















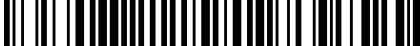


**REVIEWED**

By Anne Nord at 12:58 pm, Nov 10, 2020

11/6/2020 BW

**Worklist: 4597**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2020-1973	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1991	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1999	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2054	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2074	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2092	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2111	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2113	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2114	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2129	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-2140	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-2154	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3146	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3147	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3147	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3197	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3211	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

**AM# 28: Multi-Drug Quantitation by LC-MS/MS**Extraction Date 11/5/2020Analyst: Britany WyliePlate lot#: 200513Plate Expiration: 11/13/2020**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:** 20G20792**Urine Blank lot:** 10120**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: Evaluated Qualitatively: Cyclobenzaprine, Methamphetamine and Sertraline. Not Evaluated: Norbuprenorphine and norhydrocodone. *Methamphetamine not evaluated in urine cases in this batch*  
Curves limited: Benzoylcegonine 10-1000, Buprenorphine 2.5-100, Fentanyl 1-100; lamotrigine 5-500;  
Phentermine 10-1000; Metoprolol 5-500 Codeine 10-1000, Fluoxetine evaluated qualitatively

Uriners with positive response for methamphetamine will by run on AM 2  
and evaluated for methamphetamine

11/10/20 BW

11/10/20

BW

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	c2054-1	p3197-1	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	c1999-1	<b>blk before c2129-1</b>	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	c2092-1	<b>c2154-1</b>	IS + Cal. 3	IS + QC_3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	c2074-1	neg blood	IS + Cal. 4	IS + QC_4					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	<b>blk before c2114-1</b>	c2140-1	IS + Cal. 5	IS + QC_2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	neg urine	c2111-1	p3146-1	IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	c1973-1	p3147-2	p3147-1	IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	c1991-1	c2113-3	p3211-1	IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

Case #:   2020-  -  

Samples were placed in columns 9-12 for extraction

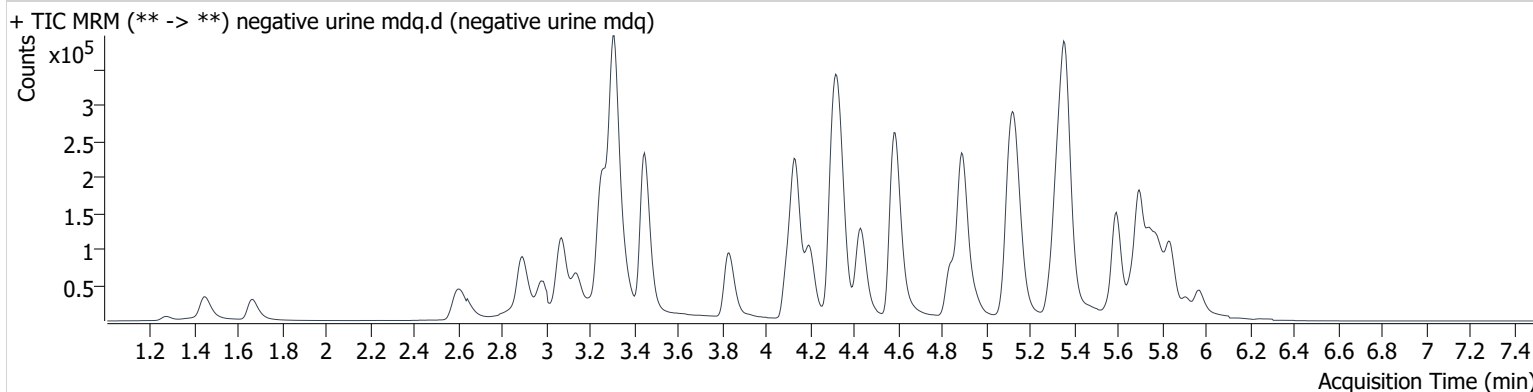
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	negative urine mdq.d
<b>Type</b>	Sample	<b>Sample</b>	negative urine mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-F2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 12:55:06 AM		

**Sample Info.**

**Sample Chromatogram**



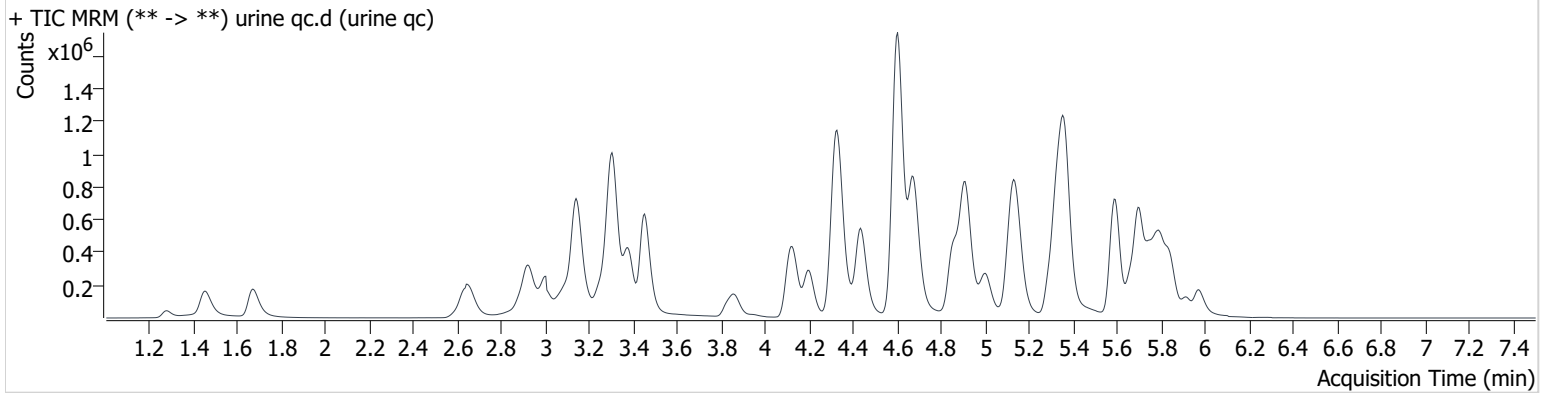
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amphetamine	3.140	86411	3041.4	52.0	9437.5	221703	4.551 ng/ml <5
Codeine	2.654	5611	1863.2	109.4	4894.4	49061	7.173 ng/ml <10
Morphine	1.276	1349	2750.3	18.7	1415.9	6394	2.577 ng/ml <5

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	urine qc.d
<b>Type</b>	Sample	<b>Sample</b>	urine qc
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-E2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 1:04:09 AM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.217	13751	6125.6	75.7	6011.6	29352	10.450 ng/ml
7-aminoclonazepam	4.318	351120	70827.5	95.6	13725.3	138142	108.103 ng/ml
a-hydroxyalprazolam	5.728	38665	988.3	56.5	2476.2	20199	102.175 ng/ml
alpha-PHP	5.006	535564	40259.3	39.4	55172.8	241854	95.070 ng/ml
alpha-PVP	4.438	901624	161039.8	51.9	55761.5	359119	101.783 ng/ml
Alprazolam	5.802	232421	7382.5	113.7	13808.1	76379	106.989 ng/ml
Amphetamine	3.140	1709257	39330.8	47.4	50551.0	199415	126.233 ng/ml
Benzoylcegonine	3.945	17901	1423.4	7.6	1290.3	6856	90.142 ng/ml
Buprenorphine	5.722	8019	2032.7	17.3	10616.7	26145	10.937 ng/ml
Bupropion	4.857	771701	62578.8	66.0	29908.9	241854	105.737 ng/ml
Carisoprodol	5.757	144923	79719.6	67.5	6663.8	71736	101.570 ng/ml
Citalopram	5.297	471743	73077.1	40.5	1882487.2	194684	104.414 ng/ml
Clonazepam	5.651	176471	9648.8	31.2	15089.0	27940	105.420 ng/ml
Cocaine	4.332	713331	111140.9	46.8	20816.5	484861	105.785 ng/ml
Codeine	2.659	95520	9996.3	111.8	16043.0	43338	115.049 ng/ml
Cyclobenzaprine	5.669	451562	27356.9	8.4	6360.5	129433	107.324 ng/ml
Dextromethorphan	5.341	356939	84015.8	78.5	5597.4	171729	105.297 ng/ml
Dextrophan	4.197	193067	1212364.5	222.6	7402.0	244927	102.395 ng/ml
Diazepam	5.973	196417	27690.7	87.9	8482.9	89002	108.243 ng/ml
Dihydrocodeine	2.633	258985	114301.6	59.6	17495.2	133277	104.525 ng/ml
Diphenhydramine	5.368	1423613	1250307.1	29.8	176431.8	778807	101.069 ng/ml
Doxylamine	4.599	2838930	1236219.7	97.7	23518.8	1042512	104.082 ng/ml
EDDP	5.331	428725	101902.8	224.4	36248.0	481073	101.125 ng/ml
Fentanyl	5.157	48465	5490.3	77.3	166736.9	231956	10.263 ng/ml
Fluoxetine	5.745	430626	3427289.9	7.3	250640.2	148706	108.012 ng/ml
Hydrocodone	3.097	341537	13621.6	34.3	∞	186354	116.149 ng/ml
Hydromorphone	1.672	315933	13900.6	71.4	7535.4	97298	98.350 ng/ml
Ketamine	4.112	615848	102712.5	39.1	9174.6	258676	105.960 ng/ml
Lamotrigine	4.360	46394	16921.7	86.6	73991.5	713669	93.997 ng/ml
Lorazepam	5.775	183389	41375.8	49.3	9681.9	148086	103.238 ng/ml
MDA	3.287	885643	10218.9	24.4	3759.1	222673	116.314 ng/ml
MDMA	3.379	603565	31958.5	83.4	28058.8	53753	107.098 ng/ml
Meprobamate	4.976	124564	60981.6	27.4	2329.1	45879	105.406 ng/ml

# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	868350	6395.0	53.7	18724.4	385807	107.606 ng/ml
Metoprolol	4.395	97007	13278.5	93.5	16025.7	284569	81.494 ng/ml
Mirtazapine	4.671	1731560	26010.8	46.7	182681.9	385807	161.011 ng/ml
Mitragynine	5.286	175589	15651.5	31.2	793257.9	26145	141.718 ng/ml
Morphine	1.276	46570	9275.0	19.1	2843.4	6729	95.083 ng/ml
Nordiazepam	5.917	145887	42344.9	63.0	11897.2	48734	109.506 ng/ml
Norfentanyl	4.158	16625	638.5	279.2	5655.6	557388	10.029 ng/ml
Noroxycodone	2.999	347877	9344.7	43.2	11926.0	108251	108.142 ng/ml
O-desmethyl-tramadol	3.450	1219723	984587.5	6.7	15126.9	646583	103.528 ng/ml
Oxazepam	5.782	255071	19137.0	75.4	5235.6	148086	96.985 ng/ml
Oxycodone	2.917	876806	45584.2	28.8	27265.9	340733	106.684 ng/ml
Oxymorphone	1.449	406906	3459.2	44.1	12544.7	143472	105.588 ng/ml
Phentermine	3.862	243297	824.2	5.8	471.0	284569	114.631 ng/ml
Promethazine	5.591	817448	36467.0	37.6	22625.5	367875	105.715 ng/ml
Quetiapine	5.572	575030	3565066.7	60.9	2404274.1	75202	103.277 ng/ml
Sertraline	5.813	138376	13149.9	101.6	1151665.9	56671	101.247 ng/ml
Temazepam	5.844	445666	38018.2	33.3	4841.5	219618	100.050 ng/ml
Tramadol	4.319	1345096	9902.9	3.4	3896.5	642988	103.336 ng/ml
Trazodone	5.141	688643	47240.1	73.4	23502.3	308190	105.292 ng/ml
Venlafaxine	5.118	847625	297828.2	42.2	33247.1	585798	111.382 ng/ml
Zolpidem	4.911	1623730	55318.6	31.1	50426.1	713669	101.474 ng/ml

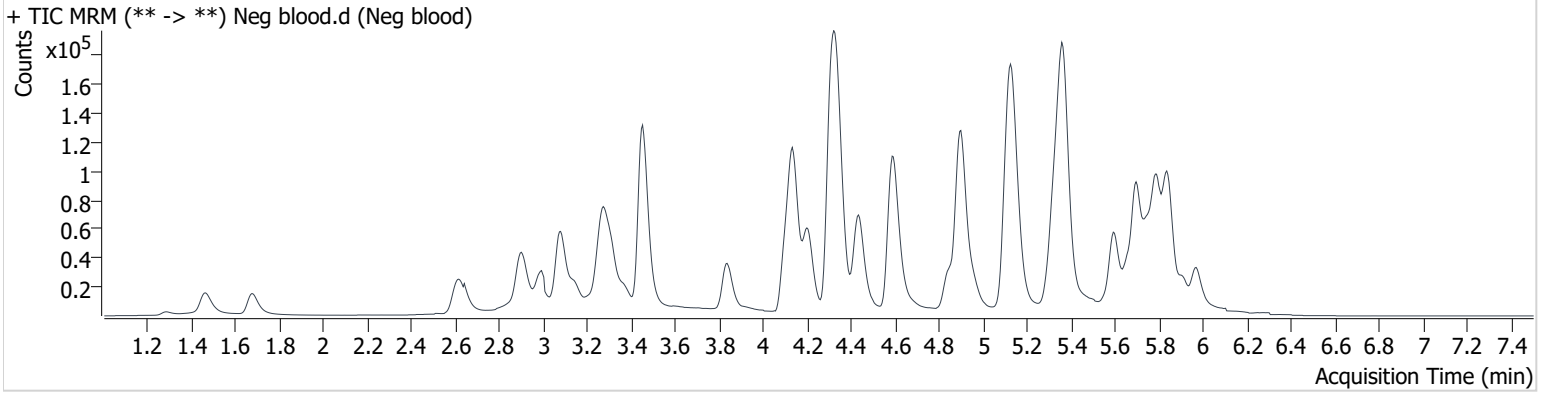
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	Neg blood.d
<b>Type</b>	Sample	<b>Sample</b>	Neg blood
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-D4	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 5:42:25 AM		

**Sample Info.**

## Sample Chromatogram



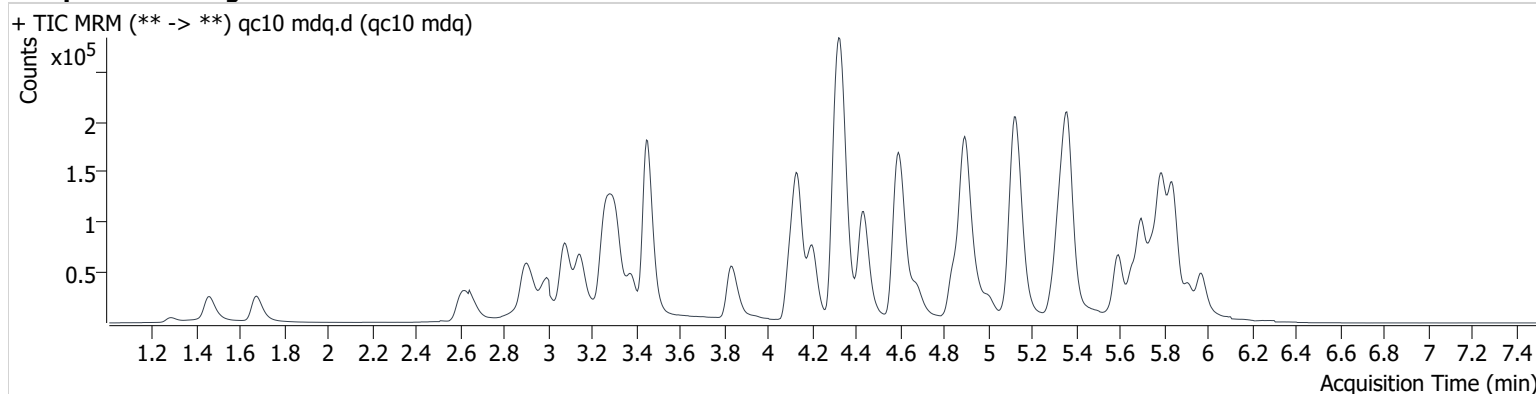
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc10 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc10 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-A2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 12:01:12 AM		

**Sample Info.**

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.217	978	10610.2	76.7	9781.3	21351	0.971 ng/ml
7-aminoclonazepam	4.323	21257	5569.8	100.1	8839.2	84757	9.968 ng/ml
a-hydroxyalprazolam	5.733	4117	1463.2	59.3	7860.3	19933	10.906 ng/ml
alpha-PHP	5.006	36282	23335.5	38.9	3237.4	140108	10.225 ng/ml
alpha-PVP	4.438	62068	3541.1	50.3	4805.2	250823	10.092 ng/ml
Alprazolam	5.802	25131	2953.9	122.0	1690.0	91928	9.821 ng/ml
Amphetamine	3.146	106531	5010.2	49.3	6374.2	129632	10.977 ng/ml
Benzoylecgonine	3.951	1582	25.5	8.1	9.1	5681	10.355 ng/ml
Bupropion	4.857	44774	6027.4	67.2	4018.9	140108	10.341 ng/ml
Carisoprodol	5.752	15234	1893.9	67.7	1231.1	74308	10.413 ng/ml
Citalopram	5.297	24989	3192.5	39.1	64010.2	95097	11.450 ng/ml
Clonazepam	5.651	26450	5598.2	30.0	89567.9	41929	10.255 ng/ml
Cocaine	4.337	50092	13883.0	46.2	9393.7	348480	10.240 ng/ml
Codeine	2.665	5858	8862.1	111.6	8429.0	29621	11.478 ng/ml
Cyclobenzaprine	5.669	23149	11690.7	8.1	2395.7	47771	15.422 ng/ml
Dextromethorphan	5.336	17526	1153.3	75.7	873.6	76526	11.734 ng/ml
Dextrorphan	4.197	13634	7341.5	213.3	9859.3	170144	10.261 ng/ml
Diazepam	5.973	18384	2211.0	91.3	6544.3	89051	10.023 ng/ml
Dihydrocodeine	2.638	15973	3651.3	57.8	3907.6	87052	9.564 ng/ml
Diphenhydramine	5.363	78693	39623.9	28.4	2005.9	373399	11.254 ng/ml
Doxylamine	4.604	114671	18585.0	99.7	15709.1	448923	9.856 ng/ml
EDDP	5.325	18534	1037.2	230.1	34409.6	211682	9.542 ng/ml
Fentanyl	5.162	1966	205.7	69.9	2014.3	79669	1.241 ng/ml
Fluoxetine	5.745	23637	128404.1	6.9	10365.5	47619	17.703 ng/ml
Hydrocodone	3.102	23934	2231.6	37.3	3073.2	136500	10.137 ng/ml
Hydromorphone	1.677	18182	8869.1	70.4	279.9	59899	9.338 ng/ml
Ketamine	4.117	44144	24390.1	40.0	710.5	190253	9.861 ng/ml
Lamotrigine	4.370	3811	11806.1	93.3	25075.9	492784	10.536 ng/ml
Lorazepam	5.780	24328	6177.8	41.5	609.1	185958	10.222 ng/ml
MDA	3.292	63102	8195.5	24.7	2934.3	163403	11.156 ng/ml
MDMA	3.379	42623	36446.4	85.5	5737.1	37411	10.412 ng/ml
Meprobamate	4.976	12093	8921.3	26.8	2043.7	44663	9.759 ng/ml
Methadone	5.698	44638	310583.4	54.2	13242.5	173531	12.225 ng/ml



# AM #28 Multi-Drug Quant. Results

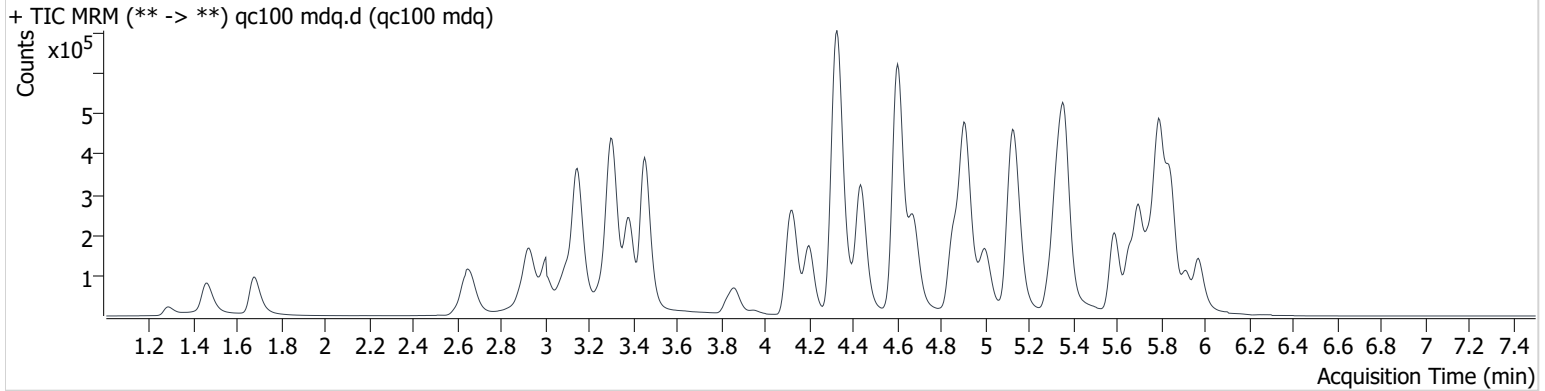
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.314	37748	∞	240.4	1104.9	263722	15.563 ng/ml
Metoprolol	4.395	7335	35798.2	91.7	6309.2	172568	8.567 ng/ml
Mirtazapine	4.677	53279	5306.9	46.0	5924.1	173531	10.952 ng/ml
Mitragynine	5.286	7431	81337.2	28.4	27702.0	12735	12.938 ng/ml
Morphine	1.286	2723	1179.9	19.8	577.5	3826	9.480 ng/ml
Nordiazepam	5.917	15363	7677.7	60.9	4240.9	55650	9.888 ng/ml
Norfentanyl	4.158	1118	106.4	273.1	932.7	354906	1.086 ng/ml
Noroxycodone	3.005	21326	1743.0	45.2	3107.9	70552	10.178 ng/ml
O-desmethyl-tramadol	3.455	85542	2171.8	6.4	1125.0	472109	9.908 ng/ml
Oxazepam	5.787	32909	2888.5	81.8	948.8	185958	9.778 ng/ml
Oxycodone	2.922	50584	4507.3	28.1	3520.2	204043	10.094 ng/ml
Oxymorphone	1.459	23351	8655.6	42.3	132.6	82588	10.387 ng/ml
Phentermine	3.867	13497	528.8	7.4	353.0	172568	10.666 ng/ml
Promethazine	5.596	28408	3798.7	44.1	3477.3	115479	11.978 ng/ml
Quetiapine	5.572	20070	121395.8	58.7	48102.5	23772	11.266 ng/ml
Sertraline	5.813	10083	1682.0	100.5	47319.4	25076	16.998 ng/ml
Temazepam	5.844	53457	10162.5	30.5	654.6	262636	10.032 ng/ml
Tramadol	4.319	105135	14518.8	3.5	480.4	499693	10.085 ng/ml
Trazodone	5.141	35533	2948.8	72.0	2519.3	145476	11.467 ng/ml
Venlafaxine	5.123	60293	51937.8	41.8	2622.6	449681	10.399 ng/ml
Zolpidem	4.911	108046	3465.1	31.7	3138.5	492784	9.878 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc100 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc100 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-B2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 12:10:14 AM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.217	8269	1723.9	80.2	16450.8	18306	10.074 ng/ml
7-aminoclonazepam	4.318	184740	207486.2	96.6	43612.6	70987	110.703 ng/ml
a-hydroxyalprazolam	5.728	33832	1647.8	63.2	9899.3	17929	100.721 ng/ml
alpha-PHP	5.000	313792	302763.6	39.1	27918.9	112729	119.766 ng/ml
alpha-PVP	4.438	530440	20627.1	50.2	16451.9	203773	105.529 ng/ml
Alprazolam	5.802	218178	6967.9	115.2	9130.0	75236	101.970 ng/ml
Amphetamine	3.146	827001	33304.7	46.4	60675.6	102737	118.475 ng/ml
Benzoylcegonine	3.945	13546	38491.7	7.6	284.6	4178	111.740 ng/ml
Buprenorphine	5.722	3388	1084.1	14.8	4415.1	10726	11.260 ng/ml
Bupropion	4.857	366311	5672.3	66.4	37297.9	112729	107.688 ng/ml
Carisoprodol	5.752	128562	18375.5	68.0	4211.3	60737	106.416 ng/ml
Citalopram	5.297	189823	15846.7	40.0	1204097.1	78504	104.194 ng/ml
Clonazepam	5.651	219018	2219.4	30.6	1263.8	33977	107.596 ng/ml
Cocaine	4.332	427278	217627.6	46.4	22342.1	282981	108.572 ng/ml
Codeine	2.665	49678	9453.5	117.1	205302.5	25450	102.036 ng/ml
Cyclobenzaprine	5.669	140677	1063453.8	8.6	75559.6	38795	111.528 ng/ml
Dextromethorphan	5.341	136081	7263.7	75.5	911176.5	63386	108.755 ng/ml
Dextrorphan	4.197	114984	18727.7	219.5	399781.6	145528	102.636 ng/ml
Diazepam	5.973	161489	12390.1	87.4	80183.0	74292	106.614 ng/ml
Dihydrocodeine	2.638	143953	7793.0	59.0	22032.8	73216	105.762 ng/ml
Diphenhydramine	5.363	611668	724311.2	29.5	29978.2	318465	106.220 ng/ml
Doxylamine	4.599	1017279	489366.5	98.2	509449.0	377083	103.112 ng/ml
EDDP	5.331	192174	128531.7	219.7	4302014.0	207208	105.257 ng/ml
Fentanyl	5.157	14236	3511.5	80.6	71506.2	67776	10.318 ng/ml
Fluoxetine	5.745	128478	101123.7	7.2	38351.4	40661	117.946 ng/ml
Hydrocodone	3.102	215489	12239.5	35.9	256.7	117410	116.317 ng/ml
Hydromorphone	1.677	171851	13112.5	73.8	9944.8	50355	103.361 ng/ml
Ketamine	4.112	377638	39695.8	40.2	13538.1	156874	107.145 ng/ml
Lamotrigine	4.365	32353	21370.2	90.1	209190.8	410616	114.082 ng/ml
Lorazepam	5.775	196320	25994.4	47.9	3603.1	154544	105.919 ng/ml
MDA	3.292	555914	9800.4	24.0	13152.0	139411	116.614 ng/ml
MDMA	3.379	373617	105694.1	83.8	15862.3	32575	109.406 ng/ml
Meprobamate	4.976	104302	106769.9	27.3	6276.3	36936	109.665 ng/ml

# AM #28 Multi-Drug Quant. Results

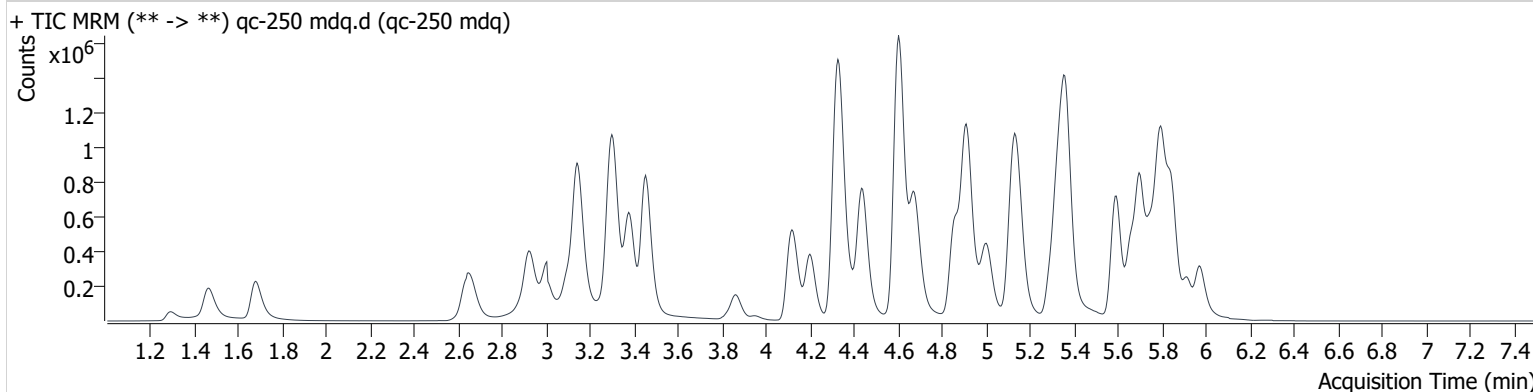
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	341945	1862400.4	53.6	92078.1	150000	108.988 ng/ml
Methamphetamine	3.314	145615	2443.8	208.1	∞	167304	120.861 ng/ml
Metoprolol	4.395	62034	93504.6	98.2	29400.3	126297	118.223 ng/ml
Mirtazapine	4.671	454617	5545.8	46.9	56079.5	150000	108.706 ng/ml
Mitragynine	5.286	52796	1374.1	28.9	35901.0	10726	104.053 ng/ml
Morphine	1.286	24987	5446.6	19.1	2127.9	3248	105.734 ng/ml
Nordiazepam	5.917	131675	628608.8	62.9	41580.8	45232	106.482 ng/ml
Norfentanyl	4.158	9012	1769.1	281.4	5338.3	303907	9.971 ng/ml
Noroxycodone	3.005	195666	47864.6	42.3	13983.8	59497	110.669 ng/ml
O-desmethyl-tramadol	3.455	764668	417299.5	6.5	1594.1	401029	104.645 ng/ml
Oxazepam	5.787	282812	49616.0	75.7	17911.9	154544	103.052 ng/ml
Oxycodone	2.922	448001	23524.8	28.8	13731.3	171258	108.456 ng/ml
Oxymorphone	1.459	201628	77103.0	43.7	6393.8	70501	106.475 ng/ml
Phentermine	3.862	105570	8760.9	6.5	1582.9	126297	112.078 ng/ml
Promethazine	5.591	219240	265511.6	37.8	27949.1	95885	108.770 ng/ml
Quetiapine	5.572	181526	1074197.9	59.0	758828.8	20708	118.417 ng/ml
Sertraline	5.813	58115	6689.8	98.6	285346.8	21637	111.333 ng/ml
Temazepam	5.844	465044	116724.4	30.8	2660.2	217597	105.370 ng/ml
Tramadol	4.319	894427	835501.6	3.5	3024.2	417982	105.711 ng/ml
Trazodone	5.136	310931	79705.5	74.7	27659.0	136733	107.156 ng/ml
Venlafaxine	5.118	513854	365123.6	42.6	16865.6	372084	106.310 ng/ml
Zolpidem	4.906	963621	35859.4	31.2	32397.8	410616	104.663 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc-250 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc-250 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-C2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 12:19:16 AM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.212	23447	3629.5	73.4	179525.4	20575	25.500 ng/ml
7-aminoclonazepam	4.318	426439	11175.7	96.8	178957.4	70440	258.554 ng/ml
a-hydroxyalprazolam	5.728	77796	6371.7	67.5	385466.2	17130	242.589 ng/ml
alpha-PHP	5.006	891622	129229.7	39.0	258692.9	138005	279.316 ng/ml
alpha-PVP	4.438	1441844	142813.0	50.6	71409.4	228449	255.770 ng/ml
Alprazolam	5.802	553830	58419.5	113.9	1943.1	72984	266.457 ng/ml
Amphetamine	3.140	2123365	350011.5	47.1	45882.2	113428	277.169 ng/ml
Benzoylcegonine	3.951	36994	518453.5	7.6	34025.8	4625	274.428 ng/ml
Buprenorphine	5.717	10639	4739.2	15.4	19422.8	16025	23.564 ng/ml
Bupropion	4.857	1097567	499857.1	65.7	36603.6	138005	263.964 ng/ml
Carisoprodol	5.757	316093	15092.8	66.6	14509.5	63011	252.039 ng/ml
Citalopram	5.297	632716	82573.4	40.0	937590.2	111356	244.647 ng/ml
Clonazepam	5.651	536786	13044.8	31.0	1507241.4	36126	248.410 ng/ml
Cocaine	4.332	1099565	8423.3	46.0	1214583.6	308856	256.136 ng/ml
Codeine	2.665	128048	10211.3	116.5	31807.1	27313	243.286 ng/ml
Cyclobenzaprine	5.669	626415	168160.5	8.4	322287.7	75418	254.688 ng/ml
Dextromethorphan	5.341	475280	91048.9	77.1	1603743.9	96817	248.489 ng/ml
Dextrophan	4.197	306850	5994.1	226.5	88098.3	167737	237.850 ng/ml
Diazepam	5.973	421340	26562.0	86.2	419709.7	80862	255.724 ng/ml
Dihydrocodeine	2.633	371487	20550.0	59.3	12573.4	81042	247.025 ng/ml
Diphenhydramine	5.368	2010275	1241909.4	29.6	174019.8	452407	246.332 ng/ml
Doxylamine	4.599	2884383	188295.1	97.2	1147156.2	447240	246.357 ng/ml
EDDP	5.331	550143	4830791.9	218.9	561172.8	253144	247.229 ng/ml
Fentanyl	5.157	60017	5408.7	70.1	8355.1	122378	24.047 ng/ml
Fluoxetine	5.745	552343	304563.0	7.5	214957.7	80242	258.097 ng/ml
Hydrocodone	3.097	484565	8929.9	32.2	8515.8	130806	235.869 ng/ml
Hydromorphone	1.677	471487	22308.8	72.4	26270.8	56246	253.646 ng/ml
Ketamine	4.112	993059	99423.0	40.3	18311.8	174895	253.425 ng/ml
Lamotrigine	4.365	80445	16456.0	92.6	59791.6	452318	258.432 ng/ml
Lorazepam	5.780	456089	152539.0	46.9	24649.5	153551	248.686 ng/ml
MDA	3.287	1494172	15858.8	23.9	265797.0	156796	278.891 ng/ml
MDMA	3.379	1007199	964027.3	84.2	8958.5	37758	255.123 ng/ml
Meprobamate	4.976	263184	12474.1	28.0	54019.8	41857	245.205 ng/ml

# AM #28 Multi-Drug Quant. Results

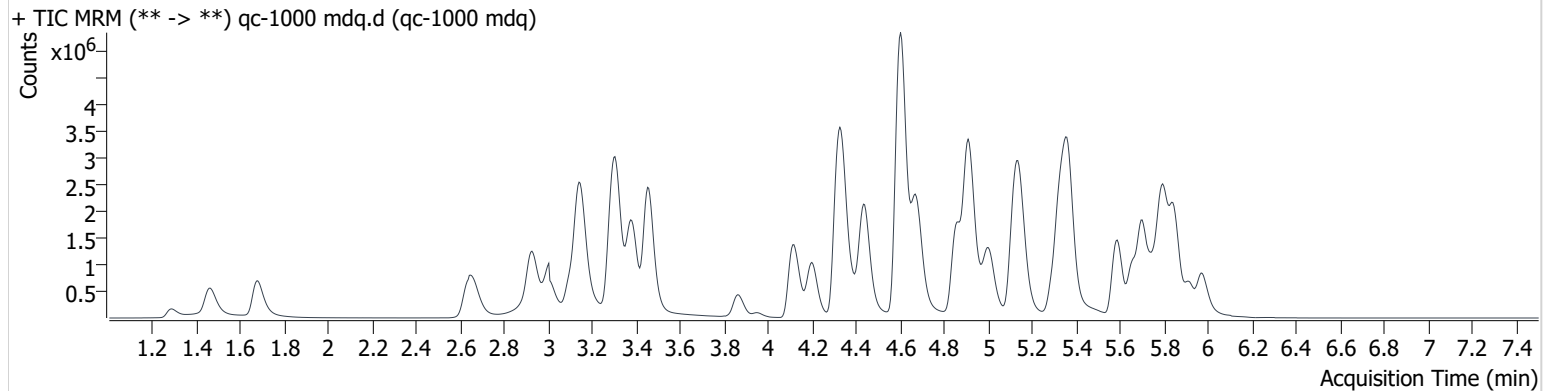
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	1236275	1469199.7	53.8	191050.3	230894	256.098 ng/ml
Methamphetamine	3.308	375062	9452.8	207.7	∞	184169	289.712 ng/ml
Metoprolol	4.395	162912	1791714.8	94.2	29898.9	145834	271.204 ng/ml
Mirtazapine	4.671	1424001	92880.7	47.3	24584.2	230894	221.276 ng/ml
Mitragynine	5.286	204200	1740689.4	31.7	30783.7	16025	268.269 ng/ml
Morphine	1.291	66838	24539.8	18.8	5467.5	3565	258.129 ng/ml
Nordiazepam	5.917	328213	2699551.8	62.8	346769.5	47031	255.592 ng/ml
Norfentanyl	4.158	24381	3904.8	273.6	22916.4	333849	24.512 ng/ml
Noroxycodone	2.999	502529	16203.1	43.6	11694.8	66161	255.590 ng/ml
O-desmethyl-tramadol	3.450	2020119	34462.6	6.8	32556.8	444843	249.280 ng/ml
Oxazepam	5.787	670813	4550.0	75.1	15337.9	153551	246.302 ng/ml
Oxycodone	2.917	1186144	66073.7	29.1	24658.6	193283	254.705 ng/ml
Oxymorphone	1.459	534694	17368.1	43.2	42177.8	79022	252.123 ng/ml
Phentermine	3.862	293416	4008.9	6.0	4604.4	145834	269.494 ng/ml
Promethazine	5.596	1024790	9475069.4	38.7	108492.8	196655	247.503 ng/ml
Quetiapine	5.572	530963	2213069.2	59.2	47971.9	28596	251.002 ng/ml
Sertraline	5.813	250284	1912607.8	101.9	599673.0	42405	244.188 ng/ml
Temazepam	5.844	1185848	20666.8	31.1	19282.1	233802	250.072 ng/ml
Tramadol	4.319	2318052	1639867.1	3.4	10726.7	464760	246.849 ng/ml
Trazodone	5.141	952165	45383.1	74.6	51790.6	176719	253.961 ng/ml
Venlafaxine	5.118	1393936	292651.5	42.5	26927.1	416611	257.443 ng/ml
Zolpidem	4.911	2552487	87991.4	31.2	19499.5	452318	251.522 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	qc-1000 mdq.d
<b>Type</b>	QC	<b>Sample</b>	qc-1000 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-D2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/6/2020 12:28:16 AM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.217	81572	4969.9	74.1	15368.6	17957	101.821 ng/ml
7-aminoclonazepam	4.318	1004091	594590.5	90.9	470141.3	48785	880.879 ng/ml
a-hydroxyalprazolam	5.728	222828	13564.7	65.6	10504.0	11554	1030.581 ng/ml
alpha-PHP	5.006	2735998	117314.6	38.8	355150.5	111965	1059.249 ng/ml
alpha-PVP	4.438	4431988	292833.7	51.3	155773.4	175895	1020.893 ng/ml
Alprazolam	5.802	1629442	1906.2	110.5	22861.4	49991	1143.772 ng/ml
Amphetamine	3.146	6275764	270749.0	48.0	146826.7	91354	1020.457 ng/ml
Benzoylcegonine	3.945	146983	37028.6	7.6	83655.8	4781	1052.476 ng/ml
Buprenorphine	5.722	23239	17790.1	16.6	29322.8	8989	91.495 ng/ml
Bupropion	4.857	3517075	18863.7	64.4	25326.0	111965	1043.393 ng/ml
Carisoprodol	5.757	948570	74708.4	64.4	58018.0	47529	1002.364 ng/ml
Citalopram	5.297	1621229	63722.3	40.9	45749.4	66815	1044.304 ng/ml
Clonazepam	5.651	1663232	58414.1	31.2	2352789.7	29332	948.831 ng/ml
Cocaine	4.332	3098879	1624844.1	46.6	636009.7	215660	1034.131 ng/ml
Codeine	2.665	415796	57496.2	111.8	20597.2	22089	972.976 ng/ml
Cyclobenzaprine	5.669	851311	142361.1	8.3	15614.0	25919	1005.352 ng/ml
Dextromethorphan	5.341	952511	728336.1	75.7	411447.8	47952	1005.028 ng/ml
Dextrorphan	4.197	966467	3298638.2	226.8	660195.9	128926	975.169 ng/ml
Diazepam	5.973	1296974	22232.1	86.9	158715.4	62962	1011.297 ng/ml
Dihydrocodeine	2.633	1218328	154052.3	60.4	131990.3	70062	938.046 ng/ml
Diphenhydramine	5.368	5515621	10603650.9	29.4	320910.1	295079	1037.658 ng/ml
Doxylamine	4.599	9827776	42498.4	96.8	227136.0	367886	1020.135 ng/ml
EDDP	5.331	1845375	5655415.7	225.7	87681.6	214477	980.094 ng/ml
Fentanyl	5.162	116060	15745.7	72.0	17563.5	54261	104.768 ng/ml
Fluoxetine	5.745	545237	4057663.5	7.8	2005.9	22009	931.406 ng/ml
Hydrocodone	3.097	1750169	18638.1	35.7	9830.1	104959	1065.484 ng/ml
Hydromorphone	1.677	1552741	315925.0	72.3	60698.8	47555	987.540 ng/ml
Ketamine	4.112	3208781	84009.2	39.6	90229.0	145062	988.769 ng/ml
Lamotrigine	4.365	215044	55474.5	92.4	22451.0	358482	873.401 ng/ml
Lorazepam	5.775	1113523	29581.7	48.6	47537.8	98386	949.736 ng/ml
MDA	3.287	4201978	12493.5	24.6	224505.6	118298	1039.968 ng/ml
MDMA	3.379	3157230	843588.8	82.2	9310.2	29915	1010.886 ng/ml
Meprobamate	4.971	785918	4159510.3	26.6	142386.2	31890	963.540 ng/ml

OCR-outside curve range

# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	3167822	705296.4	51.3	9372.0	147081	1030.414 ng/ml
Methamphetamine	3.308	1237252	18474.6	236.2	∞	169995	1048.674 ng/ml
Metoprolol	4.395	475485	656421.6	96.2	8907.0	125879	921.367 ng/ml
Mirtazapine	4.671	4540578	47622.2	47.4	245649.2	147081	1107.888 ng/ml
Mitragynine	5.286	391158	1205217.6	32.6	873804.0	8989	914.487 ng/ml
Morphine	1.286	222531	14560.7	18.3	4566.8	2957	1037.052 ng/ml
Nordiazepam	5.917	1017879	27927.6	61.5	132598.4	35106	1062.660 ng/ml
Norfentanyl	4.152	82268	79187.5	274.2	20515.6	252246	109.363 ng/ml
Noroxycodone	2.999	1640861	65092.2	43.2	8435.3	54956	1004.687 ng/ml
O-desmethyl-tramadol	3.455	6997353	23437.2	6.5	12145.0	363006	1058.255 ng/ml
Oxazepam	5.787	1771387	61921.0	74.5	132930.0	98386	1015.725 ng/ml
Oxycodone	2.922	4004560	162981.9	28.9	66371.2	162672	1022.342 ng/ml
Oxymorphone	1.459	1784178	23755.1	43.8	134821.5	69069	962.961 ng/ml
Phentermine	3.862	1058276	3328.6	5.6	3927.6	125879	1125.453 ng/ml
Promethazine	5.591	1488700	895350.5	37.5	180640.4	71949	981.806 ng/ml
Quetiapine	5.572	1864792	32910.3	59.7	6694260.7	24005	1050.652 ng/ml
Sertraline	5.813	229723	12874.7	103.8	849639.8	10642	892.048 ng/ml
Temazepam	5.844	3778382	669840.6	30.5	93965.2	184335	1010.621 ng/ml
Tramadol	4.314	6899024	2328822.1	3.4	8522.5	340081	1005.070 ng/ml
Trazodone	5.141	3040943	1320181.6	76.0	89839.5	146638	977.595 ng/ml
Venlafaxine	5.118	4713000	2064887.1	40.6	298339.8	318459	1138.414 ng/ml
Zolpidem	4.906	8434657	113867.1	30.1	111705.5	358482	1048.365 ng/ml

OCR

OCR- Outside curve range

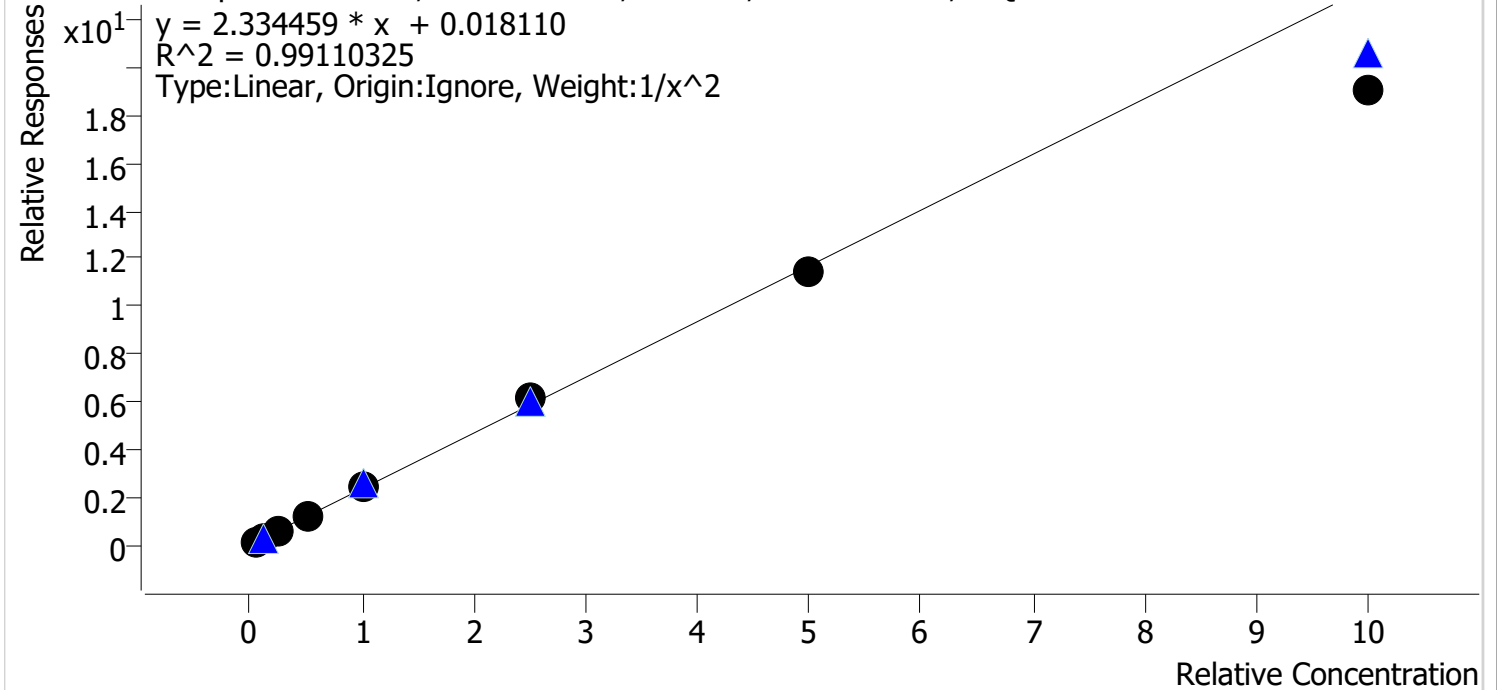




# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

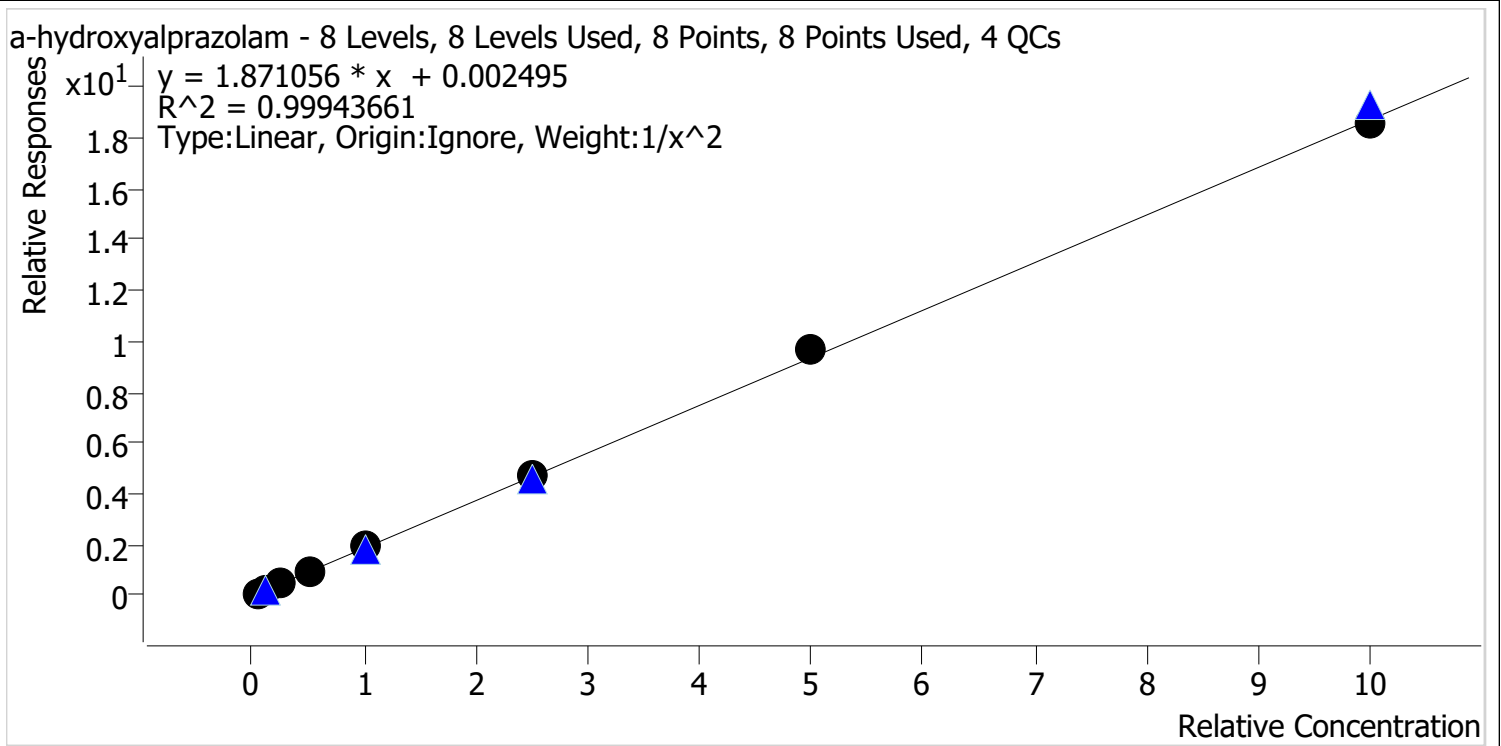
7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	53.4	106.7
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdq	6	✓	250.0	262.1	104.8
cal 7 mdq	7	✓	500.0	490.2	98.0
cal 8 mdq	8	✓	1000.0	815.9	81.6

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

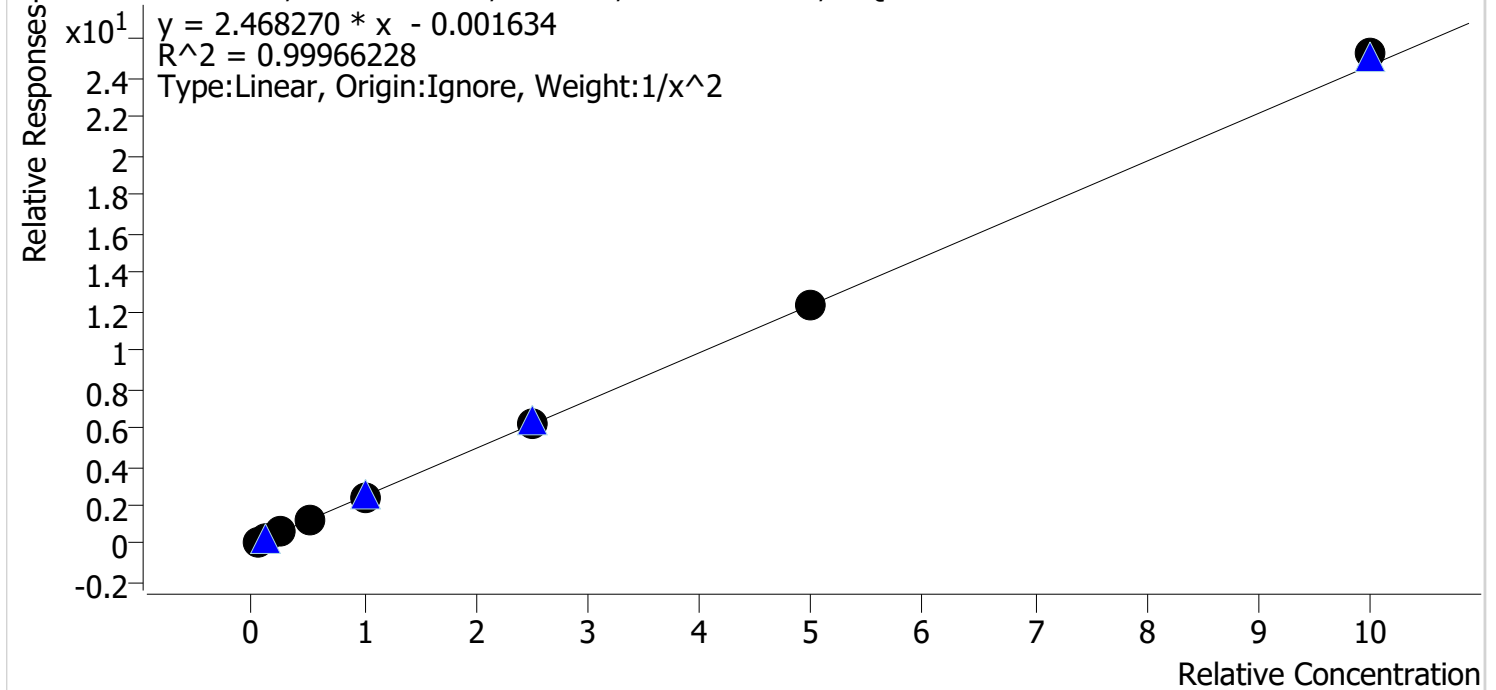


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	24.0	95.8
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	514.2	102.8
cal 8 mdq	8	✓	1000.0	996.2	99.6

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-d8

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

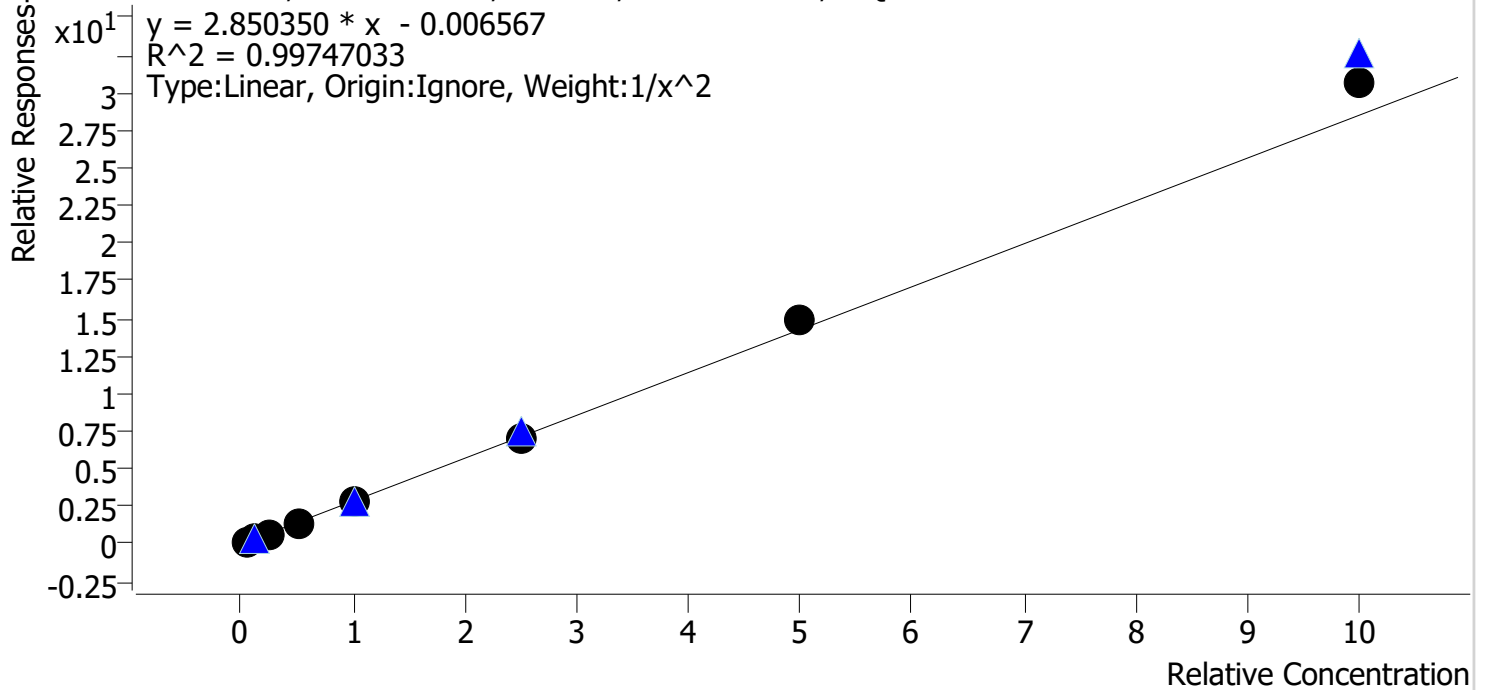


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.8	99.0
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	498.4	99.7
cal 8 mdq	8	✓	1000.0	1025.0	102.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\lam 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5

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

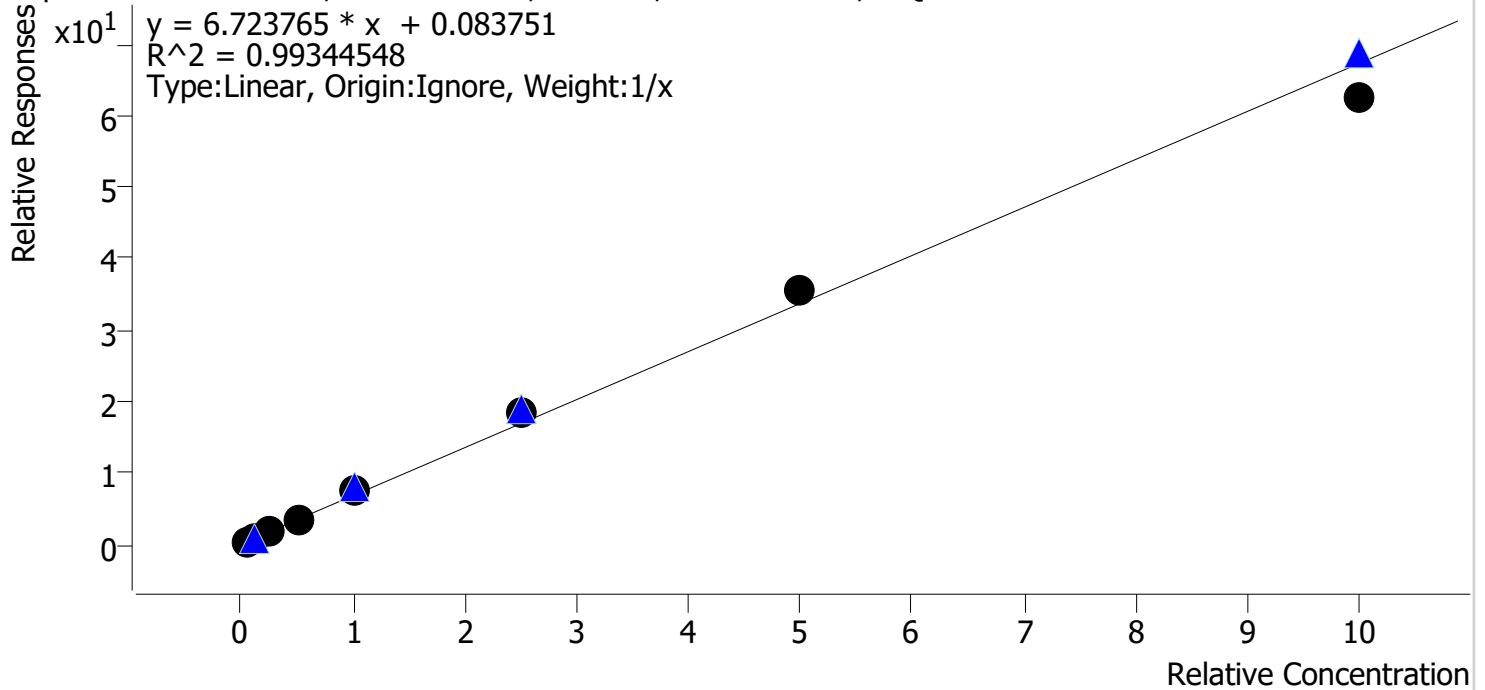


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.2	96.4
cal 5 mdq	5	✓	100.0	95.9	95.9
cal 6 mdq	6	✓	250.0	249.1	99.6
cal 7 mdq	7	✓	500.0	521.0	104.2
cal 8 mdq	8	✓	1000.0	1076.1	107.6

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11

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



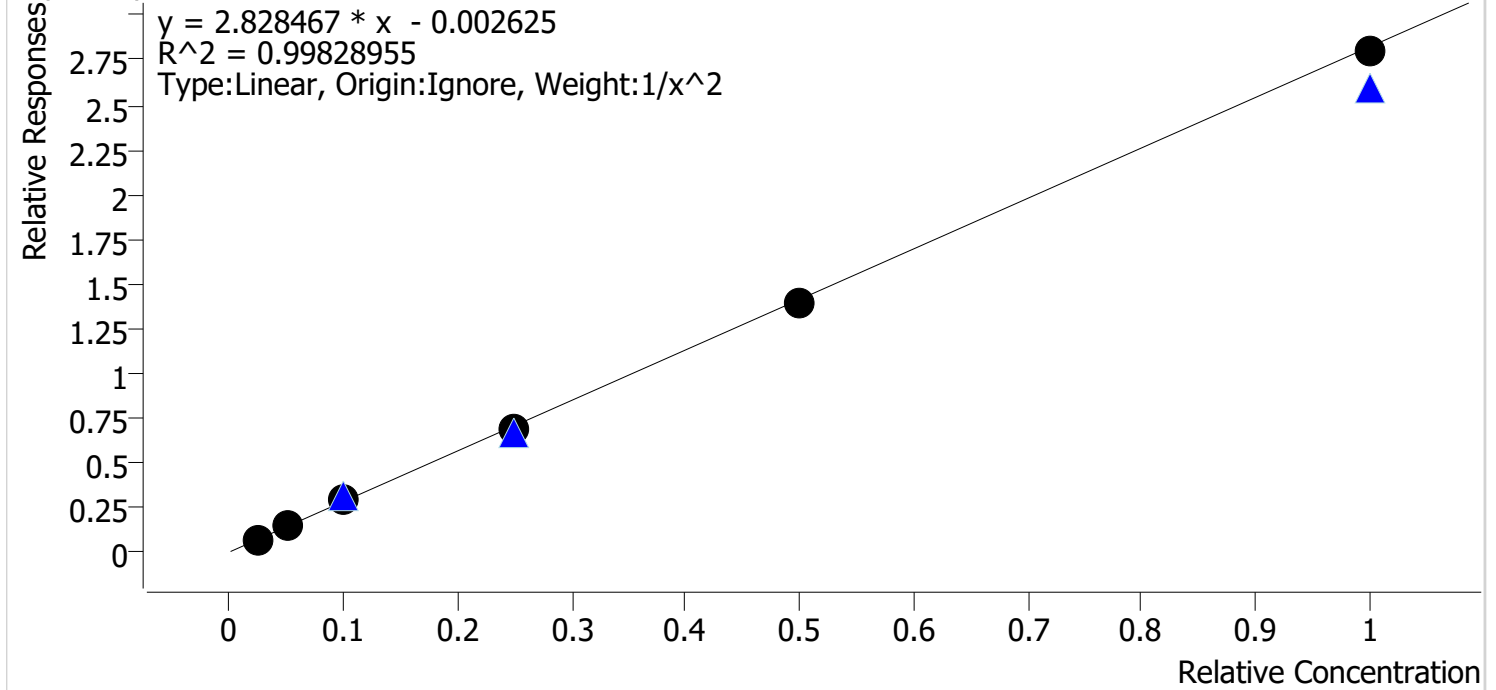
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	3.9	78.6
cal 2 mdq	2	✓	10.0	9.4	93.8
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	52.7	105.5
cal 5 mdq	5	✓	100.0	113.1	113.1
cal 6 mdq	6	✓	250.0	276.0	110.4
cal 7 mdq	7	✓	500.0	530.4	106.1
cal 8 mdq	8	✓	1000.0	929.5	92.9



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 3 QCs

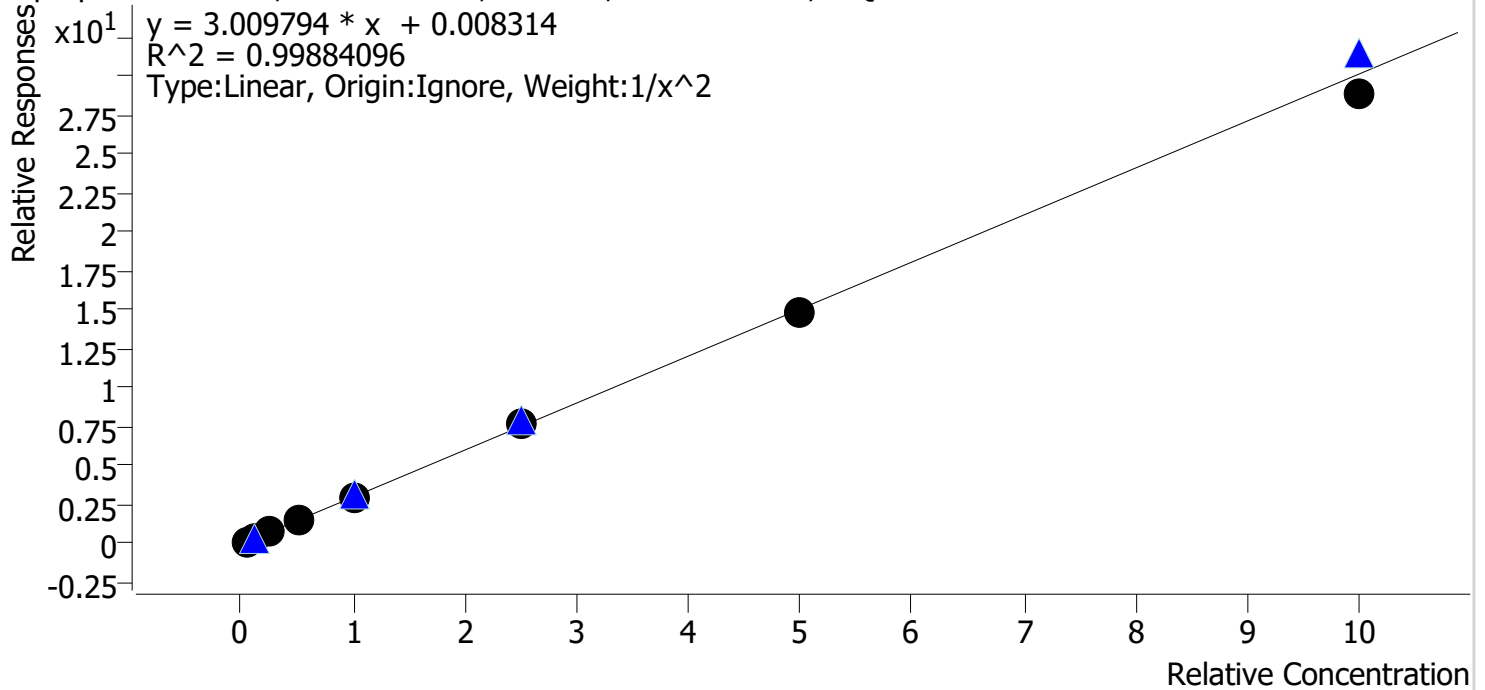


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 3 mdq	3	✓	2.5	2.4	97.1
cal 4 mdq	4	✓	5.0	5.2	104.6
cal 5 mdq	5	✓	10.0	10.4	103.8
cal 6 mdq	6	✓	25.0	24.4	97.5
cal 7 mdq	7	✓	50.0	49.0	98.0
cal 8 mdq	8	✓	100.0	99.0	99.0

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9

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



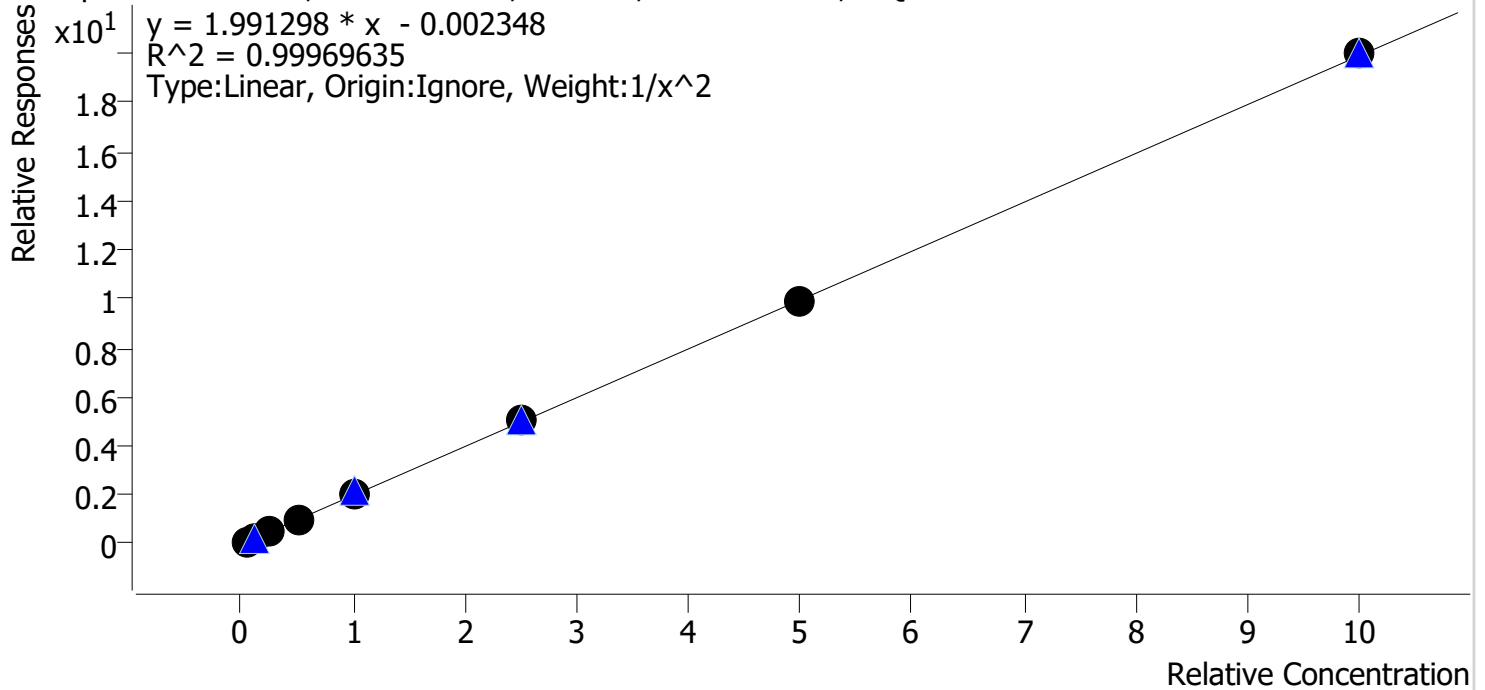
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	254.5	101.8
cal 7 mdq	7	✓	500.0	494.1	98.8
cal 8 mdq	8	✓	1000.0	955.0	95.5



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7

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

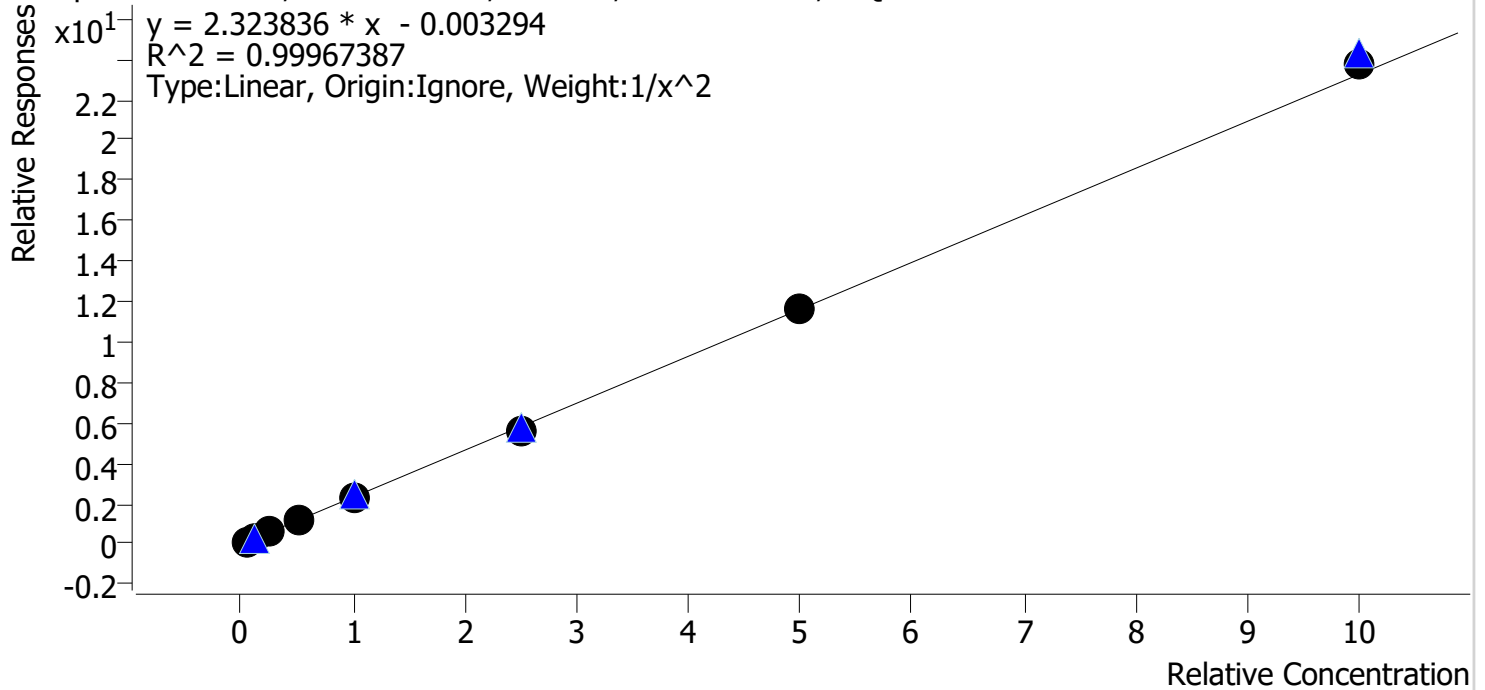


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	254.9	102.0
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	1004.6	100.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6

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

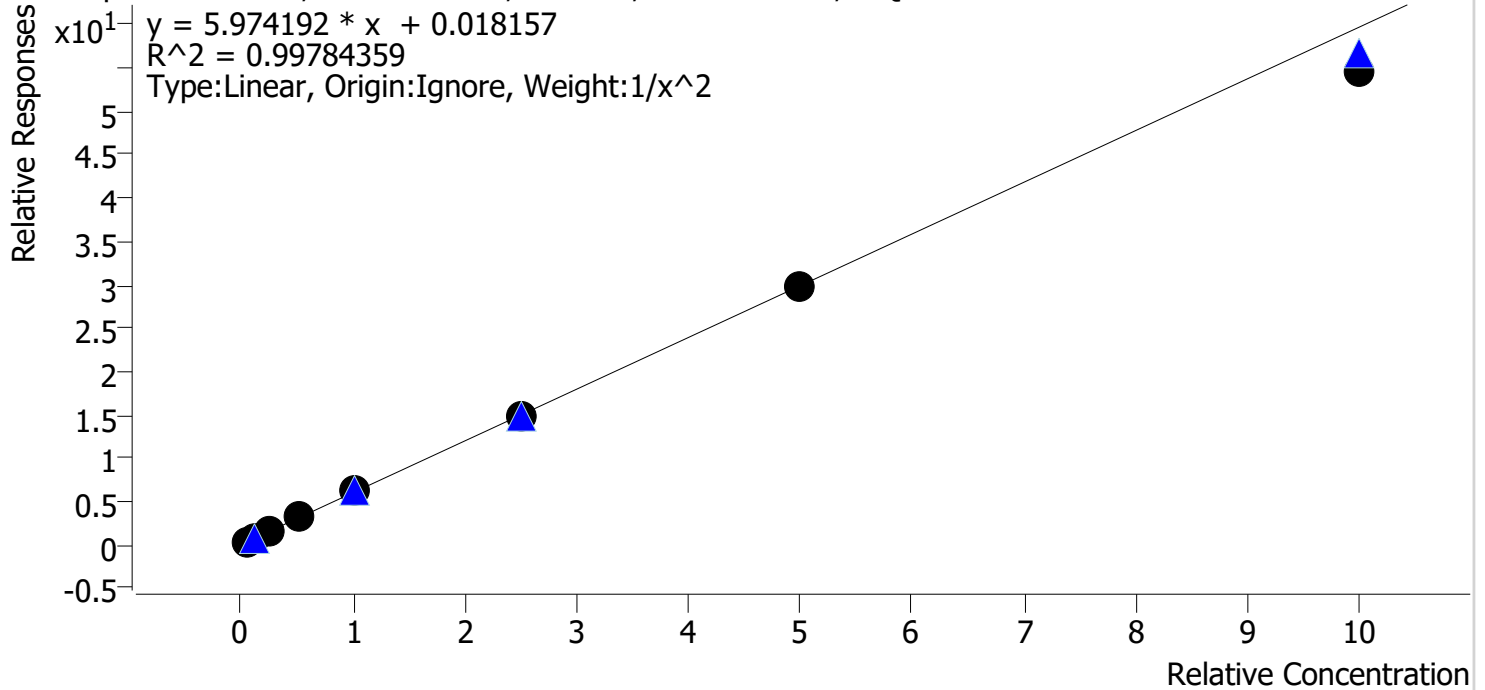


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.8	98.2
cal 3 mdq	3	✓	25.0	25.2	101.0
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	244.0	97.6
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	1024.2	102.4

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4

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



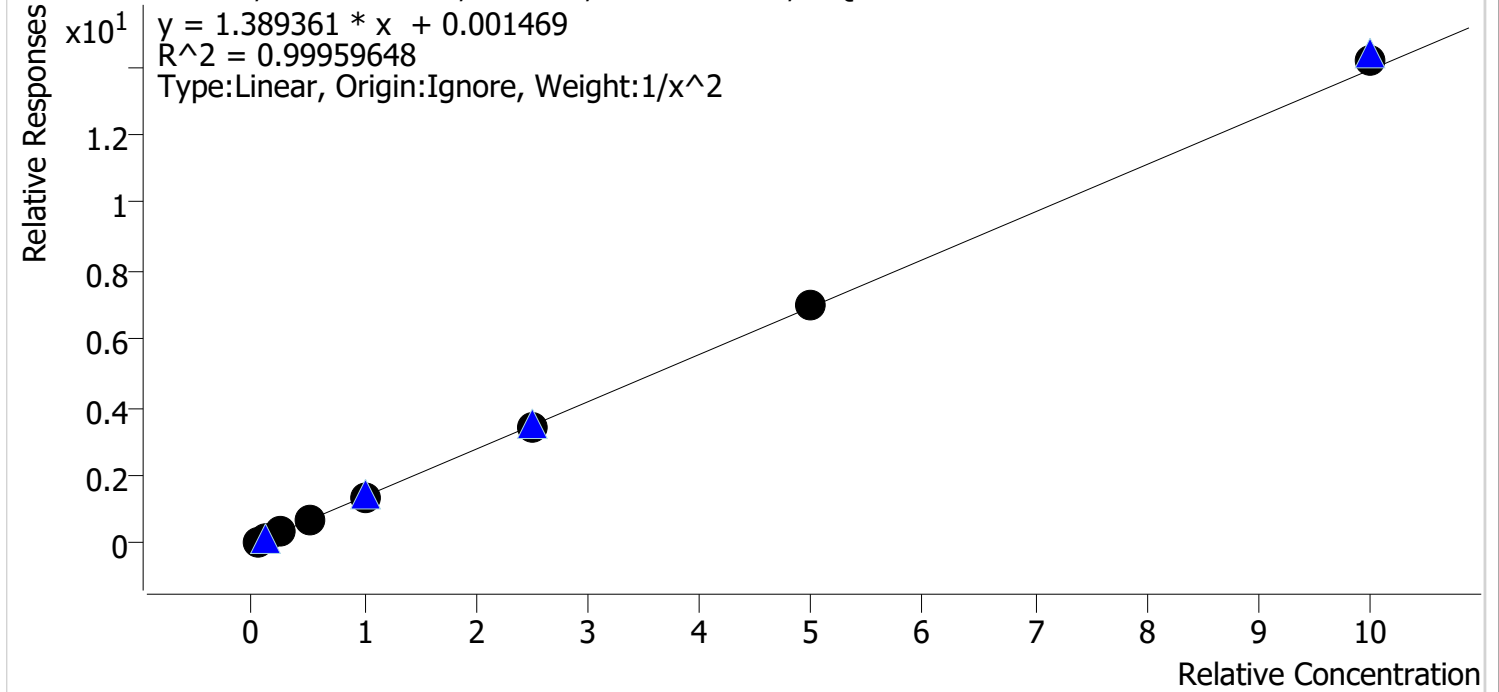
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	52.1	104.2
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	249.1	99.6
cal 7 mdq	7	✓	500.0	500.1	100.0
cal 8 mdq	8	✓	1000.0	917.7	91.8

# Compound Calibration Report



**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-d3

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

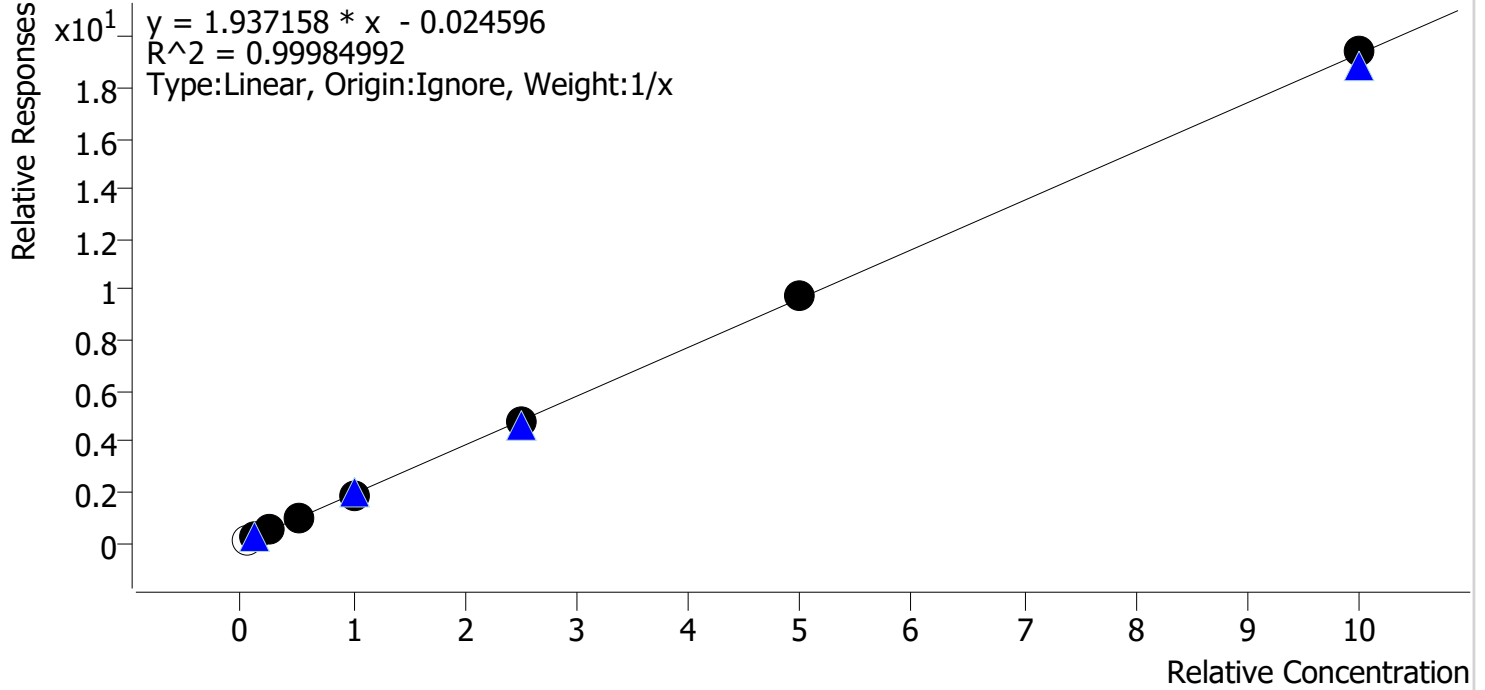


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	50.8	101.6
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	505.8	101.2
cal 8 mdq	8	✓	1000.0	1020.7	102.1

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6

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

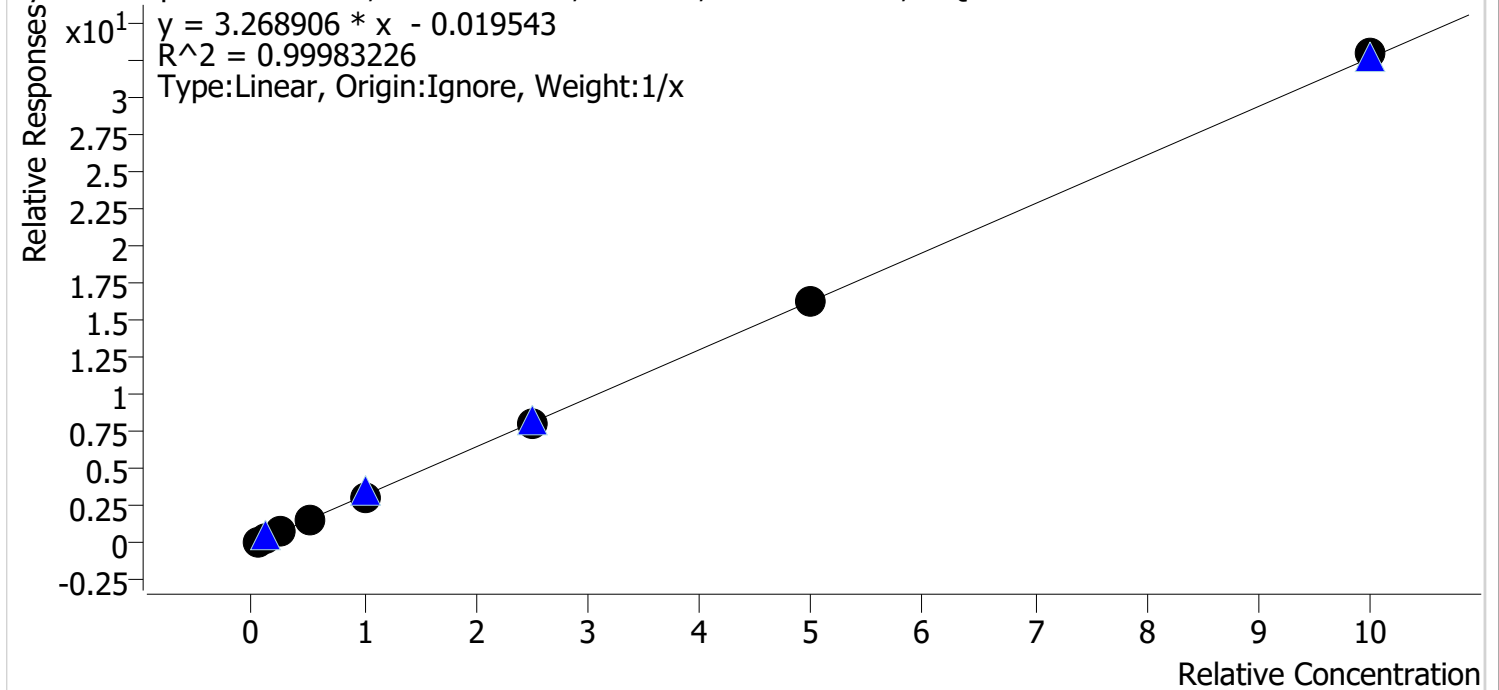


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	6.5	129.8
cal 2 mdq	2	✓	10.0	10.4	104.4
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	244.3	97.7
cal 7 mdq	7	✓	500.0	503.5	100.7
cal 8 mdq	8	✓	1000.0	1004.6	100.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**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
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	10.4	103.5
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	96.0	96.0
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	496.7	99.3
cal 8 mdq	8	✓	1000.0	1008.9	100.9



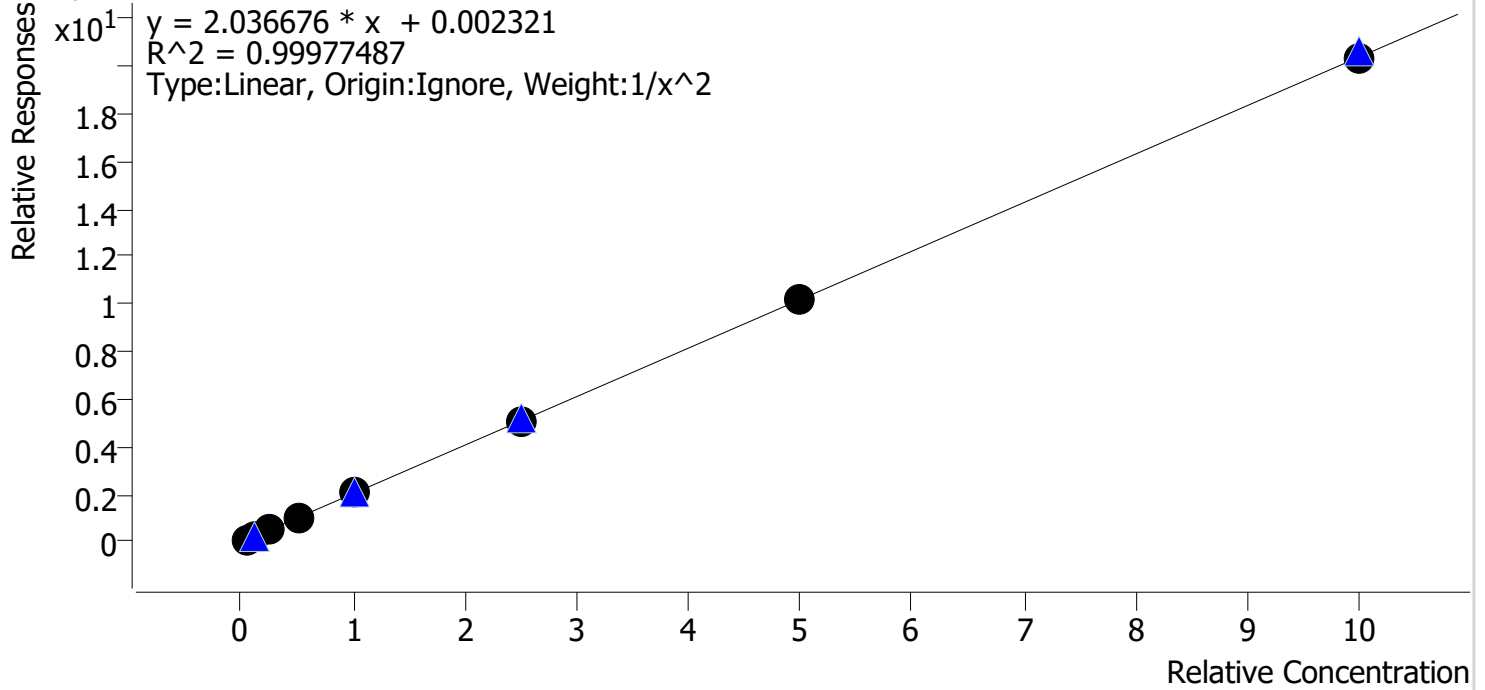




# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5

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

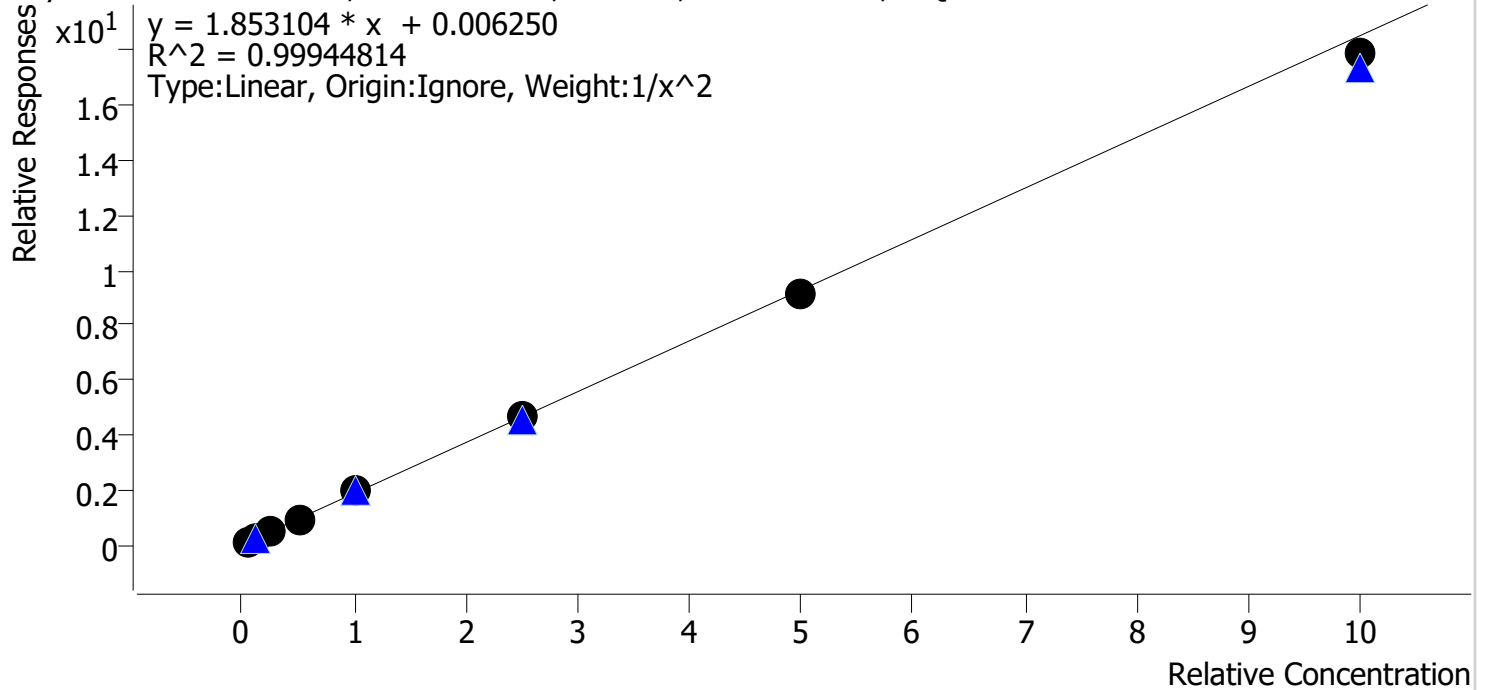


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	248.9	99.6
cal 7 mdq	7	✓	500.0	502.1	100.4
cal 8 mdq	8	✓	1000.0	999.3	99.9

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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

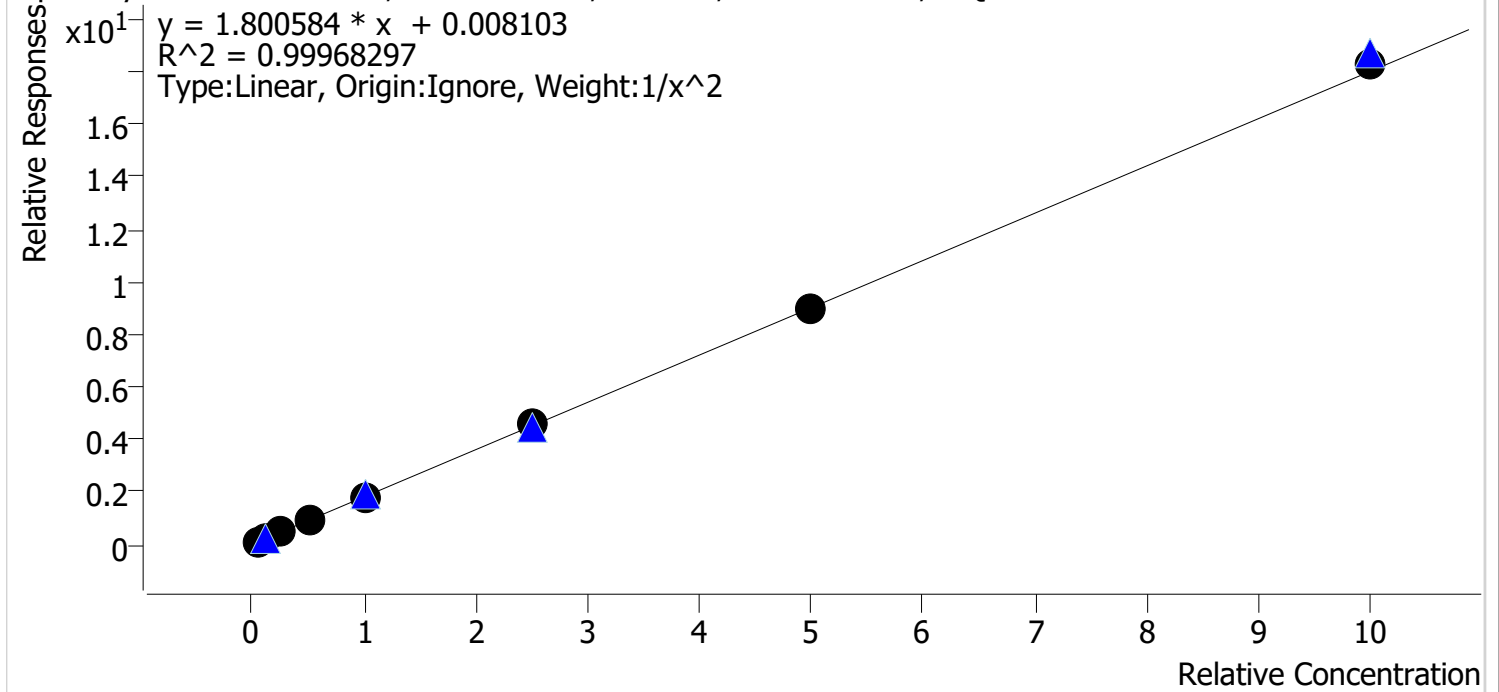


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.3	101.4
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	249.9	99.9
cal 7 mdq	7	✓	500.0	493.1	98.6
cal 8 mdq	8	✓	1000.0	964.6	96.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

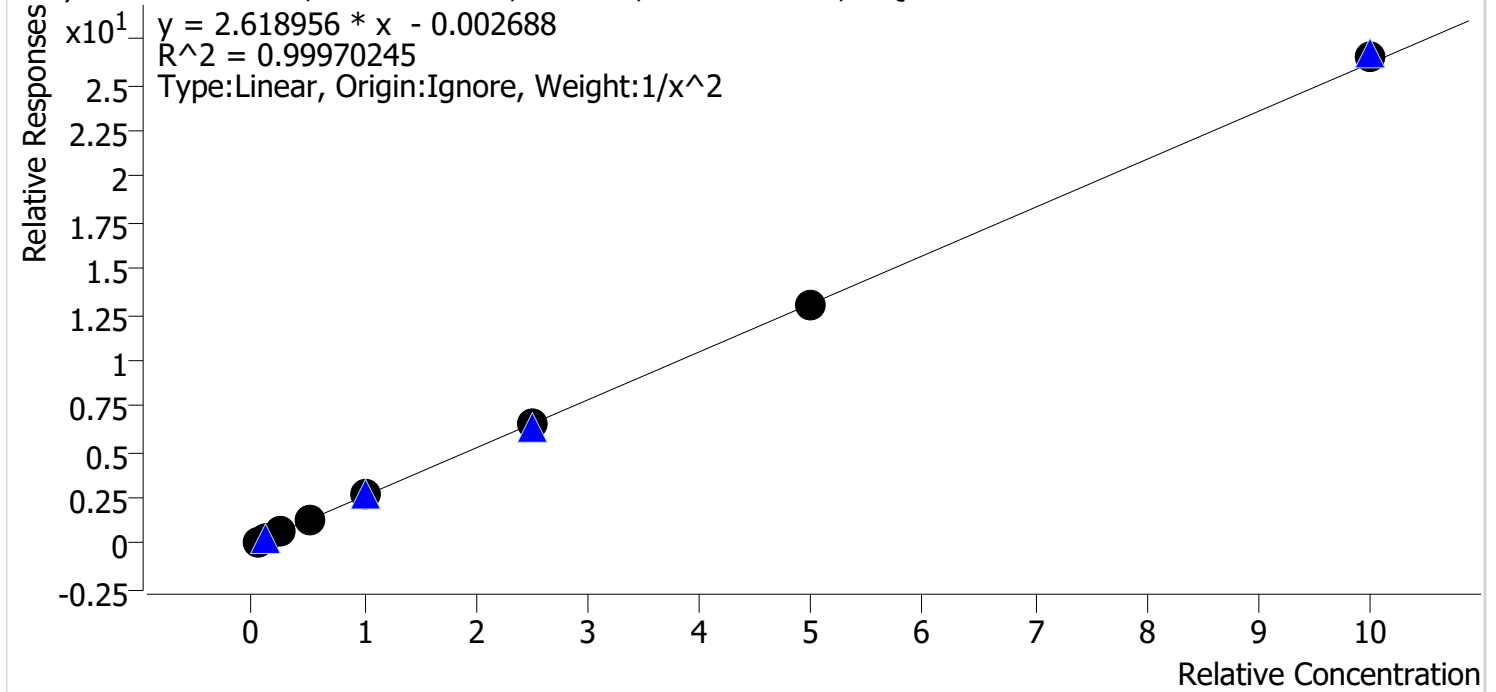


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	251.6	100.7
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	1012.5	101.2

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5

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

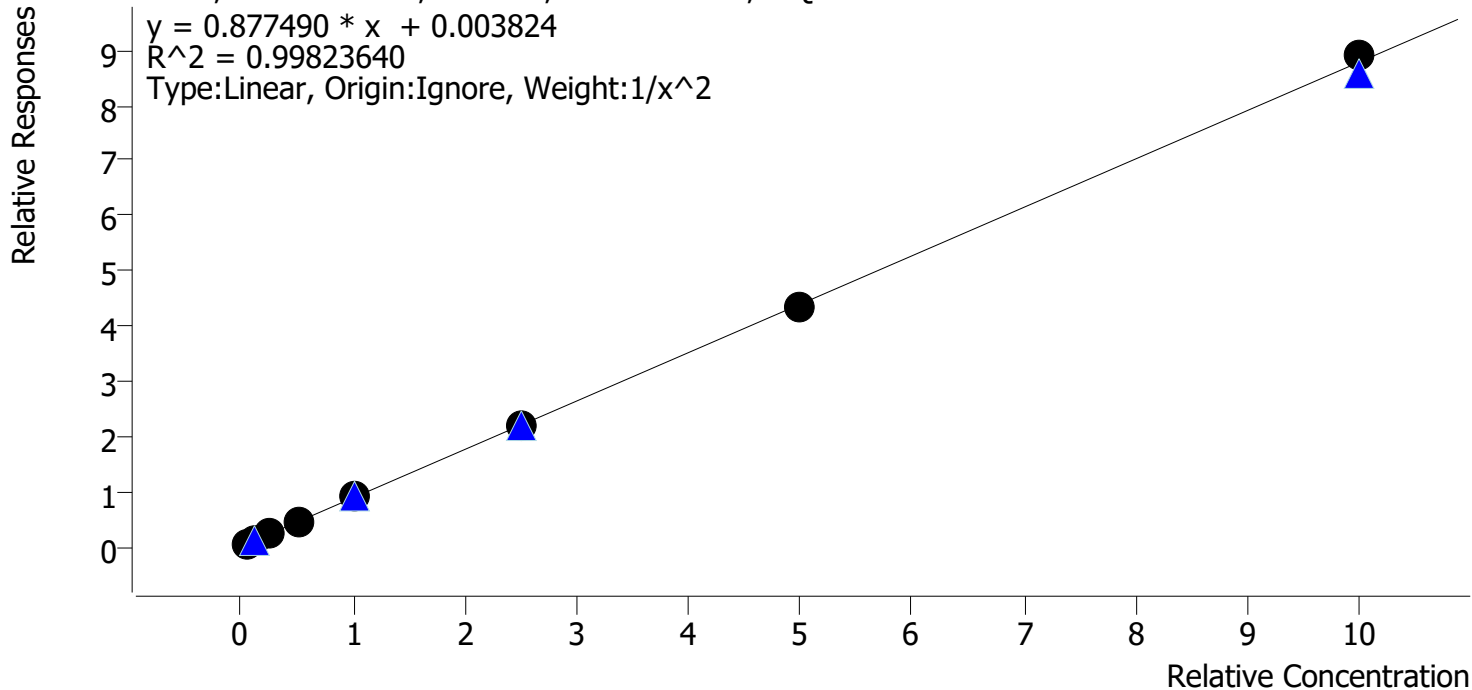


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	498.4	99.7
cal 8 mdq	8	✓	1000.0	1014.3	101.4

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3

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

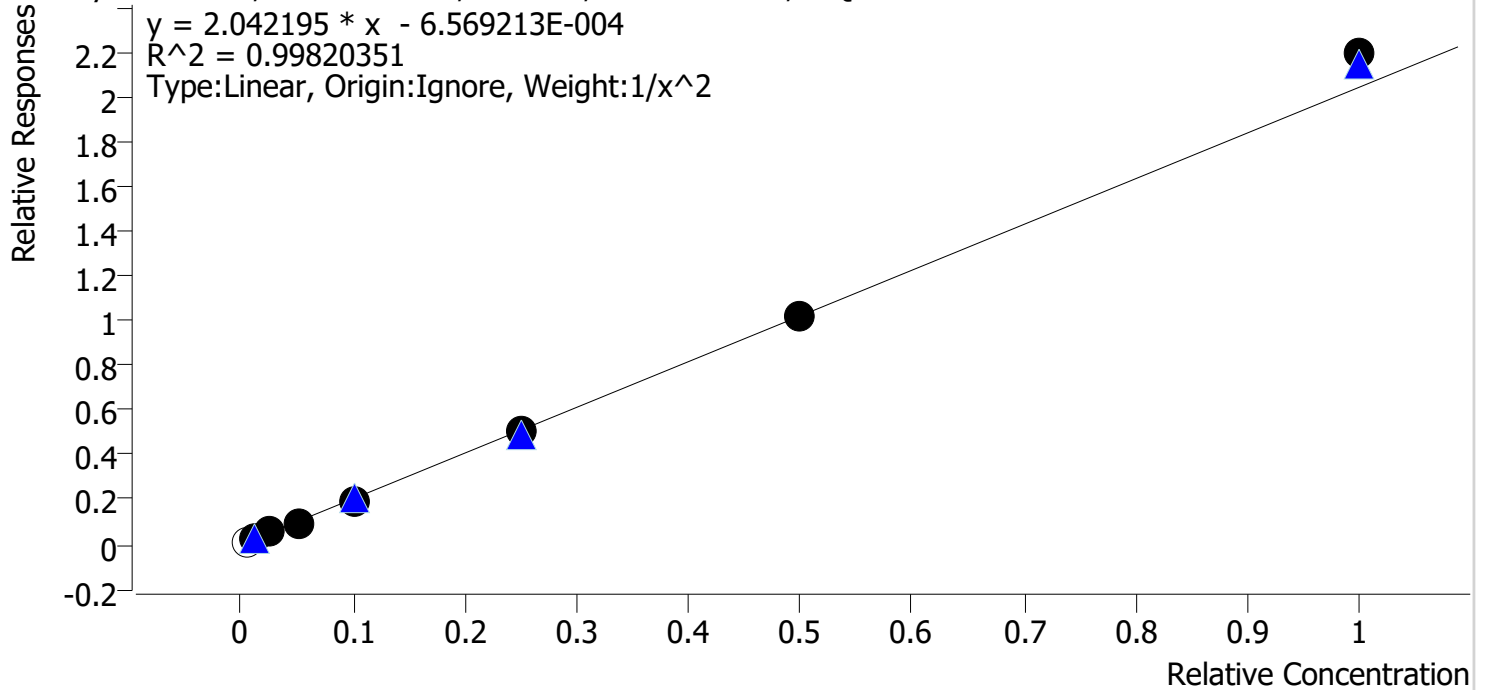


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.2	91.9
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	494.0	98.8
cal 8 mdq	8	✓	1000.0	1013.5	101.4

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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

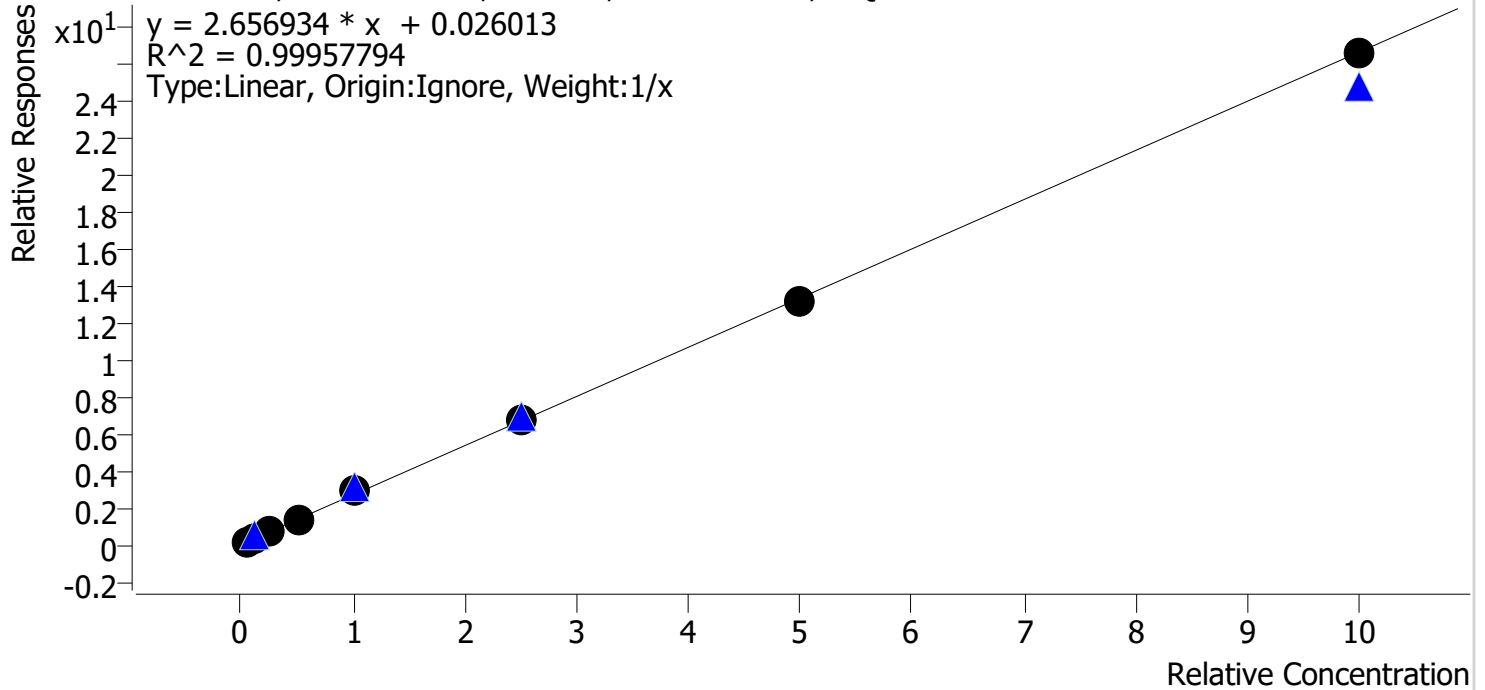


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.6	121.9
cal 2 mdq	2	✓	1.0	1.0	100.9
cal 3 mdq	3	✓	2.5	2.5	100.1
cal 4 mdq	4	✓	5.0	4.9	97.0
cal 5 mdq	5	✓	10.0	9.7	96.6
cal 6 mdq	6	✓	25.0	24.5	98.0
cal 7 mdq	7	✓	50.0	50.0	100.0
cal 8 mdq	8	✓	100.0	107.4	107.4

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6

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

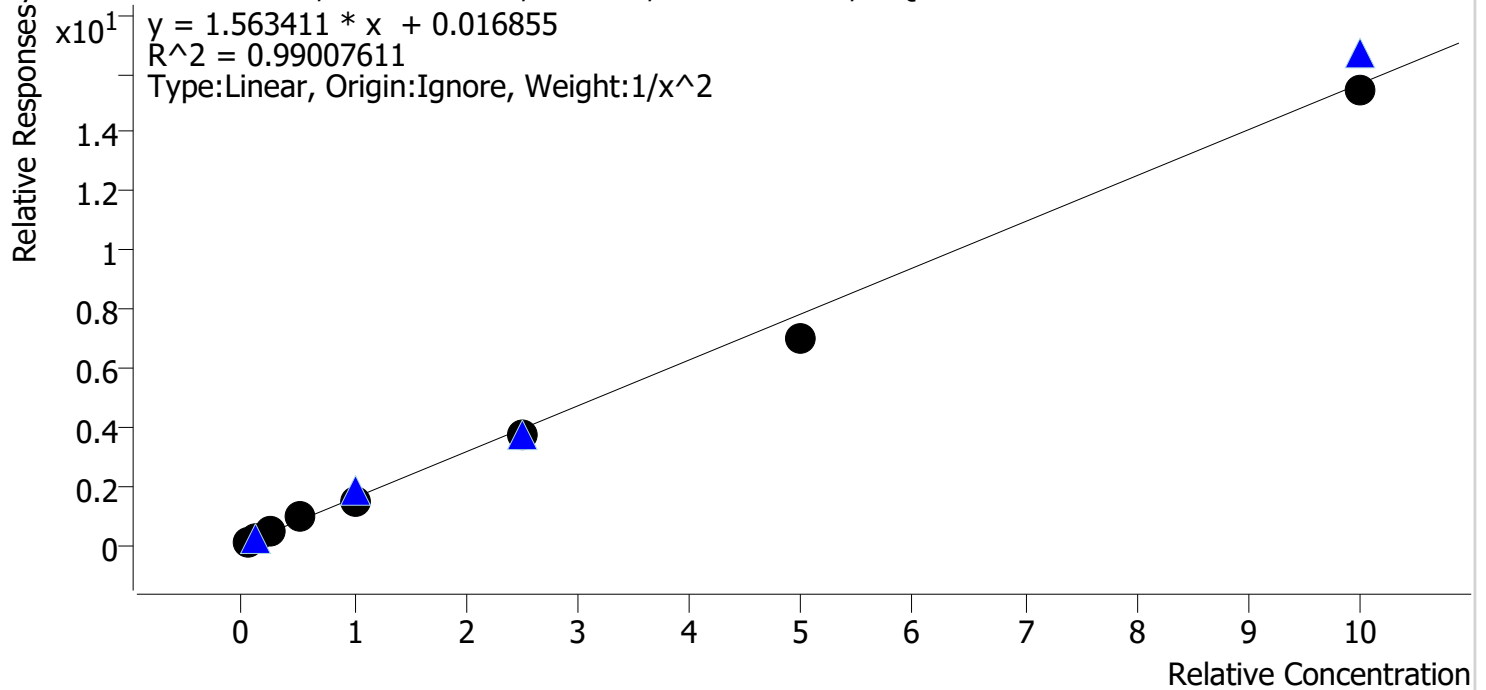


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	91.0
cal 2 mdq	2	✓	10.0	9.6	95.8
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	105.8	105.8
cal 6 mdq	6	✓	250.0	254.2	101.7
cal 7 mdq	7	✓	500.0	491.1	98.2
cal 8 mdq	8	✓	1000.0	996.9	99.7

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6

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



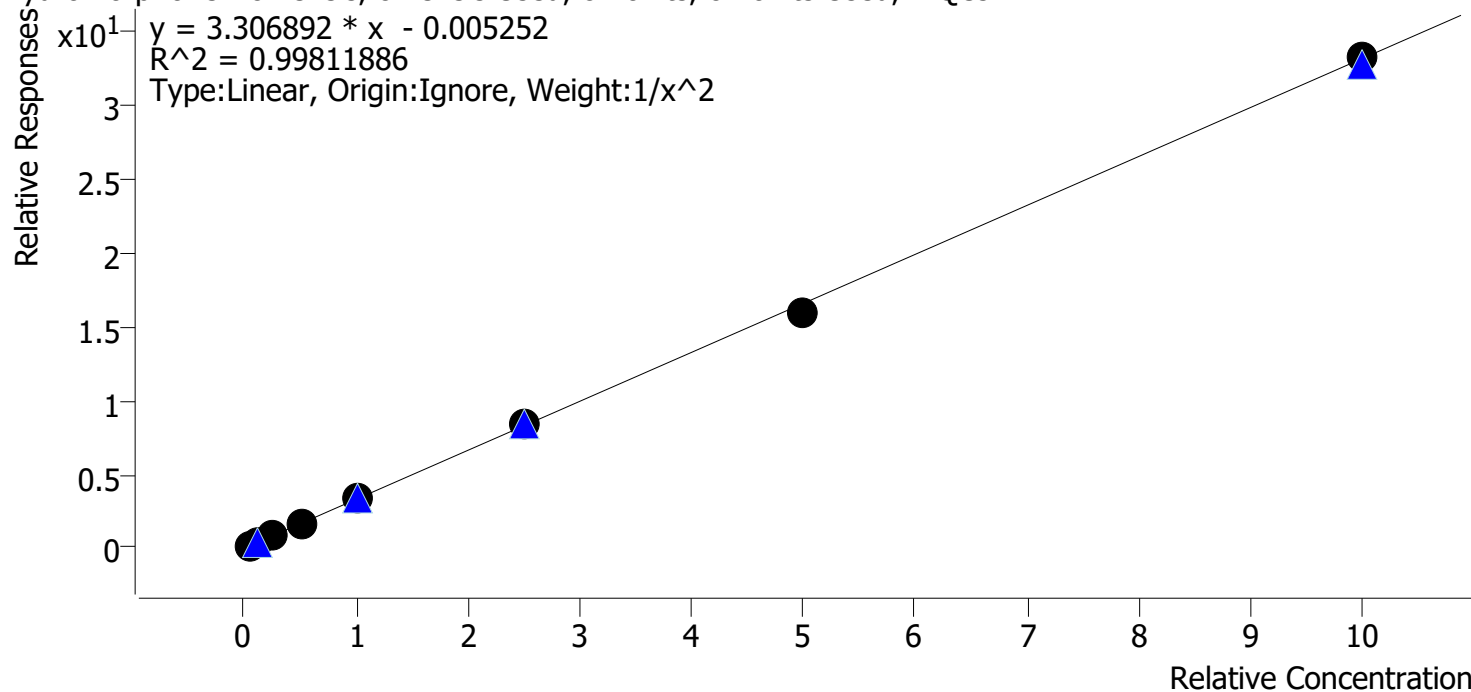
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	26.9	107.7
cal 4 mdq	4	✓	50.0	58.2	116.4
cal 5 mdq	5	✓	100.0	95.6	95.6
cal 6 mdq	6	✓	250.0	234.3	93.7
cal 7 mdq	7	✓	500.0	446.7	89.3
cal 8 mdq	8	✓	1000.0	985.6	98.6



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6

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

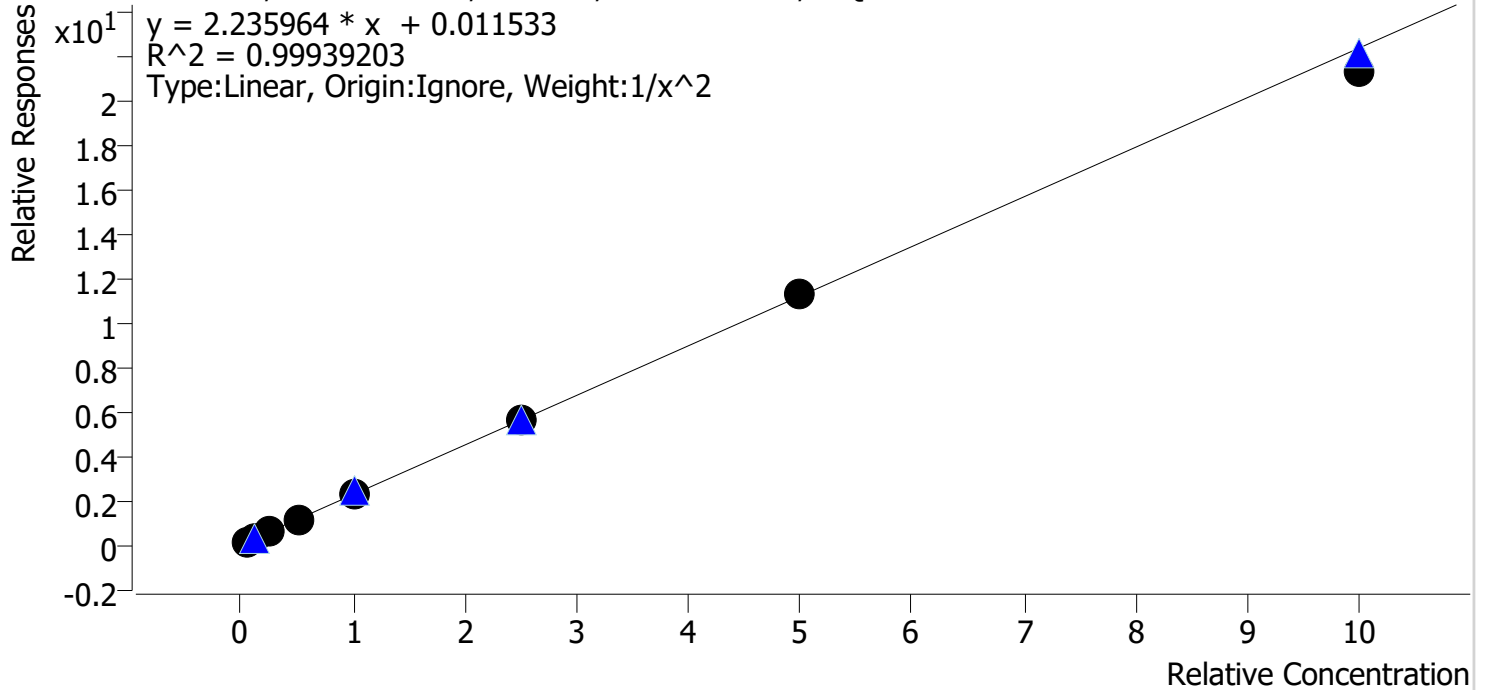


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	25.9	103.5
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	104.2	104.2
cal 6 mdq	6	✓	250.0	255.1	102.1
cal 7 mdq	7	✓	500.0	477.5	95.5
cal 8 mdq	8	✓	1000.0	1002.0	100.2

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4

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

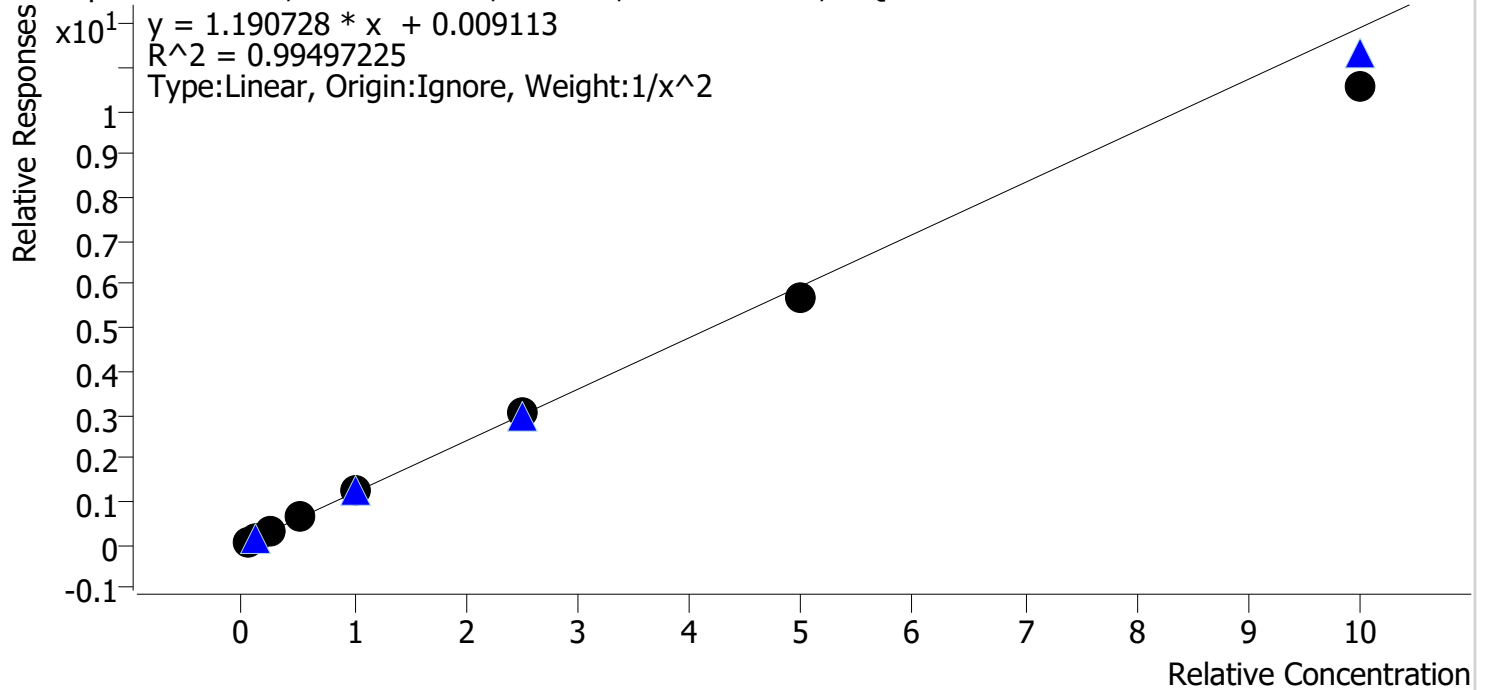


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	102.3	102.3
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	955.5	95.6

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5

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

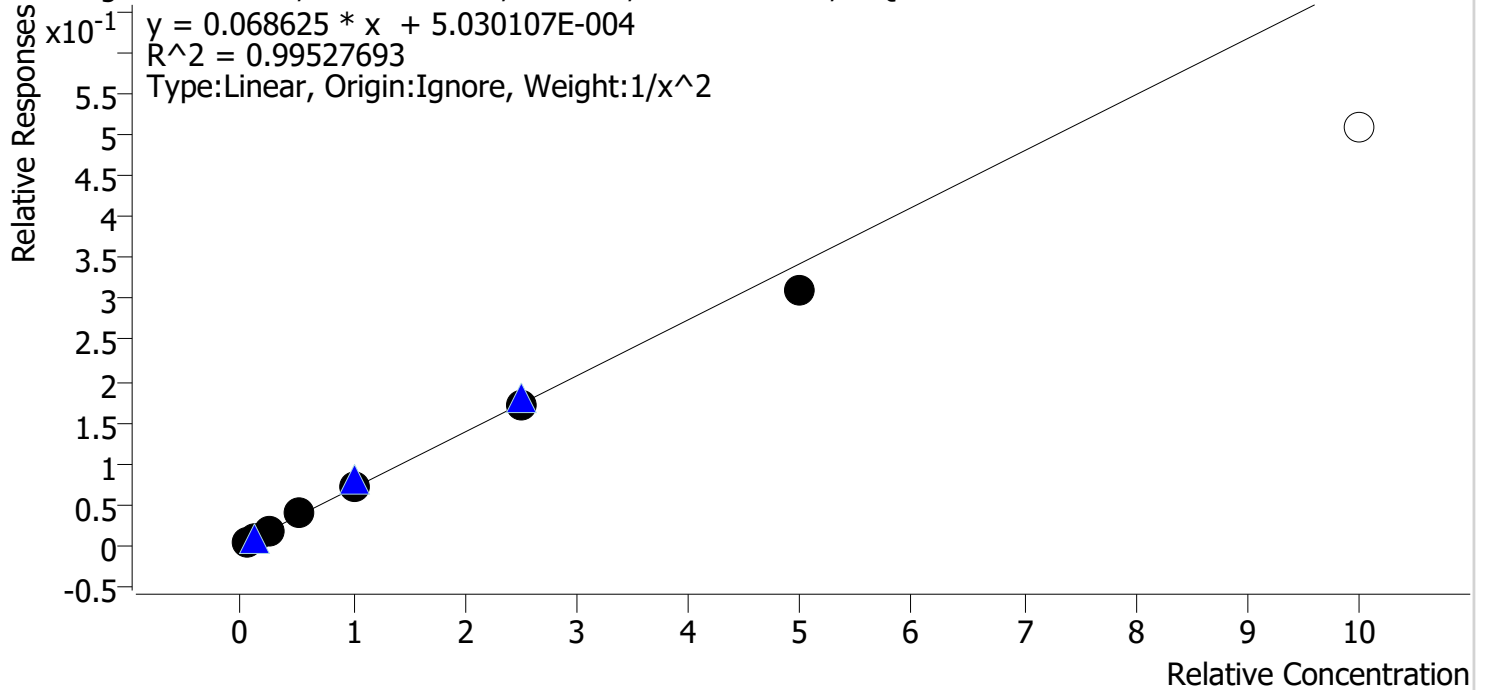


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	54.5	109.0
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdq	6	✓	250.0	254.6	101.8
cal 7 mdq	7	✓	500.0	479.7	95.9
cal 8 mdq	8	✓	1000.0	886.8	88.7

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\lam 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Lamotrigine **Internal Standard** Zolpidem-D6

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

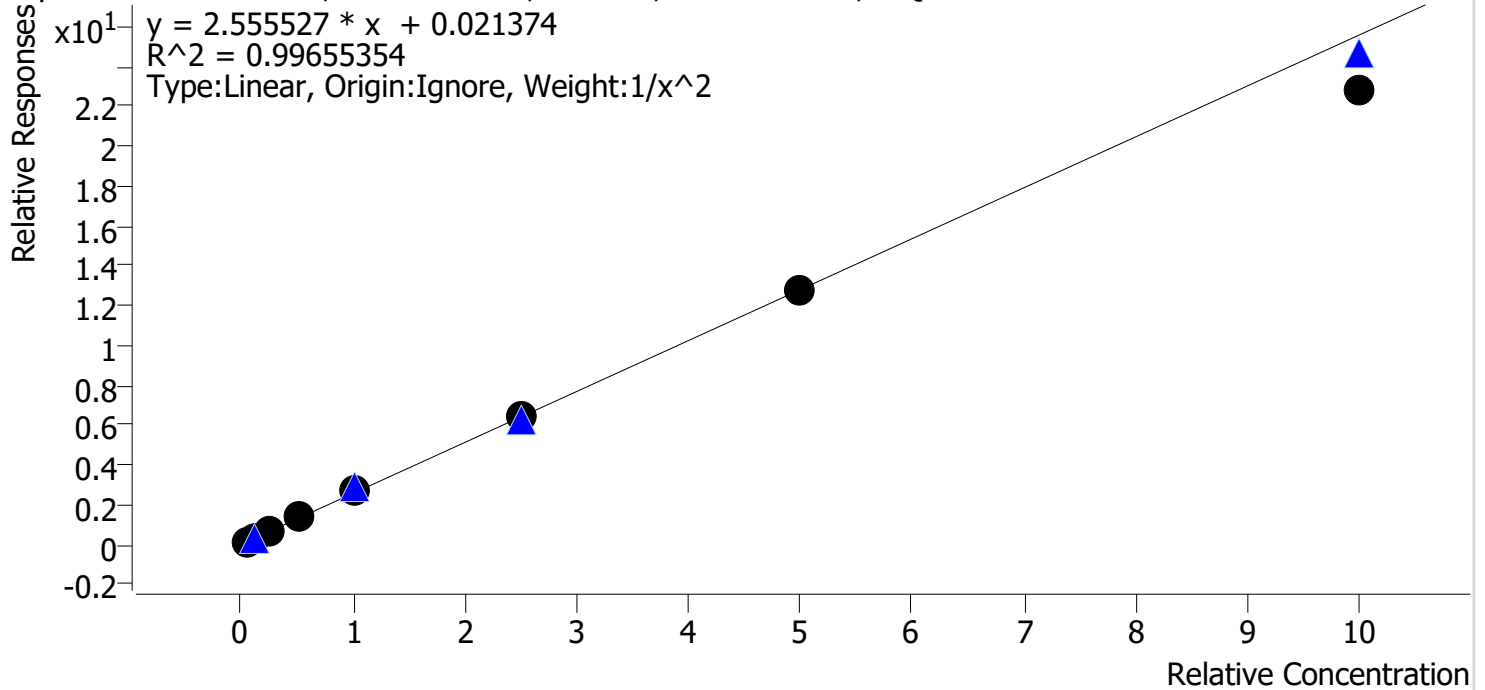


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	54.6	109.1
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	452.1	90.4
cal 8 mdq	8	✗	1000.0	744.6	74.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7

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

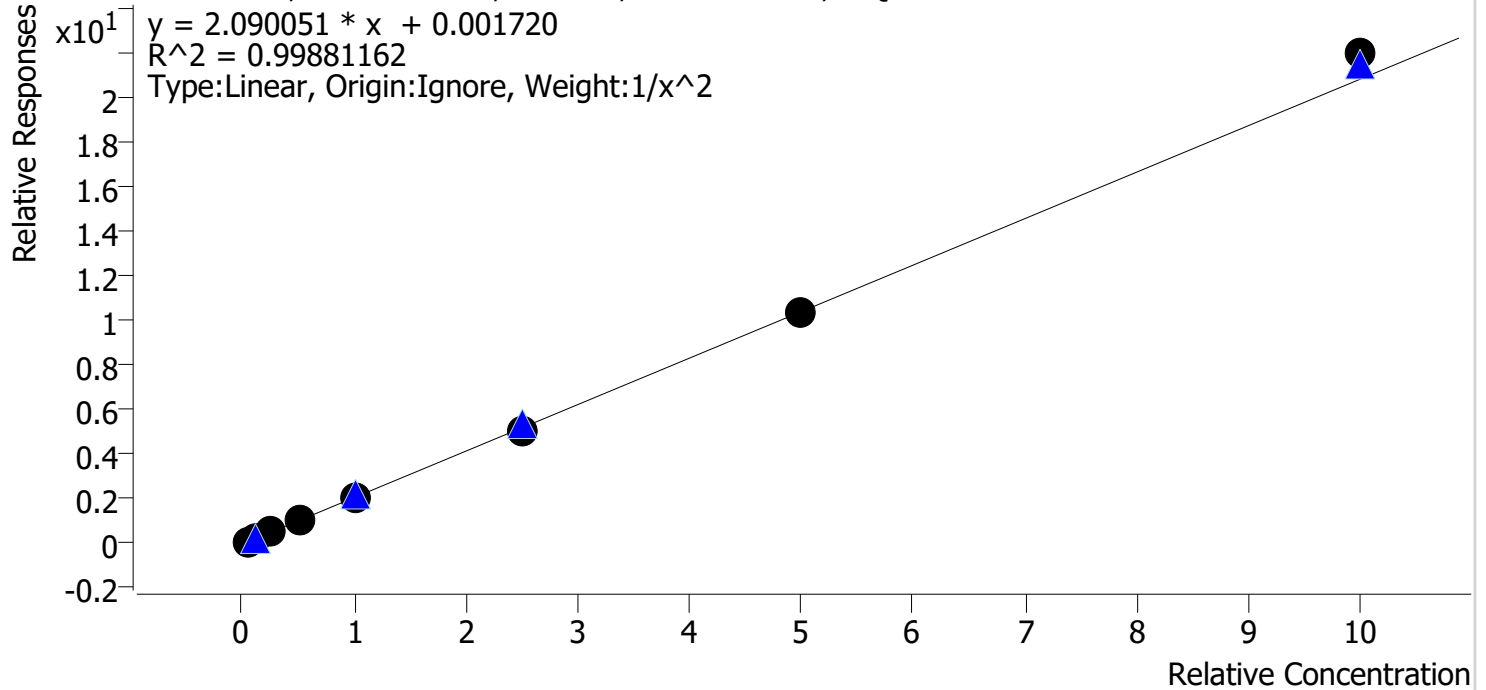


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	25.3	101.4
cal 4 mdq	4	✓	50.0	53.1	106.3
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	253.4	101.4
cal 7 mdq	7	✓	500.0	497.3	99.5
cal 8 mdq	8	✓	1000.0	888.6	88.9

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9

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

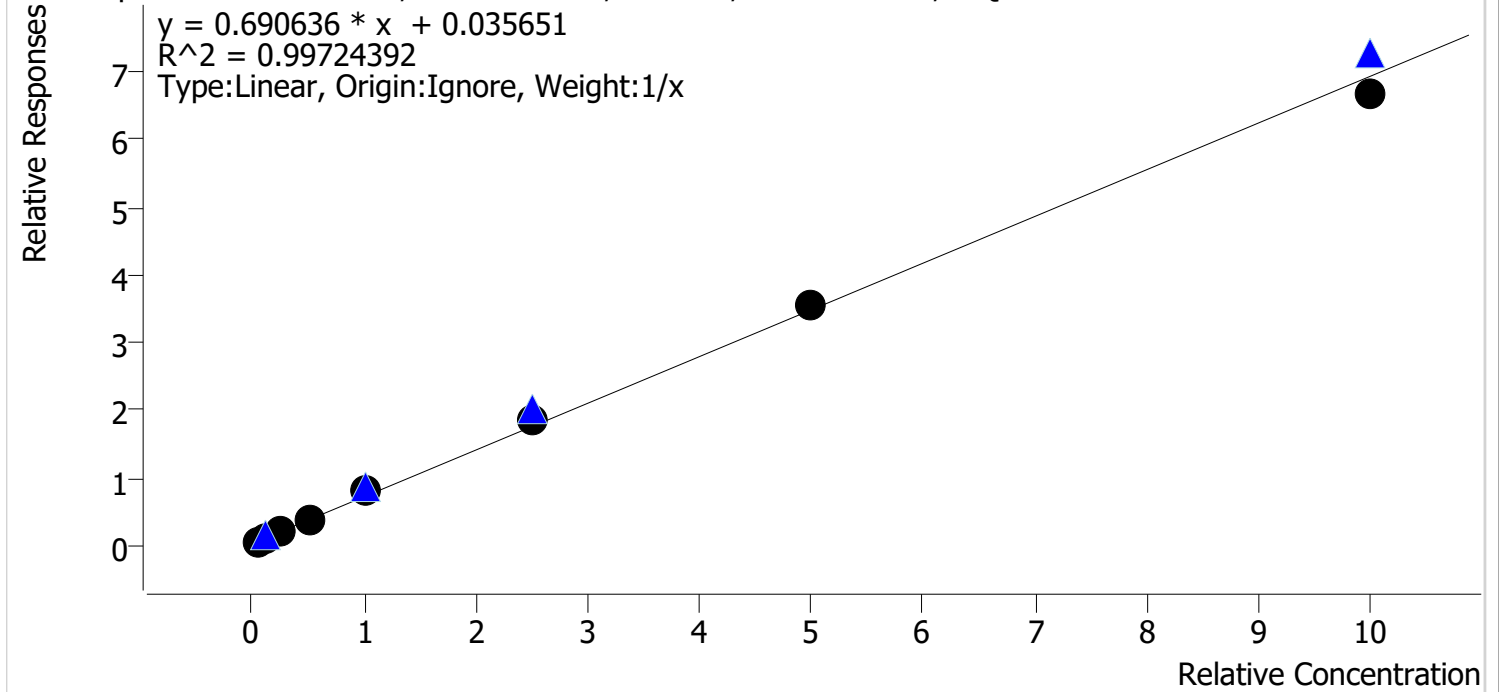


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	242.8	97.1
cal 7 mdq	7	✓	500.0	500.4	100.1
cal 8 mdq	8	✓	1000.0	1055.0	105.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11

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

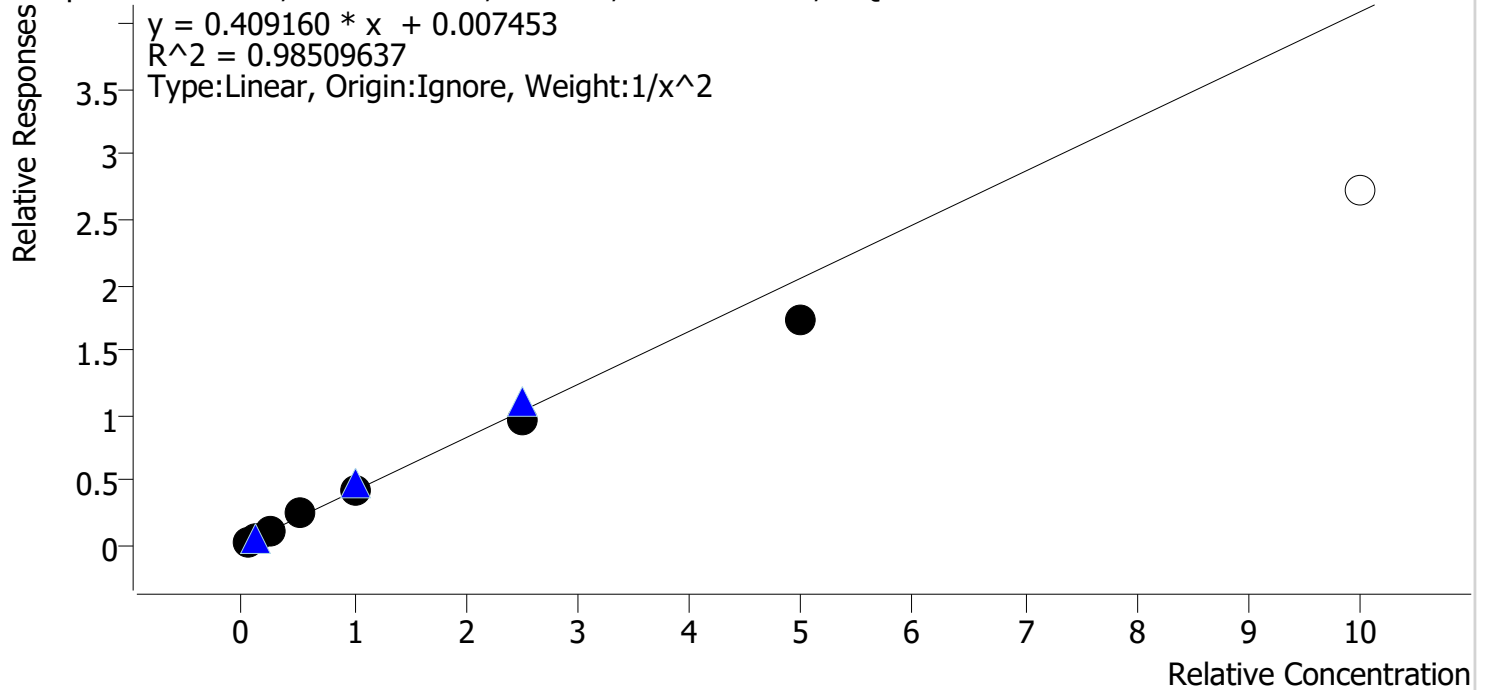


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	3.6	72.4
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	26.7	107.0
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	115.6	115.6
cal 6 mdq	6	✓	250.0	260.3	104.1
cal 7 mdq	7	✓	500.0	509.1	101.8
cal 8 mdq	8	✓	1000.0	963.3	96.3

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Metoprolol **Internal Standard** Phentermine-D5

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



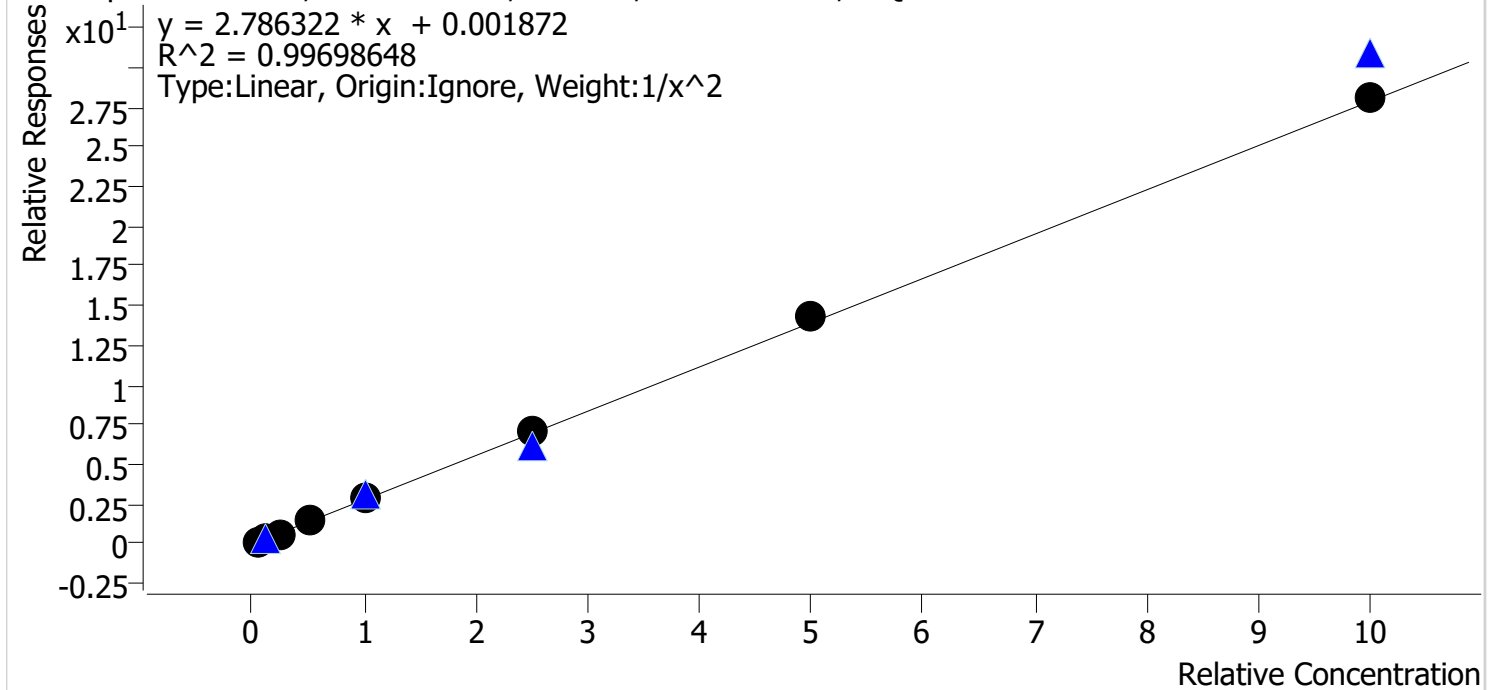
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.0
cal 2 mdq	2	✓	10.0	10.6	106.2
cal 3 mdq	3	✓	25.0	27.4	109.5
cal 4 mdq	4	✓	50.0	57.1	114.2
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	233.9	93.6
cal 7 mdq	7	✓	500.0	423.0	84.6
cal 8 mdq	8	✗	1000.0	667.1	66.7



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** Methadone-D9

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

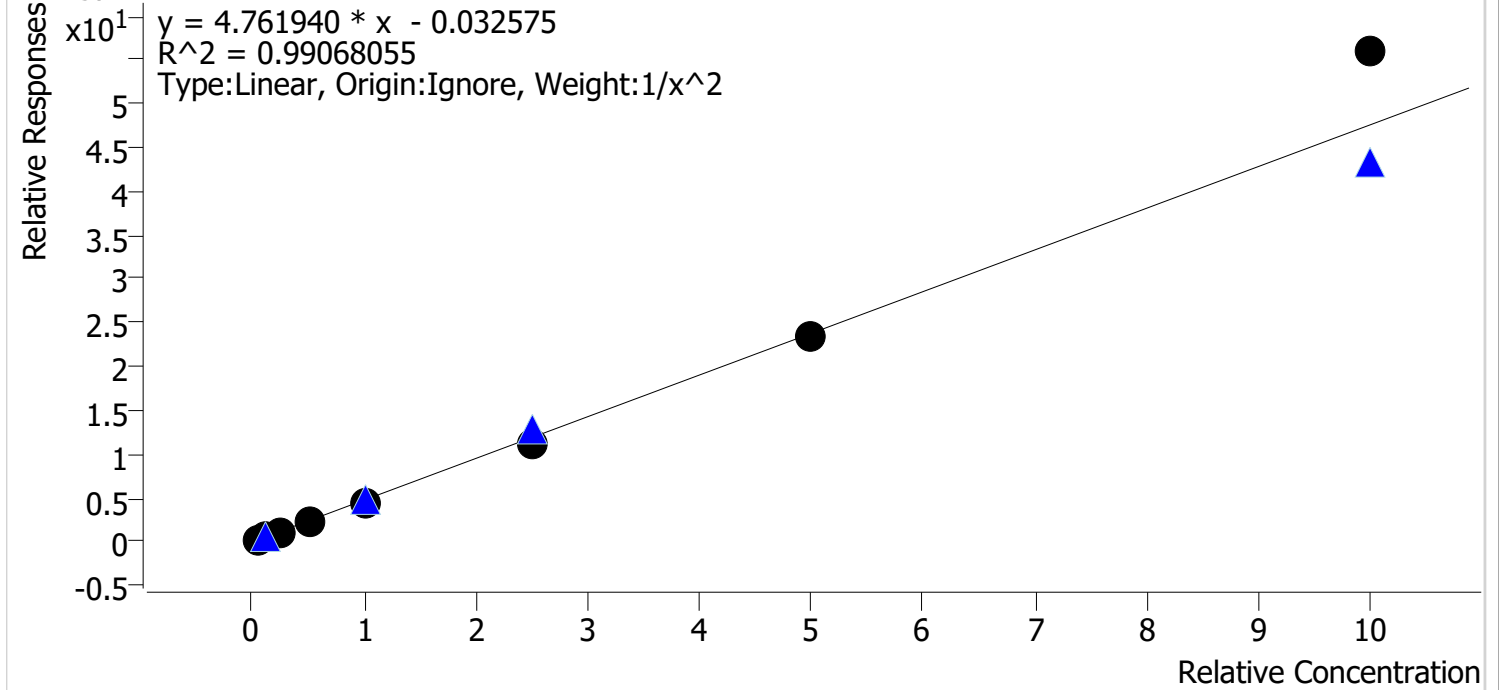


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.1
cal 2 mdq	2	✓	10.0	9.2	91.9
cal 3 mdq	3	✓	25.0	23.4	93.6
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	518.3	103.7
cal 8 mdq	8	✓	1000.0	1007.7	100.8

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Mitragynine **Internal Standard** Buprenorphine-D4

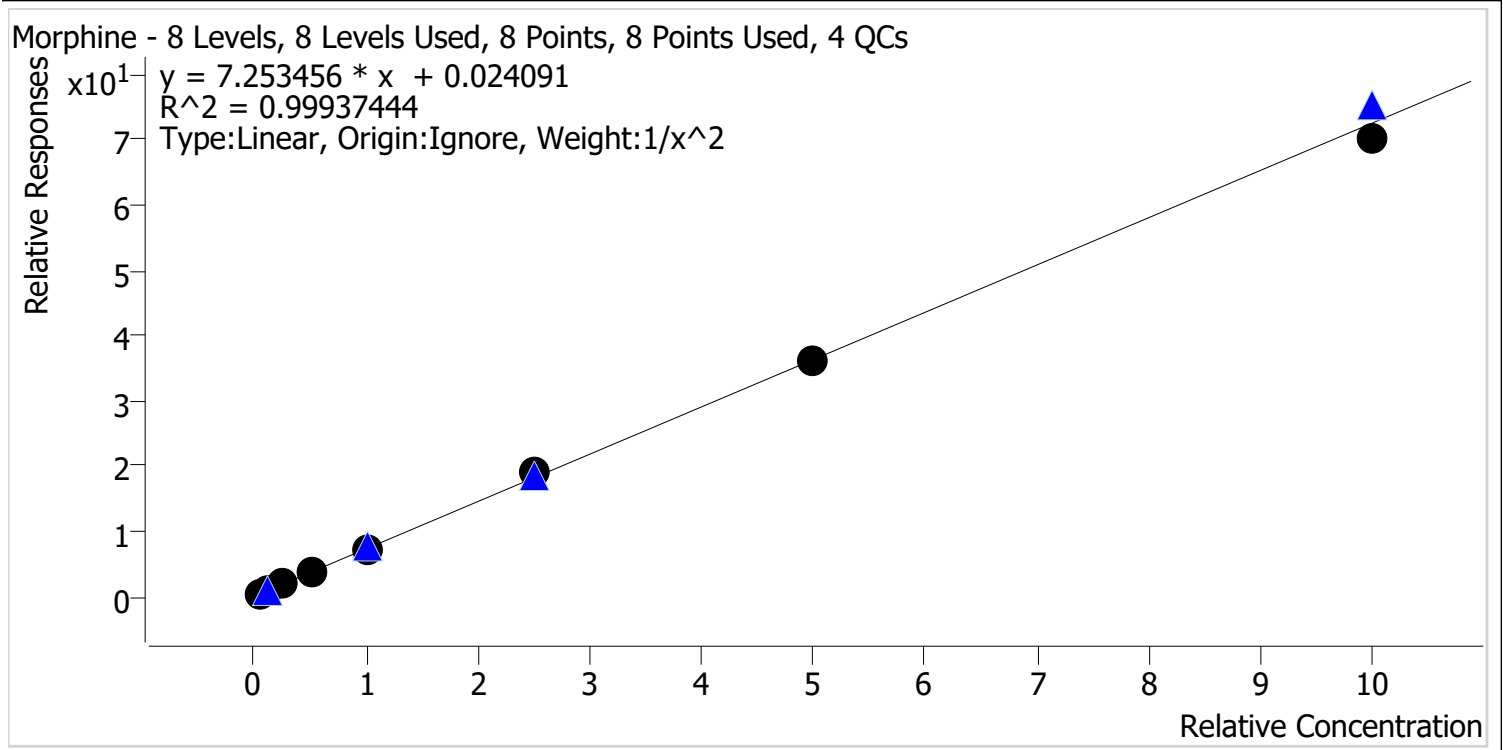
Mitragynine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.5	105.4
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	90.2	90.2
cal 6 mdq	6	✓	250.0	232.2	92.9
cal 7 mdq	7	✓	500.0	494.4	98.9
cal 8 mdq	8	✓	1000.0	1175.7	117.6

# Compound Calibration Report

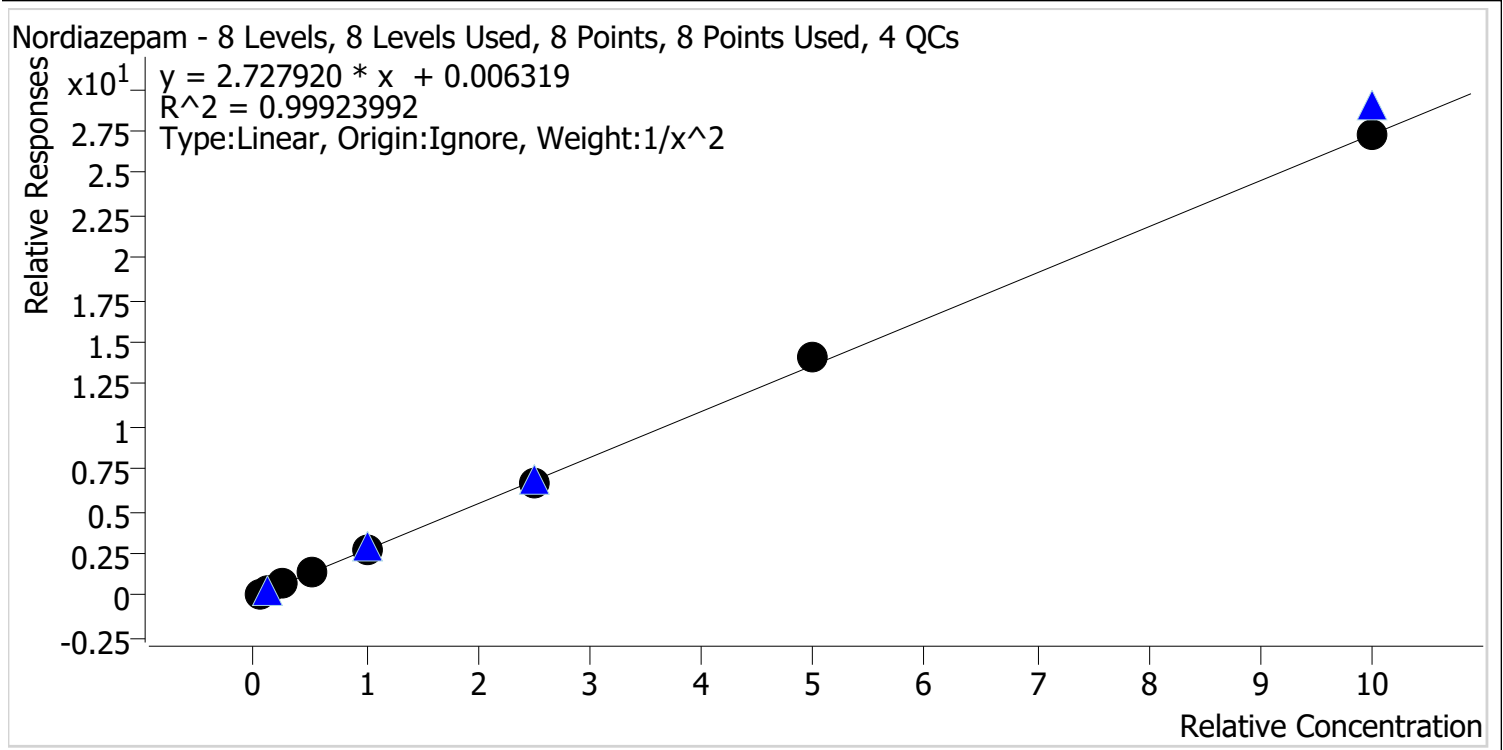
**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	259.8	103.9
cal 7 mdq	7	✓	500.0	499.8	100.0
cal 8 mdq	8	✓	1000.0	964.3	96.4

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Nordiazepam **Internal Standard** Nordiazepam-D5

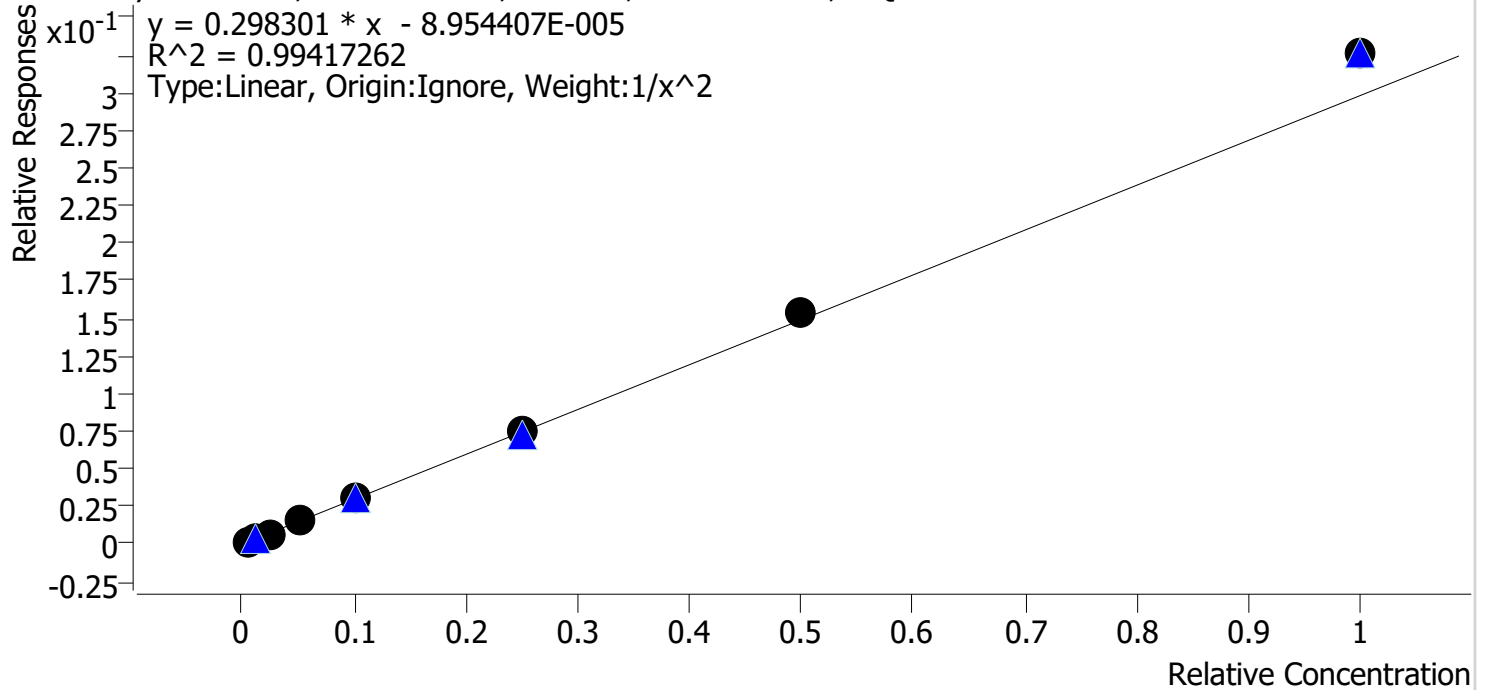


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.5
cal 2 mdq	2	✓	10.0	9.6	95.5
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	514.4	102.9
cal 8 mdq	8	✓	1000.0	1001.6	100.2

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Norfentanyl **Internal Standard** Norfentanyl-D5

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

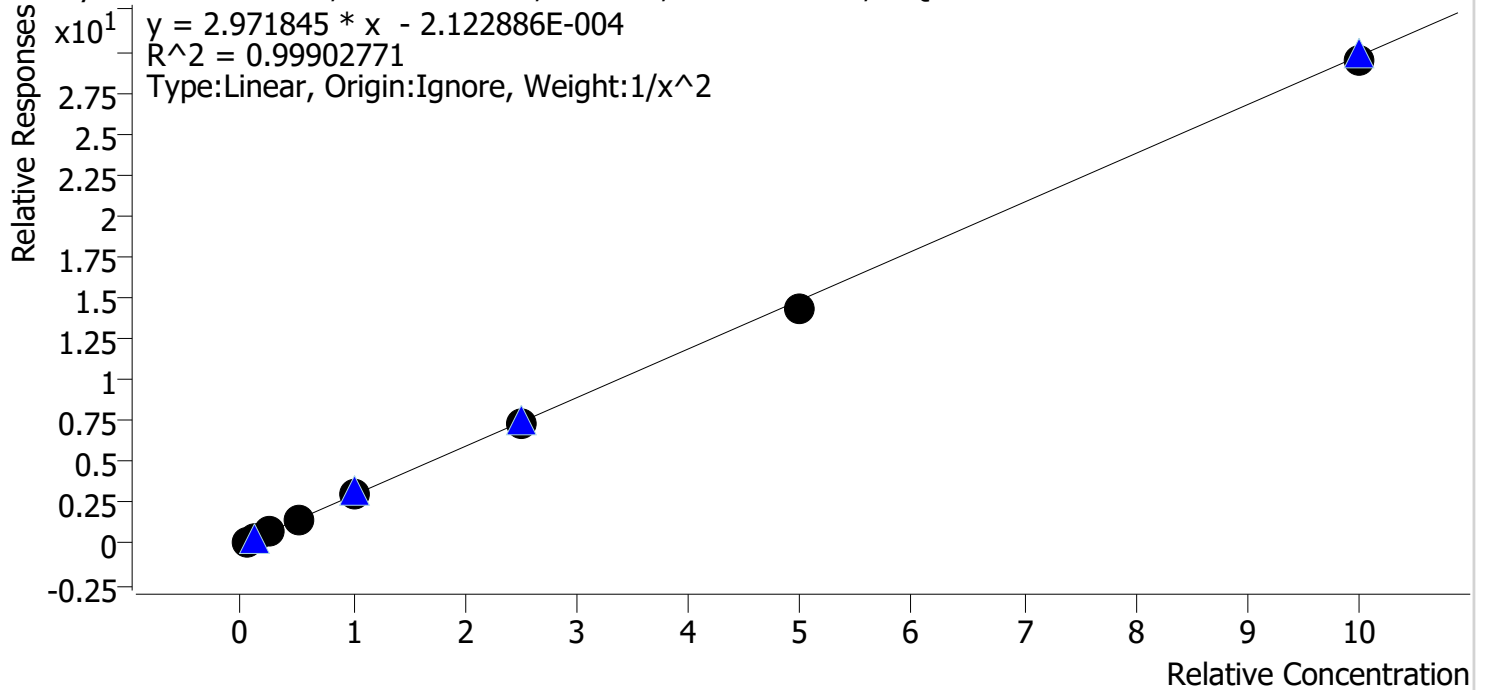


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	104.7
cal 2 mdq	2	✓	1.0	1.0	95.8
cal 3 mdq	3	✓	2.5	2.2	86.8
cal 4 mdq	4	✓	5.0	4.9	98.7
cal 5 mdq	5	✓	10.0	10.1	101.1
cal 6 mdq	6	✓	25.0	25.3	101.2
cal 7 mdq	7	✓	50.0	51.3	102.6
cal 8 mdq	8	✓	100.0	109.2	109.2

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3

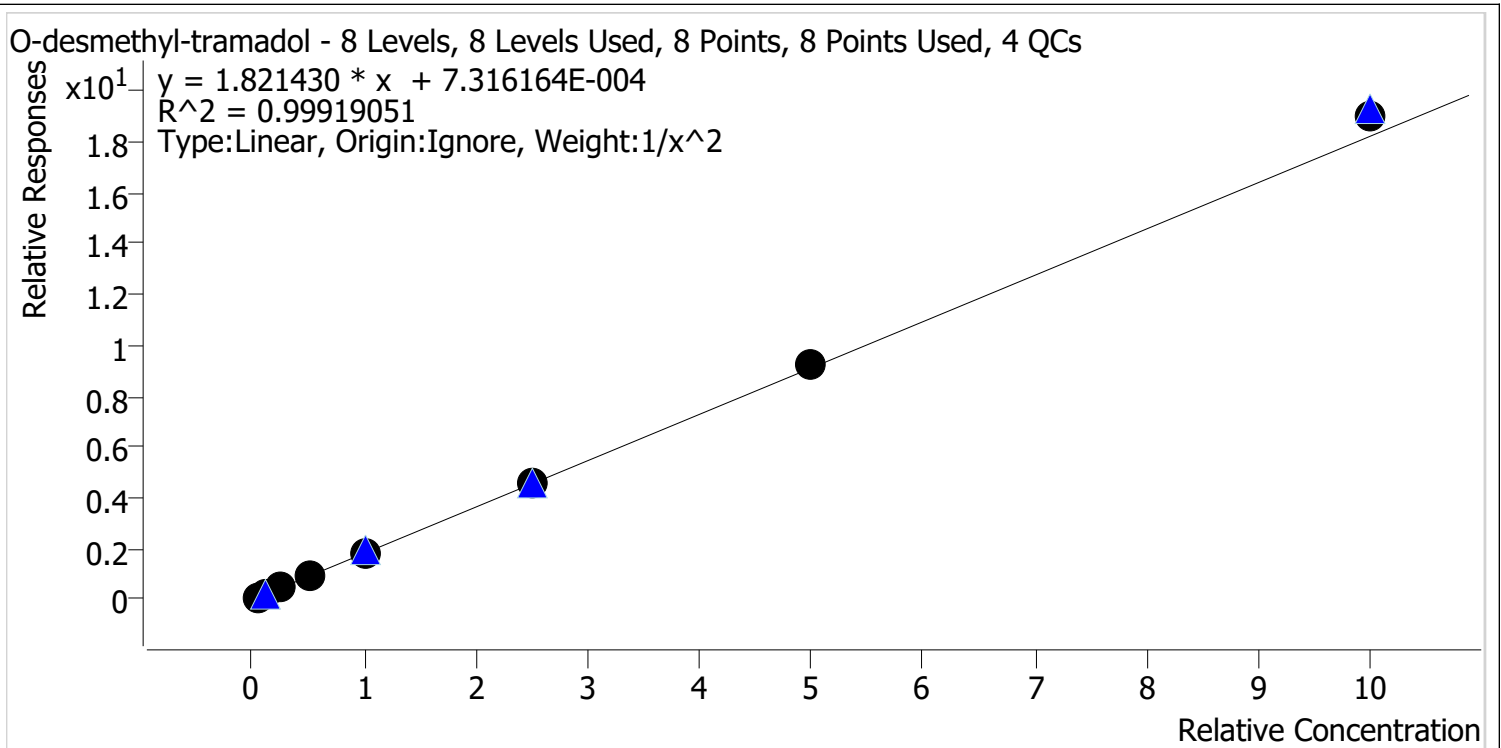
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	52.8	105.7
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	247.5	99.0
cal 7 mdq	7	✓	500.0	481.6	96.3
cal 8 mdq	8	✓	1000.0	991.8	99.2

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

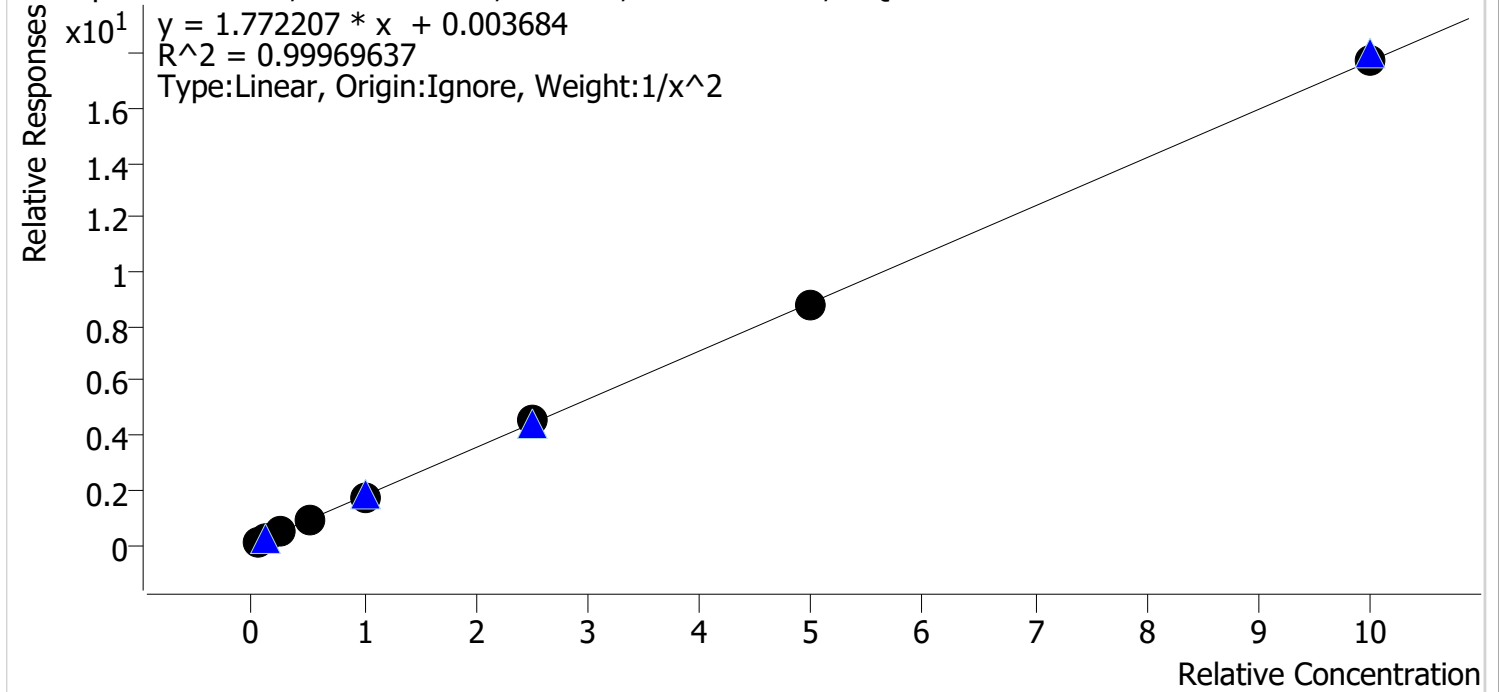


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.0	96.2
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	505.6	101.1
cal 8 mdq	8	✓	1000.0	1044.6	104.5

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5

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



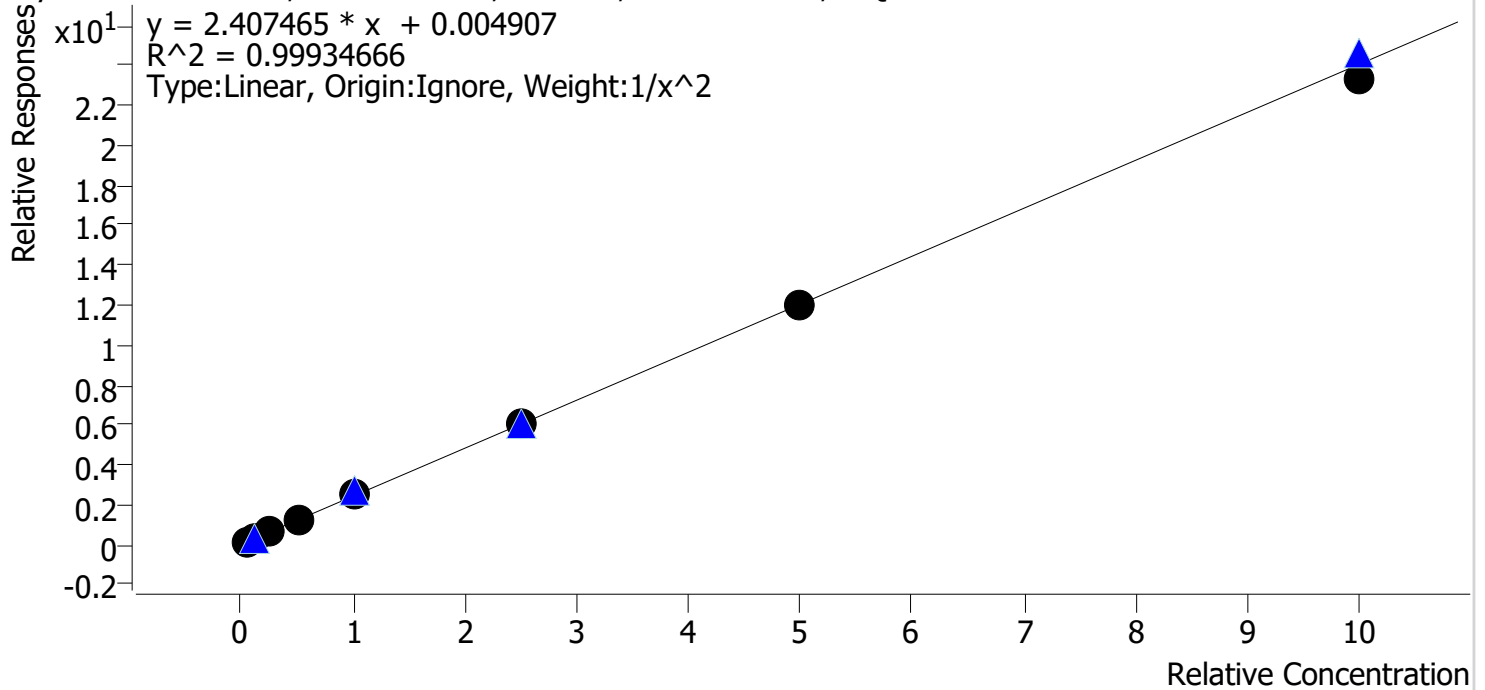
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	253.9	101.6
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	1003.8	100.4



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6

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

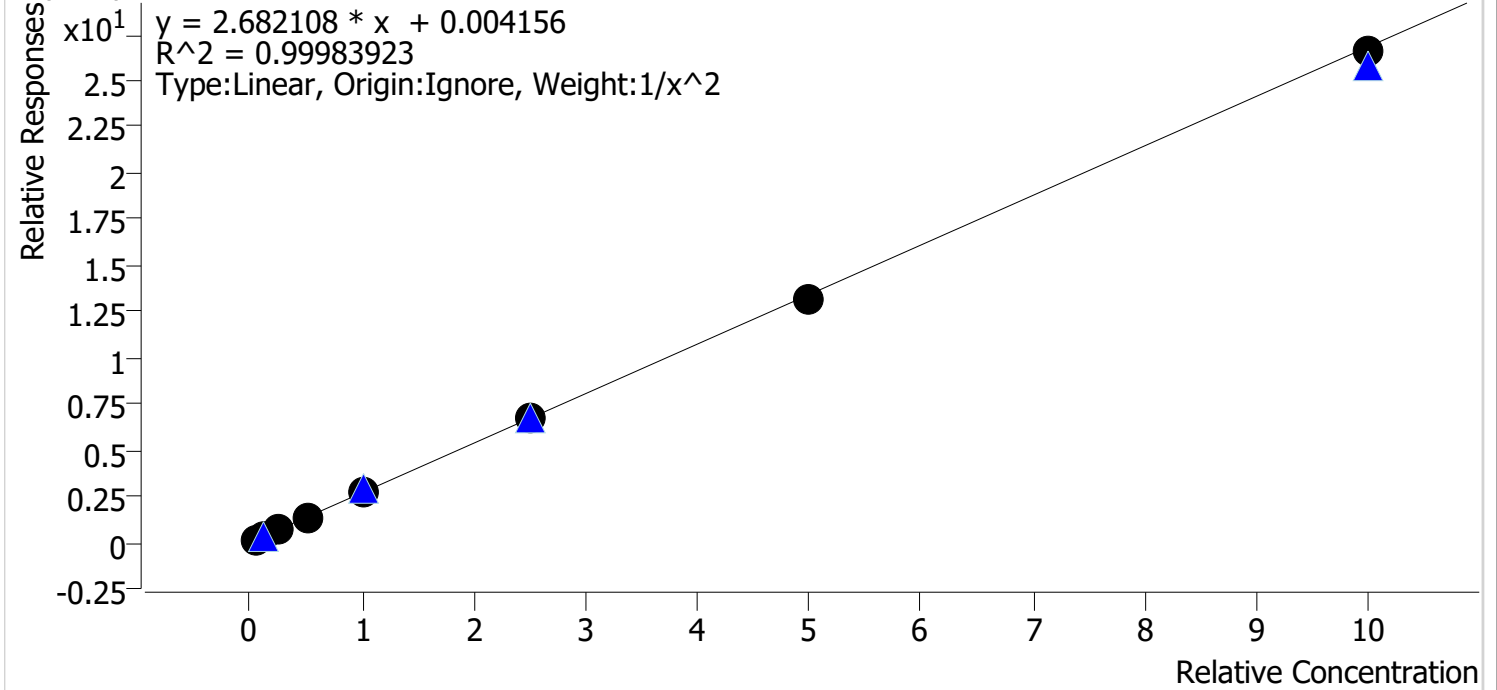


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	51.8	103.7
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	501.9	100.4
cal 8 mdq	8	✓	1000.0	967.1	96.7

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3

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

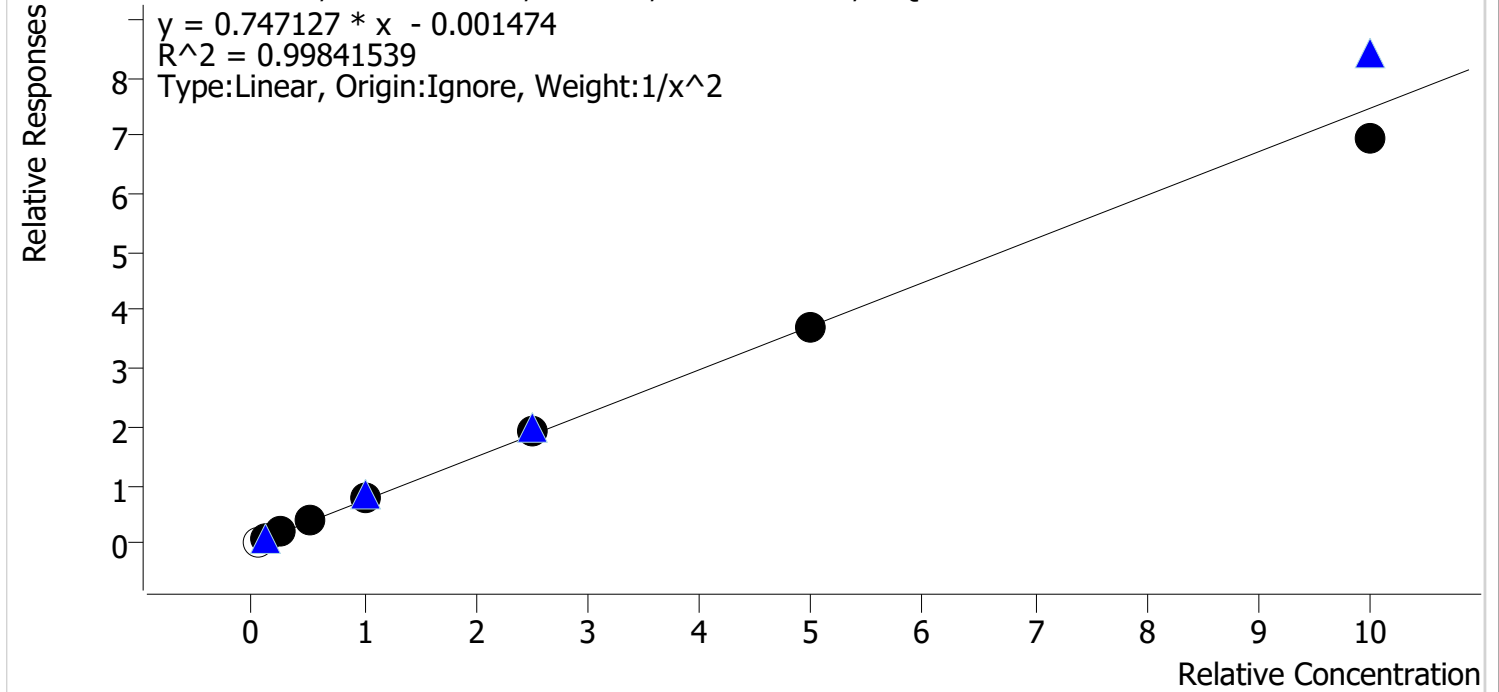


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	51.1	102.3
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	493.8	98.8
cal 8 mdq	8	✓	1000.0	990.3	99.0

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Phentermine **Internal Standard** Phentermine-D5

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

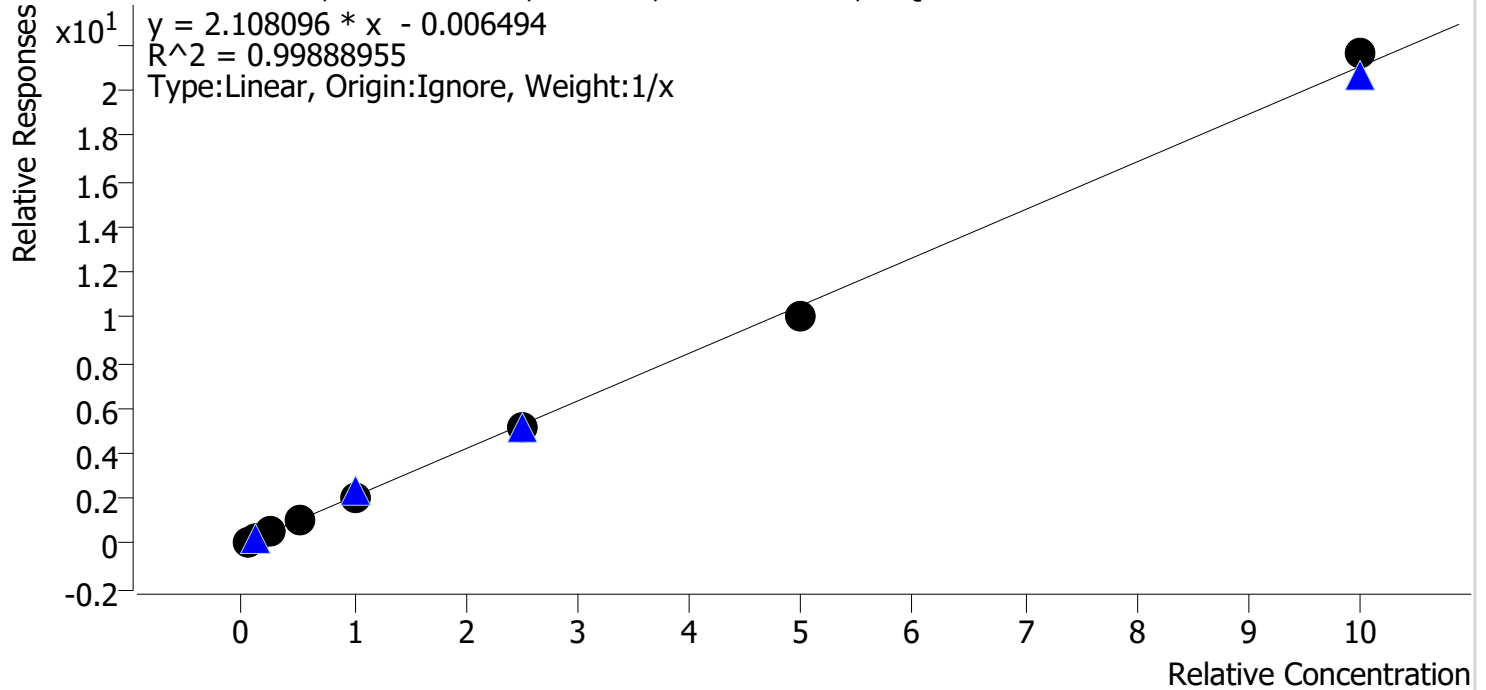


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	102.3	102.3
cal 6 mdq	6	✓	250.0	255.3	102.1
cal 7 mdq	7	✓	500.0	499.6	99.9
cal 8 mdq	8	✓	1000.0	929.6	93.0

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3

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

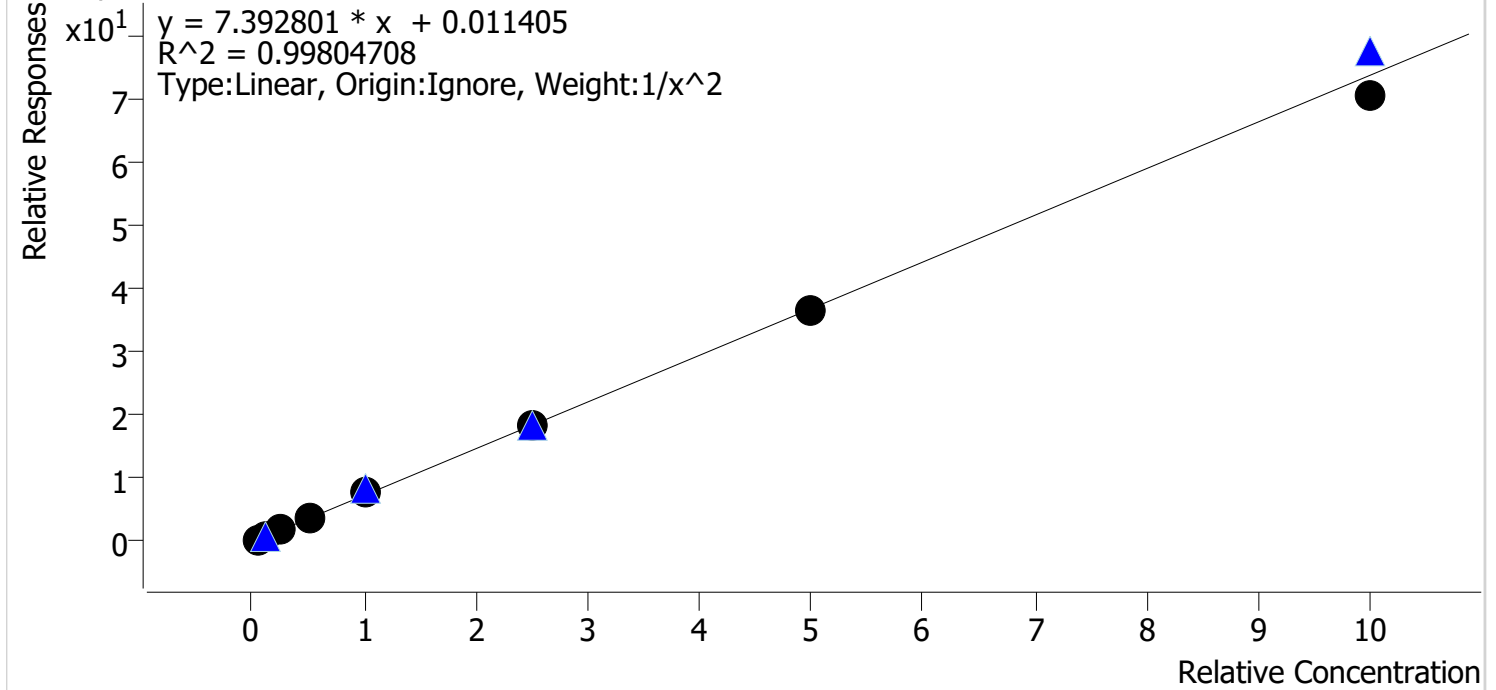


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.5
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	247.4	98.9
cal 7 mdq	7	✓	500.0	475.8	95.2
cal 8 mdq	8	✓	1000.0	1027.0	102.7

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8

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

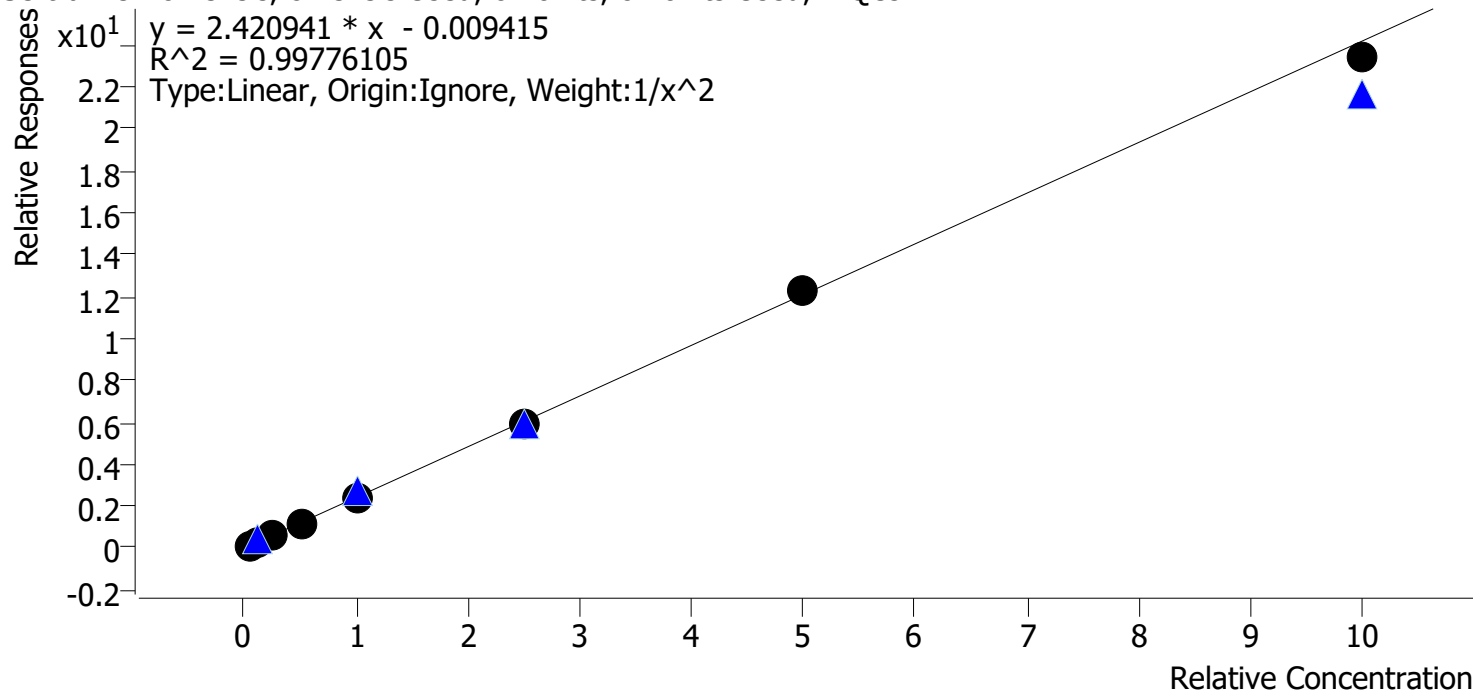


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	23.7	94.6
cal 4 mdq	4	✓	50.0	52.6	105.3
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	248.6	99.5
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	954.0	95.4

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3

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

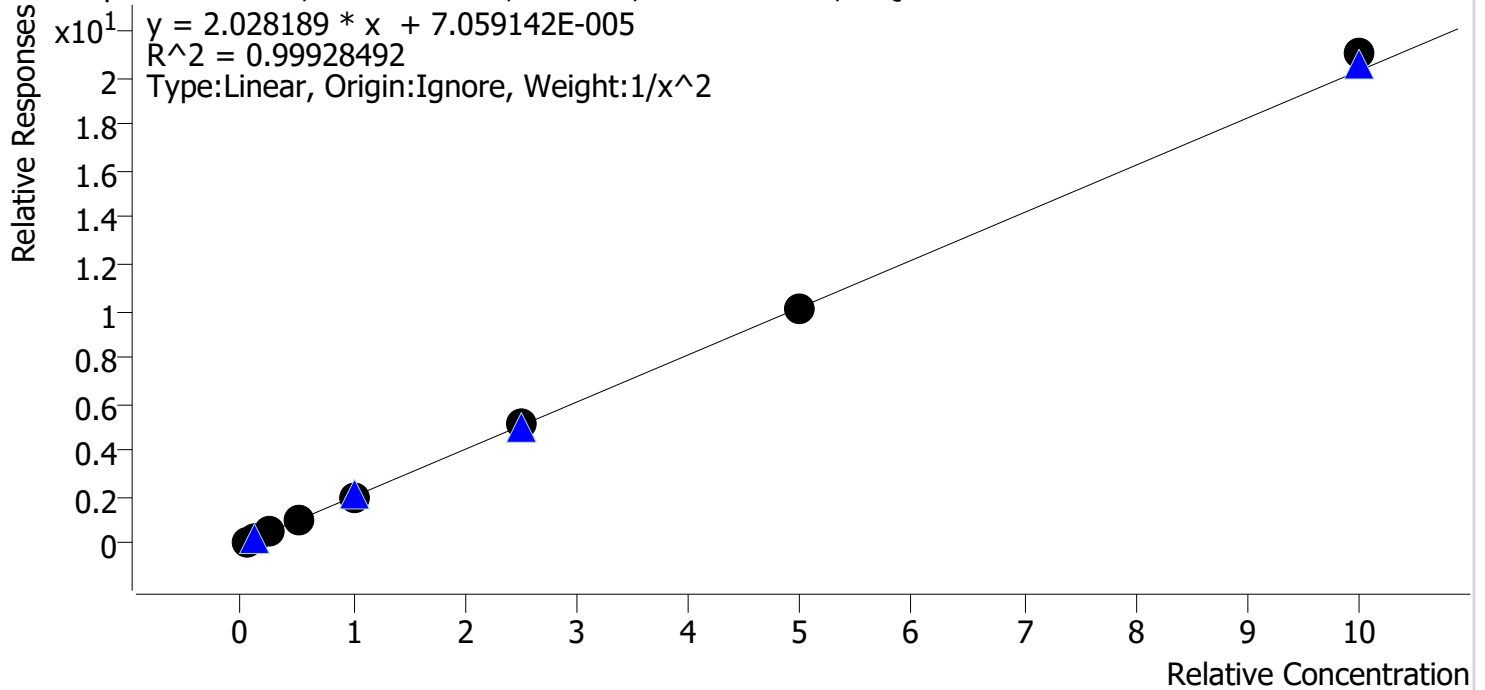


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdq	2	✓	10.0	10.9	109.0
cal 3 mdq	3	✓	25.0	24.5	97.8
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	247.4	98.9
cal 7 mdq	7	✓	500.0	506.8	101.4
cal 8 mdq	8	✓	1000.0	967.4	96.7

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5

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

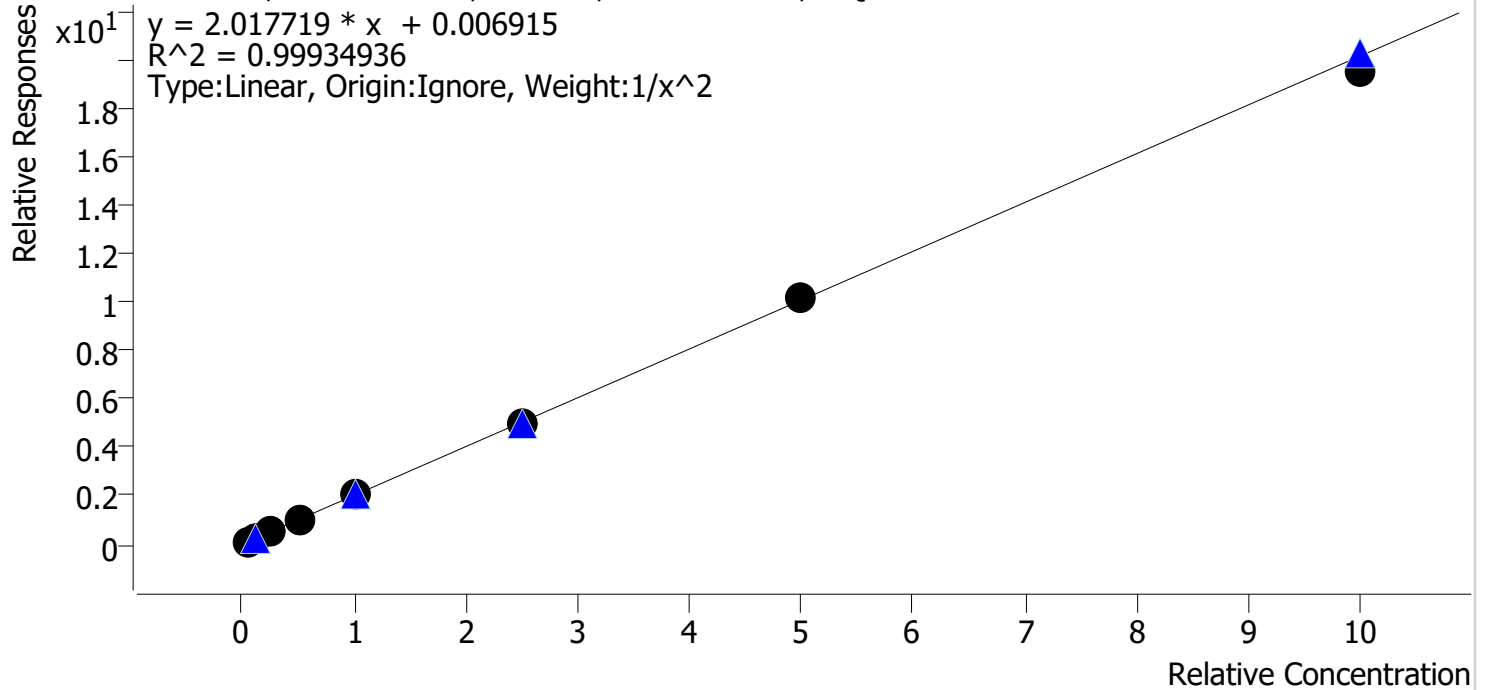


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	496.3	99.3
cal 8 mdq	8	✓	1000.0	1036.1	103.6

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3

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



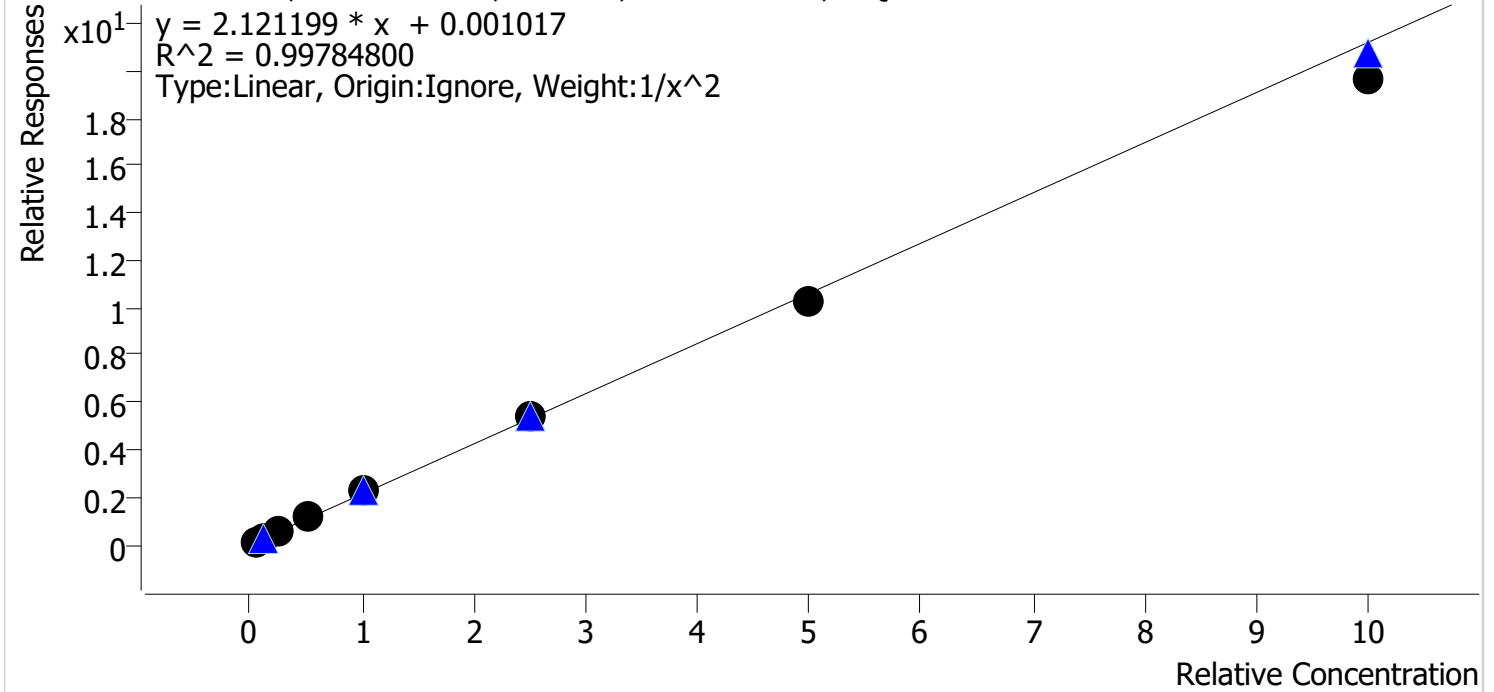
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	52.1	104.1
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✓	1000.0	968.1	96.8



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6

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

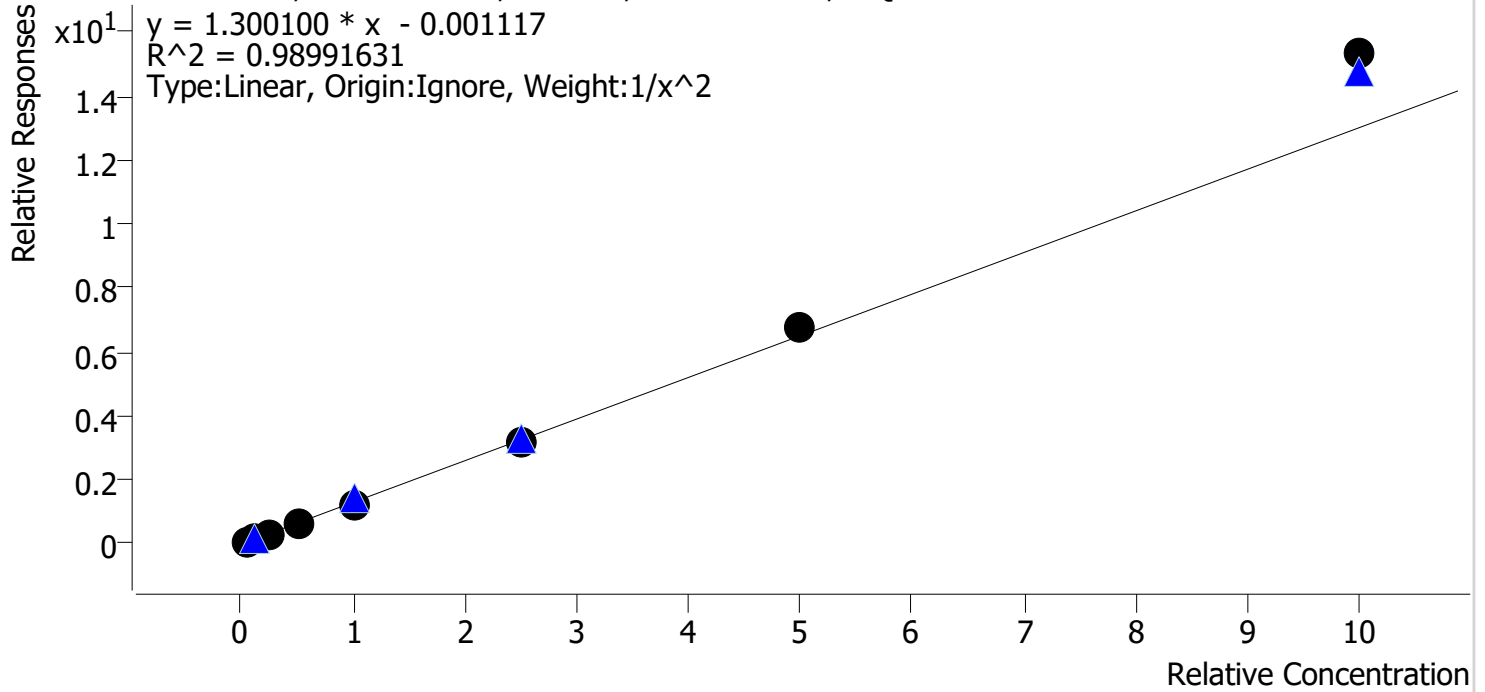


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	105.7	105.7
cal 6 mdq	6	✓	250.0	253.3	101.3
cal 7 mdq	7	✓	500.0	487.4	97.5
cal 8 mdq	8	✓	1000.0	928.4	92.8

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6

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

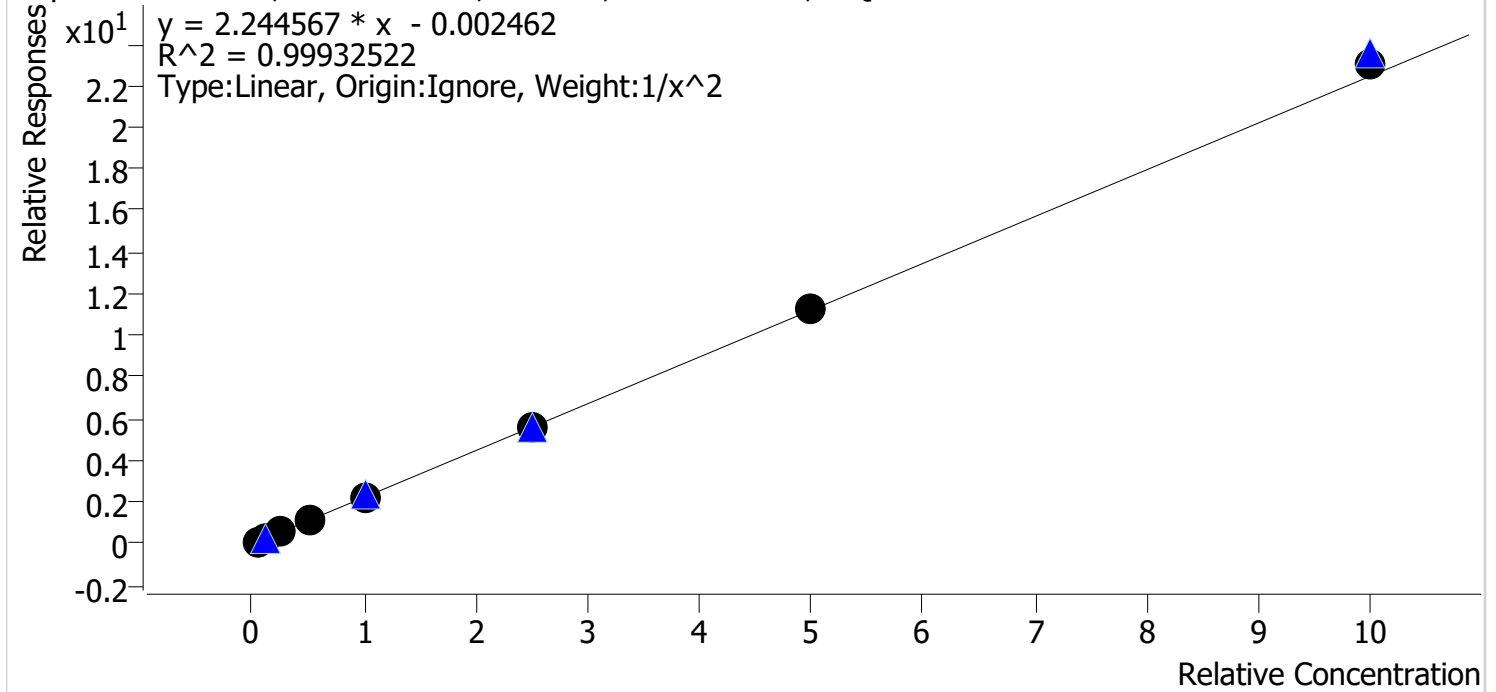


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.2
cal 2 mdq	2	✓	10.0	9.5	94.8
cal 3 mdq	3	✓	25.0	22.9	91.4
cal 4 mdq	4	✓	50.0	46.7	93.4
cal 5 mdq	5	✓	100.0	94.4	94.4
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	520.5	104.1
cal 8 mdq	8	✓	1000.0	1178.0	117.8

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6

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

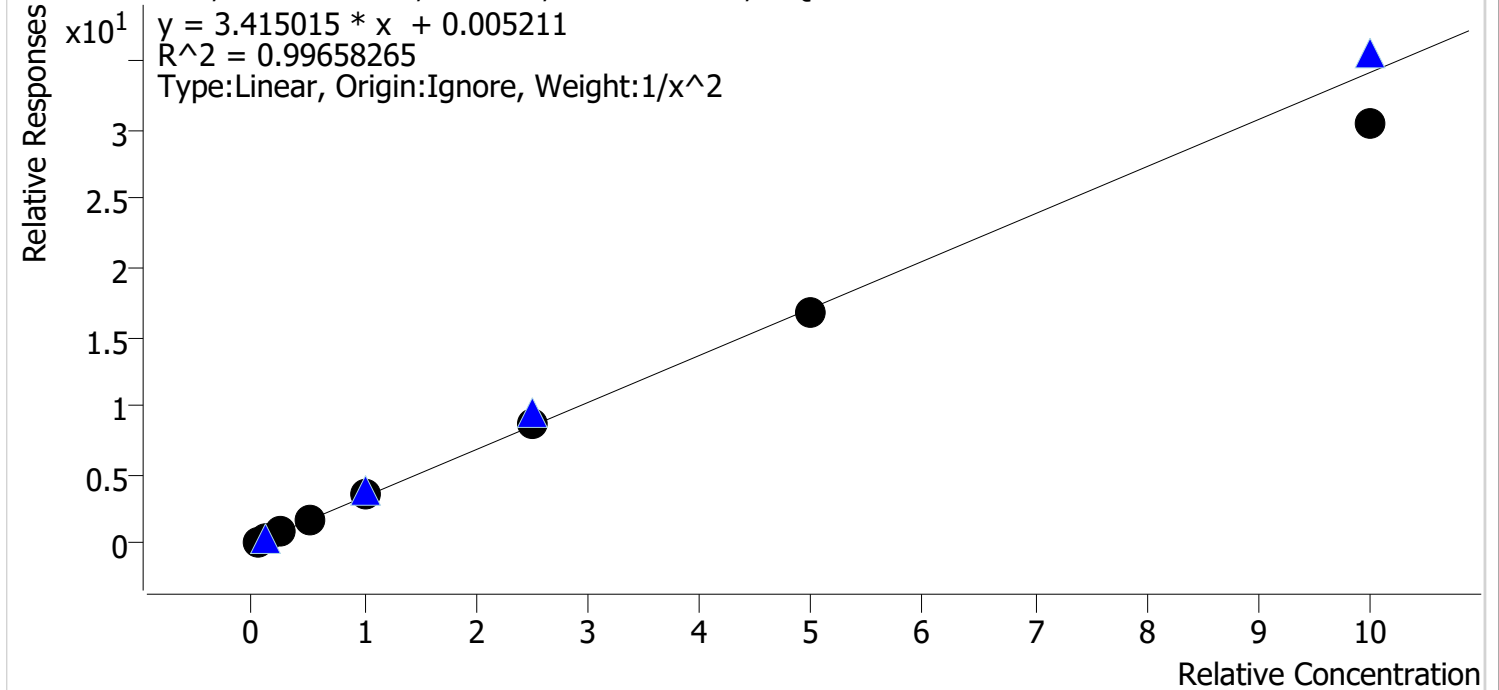


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	500.2	100.0
cal 8 mdq	8	✓	1000.0	1026.3	102.6

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** MDA **Internal Standard** MDA-D5

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

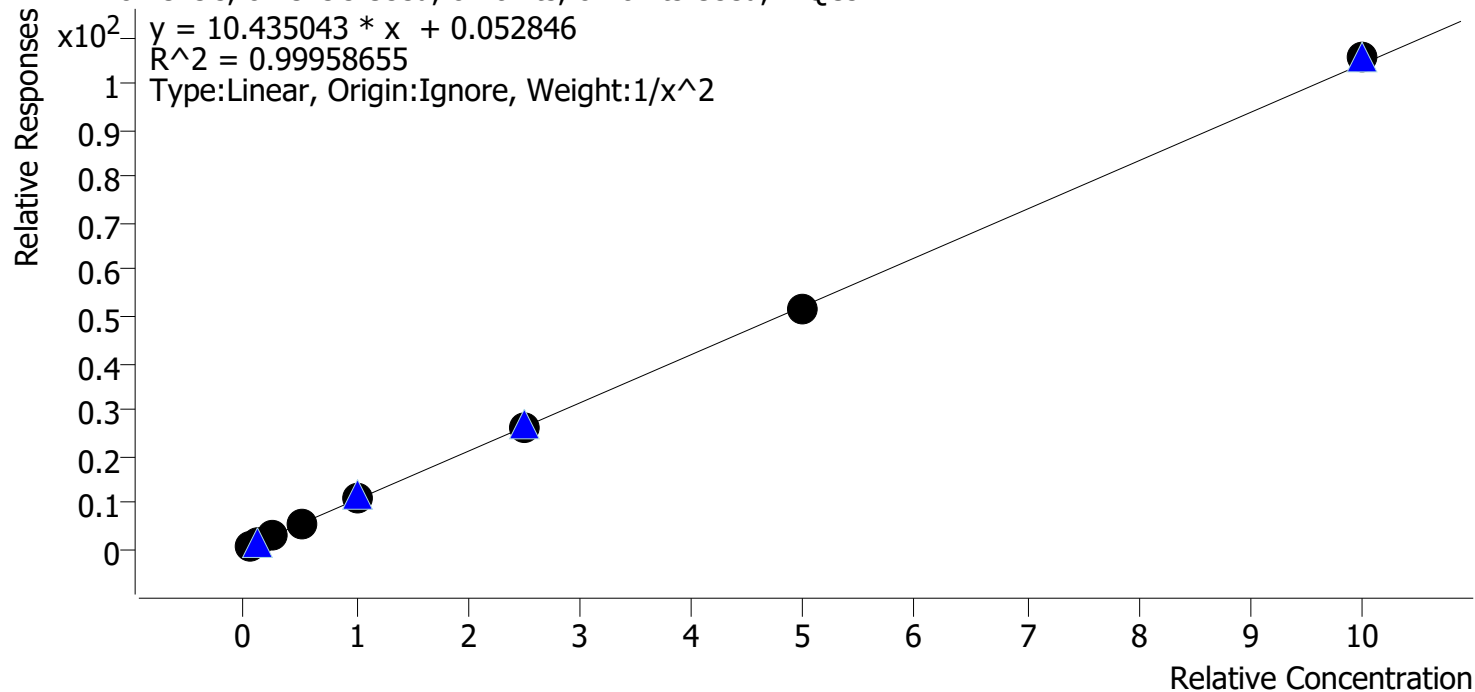


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	51.3	102.5
cal 5 mdq	5	✓	100.0	105.4	105.4
cal 6 mdq	6	✓	250.0	256.1	102.4
cal 7 mdq	7	✓	500.0	494.1	98.8
cal 8 mdq	8	✓	1000.0	891.1	89.1

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6

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

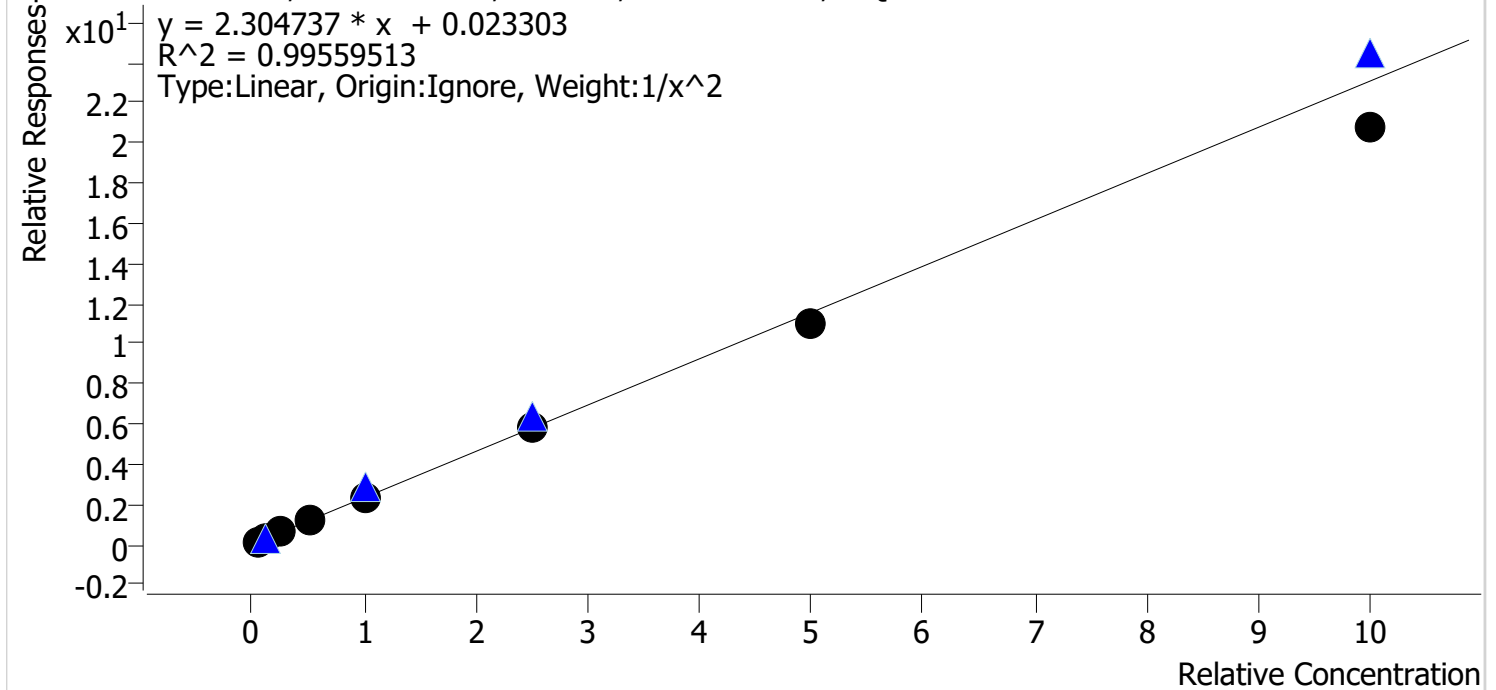


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	24.8	99.0
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	492.3	98.5
cal 8 mdq	8	✓	1000.0	1013.3	101.3

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Last Cal. Update** 11/9/2020 6:14 PM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PHP **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	54.2	108.5
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	253.9	101.6
cal 7 mdq	7	✓	500.0	479.4	95.9
cal 8 mdq	8	✓	1000.0	901.9	90.2

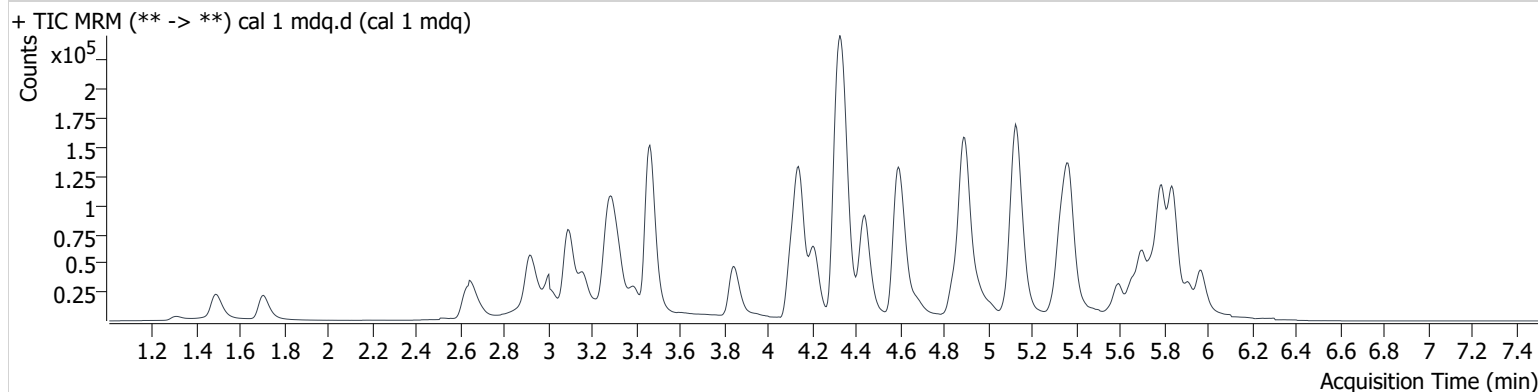
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 1 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 1 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-A1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 10:20:30 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.233	483	1860.3	89.2	730.1	20798	0.464 ng/ml
7-aminoclonazepam	4.328	10785	2756.7	96.4	35095.0	81543	4.890 ng/ml
a-hydroxyalprazolam	5.728	2079	325.8	61.9	7826.5	21401	5.058 ng/ml
alpha-PHP	5.011	15879	7267.2	37.3	3588.0	117930	4.831 ng/ml
alpha-PVP	4.443	29487	2326.0	50.4	2550.2	239607	5.052 ng/ml
Alprazolam	5.802	12837	34390.7	112.6	2179.7	91804	5.136 ng/ml
Amphetamine	3.166	45638	6317.5	46.6	1441.9	131120	3.931 ng/ml
Benzoylcegonine	3.951	573	10.2	6.9	3.4 <b>Low</b>	4867	4.854 ng/ml
Bupropion	4.868	18393	3169.6	68.9	3704.0	117930	4.906 ng/ml
Carisoprodol	5.752	7092	420.9	81.2	967.2	72088	5.058 ng/ml
Citalopram	5.308	7294	636.7	37.6	12.4	64127	5.036 ng/ml
Clonazepam	5.651	12745	2204.1	32.7	14299.7	40357	4.982 ng/ml
Cocaine	4.342	24534	1805.4	46.6	100926.7	342557	5.049 ng/ml
Codeine	2.690	2986	20134.9	118.1	7014.2	29517	6.492 ng/ml
Cyclobenzaprine	5.669	3861	68.0	8.6	8.4 <b>Low</b>	25875	5.163 ng/ml
Dextromethorphan	5.347	4972	101.0	80.2	20.0	50650	5.115 ng/ml
Dextrorphan	4.207	6170	52370.3	210.0	6078.4	153493	5.066 ng/ml
Diazepam	5.973	9393	1197.2	86.1	4994.7	91228	4.941 ng/ml
Dihydrocodeine	2.658	8202	35375.0	55.2	6767.2	82937	4.999 ng/ml
Diphenhydramine	5.373	26663	7696.7	27.1	77.7	269176	5.051 ng/ml
Doxylamine	4.610	52923	13233.3	94.9	4512.8	408418	5.050 ng/ml
EDDP	5.336	8870	94693.5	212.0	16622.3	180418	5.167 ng/ml
Fentanyl	5.162	568	8.3 <b>Low</b>	46.0 <b>Low</b>	8.2 <b>Low</b>	48183	0.609 ng/ml
Fluoxetine	5.755	3412	30.0	7.8	568.4	23219	4.552 ng/ml
Hydrocodone	3.117	12049	463.7	33.7	5682.6	131304	4.791 ng/ml
Hydromorphone	1.707	9869	6367.7	69.4	707.1	60218	5.115 ng/ml
Ketamine	4.122	22532	5517.7	38.5	143.2	183380	4.980 ng/ml
Lamotrigine	4.380	1820	624.1	88.6	4422.5	472155	4.884 ng/ml
Lorazepam	5.775	12195	1684.3	52.3	331.5	178500	4.972 ng/ml
MDA	3.308	27149	3349.4	25.1	1365.6	157994	4.879 ng/ml
MDMA	3.394	18574	325244.5	86.2	3038.2	31918	5.070 ng/ml
Meprobamate	4.981	6526	14339.5	29.3	135.4	44504	4.901 ng/ml
Methadone	5.703	12776	4957.6	50.7	39.1	118408	5.080 ng/ml

# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.329	13819	58.0	201.3	∞	227792	3.622 ng/ml
Metoprolol	4.400	3856	51012.0	97.3	1098.4	144560	4.698 ng/ml
Mirtazapine	4.682	17562	∞	48.1	54.9	118408	5.256 ng/ml
Mitragynine	5.286	1743	24.1	32.6	1872.2	8638	4.922 ng/ml
Morphine	1.316	1457	2303.3	18.3	2095.6	3752	5.022 ng/ml
Nordiazepam	5.917	7964	72092.7	55.9	1955.7	54524	5.123 ng/ml
Norfentanyl	4.158	500	351.4	254.4	138.6	339359	0.524 ng/ml
Noroxycodone	3.025	10021	426.3	47.5	9497.8	68219	4.950 ng/ml
O-desmethyl-tramadol	3.466	41076	10237.1	6.6	1591.2	444180	5.037 ng/ml
Oxazepam	5.787	16626	1722.7	72.2	704.3	178500	5.048 ng/ml
Oxycodone	2.942	25013	2227.1	29.9	51417.2	198315	5.035 ng/ml
Oxymorphone	1.489	11486	4139.4	45.3	6426.6	83157	4.995 ng/ml
Phentermine	3.877	5367	238.3	9.1 <b>High</b>	135.5	144560	5.167 ng/ml
Promethazine	5.596	6111	20.2	42.3	12.9	58984	5.223 ng/ml
Quetiapine	5.572	6926	8674.9	56.0	21.8	18363	4.948 ng/ml
Sertraline	5.818	1229	19.5	103.1	13.3	11523	4.795 ng/ml
Temazepam	5.844	26196	1720.0	34.1	224.7	258389	4.995 ng/ml
Tramadol	4.329	52109	10093.2	3.2	275.2	484550	4.987 ng/ml
Trazodone	5.136	11897	13027.2	78.7	72.4	111336	4.989 ng/ml
Venlafaxine	5.123	29074	829.0	42.2	1363.8	432381	5.258 ng/ml
Zolpidem	4.906	52989	2474.1	31.4	2965.1	472155	5.110 ng/ml

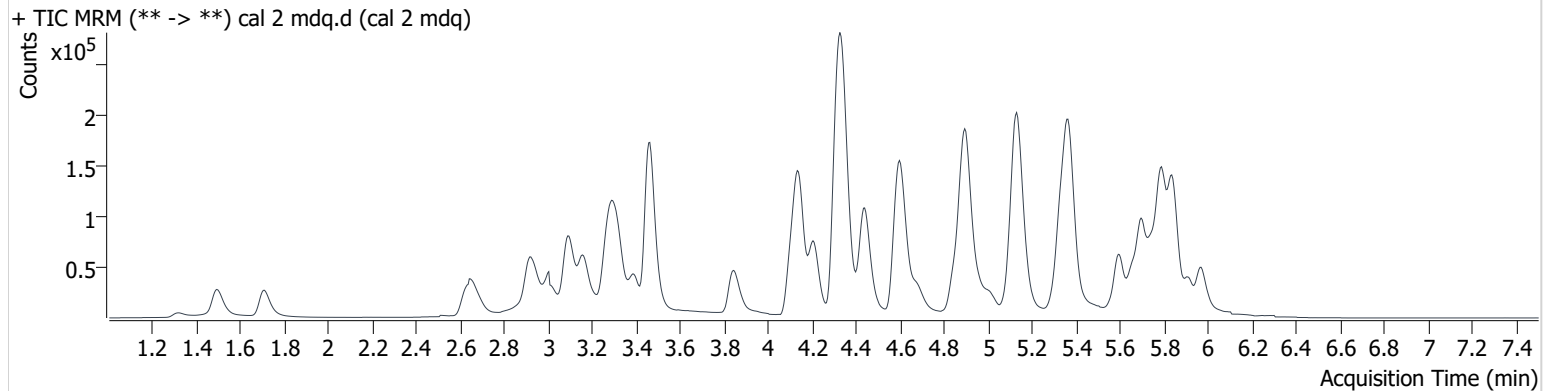


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 2 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 2 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-B1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 10:31:21 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.228	1142	4074.9	65.2	879.6	21915	1.112 ng/ml
7-aminoclonazepam	4.323	21937	5459.8	96.5	71770.2	86918	10.035 ng/ml
a-hydroxyalprazolam	5.728	4098	719.8	59.0	10253.0	21774	9.926 ng/ml
alpha-PHP	5.011	35085	124411.1	38.4	11980.5	134148	10.337 ng/ml
alpha-PVP	4.443	60435	4969.3	51.3	5532.1	250847	9.827 ng/ml
Alprazolam	5.802	25043	732.0	119.2	9622.8	92915	9.686 ng/ml
Amphetamine	3.161	92844	7581.7	47.4	4973.9	129972	9.379 ng/ml
Benzoylcegonine	3.951	1305	25.1	9.0	8.4 <b>Low</b>	4815	10.098 ng/ml
Bupropion	4.863	43030	10911.6	65.1	1962.9	134148	10.381 ng/ml
Carisoprodol	5.752	14625	3684.6	73.9	1168.6	75442	9.853 ng/ml
Citalopram	5.308	18725	2130.5	41.6	77413.4	83277	9.818 ng/ml
Clonazepam	5.651	25733	9306.3	28.7	5128.3	42632	9.800 ng/ml
Cocaine	4.337	48649	49708.5	49.2	1152.5	349815	9.904 ng/ml
Codeine	2.690	5524	3152.4	118.5	21676.0	31089	10.443 ng/ml
Cyclobenzaprine	5.674	16407	107973.3	8.6	3676.1	51442	10.355 ng/ml
Dextromethorphan	5.352	13657	38882.7	75.6	45274.9	72447	9.685 ng/ml
Dextrorphan	4.207	12947	175853.9	223.4	2513.8	169365	9.781 ng/ml
Diazepam	5.968	19148	3317.0	85.2	5598.3	90348	10.292 ng/ml
Dihydrocodeine	2.658	16335	13211.8	58.2	1811.4	86239	9.884 ng/ml
Diphenhydramine	5.373	64689	12729.6	28.5	2259.3	347996	9.874 ng/ml
Doxylamine	4.604	105979	22827.3	96.8	3685.7	413216	9.896 ng/ml
EDDP	5.341	18877	2990.1	197.2	3042.6	223596	9.185 ng/ml
Fentanyl	5.167	1658	496.6	68.9	10050.7	83122	1.009 ng/ml
Fluoxetine	5.750	14761	5482.7	7.3	8667.1	52608	9.582 ng/ml
Hydrocodone	3.117	24069	3579.3	35.1	208.5	135402	10.292 ng/ml
Hydromorphone	1.712	19183	5513.6	78.1	13875.1	62814	9.394 ng/ml
Ketamine	4.117	44432	14289.9	38.3	418.1	188107	10.048 ng/ml
Lamotrigine	4.375	3779	560.3	84.4	3463.7	495581	10.379 ng/ml
Lorazepam	5.780	23304	5807.1	46.3	618.1	186411	9.734 ng/ml
MDA	3.308	57335	5325.5	23.8	1056.8	159664	10.363 ng/ml
MDMA	3.394	37996	850.4	91.0	1147.3	35645	9.709 ng/ml
Meprobamate	4.981	12984	174440.6	29.3	997.7	46065	10.193 ng/ml
Methadone	5.698	35451	5308.3	53.0	3070.6	172337	9.760 ng/ml

# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.324	21151	500.2	234.9	657.1	201826	10.012 ng/ml
Metoprolol	4.400	7289	3787.1	91.5	5867.7	143191	10.619 ng/ml
Mirtazapine	4.677	44476	11213.0	46.9	31294.2	172337	9.195 ng/ml
Mitragynine	5.291	5837	59336.5	32.0	4497.6	12432	10.543 ng/ml
Morphine	1.321	2890	4292.8	20.1	581.9	3878	9.944 ng/ml
Nordiazepam	5.917	15486	87008.4	58.7	10742.5	58017	9.553 ng/ml
Norfentanyl	4.163	980	358.4	276.9	312.5	353767	0.958 ng/ml
Noroxycodone	3.025	20736	2256.1	46.1	1370.4	68922	10.131 ng/ml
O-desmethyl-tramadol	3.461	84391	4512.8	6.8	2427.3	459886	10.035 ng/ml
Oxazepam	5.787	32951	3135.3	77.9	559.8	186411	9.766 ng/ml
Oxycodone	2.942	48600	156.8	28.6	2631.8	201147	9.832 ng/ml
Oxymorphone	1.494	23570	4348.9	43.9	4862.4	86551	9.998 ng/ml
Phentermine	3.872	10356	519.4	7.8	201.3	143191	9.877 ng/ml
Promethazine	5.596	24944	108511.7	35.9	1259.5	120441	10.132 ng/ml
Quetiapine	5.577	18318	62200.2	56.1	72627.1	23727	10.289 ng/ml
Sertraline	5.818	6932	28512.5	100.0	1784.8	27255	10.895 ng/ml
Temazepam	5.844	54834	7457.9	30.8	1699.4	264803	10.206 ng/ml
Tramadol	4.324	104814	14104.2	3.7	392.9	500225	10.042 ng/ml
Trazodone	5.141	31942	15070.4	74.2	2565.9	150675	9.946 ng/ml
Venlafaxine	5.128	55673	597679.5	43.2	559.5	455981	9.477 ng/ml
Zolpidem	4.911	105868	4588.0	31.9	2148.0	495581	9.627 ng/ml

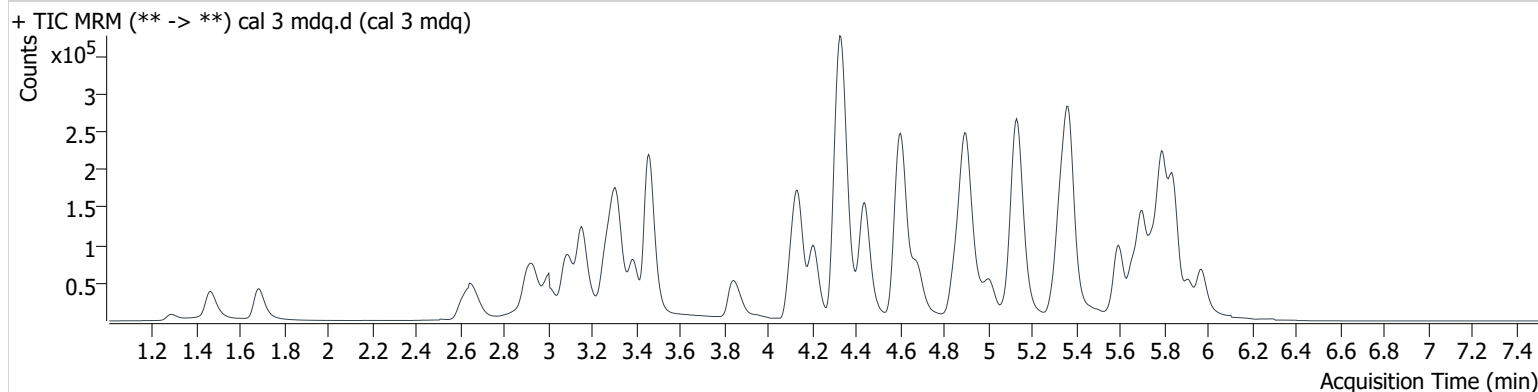
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 3 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 3 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-C1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 10:40:21 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.228	2401	20324.6	78.9	3860.9	21893	2.403 ng/ml
7-aminoclonazepam	4.323	56127	563242.8	94.6	10081.0	88482	26.397 ng/ml
a-hydroxyalprazolam	5.733	9718	465.2	63.3	81868.1	21559	23.958 ng/ml
alpha-PHP	5.006	91255	91186.9	39.8	20157.5	145583	26.186 ng/ml
alpha-PVP	4.443	156811	39338.7	50.3	15358.1	257365	24.751 ng/ml
Alprazolam	5.802	64445	14438.8	114.5	2700.3	94400	24.181 ng/ml
Amphetamine	3.156	235482	16294.7	47.1	14017.4	134055	24.880 ng/ml
Benzoylcegonine	3.955	3717	317.5	8.2	681.8	5487	23.999 ng/ml
Buprenorphine	5.717	932	258.1	14.0	223.1	14113	2.429 ng/ml
Bupropion	4.863	108517	14199.2	68.9	4062.5	145583	24.490 ng/ml
Carisoprodol	5.757	36716	11454.8	73.2	4002.9	76206	24.313 ng/ml
Citalopram	5.308	57391	3773.0	39.4	1517.3	98386	25.243 ng/ml
Clonazepam	5.656	67764	10774.5	29.1	222730.3	42998	26.076 ng/ml
Cocaine	4.337	121698	44605.4	47.8	2940.4	359799	24.239 ng/ml
Codeine	2.675	14324	1323.2	113.4	76341.1	31130	25.023 ng/ml
Cyclobenzaprine	5.674	45477	399193.4	7.4	1144.2	58163	24.517 ng/ml
Dextromethorphan	5.347	38197	337.9	76.9	162983.3	80744	24.080 ng/ml
Dextrorphan	4.207	34029	3019.8	217.5	27474.3	179576	24.490 ng/ml
Diazepam	5.973	46382	70472.3	84.1	18012.2	91778	24.700 ng/ml
Dihydrocodeine	2.643	41702	29444.0	57.3	14231.4	87628	25.344 ng/ml
Diphenhydramine	5.373	176740	7994.8	30.0	73070.9	397114	24.268 ng/ml
Doxylamine	4.604	287896	102791.2	95.5	400789.3	455905	24.215 ng/ml
EDDP	5.341	53907	143957.2	224.1	155631.0	234845	25.723 ng/ml
Fentanyl	5.162	4640	1389.3	69.4	4737.9	91968	2.503 ng/ml
Fluoxetine	5.750	41550	14553.1	6.9	3173.3	58014	25.977 ng/ml
Hydrocodone	3.112	60979	7018.6	34.7	227.3	139315	26.919 ng/ml
Hydromorphone	1.687	53159	16069.5	66.1	10621.1	62528	25.867 ng/ml
Ketamine	4.117	107638	4038.9	39.1	5135.3	190243	24.788 ng/ml
Lamotrigine	4.380	8536	1171.2	96.8	48954.0	494597	24.416 ng/ml
Lorazepam	5.780	59427	5047.7	44.8	2488.6	185808	26.095 ng/ml
MDA	3.303	149622	15836.6	23.9	11618.2	173341	25.123 ng/ml
MDMA	3.389	98714	1032354.6	89.0	16880.9	37455	24.750 ng/ml
Meprobamate	4.981	31422	52867.5	28.8	932.3	46955	25.349 ng/ml

# AM #28 Multi-Drug Quant. Results

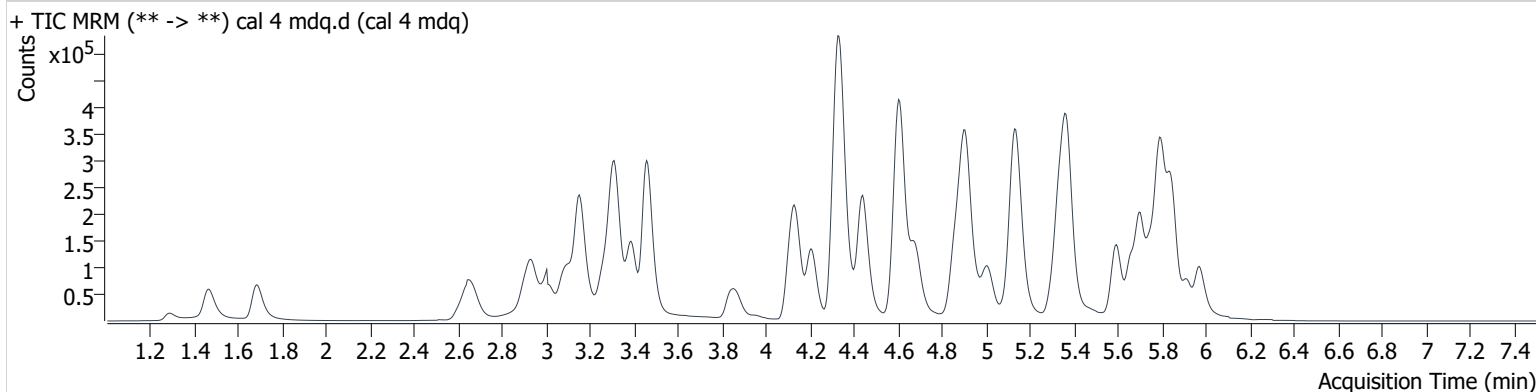
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	98083	135532.4	56.3	8761.9	192184	24.336 ng/ml
Methamphetamine	3.319	51985	∞	208.9	∞	235890	26.747 ng/ml
Metoprolol	4.400	18519	2749.0	97.6	4830.9	154972	27.384 ng/ml
Mirtazapine	4.677	125610	8395.1	46.3	6275.2	192184	23.390 ng/ml
Mitragynine	5.286	15914	6781.5	33.0	21990.1	14113	24.364 ng/ml
Morphine	1.286	7230	7856.1	18.8	677.3	4004	24.565 ng/ml
Nordiazepam	5.917	37822	24988.7	60.7	154542.8	56000	24.527 ng/ml
Norfentanyl	4.163	2358	863.2	304.9	792.5	369409	2.169 ng/ml
Noroxycodone	3.015	53629	3481.2	41.1	1907.9	72864	24.773 ng/ml
O-desmethyl-tramadol	3.461	209080	163161.1	6.7	5327.1	476625	24.044 ng/ml
Oxazepam	5.787	83296	8058.5	73.8	4601.9	185808	25.088 ng/ml
Oxycodone	2.932	123128	9356.7	29.2	8131.2	206167	24.604 ng/ml
Oxymorphone	1.464	58249	4836.7	43.7	4817.1	86906	24.835 ng/ml
Phentermine	3.872	29022	3123.7	7.9	195.0	154972	25.263 ng/ml
Promethazine	5.596	69632	267100.5	40.2	6315.4	135983	24.598 ng/ml
Quetiapine	5.572	50745	7880.1	61.8	8126.1	28833	23.653 ng/ml
Sertraline	5.813	18146	2600.4	104.5	173520.6	31145	24.456 ng/ml
Temazepam	5.844	131265	19314.4	32.6	3263.8	270677	23.907 ng/ml
Tramadol	4.324	256812	37778.4	3.4	789.0	510805	24.575 ng/ml
Trazodone	5.141	89514	25667.9	77.3	20070.6	170344	24.725 ng/ml
Venlafaxine	5.128	138545	27838.3	42.4	3576.7	467910	22.860 ng/ml
Zolpidem	4.906	269766	16567.6	32.0	10175.7	494597	24.409 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 4 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 4 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-D1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 10:49:23 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.222	5068	20411.8	79.3	57392.1	23008	4.884 ng/ml
7-aminoclonazepam	4.323	112960	2467.1	98.5	220715.3	89391	53.355 ng/ml
a-hydroxyalprazolam	5.728	20411	9650.1	65.2	97843.2	21892	49.697 ng/ml
alpha-PHP	5.011	186959	312123.0	38.6	18512.9	146843	54.231 ng/ml
alpha-PVP	4.438	320569	7431.7	50.2	27734.3	257189	50.564 ng/ml
Alprazolam	5.802	131121	7856.0	115.7	20458.0	95919	48.189 ng/ml
Amphetamine	3.151	490119	19668.9	47.5	32429.9	135013	52.744 ng/ml
Benzoylcegonine	3.955	8090	11596.6	7.3	2118.4	5242	53.620 ng/ml
Buprenorphine	5.717	1950	4953.7	17.6	890.5	13423	5.228 ng/ml
Bupropion	4.863	230496	98100.5	66.8	10302.0	146843	51.876 ng/ml
Carisoprodol	5.757	77534	25187.7	69.6	2226.1	77600	50.294 ng/ml
Citalopram	5.308	112663	20759.3	38.7	273494.4	96702	50.277 ng/ml
Clonazepam	5.651	132863	6168.9	30.9	272940.8	42444	52.094 ng/ml
Cocaine	4.337	252524	214461.8	46.7	1232659.8	357063	50.797 ng/ml
Codeine	2.670	29032	4712.2	119.0	16869.6	31142	49.394 ng/ml
Cyclobenzaprine	5.669	82273	348760.2	8.7	2010.8	51242	49.715 ng/ml
Dextromethorphan	5.347	74570	469470.7	77.7	529098.7	75808	49.911 ng/ml
Dextrophan	4.207	68951	684260.6	224.0	371587.9	176918	50.543 ng/ml
Diazepam	5.973	93625	13187.0	88.6	11080.6	92064	49.819 ng/ml
Dihydrocodeine	2.643	85276	15446.2	57.4	5517.5	89366	51.156 ng/ml
Diphenhydramine	5.373	355127	13189.9	29.1	2733.4	384056	50.904 ng/ml
Doxylamine	4.604	602415	121055.8	97.1	24580.8	456362	50.506 ng/ml
EDDP	5.336	108205	1133558.1	222.6	873029.9	242080	50.503 ng/ml
Fentanyl	5.162	8579	1632.7	74.2	44500.9	87181	4.851 ng/ml
Fluoxetine	5.750	74381	556782.3	7.4	59015.1	52924	51.917 ng/ml
Hydrocodone	3.107	129198	7640.9	34.7	225.7	139410	58.199 ng/ml
Hydromorphone	1.687	104285	3178.6	72.2	10017.8	64371	49.150 ng/ml
Ketamine	4.117	220252	16544.1	39.8	2215.8	190572	51.173 ng/ml
Lamotrigine	4.375	18878	15420.4	88.3	138378.8	497592	54.552 ng/ml
Lorazepam	5.780	121845	10901.7	45.9	2554.8	185229	54.479 ng/ml
MDA	3.298	304897	25595.8	24.1	17942.7	173657	51.260 ng/ml
MDMA	3.389	202242	289980.6	89.0	30450.2	37577	51.070 ng/ml
Meprobamate	4.981	66398	515140.7	27.9	3396.0	48133	53.144 ng/ml

# AM #28 Multi-Drug Quant. Results

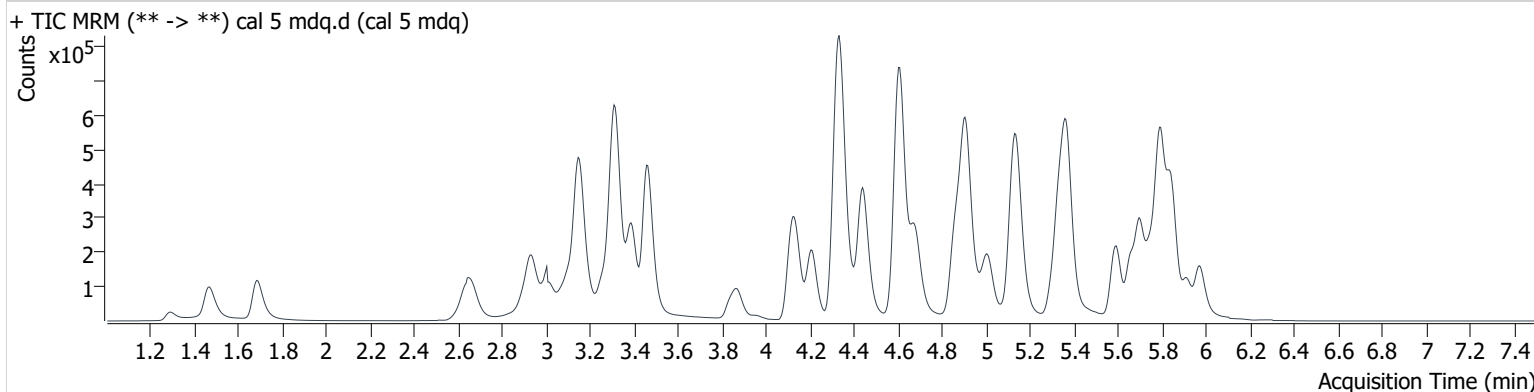
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	195397	1423951.6	54.7	47960.8	182236	51.219 ng/ml
Methamphetamine	3.319	94154	∞	254.1	∞	241421	51.307 ng/ml
Metoprolol	4.400	38254	457159.3	93.6	96160.5	158731	57.079 ng/ml
Mirtazapine	4.677	254016	361621.9	46.1	11637.3	182236	49.959 ng/ml
Mitragynine	5.291	31253	1397.5	34.5	87616.8	13423	49.577 ng/ml
Morphine	1.286	14696	28199.7	19.3	3778.4	3987	50.486 ng/ml
Nordiazepam	5.917	76068	100746.3	62.1	103826.5	54752	50.698 ng/ml
Norfentanyl	4.163	5386	3126.8	278.0	2480.8	368287	4.933 ng/ml
Noroxycodone	3.015	112116	14465.8	44.1	22643.7	71397	52.847 ng/ml
O-desmethyl-tramadol	3.461	435698	380696.1	6.6	44035.0	480993	49.692 ng/ml
Oxazepam	5.787	167726	7228.8	76.5	1534.7	185229	50.887 ng/ml
Oxycodone	2.932	261281	16532.5	28.9	16337.9	208568	51.832 ng/ml
Oxymorphone	1.464	120625	27522.4	43.9	31337.9	87687	51.134 ng/ml
Phentermine	3.872	60725	3211.6	7.9	1660.4	158731	51.402 ng/ml
Promethazine	5.596	126877	900203.6	37.9	11720.5	123171	49.172 ng/ml
Quetiapine	5.577	106331	23342.2	56.8	425253.9	27249	52.630 ng/ml
Sertraline	5.813	34120	9598.1	99.7	285680.6	28024	50.680 ng/ml
Temazepam	5.844	275316	20957.2	30.7	4032.7	273579	49.615 ng/ml
Tramadol	4.324	537814	1309619.4	3.3	2943.2	508681	52.057 ng/ml
Trazodone	5.141	186220	4457.9	72.9	30221.1	167879	52.246 ng/ml
Venlafaxine	5.128	279273	377004.0	42.9	6774.7	460787	46.704 ng/ml
Zolpidem	4.911	566834	30386.4	30.8	11565.0	497592	50.861 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 5 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 5 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-E1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 10:58:24 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.222	10455	25743.0	73.4	70812.2	22947	10.162 ng/ml
7-aminoclonazepam	4.323	214745	31989.8	97.3	2483024.7	86892	105.090 ng/ml
a-hydroxyalprazolam	5.733	41179	8055.7	60.9	4939.2	21733	101.134 ng/ml
alpha-PHP	5.006	367119	46161.7	39.5	44358.9	159022	99.157 ng/ml
alpha-PVP	4.438	634940	166177.8	50.4	58301.3	263181	97.809 ng/ml
Alprazolam	5.802	256583	46144.1	113.1	72061.3	94120	95.872 ng/ml
Amphetamine	3.151	1124283	87171.9	45.3	82582.6	146178	113.142 ng/ml
Benzoylcegonine	3.955	14804	4029.9	8.6	7996.7	5644	90.554 ng/ml
Buprenorphine	5.717	3839	509.6	15.7	5005.3	13190	10.383 ng/ml
Bupropion	4.863	481127	162739.0	65.8	57188.4	159022	100.247 ng/ml
Carisoprodol	5.757	153797	3101.2	67.1	3141.6	76927	100.518 ng/ml
Citalopram	5.308	214469	2955.2	41.8	664867.2	93028	99.350 ng/ml
Clonazepam	5.651	262328	28498.4	30.6	296017.0	42740	102.435 ng/ml
Cocaine	4.337	492039	1310290.2	46.2	62992.3	358440	98.697 ng/ml
Codeine	2.665	58320	685.1	114.6	8961.8	31181	97.824 ng/ml
Cyclobenzaprine	5.669	145443	983539.6	7.9	120259.6	46644	95.986 ng/ml
Dextromethorphan	5.347	135788	627959.8	78.0	1471142.4	69129	99.517 ng/ml
Dextrorphan	4.207	138389	4052.4	216.4	11559.2	176206	102.020 ng/ml
Diazepam	5.973	183910	20244.3	89.5	45120.3	90291	99.895 ng/ml
Dihydrocodeine	2.638	170171	18352.6	58.1	17656.1	89324	102.468 ng/ml
Diphenhydramine	5.368	694558	8776876.3	29.0	3608.4	384280	99.930 ng/ml
Doxylamine	4.604	1217615	32344.3	96.5	129348.8	462983	100.522 ng/ml
EDDP	5.336	208090	1515159.8	219.5	731183.9	232522	101.551 ng/ml
Fentanyl	5.162	15558	3817.7	75.5	98457.7	79132	9.659 ng/ml
Fluoxetine	5.745	129014	1051564.9	7.0	103223.0	45470	105.812 ng/ml
Hydrocodone	3.107	213349	6410.2	29.7	3713.3	141205	95.564 ng/ml
Hydromorphone	1.687	216256	10986.3	72.1	10654.6	62835	104.233 ng/ml
Ketamine	4.117	442063	80483.2	39.5	10401.0	192198	102.350 ng/ml
Lamotrigine	4.375	35801	10764.5	90.5	206376.7	508593	101.843 ng/ml
Lorazepam	5.780	230223	40381.0	47.4	5005.5	185607	103.405 ng/ml
MDA	3.303	613612	71903.0	24.1	15542.9	170201	105.417 ng/ml
MDMA	3.389	411071	2118315.1	86.8	18701.0	38756	101.139 ng/ml
Meprobamate	4.981	128994	25717.8	27.8	7105.6	48773	102.657 ng/ml

# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	358441	653212.8	54.0	38047.0	174272	98.327 ng/ml
Methamphetamine	3.319	267066	4732.1	206.0	∞	320345	115.550 ng/ml
Metoprolol	4.400	76385	11841.9	94.3	13480.2	187076	97.971 ng/ml
Mirtazapine	4.677	496162	13245.4	48.0	60209.8	174272	102.113 ng/ml
Mitragynine	5.286	56216	14436.5	29.3	27505.2	13190	90.183 ng/ml
Morphine	1.291	29289	7882.0	18.9	4108.6	4002	100.562 ng/ml
Nordiazepam	5.917	146644	920357.5	63.5	72248.5	53628	100.009 ng/ml
Norfentanyl	4.163	11157	5619.9	273.7	1417.9	371010	10.111 ng/ml
Noroxycodone	3.010	219574	24988.9	42.8	10447.4	73589	100.409 ng/ml
O-desmethyl-tramadol	3.461	868471	1105693.5	6.7	10244.4	488399	97.586 ng/ml
Oxazepam	5.787	326279	14231.0	74.8	2868.0	185607	98.985 ng/ml
Oxycodone	2.927	518014	29384.5	28.6	14202.5	210422	102.052 ng/ml
Oxymorphone	1.464	240199	13861.7	43.4	11746.8	88847	100.644 ng/ml
Phentermine	3.872	142777	3674.5	7.0	1764.5	187076	102.349 ng/ml
Promethazine	5.596	217537	543639.5	35.8	14534.0	102809	100.680 ng/ml
Quetiapine	5.572	211011	40283.1	57.5	925061.0	27427	103.915 ng/ml
Sertraline	5.813	60342	25214.6	102.3	201835.9	25297	98.920 ng/ml
Temazepam	5.844	539775	50416.7	30.6	9168.9	266322	99.927 ng/ml
Tramadol	4.324	1055907	16384.2	3.4	6194.5	521974	99.915 ng/ml
Trazodone	5.136	363741	12869.1	75.2	36723.1	162135	105.715 ng/ml
Venlafaxine	5.123	572221	2953145.8	41.6	2633.3	466902	94.353 ng/ml
Zolpidem	4.906	1128281	54114.1	31.4	16217.2	508593	98.946 ng/ml

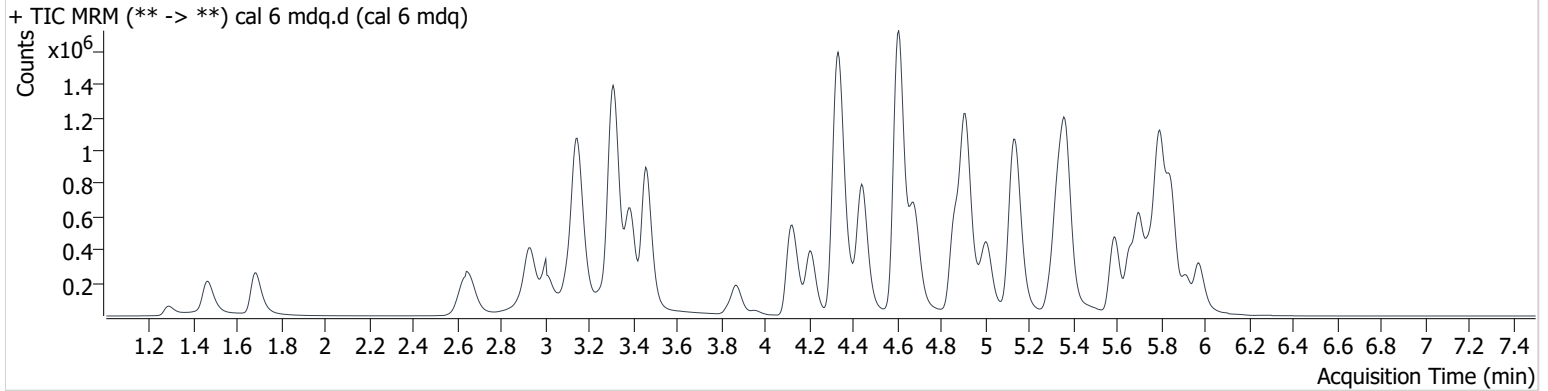


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 6 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 6 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-F1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 11:07:24 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.222	24828	94644.4	74.8	94882.3	21905	25.362 ng/ml
7-aminoclonazepam	4.323	474223	1289261.7	93.6	23179.6	77285	262.072 ng/ml
a-hydroxyalprazolam	5.733	91437	11399.2	63.1	8162.0	19389	251.908 ng/ml
alpha-PHP	5.006	874291	301320.4	38.9	57282.7	148792	253.938 ng/ml
alpha-PVP	4.443	1492024	242110.3	51.1	136357.4	240488	251.423 ng/ml
Alprazolam	5.802	595093	42286.0	112.4	33931.8	83889	249.104 ng/ml
Amphetamine	3.146	2656301	447279.1	46.8	183267.4	142475	276.039 ng/ml
Benzoylcegonine	3.955	39313	477060.2	8.2	22436.6	5267	256.156 ng/ml
Buprenorphine	5.717	8674	6529.9	16.7	11664.7	12632	24.369 ng/ml
Bupropion	4.863	1140833	797900.9	66.4	33716.8	148792	254.468 ng/ml
Carisoprodol	5.757	351671	42246.6	66.5	26006.7	69306	254.935 ng/ml
Citalopram	5.308	526150	69975.9	40.1	2082477.2	92853	243.982 ng/ml
Clonazepam	5.651	612089	432889.3	30.8	1453619.9	41080	249.103 ng/ml
Cocaine	4.337	1148025	12961627.7	46.8	2137488.6	332053	248.739 ng/ml
Codeine	2.665	139649	19716.8	117.6	19101.4	29663	244.302 ng/ml
Cyclobenzaprine	5.669	334224	6066647.3	7.9	192600.7	41204	248.737 ng/ml
Dextromethorphan	5.347	335634	294140.2	76.7	40808.0	66483	255.541 ng/ml
Dextrophan	4.207	322834	2454563.7	220.6	7197861.2	170460	246.247 ng/ml
Diazepam	5.973	427202	20447.8	88.1	105258.6	84233	248.905 ng/ml
Dihydrocodeine	2.628	409777	30211.9	59.9	43596.9	88384	249.855 ng/ml
Diphenhydramine	5.368	1708435	10111.6	29.1	92686.1	376379	251.643 ng/ml
Doxylamine	4.604	2997554	281056.4	98.2	4866.5	455561	251.344 ng/ml
EDDP	5.336	516817	4023067.5	224.1	2595630.9	237067	248.005 ng/ml
Fentanyl	5.162	37036	5588.9	72.2	3460.1	74090	24.509 ng/ml
Fluoxetine	5.750	276171	1410181.7	7.6	3756.4	40730	254.222 ng/ml
Hydrocodone	3.102	493348	6833.8	29.5	6698.8	134062	234.305 ng/ml
Hydromorphone	1.682	531439	14600.4	71.3	11949.6	63026	255.142 ng/ml
Ketamine	4.117	1052908	166017.6	39.1	10952.3	187344	250.838 ng/ml
Lamotrigine	4.375	81666	8572.9	93.4	46732.9	477018	248.741 ng/ml
Lorazepam	5.780	493495	81143.3	48.5	8843.5	162287	254.615 ng/ml
MDA	3.298	1433939	11660.7	24.4	68181.0	163872	256.079 ng/ml
MDMA	3.384	987995	3032644.5	86.8	8367.1	38013	248.570 ng/ml
Meprobamate	4.981	300510	7167.9	27.3	5683.8	46249	253.425 ng/ml

# AM #28 Multi-Drug Quant. Results

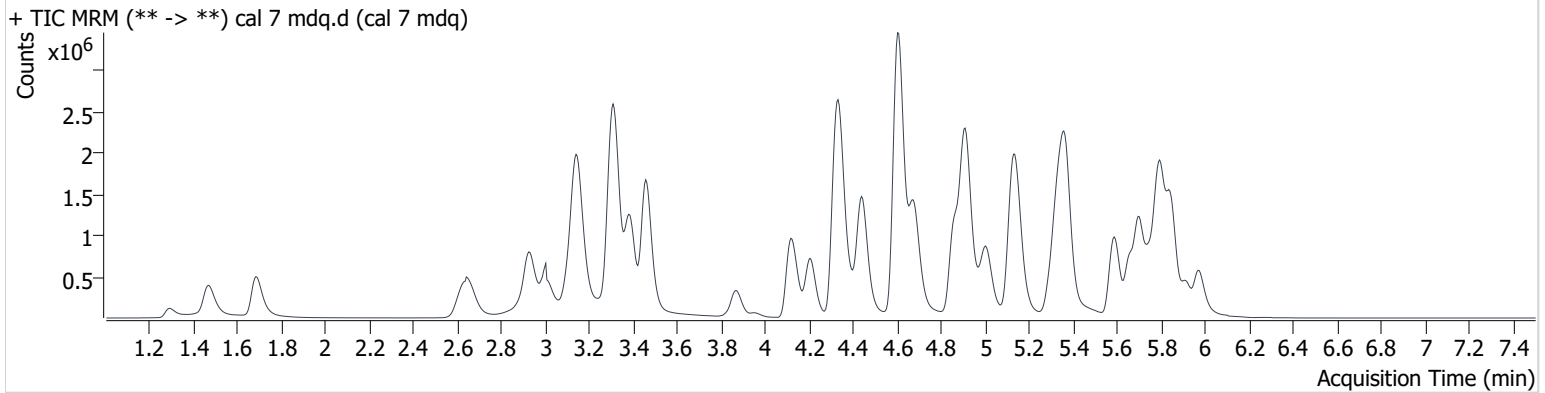
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	892529	848024.3	54.5	197773.2	175846	242.764 ng/ml
Methamphetamine	3.314	557501	4219.1	235.8	∞	304036	260.342 ng/ml
Metoprolol	4.400	177480	1398001.9	92.7	2122891.0	183989	233.936 ng/ml
Mirtazapine	4.677	1260985	693413.9	47.4	24787.2	175846	257.295 ng/ml
Mitragynine	5.291	139272	111284.5	30.1	8456.7	12632	232.217 ng/ml
Morphine	1.286	72687	10630.3	18.6	6062.9	3852	259.827 ng/ml
Nordiazepam	5.917	333504	2786329.3	62.6	72522.5	49121	248.656 ng/ml
Norfentanyl	4.158	26812	7350.5	280.1	10902.4	355728	25.298 ng/ml
Noroxycodone	3.010	533071	18850.2	42.5	23978.0	72484	247.475 ng/ml
O-desmethyl-tramadol	3.461	2152454	1646472.6	6.7	18457.6	471707	250.484 ng/ml
Oxazepam	5.787	730802	7004.1	74.2	4598.7	162287	253.891 ng/ml
Oxycodone	2.927	1247985	45811.9	28.4	73310.3	207696	249.382 ng/ml
Oxymorphone	1.459	579321	112059.1	43.9	12771.9	86281	250.183 ng/ml
Phentermine	3.872	350738	11754.9	6.7	5373.3	183989	255.348 ng/ml
Promethazine	5.596	518659	6048826.3	37.7	44928.7	99591	247.350 ng/ml
Quetiapine	5.572	523138	195210.5	58.3	1930471.4	28442	248.645 ng/ml
Sertraline	5.813	126014	545567.5	102.4	793291.6	21076	247.360 ng/ml
Temazepam	5.844	1274342	34514.1	30.6	18629.0	250365	250.956 ng/ml
Tramadol	4.324	2475879	12795.4	3.4	10932.6	495248	247.426 ng/ml
Trazodone	5.141	887516	1214981.5	74.7	28230.0	165148	253.302 ng/ml
Venlafaxine	5.123	1381757	614930.2	42.5	73003.4	429689	247.430 ng/ml
Zolpidem	4.911	2690896	89049.3	31.3	67119.7	477018	251.431 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 7 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 7 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-G1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 11:16:24 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.222	51706	18069.0	71.0	10085.9	23428	49.438 ng/ml
7-aminoclonazepam	4.323	815169	1624123.7	92.0	407371.9	71116	490.236 ng/ml
a-hydroxyalprazolam	5.728	164653	31813.7	63.7	5274.1	17110	514.181 ng/ml
alpha-PHP	5.006	1740247	168920.4	39.0	123702.0	157174	479.395 ng/ml
alpha-PVP	4.438	2953121	62604.9	51.3	75036.1	240093	498.388 ng/ml
Alprazolam	5.802	1113348	59587.7	112.2	4685.3	75011	520.952 ng/ml
Amphetamine	3.145	5098092	60199.8	47.4	188973.1	142616	530.405 ng/ml
Benzoylcegonine	3.951	83917	781871.6	7.6	40950.1	5773	498.069 ng/ml
Buprenorphine	5.712	17079	1746.2	15.9	10022.1	12349	48.990 ng/ml
Bupropion	4.863	2338837	2238421.1	65.0	22220.3	157174	494.128 ng/ml
Carisoprodol	5.757	663604	174653.3	65.2	11967.6	66992	497.568 ng/ml
Citalopram	5.302	1120502	55978.7	40.6	126930.6	96261	501.046 ng/ml
Clonazepam	5.651	1151674	74400.8	31.2	3441387.4	38526	500.066 ng/ml
Cocaine	4.337	2115246	4093779.4	46.5	3308429.4	300921	505.828 ng/ml
Codeine	2.659	288032	7461.5	111.9	14588.6	29608	503.464 ng/ml
Cyclobenzaprine	5.669	691625	9612593.4	8.1	2217.7	42650	496.670 ng/ml
Dextromethorphan	5.341	665721	6770.2	76.1	3215171.1	66820	504.156 ng/ml
Dextrophan	4.202	646859	909903.0	223.0	332265.1	166914	504.058 ng/ml
Diazepam	5.973	836348	280530.7	88.2	118128.5	81759	502.145 ng/ml
Dihydrocodeine	2.628	823165	112774.4	59.5	58848.5	90027	493.082 ng/ml
Diphenhydramine	5.368	3556678	854658.8	29.4	61218.0	396599	497.607 ng/ml
Doxylamine	4.599	6255329	9033.7	97.8	1425835.2	479329	498.399 ng/ml
EDDP	5.331	1074419	3259765.3	224.8	4782502.5	247623	494.035 ng/ml
Fentanyl	5.157	77876	13750.2	73.5	475081.7	76325	49.994 ng/ml
Fluoxetine	5.745	506628	4670590.4	7.8	3753.2	38752	491.081 ng/ml
Hydrocodone	3.102	958758	26136.2	41.0	∞	136953	446.702 ng/ml
Hydromorphone	1.682	1027228	77818.0	75.1	5848.6	65074	477.512 ng/ml
Ketamine	4.117	2089834	99119.9	39.5	21565.1	186378	500.962 ng/ml
Lamotrigine	4.370	151296	4236.1	90.1	36571.7	486841	452.123 ng/ml
Lorazepam	5.775	850432	108506.8	48.0	13725.3	148635	479.750 ng/ml
MDA	3.292	2617901	106632.0	24.4	132779.2	155102	494.094 ng/ml
MDMA	3.384	1953484	14485.7	84.5	508310.1	37985	492.335 ng/ml
Meprobamate	4.976	576487	565096.9	27.1	19772.6	45282	497.345 ng/ml

# AM #28 Multi-Drug Quant. Results

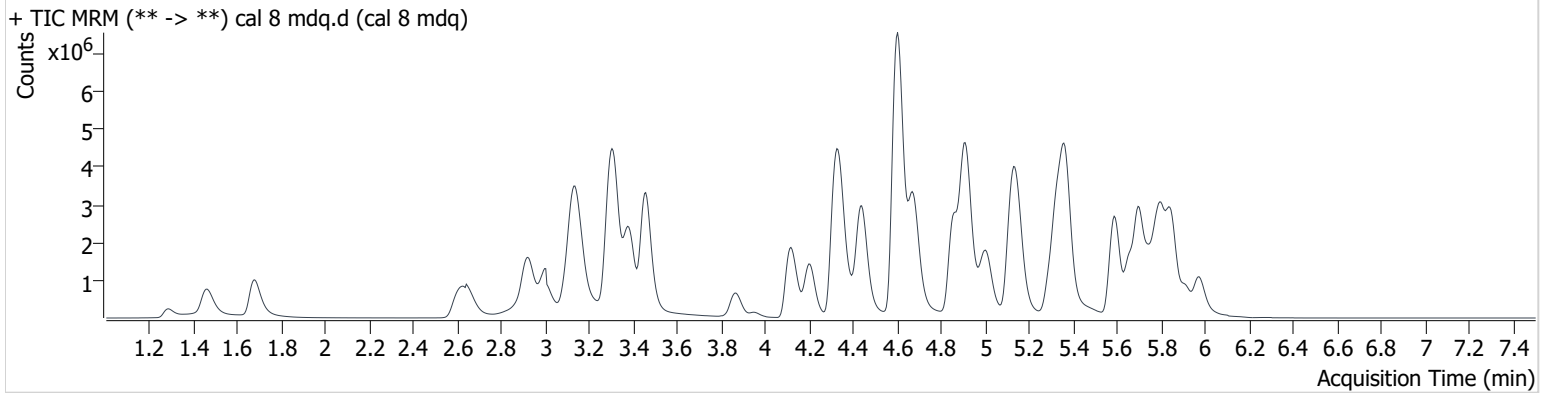
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	1973401	9914471.4	52.4	200859.0	188647	500.422 ng/ml
Methamphetamine	3.314	1140946	∞	237.3	∞	321245	509.094 ng/ml
Metoprolol	4.400	331929	14002.0	95.4	334821.6	190955	423.015 ng/ml
Mirtazapine	4.677	2724498	56451.2	46.5	644775.7	188647	518.261 ng/ml
Mitragynine	5.286	290341	40440.4	30.5	6915.6	12349	494.426 ng/ml
Morphine	1.291	148571	75159.4	18.2	4659.5	4095	499.829 ng/ml
Nordiazepam	5.917	642983	145829.5	61.6	78588.6	45801	514.397 ng/ml
Norfentanyl	4.158	52814	38072.8	278.0	33699.3	345462	51.280 ng/ml
Noroxycodone	3.005	1045843	30344.1	43.3	63938.6	73068	481.639 ng/ml
O-desmethyl-tramadol	3.455	4453113	2178140.9	6.4	47412.0	483539	505.574 ng/ml
Oxazepam	5.787	1295668	29163.5	75.3	6893.4	148635	491.672 ng/ml
Oxycodone	2.922	2558418	92238.3	28.7	58792.6	211655	501.889 ng/ml
Oxymorphone	1.464	1181620	56572.5	43.7	10763.5	89188	493.810 ng/ml
Phentermine	3.867	712499	9304.9	6.3	7899.1	190955	499.610 ng/ml
Promethazine	5.596	1118907	754810.0	37.6	273225.2	111626	475.795 ng/ml
Quetiapine	5.572	1144651	9127695.6	58.5	40683.2	31106	497.602 ng/ml
Sertraline	5.813	236871	50790.9	101.4	374934.6	19321	506.801 ng/ml
Temazepam	5.844	2499015	196053.9	30.7	9774.9	248281	496.266 ng/ml
Tramadol	4.319	4641758	26305.3	3.4	20292.6	451950	508.673 ng/ml
Trazodone	5.141	1883243	39662.7	75.4	764917.0	182134	487.407 ng/ml
Venlafaxine	5.123	2803749	2455871.5	40.6	270187.4	414400	520.492 ng/ml
Zolpidem	4.910	5464226	198197.9	30.5	28284.2	486841	500.154 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020 Data\am 27-28 110520\QuantResults\mdq.batch.bin  
**Calibration Last Update** 11/9/2020 6:14:55 PM

<b>Instrument</b>	69679	<b>Data File</b>	cal 8 mdq.d
<b>Type</b>	Cal	<b>Sample</b>	cal 8 mdq
<b>Acq. Method</b>	MDQP1 5-27-20.m	<b>Operator</b>	Britany Wylie
<b>Sample Position</b>	P2-H1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	11/5/2020 11:34:20 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.217	120848	35637.5	73.6	33575.1	27039	100.175 ng/ml
7-aminoclonazepam	4.318	1200412	378186.8	90.9	19597.7	62967	815.864 ng/ml
a-hydroxyalprazolam	5.728	260845	8107.6	64.0	14795.7	13993	996.177 ng/ml
alpha-PHP	5.006	3918745	1519435.9	38.7	135869.3	188312	901.908 ng/ml
alpha-PVP	4.438	6360430	108712.1	51.7	243523.6	251419	1025.002 ng/ml
Alprazolam	5.802	2038437	41583.2	111.7	35799.4	66472	1076.105 ng/ml
Amphetamine	3.135	9892880	517236.3	47.7	684259.4	158084	929.480 ng/ml
Benzoylcegonine	3.951	212276	2501013.1	7.7	4768.2	7045	1031.590 ng/ml
Buprenorphine	5.717	39250	2929.5	16.0	4222.7	14027	99.020 ng/ml
Bupropion	4.857	5414550	5088558.1	64.3	72664.3	188312	955.043 ng/ml
Carisoprodol	5.752	1187865	752997.0	62.2	46704.5	59386	1004.607 ng/ml
Citalopram	5.297	2433166	308989.8	39.8	9330819.6	102249	1024.158 ng/ml
Clonazepam	5.646	2044305	75599.7	31.8	6577.9	37275	917.720 ng/ml
Cocaine	4.337	4054211	3614586.5	46.1	1124090.8	285859	1020.691 ng/ml
Codeine	2.654	613218	18651.9	109.7	30088.8	31552	1004.551 ng/ml
Cyclobenzaprine	5.669	2119260	12453853.2	8.4	8867.0	64300	1008.858 ng/ml
Dextromethorphan	5.341	1442055	447334.1	76.0	8370748.4	71423	1021.550 ng/ml
Dextrophan	4.202	1355930	9016397.9	226.0	65441.9	175514	1004.988 ng/ml
Diazepam	5.973	1752359	28773.2	87.9	25921.0	86089	999.318 ng/ml
Dihydrocodeine	2.613	1785342	87073.3	60.2	86749.2	99843	964.610 ng/ml
Diphenhydramine	5.368	8133572	79827591.6	29.3	480899.5	445944	1012.500 ng/ml
Doxylamine	4.599	14312792	2407203.1	97.1	4655848.4	538881	1014.256 ng/ml
EDDP	5.331	2333687	81068.4	226.7	1431339.4	262295	1013.501 ng/ml
Fentanyl	5.162	231197	15516.7	76.9	25067.3	105477	107.364 ng/ml
Fluoxetine	5.745	1457761	11848731.3	7.7	854613.9	54985	996.857 ng/ml
Hydrocodone	3.091	2295149	14127.4	37.5	7010.7	148793	985.555 ng/ml
Hydromorphone	1.677	2351440	377158.3	71.8	46279.3	70975	1002.025 ng/ml
Ketamine	4.116	4513855	794196.2	39.2	55792.9	211159	955.516 ng/ml
Lamotrigine	4.370	265664	41223.2	91.7	70629.8	519405	744.594 ng/ml
Lorazepam	5.775	1208207	200666.1	47.4	24295.4	114327	886.756 ng/ml
MDA	3.282	4266755	353461.6	25.0	251673.5	140185	891.106 ng/ml
MDMA	3.379	4074756	3312170.2	82.3	26220.9	38515	1013.347 ng/ml
Meprobamate	4.971	1036977	22410597.3	26.8	111536.1	45621	888.621 ng/ml

# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.698	5236715	1274634.8	49.9	321604.6	237475	1054.997 ng/ml
Methamphetamine	3.308	2604171	95279.7	215.7	∞	389337	963.325 ng/ml
Metoprolol	4.395	625912	6985920.3	95.6	822702.0	228702	667.062 ng/ml
Mirtazapine	4.671	6668389	112314.8	46.6	2145884.4	237475	1007.729 ng/ml
Mitragynine	5.281	784871	13619751.7	33.4	4662.8	14027	1175.685 ng/ml
Morphine	1.286	310402	21304.0	18.6	3378.6	4436	964.289 ng/ml
Nordiazepam	5.917	1248100	44209.6	63.6	25693.4	45669	1001.611 ng/ml
Norfentanyl	4.158	111854	19401.1	275.7	3151.3	343612	109.156 ng/ml
Noroxycodone	2.999	2135189	35216.6	43.1	27275.4	72443	991.782 ng/ml
O-desmethyl-tramadol	3.455	9835033	24074.5	6.5	96134.4	516864	1044.648 ng/ml
Oxazepam	5.782	2034261	78437.3	74.5	27898.3	114327	1003.812 ng/ml
Oxycodone	2.917	5726919	73110.1	28.4	60054.5	245917	967.120 ng/ml
Oxymorphone	1.459	2586415	127920.5	43.4	85703.3	97358	990.336 ng/ml
Phentermine	3.867	1588144	∞	5.8	5029.2	228702	929.646 ng/ml
Promethazine	5.591	4029526	16931.7	36.4	808713.6	186167	1027.049 ng/ml
Quetiapine	5.572	2549919	26650703.5	59.4	12092865.3	36150	953.980 ng/ml
Sertraline	5.813	658092	1055665.3	103.5	4857214.7	28111	967.393 ng/ml
Temazepam	5.844	5135778	56191.0	30.3	44989.3	244392	1036.117 ng/ml
Tramadol	4.319	9084951	6189127.8	3.3	37111.6	464946	968.068 ng/ml
Trazodone	5.141	4286789	30162.7	75.6	117257.6	217666	928.406 ng/ml
Venlafaxine	5.118	6407042	9379974.3	38.9	24609.4	418385	1177.976 ng/ml
Zolpidem	4.909	11963398	153258.9	29.6	45454.4	519405	1026.272 ng/ml