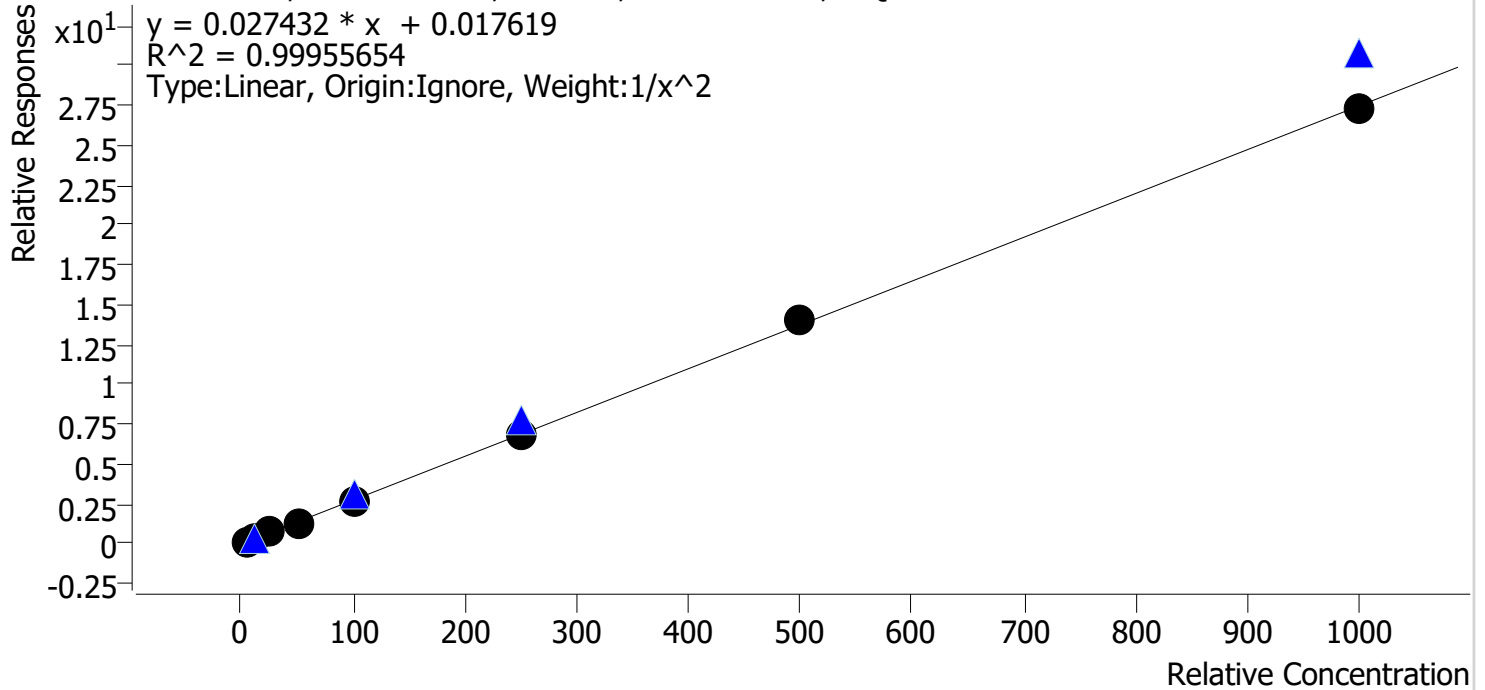
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.5
am 28 cal 2 mdq	2	✓	10.0	10.4	104.1
am 28 cal 3 mdq	3	✓	25.0	25.7	102.9
am 28 cal 4 mdq	4	✓	50.0	53.5	107.1
am 28 cal 5 mdq	5	✓	100.0	104.3	104.3
am28 cal 6 mdq	6	✓	250.0	252.8	101.1
am 28 cal 7 mdq	7	✓	500.0	486.6	97.3
am 28 cal 8 mdq	8	✓	1000.0	866.2	86.6

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9

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



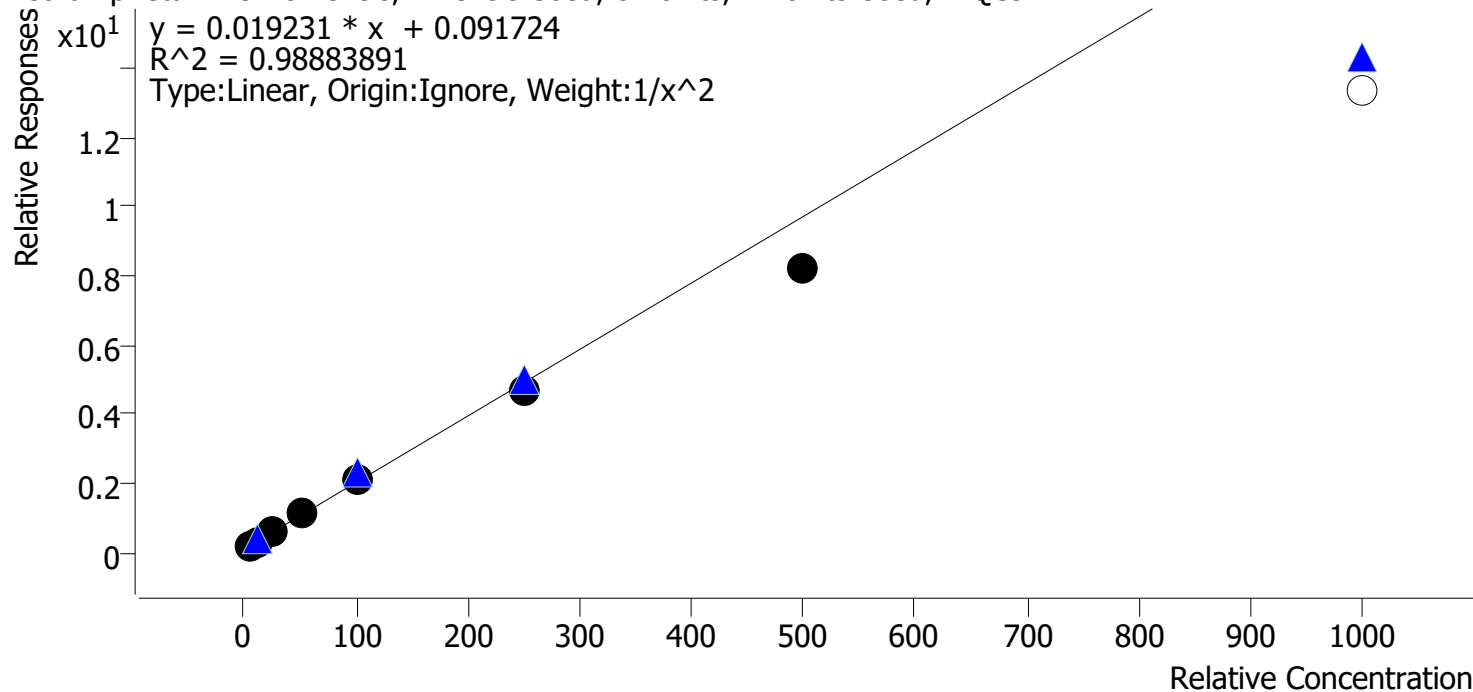
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.4
am 28 cal 2 mdq	2	✓	10.0	10.4	103.6
am 28 cal 3 mdq	3	✓	25.0	24.9	99.7
am 28 cal 4 mdq	4	✓	50.0	50.0	100.1
am 28 cal 5 mdq	5	✓	100.0	97.7	97.7
am28 cal 6 mdq	6	✓	250.0	248.6	99.4
am 28 cal 7 mdq	7	✓	500.0	507.7	101.5
am 28 cal 8 mdq	8	✓	1000.0	995.6	99.6

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methamphetamine **Internal Standard** **Methamphetamine-D11**

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



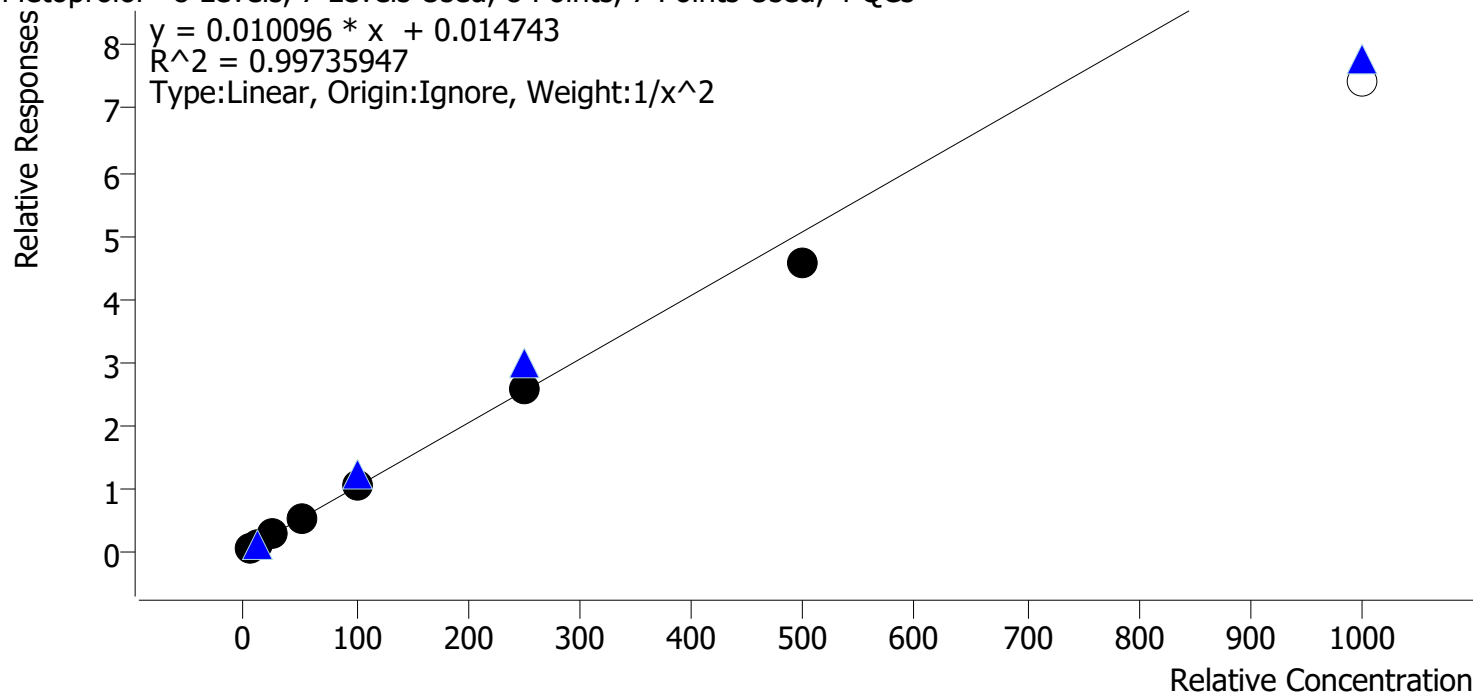
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.0
am 28 cal 2 mdq	2	✓	10.0	10.3	103.3
am 28 cal 3 mdq	3	✓	25.0	26.7	106.9
am 28 cal 4 mdq	4	✓	50.0	55.6	111.2
am 28 cal 5 mdq	5	✓	100.0	103.5	103.5
am28 cal 6 mdq	6	✓	250.0	237.0	94.8
am 28 cal 7 mdq	7	✓	500.0	421.8	84.4
am 28 cal 8 mdq	8	x	1000.0	690.1	69.0

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Metoprolol **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.9
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	25.7	102.8
am 28 cal 4 mdq	4	✓	50.0	51.2	102.3
am 28 cal 5 mdq	5	✓	100.0	102.9	102.9
am28 cal 6 mdq	6	✓	250.0	254.9	102.0
am 28 cal 7 mdq	7	✓	500.0	453.4	90.7
am 28 cal 8 mdq	8	x	1000.0	735.3	73.5

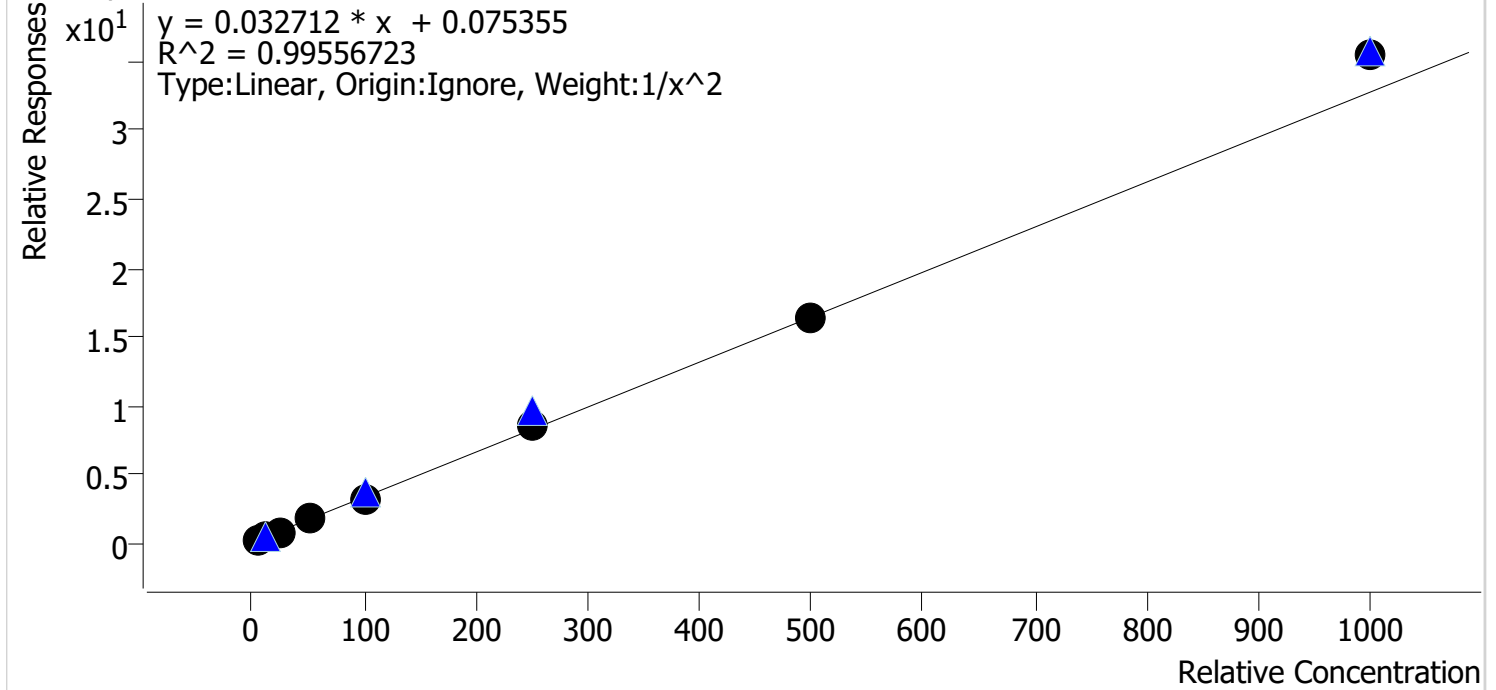
Cal 8 dropped- accuracy outside acceptable range

# Compound Calibration Report



**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** Methadone-D9

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



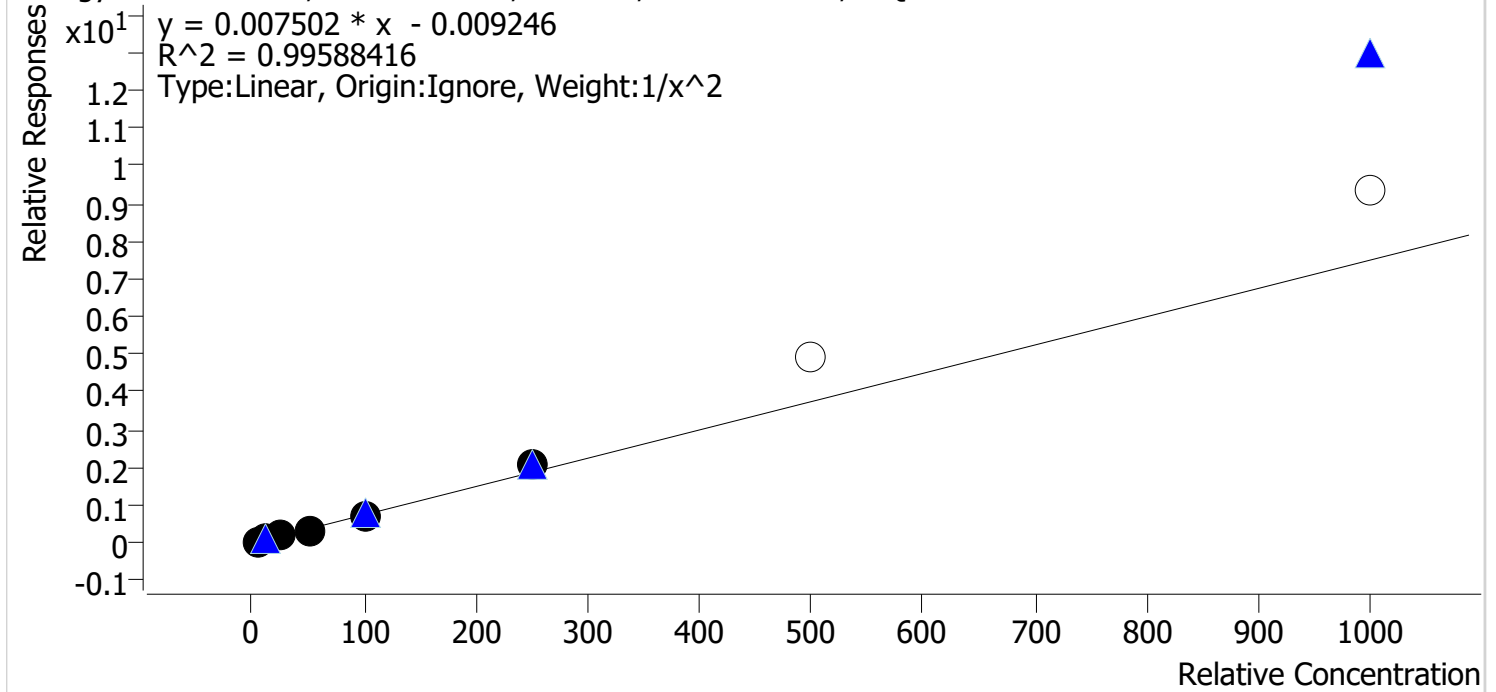
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.3	105.7
am 28 cal 2 mdq	2	✓	10.0	9.0	90.5
am 28 cal 3 mdq	3	✓	25.0	23.9	95.7
am 28 cal 4 mdq	4	✓	50.0	50.1	100.3
am 28 cal 5 mdq	5	✓	100.0	96.2	96.2
am28 cal 6 mdq	6	✓	250.0	259.6	103.8
am 28 cal 7 mdq	7	✓	500.0	499.2	99.8
am 28 cal 8 mdq	8	✓	1000.0	1080.2	108.0

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mitragynine **Internal Standard** Trazodone-D6

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



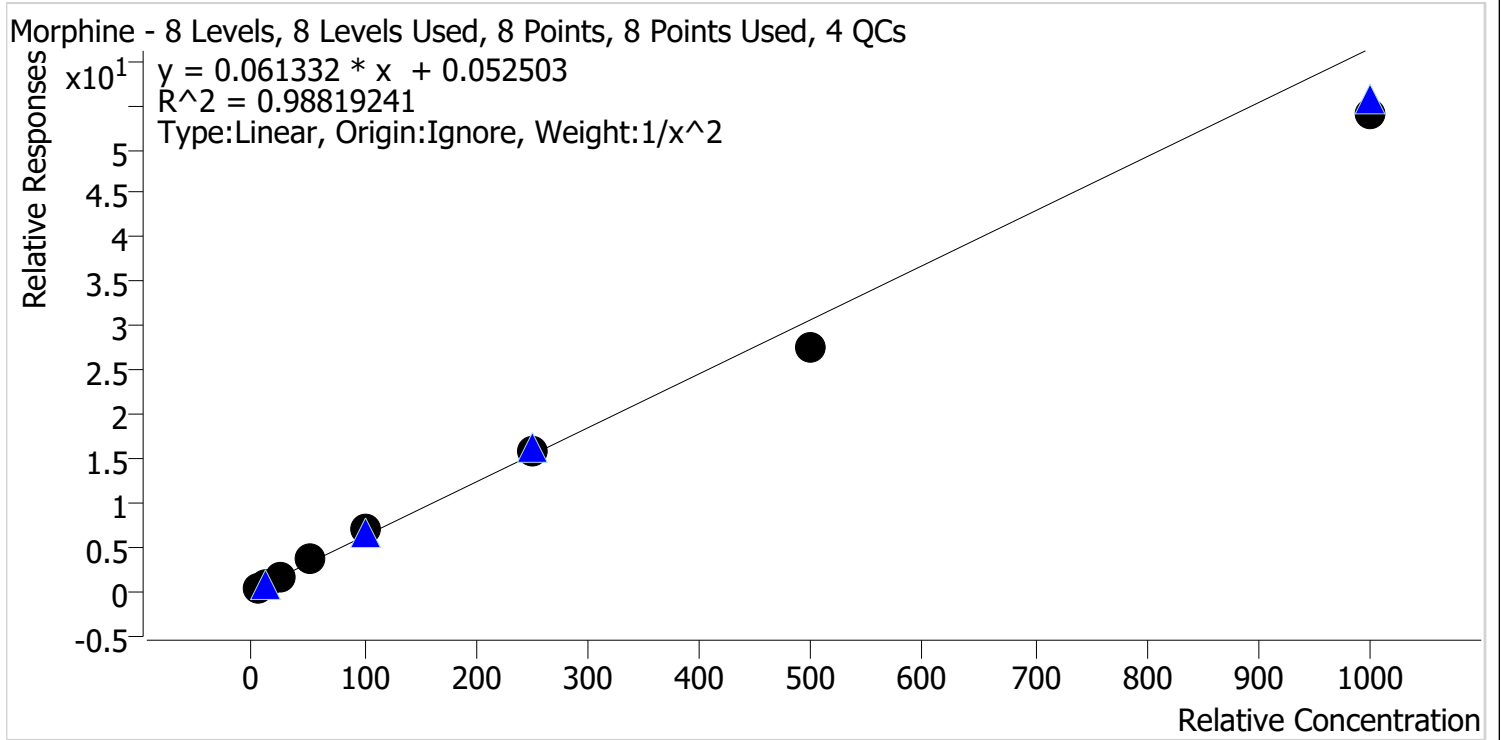
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.3
am 28 cal 2 mdq	2	✓	10.0	10.0	99.7
am 28 cal 3 mdq	3	✓	25.0	24.0	96.2
am 28 cal 4 mdq	4	✓	50.0	47.5	95.0
am 28 cal 5 mdq	5	✓	100.0	98.2	98.2
am28 cal 6 mdq	6	✓	250.0	274.1	109.6
am 28 cal 7 mdq	7	✗	500.0	659.5	131.9
am 28 cal 8 mdq	8	✗	1000.0	1244.4	124.4

Cal 7 & 8 dropped- accuracy outside acceptable range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.3
am 28 cal 2 mdq	2	✓	10.0	9.7	97.4
am 28 cal 3 mdq	3	✓	25.0	23.8	95.0
am 28 cal 4 mdq	4	✓	50.0	57.8	115.5
am 28 cal 5 mdq	5	✓	100.0	110.3	110.3
am28 cal 6 mdq	6	✓	250.0	258.3	103.3
am 28 cal 7 mdq	7	✓	500.0	450.9	90.2
am 28 cal 8 mdq	8	✓	1000.0	879.8	88.0

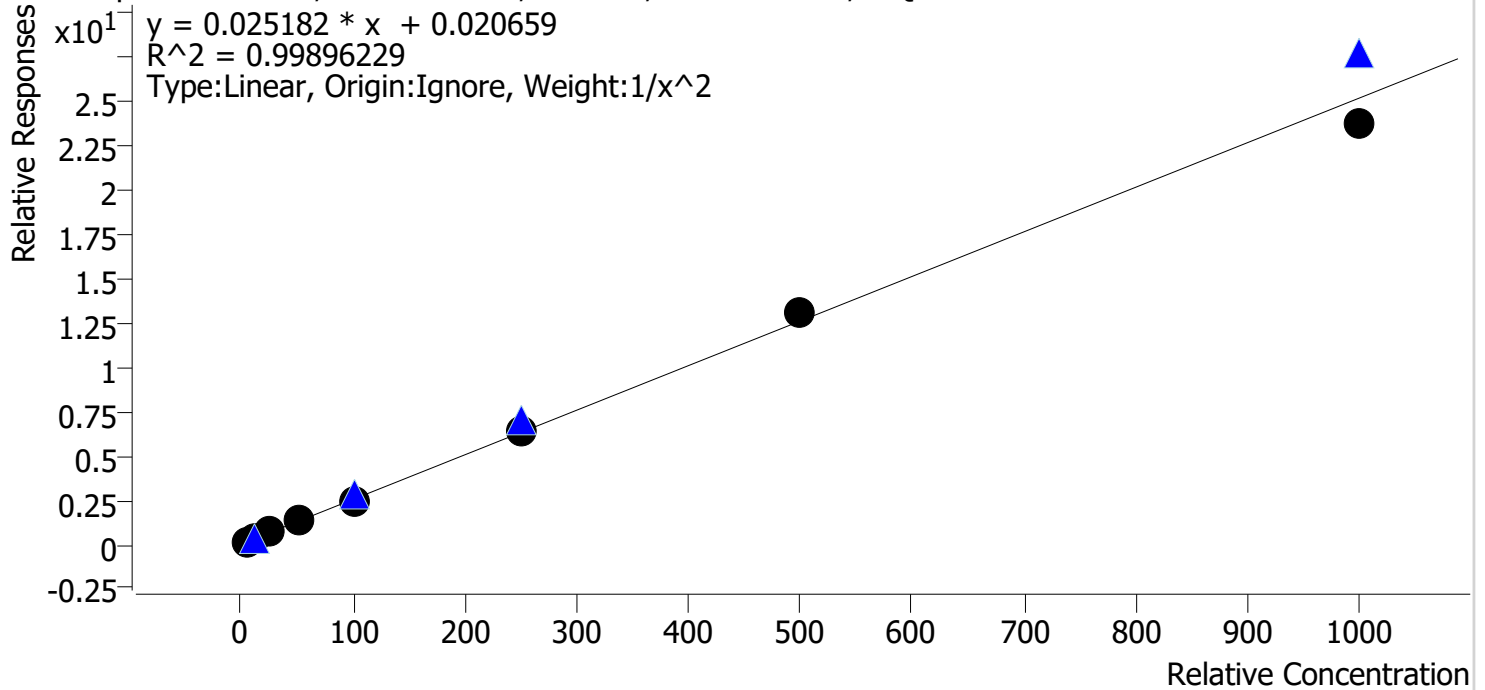


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Nordiazepam **Internal Standard** Nordiazepam-D5

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

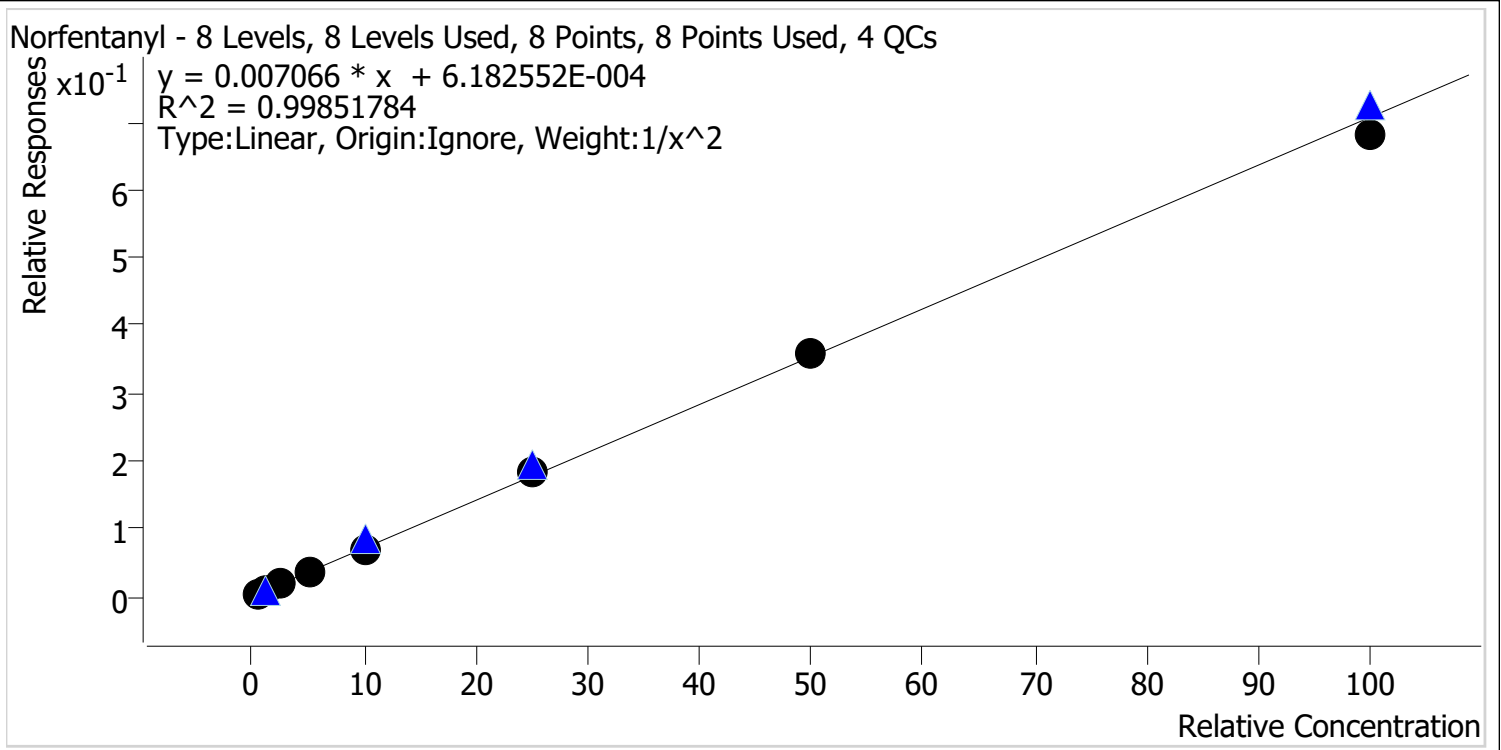


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.2
am 28 cal 2 mdq	2	✓	10.0	10.1	100.9
am 28 cal 3 mdq	3	✓	25.0	25.2	100.7
am 28 cal 4 mdq	4	✓	50.0	51.2	102.4
am 28 cal 5 mdq	5	✓	100.0	98.8	98.8
am28 cal 6 mdq	6	✓	250.0	252.1	100.9
am 28 cal 7 mdq	7	✓	500.0	515.5	103.1
am 28 cal 8 mdq	8	✓	1000.0	940.6	94.1

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norfentanyl **Internal Standard** Norfentanyl-D5



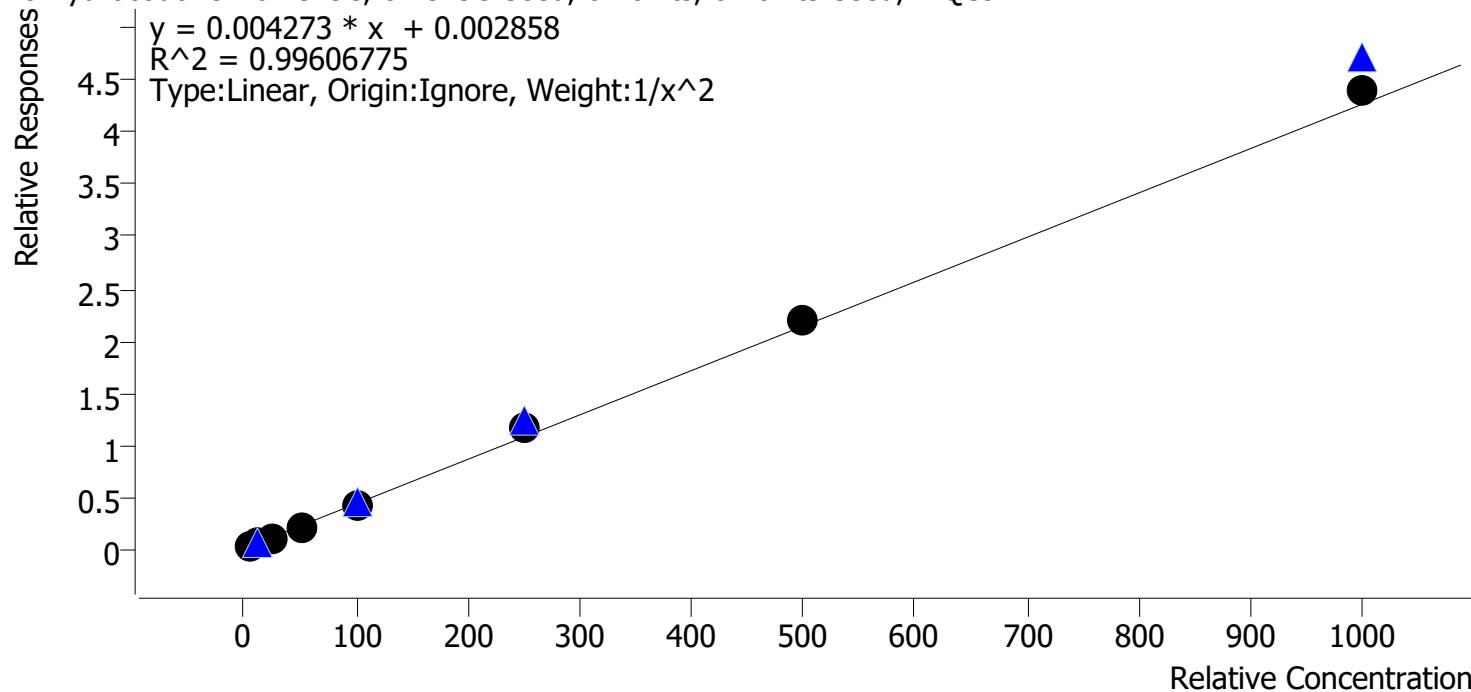
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	0.5	0.5	97.5
am 28 cal 2 mdq	2	✓	1.0	1.1	105.2
am 28 cal 3 mdq	3	✓	2.5	2.5	101.5
am 28 cal 4 mdq	4	✓	5.0	4.8	95.4
am 28 cal 5 mdq	5	✓	10.0	10.0	99.8
am28 cal 6 mdq	6	✓	25.0	25.7	102.7
am 28 cal 7 mdq	7	✓	50.0	50.7	101.5
am 28 cal 8 mdq	8	✓	100.0	96.5	96.5

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3

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

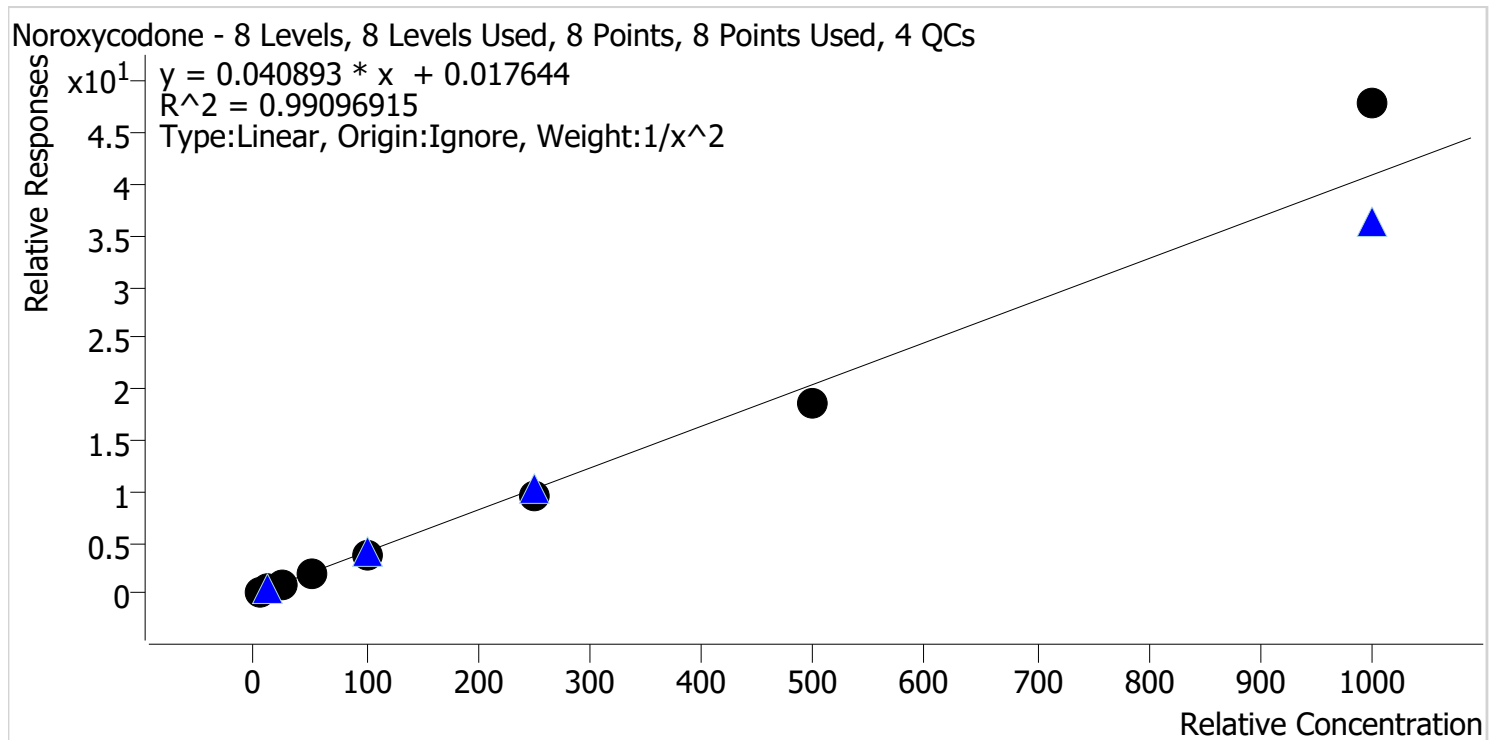


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.3	105.2
am 28 cal 2 mdq	2	✓	10.0	9.2	91.8
am 28 cal 3 mdq	3	✓	25.0	24.2	96.6
am 28 cal 4 mdq	4	✓	50.0	47.1	94.3
am 28 cal 5 mdq	5	✓	100.0	99.2	99.2
am28 cal 6 mdq	6	✓	250.0	268.4	107.4
am 28 cal 7 mdq	7	✓	500.0	514.0	102.8
am 28 cal 8 mdq	8	✓	1000.0	1027.2	102.7

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



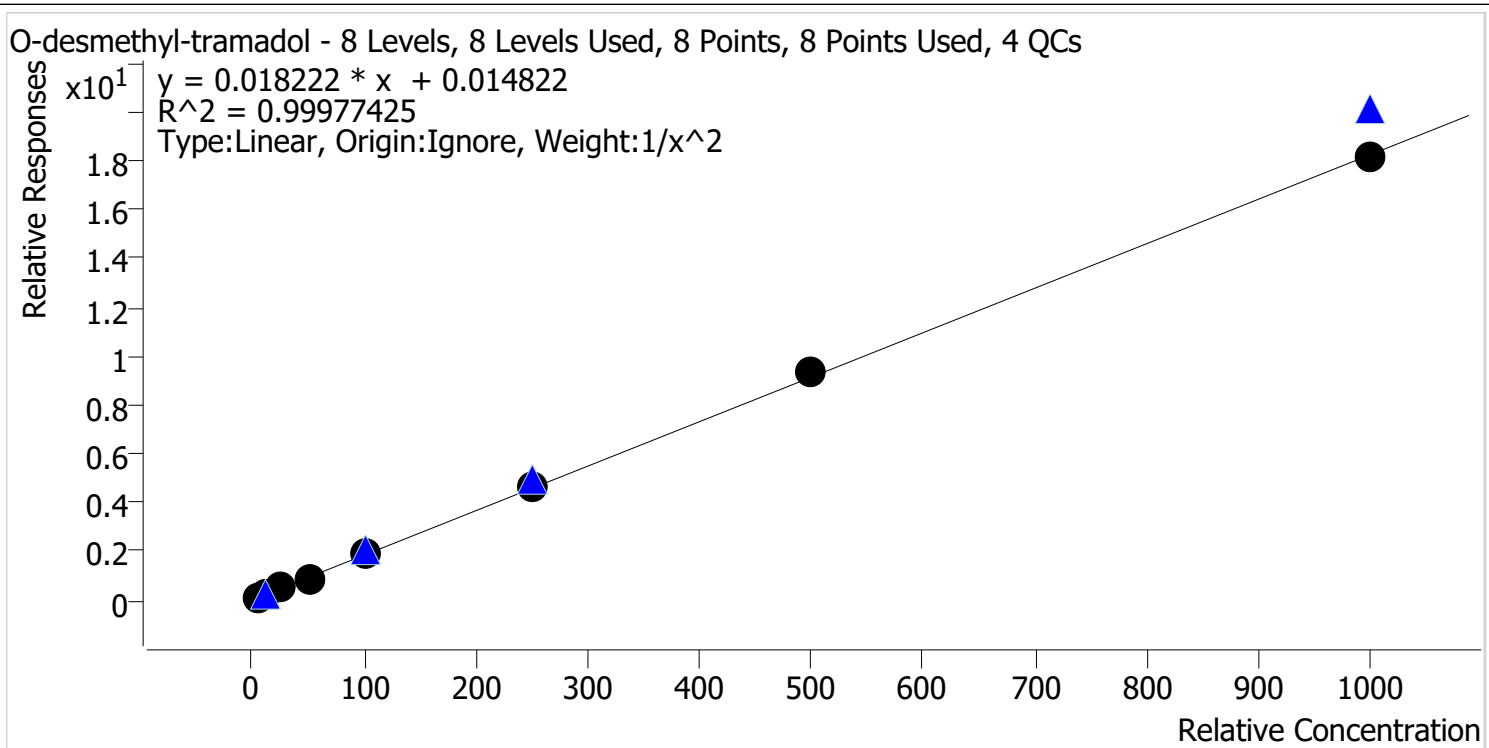
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.7
am 28 cal 2 mdq	2	✓	10.0	10.6	106.0
am 28 cal 3 mdq	3	✓	25.0	24.4	97.8
am 28 cal 4 mdq	4	✓	50.0	50.5	100.9
am 28 cal 5 mdq	5	✓	100.0	95.8	95.8
am28 cal 6 mdq	6	✓	250.0	236.7	94.7
am 28 cal 7 mdq	7	✓	500.0	450.7	90.1
am 28 cal 8 mdq	8	✓	1000.0	1170.2	117.0

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** O-desmethyl-tramadol

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



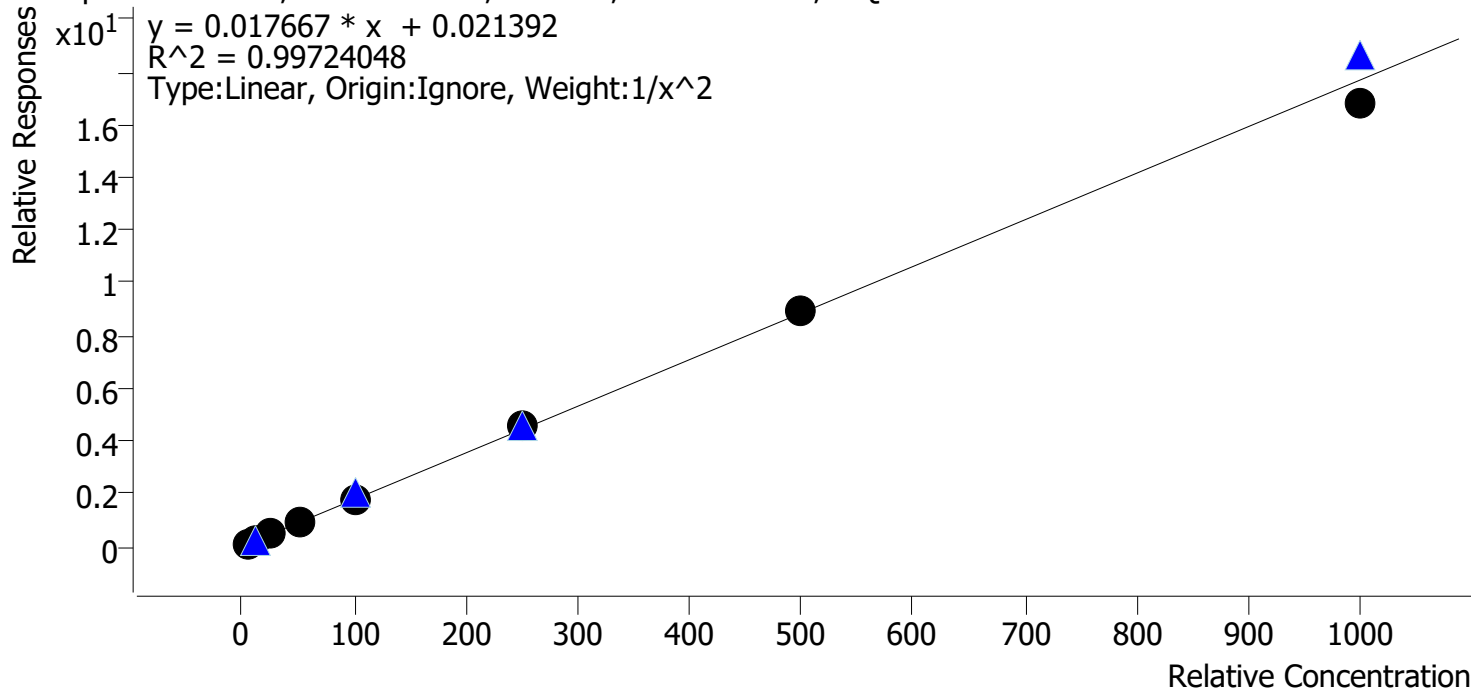
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.1
am 28 cal 2 mdq	2	✓	10.0	10.1	100.7
am 28 cal 3 mdq	3	✓	25.0	24.6	98.4
am 28 cal 4 mdq	4	✓	50.0	49.1	98.2
am 28 cal 5 mdq	5	✓	100.0	99.7	99.7
am28 cal 6 mdq	6	✓	250.0	252.6	101.1
am 28 cal 7 mdq	7	✓	500.0	510.4	102.1
am 28 cal 8 mdq	8	✓	1000.0	996.8	99.7

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5

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

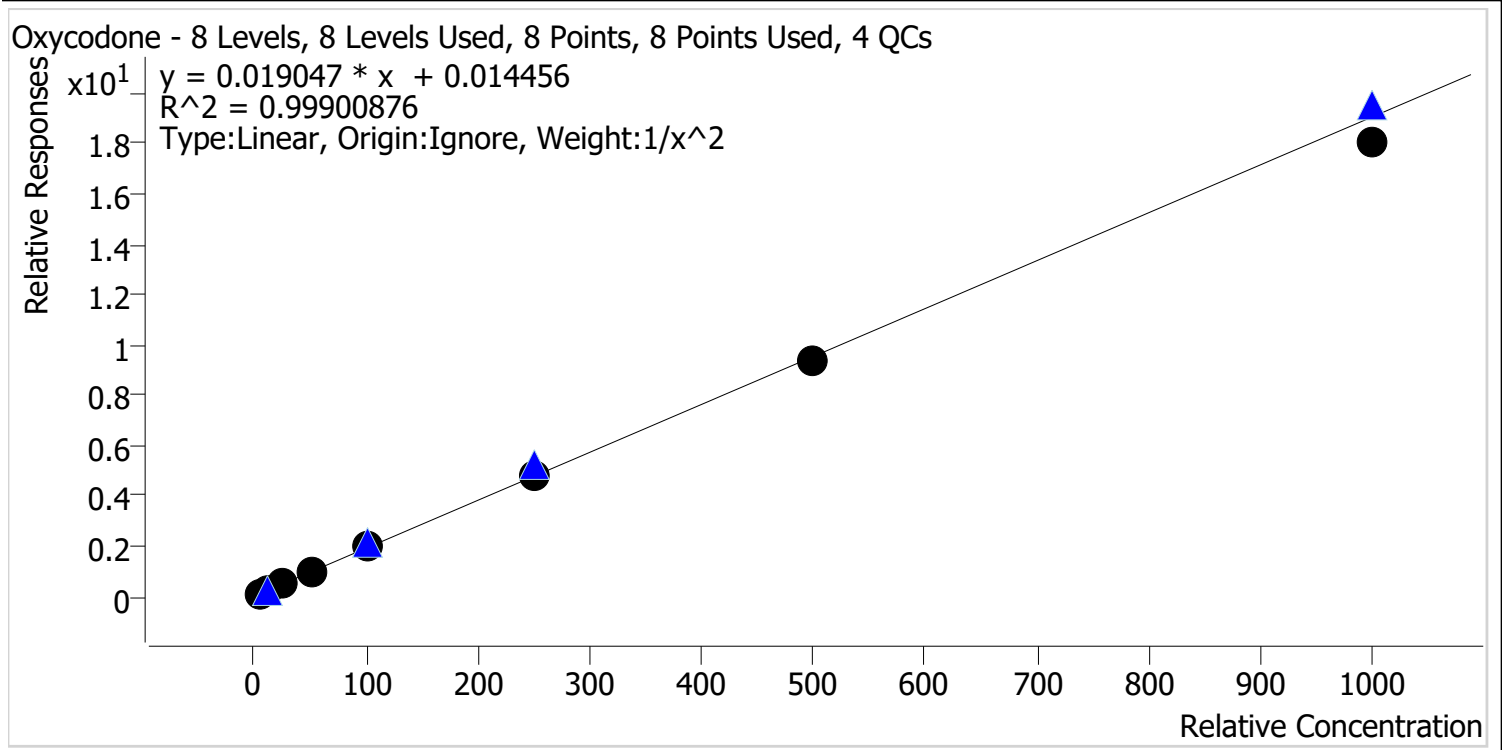


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	102.1
am 28 cal 2 mdq	2	✓	10.0	9.3	93.4
am 28 cal 3 mdq	3	✓	25.0	26.1	104.3
am 28 cal 4 mdq	4	✓	50.0	52.5	105.0
am 28 cal 5 mdq	5	✓	100.0	96.3	96.3
am28 cal 6 mdq	6	✓	250.0	259.6	103.9
am 28 cal 7 mdq	7	✓	500.0	501.0	100.2
am 28 cal 8 mdq	8	✓	1000.0	949.4	94.9

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6



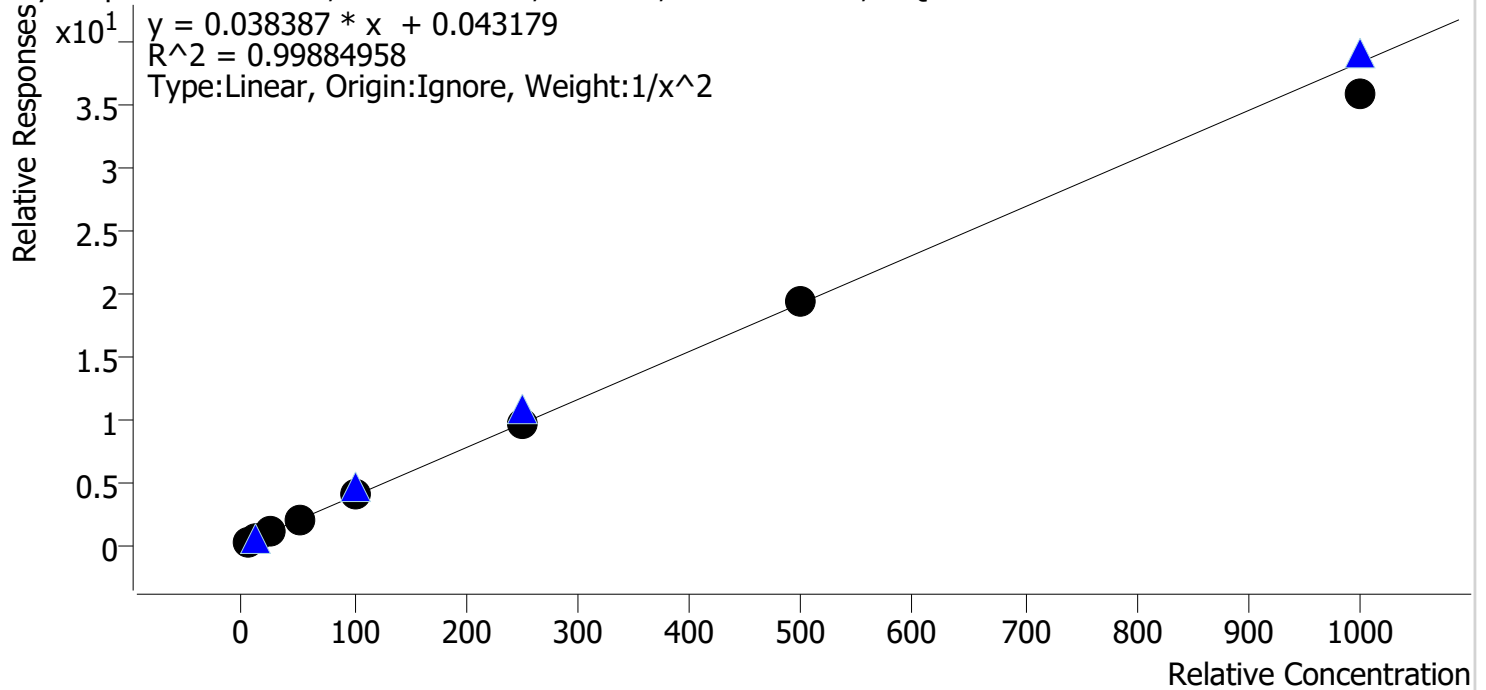
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.9
am 28 cal 2 mdq	2	✓	10.0	10.1	101.1
am 28 cal 3 mdq	3	✓	25.0	25.2	100.8
am 28 cal 4 mdq	4	✓	50.0	51.2	102.4
am 28 cal 5 mdq	5	✓	100.0	103.2	103.2
am28 cal 6 mdq	6	✓	250.0	252.3	100.9
am 28 cal 7 mdq	7	✓	500.0	489.9	98.0
am 28 cal 8 mdq	8	✓	1000.0	946.6	94.7

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.2
am 28 cal 2 mdq	2	✓	10.0	10.3	102.7
am 28 cal 3 mdq	3	✓	25.0	25.3	101.1
am 28 cal 4 mdq	4	✓	50.0	50.8	101.7
am 28 cal 5 mdq	5	✓	100.0	102.1	102.1
am28 cal 6 mdq	6	✓	250.0	251.5	100.6
am 28 cal 7 mdq	7	✓	500.0	500.2	100.0
am 28 cal 8 mdq	8	✓	1000.0	935.8	93.6

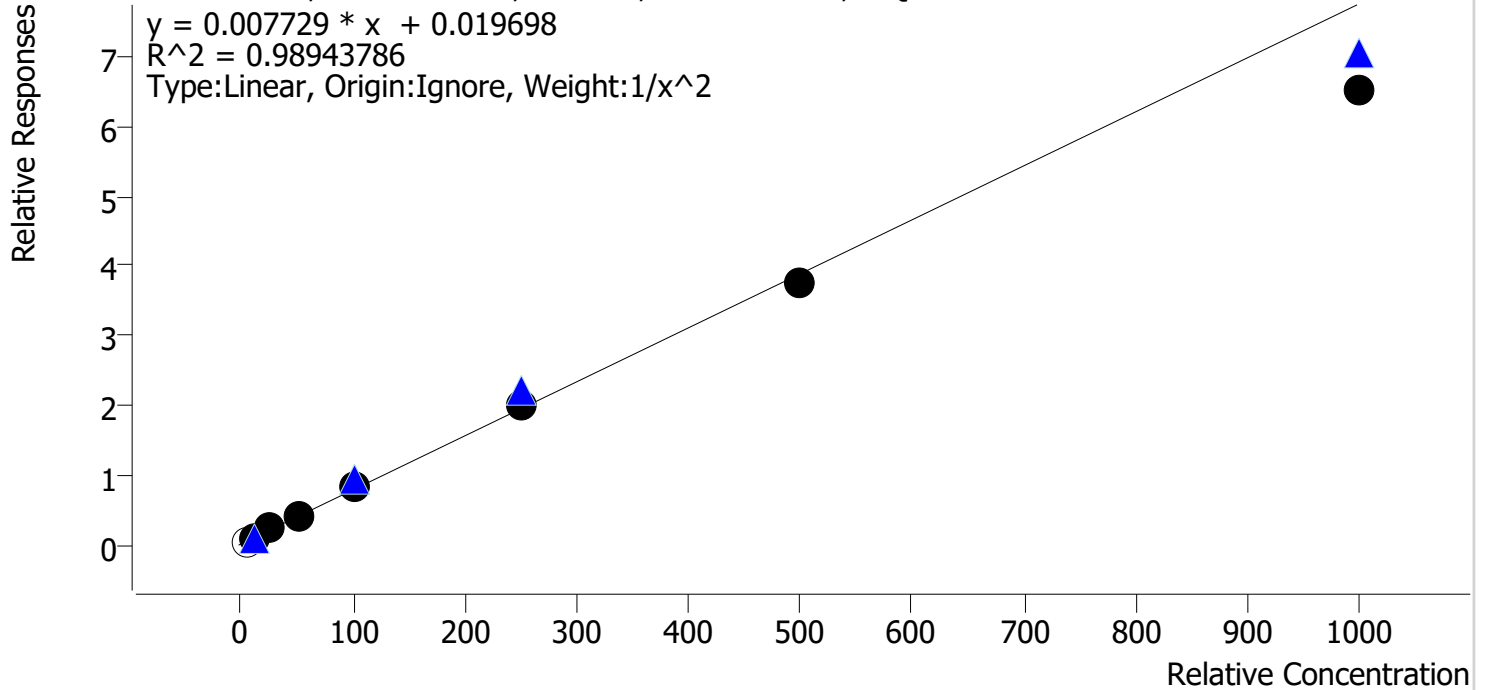


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Phentermine **Internal Standard** Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	x	5.0	3.8	76.3
am 28 cal 2 mdq	2	✓	10.0	9.5	95.0
am 28 cal 3 mdq	3	✓	25.0	26.7	106.9
am 28 cal 4 mdq	4	✓	50.0	54.1	108.2
am 28 cal 5 mdq	5	✓	100.0	107.4	107.4
am28 cal 6 mdq	6	✓	250.0	254.3	101.7
am 28 cal 7 mdq	7	✓	500.0	485.2	97.0
am 28 cal 8 mdq	8	✓	1000.0	837.2	83.7

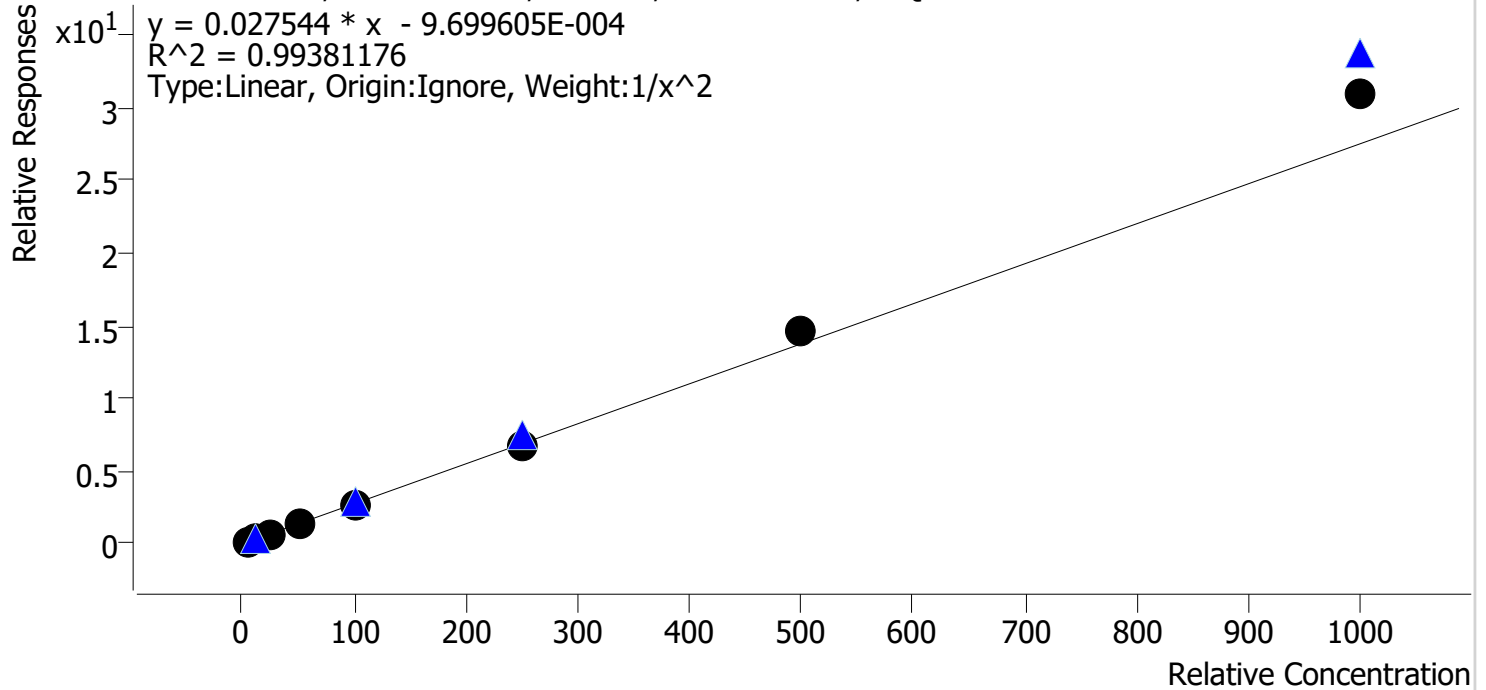
Cal 1 dropped- ratio outside acceptable range

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.2	103.9
am 28 cal 2 mdq	2	✓	10.0	9.5	95.1
am 28 cal 3 mdq	3	✓	25.0	24.3	97.3
am 28 cal 4 mdq	4	✓	50.0	46.6	93.3
am 28 cal 5 mdq	5	✓	100.0	93.9	93.9
am28 cal 6 mdq	6	✓	250.0	244.4	97.8
am 28 cal 7 mdq	7	✓	500.0	532.1	106.4
am 28 cal 8 mdq	8	✓	1000.0	1123.8	112.4

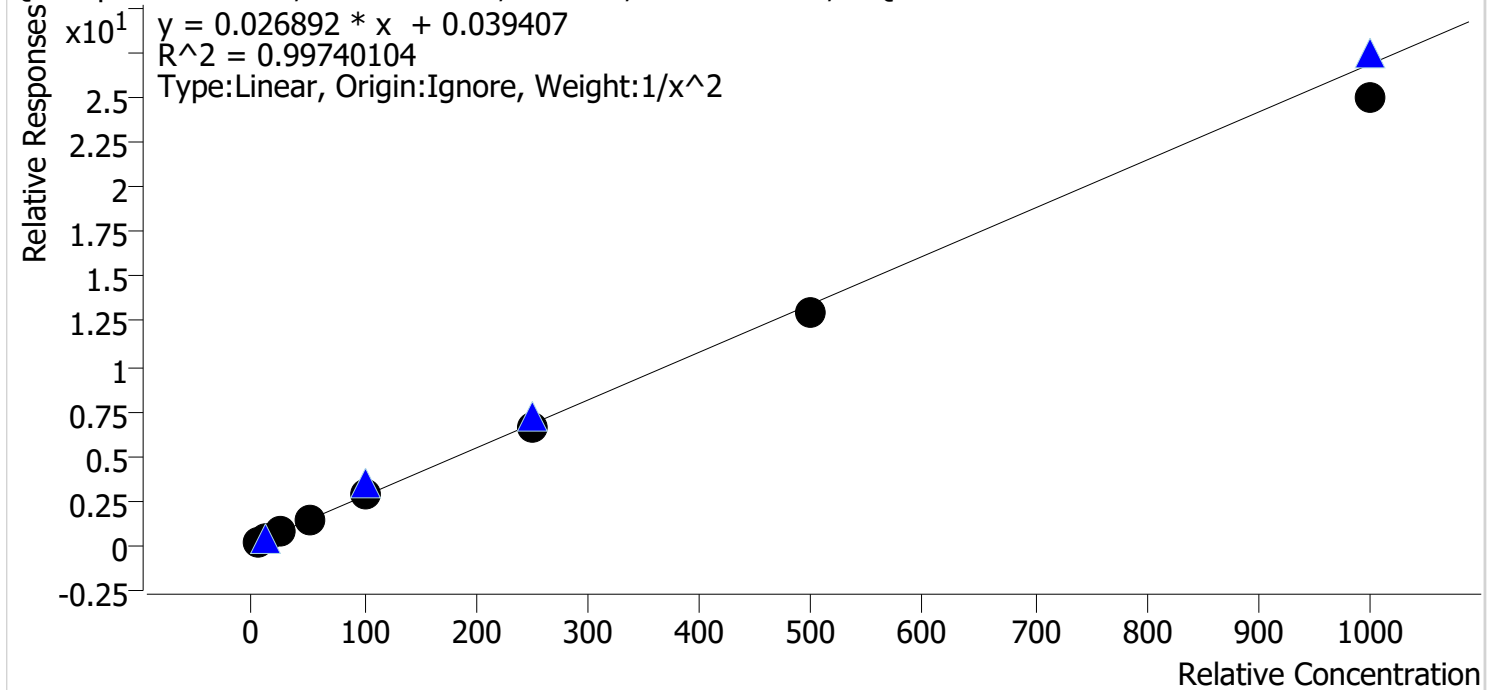
Evaluated Qualitatively due to QC1000 accuracy out of range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.9
am 28 cal 2 mdq	2	✓	10.0	10.1	101.1
am 28 cal 3 mdq	3	✓	25.0	26.3	105.0
am 28 cal 4 mdq	4	✓	50.0	52.2	104.5
am 28 cal 5 mdq	5	✓	100.0	104.3	104.3
am28 cal 6 mdq	6	✓	250.0	243.9	97.5
am 28 cal 7 mdq	7	✓	500.0	484.1	96.8
am 28 cal 8 mdq	8	✓	1000.0	928.1	92.8

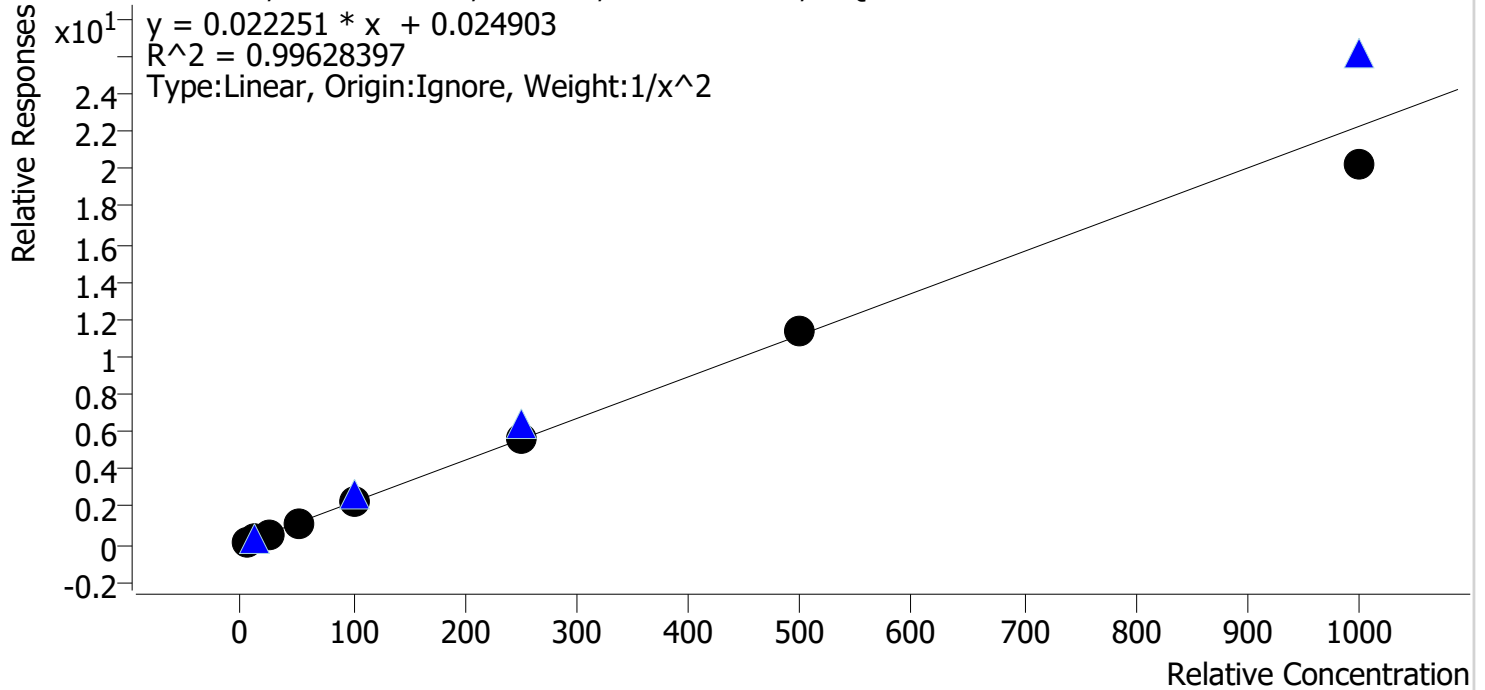
Evaluated Qualitatively due to QC100 accuracy out of range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**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
am 28 cal 1 mdq	1	✓	5.0	4.8	96.3
am 28 cal 2 mdq	2	✓	10.0	10.9	108.6
am 28 cal 3 mdq	3	✓	25.0	24.0	95.9
am 28 cal 4 mdq	4	✓	50.0	50.6	101.3
am 28 cal 5 mdq	5	✓	100.0	101.9	101.9
am28 cal 6 mdq	6	✓	250.0	256.2	102.5
am 28 cal 7 mdq	7	✓	500.0	511.3	102.3
am 28 cal 8 mdq	8	✓	1000.0	912.9	91.3

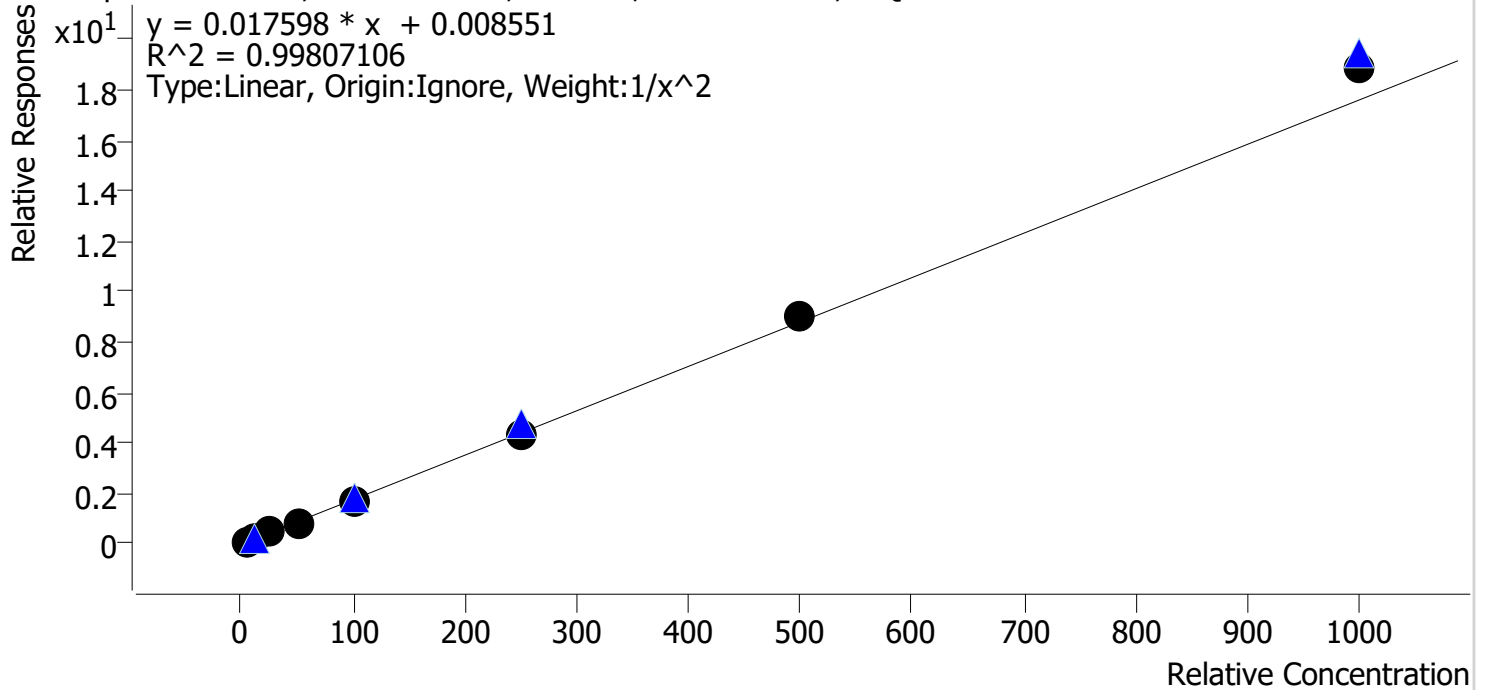
Evaluated Qualitatively due to QC100 accuracy out of range

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5

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

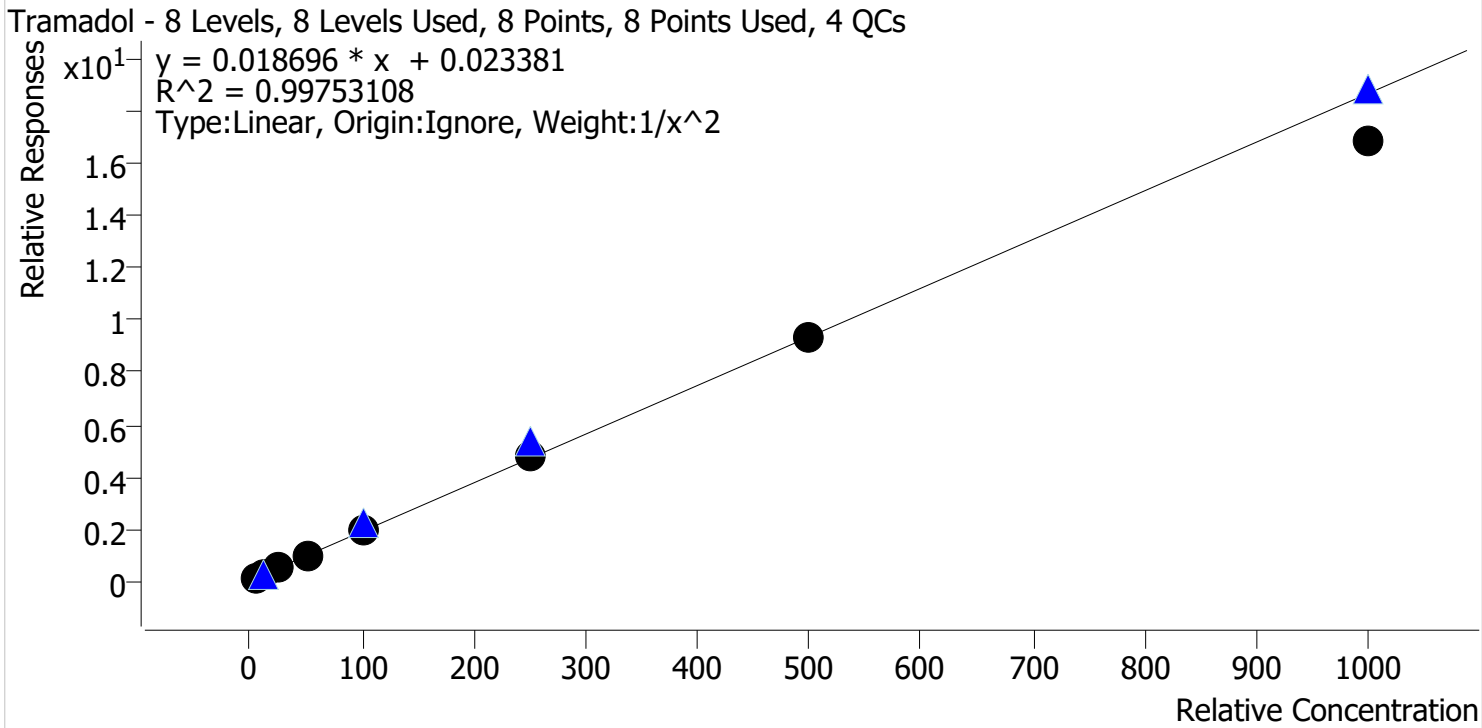


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.6
am 28 cal 2 mdq	2	✓	10.0	10.1	100.6
am 28 cal 3 mdq	3	✓	25.0	24.5	98.1
am 28 cal 4 mdq	4	✓	50.0	48.3	96.5
am 28 cal 5 mdq	5	✓	100.0	95.1	95.1
am28 cal 6 mdq	6	✓	250.0	248.3	99.3
am 28 cal 7 mdq	7	✓	500.0	511.1	102.2
am 28 cal 8 mdq	8	✓	1000.0	1074.9	107.5

# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Tramadol **Internal Standard** **Tramadol-13C-D3**



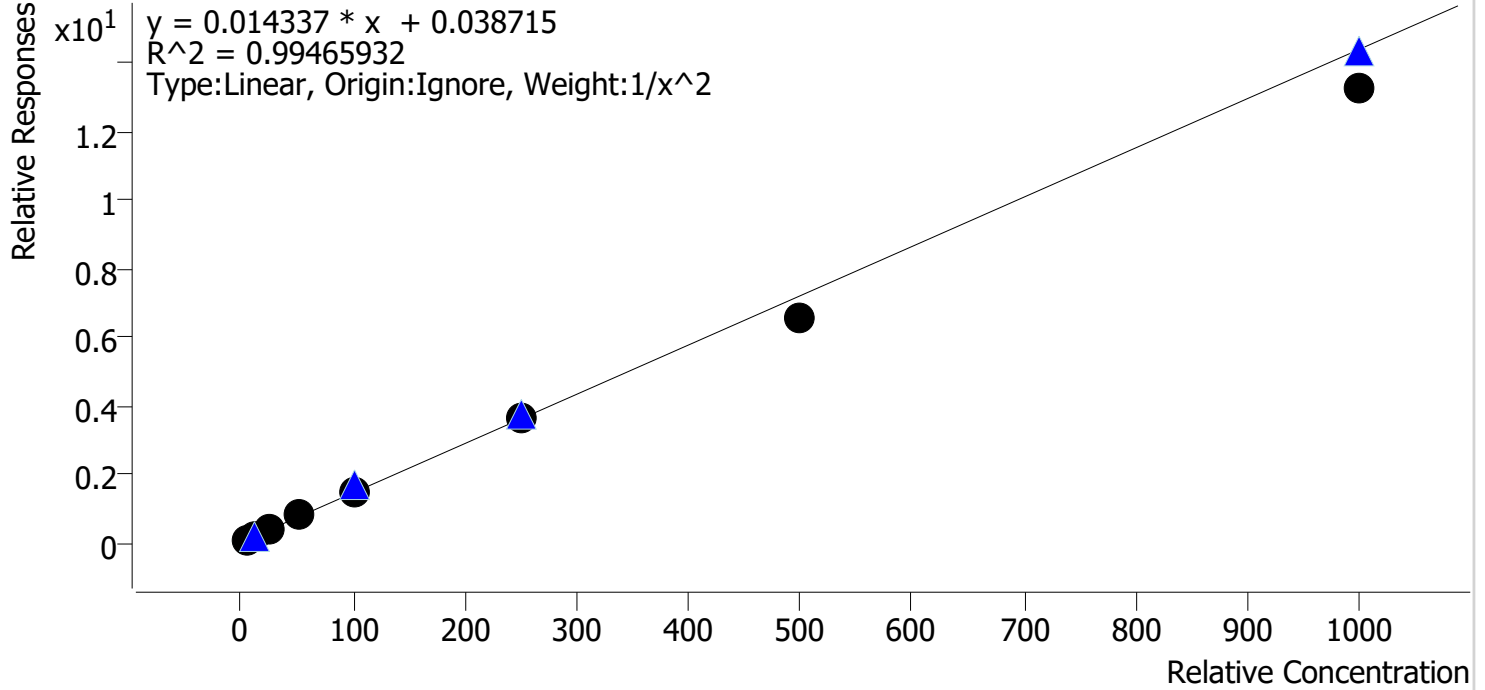
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.2
am 28 cal 2 mdq	2	✓	10.0	10.2	102.2
am 28 cal 3 mdq	3	✓	25.0	25.2	100.7
am 28 cal 4 mdq	4	✓	50.0	52.0	104.1
am 28 cal 5 mdq	5	✓	100.0	103.6	103.6
am28 cal 6 mdq	6	✓	250.0	253.3	101.3
am 28 cal 7 mdq	7	✓	500.0	497.2	99.4
am 28 cal 8 mdq	8	✓	1000.0	905.0	90.5

# Compound Calibration Report

Byylee

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6

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



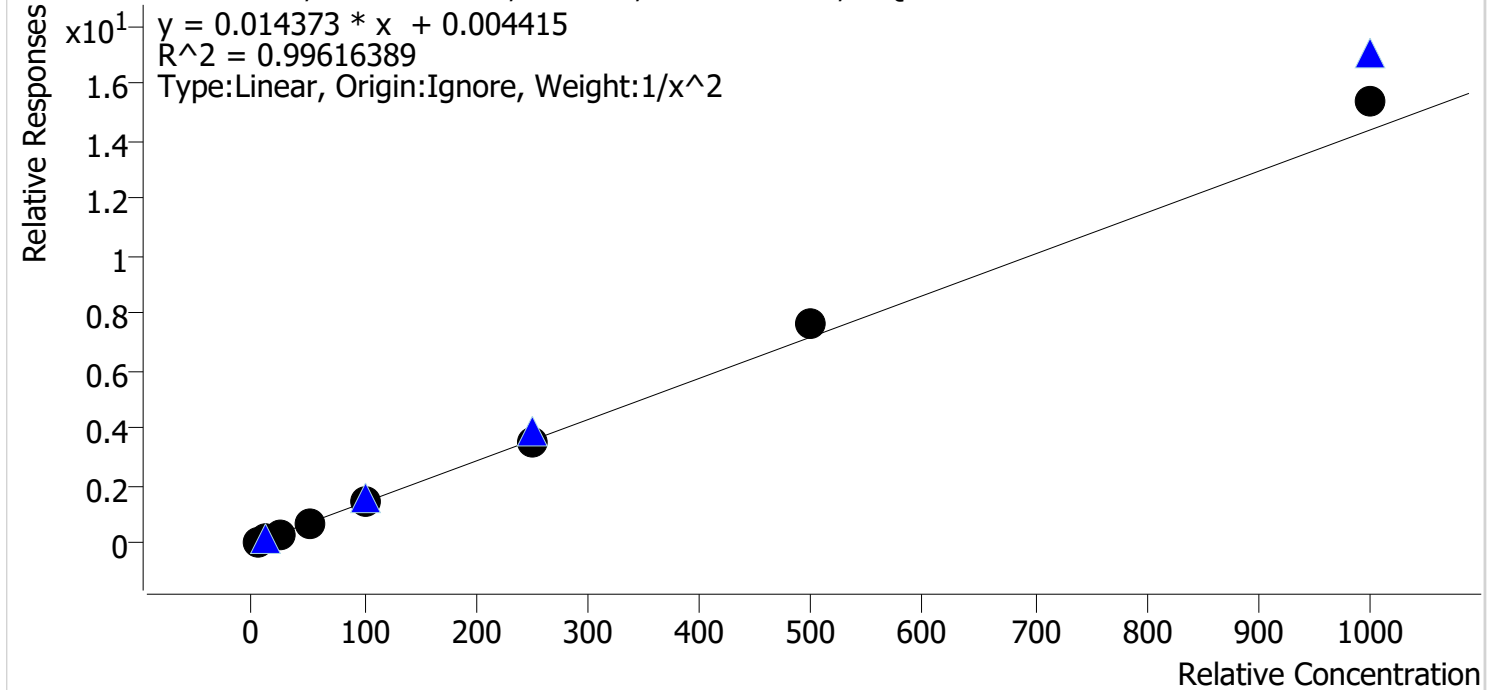
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	95.1
am 28 cal 2 mdq	2	✓	10.0	10.6	105.7
am 28 cal 3 mdq	3	✓	25.0	26.7	106.8
am 28 cal 4 mdq	4	✓	50.0	53.5	106.9
am 28 cal 5 mdq	5	✓	100.0	101.7	101.7
am28 cal 6 mdq	6	✓	250.0	249.7	99.9
am 28 cal 7 mdq	7	✓	500.0	457.4	91.5
am 28 cal 8 mdq	8	✓	1000.0	924.1	92.4

# Compound Calibration Report

*Boyle*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	102.4
am 28 cal 2 mdq	2	✓	10.0	9.9	99.4
am 28 cal 3 mdq	3	✓	25.0	23.1	92.4
am 28 cal 4 mdq	4	✓	50.0	47.0	94.0
am 28 cal 5 mdq	5	✓	100.0	97.8	97.8
am28 cal 6 mdq	6	✓	250.0	249.7	99.9
am 28 cal 7 mdq	7	✓	500.0	534.5	106.9
am 28 cal 8 mdq	8	✓	1000.0	1071.8	107.2

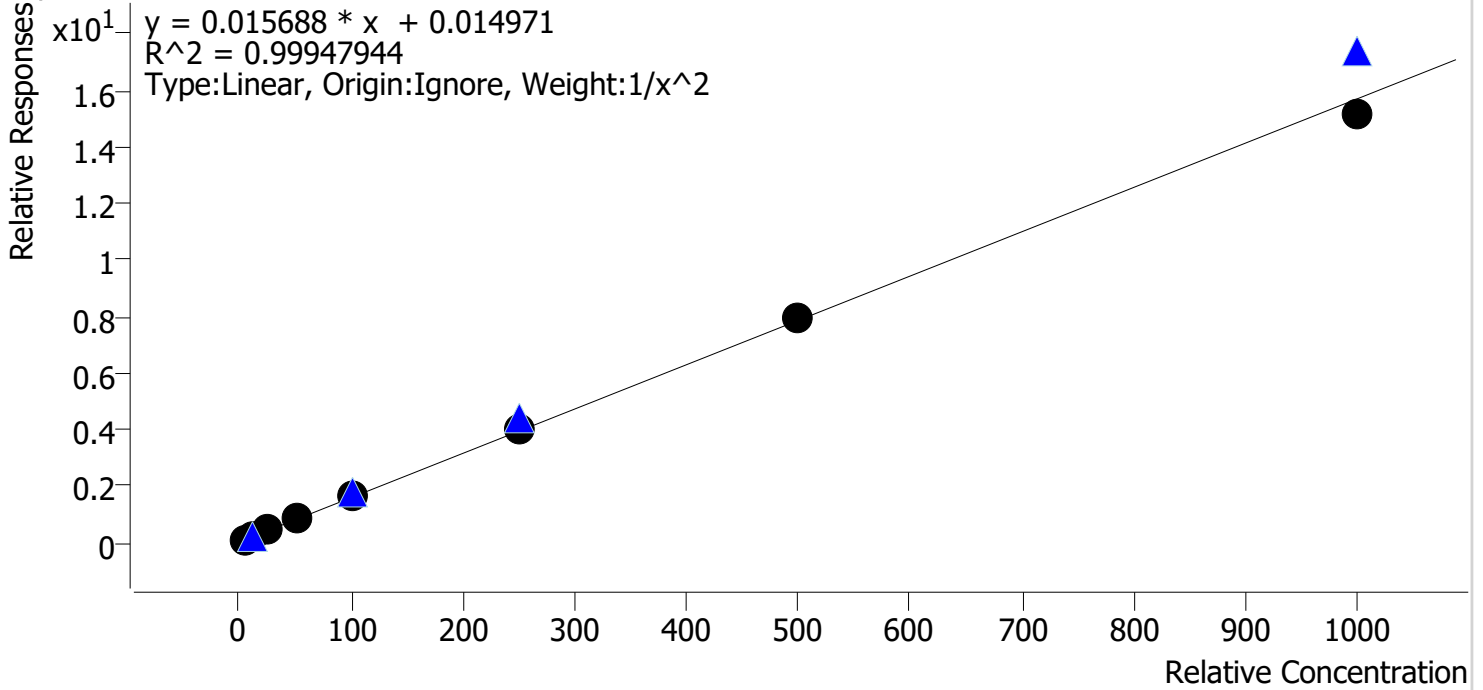


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6

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



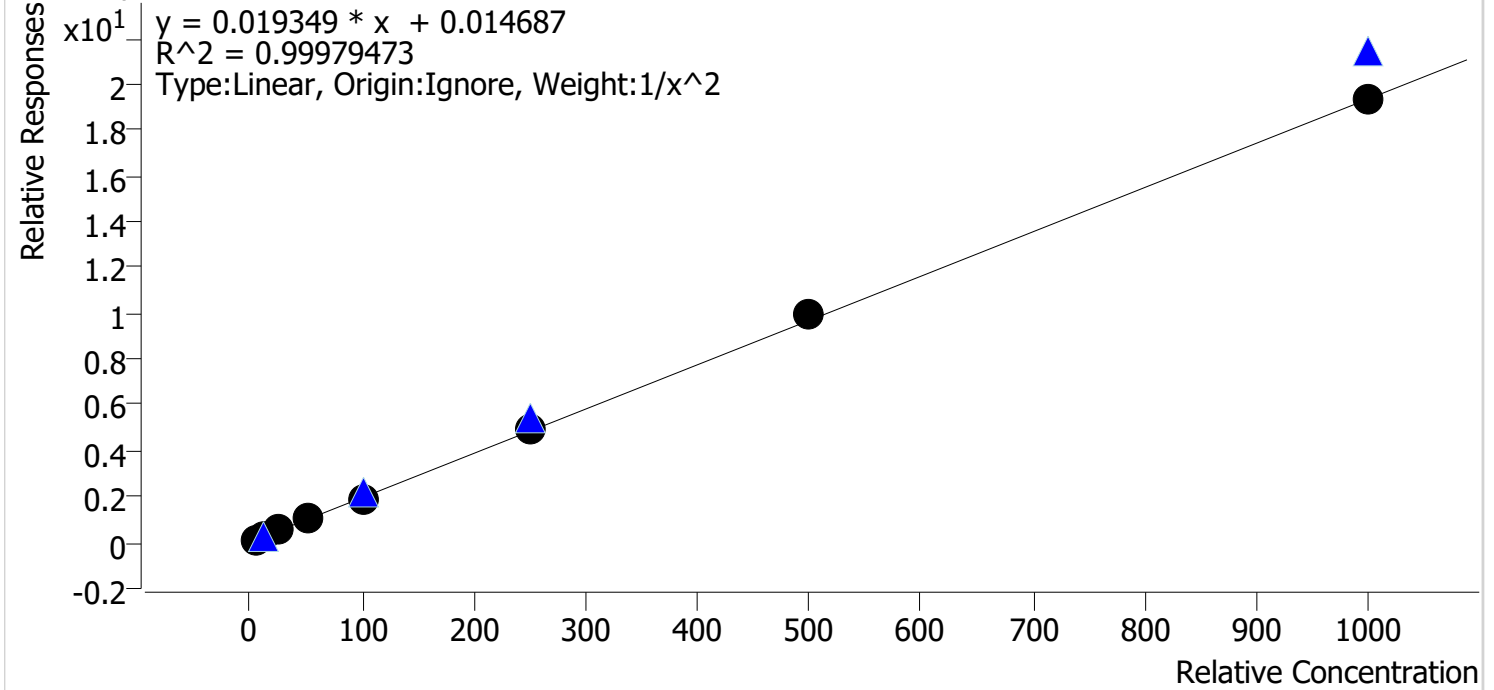
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.8
am 28 cal 2 mdq	2	✓	10.0	9.8	98.0
am 28 cal 3 mdq	3	✓	25.0	24.9	99.7
am 28 cal 4 mdq	4	✓	50.0	50.6	101.2
am 28 cal 5 mdq	5	✓	100.0	102.0	102.0
am28 cal 6 mdq	6	✓	250.0	253.5	101.4
am 28 cal 7 mdq	7	✓	500.0	503.5	100.7
am 28 cal 8 mdq	8	✓	1000.0	961.7	96.2

# Compound Calibration Report

*Bylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**Analyst Name** ISP\datastor  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.5
am 28 cal 2 mdq	2	✓	10.0	10.0	99.8
am 28 cal 3 mdq	3	✓	25.0	24.6	98.4
am 28 cal 4 mdq	4	✓	50.0	49.7	99.4
am 28 cal 5 mdq	5	✓	100.0	99.3	99.3
am28 cal 6 mdq	6	✓	250.0	250.9	100.4
am 28 cal 7 mdq	7	✓	500.0	513.1	102.6
am 28 cal 8 mdq	8	✓	1000.0	996.6	99.7

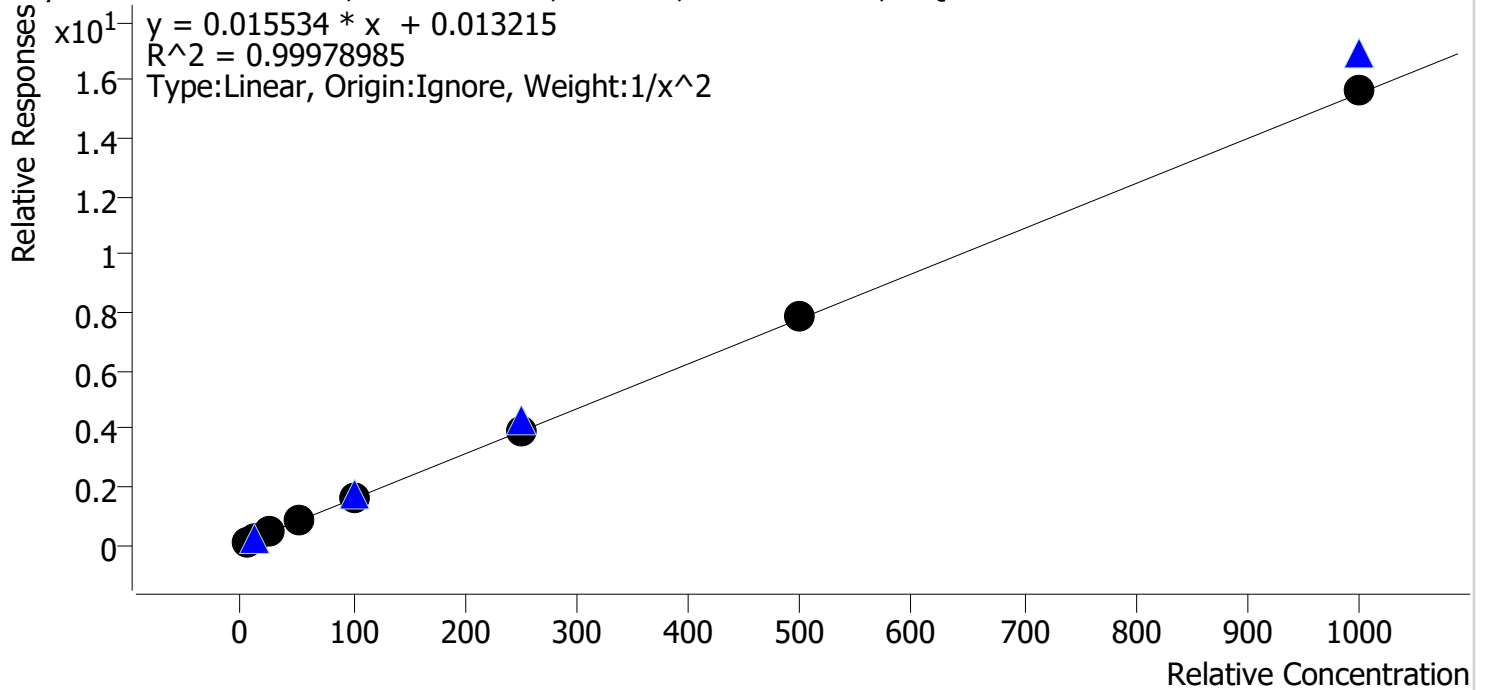


# Compound Calibration Report

*Byylee*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Last Cal. Update** 9/21/2021 10:12 AM  
**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
am 28 cal 1 mdq	1	✓	5.0	5.0	99.5
am 28 cal 2 mdq	2	✓	10.0	10.2	101.9
am 28 cal 3 mdq	3	✓	25.0	24.7	98.8
am 28 cal 4 mdq	4	✓	50.0	49.1	98.2
am 28 cal 5 mdq	5	✓	100.0	99.3	99.3
am28 cal 6 mdq	6	✓	250.0	251.6	100.6
am 28 cal 7 mdq	7	✓	500.0	506.0	101.2
am 28 cal 8 mdq	8	✓	1000.0	1005.0	100.5

# AM #28 Multi-Drug Quant. Results

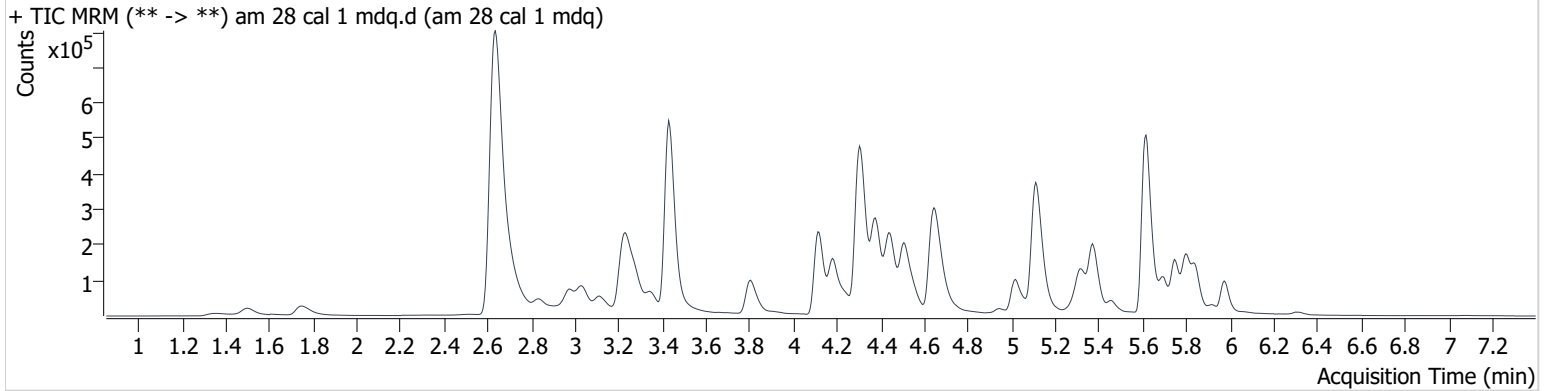
*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 1 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 1 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-A1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 9:57:25 PM		

**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.294	840	1690.1	136.0	∞	49974	0.506 ng/ml
7-aminoclonazepam	4.344	11666	28698.4	62.4	∞	144375	4.949 ng/ml
a-hydroxyalprazolam	5.734	1277	82.1	47.0	91.8	210716	4.532 ng/ml
alpha-PHP	5.153	41767	7974.1	41.4	622.1	319732	4.764 ng/ml
alpha-PVP	4.553	73081	10006.0	54.3	∞	581626	4.825 ng/ml
Alprazolam	5.807	31762	∞	93.2	∞	210716	4.894 ng/ml
Amphetamine	3.114	75020	1539.6	40.3	880.9	224669	5.039 ng/ml
Benzoylcegonine	3.937	1716	10033.5	52.2	75.8	8406	5.148 ng/ml
Buprenorphine	6.329	630	64.9	13.7	18.5	6333	0.507 ng/ml
Bupropion	5.070	43659	∞	66.5	7445.8	319732	4.825 ng/ml
Carisoprodol	5.758	26921	∞	64.3	245.5	216653	5.103 ng/ml
Citalopram	5.301	14839	627.4	31.6	∞	142450	4.993 ng/ml
Clonazepam	5.651	2576	13722.6	30.2	1867.7	8422	5.494 ng/ml
Clonazepam	5.592	7636	9777.4	34.5	635.3	210716	5.364 ng/ml
Cocaine	4.384	50423	78598.6	49.1	15885.7	711680	5.027 ng/ml
Codeine	2.905	6873	10208.0	102.1	∞	68585	4.754 ng/ml
Cyclobenzaprine	5.689	8385	12486.9	13.2	30.1	55804	4.916 ng/ml
Dextromethorphan	5.345	9641	605.9	69.7	1481.5	84262	4.956 ng/ml
Dextrophan	4.185	39820	37707.8	47.5	18142.8	386317	4.982 ng/ml
Diazepam	5.980	20753	∞	95.3	∞	208022	5.024 ng/ml
Dihydrocodeine	2.725	22432	2281.1	65.5	1295.1	247914	4.974 ng/ml
Diphenhydramine	5.382	48016	5849.1	34.3	∞	477528	5.045 ng/ml
Doxylamine	4.659	132237	∞	83.4	4594.5	1021803	4.961 ng/ml
EDDP	5.324	23422	∞	37.9	12177.4	233391	4.918 ng/ml
Etizolam	5.842	1111	4788.8	98.4	1875.4	210716	4.484 ng/ml
Fentanyl	5.467	1164	21.7	67.9 <b>Low</b>	60.1	73636	0.565 ng/ml
Flualprazolam	5.733	19223	∞	87.9	28283.5	210716	4.832 ng/ml
Fluoxetine	5.745	11533	6365.3	6.1	∞	58428	4.996 ng/ml
Hydrocodone	3.264	17341	∞	41.6	∞	209096	3.607 ng/ml
Hydromorphone	1.779	12678	∞	81.8	420.5	104413	4.956 ng/ml
Ketamine	4.470	64739	5303.0	34.4	350.3	606287	4.893 ng/ml
Lamotrigine	4.459	4962	11299.1	94.1	∞	194922	5.366 ng/ml
Levetiracetam	2.702	27507	∞	230.2	6286.9	324436	4.878 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.775	1890	196.5	46.0	32.4	19285	4.302 ng/ml
MDA	3.261	39049	2241.3	28.2	∞	219391	4.799 ng/ml
MDMA	3.353	49815	4183.0	88.2	158227032 684974.0	75294	5.029 ng/ml
Meprobamate	4.962	7106	∞	33.5	78.8	35193	4.826 ng/ml
Methadone	5.698	20026	247.9	64.2	370.2	131266	4.919 ng/ml
Methamphetamine	3.288	88368	1127.8	39.7	1594.7	480297	4.798 ng/ml
Metoprolol	4.380	14191	∞	108.7	∞	219391	4.946 ng/ml
Mirtazapine	5.267	32578	2867.3	52.5	4825.7	131266	5.283 ng/ml
Mitragynine	5.550	2634	2088.1	28.6	∞	91584	5.066 ng/ml
Morphine	1.387	3199	∞	22.9	∞	8881	5.017 ng/ml
Nordiazepam	5.929	5669	8412.0	54.5	∞	38935	4.961 ng/ml
Norfentanyl	4.140	3070	416.2	46.2	7220.6	755436	0.488 ng/ml
Norhydrocodone	3.142	951	57.7	23.2	35.1	37559	5.259 ng/ml
Noroxycodone	2.982	11203	294345203431 31.6	45.7	∞	51543	4.884 ng/ml
O-desmethyl-tramadol	3.440	174133	23720.6	6.1	∞	1642261	5.006 ng/ml
Oxazepam	5.788	2152	563.9	64.4	22.5	19285	5.104 ng/ml
Oxycodone	3.022	26733	∞	33.4	∞	246052	4.945 ng/ml
Oxymorphone	1.514	17186	∞	45.9	∞	74209	4.908 ng/ml
Phentermine	3.837	15953	250.4	10.9 <b>High</b>	309.6	324436	3.814 ng/ml
Promethazine	5.652	16150	738.4	39.1	∞	113644	5.194 ng/ml
Pseudoephedrine	2.646	347344	∞	24.2	13428.1	3104664	5.023 ng/ml
Quetiapine	5.847	11192	∞	54.5	17164.1	65429	4.895 ng/ml
Sertraline	5.823	3432	68.7	119.5	1349.3	25997	4.814 ng/ml
Temazepam	5.850	18924	218.7	30.6	108.2	194922	5.031 ng/ml
Tramadol	4.314	154419	126240.7	3.6	128.1	1340624	4.910 ng/ml
Trazodone	5.831	9792	∞	73.4	∞	91584	4.757 ng/ml
Venlafaxine	5.115	90838	∞	31.3	1301.3	1164279	5.121 ng/ml
Zolpidem	5.620	123791	∞	32.1	∞	1316051	5.041 ng/ml

# AM #28 Multi-Drug Quant. Results

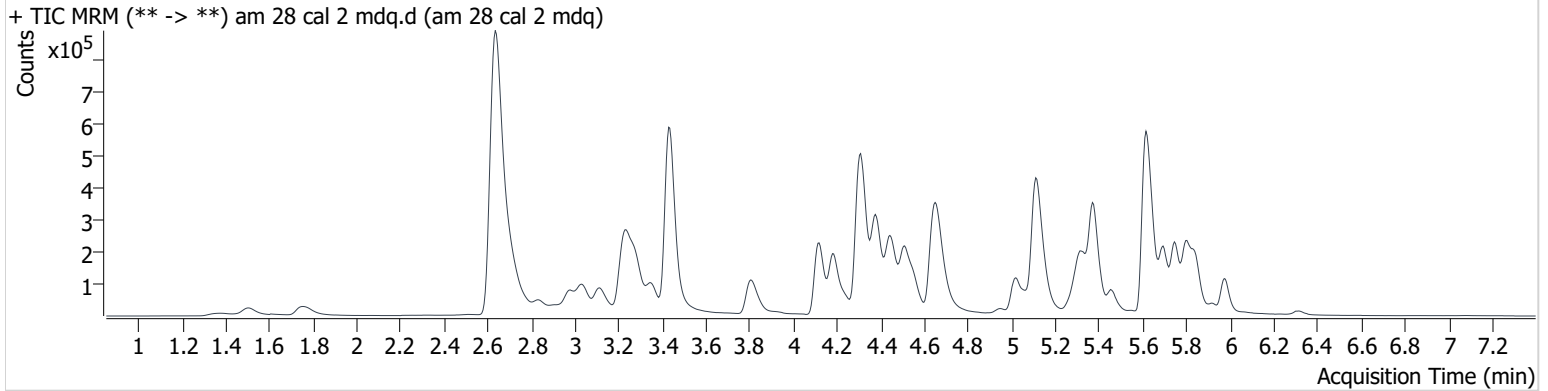
*Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 2 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 2 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-B1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 10:06:27 PM		

**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.299	1781	7684.9	112.4	∞	48538	1.049 ng/ml
7-aminoclonazepam	4.349	22963	∞	66.0	76095.5	145877	10.277 ng/ml
a-hydroxyalprazolam	5.734	3174	329.8	47.6	520.1	209718	11.280 ng/ml
alpha-PHP	5.153	90960	23207.7	38.9	6010.0	378914	10.637 ng/ml
alpha-PVP	4.553	146512	16540.4	53.3	7850.9	603409	10.482 ng/ml
Alprazolam	5.807	56884	∞	93.7	11733.3	209718	10.114 ng/ml
Amphetamine	3.114	159237	2174.3	42.3	1732.9	258039	9.914 ng/ml
Benzoylcegonine	3.937	3140	920.8	64.1	103.8	8353	9.843 ng/ml
Buprenorphine	6.335	906	34.5	11.9	66.8	6107	0.921 ng/ml
Bupropion	5.070	95937	5571258.2	68.1	3662.5	378914	10.312 ng/ml
Carisoprodol	5.758	47102	512143.8	65.3	1717.9	208547	9.719 ng/ml
Citalopram	5.301	46331	4994.7	30.5	11752.7	234550	10.034 ng/ml
Clonazepam	5.656	3952	∞	28.8	∞	9301	8.393 ng/ml
Clonazepam	5.592	13808	35062.8	38.8	16479.4	209718	9.258 ng/ml
Cocaine	4.384	94810	∞	49.4	15821.3	735836	9.896 ng/ml
Codeine	2.905	12683	34121.4	89.4	60640.3	67343	10.482 ng/ml
Cyclobenzaprine	5.689	38034	178839.5	11.6	62.5	131965	10.386 ng/ml
Dextromethorphan	5.345	33322	1960.4	75.1	966.0	153583	10.273 ng/ml
Dextrophan	4.185	83512	13969.7	45.0	∞	434166	10.185 ng/ml
Diazepam	5.980	39251	7332.0	98.1	42532.7	217307	9.762 ng/ml
Dihydrocodeine	2.720	41363	2461.4	64.8	2115.0	241184	10.189 ng/ml
Diphenhydramine	5.377	146689	2856.5	31.8	357144.0	762952	9.998 ng/ml
Doxylamine	4.659	261722	1019728.8	78.3	10873.7	1046152	10.223 ng/ml
EDDP	5.324	57755	∞	39.1	∞	293406	10.304 ng/ml
Etizolam	5.842	2409	3672.7	82.5	3276.9	209718	11.790 ng/ml
Fentanyl	5.467	4256	∞	101.7	8499.7	159036	1.016 ng/ml
Flualprazolam	5.739	36435	∞	89.3	159326.3	209718	10.319 ng/ml
Fluoxetine	5.750	47460	22539.1	5.7	4982.3	131684	10.039 ng/ml
Hydrocodone	3.264	32517	∞	40.7	825.4	204146	10.035 ng/ml
Hydromorphone	1.779	23932	2155.6	88.4	1231.8	101135	10.291 ng/ml
Ketamine	4.470	120705	∞	34.6	1952.6	612612	10.136 ng/ml
Lamotrigine	4.459	9833	∞	88.0	∞	189127	9.357 ng/ml
Levetiracetam	2.702	48925	∞	237.8	3415.8	361741	10.182 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	3501	∞	58.0	∞	18734	9.453 ng/ml
MDA	3.261	78906	2811.8	27.7	∞	239670	10.473 ng/ml
MDMA	3.353	97399	∞	90.4	475255685 64679.1	81771	9.861 ng/ml
Meprobamate	4.967	14108	∞	32.7	678.2	36342	10.412 ng/ml
Methadone	5.698	69496	4992.9	69.1	13795.1	230364	10.355 ng/ml
Methamphetamine	3.288	167689	∞	39.4	248.2	577629	10.326 ng/ml
Metoprolol	4.386	27824	∞	107.6	∞	239670	10.039 ng/ml
Mirtazapine	5.272	85537	30763.4	57.8	66730.0	230364	9.047 ng/ml
Mitragynine	5.550	10228	95805.9	33.0	∞	156083	9.967 ng/ml
Morphine	1.392	5927	∞	22.9	∞	9123	9.736 ng/ml
Nordiazepam	5.929	11442	∞	53.0	∞	41655	10.087 ng/ml
Norfentanyl	4.140	5897	152.4	43.7	∞	732532	1.052 ng/ml
Norhydrocodone	3.131	1651	30.5	23.0	67.0	39211	9.183 ng/ml
Noroxycodone	2.982	23430	∞	49.7	∞	51924	10.603 ng/ml
O-desmethyl-tramadol	3.440	324584	264483.3	6.0	237954585 19647.4	1636413	10.072 ng/ml
Oxazepam	5.788	3491	∞	59.0	73.2	18734	9.338 ng/ml
Oxycodone	3.022	50522	∞	30.4	∞	244018	10.111 ng/ml
Oxymorphone	1.514	32038	∞	46.7	∞	73232	10.272 ng/ml
Phentermine	3.842	33689	367.7	9.3	166.5	361741	9.501 ng/ml
Promethazine	5.652	67478	6974.9	43.3	1425.0	258555	9.510 ng/ml
Pseudoephedrine	2.646	649416	9965.6	24.5	164294.3	3123972	9.985 ng/ml
Quetiapine	5.847	31105	∞	58.2	50534.4	99936	10.109 ng/ml
Sertraline	5.829	15964	1147.9	108.7	957.3	59907	10.856 ng/ml
Temazepam	5.850	35105	2378.2	28.8	556.5	189127	10.061 ng/ml
Tramadol	4.319	288071	48567.7	3.7	382.5	1343224	10.220 ng/ml
Trazodone	5.831	29694	61864.6	76.2	408750.9	156083	10.569 ng/ml
Venlafaxine	5.115	180816	31563.5	32.3	2667.0	1227765	9.939 ng/ml
Zolpidem	5.620	226744	406976.9	32.5	2378.7	1344088	9.799 ng/ml



# AM #28 Multi-Drug Quant. Results

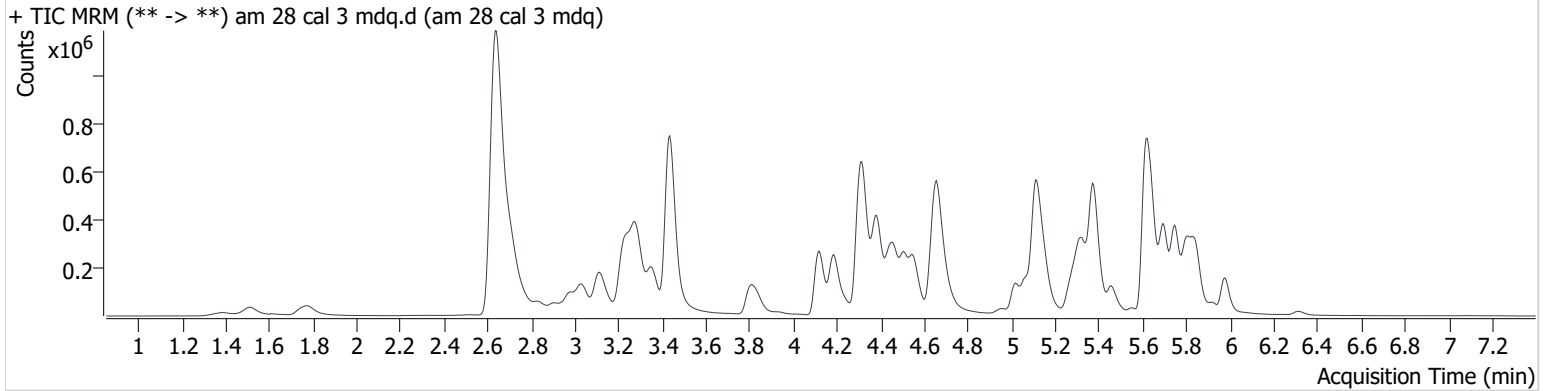
*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 3 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 3 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-C1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 10:15:29 PM		

**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.294	3731	∞	143.6	4662.1	47825	2.180 ng/ml
7-aminoclonazepam	4.349	53997	95441.6	63.7	139882.7	149723	24.410 ng/ml
a-hydroxyalprazolam	5.734	7822	709.9	48.5	122.9	203232	28.649 ng/ml
alpha-PHP	5.153	223458	170057.4	40.2	3124.0	427285	25.821 ng/ml
alpha-PVP	4.553	363691	41817.1	53.7	19547.4	653154	25.643 ng/ml
Alprazolam	5.808	129172	3917.7	94.9	∞	203232	25.897 ng/ml
Amphetamine	3.114	414733	∞	42.4	5919.7	283359	24.486 ng/ml
Benzoylcegonine	3.937	7601	∞	64.2	221.9	8887	22.949 ng/ml
Buprenorphine	6.335	2530	332.5	14.4	61.7	6801	2.815 ng/ml
Bupropion	5.070	254686	∞	67.9	7400.5	427285	26.442 ng/ml
Carisoprodol	5.758	110303	∞	59.3	1075.4	201745	24.298 ng/ml
Citalopram	5.301	132595	24018.4	32.5	19841.1	285459	24.448 ng/ml
Clonazepam	5.651	8686	16917.2	30.2	5825.9	8450	23.081 ng/ml
Clonazepam	5.592	32820	58170.3	39.1	4198.5	203232	21.838 ng/ml
Cocaine	4.384	234896	466735.0	50.1	∞	760789	24.997 ng/ml
Codeine	2.900	30803	∞	91.9	6163.2	69041	27.244 ng/ml
Cyclobenzaprine	5.689	116632	509095.9	11.5	1530.9	180324	24.603 ng/ml
Dextromethorphan	5.345	97993	7928.3	75.9	∞	198424	24.629 ng/ml
Dextrophan	4.185	201175	∞	46.3	∞	460789	24.422 ng/ml
Diazepam	5.980	97870	117553.1	91.9	∞	217038	25.602 ng/ml
Dihydrocodeine	2.720	98959	3514.8	65.8	186.7	249352	24.697 ng/ml
Diphenhydramine	5.382	432777	16972.4	30.1	226059.9	942621	24.410 ng/ml
Doxylamine	4.660	682694	379566.3	79.5	∞	1172869	24.686 ng/ml
EDDP	5.324	156439	∞	41.2	75807.0	331232	25.677 ng/ml
Etizolam	5.842	4822	∞	92.0	17312.5	203232	26.179 ng/ml
Fentanyl	5.467	14131	∞	100.9	31034.9	231923	2.423 ng/ml
Flualprazolam	5.739	83124	∞	93.4	540172.1	203232	25.969 ng/ml
Fluoxetine	5.750	159801	23023.5	6.5	∞	187289	25.283 ng/ml
Hydrocodone	3.264	77138	∞	42.8	∞	216150	26.672 ng/ml
Hydromorphone	1.784	57294	∞	82.8	∞	106170	24.322 ng/ml
Ketamine	4.470	301049	16720.6	33.4	24109.7	642048	25.930 ng/ml
Lamotrigine	4.464	23385	1390.8	94.5	∞	180642	21.007 ng/ml
Levetiracetam	2.702	118376	1166776.8	230.2	36373.4	405225	26.671 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	9005	∞	46.9	80.4	17684	28.132 ng/ml
MDA	3.261	185365	12877.8	27.9	∞	247353	26.237 ng/ml
MDMA	3.353	250757	445749.4	88.8	390804572 64994.3	87745	25.069 ng/ml
Meprobamate	4.967	33344	48919.1	30.2	810.4	37106	25.721 ng/ml
Methadone	5.698	213125	2500.7	65.7	3964.1	303882	24.925 ng/ml
Methamphetamine	3.288	451196	∞	39.9	2292.0	744832	26.730 ng/ml
Metoprolol	4.386	67801	∞	104.1	∞	247353	25.690 ng/ml
Mirtazapine	5.272	260825	∞	56.1	∞	303882	23.935 ng/ml
Mitragynine	5.550	35156	89778.5	35.5	∞	205400	24.047 ng/ml
Morphine	1.392	13844	∞	21.7	∞	9173	23.752 ng/ml
Nordiazepam	5.929	26740	126521.4	57.8	1214094.1	40854	25.171 ng/ml
Norfentanyl	4.140	15889	∞	39.7	∞	857011	2.536 ng/ml
Norhydrocodone	3.137	4651	∞	28.9	72.1	43854	24.151 ng/ml
Noroxycodone	2.977	56375	∞	48.3	∞	55432	24.439 ng/ml
O-desmethyl-tramadol	3.440	784782	843518.8	6.0	21338.3	1694517	24.603 ng/ml
Oxazepam	5.788	8525	∞	68.1	∞	17684	26.076 ng/ml
Oxycodone	3.022	125740	∞	31.8	∞	254206	25.211 ng/ml
Oxymorphone	1.514	75634	∞	46.1	∞	74601	25.286 ng/ml
Phentermine	3.837	91672	793.0	8.5	∞	405225	26.722 ng/ml
Promethazine	5.652	224786	12492.6	39.8	∞	336084	24.318 ng/ml
Pseudoephedrine	2.646	1629680	339487.6	24.6	∞	3321578	24.598 ng/ml
Quetiapine	5.847	89169	18743.3	58.0	131318.5	119621	26.254 ng/ml
Sertraline	5.829	44114	236828401244 1.5	124.0	1794.0	79018	23.971 ng/ml
Temazepam	5.850	79517	28362.9	32.2	371.4	180642	24.527 ng/ml
Tramadol	4.319	705657	∞	3.6	392.1	1428695	25.167 ng/ml
Trazodone	5.831	86574	∞	82.9	∞	205400	26.699 ng/ml
Venlafaxine	5.115	436182	177362.8	34.1	2825.3	1295895	23.111 ng/ml
Zolpidem	5.620	563221	∞	31.7	6946.3	1387237	24.925 ng/ml

# AM #28 Multi-Drug Quant. Results

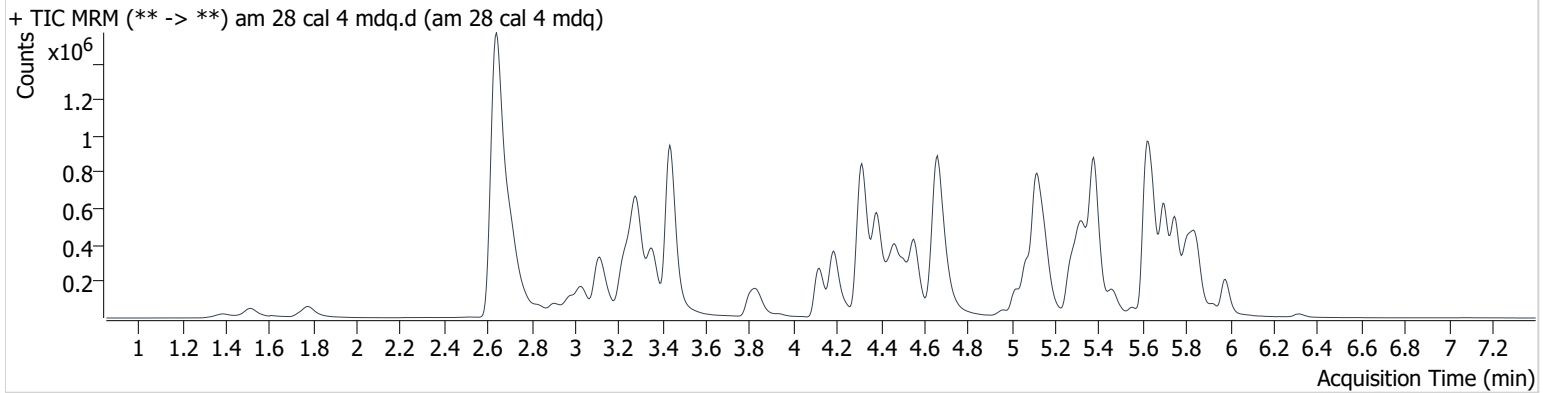
*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 4 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 4 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-D1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 10:24:30 PM		

**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.299	6938	30766.5	132.9	2301.9	42543	4.507 ng/ml
7-aminoclonazepam	4.349	98650	7161.4	62.9	196411.4	134632	50.285 ng/ml
a-hydroxyalprazolam	5.734	12925	712.9	46.4	90.2	184606	52.095 ng/ml
alpha-PHP	5.158	505327	194925.4	40.3	∞	493092	52.755 ng/ml
alpha-PVP	4.553	748433	57249.0	53.7	21530.8	679327	51.951 ng/ml
Alprazolam	5.808	229726	10322.0	97.2	∞	184606	52.269 ng/ml
Amphetamine	3.114	851619	∞	42.3	∞	291917	49.509 ng/ml
Benzoylcegonine	3.937	14394	7413.3	60.4	∞	8085	48.240 ng/ml
Buprenorphine	6.335	5422	611.4	14.9	∞	8226	5.245 ng/ml
Bupropion	5.070	566728	184823.3	67.9	8591.9	493092	52.471 ng/ml
Carisoprodol	5.758	200329	∞	58.8	28888.5	181241	49.677 ng/ml
Citalopram	5.301	303962	∞	30.7	98767.0	315126	51.447 ng/ml
Clonazepam	5.651	16952	31827.4	32.3	∞	8329	47.618 ng/ml
Clonazepam	5.592	61937	12765.0	37.4	6728.3	184606	44.726 ng/ml
Cocaine	4.384	463265	∞	50.5	∞	756221	50.502 ng/ml
Codeine	2.905	55691	310542.1	94.2	∞	65233	53.739 ng/ml
Cyclobenzaprine	5.689	243638	1672148.3	11.9	1821.3	189008	50.068 ng/ml
Dextromethorphan	5.345	226323	22250.2	75.9	5990.5	235114	48.932 ng/ml
Dextrophan	4.185	430339	44958.0	46.4	396472.3	495797	49.567 ng/ml
Diazepam	5.980	178795	14406.6	93.2	∞	202153	51.004 ng/ml
Dihydrocodeine	2.720	181993	1994.6	67.0	800.8	234451	49.120 ng/ml
Diphenhydramine	5.382	991611	19127.6	31.2	21914.3	1095051	48.520 ng/ml
Doxylamine	4.659	1419643	250422.1	79.1	331365.7	1219398	50.054 ng/ml
EDDP	5.318	343868	∞	40.4	385422.7	389173	48.632 ng/ml
Etizolam	5.842	8495	7063.0	93.7	5842.1	184606	52.379 ng/ml
Fentanyl	5.473	31641	∞	103.9	100690.0	252862	5.066 ng/ml
Flualprazolam	5.739	153881	∞	87.4	∞	184606	54.207 ng/ml
Fluoxetine	5.750	321859	∞	6.7	87709.4	198248	49.110 ng/ml
Hydrocodone	3.264	148925	∞	45.2	∞	210120	56.301 ng/ml
Hydromorphone	1.784	105412	∞	84.9	∞	101337	47.500 ng/ml
Ketamine	4.470	570476	116488.7	33.9	13393.5	615525	52.533 ng/ml
Lamotrigine	4.464	44131	536623.9	92.8	4797.6	153533	44.766 ng/ml
Levetiracetam	2.702	216993	4086.0	230.7	8067.5	434988	48.398 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	14264	∞	52.0	394.6	16571	48.503 ng/ml
MDA	3.261	372663	85548.4	28.5	∞	251944	53.615 ng/ml
MDMA	3.353	533660	∞	88.4	∞	94873	50.320 ng/ml
Meprobamate	4.967	64110	268996.2	30.9	4060.8	35112	53.531 ng/ml
Methadone	5.703	486212	∞	68.3	8738.9	349667	50.047 ng/ml
Methamphetamine	3.288	920219	18595.1	40.8	35396.0	792718	55.593 ng/ml
Metoprolol	4.386	133846	∞	104.7	∞	251944	51.160 ng/ml
Mirtazapine	5.272	599722	64961.8	54.1	∞	349667	50.127 ng/ml
Mitragynine	5.550	75904	123560.6	36.9	121871.5	218588	47.519 ng/ml
Morphine	1.387	30669	∞	17.7	∞	8532	57.751 ng/ml
Nordiazepam	5.929	49669	∞	56.7	∞	37909	51.209 ng/ml
Norfentanyl	4.140	29858	∞	41.1	5843.3	869919	4.770 ng/ml
Norhydrocodone	3.137	9819	269.2	26.9	117.4	48066	47.135 ng/ml
Noroxycodone	2.977	105843	∞	49.7	∞	50867	50.452 ng/ml
O-desmethyl-tramadol	3.440	1461655	368922.2	6.1	5306.6	1607001	49.102 ng/ml
Oxazepam	5.788	15720	446.4	71.8	362.3	16571	52.485 ng/ml
Oxycodone	3.022	237570	∞	31.2	∞	240071	51.197 ng/ml
Oxymorphone	1.514	139570	∞	46.5	∞	69963	50.843 ng/ml
Phentermine	3.837	190491	2041.9	8.7	∞	434988	54.114 ng/ml
Promethazine	5.652	475144	49166.8	40.1	9044.2	370062	46.650 ng/ml
Pseudoephedrine	2.646	3121046	∞	24.1	77656.2	3196969	49.697 ng/ml
Quetiapine	5.847	188117	15253.5	56.4	∞	130239	52.245 ng/ml
Sertraline	5.829	89225	∞	120.1	86833.7	77461	50.648 ng/ml
Temazepam	5.850	131713	135545.1	31.7	7066.7	153533	48.262 ng/ml
Tramadol	4.319	1398584	130267.9	3.6	5629.2	1403917	52.033 ng/ml
Trazodone	5.831	176016	∞	79.0	108552.9	218588	53.466 ng/ml
Venlafaxine	5.121	920514	2280745.5	33.2	8028.4	1353313	47.017 ng/ml
Zolpidem	5.625	1057428	464911.9	31.9	70607.0	1307668	50.590 ng/ml

# AM #28 Multi-Drug Quant. Results

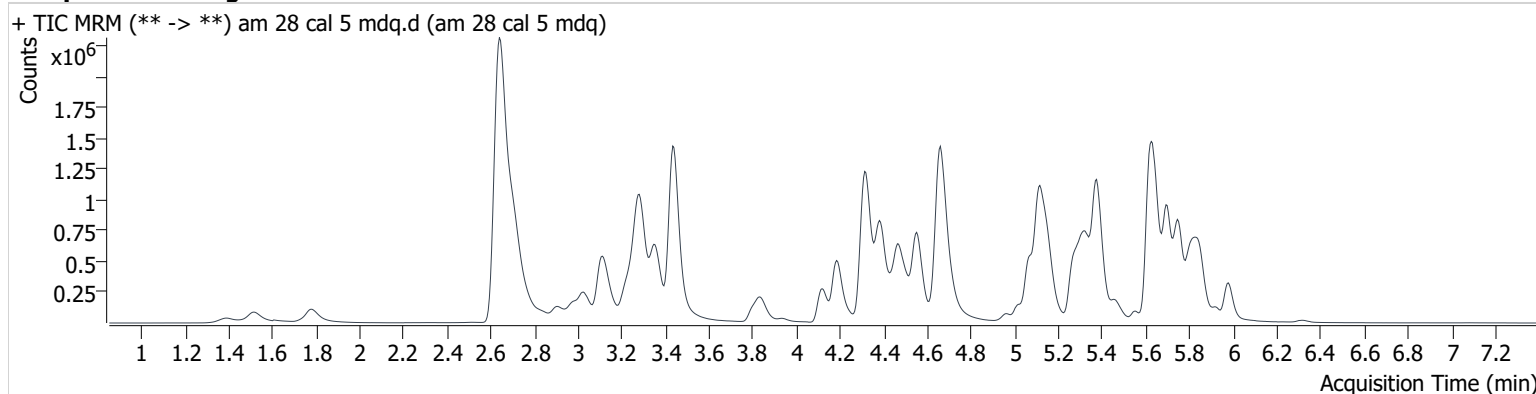
*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 5 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 5 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-E1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 10:33:32 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.299	13609	59185.1	131.6	4805.0	39021	9.587 ng/ml
7-aminoclonazepam	4.349	187039	17251.3	65.0	903554.4	128195	100.790 ng/ml
a-hydroxyalprazolam	5.734	22504	1033.7	54.3	562.1	173704	96.375 ng/ml
alpha-PHP	5.158	890154	28998.9	40.5	∞	433483	107.964 ng/ml
alpha-PVP	4.553	1406081	652028.5	52.9	24938.7	640868	104.687 ng/ml
Alprazolam	5.802	440972	10891.8	93.5	∞	173704	108.332 ng/ml
Amphetamine	3.114	1524333	21468.3	40.3	22845.7	253141	102.946 ng/ml
Benzoylcegonine	3.937	31798	∞	58.1	1147.1	9230	93.750 ng/ml
Buprenorphine	6.335	9517	∞	14.9	358.4	8424	9.229 ng/ml
Bupropion	5.070	1002894	2505890.7	66.8	247796.1	433483	107.242 ng/ml
Carisoprodol	5.758	361263	∞	61.2	∞	166677	97.933 ng/ml
Citalopram	5.301	526288	39067.7	30.0	32646.6	276834	102.011 ng/ml
Clonazepam	5.651	32106	59613.6	33.2	∞	7845	97.722 ng/ml
Clonazepam	5.592	126235	248699.8	39.3	87796.9	173704	96.180 ng/ml
Cocaine	4.384	854470	3067378.7	52.3	∞	731125	97.182 ng/ml
Codeine	2.905	108416	∞	94.5	16620.9	65837	105.293 ng/ml
Cyclobenzaprine	5.689	466616	33393.2	11.5	2273.3	179873	101.814 ng/ml
Dextromethorphan	5.345	409589	266443.2	72.4	∞	208773	100.740 ng/ml
Dextrophan	4.185	778085	538083.4	46.0	1343972.3	450309	99.690 ng/ml
Diazepam	5.980	342589	11940.3	94.6	13350.3	197195	100.979 ng/ml
Dihydrocodeine	2.720	357014	1195.1	68.5	1641.5	229584	99.254 ng/ml
Diphenhydramine	5.377	1705876	45433.2	31.8	557479.2	949347	96.660 ng/ml
Doxylamine	4.659	2625538	1658023.2	81.0	323146.8	1164464	97.574 ng/ml
EDDP	5.324	609786	26172.4	40.9	∞	348300	97.031 ng/ml
Etizolam	5.842	15723	12598.2	96.9	143037.3	173704	104.693 ng/ml
Fentanyl	5.473	57574	∞	102.7	130416.9	236413	9.940 ng/ml
Flualprazolam	5.739	278487	49584.1	87.6	∞	173704	105.400 ng/ml
Fluoxetine	5.750	551734	251742.7	6.6	108034.3	177293	95.153 ng/ml
Hydrocodone	3.259	289913	∞	44.3	∞	216114	109.574 ng/ml
Hydromorphone	1.784	239856	∞	65.8	∞	102849	107.320 ng/ml
Ketamine	4.470	1098328	48597.9	34.1	38881.4	595622	105.817 ng/ml
Lamotrigine	4.459	83803	60017.2	92.6	∞	133569	95.895 ng/ml
Levetiracetam	2.702	422238	51409.8	233.9	21946.5	394624	108.427 ng/ml

# AM #28 Multi-Drug Quant. Results

*B. Wylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	31946	∞	50.0	∞	17365	105.228 ng/ml
MDA	3.256	594640	165042.5	28.3	∞	213465	102.632 ng/ml
MDMA	3.353	941109	41458.8	88.7	33270.4	84959	100.073 ng/ml
Meprobamate	4.967	130260	25868.3	31.4	2862.2	37009	104.332 ng/ml
Methadone	5.703	873712	∞	64.4	14484.3	323776	97.730 ng/ml
Methamphetamine	3.288	1504992	∞	41.8	9561.7	722663	103.522 ng/ml
Metoprolol	4.386	224992	∞	107.6	∞	213465	102.938 ng/ml
Mirtazapine	5.267	1043035	149873.7	57.0	∞	323776	96.175 ng/ml
Mitragynine	5.550	143531	205092.6	35.2	∞	197401	98.152 ng/ml
Morphine	1.392	59579	∞	22.0	∞	8739	110.307 ng/ml
Nordiazepam	5.929	99436	∞	56.8	∞	39643	98.783 ng/ml
Norfentanyl	4.140	60877	1634.6	40.8	25654.6	855902	9.978 ng/ml
Norhydrocodone	3.136	20774	∞	29.5	2530.3	48670	99.216 ng/ml
Noroxycodone	2.982	198803	∞	50.0	∞	50537	95.767 ng/ml
O-desmethyl-tramadol	3.440	2997577	1769033.8	6.0	173786.8	1635933	99.743 ng/ml
Oxazepam	5.782	29901	32739.4	71.4	1391.5	17365	96.257 ng/ml
Oxycodone	3.022	479644	∞	32.1	∞	242325	103.162 ng/ml
Oxymorphone	1.514	276508	∞	45.1	∞	69806	102.062 ng/ml
Phentermine	3.842	335276	4219.6	8.1	1165.9	394624	107.382 ng/ml
Promethazine	5.652	910068	35852.4	39.9	28220.2	352078	93.879 ng/ml
Pseudoephedrine	2.648	6029776	∞	24.3	46513.0	3115758	99.261 ng/ml
Quetiapine	5.847	319093	39429.5	58.8	59840.0	112163	104.324 ng/ml
Sertraline	5.823	151546	4158.8	118.5	10953.7	66093	101.928 ng/ml
Temazepam	5.850	224703	16070.6	32.2	13729.5	133569	95.109 ng/ml
Tramadol	4.319	2694510	237545.4	3.6	3437.7	1374288	103.618 ng/ml
Trazodone	5.831	295377	∞	82.6	∞	197401	101.670 ng/ml
Venlafaxine	5.115	1730364	373670.7	32.4	70647.8	1227678	97.756 ng/ml
Zolpidem	5.625	2113691	∞	30.3	∞	1308037	102.049 ng/ml

# AM #28 Multi-Drug Quant. Results

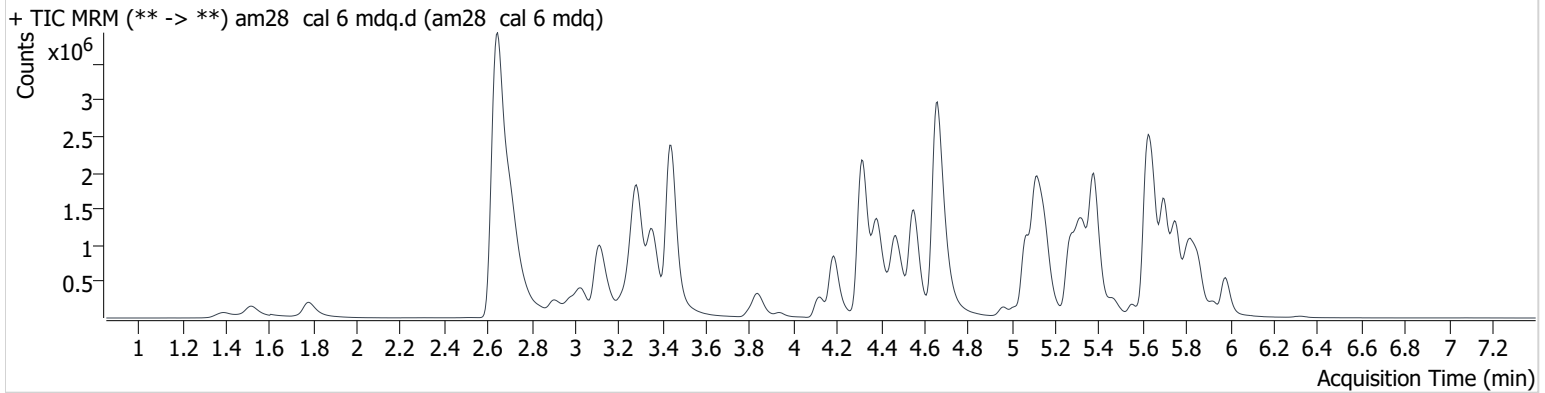
*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am28 cal 6 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am28 cal 6 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-F1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 10:42:34 PM		

**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.299	25276	138892.6	130.3	∞	27589	25.109 ng/ml
7-aminoclonazepam	4.344	347083	11419.2	66.6	34870.8	95450	252.196 ng/ml
a-hydroxyalprazolam	5.734	45420	1458.3	50.8	1110.9	141270	239.133 ng/ml
alpha-PHP	5.153	1916125	401878.6	40.0	46444.1	397165	256.684 ng/ml
alpha-PVP	4.553	3082321	296694.0	53.0	65023.1	586297	252.581 ng/ml
Alprazolam	5.808	841302	∞	95.0	154522.1	141270	256.332 ng/ml
Amphetamine	3.114	2866023	187163325788 6450.0	41.6	21574.5	196287	250.631 ng/ml
Benzoylcegonine	3.937	79409	20282.4	57.1	4476.9	8635	250.996 ng/ml
Buprenorphine	6.335	20530	1395.4	15.3	2008.5	7087	24.188 ng/ml
Bupropion	5.065	2160846	1897166.7	67.8	77963.7	397165	254.355 ng/ml
Carisoprodol	5.758	662085	2430689.2	61.0	16827.4	118412	253.495 ng/ml
Citalopram	5.296	1047121	∞	30.8	∞	219676	256.724 ng/ml
Clonazepam	5.656	73606	∞	29.7	∞	6635	268.225 ng/ml
Clonazolam	5.592	271515	∞	38.0	447314.5	141270	253.381 ng/ml
Cocaine	4.384	1818144	526033.8	51.5	665150.2	610019	249.261 ng/ml
Codeine	2.905	217853	4311513.4	96.9	12606.1	60879	230.873 ng/ml
Cyclobenzaprine	5.689	853312	25676.5	11.8	2841.0	135467	248.711 ng/ml
Dextromethorphan	5.345	812661	128715.9	75.1	17475.3	171465	244.748 ng/ml
Dextrorphan	4.185	1623967	∞	46.3	3560097.0	380312	247.873 ng/ml
Diazepam	5.980	702103	∞	93.9	33273.0	166386	246.439 ng/ml
Dihydrocodeine	2.720	740821	5460.5	69.0	3447.7	188895	251.615 ng/ml
Diphenhydramine	5.377	3589399	68639.0	31.2	340436.2	778882	248.501 ng/ml
Doxylamine	4.659	6095360	∞	81.2	∞	1061459	249.555 ng/ml
EDDP	5.318	1436275	∞	42.5	2554879.0	323336	247.239 ng/ml
Etizolam	5.842	27993	∞	96.8	38174.3	141270	231.220 ng/ml
Fentanyl	5.467	129648	∞	98.9	9979997.6	209193	25.427 ng/ml
Flualprazolam	5.739	532573	∞	88.1	34540.6	141270	249.514 ng/ml
Fluoxetine	5.750	908426	1017796.2	6.7	141241.9	109047	256.580 ng/ml
Hydrocodone	3.259	613300	∞	44.4	∞	196519	259.391 ng/ml
Hydromorphone	1.784	522624	∞	80.3	∞	91972	262.451 ng/ml
Ketamine	4.470	2285947	240196.1	33.8	31126.7	530393	249.075 ng/ml
Lamotrigine	4.459	159873	23624.8	92.1	∞	89958	268.811 ng/ml

# AM #28 Multi-Drug Quant. Results

*BWylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	895915	25558.3	233.9	∞	334660	277.342 ng/ml
Lorazepam	5.781	66545	∞	49.1	131465917 8646.1	14521	264.175 ng/ml
MDA	3.256	1068454	42804.7	28.3	9595.6	164352	242.022 ng/ml
MDMA	3.353	1974854	198022.0	88.7	161519377 09300100.0	72022	249.204 ng/ml
Meprobamate	4.967	299581	∞	31.6	2653.7	35364	252.848 ng/ml
Methadone	5.698	1745539	∞	66.2	32359.4	255329	248.575 ng/ml
Methamphetamine	3.288	2782252	∞	41.7	21406.9	598434	236.985 ng/ml
Metoprolol	4.386	425441	∞	106.9	∞	164352	254.939 ng/ml
Mirtazapine	5.267	2187569	228832.4	55.4	∞	255329	259.605 ng/ml
Mitragynine	5.550	300979	∞	36.8	∞	147048	274.063 ng/ml
Morphine	1.392	122991	∞	20.6	∞	7739	258.258 ng/ml
Nordiazepam	5.929	206116	∞	57.2	∞	32358	252.130 ng/ml
Norfentanyl	4.140	146549	6358.0	38.6	49384.7	805023	25.676 ng/ml
Norhydrocodone	3.136	50581	1047.1	29.6	5159.9	43991	268.405 ng/ml
Noroxycodone	2.982	401549	∞	50.2	∞	41402	236.744 ng/ml
O-desmethyl-tramadol	3.440	6478049	1185763.8	5.9	64131.8	1402695	252.633 ng/ml
Oxazepam	5.782	66916	1508.3	69.0	∞	14521	259.632 ng/ml
Oxycodone	3.027	1051510	∞	32.2	∞	218120	252.345 ng/ml
Oxymorphone	1.514	583078	∞	47.2	∞	60125	251.507 ng/ml
Phentermine	3.837	664362	∞	8.1	∞	334660	254.315 ng/ml
Promethazine	5.652	1760867	∞	39.1	23459.0	261601	244.410 ng/ml
Pseudoephedrine	2.646	12780320	∞	23.9	∞	2624633	250.906 ng/ml
Quetiapine	5.852	589573	26982.2	55.9	1634438.5	89367	243.857 ng/ml
Sertraline	5.823	226990	9251.4	116.4	∞	39638	256.244 ng/ml
Temazepam	5.855	393820	15993.7	32.0	7995.4	89958	248.277 ng/ml
Tramadol	4.314	5924119	∞	3.6	2755.5	1244921	253.271 ng/ml
Trazodone	5.826	532053	∞	77.9	∞	147048	249.673 ng/ml
Venlafaxine	5.115	3826022	161216.1	32.0	37316.7	1064753	249.699 ng/ml
Zolpidem	5.625	4549668	233553.8	30.1	253784.0	1139938	253.452 ng/ml



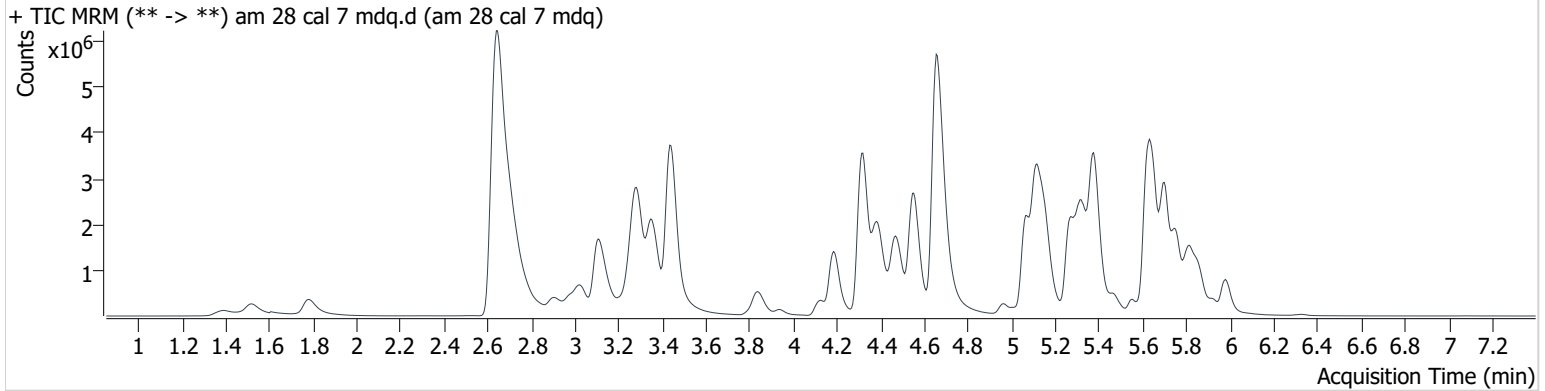
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 7 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 7 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-G1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 10:51:35 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.304	37282	∞	133.4	4302.0	19287	52.926 ng/ml
7-aminoclonazepam	4.344	485444	63280.9	67.8	139543.8	67474	499.636 ng/ml
a-hydroxyalprazolam	5.734	65556	1235.1	49.5	281.5	107773	452.405 ng/ml
alpha-PHP	5.153	3624444	98043.2	40.3	127676.2	409048	473.305 ng/ml
alpha-PVP	4.553	5861167	∞	52.9	38709.2	573535	492.153 ng/ml
Alprazolam	5.802	1251511	8288.2	94.9	∞	107773	501.388 ng/ml
Amphetamine	3.109	4926174	695418.9	41.9	220015.6	167011	507.026 ng/ml
Benzoylcegonine	3.937	159321	1792119.2	56.8	10303.3	8167	532.919 ng/ml
Buprenorphine	6.329	42715	∞	15.3	2916.2	10517	34.047 ng/ml
Bupropion	5.065	4229655	69085130.3	66.6	75024.6	409048	484.852 ng/ml
Carisoprodol	5.763	929119	∞	58.9	10072.4	81316	518.587 ng/ml
Citalopram	5.296	1800888	338259.7	33.4	2891426.8	199590	486.524 ng/ml
Clonazepam	5.656	113966	∞	33.8	74245.8	4917	562.541 ng/ml
Clonazepam	5.592	445963	∞	39.2	429405.8	107773	544.844 ng/ml
Cocaine	4.384	3278434	422261.5	50.9	662175.5	539950	508.743 ng/ml
Codeine	2.900	376391	36246.8	95.9	∞	56669	430.033 ng/ml
Cyclobenzaprine	5.684	1422454	19966.0	12.2	5823.0	115873	485.695 ng/ml
Dextromethorphan	5.345	1577372	31952.8	75.6	260039.2	160873	507.376 ng/ml
Dextrophan	4.185	3032964	∞	46.4	738195.5	347851	507.203 ng/ml
Diazepam	5.980	1136904	90278.7	91.5	79391.7	130230	510.723 ng/ml
Dihydrocodeine	2.720	1254768	8659.7	70.0	5821.5	159370	505.982 ng/ml
Diphenhydramine	5.377	7249395	89100.1	29.9	220824.6	752817	519.687 ng/ml
Doxylamine	4.659	12358124	220899.4	83.4	308417.1	1044631	514.834 ng/ml
EDDP	5.318	3138188	5292914.1	43.6	2833549.3	347277	503.672 ng/ml
Etizolam	5.842	39467	288762.3	100.6	936440776	107773	428.773 ng/ml
Fentanyl	5.467	271228	∞	100.7	2863108.5	225607	49.403 ng/ml
Flualprazolam	5.739	773903	50963.5	85.7	12800.6	107773	476.392 ng/ml
Fluoxetine	5.750	1348419	93119.1	6.7	1794701.9	82238	506.080 ng/ml
Hydrocodone	3.259	1043293	∞	45.9	∞	183851	474.419 ng/ml
Hydromorphone	1.784	948364	∞	80.5	∞	83294	526.535 ng/ml
Ketamine	4.470	3901364	1512272.7	33.8	22525.7	455570	496.201 ng/ml
Lamotrigine	4.454	224852	31156.3	94.1	∞	59567	569.230 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	1464471	22376.6	233.5	613517.9	316087	482.931 ng/ml
Lorazepam	5.781	114735	7148.1	48.2	∞	13005	509.829 ng/ml
MDA	3.251	1591865	62067.8	28.2	32988.9	135655	438.372 ng/ml
MDMA	3.353	3662375	123965.7	88.2	108494.1	65990	505.425 ng/ml
Meprobamate	4.962	560932	40283.1	30.9	6505.3	34485	486.628 ng/ml
Methadone	5.703	3521528	∞	64.0	234886.5	252514	507.745 ng/ml
Methamphetamine	3.288	4595514	∞	40.1	291680.1	560152	421.833 ng/ml
Metoprolol	4.391	623031	1584294.7	106.7	∞	135655	453.449 ng/ml
Mirtazapine	5.267	4142365	∞	56.3	∞	252514	499.172 ng/ml
Mitragynine	5.550	609029	∞	37.6	∞	123325	659.501 ng/ml
Morphine	1.392	213950	∞	19.3	∞	7721	450.945 ng/ml
Nordiazepam	5.929	339765	∞	55.7	∞	26131	515.507 ng/ml
Norfentanyl	4.140	290139	17615.9	38.8	30687.0	807862	50.740 ng/ml
Norhydrocodone	3.136	95036	∞	32.8	∞	43211	514.027 ng/ml
Noroxycodone	2.977	691884	∞	49.7	∞	37501	450.741 ng/ml
O-desmethyl-tramadol	3.440	11613984	424503.1	5.8	∞	1246709	510.423 ng/ml
Oxazepam	5.782	115400	∞	70.5	∞	13005	501.044 ng/ml
Oxycodone	3.022	1985606	∞	31.7	∞	212465	489.908 ng/ml
Oxymorphone	1.519	1041744	∞	46.7	∞	54130	500.221 ng/ml
Phentermine	3.837	1191513	13994.9	7.7	∞	316087	485.197 ng/ml
Promethazine	5.652	3310768	131902.6	37.4	55704.5	225919	532.078 ng/ml
Pseudoephedrine	2.646	22589038	∞	23.5	∞	2272035	513.086 ng/ml
Quetiapine	5.852	982253	20274.0	55.2	418249.3	75219	484.128 ng/ml
Sertraline	5.823	304081	4077.4	114.6	20681.7	26670	511.276 ng/ml
Temazepam	5.855	536288	52486.8	31.2	18190.8	59567	511.105 ng/ml
Tramadol	4.318	10713146	150220.9	3.5	5150.2	1149611	497.186 ng/ml
Trazodone	5.826	813532	∞	81.3	∞	123325	457.421 ng/ml
Venlafaxine	5.116	7204401	887476.2	31.0	179856.4	937273	534.483 ng/ml
Zolpidem	5.625	7470043	∞	30.8	∞	943932	503.490 ng/ml

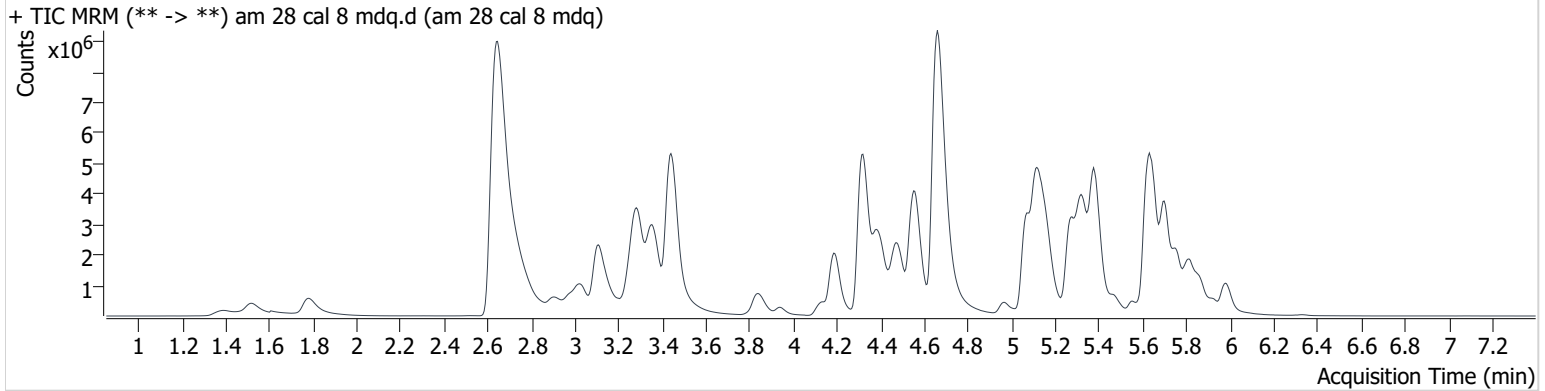
# AM #28 Multi-Drug Quant. Results

*B. Wylie*

**Batch results** D:\MassHunter\Data\2021\am 27-28\091621r\QuantResults\mdq.batch.bin  
**Calibration Last Update** 9/21/2021 10:12:04 AM

<b>Instrument</b>	69679	<b>Data File</b>	am 28 cal 8 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	am 28 cal 8 mdq
<b>Acq. Method</b>	mdqp1 1-21-21long.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P1-H1	<b>Comment</b>	
<b>Injection Volume</b>	3		
<b>Acq. Date-Time</b>	9/16/2021 11:09:33 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.304	53014	∞	135.6	∞	12680	114.422 ng/ml
7-aminoclonazepam	4.349	559350	111476.1	69.6	590310.5	39484	984.470 ng/ml
a-hydroxyalprazolam	5.734	100767	6257.1	49.5	192.9	78676	952.557 ng/ml
alpha-PHP	5.158	5704111	1451225.7	39.9	195424.6	362405	842.496 ng/ml
alpha-PVP	4.558	9750757	4404372.6	52.4	181274.9	533893	880.527 ng/ml
Alprazolam	5.802	1487075	15206.0	97.6	∞	78676	817.121 ng/ml
Amphetamine	3.109	6796422	668899.0	42.4	125651.4	118668	985.159 ng/ml
Benzoylcegonine	3.937	361331	∞	57.2	16071.9	9010	1095.943 ng/ml
Buprenorphine	6.329	60493	1395.6	14.9	1727.5	3950	129.331 ng/ml
Bupropion	5.070	6460472	529710.0	64.6	196232.2	362405	837.047 ng/ml
Carisoprodol	5.763	1190850	16228245.5	60.3	11621.3	53460	1011.517 ng/ml
Citalopram	5.296	2197265	∞	33.3	35680.7	122095	971.004 ng/ml
Clonazepam	5.656	174000	∞	32.2	1181138.3	4183	1011.074 ng/ml
Clonazepam	5.592	698503	1387809.6	40.1	279814.5	78676	1168.301 ng/ml
Cocaine	4.384	5344334	93134813.9	49.4	736975.3	444339	1008.679 ng/ml
Codeine	2.900	602365	62957.4	96.8	48936.4	54351	718.743 ng/ml
Cyclobenzaprine	5.689	1525263	28284.0	11.8	14104.4	59912	1008.361 ng/ml
Dextromethorphan	5.345	1949601	122626.2	73.8	73434.5	99344	1016.486 ng/ml
Dextrophan	4.185	4787031	195856.9	45.1	88913.3	274867	1014.123 ng/ml
Diazepam	5.980	1659228	74054.2	94.5	41265.2	101425	957.768 ng/ml
Dihydrocodeine	2.720	1991432	5847.0	69.8	2497.6	127450	1005.007 ng/ml
Diphenhydramine	5.382	10172335	3292055.4	29.6	93629.3	525794	1044.470 ng/ml
Doxylamine	4.659	21938516	1246628.5	84.6	417178.2	961797	993.292 ng/ml
EDDP	5.324	6446346	∞	41.0	∞	352626	1019.626 ng/ml
Etizolam	5.842	53317	83529.8	100.3	124185.2	78676	794.916 ng/ml
Fentanyl	5.473	380762	11599386.8	100.2	563832.0	156253	100.226 ng/ml
Flualprazolam	5.739	1035309	45574.4	88.5	∞	78676	874.032 ng/ml
Fluoxetine	5.755	1165136	180587.6	6.6	64958.4	35529	1013.295 ng/ml
Hydrocodone	3.254	1742750	∞	44.0	834232136 6758.3	182244	801.784 ng/ml
Hydromorphone	1.784	1571099	∞	86.4	∞	82544	880.658 ng/ml
Ketamine	4.475	5757232	875925.1	32.8	78683.8	382511	873.092 ng/ml
Lamotrigine	4.454	264538	19585.4	93.7	∞	36797	1082.710 ng/ml

# AM #28 Multi-Drug Quant. Results

*Byylee*

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	2145413	61249.6	231.0	178978.7	276366	811.889 ng/ml
Lorazepam	5.781	196771	118612.3	49.9	∞	11733	970.378 ng/ml
MDA	3.246	1927978	37702.7	27.7	37968.7	96617	746.774 ng/ml
MDMA	3.353	5426052	14572266.8	86.4	89061.1	49931	990.634 ng/ml
Meprobamate	4.967	983442	66981.0	30.8	24113.3	34002	866.236 ng/ml
Methadone	5.702	4780119	∞	62.7	81789.7	174916	995.584 ng/ml
Methamphetamine	3.288	5778189	∞	40.4	∞	432376	690.135 ng/ml
Metoprolol	4.396	718698	1826562.0	106.2	∞	96617	735.332 ng/ml
Mirtazapine	5.271	6193846	1077950.5	55.3	708762.8	174916	1080.171 ng/ml
Mitragynine	5.550	754249	1234967.5	40.5	1040219.8	80874	1244.376 ng/ml
Morphine	1.387	349689	∞	19.6	4676.6	6474	879.844 ng/ml
Nordiazepam	5.929	512384	402450.6	59.0	∞	21613	940.608 ng/ml
Norfentanyl	4.140	562538	∞	37.2	362634.5	824580	96.461 ng/ml
Norhydrocodone	3.142	165357	∞	33.6	∞	37646	1027.249 ng/ml
Noroxycodone	2.977	1044120	∞	49.8	∞	21811	1170.236 ng/ml
O-desmethyl-tramadol	3.440	19148207	664742.8	5.6	96239.0	1053393	996.755 ng/ml
Oxazepam	5.788	197056	∞	70.6	8022.5	11733	949.403 ng/ml
Oxycodone	3.022	3525512	∞	32.1	∞	195379	946.624 ng/ml
Oxymorphone	1.514	1749533	∞	46.8	∞	48643	935.819 ng/ml
Phentermine	3.842	1793635	11873.0	7.6	∞	276366	837.203 ng/ml
Promethazine	5.657	3570130	449148.7	36.8	82602.5	115340	1123.796 ng/ml
Pseudoephedrine	2.646	35982863	∞	23.0	∞	1864613	996.610 ng/ml
Quetiapine	5.857	1325427	31999.0	57.1	1736895.4	53022	928.096 ng/ml
Sertraline	5.818	232962	3509.0	117.5	∞	11454	912.901 ng/ml
Temazepam	5.860	696411	43285.5	31.2	10101.6	36797	1074.944 ng/ml
Tramadol	4.319	17559840	∞	3.4	10922.2	1036428	904.951 ng/ml
Trazodone	5.826	1074634	1099205.7	78.7	∞	80874	924.129 ng/ml
Venlafaxine	5.115	11570675	1799035.8	30.7	578606.0	750901	1071.773 ng/ml
Zolpidem	5.625	12012731	∞	30.2	541437.2	795416	961.717 ng/ml