






















**REVIEWED**  
By Sarah Pickle at 7:59 am, Jul 02, 2020

TS

6/29/2020

**Worklist: 4327**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-1855	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-2057	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1440	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1470	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1489	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1500	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1500	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1518	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1527	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1564	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1566	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1626	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1666	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1667	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1668	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1671	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1672	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1674	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1676	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1677	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1710	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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**Worklist: 4327**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2020-1734	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ





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

AS

Extraction Date: 06/29/2020  
Plate lot#: Item #:IDP-111-2 Lot:200513

Analyst: Tamara Salazar  
Plate 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:** 445283-4

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

**LCMS-QQQ ID:** 069901

## Pre-Analytic:

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

## Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 42** 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)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

## Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and  $R^2$  values  $\geq 0.98$  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? Y / N \_\_\_\_\_ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: *Curves limited: Amphetamine 5-250, Benzoylcegonine 5-500, Dihydrocodeine 5-500, Doxylamine 5-500, Lamotrigine 5-250, Lorazepam 5-100, MDA 5-500, Meprobamate 5-250, Norfentanyl 0.5-50, Phentermine 5-500*

# AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

**Instrument** Falco  
**Type** Sample  
**Acq. Method** MDQ P1 060520.m  
**Sample Position** P2-C11  
**Injection Volume** 2  
**Acq. Date-Time** 6/30/2020 8:56:51 PM  
**Sample Info.**

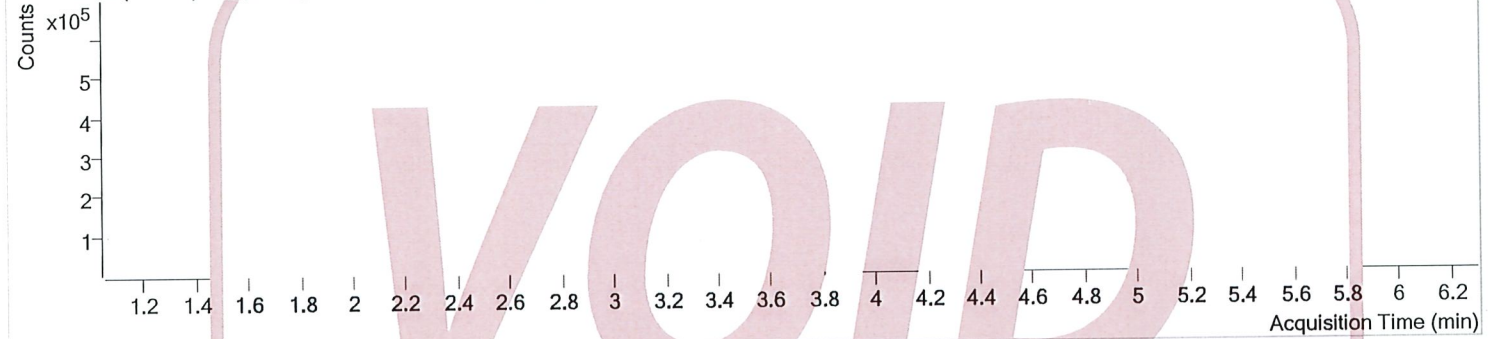
**Data File** TS\_p1 Negative Blood.d  
**Sample** TS\_p1 Negative Blood  
**Operator** Tamara Salazar  
**Comment**

Negative control was reinserted due to carryover from the QC 1000. Please refer to reinject data.

*TS 7-1-2020*

## Sample Chromatogram

+ TIC MRM (\*\* -> \*\*) TS\_p1 Negative Blood.d (TS\_p1 Negative Blood)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Promethazine	5.508	31997	365.50	30.6	211.93	292326	4.9618 ng/ml
Sertraline	5.758	16762	75.20	90.9	442.09	90296	7.2410 ng/ml

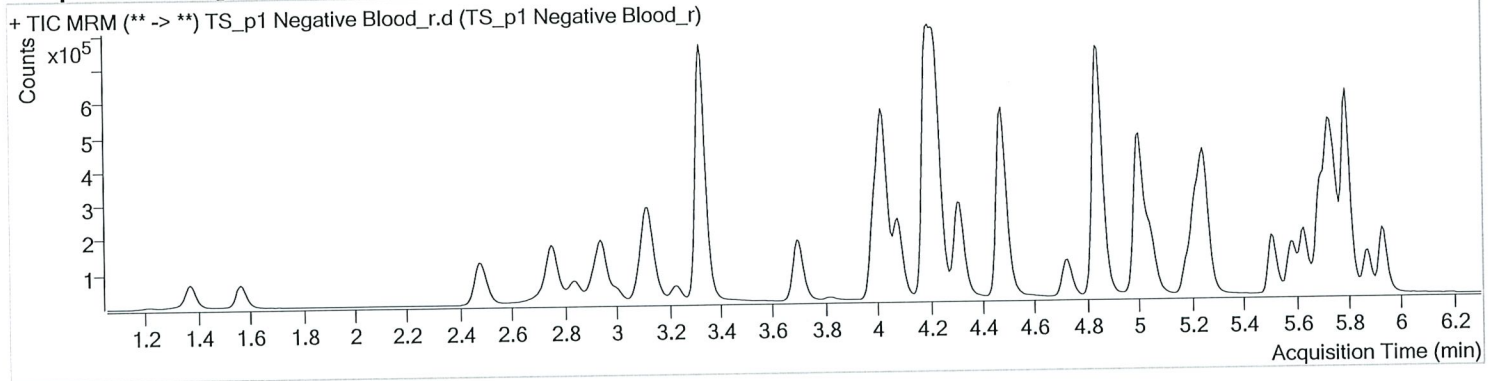
# AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 Negative Blood_r.d
<b>Type</b>	Sample	<b>Sample</b>	TS_p1 Negative Blood_r
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-C11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	7/1/2020 9:47:13 AM		
<b>Sample Info.</b>			

## Sample Chromatogram





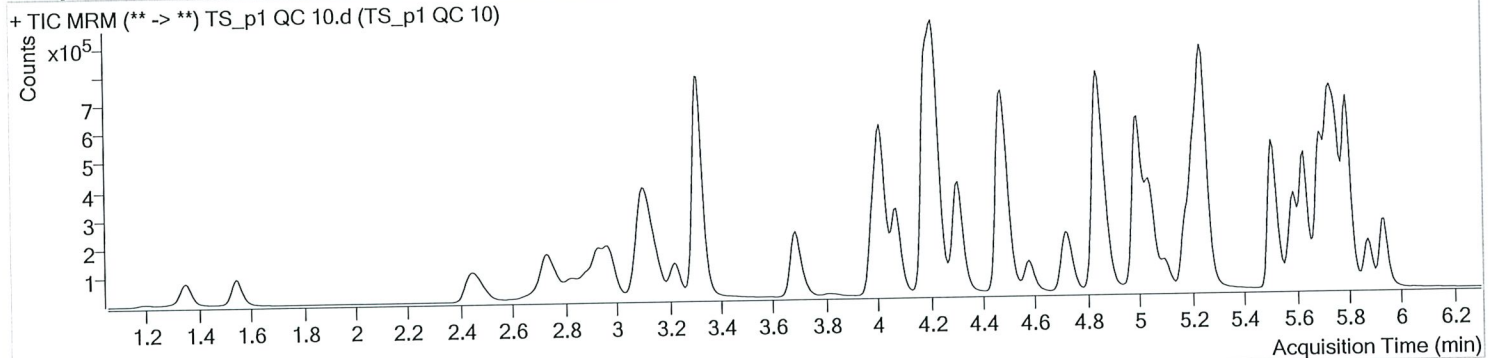
# AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 QC 10.d
<b>Type</b>	QC	<b>Sample</b>	TS_p1 QC 10
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-H11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 7:21:29 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	3553	4030.55	77.6	243.94	74842	0.9570 ng/ml
7-aminoclonazepam	4.223	78462	397.53	80.3	362.42	285637	9.8894 ng/ml
a-hydroxyalprazolam	5.674	33458	767.71	63.5	726.65	77560	10.5781 ng/ml
alpha-PVP	4.315	178148	10142.46	51.9	6414.04	764012	10.2079 ng/ml
Alprazolam	5.751	111744	409.41	106.1	1881.67	320976	10.0205 ng/ml
Amphetamine	2.977	271411	∞	52.7	3910.85	288035	9.7302 ng/ml
Benzoylecgonine	3.838	6987	342.99	7.7	164.42	18858	10.2011 ng/ml
Buprenorphine	5.809	4991	123.17	16.2	30.30	186412	1.0754 ng/ml
Bupropion	4.733	135423	1308.63	60.4	429.25	454601	9.8156 ng/ml
Carisoprodol	5.700	102582	965.70	56.8	328.90	475378	10.0702 ng/ml
Citalopram	5.176	104127	991.07	42.2	671.91	444844	10.1417 ng/ml
Clonazepam	5.581	139777	12346.88	33.5	1640.77	167861	9.7799 ng/ml
Cocaine	4.216	176394	5662.73	46.2	7549.81	1309571	10.0902 ng/ml
Codeine	2.496	20332	1046.59	102.5	498.87	92000	10.1181 ng/ml
Cyclobenzaprine	5.598	88489	1047.58	9.0	∞	332029	10.2777 ng/ml
Dextromethorphan	5.219	59569	380.43	77.2	440.22	269974	10.1981 ng/ml
Dextrorphan	4.070	45289	1860.11	218.9	3081.26	577977	9.9067 ng/ml
Diazepam	5.936	83011	824.55	86.2	5495.81	384594	10.2636 ng/ml
Dihydrocodeine	2.475	50481	683.69	64.4	275.43	267809	10.0676 ng/ml
Diphenhydramine	5.247	248701	5647.94	33.3	518.70	1584824	10.4984 ng/ml
Doxylamine	4.487	380848	7866.46	97.8	2835.70	1565598	9.7505 ng/ml
EDDP	5.211	119387	219.53	42.6	104052.33	631126	9.8836 ng/ml
Fentanyl	5.047	8775	164.03	67.6	∞	384853	0.9947 ng/ml
Fluoxetine	5.690	114615	2896.83	8.8	1629.37	410725	10.9569 ng/ml
Hydrocodone	2.953	68056	209.63	38.0	128.23	409999	10.5088 ng/ml
Hydromorphone	1.553	53376	567.28	76.5	543.78	172557	9.6039 ng/ml
Ketamine	3.996	154431	4810.38	38.6	709.87	655296	10.2034 ng/ml
Lamotrigine	4.232	13858	1948.33	82.8	2105.06	655296	11.2901 ng/ml
Lorazepam	5.729	120540	∞	57.7	1717.78	167861	10.1473 ng/ml
MDA	3.130	204041	2964.60	21.4	1272.79	441305	10.6286 ng/ml
MDMA	3.231	135915	8981.02	67.5	3856.20	128691	10.2327 ng/ml
Meprobamate	4.869	52169	∞	25.9	7926.91	255523	10.0615 ng/ml
Methadone	5.629	165270	2373.12	52.5	3323.26	732251	10.4757 ng/ml



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	174549	2703.89	42.1	200.52	739535	10.8265 ng/ml
Metoprolol	4.278	28746	∞	96.6	∞	1729142	9.7496 ng/ml
Mirtazapine	4.575	188668	5159.51	49.2	3301.00	764012	9.5480 ng/ml
Mitragynine	5.181	36556	7484.36	36.9	31675.36	732251	11.5437 ng/ml
Morphine	1.200	7857	193.07	22.8	498.43	8919	9.8501 ng/ml
Norbuprenorphine	4.944	648	33.24	69.8	115.74	22101	1.2002 ng/ml
Nordiazepam	5.882	79327	830.02	58.0	2527.37	244699	10.5099 ng/ml
Norfentanyl	4.037	26619	1502.92	38.0	192.50	1211567	0.9586 ng/ml
Norhydrocodone	3.007	7039	74.60	45.2	65.51	74016	9.1846 ng/ml
Noroxycodone	2.845	61640	480.17	46.7	16.03	199510	10.4149 ng/ml
O-desmethyl-tramadol	3.317	343525	5298.27	6.3	1556.01	1786837	9.9369 ng/ml
Oxazepam	5.732	134282	4876.31	73.1	98.97	819148	9.9590 ng/ml
Oxycodone	2.762	136630	1402.89	31.0	1213.30	573682	10.1262 ng/ml
Oxymorphone	1.356	55907	956.60	46.8	440.14	190628	10.2332 ng/ml
Phentermine	3.723	51590	426.69	3.4	∞	640206	10.9226 ng/ml
Promethazine	5.508	192245	3892.08	31.0	811.44	779242	10.7078 ng/ml
Quetiapine	5.525	117784	∞	59.2	∞	140204	10.8495 ng/ml
Sertraline	5.758	62943	494.62	87.9	4595.04	218218	11.2775 ng/ml
Temazepam	5.799	233258	1251.77	29.1	207.79	1092117	9.9546 ng/ml
Tramadol	4.197	334413	1266.41	3.4	172.90	1729142	9.8704 ng/ml
Trazodone	5.093	140121	1659.05	78.2	1345.08	559330	10.2006 ng/ml
Venlafaxine	4.994	261446	1535.26	36.7	1001.12	1280903	10.7836 ng/ml
Zolpidem	4.858	350460	1391.30	31.1	2916.05	1662153	10.1714 ng/ml



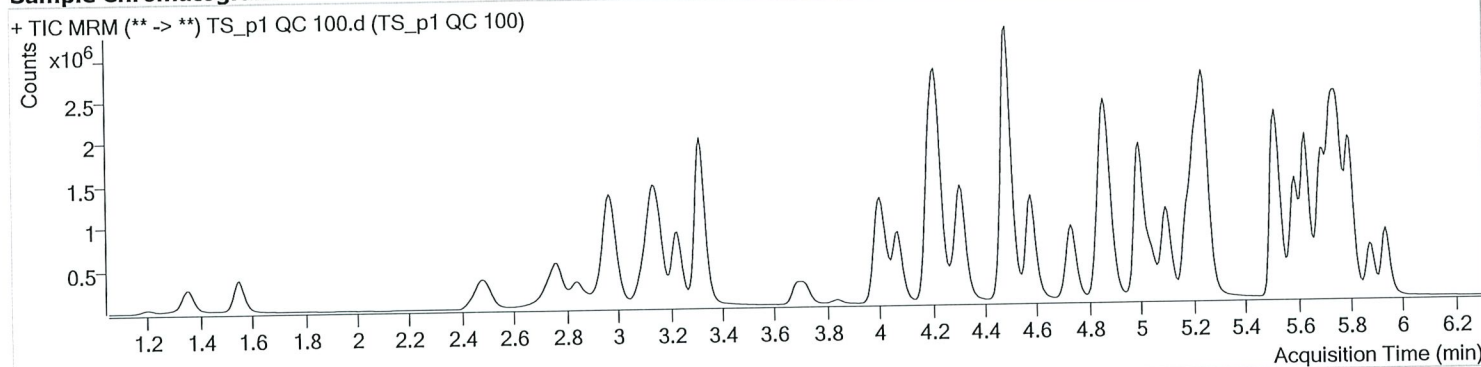
# AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 QC 100.d
<b>Type</b>	QC	<b>Sample</b>	TS_p1 QC 100
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-G11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 7:42:40 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	36489	2658.46	71.0	1544.37	74420	10.5894 ng/ml
7-aminoclonazepam	4.223	686353	710.50	81.5	∞	240374	107.6442 ng/ml
a-hydroxyalprazolam	5.674	313784	1681.36	61.5	1781.97	73094	108.8829 ng/ml
alpha-PVP	4.315	1846294	3258.73	50.7	2918.67	753602	101.1812 ng/ml
Alprazolam	5.751	1013725	1400.73	107.1	1576.64	274497	104.8169 ng/ml
Amphetamine	2.977	2569342	15757.16	51.9	21375.57	294097	110.9330 ng/ml
Benzoylcegonine	3.838	81773	1119.11	7.9	491.98	18639	113.5532 ng/ml
Buprenorphine	5.809	58868	1605.63	17.1	462.57	217160	10.1336 ng/ml
Bupropion	4.733	1363850	1506.99	60.7	2204.18	442995	102.9777 ng/ml
Carisoprodol	5.700	915177	437199.77	55.1	604.99	410735	103.6619 ng/ml
Citalopram	5.176	1179837	26718.66	42.3	1669.74	492831	105.3878 ng/ml
Clonazepam	5.581	1252097	1929.72	33.1	64509.14	145968	111.4275 ng/ml
Cocaine	4.216	1754960	758578.85	45.0	134050.22	1204650	104.4635 ng/ml
Codeine	2.503	198889	1476.21	104.1	1414.56	88189	106.3764 ng/ml
Cyclobenzaprine	5.598	1083933	74038.94	9.5	1017.81	398023	104.3705 ng/ml
Dextromethorphan	5.219	699568	596.66	79.3	665.33	316265	102.5253 ng/ml
Dextrorphan	4.070	468290	9045.27	217.3	27969.00	584438	99.5447 ng/ml
Diazepam	5.936	780807	16371.08	87.0	2385.09	353685	106.2149 ng/ml
Dihydrocodeine	2.475	513102	873.18	64.3	1903.11	268537	107.6968 ng/ml
Diphenhydramine	5.247	2952426	1031.08	32.8	3376.55	1852095	102.1842 ng/ml
Doxylamine	4.487	4074098	∞	97.4	90167.54	1592243	106.6855 ng/ml
EDDP	5.211	1409449	1362.48	43.6	2701.79	743176	98.8178 ng/ml
Fentanyl	5.047	114498	416397.00	67.2	128283.65	494923	10.3160 ng/ml
Fluoxetine	5.690	1293927	3985.33	8.9	8144.03	487800	102.1766 ng/ml
Hydrocodone	2.953	647551	8240.67	38.6	∞	397207	111.2764 ng/ml
Hydromorphone	1.553	541523	∞	77.0	∞	167353	102.8284 ng/ml
Ketamine	3.996	1541766	119337.16	38.7	7224.18	645127	108.4727 ng/ml
Lamotrigine	4.232	122067	2952.46	82.0	2033.80	645127	109.0865 ng/ml
Lorazepam	5.729	964594	24571.34	54.6	4865.48	145968	98.9293 ng/ml
MDA	3.130	1927913	11748.10	20.9	4216.58	420237	112.1768 ng/ml
MDMA	3.231	1414428	102768.61	67.7	12598.34	129335	107.9684 ng/ml
Meprobamate	4.869	427395	40153.87	26.4	3947.05	221995	103.1784 ng/ml
Methadone	5.629	2060814	3904.35	51.2	3098.59	895059	102.9078 ng/ml

# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	1743978	3405.31	42.3	2146.18	756278	116.8128 ng/ml
Metoprolol	4.278	297567	962470.16	97.0	5879.92	1709384	104.8127 ng/ml
Mirtazapine	4.575	2224189	7579.59	48.0	79672.61	753602	102.3661 ng/ml
Mitragynine	5.181	422713	25268.22	37.7	7607.34	895059	111.2281 ng/ml
Morphine	1.200	81412	11277.22	22.7	337.94	8860	104.6392 ng/ml
Norbuprenorphine	4.944	6722	92.47	82.5	6656.63	26791	11.2412 ng/ml
Nordiazepam	5.882	747212	4704.17	58.5	35287.28	229300	107.4266 ng/ml
Norfentanyl	4.037	285913	47703.58	36.9	1413.99	1192064	10.1810 ng/ml
Norhydrocodone	3.007	67219	236.45	43.4	254.98	58313	104.6399 ng/ml
Noroxycodone	2.845	601297	784.93	47.7	1178.51	186353	109.8618 ng/ml
O-desmethyl-tramadol	3.317	3553016	∞	6.0	1436.01	1740475	105.2023 ng/ml
Oxazepam	5.732	1158721	11941.31	71.2	∞	662678	111.4493 ng/ml
Oxycodone	2.762	1387706	3046.12	31.4	2710.36	568999	106.8816 ng/ml
Oxymorphone	1.356	527602	∞	47.7	22444.44	178428	108.7516 ng/ml
Phentermine	3.723	531046	∞	3.3	1041.56	649416	118.0054 ng/ml
Promethazine	5.508	2404557	5170.18	30.3	2206.82	978793	103.2258 ng/ml
Quetiapine	5.525	1283047	170742.32	59.5	459574.90	158973	108.4444 ng/ml
Sertraline	5.758	646908	2268.78	91.7	3081.64	241793	104.9942 ng/ml
Temazepam	5.799	2264141	1824.18	29.0	2402.10	1019855	103.4974 ng/ml
Tramadol	4.197	3355569	13695.24	3.4	1355.49	1709384	105.7620 ng/ml
Trazodone	5.093	1699907	63542.51	77.8	70774.80	684062	105.8946 ng/ml
Venlafaxine	4.994	2726777	2361.75	36.6	2540.50	1278685	107.2281 ng/ml
Zolpidem	4.858	3523364	1962.65	30.4	3659.35	1638550	110.5492 ng/ml



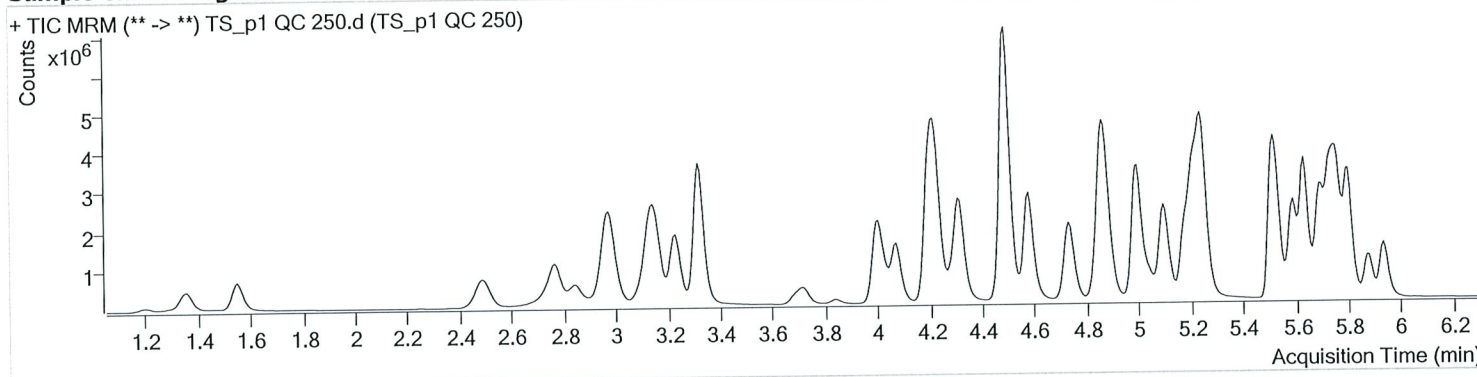


# AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 QC 250.d
<b>Type</b>	QC	<b>Sample</b>	TS_p1 QC 250
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 8:03:52 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	84244	7487.28	71.6	16195.54	71408	25.5859 ng/ml
7-aminoclonazepam	4.223	1232528	1129.75	82.2	786.71	180206	258.5635 ng/ml
a-hydroxyalprazolam	5.674	624724	1035.87	62.4	1505.07	62311	254.8332 ng/ml
alpha-PVP	4.315	4095431	4101.27	50.1	108414.57	689326	244.4567 ng/ml
Alprazolam	5.751	2060840	4422.01	104.7	4497.41	223534	261.4377 ng/ml
Amphetamine	2.977	4816088	601.17	51.2	55519.52	269370	229.6470 ng/ml
Benzoylcegonine	3.838	203604	19554.74	7.8	1314.99	18942	277.2359 ng/ml
Buprenorphine	5.809	128763	682.31	16.2	1307.13	193945	24.6989 ng/ml
Bupropion	4.733	3349528	2212.12	60.1	5778.86	443883	252.6394 ng/ml
Carisoprodol	5.707	1718433	12562.05	54.0	8295.82	316896	252.2360 ng/ml
Citalopram	5.176	2464952	3803.68	43.1	2113.59	441512	246.0121 ng/ml
Clonazepam	5.581	2452952	54873.45	32.8	23404.93	125651	255.0558 ng/ml
Cocaine	4.216	3633586	84663.66	44.6	214334.42	1031678	251.8769 ng/ml
Codeine	2.509	410496	2882.56	103.6	812.76	77716	249.5964 ng/ml
Cyclobenzaprine	5.598	2301785	191405.22	9.5	555.56	349972	251.9669 ng/ml
Dextromethorphan	5.212	1423922	1256.59	79.2	2087.49	264048	249.9969 ng/ml
Dextrorphan	4.070	1051351	63459.68	213.7	4208.29	530063	246.1310 ng/ml
Diazepam	5.936	1602820	∞	87.4	15574.11	305441	252.6575 ng/ml
Dihydrocodeine	2.481	1106020	3248.91	64.8	2781.47	253184	247.0185 ng/ml
Diphenhydramine	5.247	6440276	3430.27	32.1	3352.25	1649960	249.5013 ng/ml
Doxylamine	4.487	9391070	403326.89	96.5	430536.25	1508111	260.2576 ng/ml
EDDP	5.211	3279807	135299.18	42.6	1571.23	702255	243.3056 ng/ml
Fentanyl	5.047	258579	20729.60	67.2	402321.34	457776	25.2232 ng/ml
Fluoxetine	5.690	2649924	152658.74	8.8	∞	418915	243.3426 ng/ml
Hydrocodone	2.953	1357663	2944.38	37.8	∞	372630	249.8202 ng/ml
Hydromorphone	1.553	1137044	1051.29	76.9	3754.78	153188	236.1982 ng/ml
Ketamine	3.996	3411112	6141.47	38.5	57881.57	600013	258.7921 ng/ml
Lamotrigine	4.232	228424	46316.60	80.5	3756.59	600013	220.5107 ng/ml
Lorazepam	5.722	1515279	3408.26	56.5	5188.23	125651	181.0937 ng/ml
MDA	3.130	3624742	70858.23	20.6	14310.01	356992	249.1860 ng/ml
MDMA	3.231	3086433	35737.17	67.0	75379.05	119444	255.3993 ng/ml
Meprobamate	4.869	735756	1941.82	25.8	506.58	182940	216.6121 ng/ml
Methadone	5.629	4519636	19146.85	50.7	38970.54	807909	249.4210 ng/ml

7-1-20  
OCC

OCC = outside curve range - 7-1-2020 TS

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# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	3497935	18477.06	41.7	4162.01	666849	267.3183 ng/ml
Metoprolol	4.278	634791	∞	97.2	17181.40	1508461	253.7835 ng/ml
Mirtazapine	4.575	5014604	2109692.19	47.6	24610.91	689326	250.7408 ng/ml
Mitragynine	5.181	873027	69603.56	39.7	28174.93	807909	254.8069 ng/ml
Morphine	1.200	177114	∞	24.3	1398.13	8133	248.2537 ng/ml
Norbuprenorphine	4.944	14814	254.76	82.7	475.09	25812	25.8776 ng/ml
Nordiazepam	5.882	1527946	∞	57.8	2652.70	195711	257.6478 ng/ml
Norfentanyl	4.037	642303	15263.55	37.4	2173.64	1070138	25.4343 ng/ml
Norhydrocodone	3.007	139790	158.13	42.3	3488.00	45302	279.1043 ng/ml
Noroxycodone	2.845	1209386	10503.12	48.9	3358.12	162202	254.0173 ng/ml
O-desmethyl-tramadol	3.317	8039976	340515.21	5.8	7430.24	1604583	258.1722 ng/ml
Oxazepam	5.732	1934301	∞	72.2	∞	486703	254.0030 ng/ml
Oxycodone	2.762	3134474	∞	30.9	3608.32	542407	253.7263 ng/ml
Oxymorphone	1.356	1132206	∞	46.1	∞	163165	256.0329 ng/ml
Phentermine	3.723	1082625	3463.78	3.3	4824.92	592504	264.6490 ng/ml
Promethazine	5.508	5275581	19047.92	29.8	1540.50	872154	253.6132 ng/ml
Quetiapine	5.525	2790729	140010.46	59.8	67975.02	143422	262.1401 ng/ml
Sertraline	5.758	1225338	30065.45	91.8	417.55	189864	253.3354 ng/ml
Temazepam	5.799	4753227	120804.22	29.1	3282.10	902199	245.6163 ng/ml
Tramadol	4.197	7261629	3903.41	3.2	2380.53	1508461	260.2450 ng/ml
Trazodone	5.093	3892058	852974.26	78.1	9023.36	660797	251.7126 ng/ml
Venlafaxine	4.994	6146232	3497.02	35.7	2307.63	1184836	260.0150 ng/ml
Zolpidem	4.858	7723822	225287.58	29.7	∞	1539473	258.9279 ng/ml







# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	6441209	13283.08	41.1	42179.95	362713	908.0035 ng/ml
Metoprolol	4.278	1492976	3987722.95	96.6	19389.99	1105782	814.8706 ng/ml
Mirtazapine	4.575	11677561	3905550.77	47.3	∞	452927	885.9343 ng/ml
Mitragynine	5.181	1409391	153960.95	38.8	58175.75	367264	905.5080 ng/ml
Morphine	1.200	555235	6693.54	24.1	5267.23	6428	985.2084 ng/ml
Norbuprenorphine	4.944	27709	1005.88	83.8	321.11	13092	95.7732 ng/ml
Nordiazepam	5.882	3470092	∞	57.6	2088.92	115048	995.9572 ng/ml
Norfentanyl	4.037	2023923	141015.96	37.2	10514.65	671326	127.6405 ng/ml
Norhydrocodone	3.007	441946	∞	41.8	1554.03	29718	1342.8075 ng/ml
Noroxycodone	2.845	2925699	5313.51	48.7	∞	95416	1044.9849 ng/ml
O-desmethyl-tramadol	3.317	22301687	406295.04	5.9	74200.91	1138743	1008.9939 ng/ml
Oxazepam	5.726	2470783	60703.89	74.4	11531.70	178910	883.9660 ng/ml
Oxycodone	2.762	9971740	∞	30.9	5390.50	464142	944.2290 ng/ml
Oxymorphone	1.356	3191754	∞	47.0	∞	120363	980.1747 ng/ml
Phentermine	3.723	2201044	14239.69	3.2	3556.45	369140	865.3887 ng/ml
Promethazine	5.508	8867467	9759.68	29.3	18565.16	360735	1029.4735 ng/ml
Quetiapine	5.525	6835715	518.60	59.5	2305.40	88485	1042.2065 ng/ml
Sertraline	5.765	1316626	76791.81	90.0	173229.13	49958	1034.6609 ng/ml
Temazepam	5.799	11989024	232664.94	27.6	106541.79	539931	1035.1895 ng/ml
Tramadol	4.190	18163132	4927.46	3.3	5736.63	1105782	889.4507 ng/ml
Trazodone	5.093	9703267	379480.66	77.4	610404.72	412265	1007.4361 ng/ml
Venlafaxine	4.994	16285882	8805.16	35.3	238329.72	758112	1074.9693 ng/ml
Zolpidem	4.858	21284887	214786.93	30.6	202592.07	1281780	858.7036 ng/ml

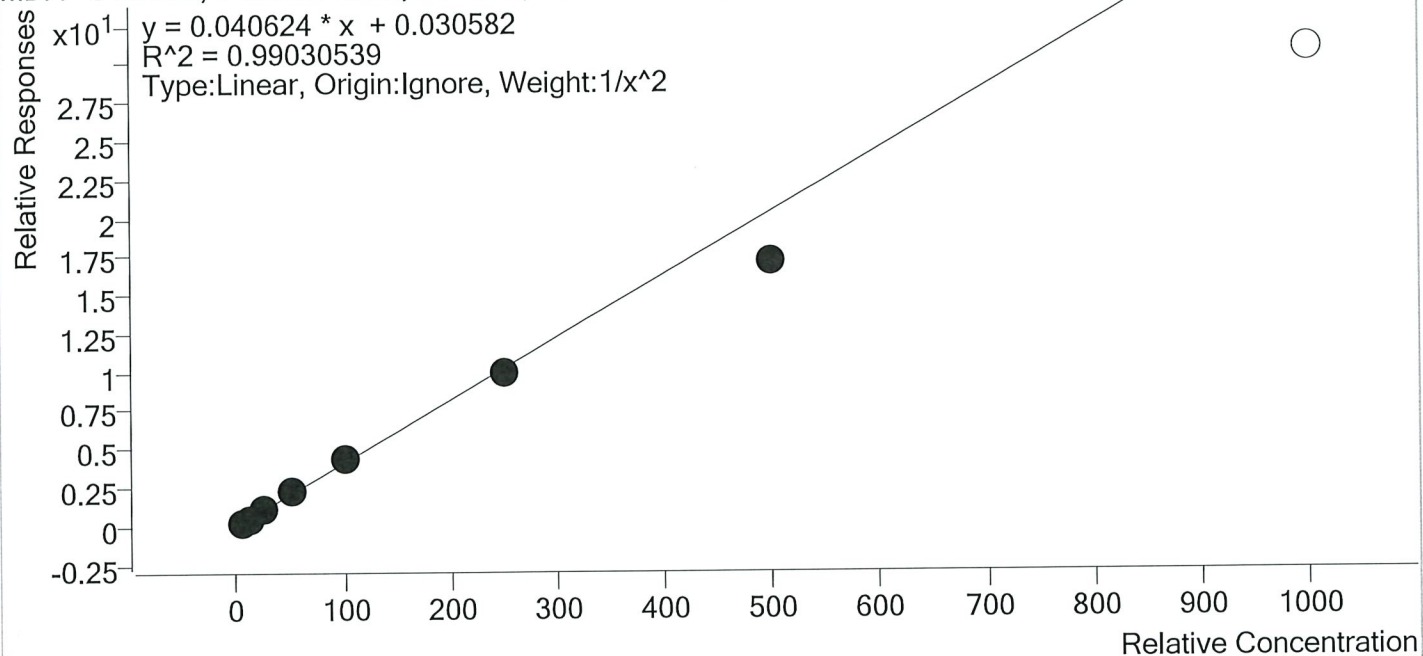
TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte MDA Internal Standard MDA-D5

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

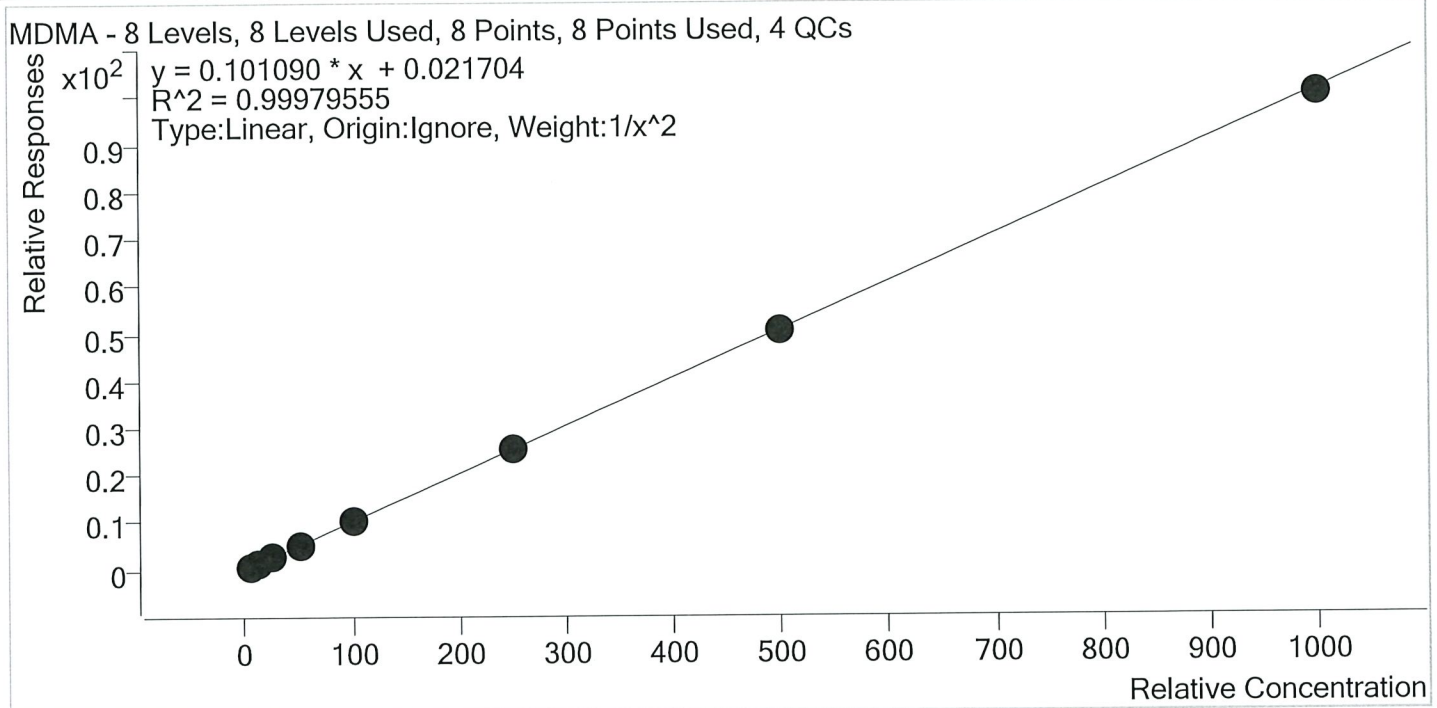


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
TS p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
TS p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
TS p1 Cal 4-50ng	4	✓	50.0	54.5	108.9
TS p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
TS p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
TS p1 Cal 7-500ng	7	✓	500.0	420.9	84.2
TS p1 Cal 8-1000ng	8	×	1000.0	756.7	75.7



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** MDMA **Internal Standard** **MDMA-D6**



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1_Cal_1-5ng	1	✓	5.0	5.0	99.7
TS_p1_Cal_2-10ng	2	✓	10.0	10.1	101.0
TS_p1_Cal_3-25ng	3	✓	25.0	24.5	97.9
TS_p1_Cal_4-50ng	4	✓	50.0	50.9	101.7
TS_p1_Cal_5-100ng	5	✓	100.0	100.5	100.5
TS_p1_Cal_6-250ng	6	✓	250.0	252.1	100.9
TS_p1_Cal_7-500ng	7	✓	500.0	496.1	99.2
TS_p1_Cal_8-1000ng	8	✓	1000.0	991.3	99.1

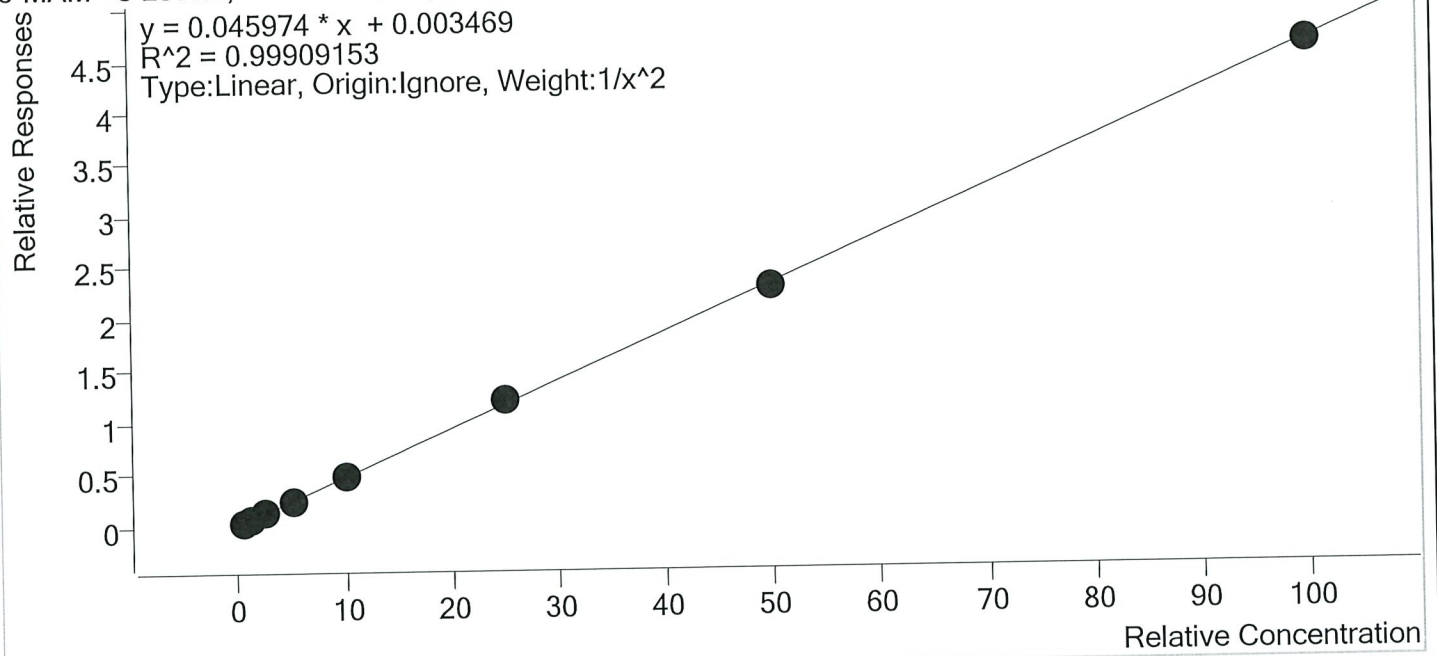
TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte 6-MAM Internal Standard 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
TS p1 Cal 2- 10ng	2	✓	1.0	1.0	97.5
TS p1 Cal 3 -25ng	3	✓	2.5	2.4	95.7
TS p1 Cal 4-50ng	4	✓	5.0	5.1	102.7
TS p1 Cal 5-100ng	5	✓	10.0	10.1	100.6
TS p1 Cal 6-250ng	6	✓	25.0	25.8	103.3
TS p1 Cal 7-500ng	7	✓	50.0	49.5	99.0
TS p1 Cal 8-1000ng	8	✓	100.0	99.6	99.6



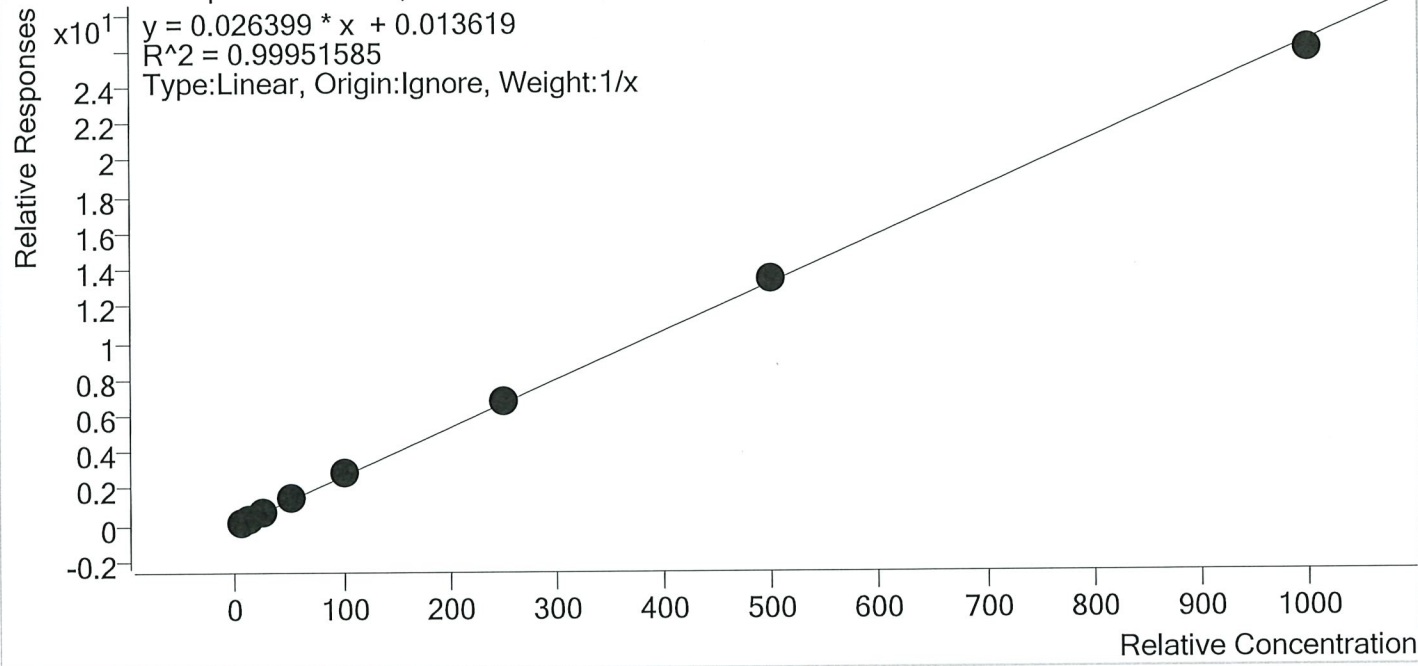
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 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
TS p1 Cal 1-5ng	1	✓	5.0	4.6	91.9
TS p1 Cal 2- 10ng	2	✓	10.0	9.7	97.1
TS p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
TS p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
TS p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
TS p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
TS p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
TS p1 Cal 8-1000ng	8	✓	1000.0	982.3	98.2

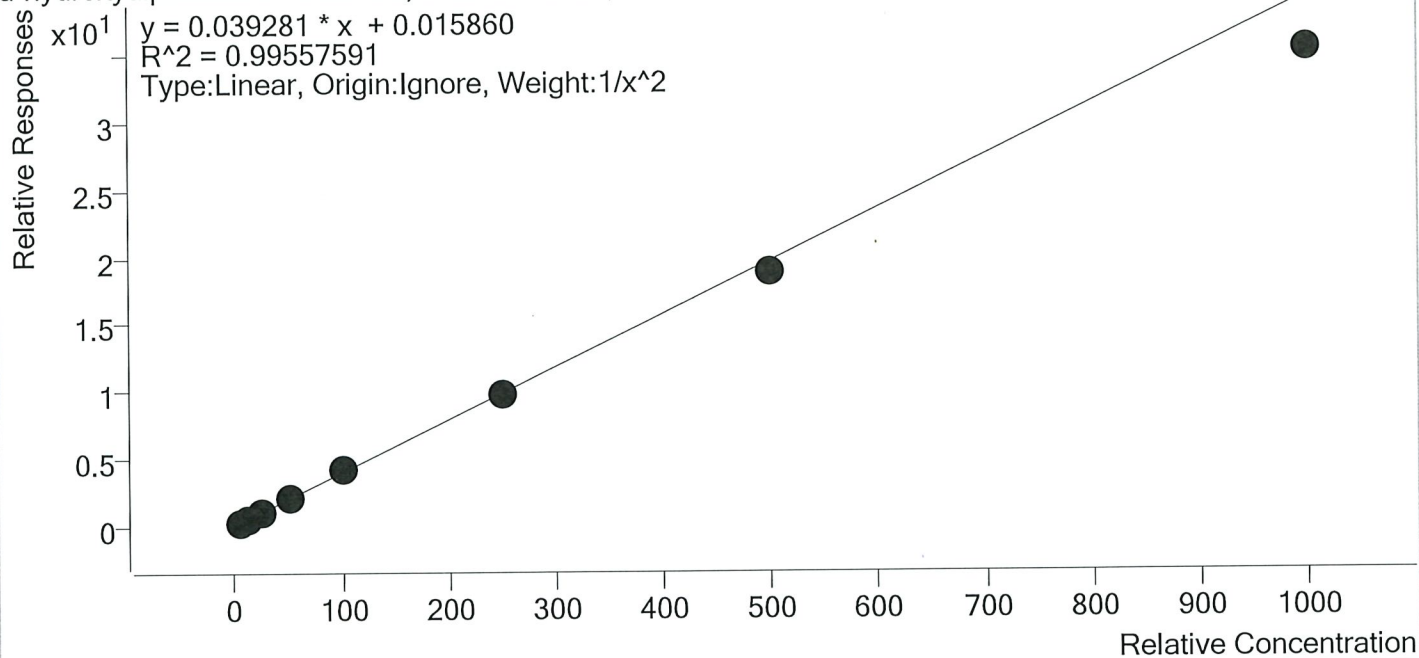




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

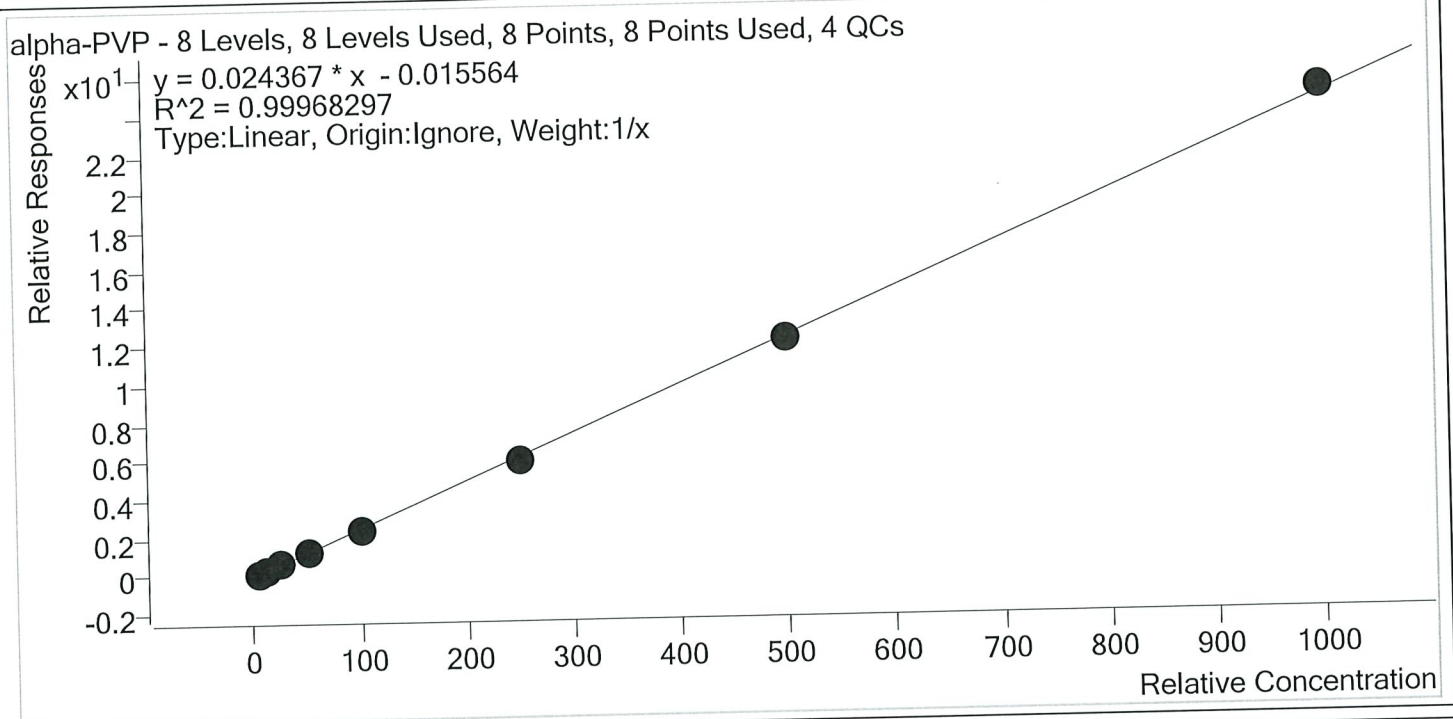


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
TS p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
TS p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
TS p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
TS p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
TS p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
TS p1 Cal 7-500ng	7	✓	500.0	478.1	95.6
TS p1 Cal 8-1000ng	8	✓	1000.0	898.9	89.9



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte alpha-PVP Internal Standard alpha-PVP-d8

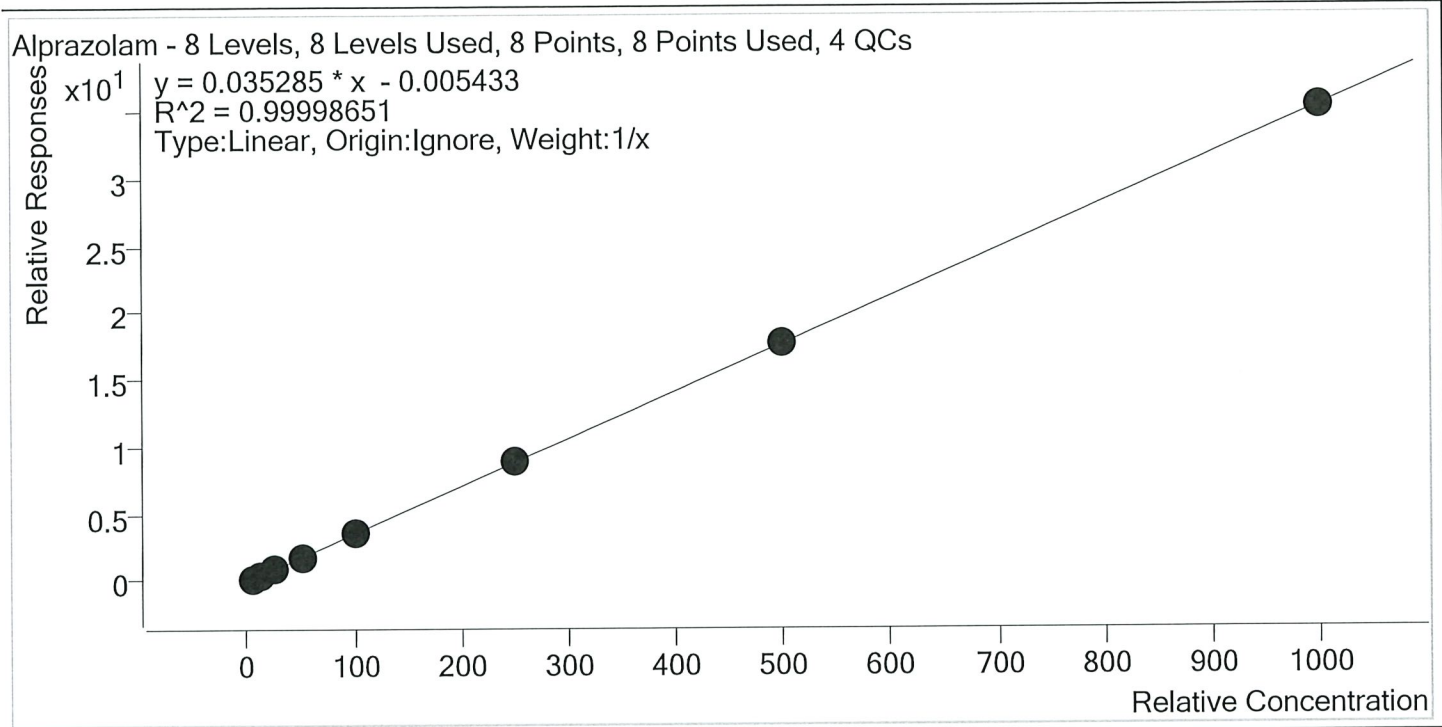


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.5	110.6
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
TS p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
TS p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
TS p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
TS p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
TS p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
TS p1 Cal 8-1000ng	8	✓	1000.0	1013.4	101.3



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5



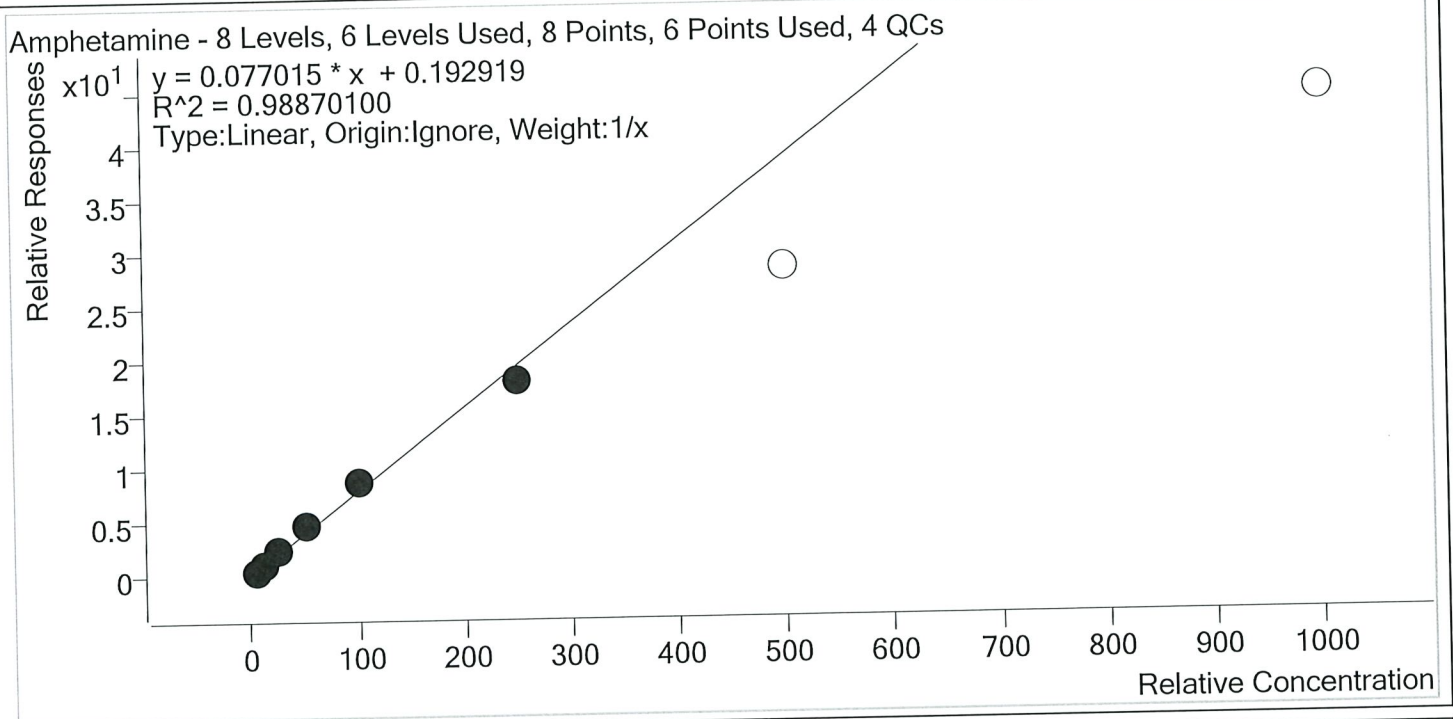
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
TS p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
TS p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
TS p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
TS p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
TS p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
TS p1 Cal 7-500ng	7	✓	500.0	499.9	100.0
TS p1 Cal 8-1000ng	8	✓	1000.0	999.3	99.9

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Amphetamine Internal Standard Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	3.8	75.1
TS p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
TS p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
TS p1 Cal 4-50ng	4	✓	50.0	57.8	115.6
TS p1 Cal 5-100ng	5	✓	100.0	109.5	109.5
TS p1 Cal 6-250ng	6	✓	250.0	231.9	92.8
TS p1 Cal 7-500ng	7	×	500.0	364.5	72.9
TS p1 Cal 8-1000ng	8	×	1000.0	572.5	57.2

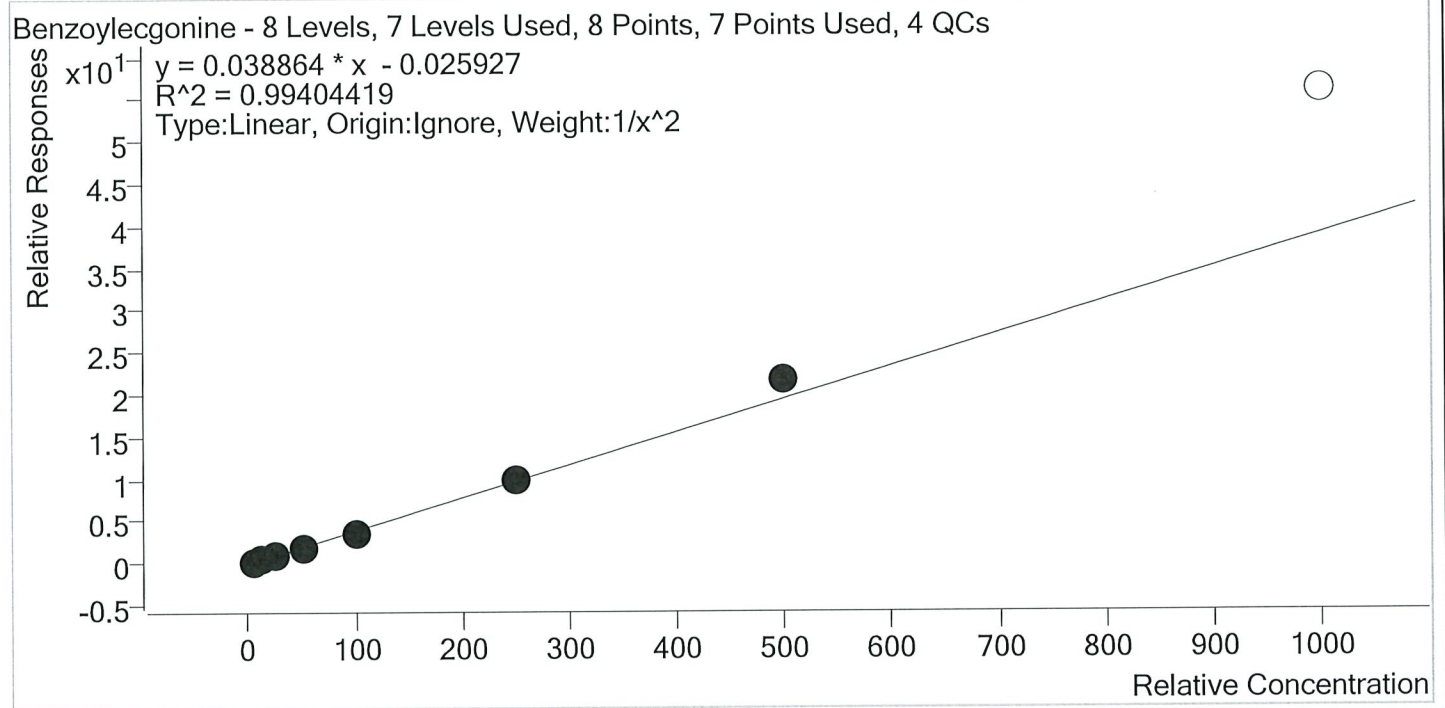


TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Benzoylcegonine **Internal Standard** Benzoylcegonine-d8



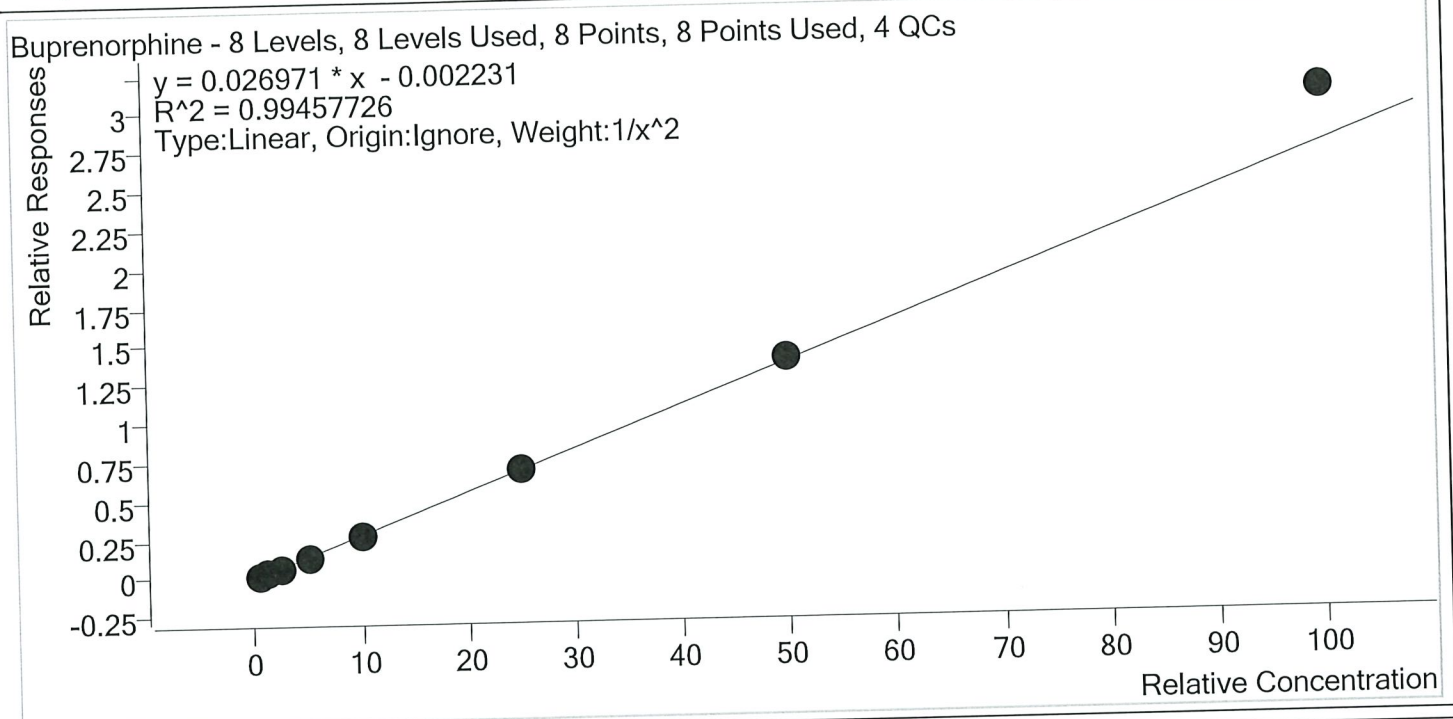
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
TS p1 Cal 2- 10ng	2	✓	10.0	9.5	95.4
TS p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
TS p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
TS p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
TS p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
TS p1 Cal 7-500ng	7	✓	500.0	564.7	112.9
TS p1 Cal 8-1000ng	8	×	1000.0	1440.5	144.0





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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Buprenorphine Internal Standard Buprenorphine-D4



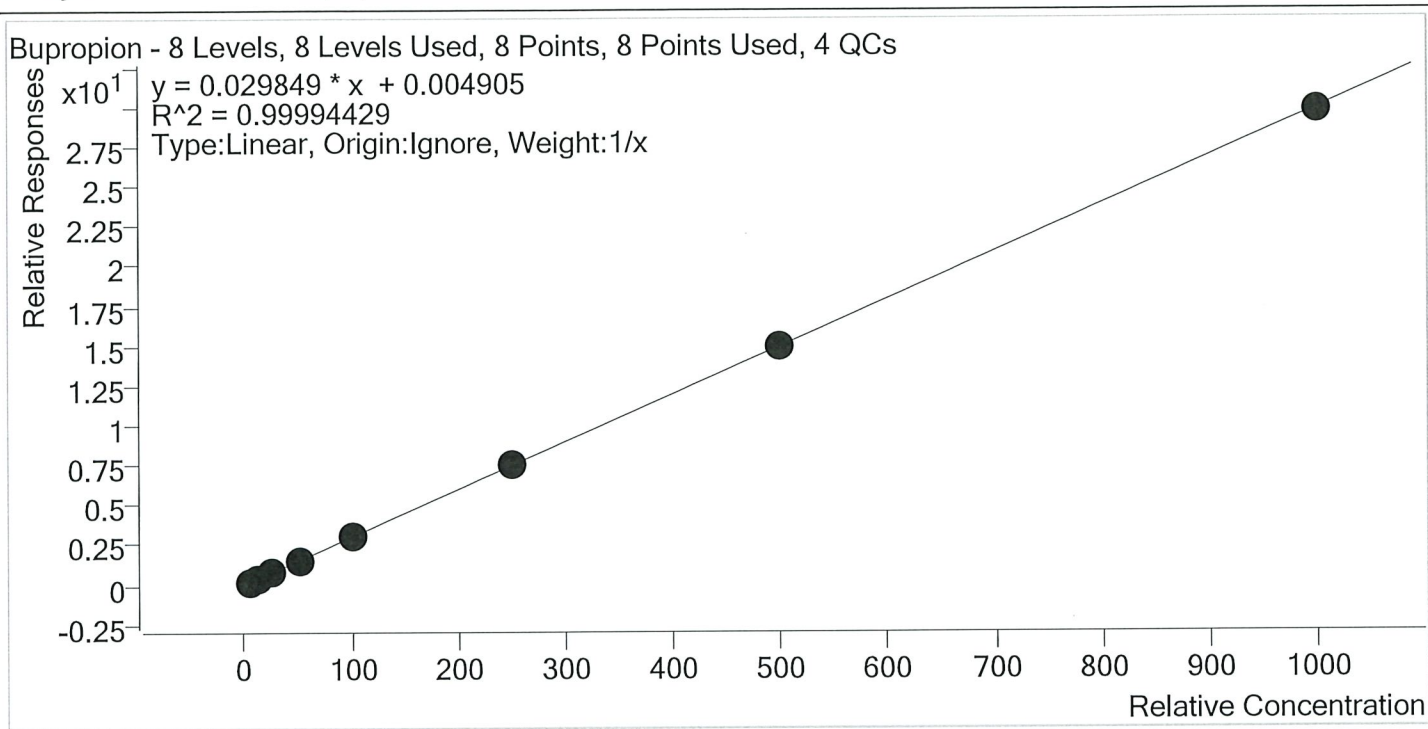
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	0.5	0.5	103.6
TS p1 Cal 2- 10ng	2	✓	1.0	1.0	96.9
TS p1 Cal 3 -25ng	3	✓	2.5	2.3	92.6
TS p1 Cal 4-50ng	4	✓	5.0	4.7	94.9
TS p1 Cal 5-100ng	5	✓	10.0	9.8	97.8
TS p1 Cal 6-250ng	6	✓	25.0	24.8	99.2
TS p1 Cal 7-500ng	7	✓	50.0	50.9	101.8
TS p1 Cal 8-1000ng	8	✓	100.0	113.2	113.2

TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9

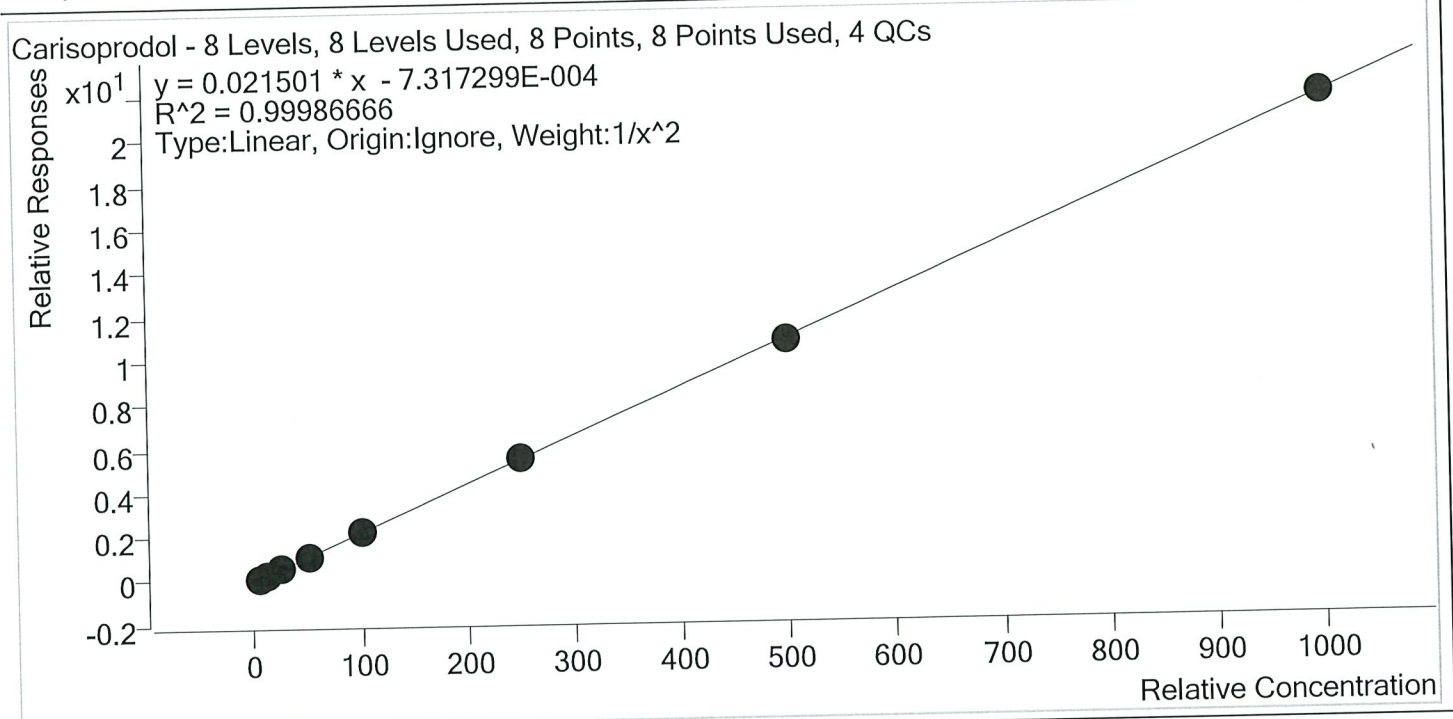


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
TS p1 Cal 2- 10ng	2	✓	10.0	9.6	96.3
TS p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
TS p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
TS p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
TS p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
TS p1 Cal 7-500ng	7	✓	500.0	500.5	100.1
TS p1 Cal 8-1000ng	8	✓	1000.0	995.6	99.6



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
TS p1 Cal 2- 10ng	2	✓	10.0	10.2	101.7
TS p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
TS p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
TS p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
TS p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
TS p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
TS p1 Cal 8-1000ng	8	✓	1000.0	1000.5	100.1

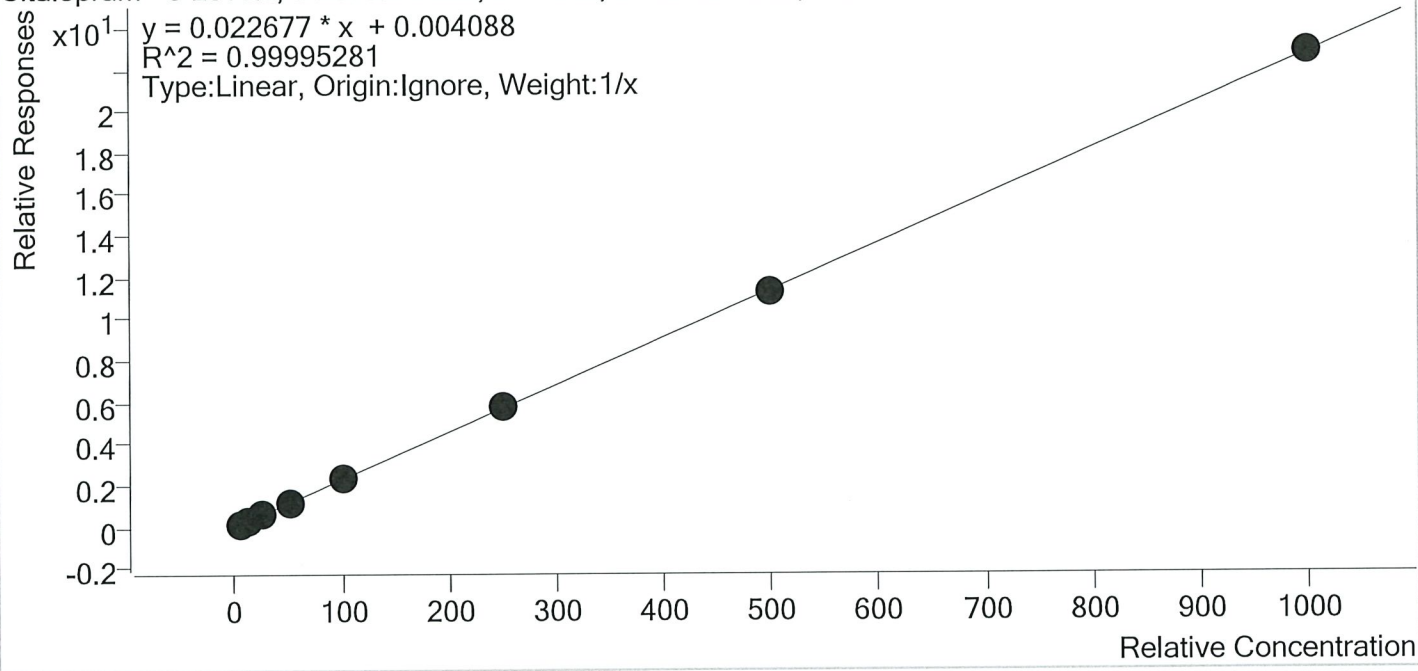
TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 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
TS p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
TS p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
TS p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
TS p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
TS p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
TS p1 Cal 6-250ng	6	✓	250.0	250.6	100.3
TS p1 Cal 7-500ng	7	✓	500.0	496.5	99.3
TS p1 Cal 8-1000ng	8	✓	1000.0	1003.4	100.3

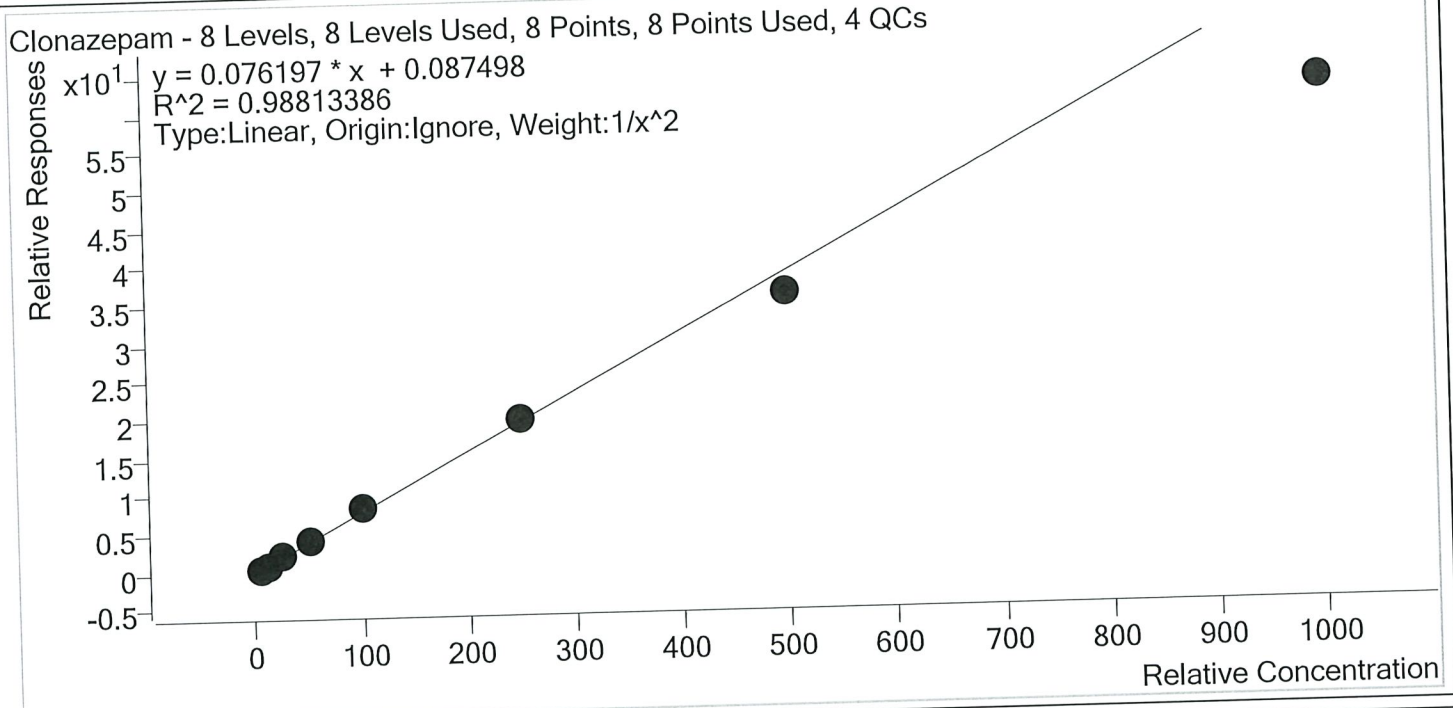


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Clonazepam Internal Standard Clonazepam-D4



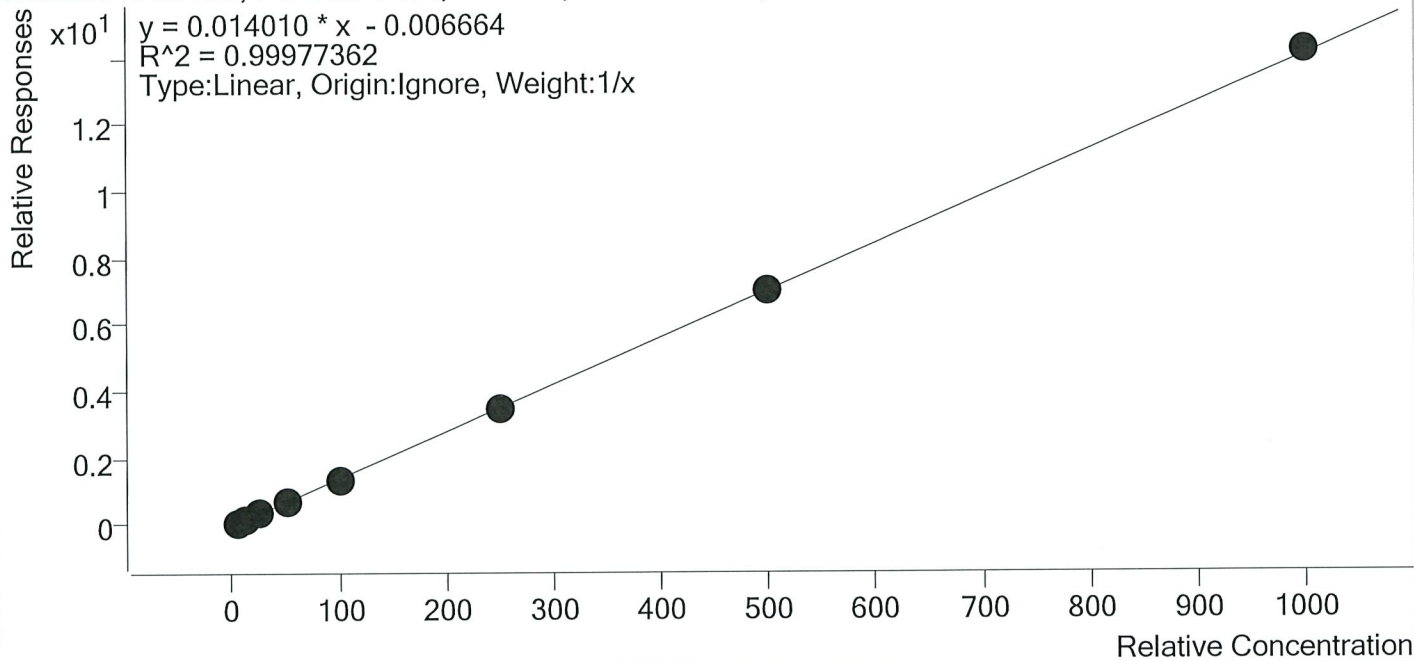
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
TS p1 Cal 2- 10ng	2	✓	10.0	10.5	104.7
TS p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
TS p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
TS p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
TS p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
TS p1 Cal 7-500ng	7	✓	500.0	465.1	93.0
TS p1 Cal 8-1000ng	8	✓	1000.0	813.1	81.3



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-d3

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



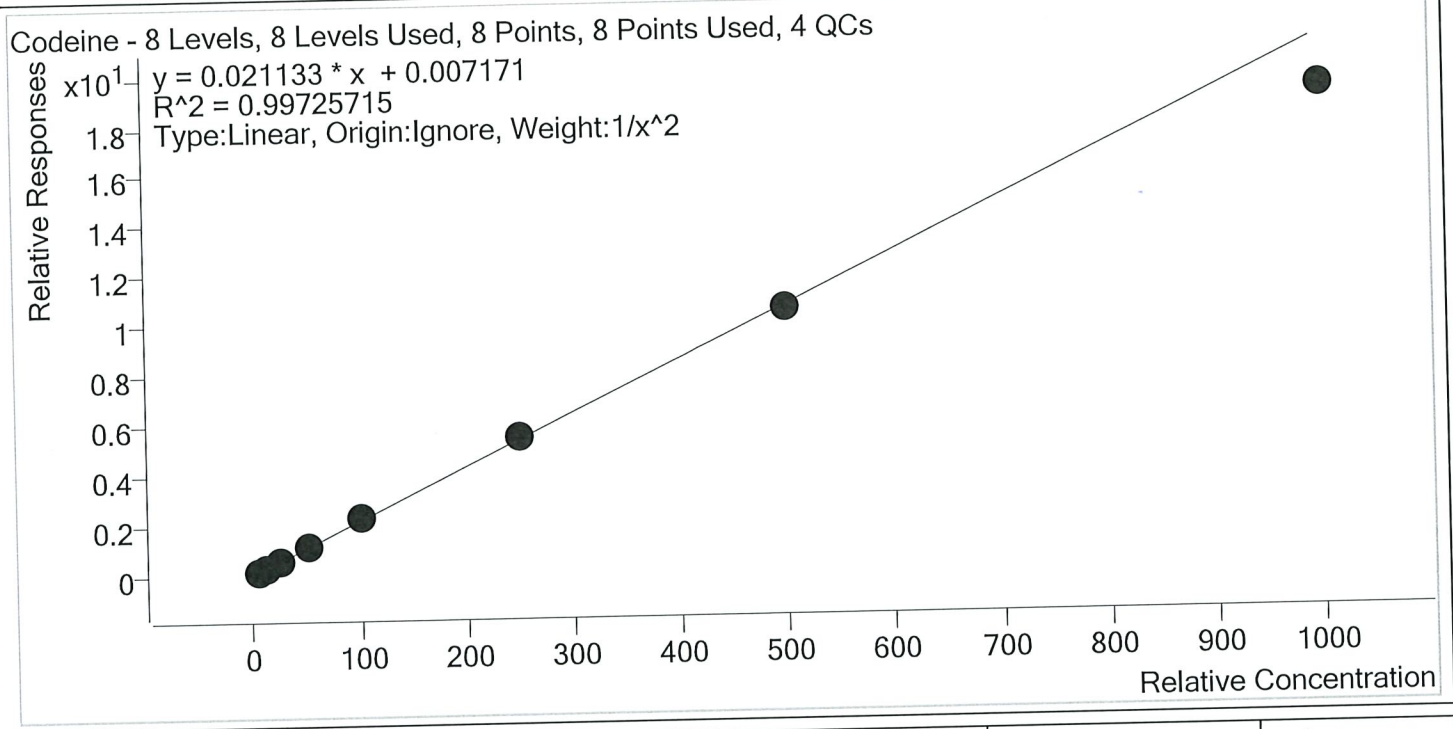
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.4	107.8
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
TS p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
TS p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
TS p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
TS p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
TS p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
TS p1 Cal 8-1000ng	8	✓	1000.0	1010.3	101.0

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Codeine Internal Standard Codeine-D6



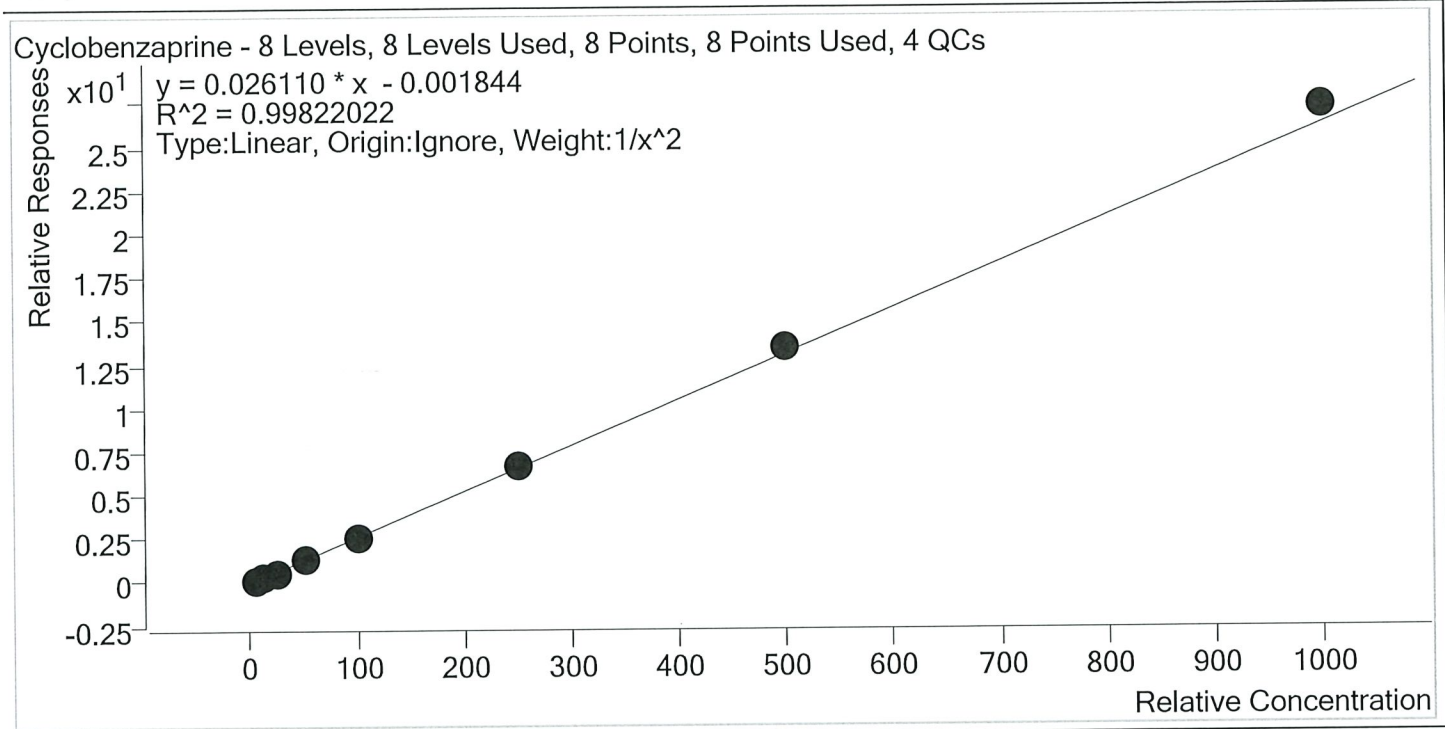
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
TS p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
TS p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
TS p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
TS p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
TS p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
TS p1 Cal 7-500ng	7	✓	500.0	494.4	98.9
TS p1 Cal 8-1000ng	8	✓	1000.0	901.6	90.2

TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
TS p1 Cal 2- 10ng	2	✓	10.0	9.7	96.9
TS p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
TS p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
TS p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
TS p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
TS p1 Cal 7-500ng	7	✓	500.0	515.3	103.1
TS p1 Cal 8-1000ng	8	✓	1000.0	1039.8	104.0

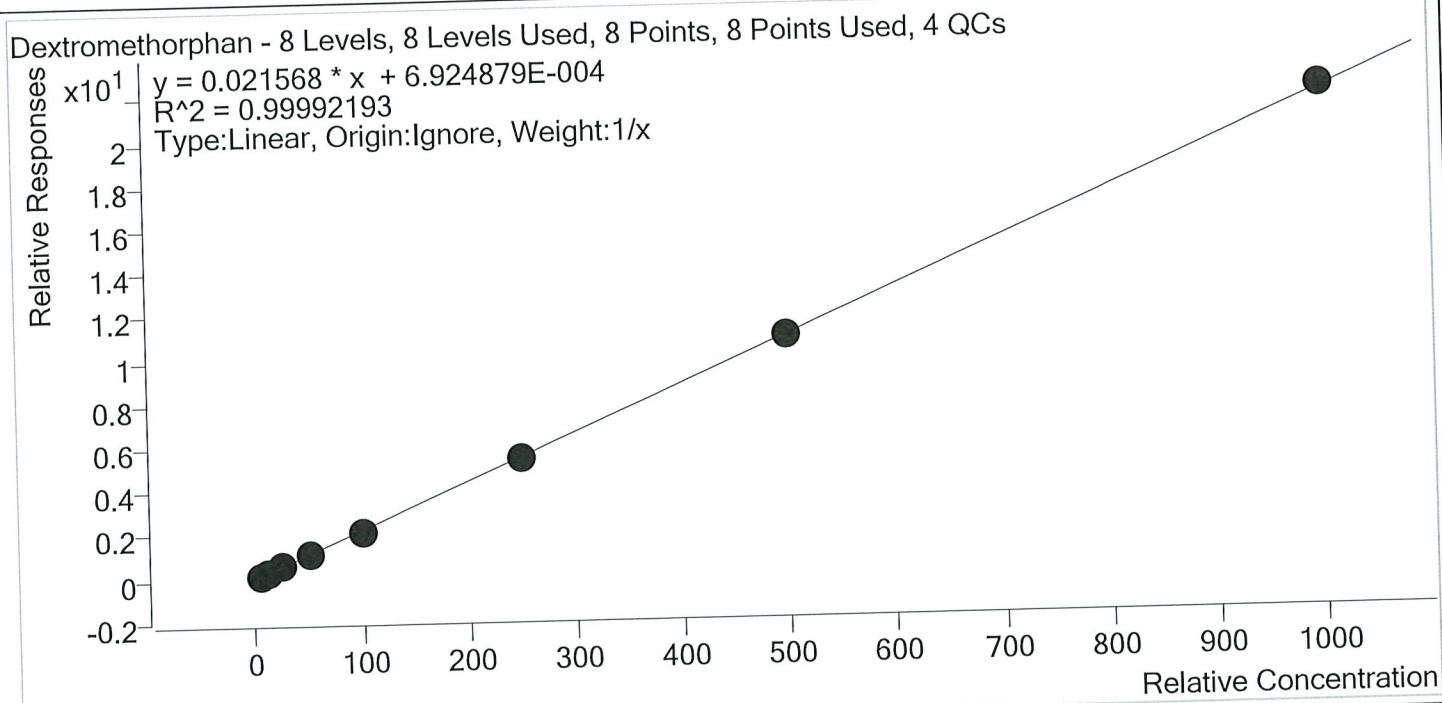


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Dextromethorphan Internal Standard Dextromethorphan-D3



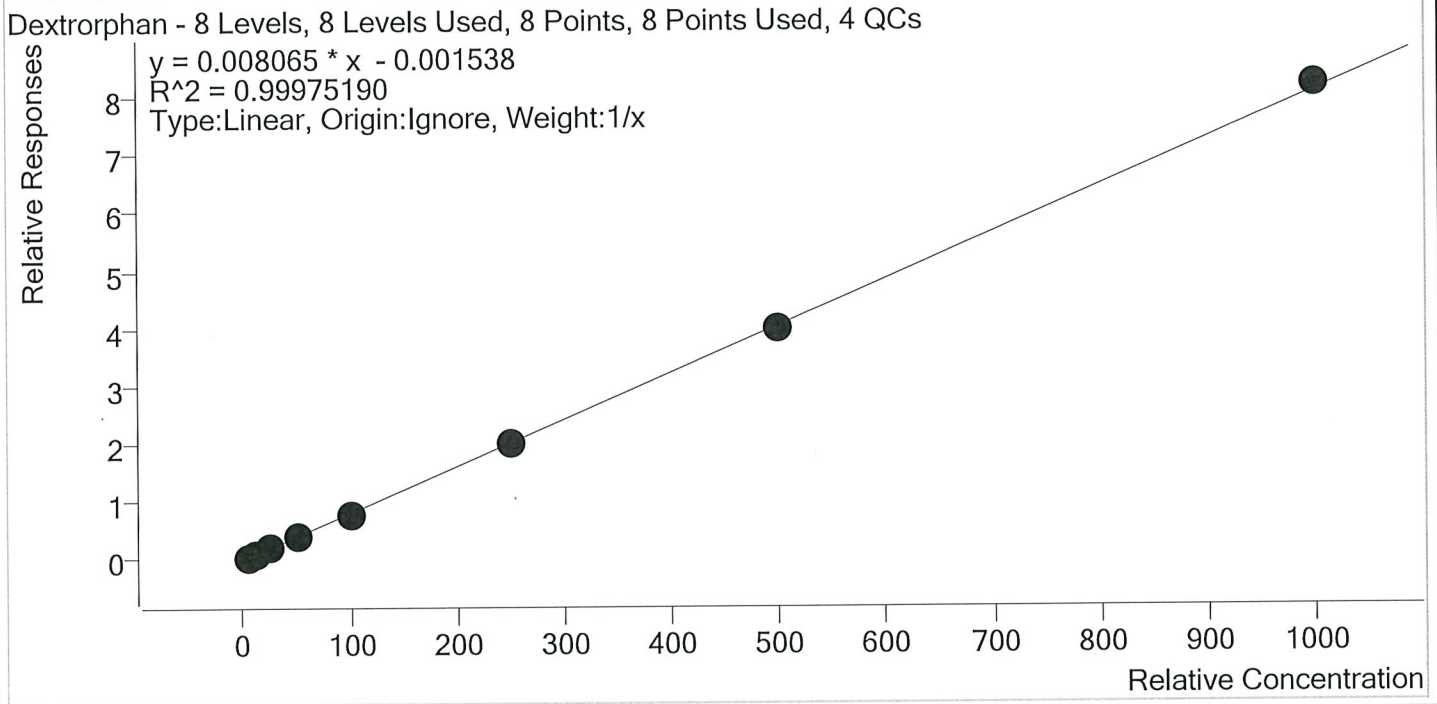
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
TS p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
TS p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
TS p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
TS p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
TS p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
TS p1 Cal 8-1000ng	8	✓	1000.0	1006.9	100.7

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Dextrophan Internal Standard Dextrophan-D3



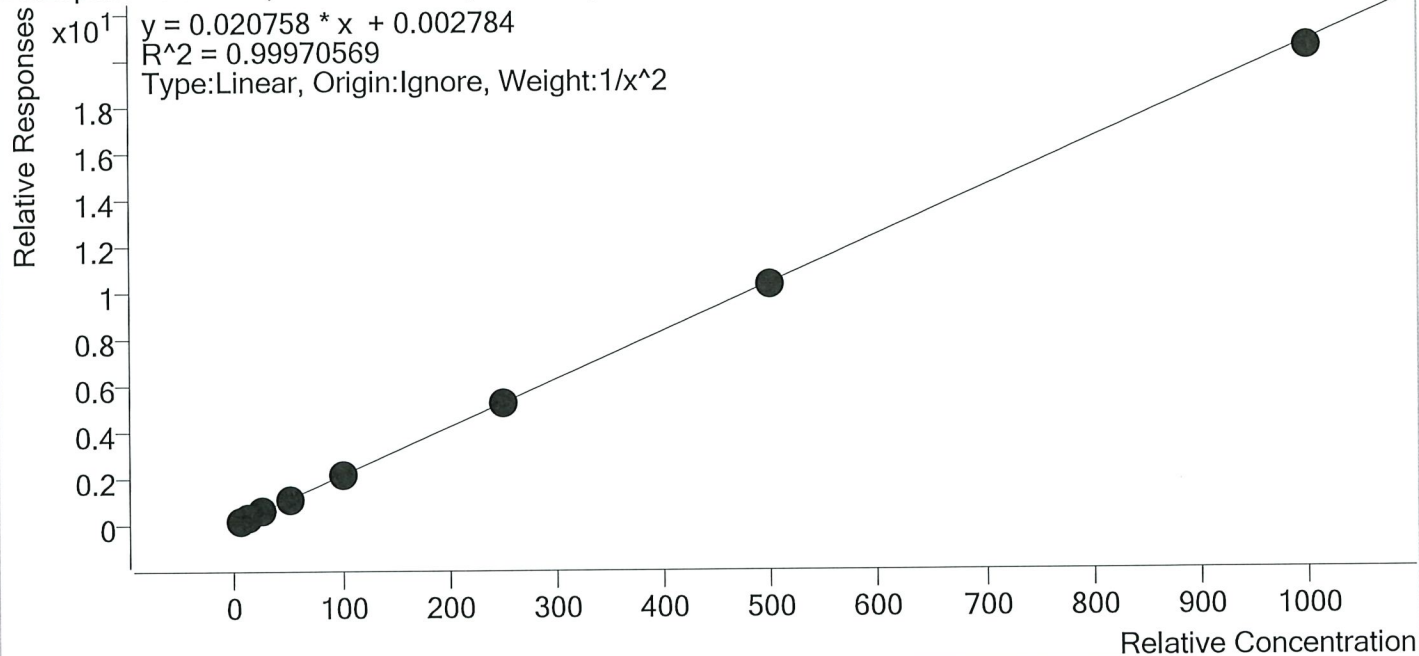
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
TS p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
TS p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
TS p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
TS p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
TS p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
TS p1 Cal 7-500ng	7	✓	500.0	490.6	98.1
TS p1 Cal 8-1000ng	8	✓	1000.0	1013.7	101.4



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5

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



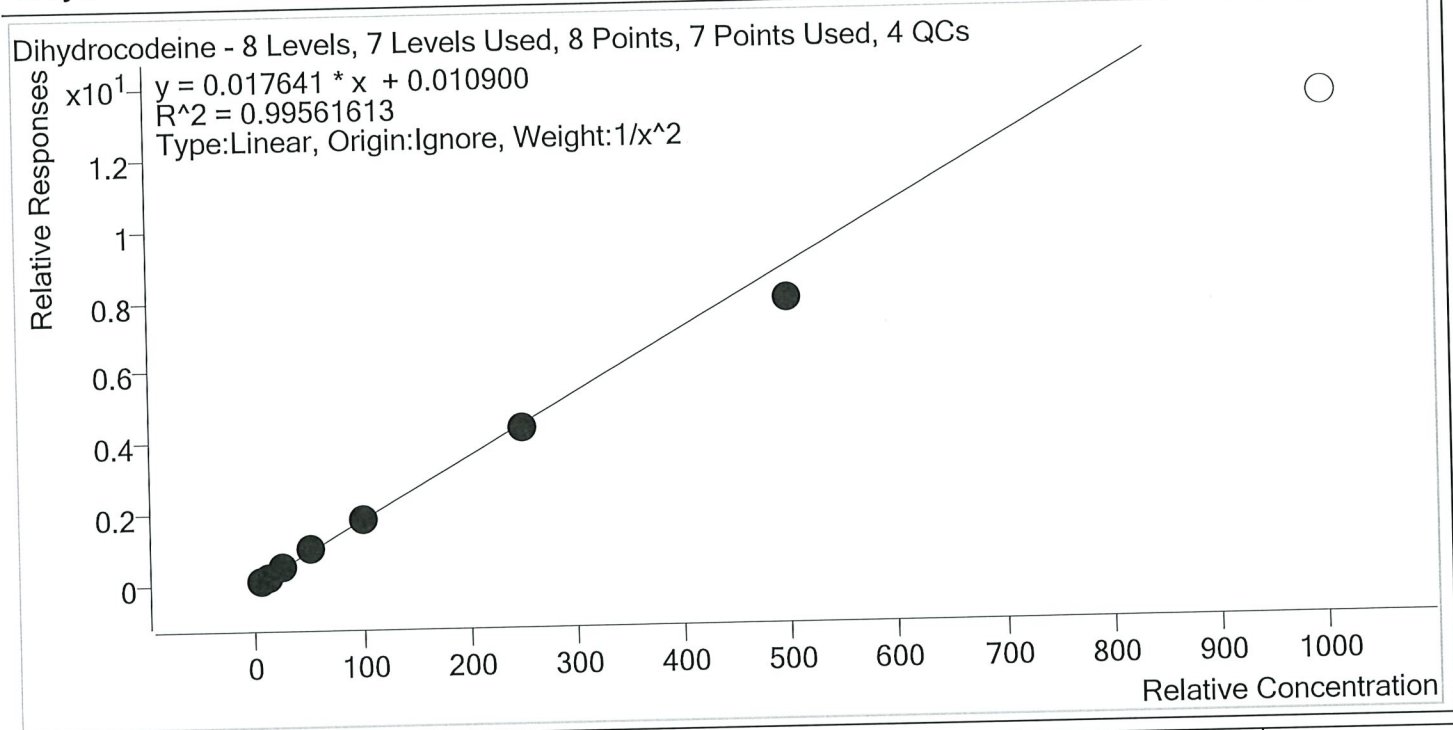
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
TS p1 Cal 2- 10ng	2	✓	10.0	9.9	99.4
TS p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
TS p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
TS p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
TS p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
TS p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
TS p1 Cal 8-1000ng	8	✓	1000.0	986.8	98.7

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Dihydrocodeine Internal Standard Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
TS p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
TS p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
TS p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
TS p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
TS p1 Cal 6-250ng	6	✓	250.0	243.6	97.5
TS p1 Cal 7-500ng	7	✓	500.0	447.9	89.6
TS p1 Cal 8-1000ng	8	×	1000.0	760.1	76.0

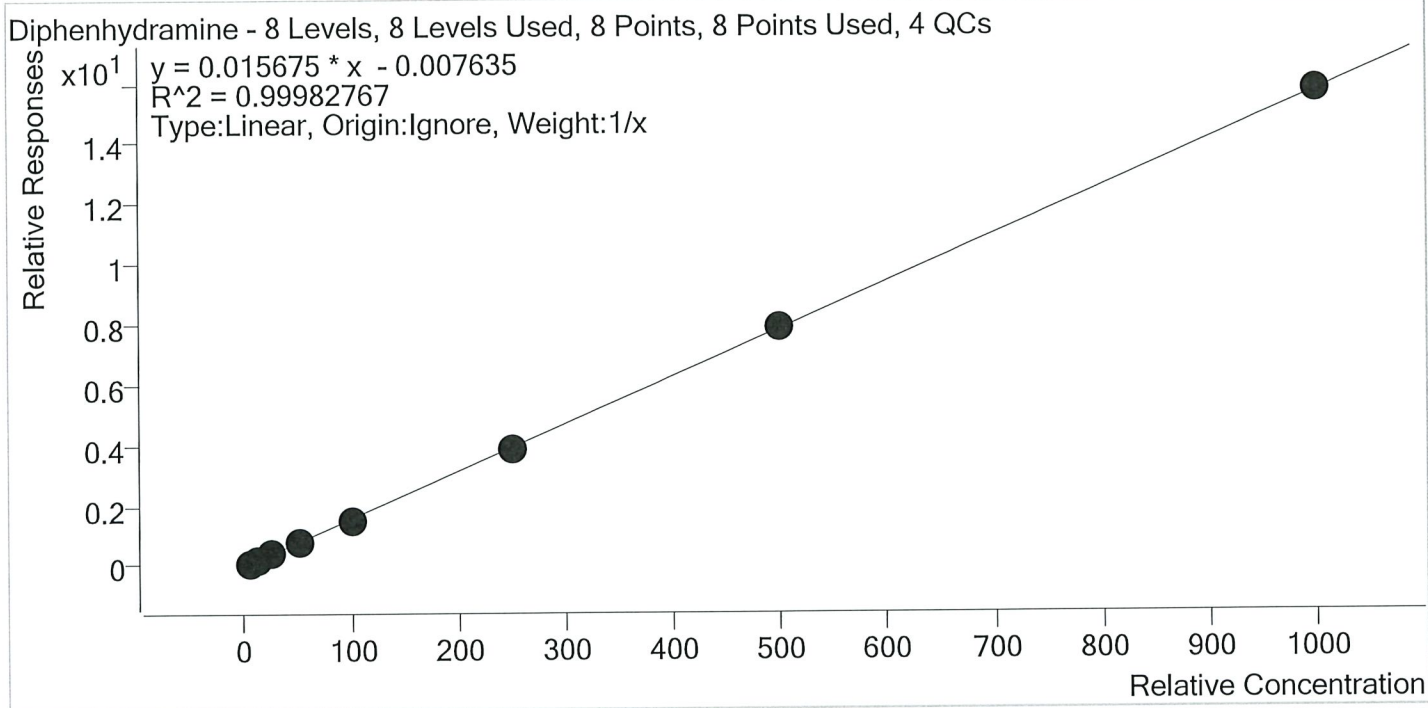


15



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

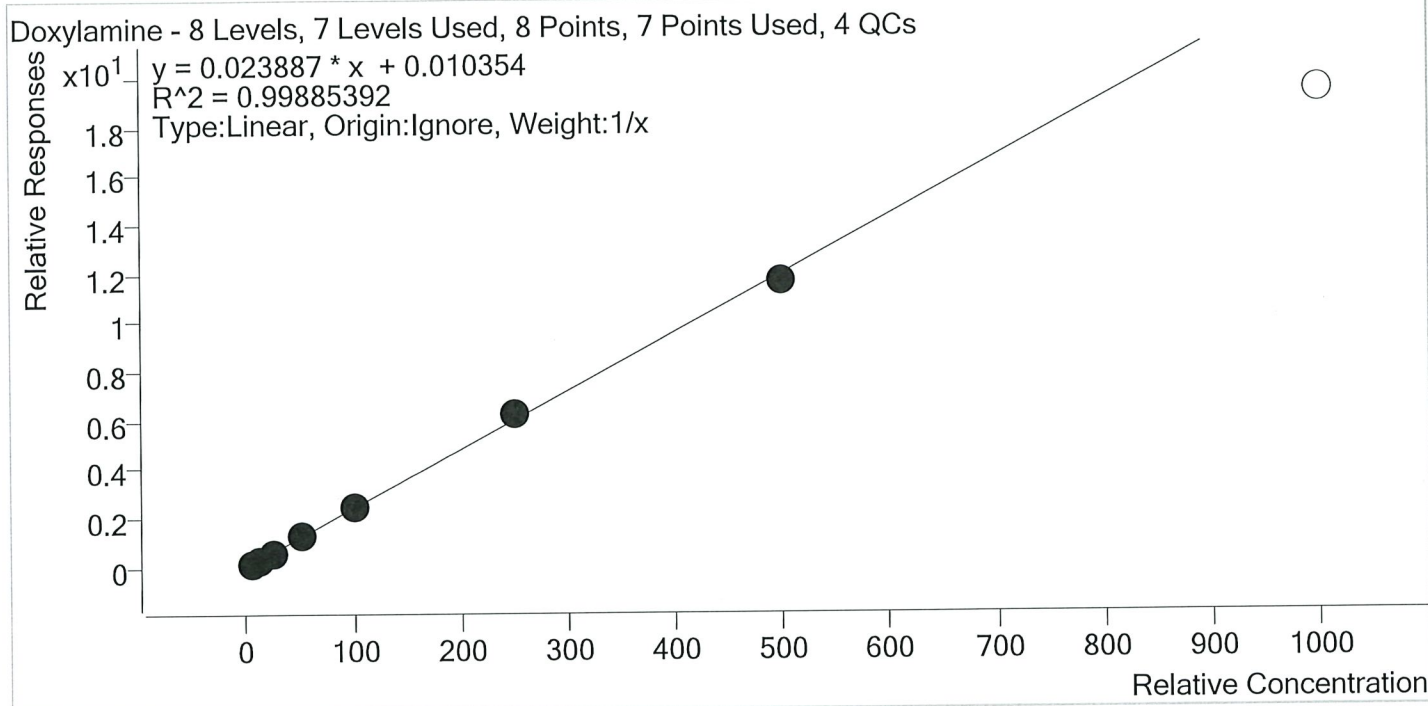


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.4	108.0
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
TS p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
TS p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
TS p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
TS p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
TS p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
TS p1 Cal 8-1000ng	8	✓	1000.0	1002.1	100.2



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5



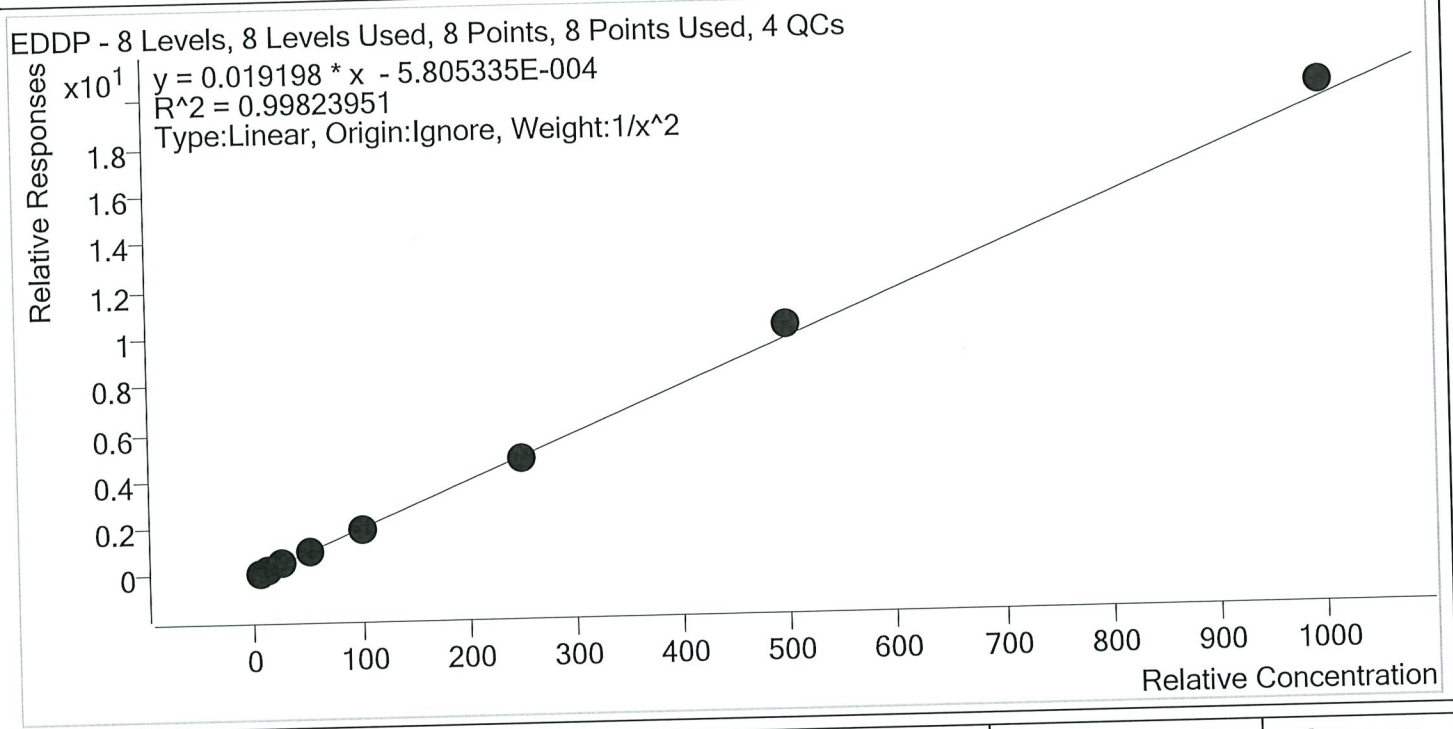
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
TS p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
TS p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
TS p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
TS p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
TS p1 Cal 6-250ng	6	✓	250.0	259.9	104.0
TS p1 Cal 7-500ng	7	✓	500.0	486.4	97.3
TS p1 Cal 8-1000ng	8	×	1000.0	811.0	81.1

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte EDDP Internal Standard EDDP-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
TS p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
TS p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
TS p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
TS p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
TS p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
TS p1 Cal 8-1000ng	8	✓	1000.0	1036.3	103.6

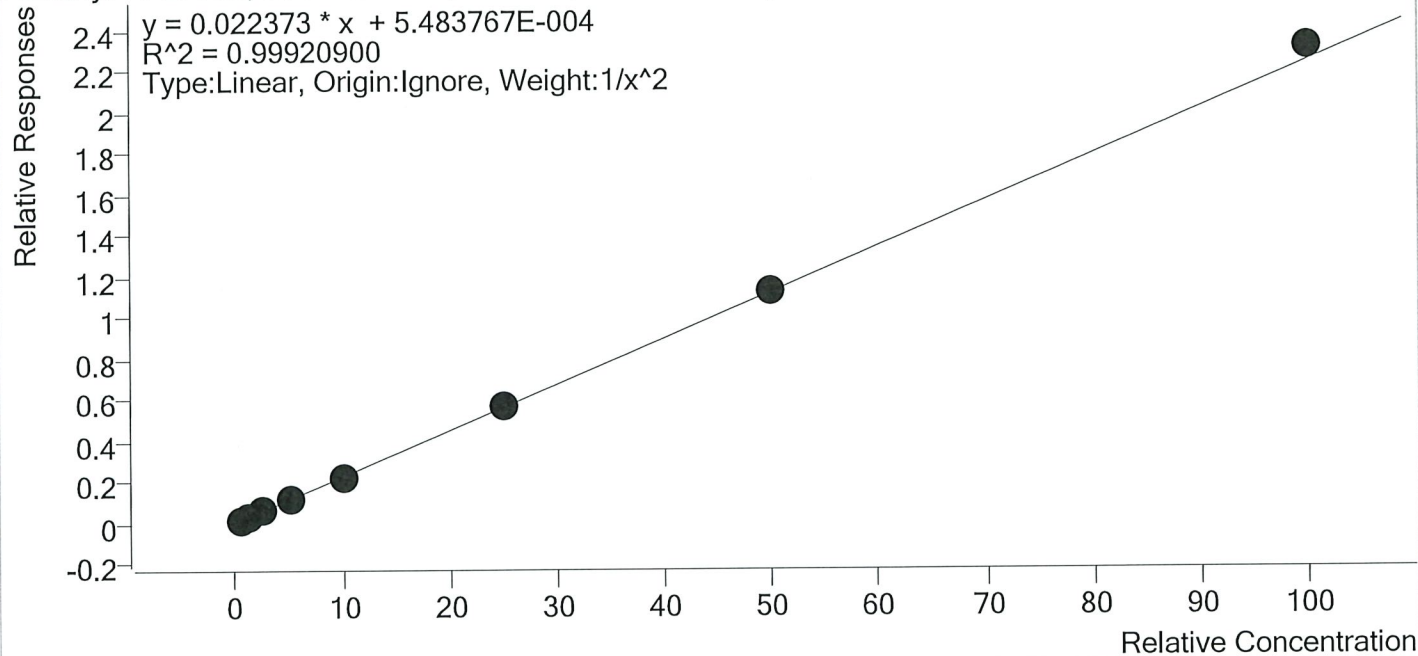




# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

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



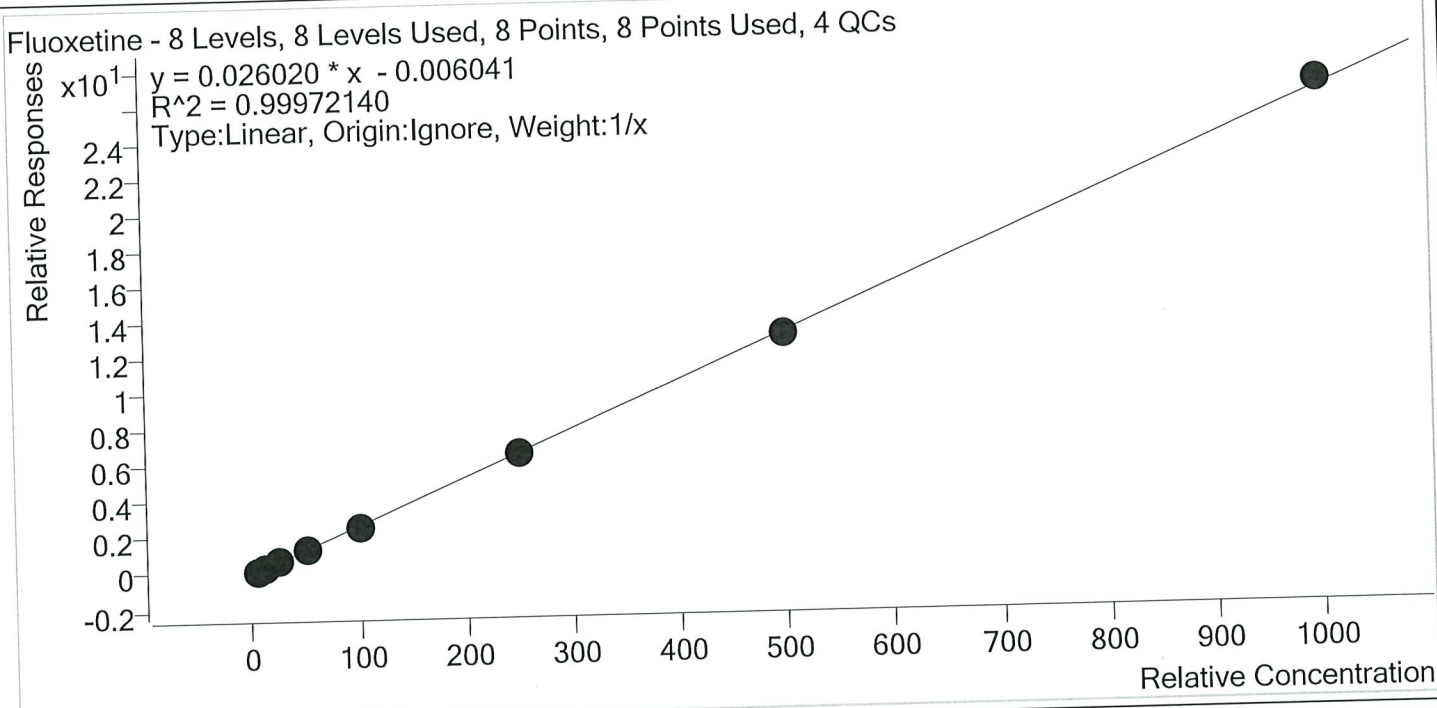
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	0.5	0.5	102.4
TS p1 Cal 2- 10ng	2	✓	1.0	1.0	96.7
TS p1 Cal 3 -25ng	3	✓	2.5	2.4	96.8
TS p1 Cal 4-50ng	4	✓	5.0	4.9	98.4
TS p1 Cal 5-100ng	5	✓	10.0	10.1	100.8
TS p1 Cal 6-250ng	6	✓	25.0	25.2	100.7
TS p1 Cal 7-500ng	7	✓	50.0	50.5	101.0
TS p1 Cal 8-1000ng	8	✓	100.0	103.2	103.2

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Fluoxetine Internal Standard Fluoxetine-D6



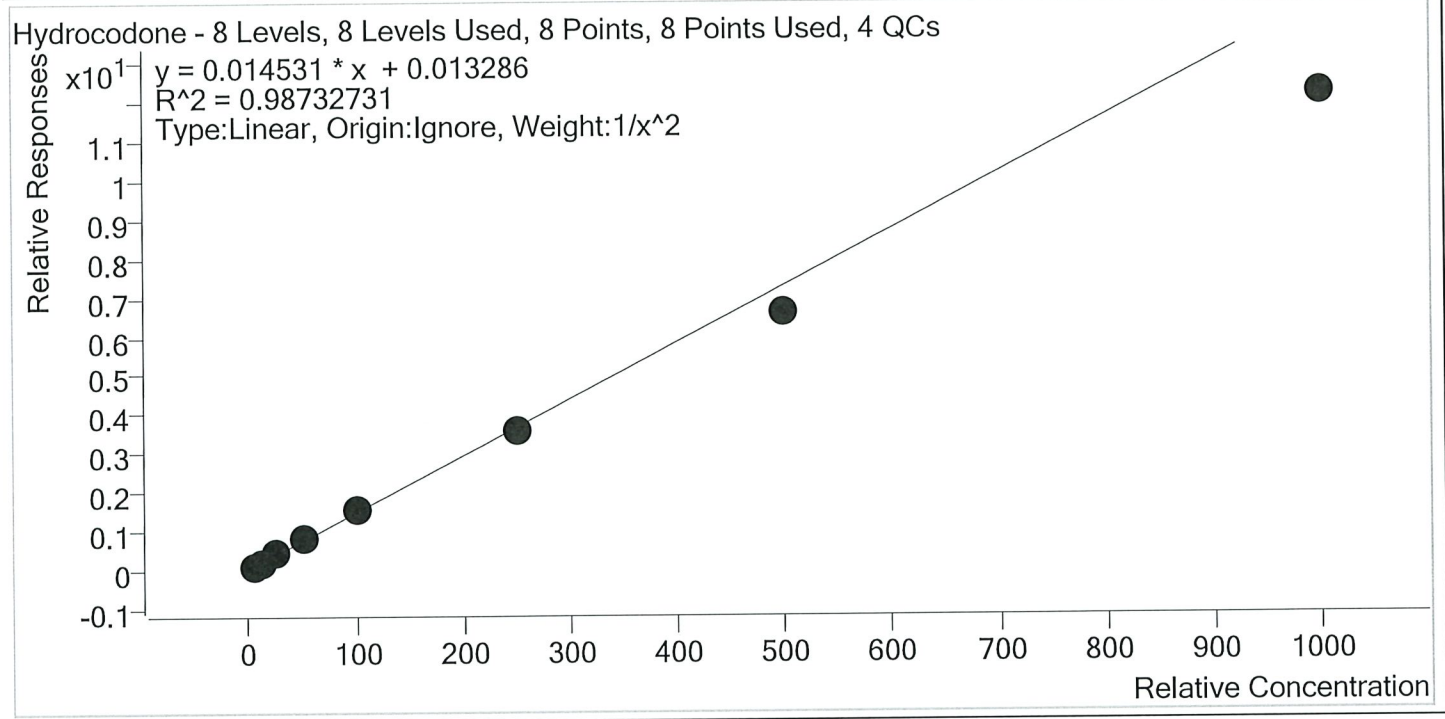
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
TS p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
TS p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
TS p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
TS p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
TS p1 Cal 7-500ng	7	✓	500.0	491.1	98.2
TS p1 Cal 8-1000ng	8	✓	1000.0	1014.4	101.4

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Hydrocodone Internal Standard Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.7	93.8
TS p1 Cal 2- 10ng	2	✓	10.0	10.7	106.6
TS p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
TS p1 Cal 4-50ng	4	✓	50.0	56.1	112.2
TS p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
TS p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
TS p1 Cal 7-500ng	7	✓	500.0	454.7	90.9
TS p1 Cal 8-1000ng	8	✓	1000.0	838.3	83.8

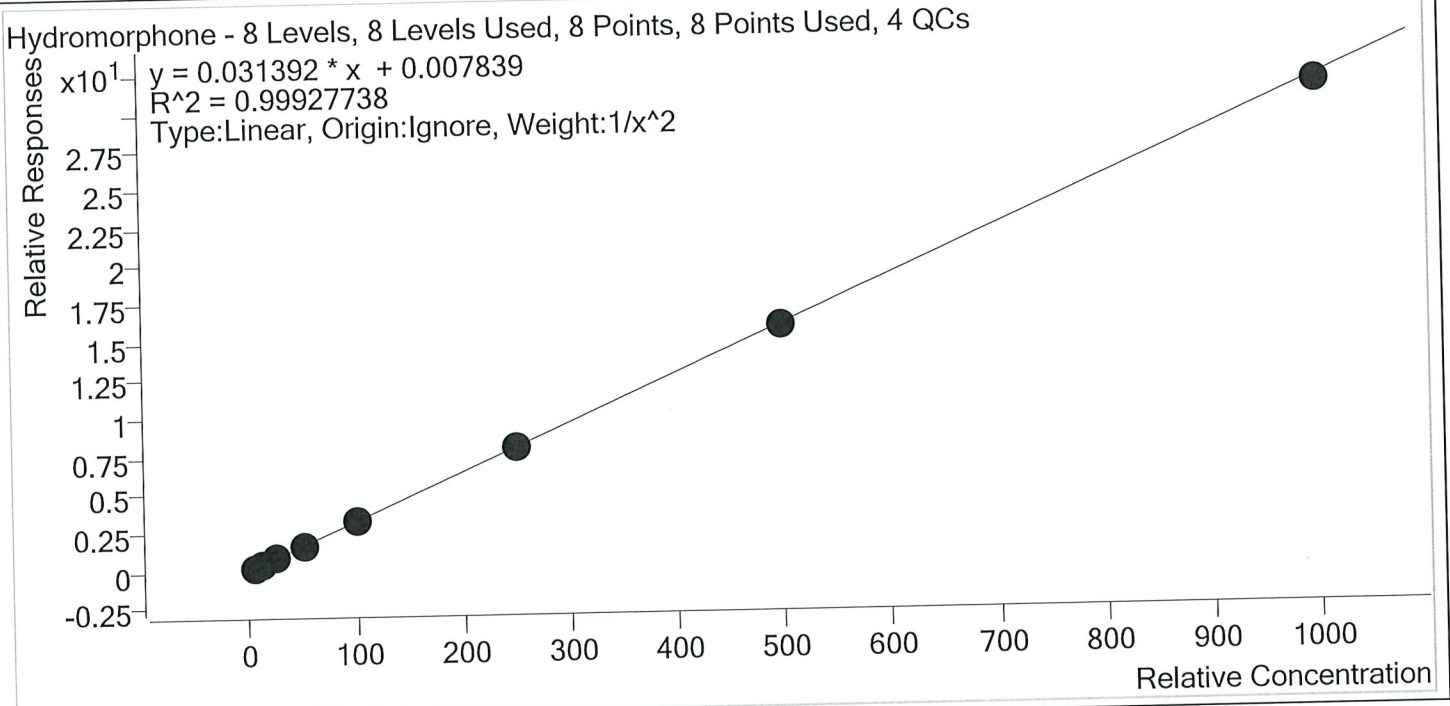


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Hydromorphone Internal Standard Hydromorphone-D6



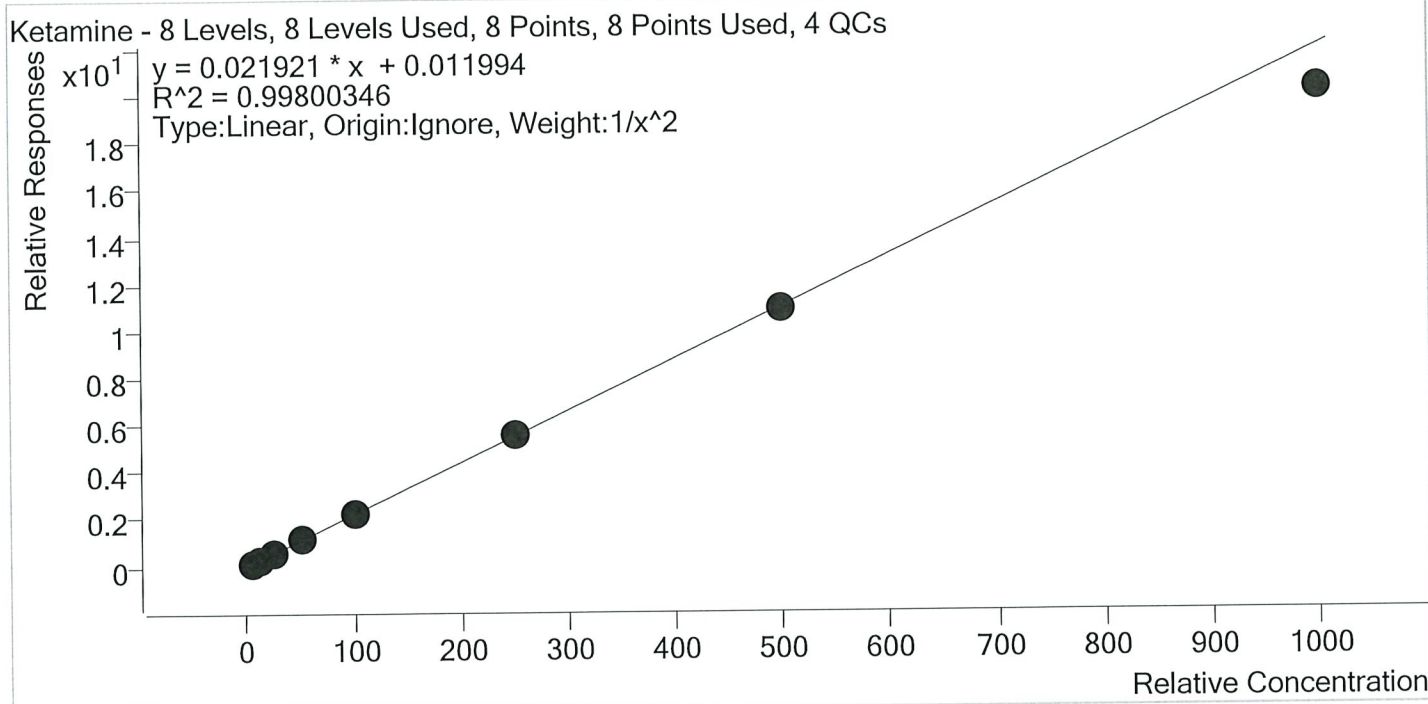
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
TS p1 Cal 2- 10ng	2	✓	10.0	9.5	95.3
TS p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
TS p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
TS p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
TS p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
TS p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
TS p1 Cal 8-1000ng	8	✓	1000.0	988.1	98.8

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Ketamine Internal Standard Ketamine-D4



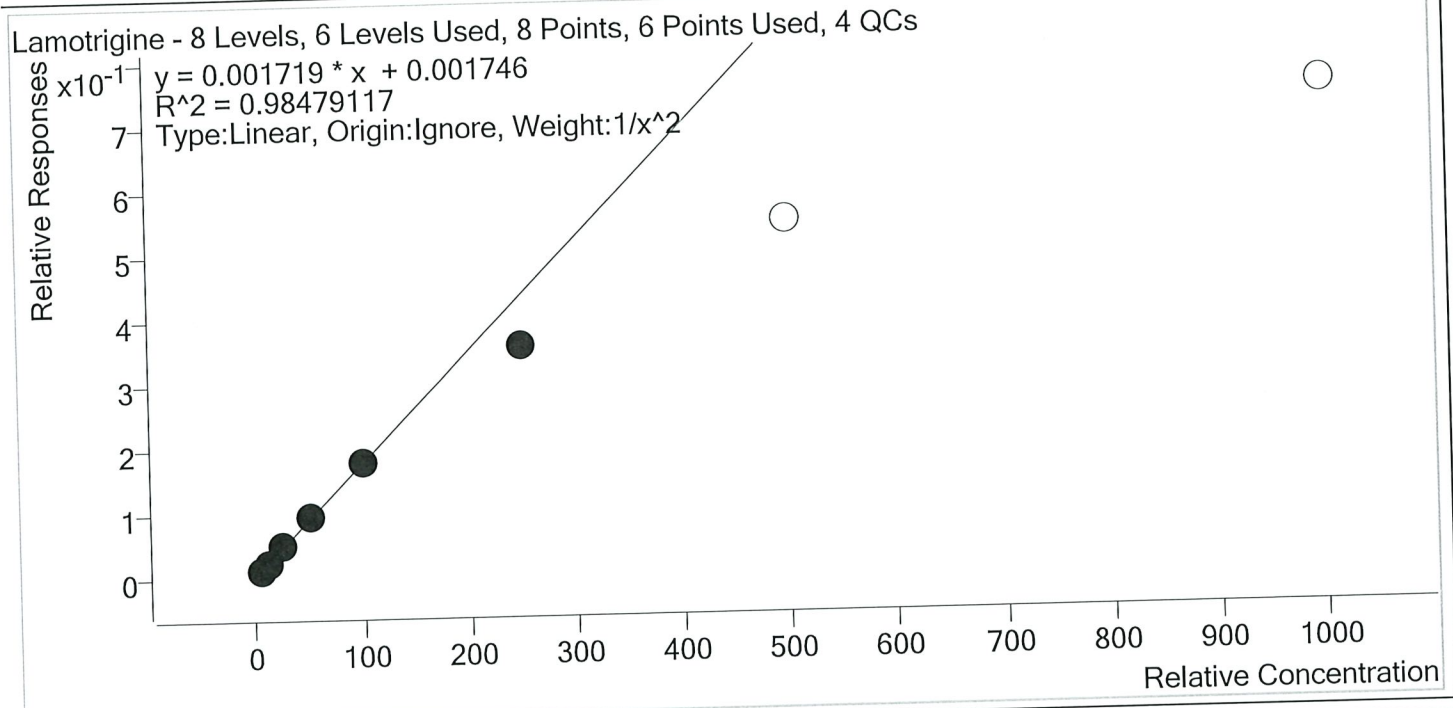
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
TS_p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
TS_p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
TS_p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
TS_p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
TS_p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
TS_p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	917.8	91.8

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Lamotrigine Internal Standard Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
TS p1 Cal 2- 10ng	2	✓	10.0	10.6	105.9
TS p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
TS p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
TS p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
TS p1 Cal 6-250ng	6	✓	250.0	204.8	81.9
TS p1 Cal 7-500ng	7	×	500.0	314.1	62.8
TS p1 Cal 8-1000ng	8	×	1000.0	431.2	43.1

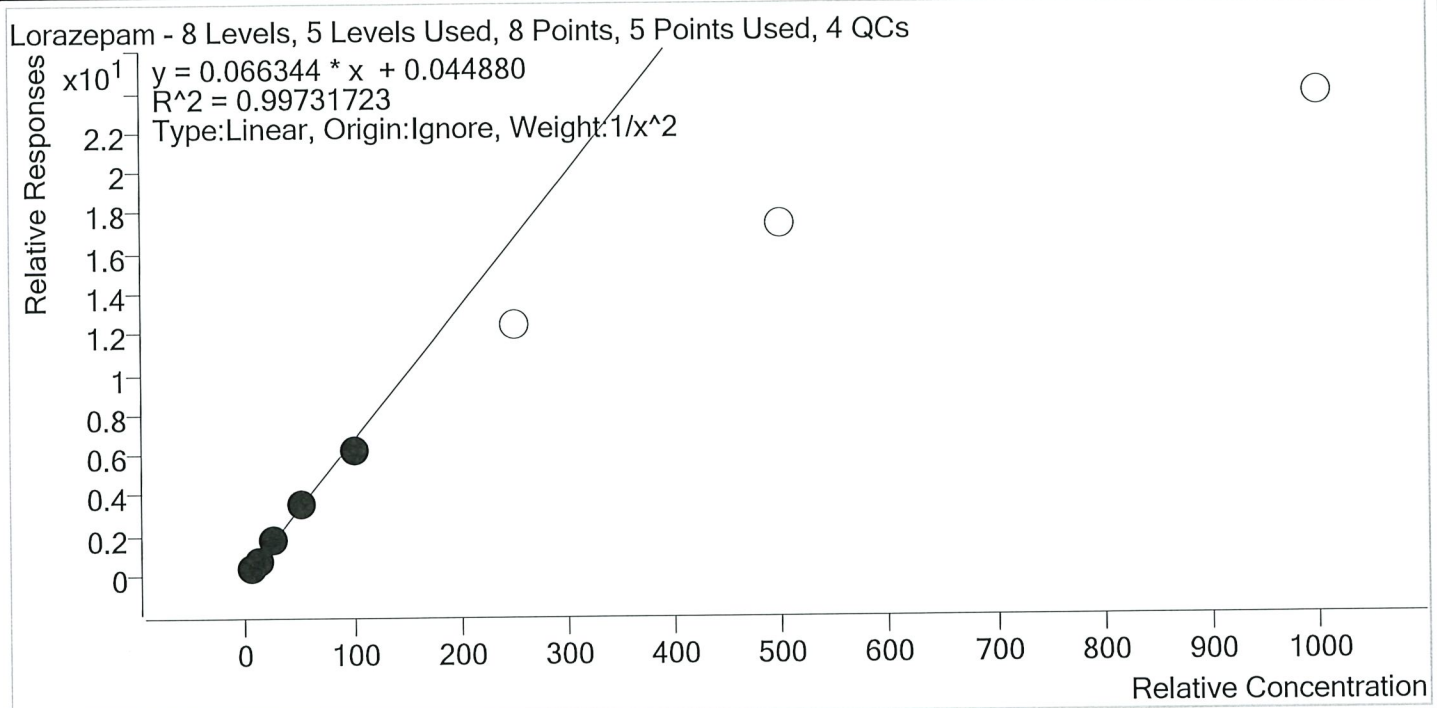


TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Lorazepam **Internal Standard** Clonazepam-D4



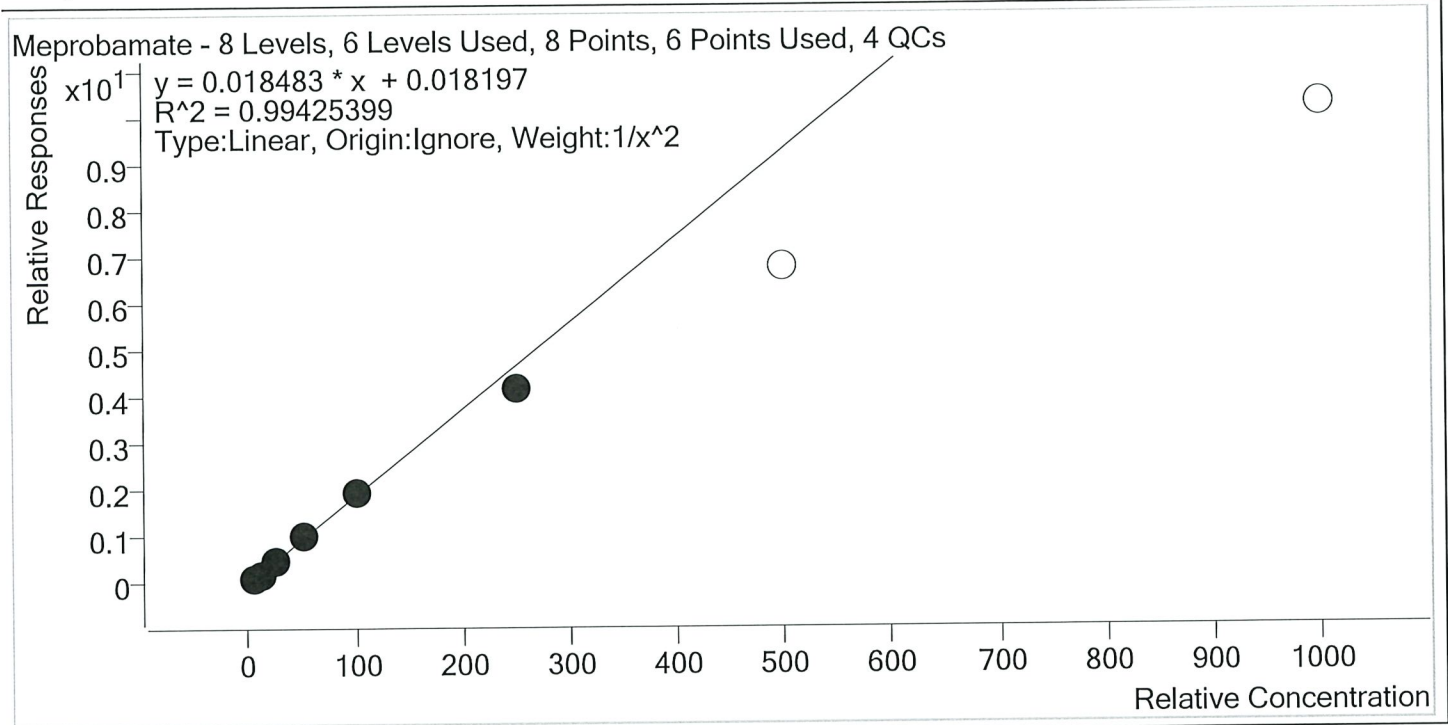
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
TS_p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
TS_p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
TS_p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
TS_p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
TS_p1 Cal 6-250ng	6	×	250.0	185.7	74.3
TS_p1 Cal 7-500ng	7	×	500.0	262.1	52.4
TS_p1 Cal 8-1000ng	8	×	1000.0	356.6	35.7

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Meprobamate Internal Standard Meprobamate-D7



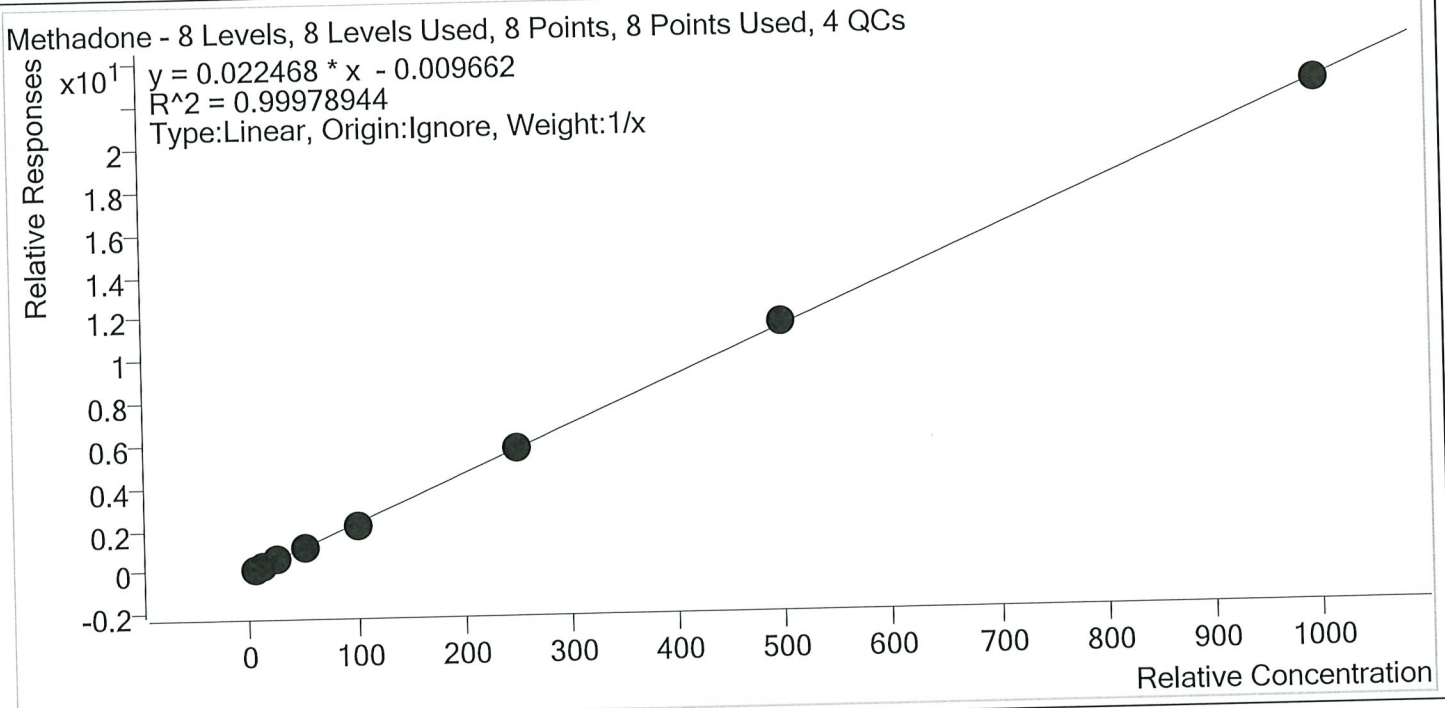
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
TS p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
TS p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
TS p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
TS p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
TS p1 Cal 6-250ng	6	✓	250.0	221.7	88.7
TS p1 Cal 7-500ng	7	×	500.0	364.4	72.9
TS p1 Cal 8-1000ng	8	×	1000.0	550.2	55.0

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datator  
 Analyte Methadone Internal Standard Methadone-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.4	108.4
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
TS p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
TS p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
TS p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
TS p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
TS p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
TS p1 Cal 8-1000ng	8	✓	1000.0	995.8	99.6



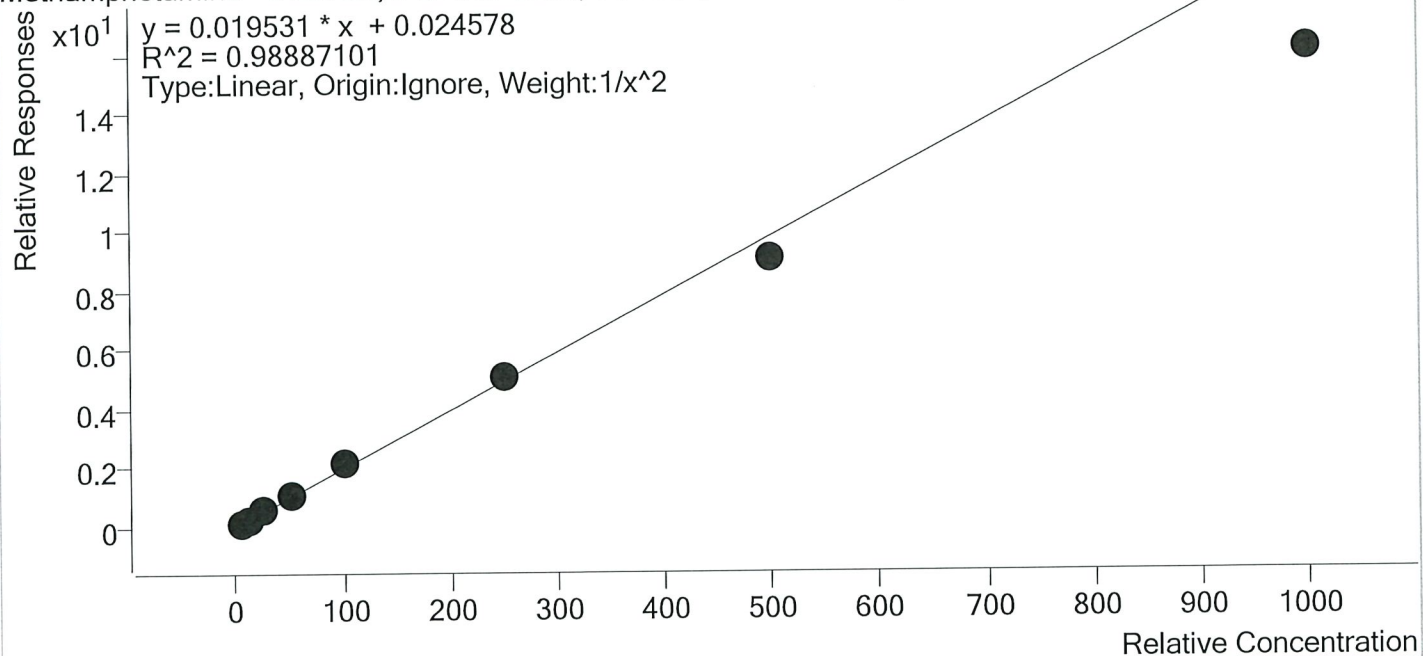
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 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
TS p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
TS p1 Cal 2- 10ng	2	✓	10.0	10.3	102.5
TS p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
TS p1 Cal 4-50ng	4	✓	50.0	55.5	111.0
TS p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
TS p1 Cal 6-250ng	6	✓	250.0	258.4	103.4
TS p1 Cal 7-500ng	7	✓	500.0	463.7	92.7
TS p1 Cal 8-1000ng	8	✓	1000.0	821.8	82.2

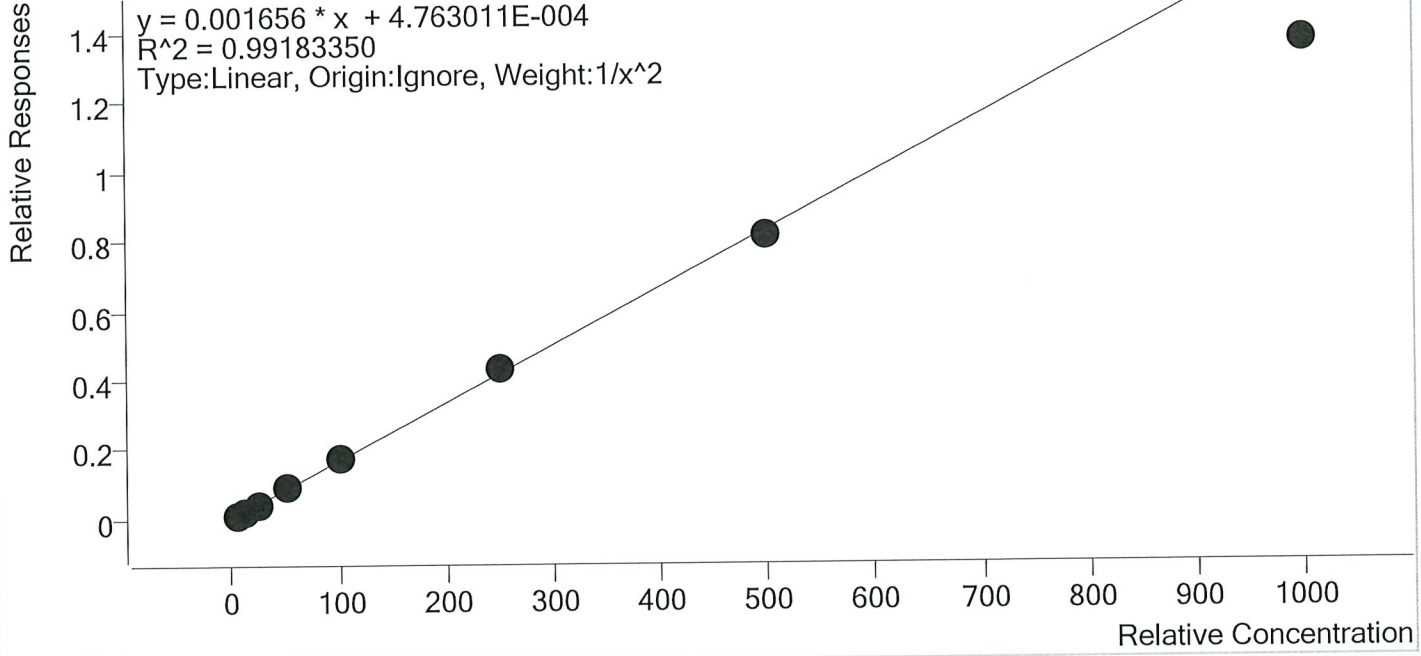
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# AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Metoprolol Internal Standard Tramadol-13C-D3

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



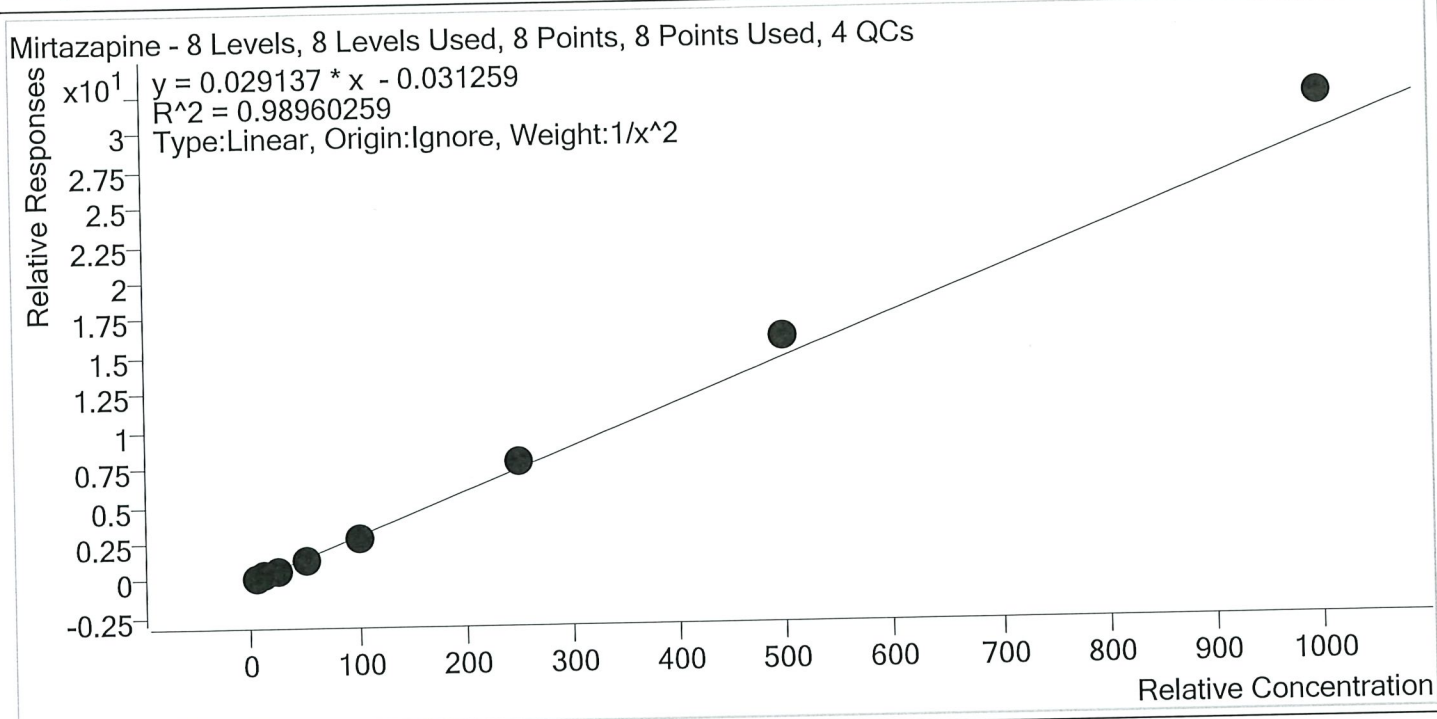
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
TS_p1 Cal 2- 10ng	2	✓	10.0	10.3	103.3
TS_p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
TS_p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
TS_p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
TS_p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
TS_p1 Cal 7-500ng	7	✓	500.0	491.1	98.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	825.7	82.6

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Mirtazapine Internal Standard alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.3	106.1
TS_p1 Cal 2- 10ng	2	✓	10.0	9.5	94.8
TS_p1 Cal 3 -25ng	3	✓	25.0	21.3	85.3
TS_p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
TS_p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
TS_p1 Cal 6-250ng	6	✓	250.0	268.1	107.3
TS_p1 Cal 7-500ng	7	✓	500.0	543.9	108.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	1090.2	109.0

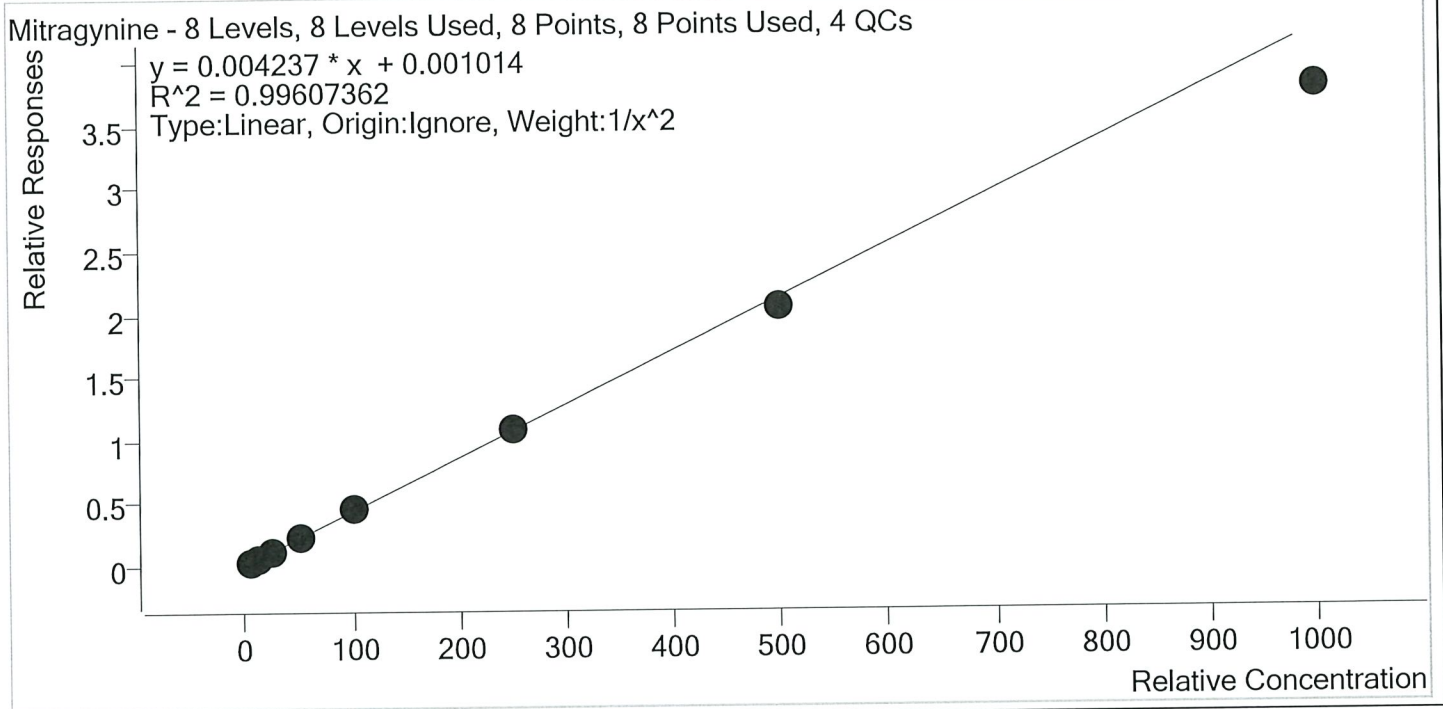


TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



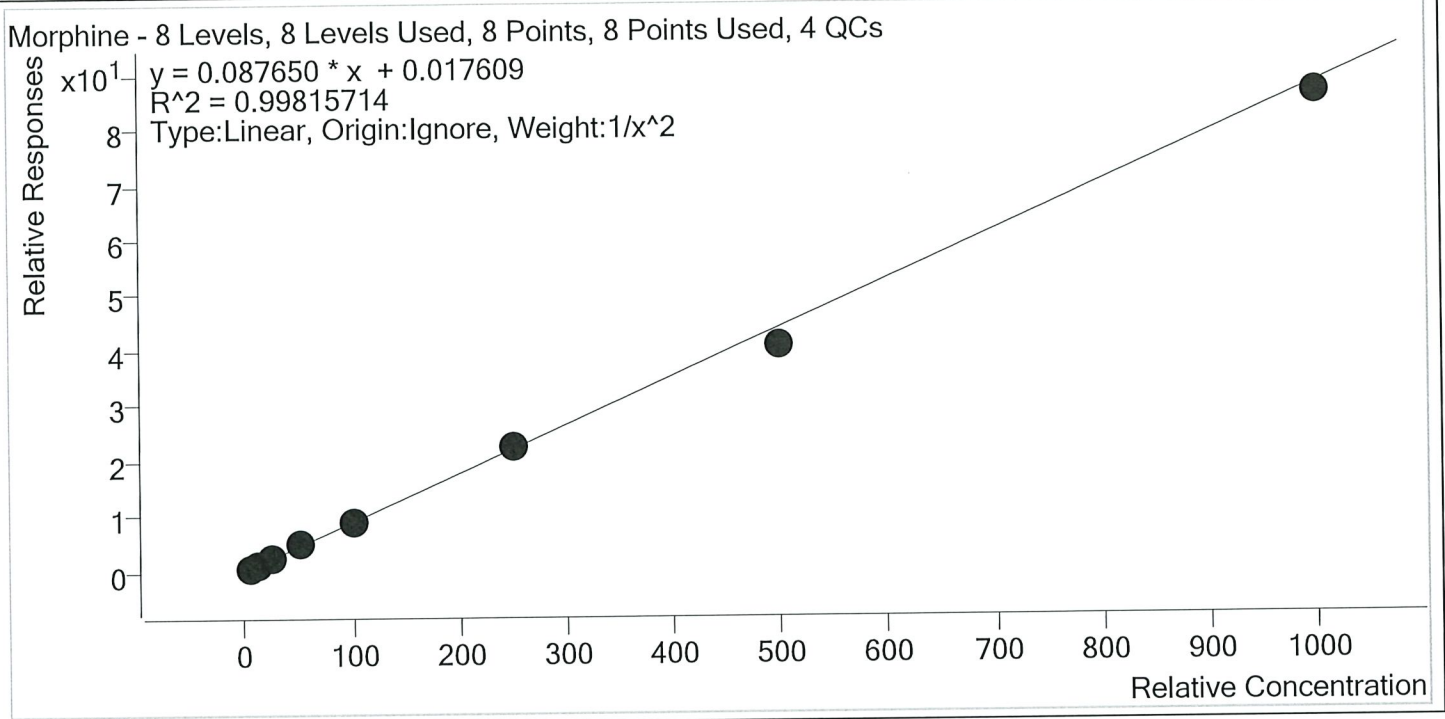
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
TS_p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
TS_p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
TS_p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
TS_p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
TS_p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
TS_p1 Cal 7-500ng	7	✓	500.0	482.6	96.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	891.7	89.2

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Morphine Internal Standard Morphine-D6



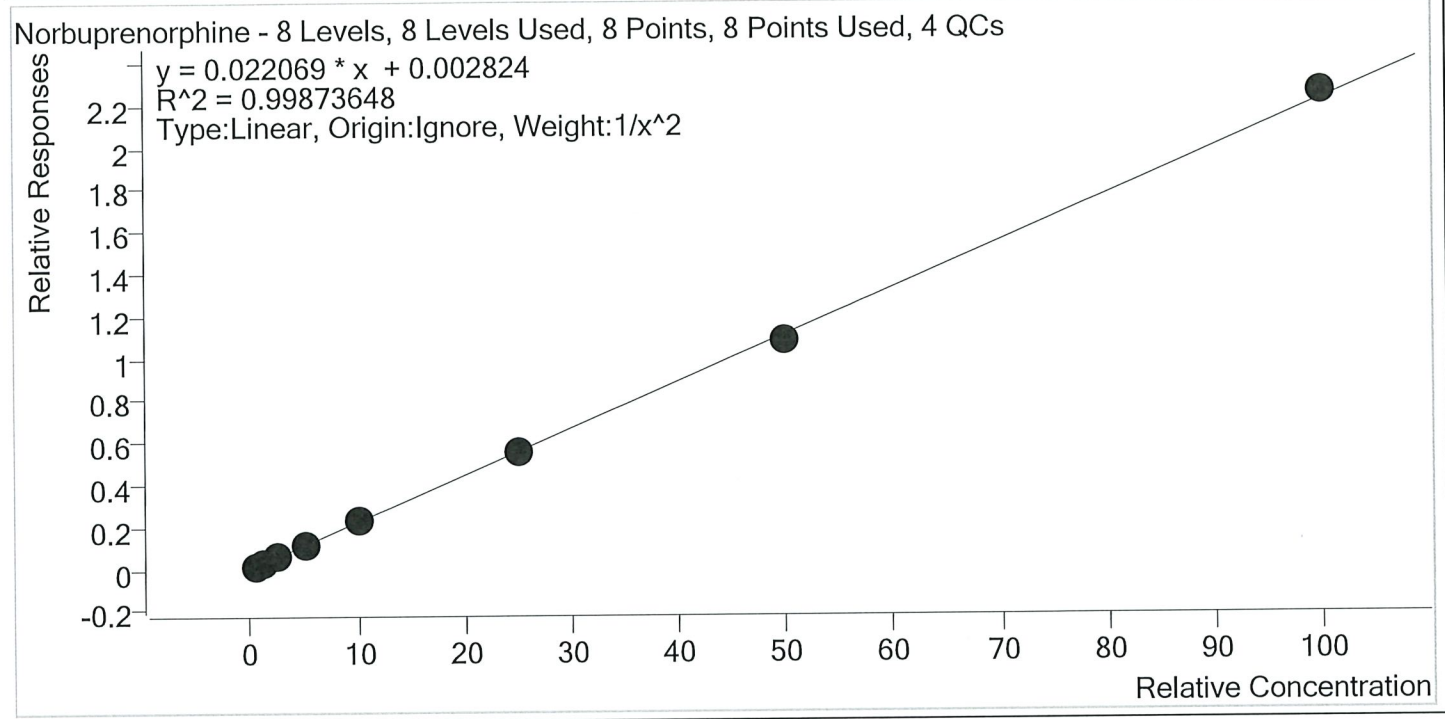
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
TS_p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
TS_p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
TS_p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
TS_p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
TS_p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
TS_p1 Cal 7-500ng	7	✓	500.0	463.1	92.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	979.8	98.0

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Norbuprenorphine Internal Standard Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	0.5	0.5	99.9
TS p1 Cal 2- 10ng	2	✓	1.0	1.0	102.1
TS p1 Cal 3 -25ng	3	✓	2.5	2.3	94.0
TS p1 Cal 4-50ng	4	✓	5.0	5.0	101.0
TS p1 Cal 5-100ng	5	✓	10.0	10.4	103.7
TS p1 Cal 6-250ng	6	✓	25.0	25.1	100.6
TS p1 Cal 7-500ng	7	✓	50.0	48.6	97.2
TS p1 Cal 8-1000ng	8	✓	100.0	101.6	101.6



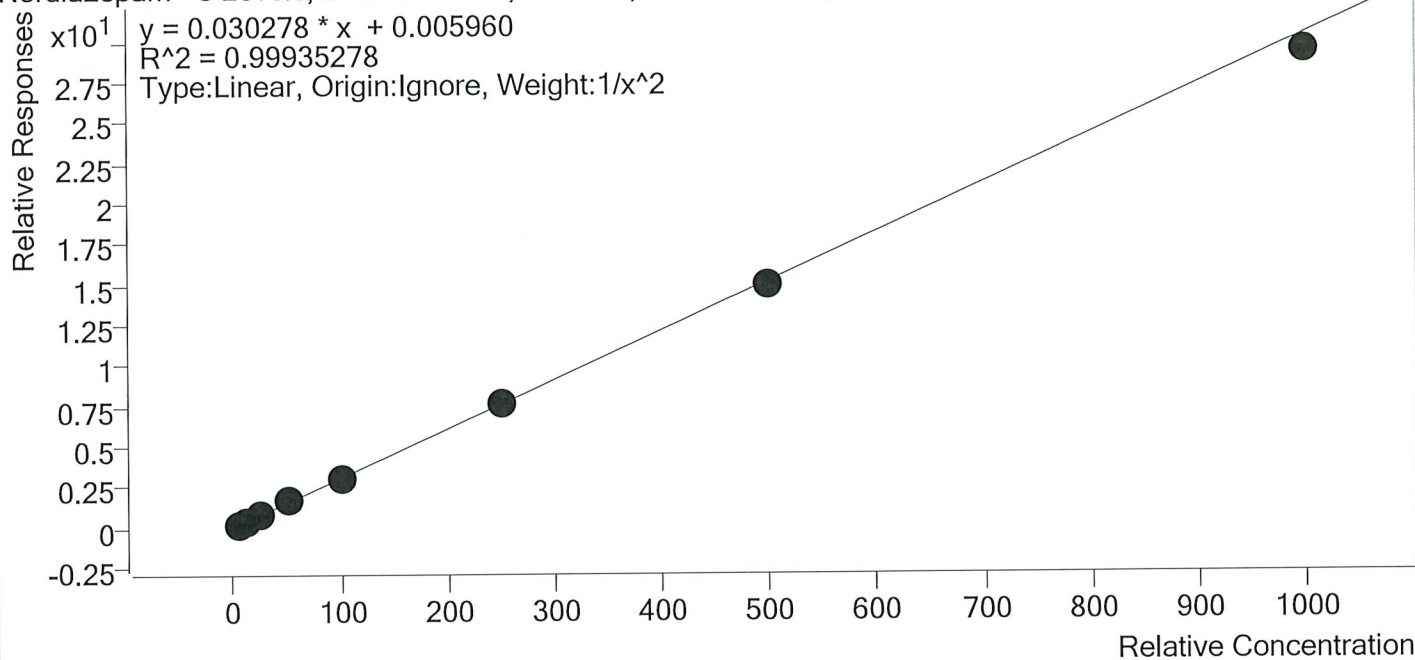
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Nordiazepam **Internal Standard** Nordiazepam-D5

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



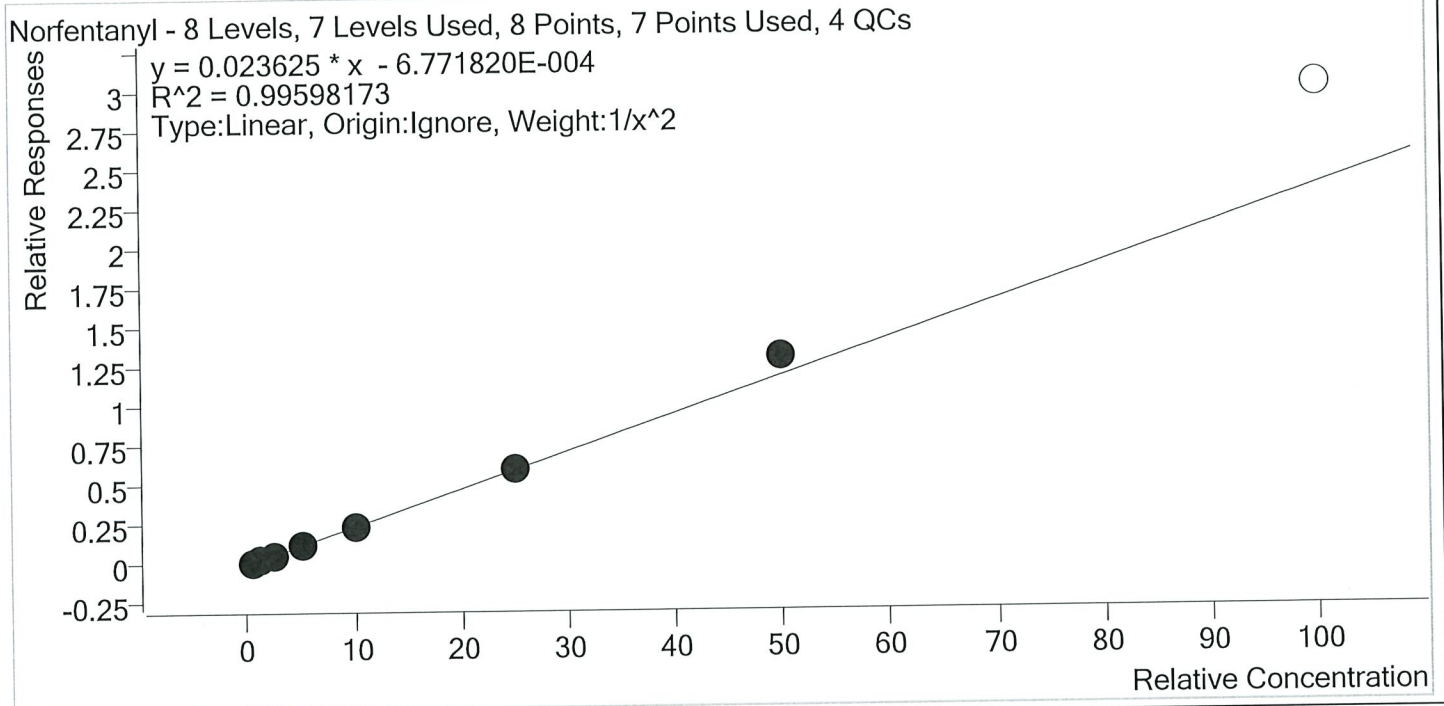
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
TS_p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
TS_p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
TS_p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
TS_p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
TS_p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
TS_p1 Cal 7-500ng	7	✓	500.0	490.7	98.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	966.0	96.6

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Norfentanyl Internal Standard Norfentanyl-D5



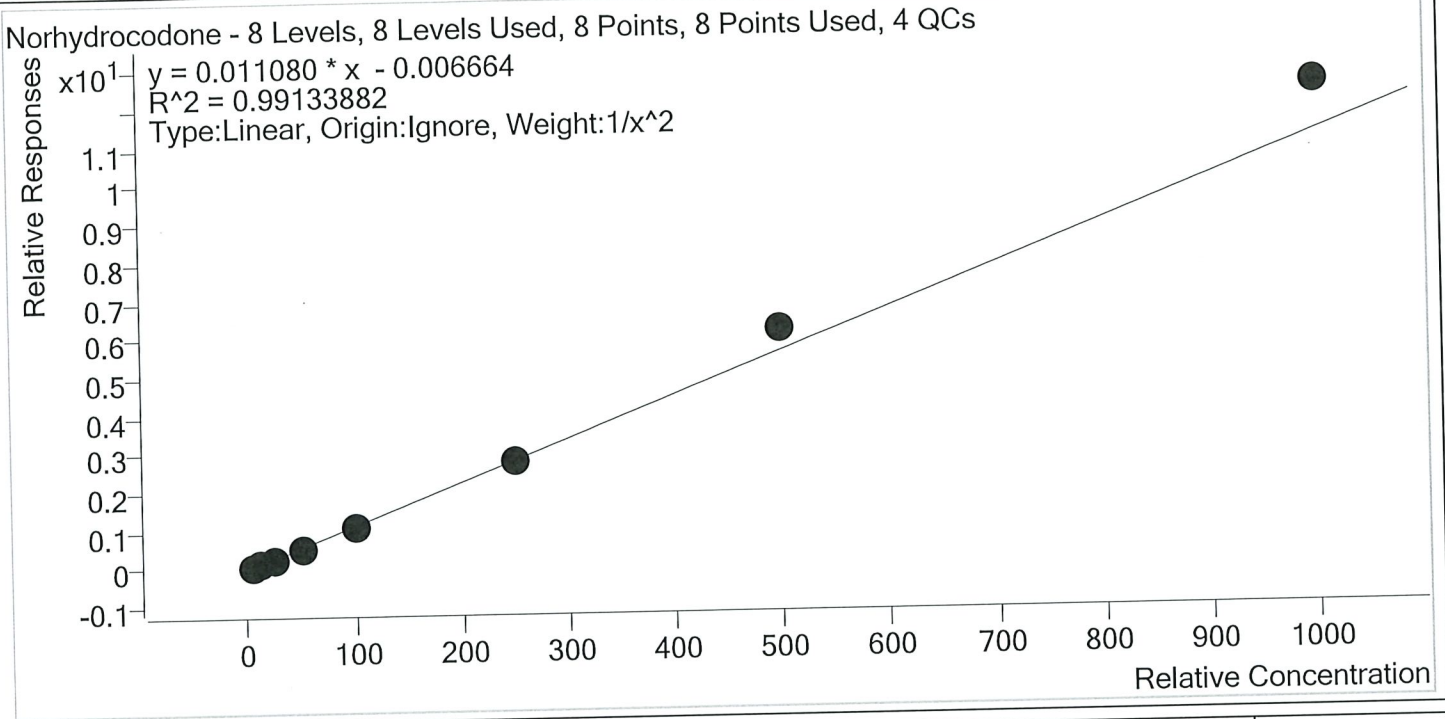
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
TS p1 Cal 2- 10ng	2	✓	1.0	1.0	97.7
TS p1 Cal 3 -25ng	3	✓	2.5	2.3	93.3
TS p1 Cal 4-50ng	4	✓	5.0	4.9	98.4
TS p1 Cal 5-100ng	5	✓	10.0	9.7	96.6
TS p1 Cal 6-250ng	6	✓	25.0	25.4	101.4
TS p1 Cal 7-500ng	7	✓	50.0	55.0	109.9
TS p1 Cal 8-1000ng	8	×	100.0	127.2	127.2

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datator  
 Analyte Norhydrocodone Internal Standard Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
TS p1 Cal 2- 10ng	2	✓	10.0	9.6	95.8
TS p1 Cal 3 -25ng	3	✓	25.0	22.7	90.6
TS p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
TS p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
TS p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
TS p1 Cal 7-500ng	7	✓	500.0	551.9	110.4
TS p1 Cal 8-1000ng	8	✓	1000.0	1116.6	111.7

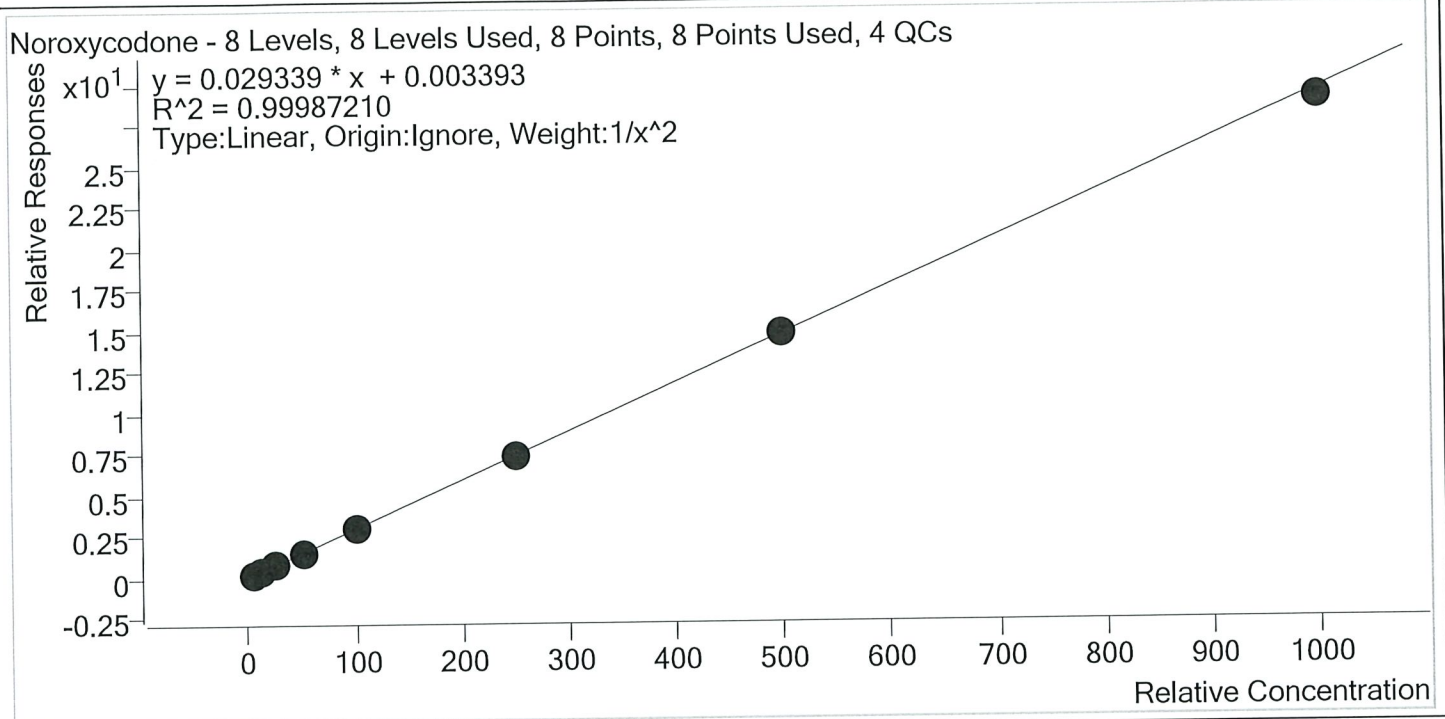


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Noroxycodone Internal Standard Noroxycodone-D3



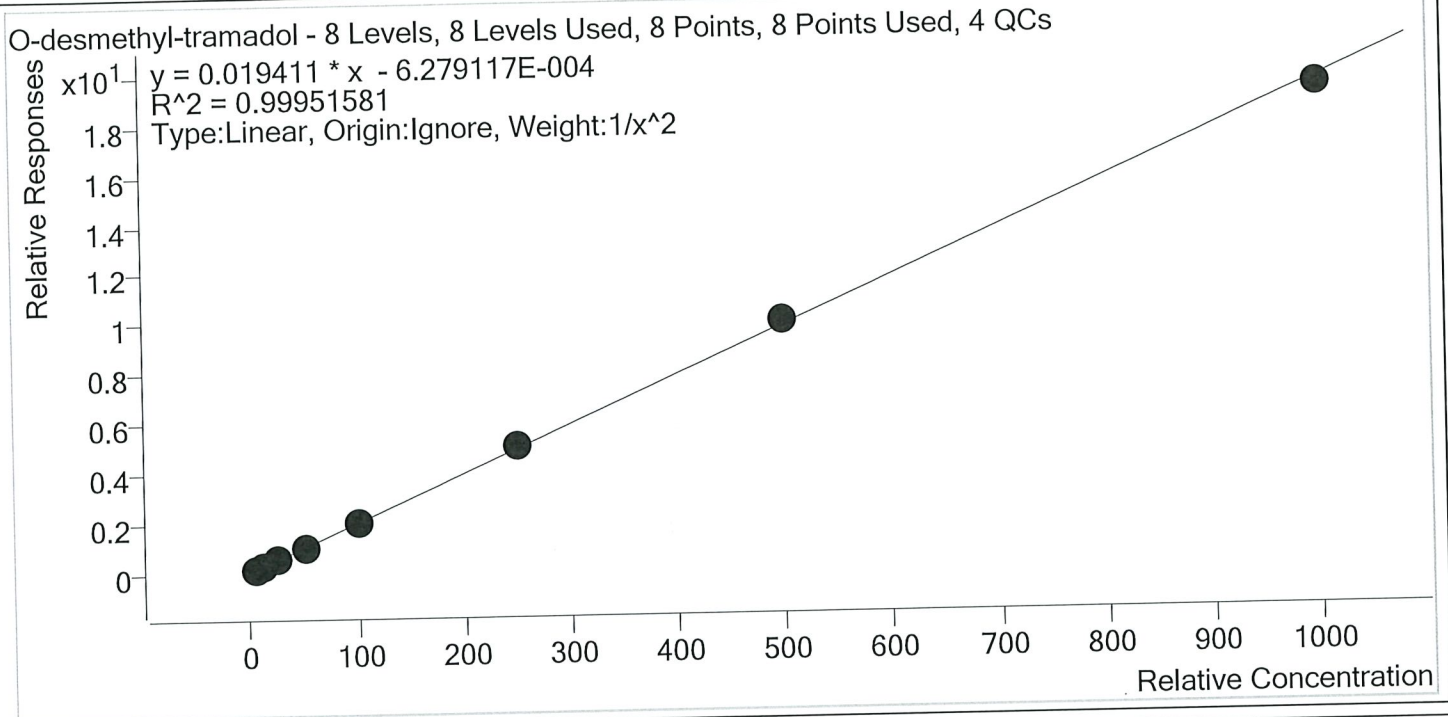
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
TS p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
TS p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
TS p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
TS p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
TS p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
TS p1 Cal 8-1000ng	8	✓	1000.0	982.9	98.3



TS

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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte O-desmethyl-tramadol Internal Standard O-desmethyl-tramadol-D6



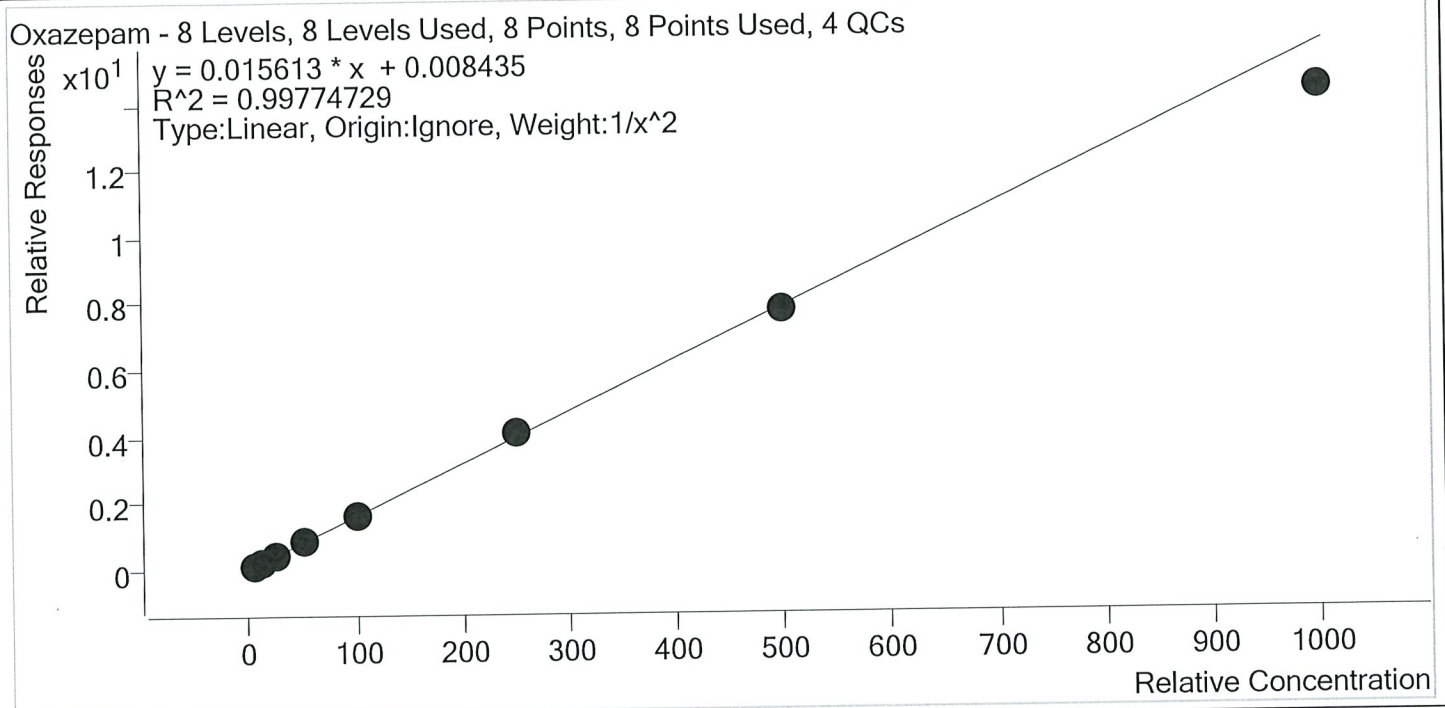
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
TS p1 Cal 2- 10ng	2	✓	10.0	9.9	98.5
TS p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
TS p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
TS p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
TS p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
TS p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
TS p1 Cal 8-1000ng	8	✓	1000.0	985.6	98.6

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Oxazepam Internal Standard Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
TS p1 Cal 2- 10ng	2	✓	10.0	9.9	99.3
TS p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
TS p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
TS p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
TS p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
TS p1 Cal 7-500ng	7	✓	500.0	491.0	98.2
TS p1 Cal 8-1000ng	8	✓	1000.0	913.6	91.4

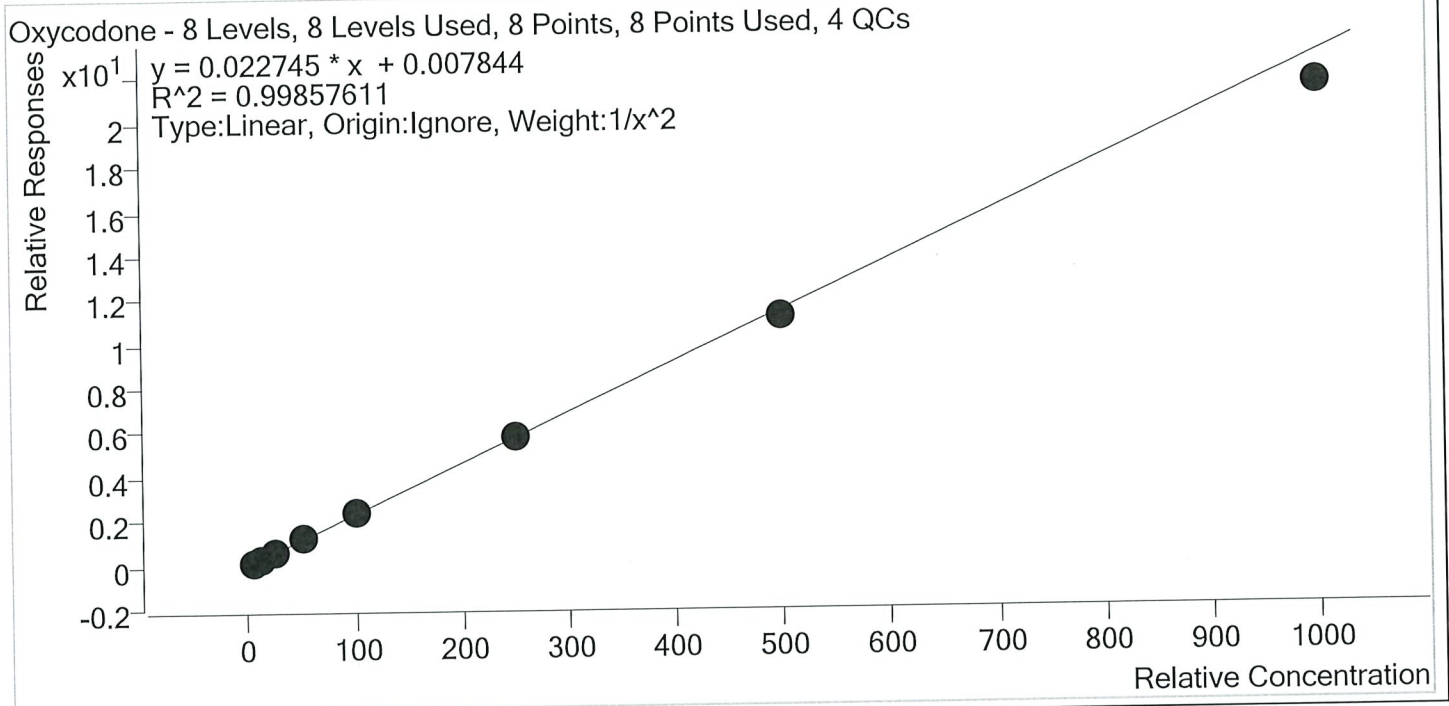


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Oxycodone Internal Standard Oxycodone-D6



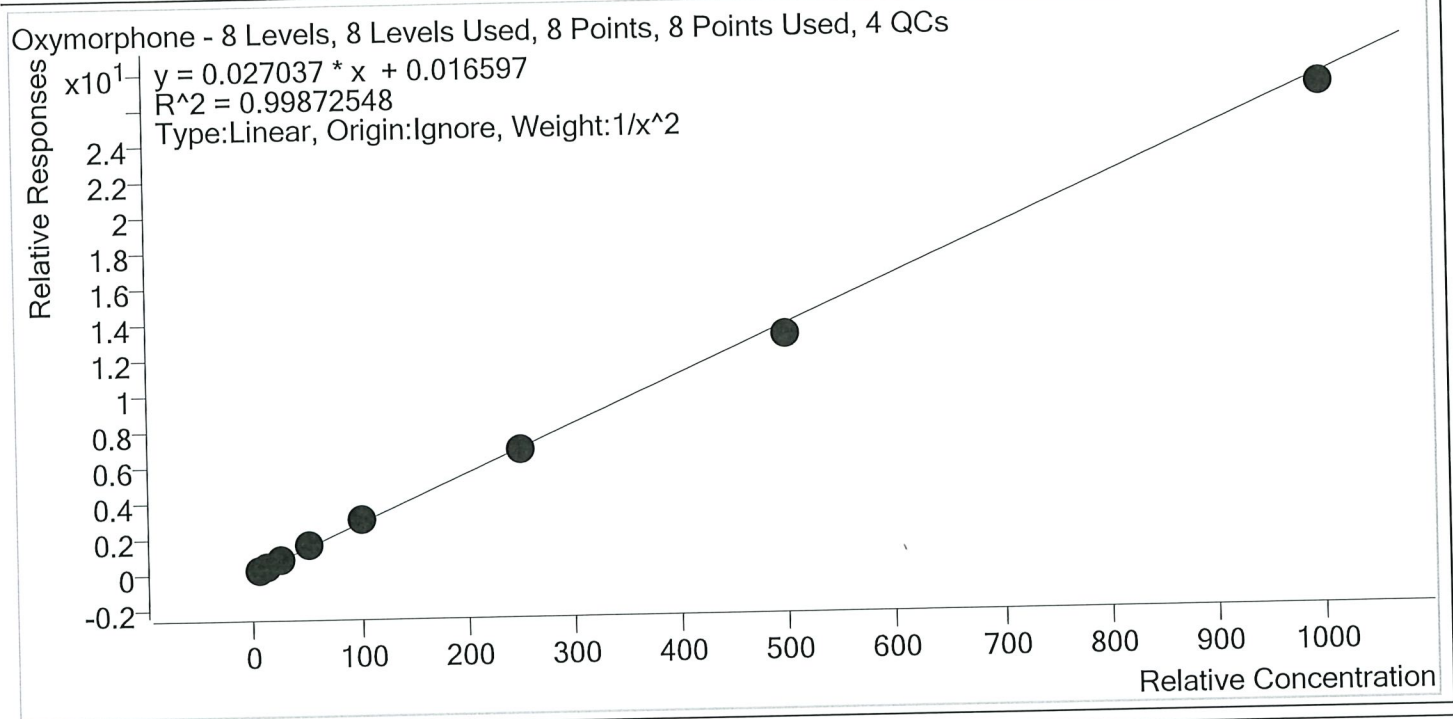
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
TS p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
TS p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
TS p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
TS p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
TS p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
TS p1 Cal 7-500ng	7	✓	500.0	487.6	97.5
TS p1 Cal 8-1000ng	8	✓	1000.0	940.3	94.0

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Oxymorphone Internal Standard Oxymorphone-D3



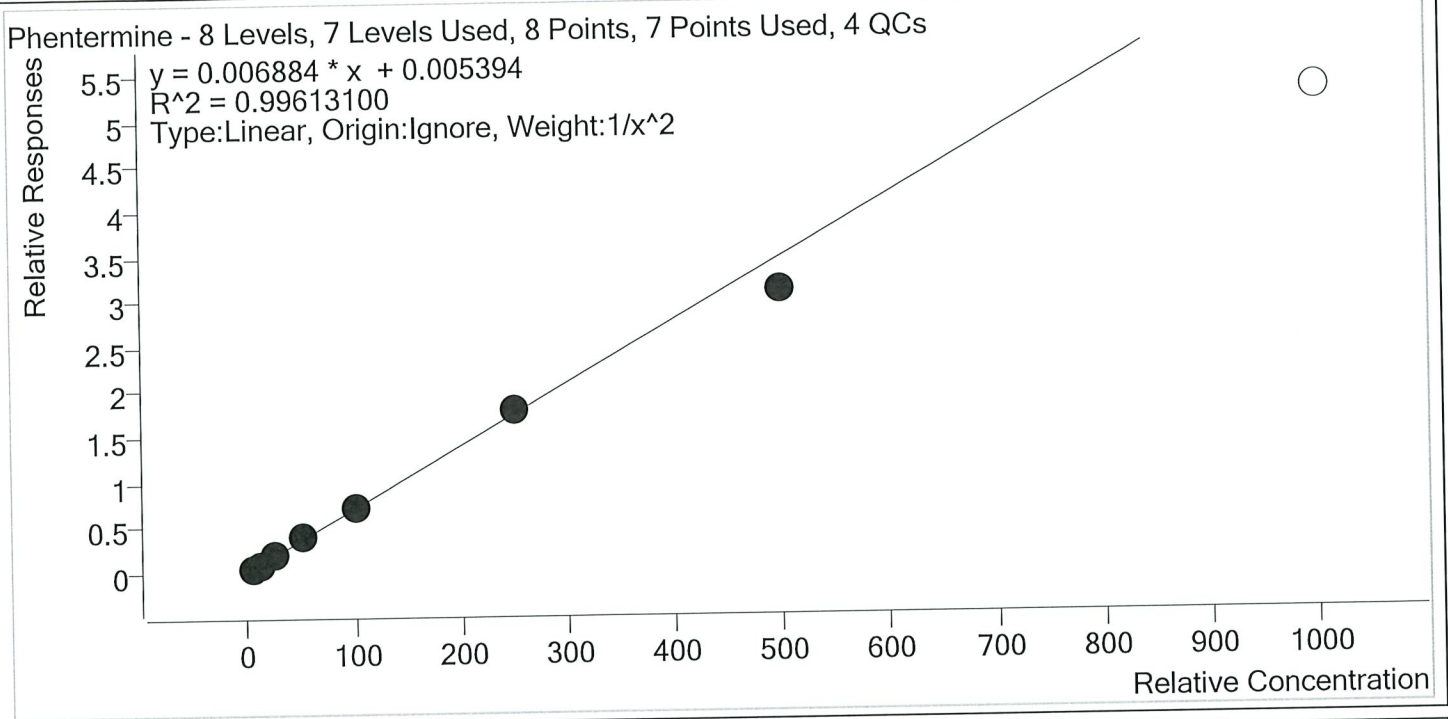
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
TS_p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
TS_p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
TS_p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
TS_p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
TS_p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
TS_p1 Cal 7-500ng	7	✓	500.0	475.3	95.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	979.0	97.9

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Phentermine Internal Standard Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
TS_p1 Cal 2- 10ng	2	✓	10.0	10.2	102.1
TS_p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
TS_p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
TS_p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
TS_p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
TS_p1 Cal 7-500ng	7	✓	500.0	446.9	89.4
TS_p1 Cal 8-1000ng	8	×	1000.0	763.4	76.3

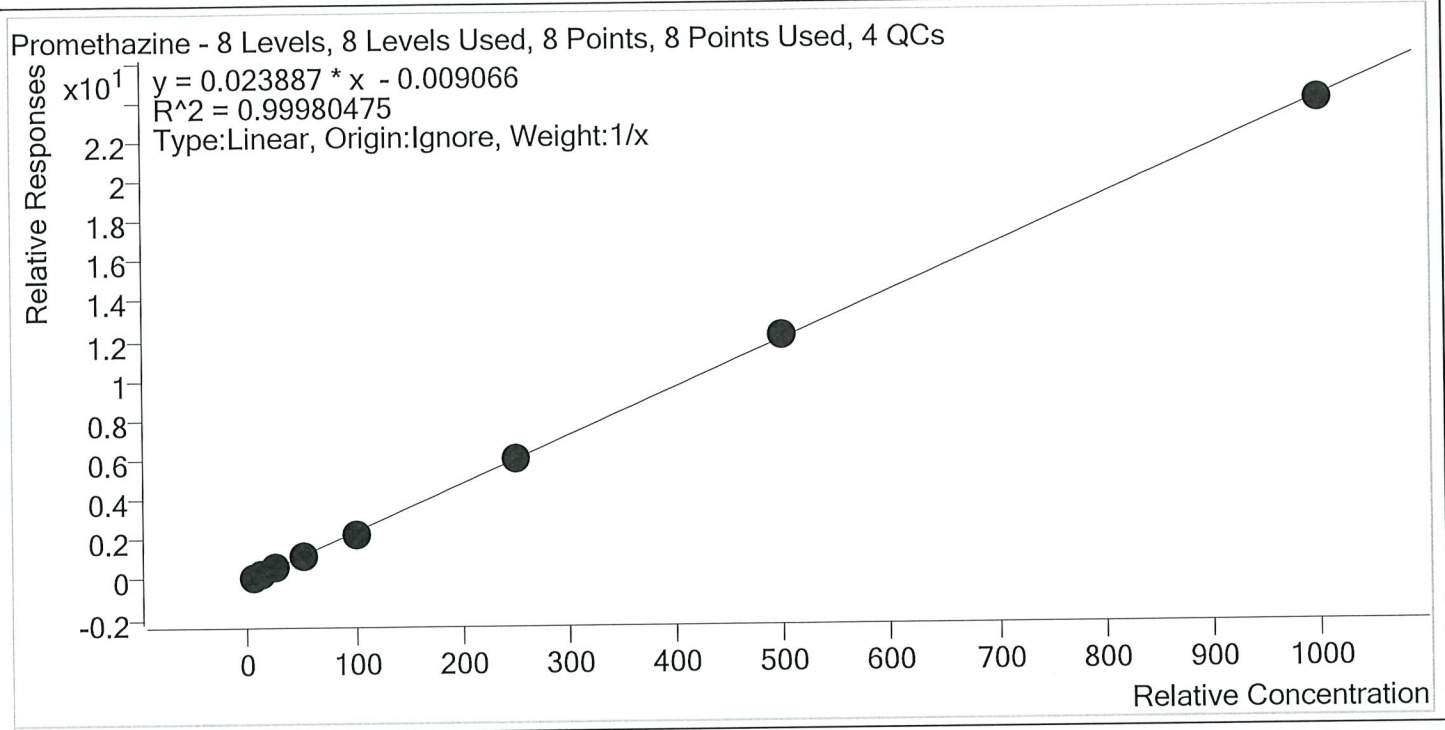


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Promethazine Internal Standard Promethazine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.3	105.3
TS p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
TS p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
TS p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
TS p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
TS p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
TS p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
TS p1 Cal 8-1000ng	8	✓	1000.0	994.3	99.4

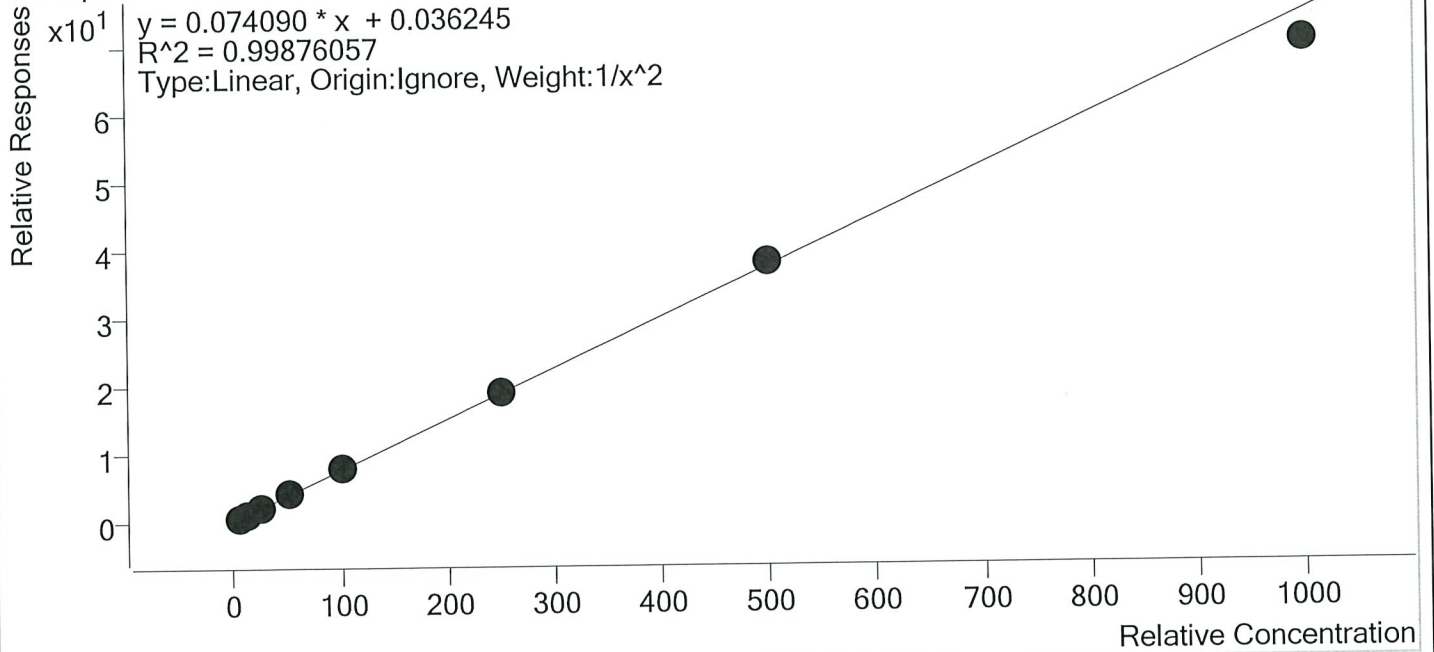
TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Quetiapine Internal Standard Quetiapine-D8

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



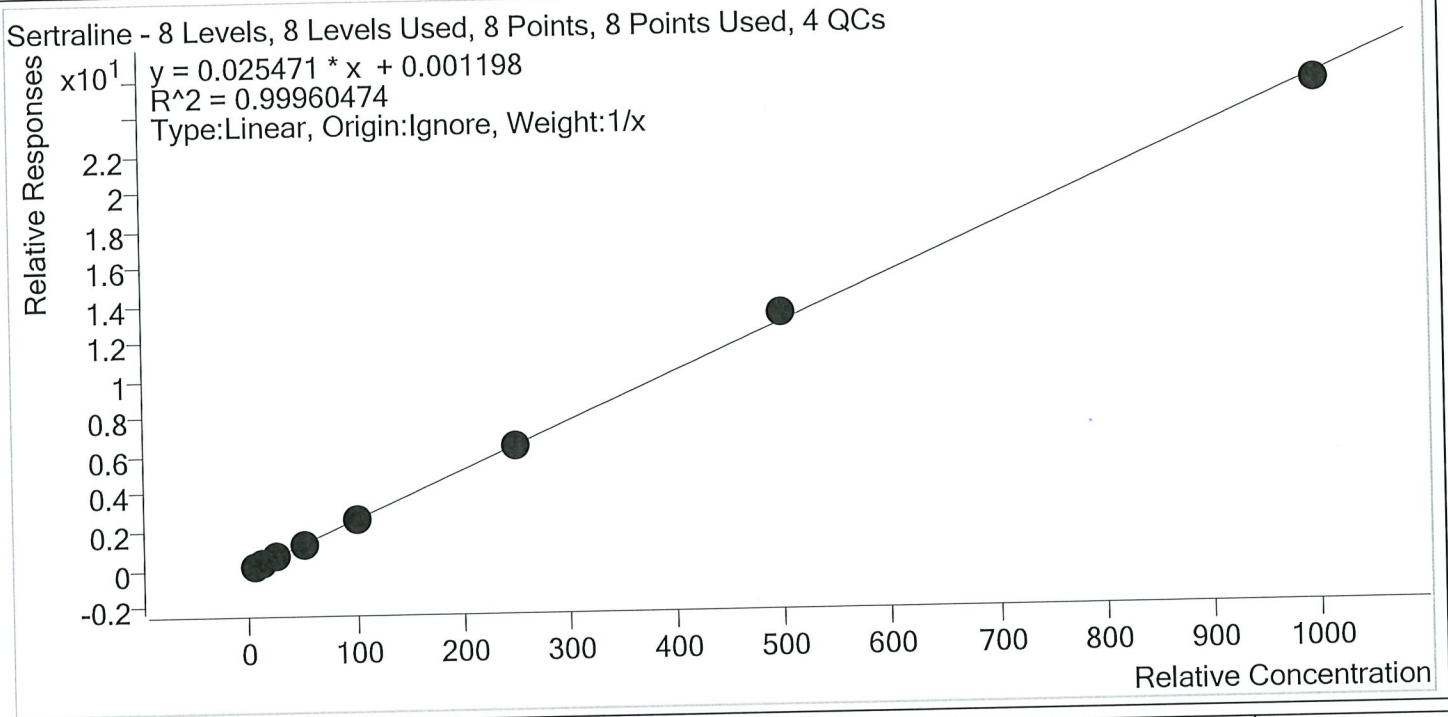
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
TS p1 Cal 2- 10ng	2	✓	10.0	9.9	98.6
TS p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
TS p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
TS p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
TS p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
TS p1 Cal 7-500ng	7	✓	500.0	508.5	101.7
TS p1 Cal 8-1000ng	8	✓	1000.0	941.7	94.2

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Sertraline Internal Standard Sertraline-D3



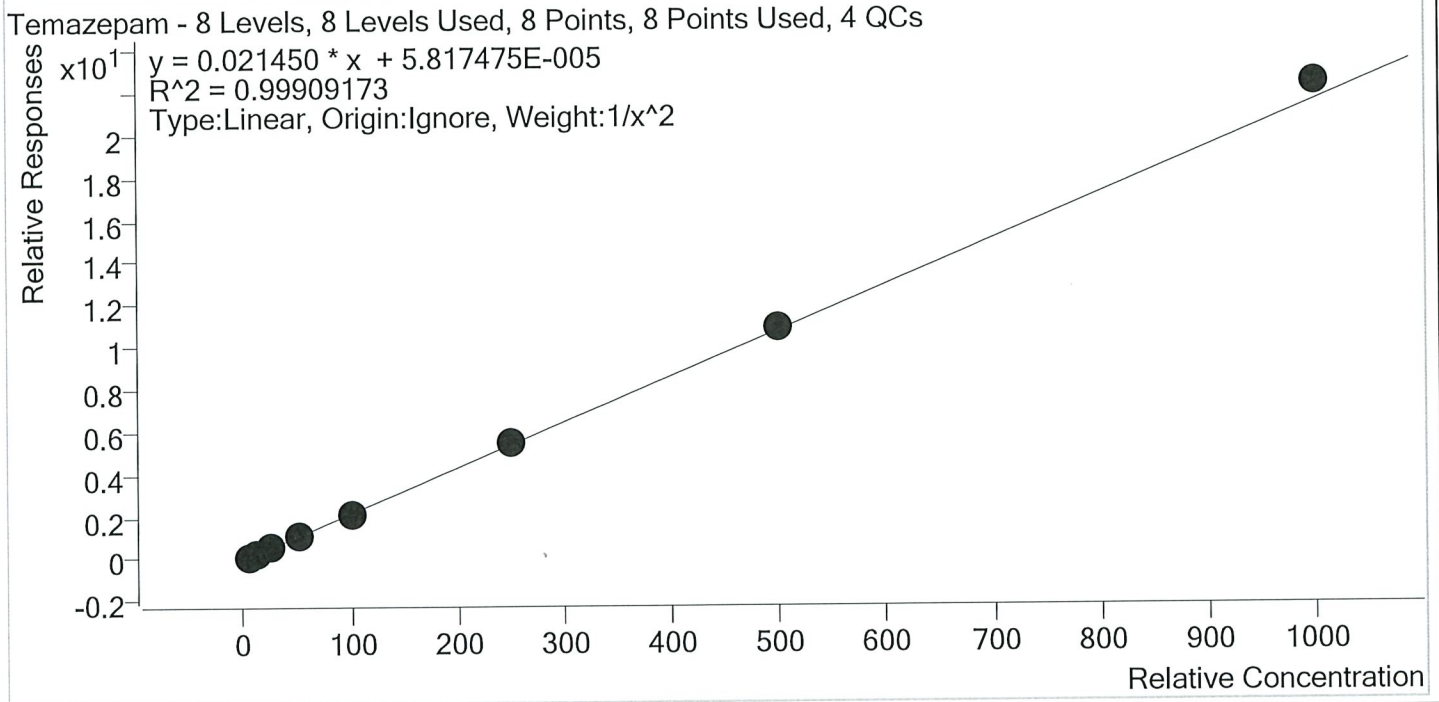
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
TS p1 Cal 2- 10ng	2	✓	10.0	9.7	96.7
TS p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
TS p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
TS p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
TS p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
TS p1 Cal 7-500ng	7	✓	500.0	515.1	103.0
TS p1 Cal 8-1000ng	8	✓	1000.0	986.2	98.6





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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



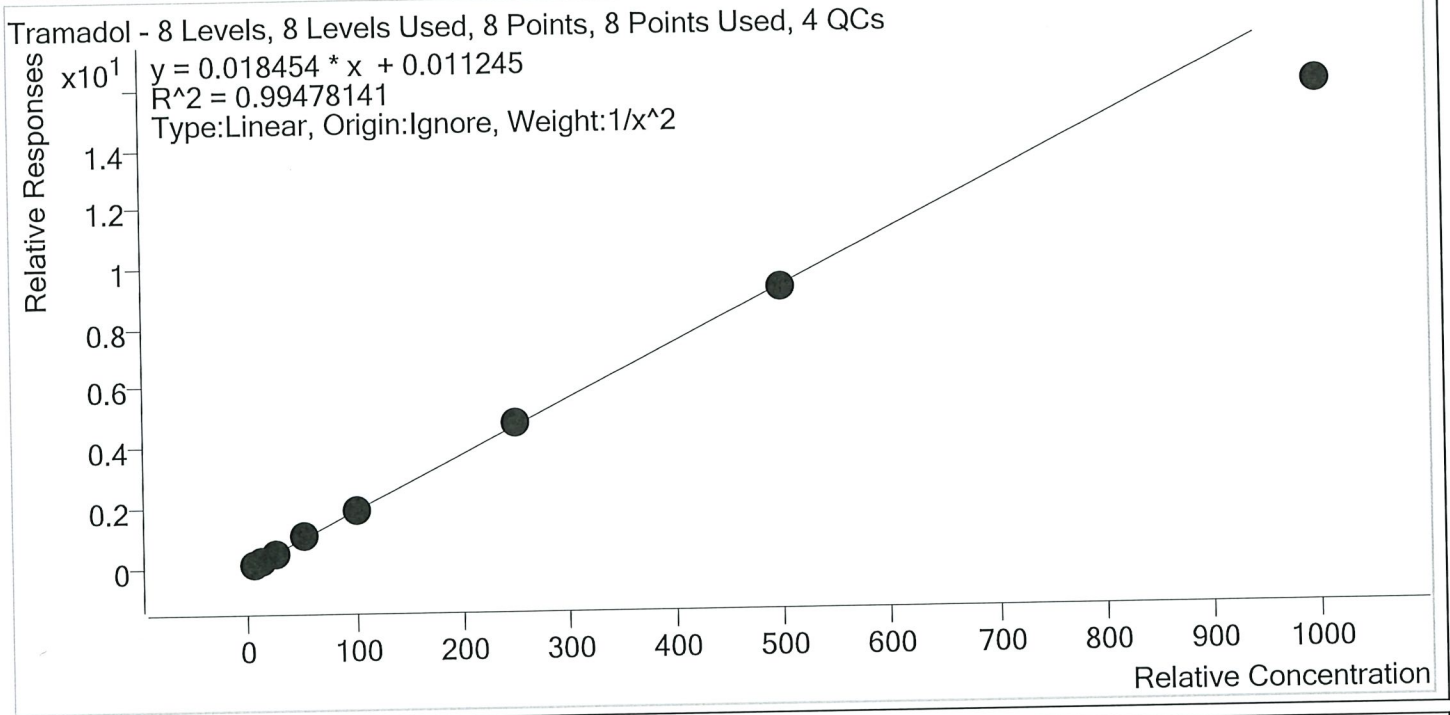
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
TS p1 Cal 2- 10ng	2	✓	10.0	9.8	97.7
TS p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
TS p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
TS p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
TS p1 Cal 6-250ng	6	✓	250.0	251.6	100.7
TS p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
TS p1 Cal 8-1000ng	8	✓	1000.0	1040.2	104.0

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Tramadol Internal Standard Tramadol-13C-D3



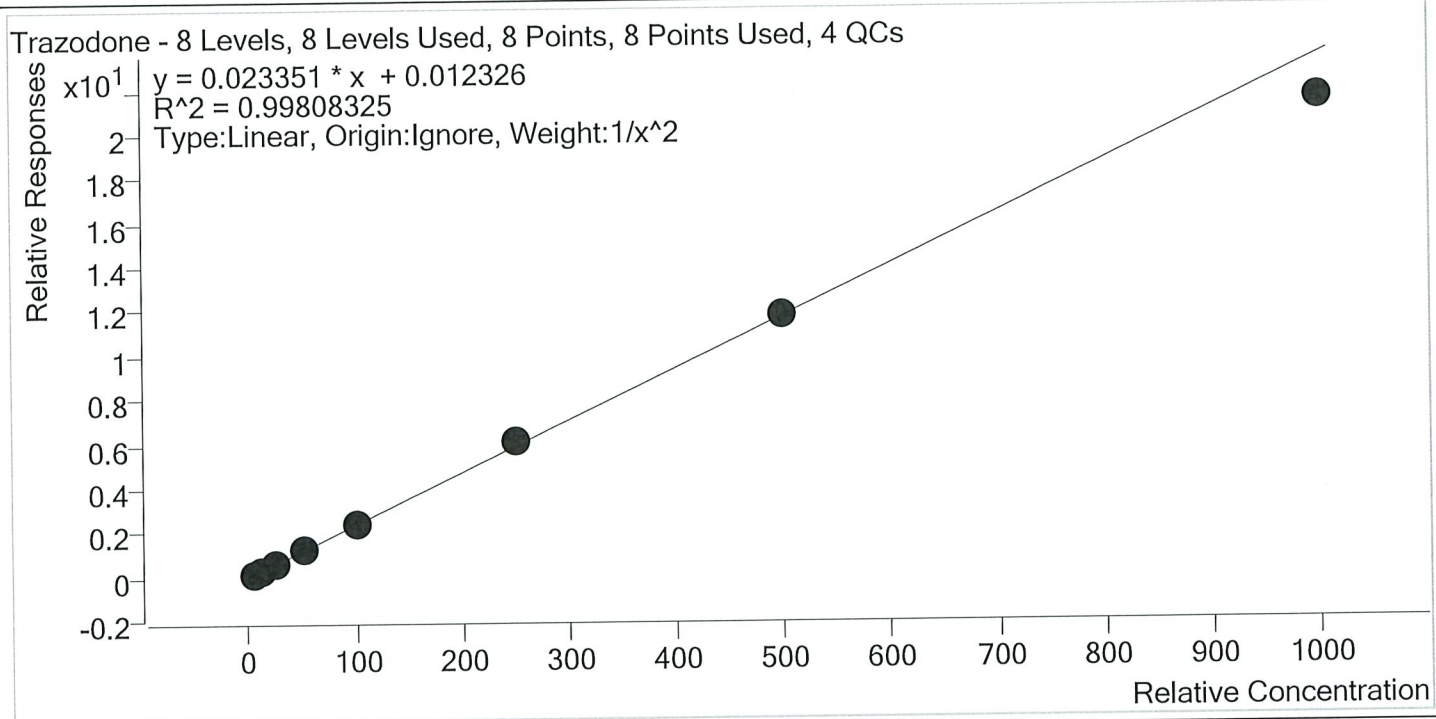
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
TS_p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
TS_p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
TS_p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
TS_p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
TS_p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
TS_p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	857.9	85.8

TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Trazodone Internal Standard Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
TS_p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
TS_p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
TS_p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
TS_p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
TS_p1 Cal 6-250ng	6	✓	250.0	259.8	103.9
TS_p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	917.3	91.7

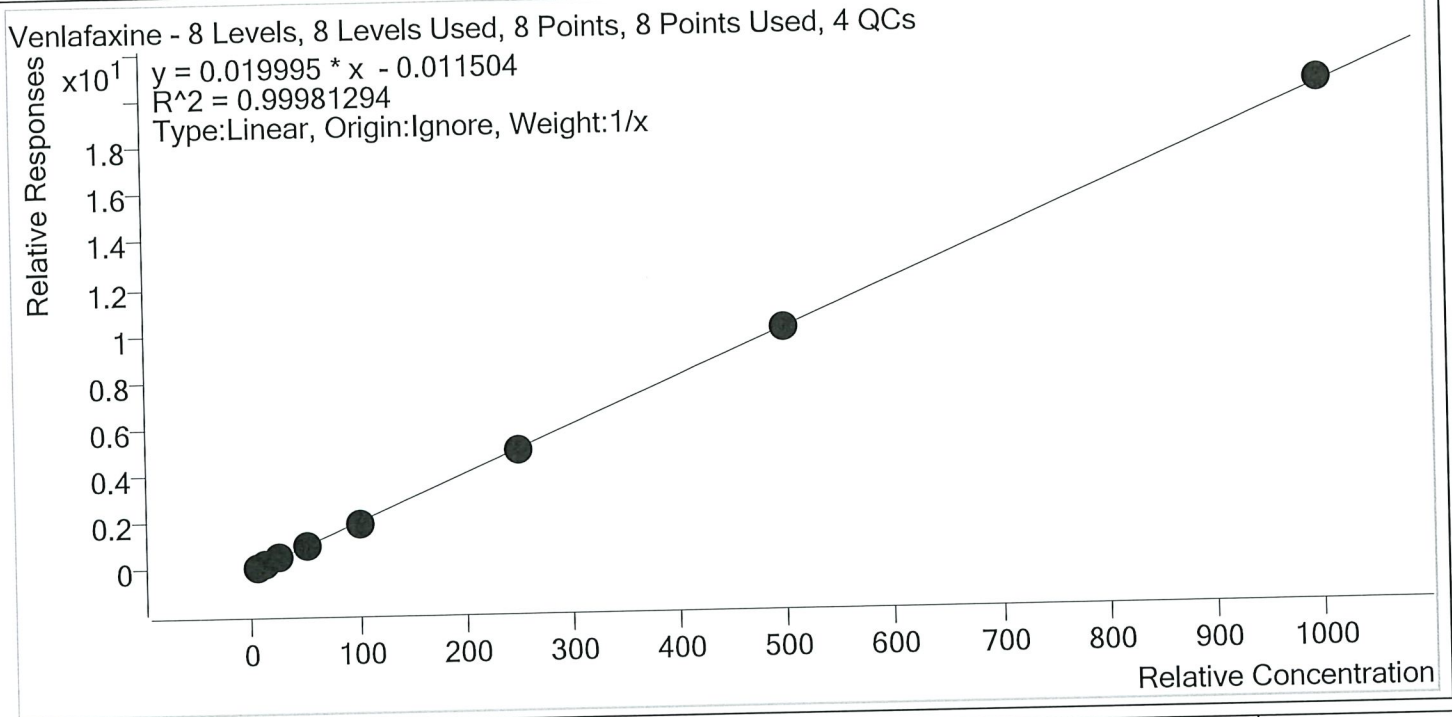


TS



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

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Last Cal. Update 7/1/2020 3:58 PM  
 Analyst Name ISP\Datastor  
 Analyte Venlafaxine Internal Standard Venlafaxine-D6



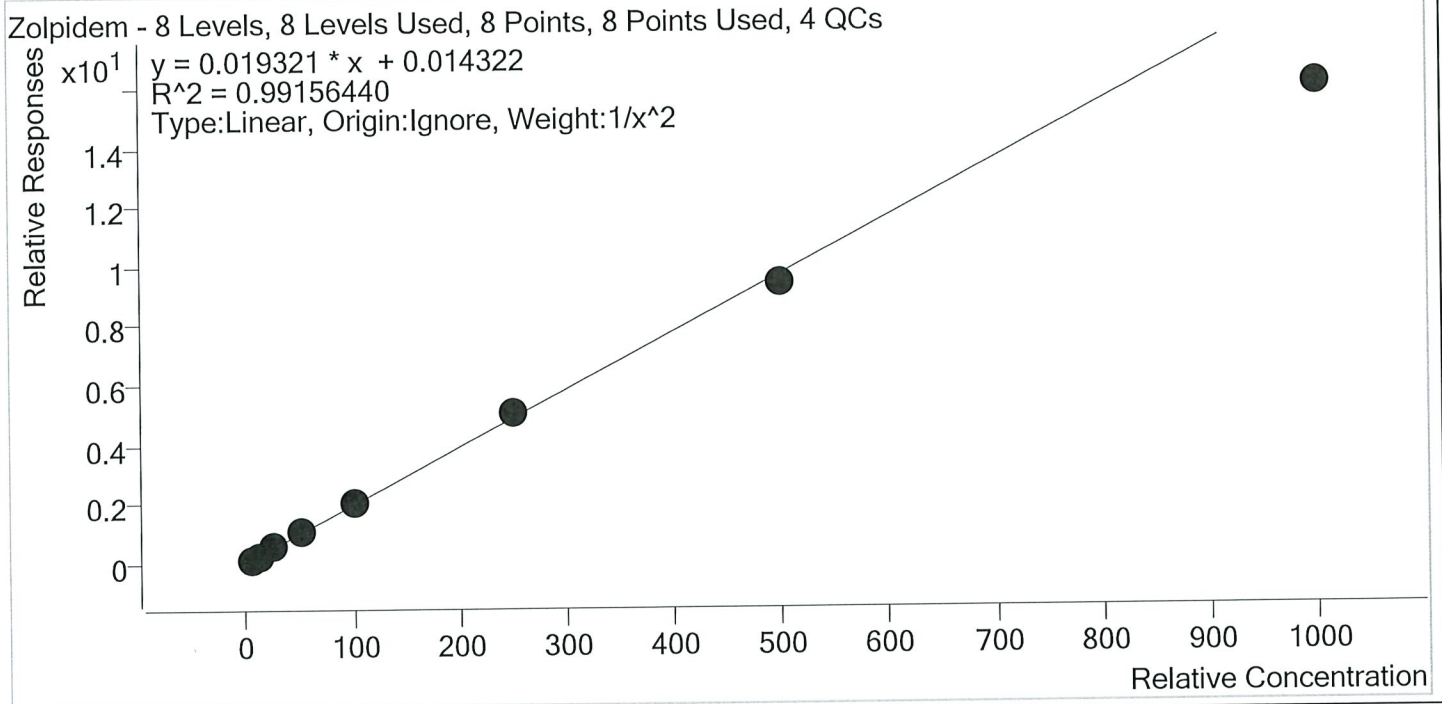
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.5	109.6
TS_p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
TS_p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
TS_p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
TS_p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
TS_p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
TS_p1 Cal 7-500ng	7	✓	500.0	500.6	100.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1007.6	100.8

TS



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

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Last Cal. Update** 7/1/2020 3:58 PM  
**Analyst Name** ISP\Datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
TS p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
TS p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
TS p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
TS p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
TS p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
TS p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
TS p1 Cal 8-1000ng	8	✓	1000.0	827.3	82.7

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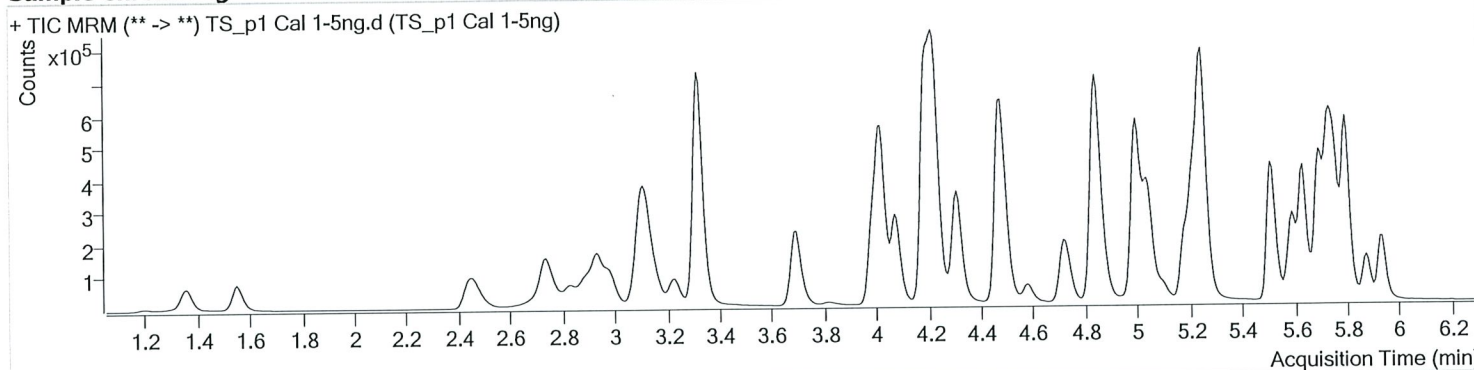


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Calibration Last Update** 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 Cal 1-5ng.d
<b>Type</b>	Cal	<b>Sample</b>	TS_p1 Cal 1-5ng
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-H12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 5:35:21 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	1972	4021.01	66.9	1052.15	73406	0.5089 ng/ml
7-aminoclonazepam	4.223	38375	230.50	83.3	1083.68	284528	4.5931 ng/ml
a-hydroxyalprazolam	5.674	16415	174.02	62.8	465.04	79575	4.8477 ng/ml
alpha-PVP	4.315	90767	805.20	51.2	387.53	761916	5.5276 ng/ml
Alprazolam	5.751	54310	578.64	109.3	1020.83	309409	5.1285 ng/ml
Amphetamine	2.977	143728	1653.75	53.0	1095.98	298130	3.7549 ng/ml
Benzoylcegonine	3.845	3510	197.56	7.6	64.25	19993	5.1845 ng/ml
Buprenorphine	5.802	2195	33.56	18.5	11.58	187001	0.5179 ng/ml
Bupropion	4.739	74924	1786.40	59.1	241.92	479089	5.0750 ng/ml
Carisoprodol	5.707	50909	54771.57	56.7	203.75	479529	4.9716 ng/ml
Citalopram	5.183	53276	6486.39	41.7	1120.00	452621	5.0102 ng/ml
Clonazepam	5.588	72326	1443.81	33.7	1795.14	160656	4.7600 ng/ml
Cocaine	4.223	89594	5247.95	45.2	383.61	1301539	5.3892 ng/ml
Codeine	2.509	10221	3115.99	105.3	60857.53	91628	4.9392 ng/ml
Cyclobenzaprine	5.598	42095	479267.51	8.4	213.61	317699	5.1452 ng/ml
Dextromethorphan	5.219	30285	592.54	77.4	109.91	267763	5.2119 ng/ml
Dextrorphan	4.077	23848	1584.63	208.2	4642.99	584027	5.2541 ng/ml
Diazepam	5.936	39847	625.26	87.1	527.35	372491	5.0191 ng/ml
Dihydrocodeine	2.481	25724	342.94	63.1	264.70	263883	4.9081 ng/ml
Diphenhydramine	5.247	125287	559.82	32.3	1086.52	1626460	5.4013 ng/ml
Doxylamine	4.487	196585	1168.63	95.9	154194.21	1565165	4.8247 ng/ml
EDDP	5.211	52691	1345.48	42.2	722.92	544650	5.0695 ng/ml
Fentanyl	5.047	4435	80.54	63.2	7228.98	369624	0.5118 ng/ml
Fluoxetine	5.690	52196	692.62	7.9	9801.72	392743	5.3399 ng/ml
Hydrocodone	2.959	33977	542.90	38.2	247.15	417170	4.6906 ng/ml
Hydromorphone	1.561	29476	380.80	73.4	264.65	175647	5.0961 ng/ml
Ketamine	4.003	77676	1539.26	38.1	249.77	644956	4.9468 ng/ml
Lamotrigine	4.232	6392	543.79	83.6	1371.28	644956	4.7514 ng/ml
Lorazepam	5.729	60218	∞	55.9	205.98	160656	4.9732 ng/ml
MDA	3.137	102355	4469.73	21.3	386.83	451370	4.8292 ng/ml
MDMA	3.237	68125	∞	65.7	1157.81	129553	4.9871 ng/ml
Meprobamate	4.869	28005	∞	26.8	188.71	257909	4.8903 ng/ml
Methadone	5.629	82506	3961.88	52.2	1470.19	736103	5.4187 ng/ml



# AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.165	89598	148.28	42.0	298.57	755405	4.8146 ng/ml
Metoprolol	4.285	14542	∞	99.7	426.31	1710828	4.8444 ng/ml
Mirtazapine	4.575	93942	1781.24	48.4	18091.08	761916	5.3044 ng/ml
Mitragynine	5.188	16101	55257.91	37.8	7812.23	736103	4.9233 ng/ml
Morphine	1.206	4241	83.68	23.6	855.11	9292	5.0056 ng/ml
Norbuprenorphine	4.944	302	22.21	67.8	15.97	21800	0.4993 ng/ml
Nordiazepam	5.882	38185	3460.52	56.8	415.09	243220	4.9882 ng/ml
Norfentanyl	4.037	13860	5456.83	36.6	87.48	1209982	0.5135 ng/ml
Norhydrocodone	3.014	3944	229.91	42.8	249.01	76726	5.2408 ng/ml
Noroxycodone	2.852	29563	226.91	46.7	12.72	197157	4.9951 ng/ml
O-desmethyl-tramadol	3.323	173622	2215.34	6.2	250.41	1779510	5.0589 ng/ml
Oxazepam	5.732	68763	∞	69.5	353.59	799073	4.9712 ng/ml
Oxycodone	2.769	67850	573.84	30.5	473.83	562725	4.9563 ng/ml
Oxymorphone	1.363	28472	∞	46.8	411.35	188841	4.9626 ng/ml
Phentermine	3.730	25591	287.29	3.4	28.93	652335	4.9153 ng/ml
Promethazine	5.515	86161	1848.82	31.3	275.20	738660	5.2628 ng/ml
Quetiapine	5.525	56000	10244.42	59.2	104.30	136796	5.0361 ng/ml
Sertraline	5.758	27294	397.83	90.2	55921.09	203851	5.2097 ng/ml
Temazepam	5.799	114519	575.85	30.1	217.54	1046711	5.0979 ng/ml
Tramadol	4.197	174126	1110.14	3.3	78.25	1710828	4.9058 ng/ml
Trazodone	5.093	69097	16570.13	77.4	10329.32	533120	5.0227 ng/ml
Venlafaxine	4.994	127410	4342.80	36.5	430.42	1299783	5.4779 ng/ml
Zolpidem	4.858	174005	12788.21	30.7	∞	1610297	4.8514 ng/ml

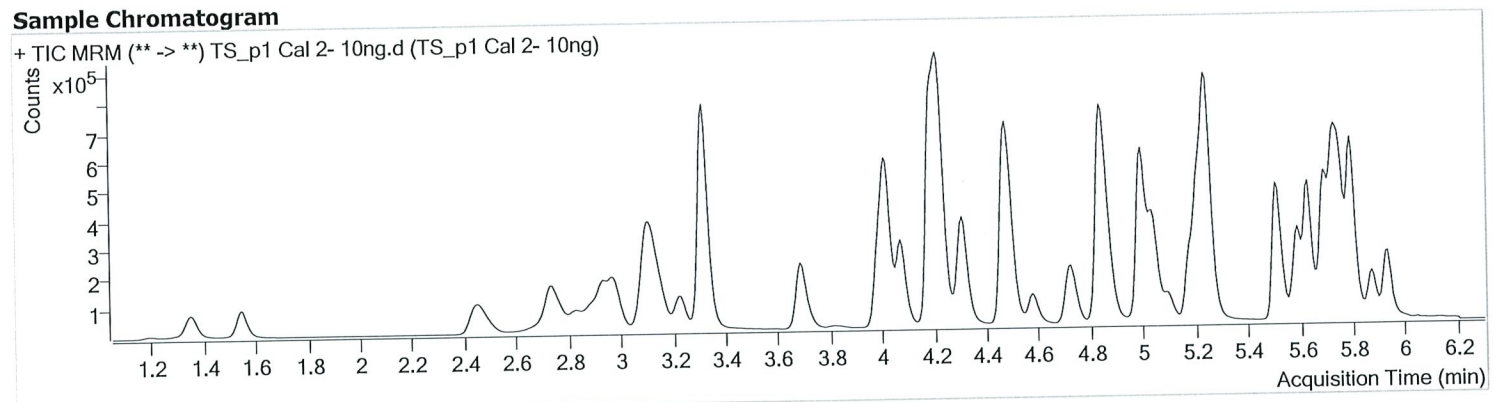
# AM #28 Multi-Drug Quant. Results

TS



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

**Instrument** Falco **Data File** TS\_p1 Cal 2- 10ng.d  
**Type** Cal **Sample** TS\_p1 Cal 2- 10ng  
**Acq. Method** MDQ P1 060520.m **Operator** Tamara Salazar  
**Sample Position** P2-G12 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 6/30/2020 5:46:06 PM  
**Sample Info.**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	3485	3840.90	69.0	539.99	72198	0.9746 ng/ml
7-aminoclonazepam	4.223	74519	328.21	84.3	688.85	276051	9.7096 ng/ml
a-hydroxyalprazolam	5.674	31237	619.22	62.3	610.99	74374	10.2883 ng/ml
alpha-PVP	4.315	165346	643.45	52.0	735.92	721474	10.0439 ng/ml
Alprazolam	5.751	101188	675.23	106.8	403.16	294653	9.8866 ng/ml
Amphetamine	2.977	270339	5457.43	52.6	3994.34	284443	9.8358 ng/ml
Benzoylcegonine	3.838	6315	244.32	8.2	19.77	18316	9.5387 ng/ml
Buprenorphine	5.802	4288	76.14	14.6	72.36	179398	0.9690 ng/ml
Bupropion	4.739	127457	1233.79	60.4	665.01	436053	9.6282 ng/ml
Carisoprodol	5.700	98067	14651.55	54.6	∞	450122	10.1667 ng/ml
Citalopram	5.176	101441	943.11	41.0	18868.82	434734	10.1093 ng/ml
Clonazepam	5.588	135850	291.69	33.4	1710.90	153397	10.4743 ng/ml
Cocaine	4.216	171430	633.79	45.6	4163.28	1287174	9.9823 ng/ml
Codeine	2.503	19759	342.33	104.5	198.34	89724	10.0812 ng/ml
Cyclobenzaprine	5.598	79697	∞	8.6	42.94	317161	9.6945 ng/ml
Dextromethorphan	5.219	57184	1198.78	79.3	1304.02	264639	9.9866 ng/ml
Dextrorphan	4.077	44046	2709.01	217.8	1339.63	565958	9.8409 ng/ml
Diazepam	5.936	70533	429.44	88.3	587.90	337326	9.9387 ng/ml
Dihydrocodeine	2.475	49502	336.53	63.5	369.23	262817	10.0592 ng/ml
Diphenhydramine	5.247	237249	6452.27	32.6	1651.62	1586526	10.0271 ng/ml
Doxylamine	4.487	374095	20447.22	96.9	12450.55	1530219	9.8012 ng/ml
EDDP	5.211	118861	1590.47	42.0	68654.07	623856	9.9545 ng/ml
Fentanyl	5.047	8071	130.81	67.3	3148.35	363748	0.9673 ng/ml
Fluoxetine	5.690	96590	∞	8.6	168.98	378978	10.0274 ng/ml
Hydrocodone	2.959	65208	158.98	37.9	160.20	387586	10.6637 ng/ml
Hydromorphone	1.553	54309	375.05	77.9	635.47	176833	9.5338 ng/ml
Ketamine	4.003	145731	69520.51	39.3	283.73	629350	10.0159 ng/ml
Lamotrigine	4.232	12556	558.71	81.6	4271.53	629350	10.5936 ng/ml
Lorazepam	5.729	108524	617.46	57.4	∞	153397	9.9871 ng/ml
MDA	3.137	192919	2574.31	21.5	1570.91	429970	10.2918 ng/ml
MDMA	3.231	130887	∞	66.5	1774.91	125573	10.0962 ng/ml
Meprobamate	4.869	51712	2362.56	25.7	882.55	250355	10.1907 ng/ml
Metadone	5.629	158596	6618.63	53.3	719.00	737626	9.9997 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	162782	862.88	42.2	456.08	724064	10.2526 ng/ml
Metoprolol	4.285	29692	∞	93.7	600.03	1687798	10.3338 ng/ml
Mirtazapine	4.575	176750	6598.73	48.4	2268.16	721474	9.4808 ng/ml
Mirtagynine	5.181	31950	17183.32	37.0	776.25	737626	9.9840 ng/ml
Morphine	1.200	8065	362.57	22.5	82.62	9162	9.8427 ng/ml
Norbuprenorphine	4.937	532	27.81	73.5	25.55	20961	1.0214 ng/ml
Nordiazepam	5.882	68486	42511.24	58.2	3151.34	221538	10.0130 ng/ml
Norfentanyl	4.037	26912	900.79	35.2	96.05	1201338	0.9769 ng/ml
Norhydrocodone	3.007	7106	99.18	44.3	∞	71416	9.5824 ng/ml
Noroxycodone	2.845	57959	555.08	48.1	810.56	194734	10.0288 ng/ml
O-desmethyl-tramadol	3.323	333927	5067.33	6.1	395.01	1751425	9.8549 ng/ml
Oxazepam	5.732	121948	2012.00	87.5	∞	745958	9.9301 ng/ml
Oxycodone	2.762	131835	1043.02	31.0	2882.06	558260	10.0378 ng/ml
Oxymorphone	1.356	54947	1427.06	46.5	551.75	191438	10.0020 ng/ml
Phentermine	3.723	47805	∞	3.5	80.86	631554	10.2124 ng/ml
Promethazine	5.508	164594	3227.48	30.5	278.51	704806	10.1561 ng/ml
Quetiapine	5.525	105264	12089.69	61.0	∞	137282	9.8600 ng/ml
Sertraline	5.758	49742	184.21	90.3	371.39	200900	9.6738 ng/ml
Temazepam	5.799	211499	∞	30.8	92.69	1009230	9.7673 ng/ml
Tramadol	4.197	334915	38885.99	3.4	487.23	1687798	10.1432 ng/ml
Trazodone	5.093	129050	27494.82	78.4	27117.66	533844	9.8247 ng/ml
Venlafaxine	4.994	239158	1309.11	36.9	380.44	1256177	10.0972 ng/ml
Zolpidem	4.858	341891	64506.65	30.5	∞	1616603	10.2045 ng/ml



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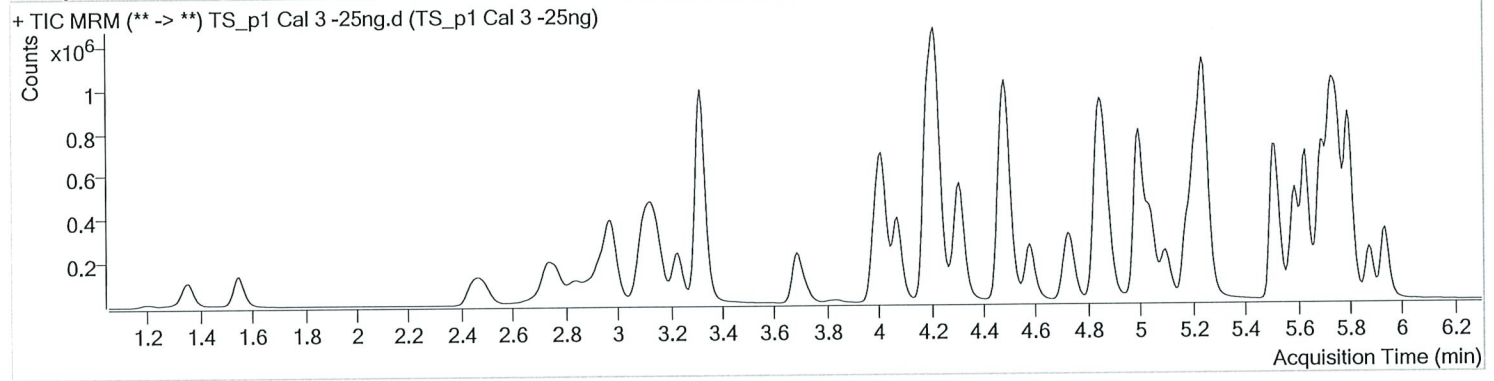


# AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 Cal 3 -25ng.d
<b>Type</b>	Cal	<b>Sample</b>	TS_p1 Cal 3 -25ng
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 5:56:41 PM		
<b>Sample Info.</b>			

### Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	8556	841.49	71.7	452.76	75431	2.3918 ng/ml
7-aminoclonazepam	4.223	190302	337.45	82.4	5471.00	280710	25.1639 ng/ml
a-hydroxyalprazolam	5.674	82449	630.94	62.3	705.49	79885	25.8710 ng/ml
alpha-PVP	4.315	432740	11174.63	51.2	1942.03	767241	23.7853 ng/ml
Alprazolam	5.751	263965	1722.40	106.1	1089.36	307979	24.4445 ng/ml
Amphetamine	2.977	653705	4240.16	52.0	5051.63	286050	27.1683 ng/ml
Benzoylcegonine	3.838	16776	361.25	8.3	70.62	18725	23.7199 ng/ml
Buprenorphine	5.802	11734	142.10	16.0	182.70	194875	2.3152 ng/ml
Bupropion	4.733	341078	9132.54	60.2	850.85	460867	24.6297 ng/ml
Carisoprodol	5.700	247844	∞	55.0	2899.90	469998	24.5594 ng/ml
Citalopram	5.176	253779	1654.55	43.8	1419.94	454154	24.4609 ng/ml
Clonazepam	5.581	343348	5391.47	33.1	∞	162993	26.4975 ng/ml
Cocaine	4.216	429449	1873995.87	45.1	2902.22	1293596	24.1724 ng/ml
Codeine	2.503	50140	623.08	104.2	808.87	92980	25.1772 ng/ml
Cyclobenzaprine	5.598	215247	2214.80	9.9	267.06	352559	23.4533 ng/ml
Dextromethorphan	5.219	146487	∞	79.3	3171.97	277703	24.4250 ng/ml
Dextrorphan	4.070	114834	2437.10	208.0	20285.29	578475	24.8054 ng/ml
Diazepam	5.936	193014	2004.57	88.7	1974.88	376650	24.5523 ng/ml
Dihydrocodeine	2.481	126716	731.84	64.3	3507.76	268333	26.1520 ng/ml
Diphenhydramine	5.247	606156	26196.81	33.1	18185.72	1632526	24.1744 ng/ml
Doxylamine	4.487	924438	1185.59	98.2	40369.83	1553907	24.4721 ng/ml
EDDP	5.211	295200	12581.91	43.8	223604.18	647201	23.7889 ng/ml
Fentanyl	5.047	21896	39884.93	65.7	68557.92	400413	2.4197 ng/ml
Fluoxetine	5.690	268066	6241.71	8.5	∞	425880	24.4230 ng/ml
Hydrocodone	2.959	164395	∞	38.9	211.09	406562	26.9123 ng/ml
Hydromorphone	1.553	138247	∞	75.7	744.34	173835	25.0841 ng/ml
Ketamine	3.996	370708	725.13	38.4	475.24	649036	25.5081 ng/ml
Lamotrigine	4.232	31047	3746.52	79.7	6926.17	649036	26.8193 ng/ml
Lorazepam	5.729	283784	957.24	55.6	768.73	162993	25.5666 ng/ml
MDA	3.130	479624	20793.30	21.3	3175.80	437201	26.2516 ng/ml
MDMA	3.231	322174	15860.61	67.4	7282.60	129107	24.4705 ng/ml
Meprobamate	4.869	125376	4260.09	26.5	742.76	251710	25.9643 ng/ml
Methadone	5.629	408789	∞	52.5	10907.75	778317	23.8068 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	391328	591.33	42.5	510.00	724193	26.4091 ng/ml
Metoprolol	4.278	73402	3041.92	96.7	1669.06	1714874	25.5550 ng/ml
Mirtazapine	4.575	453006	40382.79	48.3	4876.47	767241	21.3367 ng/ml
Mitragynine	5.181	86688	7106.49	37.7	90851.12	778317	26.0485 ng/ml
Morphine	1.206	20003	1000.71	22.2	764.76	8997	25.1652 ng/ml
Norbuprenorphine	4.944	1257	68.84	89.7	49.97	23003	2.3491 ng/ml
Nordiazepam	5.882	183356	1746.93	59.0	2139.27	243435	24.6791 ng/ml
Norfentanyl	4.037	65755	2359.33	37.6	299.35	1208072	2.3326 ng/ml
Norhydrocodone	3.007	17665	208.27	42.2	∞	72298	22.6534 ng/ml
Noroxycodone	2.845	144435	762.63	49.4	1698.06	197739	24.7804 ng/ml
O-desmethyl-tramadol	3.317	843254	30877.61	6.1	1027.52	1793100	24.2603 ng/ml
Oxazepam	5.732	318214	9830.47	70.1	∞	786110	25.3859 ng/ml
Oxycodone	2.762	334182	2117.35	30.7	1051.26	576737	25.1305 ng/ml
Oxymorphone	1.356	136563	∞	47.2	3552.92	195425	25.2321 ng/ml
Phentermine	3.723	112523	2002.08	3.7	158.90	634703	24.9702 ng/ml
Promethazine	5.508	456114	1266.17	31.2	1981.59	801206	24.2122 ng/ml
Quetiapine	5.525	265246	57500.75	61.1	224663.68	143872	24.3945 ng/ml
Sertraline	5.758	137418	4285.93	92.3	24336.63	220605	24.4092 ng/ml
Temazepam	5.799	559727	3335.69	29.6	871.91	1082838	24.0957 ng/ml
Tramadol	4.197	825187	1987.00	3.4	295.87	1714874	25.4653 ng/ml
Trazodone	5.093	339345	295616.91	76.6	71361.87	569927	24.9713 ng/ml
Venlafaxine	4.994	595799	3515.56	36.5	857.08	1277271	23.9047 ng/ml
Zolpidem	4.858	857892	293608.30	31.1	163042.05	1652193	26.1328 ng/ml



# AM #28 Multi-Drug Quant. Results

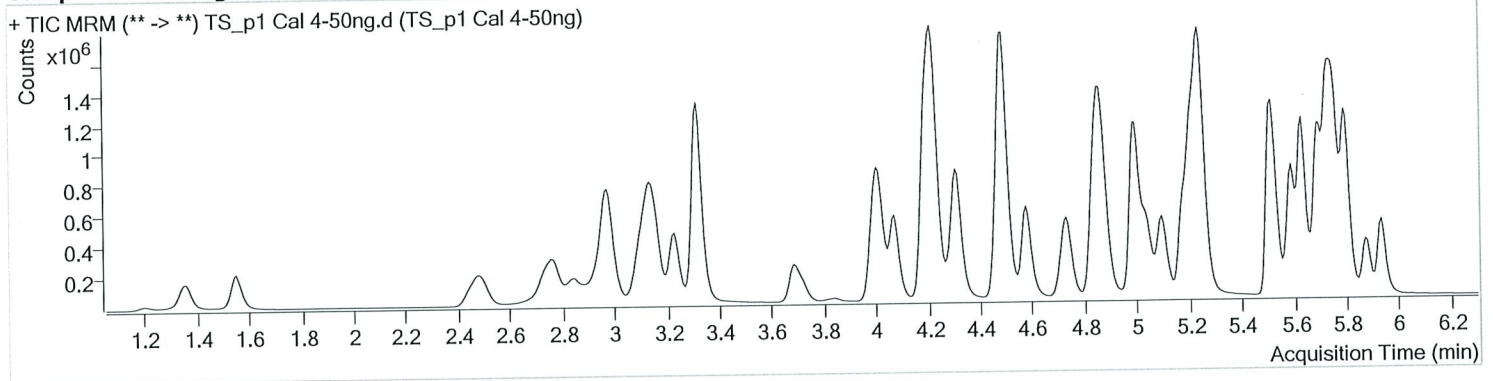


Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

**Instrument** Falco  
**Type** Cal  
**Acq. Method** MDQ P1 060520.m  
**Sample Position** P2-E12  
**Injection Volume** 2  
**Acq. Date-Time** 6/30/2020 6:07:16 PM  
**Sample Info.**

**Data File** TS\_p1 Cal 4-50ng.d  
**Sample** TS\_p1 Cal 4-50ng  
**Operator** Tamara Salazar  
**Comment**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	17769	19423.01	70.6	17067.89	74195	5.1337 ng/ml
7-aminoclonazepam	4.223	371469	59289.66	81.7	∞	267239	52.1378 ng/ml
a-hydroxyalprazolam	5.674	158280	1537.03	61.9	2557.96	73616	54.3316 ng/ml
alpha-PVP	4.315	928467	3152.44	50.9	2073.36	782159	49.3537 ng/ml
Alprazolam	5.751	509679	1648.19	106.7	1494.76	290004	49.9626 ng/ml
Amphetamine	2.977	1350862	10582.02	52.0	20891.24	290929	57.7857 ng/ml
Benzoylcegonine	3.838	34357	598.17	7.7	∞	18417	48.6677 ng/ml
Buprenorphine	5.802	27925	546.96	16.3	349.33	222190	4.7426 ng/ml
Bupropion	4.733	721338	3440.24	60.5	5576.33	471198	51.1222 ng/ml
Carisoprodol	5.700	482641	5723.23	54.2	7086.45	445712	50.3960 ng/ml
Citalopram	5.176	590315	2323.02	42.8	27634.86	508280	51.0339 ng/ml
Clonazepam	5.581	657075	3557.19	33.4	∞	153576	55.0022 ng/ml
Cocaine	4.216	882428	∞	45.1	48698.07	1262619	50.3621 ng/ml
Codeine	2.503	100855	832.83	104.3	692.99	90481	52.4042 ng/ml
Cyclobenzaprine	5.598	525459	2100184.80	9.4	699.56	409211	49.2497 ng/ml
Dextromethorphan	5.212	351413	4284.38	78.8	1001.34	324514	50.1758 ng/ml
Dextrophan	4.070	240814	1941.07	213.9	9173.66	597077	50.2011 ng/ml
Diazepam	5.936	390360	927.80	88.3	5885.60	367788	50.9956 ng/ml
Dihydrocodeine	2.481	254257	1714.57	65.0	1260.66	269078	52.9474 ng/ml
Diphenhydramine	5.247	1441803	34126.71	32.7	2452.60	1886065	49.2559 ng/ml
Doxylamine	4.487	1973242	326021.23	98.0	133973.40	1582135	51.7798 ng/ml
EDDP	5.211	686883	2214.65	43.6	794.30	720546	49.6855 ng/ml
Fentanyl	5.047	53421	12296.08	67.0	55632.20	483135	4.9178 ng/ml
Fluoxetine	5.690	647813	4853.88	8.8	959.46	505216	49.5119 ng/ml
Hydrocodone	2.959	339712	369.79	38.1	807.59	410074	56.0953 ng/ml
Hydromorphone	1.553	271490	∞	78.6	∞	167566	51.3622 ng/ml
Ketamine	3.996	752989	4382.89	39.0	1870.87	648476	52.4226 ng/ml
Lamotrigine	4.232	61518	5147.05	80.9	12794.30	648476	54.1859 ng/ml
Lorazepam	5.729	539478	3883.60	55.3	7509.75	153576	52.2710 ng/ml
MDA	3.130	998301	34580.23	21.3	3425.87	444967	54.4738 ng/ml
MDMA	3.231	692270	28388.92	67.9	22356.44	134080	50.8598 ng/ml
Meprobamate	4.869	239037	125919.88	26.0	14507.00	239228	53.0761 ng/ml
Methadone	5.629	981701	41735.35	52.7	2290.52	900091	48.9740 ng/ml



# AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	806020	3937.78	41.9	2755.76	727119	55.4992 ng/ml
Metoprolol	4.278	153382	2769.47	95.7	4261.07	1716053	53.6763 ng/ml
Mirtazapine	4.575	1052437	68521.70	48.6	14080.20	782159	47.2526 ng/ml
Mitragynine	5.181	203758	28564.72	38.1	244199.10	900091	53.1903 ng/ml
Morphine	1.206	39886	825.30	23.2	72.32	8701	52.0963 ng/ml
Norbuprenorphine	4.937	3014	162.58	89.8	294.68	26386	5.0476 ng/ml
Nordiazepam	5.882	369602	3070.31	58.6	2339.75	234872	51.7751 ng/ml
Norfentanyl	4.037	138881	3758.11	37.7	489.80	1202260	4.9183 ng/ml
Norhydrocodone	3.007	33794	1372.71	42.3	129.34	66444	46.5056 ng/ml
Noroxycodone	2.845	285421	2949.99	49.8	2333.72	193118	50.2594 ng/ml
O-desmethyl-tramadol	3.317	1731437	8269.13	6.0	3025.72	1764852	50.5753 ng/ml
Oxazepam	5.732	611878	∞	70.5	∞	739587	52.4477 ng/ml
Oxycodone	2.762	683176	3011.01	31.1	3321.51	570366	52.3169 ng/ml
Oxymorphone	1.356	271105	∞	47.0	∞	189630	52.2633 ng/ml
Phentermine	3.723	240274	3117.10	3.3	380.81	648337	53.0526 ng/ml
Promethazine	5.508	1126157	1528.64	31.4	7323.34	976715	48.6493 ng/ml
Quetiapine	5.525	604194	1194.74	61.1	293.73	157029	51.4433 ng/ml
Sertraline	5.758	334450	795.51	89.9	9545.58	259715	50.5116 ng/ml
Temazepam	5.799	1124770	14333.05	29.4	6433.23	1048752	49.9969 ng/ml
Tramadol	4.197	1699695	3073.38	3.4	1557.68	1716053	53.0615 ng/ml
Trazodone	5.093	802802	∞	77.8	4410.39	662331	51.3805 ng/ml
Venlafaxine	4.994	1280625	3141.36	36.9	2710.89	1329672	48.7439 ng/ml
Zolpidem	4.858	1749072	152270.75	30.6	∞	1650769	54.0968 ng/ml

# AM #28 Multi-Drug Quant. Results



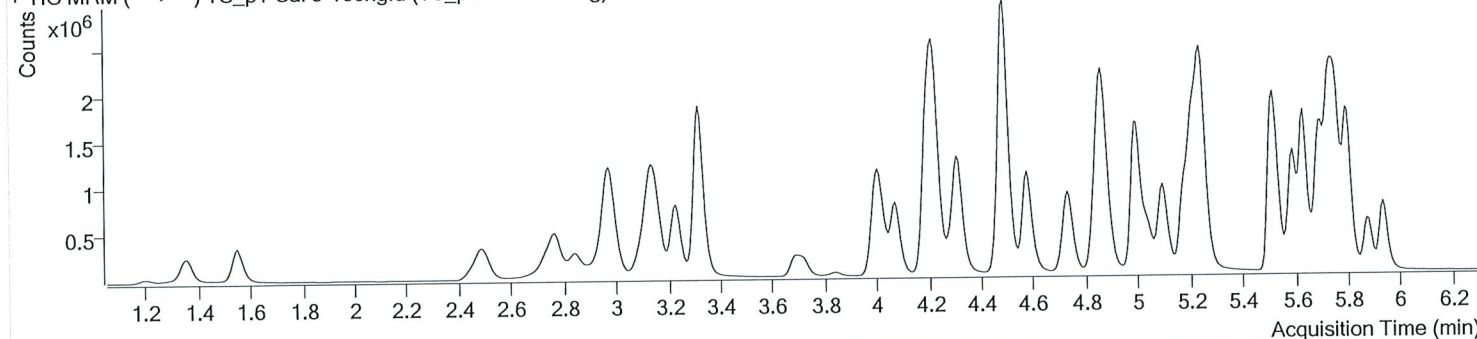
TS

**Batch results** D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
**Calibration Last Update** 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 Cal 5-100ng.d
<b>Type</b>	Cal	<b>Sample</b>	TS_p1 Cal 5-100ng
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-D12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 6:17:51 PM		
<b>Sample Info.</b>			

## Sample Chromatogram

+ TIC MRM (\*\* -> \*\*) TS\_p1 Cal 5-100ng.d (TS\_p1 Cal 5-100ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	33494	30877.53	70.4	1572.72	71894	10.0579 ng/ml
7-aminoclonazepam	4.223	662548	13952.90	81.6	17666.37	239834	104.1279 ng/ml
a-hydroxyalprazolam	5.674	289890	1445.46	62.0	2836.24	71480	102.8399 ng/ml
alpha-PVP	4.315	1682950	3238.30	50.5	33377.01	718554	96.7563 ng/ml
Alprazolam	5.751	939435	3221.31	104.8	4868.91	264871	100.6718 ng/ml
Amphetamine	2.977	2212691	18825.28	51.7	11446.72	256443	109.5306 ng/ml
Benzoylcegonine	3.838	67788	966.50	7.9	∞	18413	95.3942 ng/ml
Buprenorphine	5.809	53357	785.66	16.5	∞	203985	9.7811 ng/ml
Bupropion	4.733	1359310	5018.84	60.4	28044.58	451381	100.7247 ng/ml
Carisoprodol	5.700	870804	1201.85	54.7	8566.93	404254	100.2181 ng/ml
Citalopram	5.176	1065139	4255.20	42.9	2609.26	474022	98.9067 ng/ml
Clonazepam	5.581	1199229	5313.45	33.5	665.16	146032	106.6264 ng/ml
Cocaine	4.216	1538433	96005.19	45.8	256692.88	1153078	95.7105 ng/ml
Codeine	2.509	184194	888.76	103.0	7888.53	83240	104.3667 ng/ml
Cyclobenzaprine	5.598	955024	∞	9.5	881.14	372970	98.1392 ng/ml
Dextromethorphan	5.212	633873	23449.76	79.1	1266.70	298803	98.3248 ng/ml
Dextrophan	4.070	441419	27348.68	211.6	3282.05	556080	98.6195 ng/ml
Diazepam	5.936	716791	4809.52	87.6	8116.82	339356	101.6179 ng/ml
Dihydrocodeine	2.481	466945	8263.47	64.0	5350.58	253696	103.7194 ng/ml
Diphenhydramine	5.247	2621876	2154.38	32.7	3706.85	1746229	96.2735 ng/ml
Doxylamine	4.487	3686705	236673.74	98.0	109818.19	1495217	102.7900 ng/ml
EDDP	5.211	1264491	2287.75	43.3	774034.54	682624	96.5195 ng/ml
Fentanyl	5.047	102343	2249.16	65.7	5107.97	452573	10.0831 ng/ml
Fluoxetine	5.690	1158874	36052.87	8.7	549.81	458175	97.4399 ng/ml
Hydrocodone	2.959	603076	∞	38.4	225.43	386581	106.4429 ng/ml
Hydromorphone	1.553	506543	∞	78.6	∞	158396	101.6224 ng/ml
Ketamine	3.996	1377306	2326.94	39.0	1343.49	609631	102.5143 ng/ml
Lamotrigine	4.232	107371	13233.20	82.7	65622.46	609631	101.4700 ng/ml
Lorazepam	5.729	915872	5192.55	56.4	6104.95	146032	93.8563 ng/ml
MDA	3.130	1767510	40453.39	21.2	8173.84	408568	105.7380 ng/ml
MDMA	3.231	1265699	100209.62	67.5	66475.98	124327	100.4918 ng/ml
Meprobamate	4.869	418393	1303.15	26.1	3493.71	220690	101.5876 ng/ml
Methadone	5.629	1826348	27749.29	52.2	47413.59	845071	96.6207 ng/ml

# AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	1230822	2264.44	42.3	5341.88	586162	106.2548 ng/ml
Metoprolol	4.278	277962	6687.65	96.3	7442.51	1579059	105.9911 ng/ml
Mirtazapine	4.575	1949458	31137.40	48.1	129399.31	718554	94.1848 ng/ml
Mitragynine	5.181	372998	43191.14	37.5	8384.15	845071	103.9365 ng/ml
Morphine	1.200	75471	971.02	22.8	1677.53	8355	102.8615 ng/ml
Norbuprenorphine	4.944	5704	188.58	82.6	119.33	24620	10.3708 ng/ml
Nordiazepam	5.882	673432	3645.89	59.0	2735.60	218684	101.5082 ng/ml
Norfentanyl	4.037	255779	29878.27	37.8	1123.34	1124524	9.6565 ng/ml
Norhydrocodone	3.007	61563	536.68	43.4	350.04	59660	93.7342 ng/ml
Noroxycodone	2.845	532680	∞	48.3	5344.83	178630	101.5239 ng/ml
O-desmethyl-tramadol	3.317	3218293	157628.70	6.0	1947.90	1670463	99.2871 ng/ml
Oxazepam	5.732	1059672	∞	73.3	5741.54	657106	102.7449 ng/ml
Oxycodone	2.762	1274296	39869.34	31.2	3004.13	540947	103.2245 ng/ml
Oxymorphone	1.356	503629	∞	47.6	1482.58	178421	103.7865 ng/ml
Phentermine	3.723	408655	3235.79	3.5	1647.29	576211	102.2415 ng/ml
Promethazine	5.508	2094560	105129.59	31.0	1262.27	904125	97.3654 ng/ml
Quetiapine	5.525	1103278	131877.77	59.2	327.51	143489	103.2898 ng/ml
Sertraline	5.758	576568	1504.97	92.0	61308.38	229275	98.6844 ng/ml
Temazepam	5.799	2082468	2000.80	29.3	20726.67	995056	97.5652 ng/ml
Tramadol	4.197	3042813	11178.80	3.4	1396.24	1579059	103.8086 ng/ml
Trazodone	5.093	1482542	∞	78.5	9272.55	615923	102.5545 ng/ml
Venlafaxine	4.994	2352562	∞	36.1	8100.02	1223039	96.7779 ng/ml
Zolpidem	4.858	3210135	151034.65	30.6	597234.70	1561360	105.6683 ng/ml



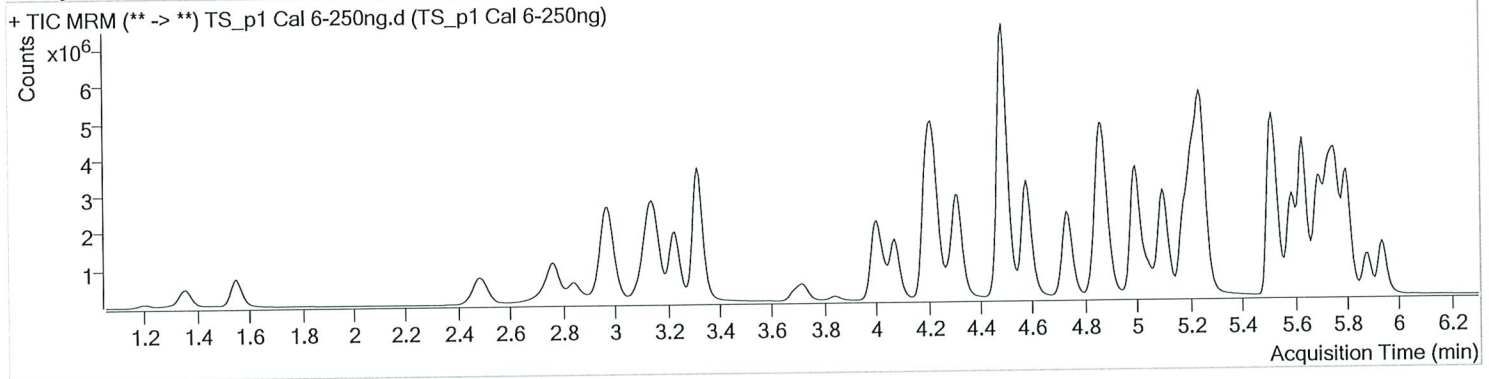
# AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

**Instrument** Falco **Data File** TS\_p1 Cal 6-250ng.d  
**Type** Cal **Sample** TS\_p1 Cal 6-250ng  
**Acq. Method** MDQ P1 060520.m **Operator** Tamara Salazar  
**Sample Position** P2-C12 **Comment**  
**Injection Volume** 2  
**Acq. Date-Time** 6/30/2020 6:28:26 PM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	86159	3720.92	70.6	1047.88	72365	25.8219 ng/ml
7-aminoclonazepam	4.223	1247158	4894.33	82.2	935.81	183609	256.7811 ng/ml
a-hydroxyalprazolam	5.674	609538	∞	63.0	4177.99	62175	249.1701 ng/ml
alpha-PVP	4.315	4382459	3525.93	50.2	23714.42	738489	244.1756 ng/ml
Alprazolam	5.751	1978307	2337.20	105.6	2094.76	223788	250.6891 ng/ml
Amphetamine	2.977	5302097	76270.83	51.1	∞	293671	231.9248 ng/ml
Benzoylcegonine	3.838	199846	3265.58	7.8	1979.21	20546	250.9461 ng/ml
Buprenorphine	5.809	157059	1149.47	16.5	∞	235510	24.8091 ng/ml
Bupropion	4.733	3891664	6290.89	60.1	2754.19	515694	252.6558 ng/ml
Carisoprodol	5.707	1666895	1237.57	54.3	786.09	310204	249.9498 ng/ml
Citalopram	5.176	2907333	8184.89	42.3	1191.67	511171	250.6255 ng/ml
Clonazepam	5.581	2419300	6545.66	32.8	3568.99	122622	257.7831 ng/ml
Cocaine	4.216	3711054	279154.90	44.2	99931.03	1074153	247.0835 ng/ml
Codeine	2.503	422613	742.87	103.9	1329.28	78718	253.6984 ng/ml
Cyclobenzaprine	5.598	2804585	3670.56	9.4	268.03	418608	256.6672 ng/ml
Dextromethorphan	5.219	1683861	2736.60	79.1	1095.02	313258	249.1928 ng/ml
Dextrophan	4.070	1133442	4140.22	212.9	2488.13	569622	246.9208 ng/ml
Diazepam	5.936	1642270	1841.37	86.8	854.45	312608	252.9412 ng/ml
Dihydrocodeine	2.481	1124714	2198.60	64.8	31532.17	261035	243.6299 ng/ml
Diphenhydramine	5.247	7627358	4443.08	32.2	1706.95	1971797	247.2643 ng/ml
Doxylamine	4.487	9959792	339119.73	97.5	385281.12	1601346	259.9476 ng/ml
EDDP	5.211	3510100	3872.46	43.0	1365.70	744907	245.4797 ng/ml
Fentanyl	5.047	326045	800.77	66.3	640268.03	578050	25.1868 ng/ml
Fluoxetine	5.690	3311059	1452.78	8.6	385316.26	513993	247.8063 ng/ml
Hydrocodone	2.953	1367899	∞	37.8	828.86	380863	246.2492 ng/ml
Hydromorphone	1.553	1210045	1350.57	78.6	∞	153615	250.6793 ng/ml
Ketamine	3.996	3444250	5733.76	38.8	6473.12	620617	252.6179 ng/ml
Lamotrigine	4.232	219506	11614.23	81.8	41326.26	620617	204.7945 ng/ml
Lorazepam	5.722	1516062	∞	55.5	7156.60	122622	185.6801 ng/ml
MDA	3.130	3741599	13052.02	20.3	10416.90	380116	241.5482 ng/ml
MDMA	3.231	3251604	378939.76	66.9	29427.42	127460	252.1433 ng/ml
Meprobamate	4.869	742093	18303.16	26.0	17766.85	180282	221.7221 ng/ml
Methadone	5.629	5417361	10167.13	50.5	3593.01	958966	251.8660 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	3869074	6609.62	41.7	1918.79	762905	258.4109 ng/ml
Metoprolol	4.278	677834	13712.26	97.0	15049.40	1581241	258.5240 ng/ml
Mirtazapine	4.575	5746748	58922.99	47.7	174764.71	738489	268.1453 ng/ml
Mitragynine	5.181	1031922	122799.69	39.7	35140.13	958966	253.7396 ng/ml
Morphine	1.200	191006	6304.24	22.4	288.09	8443	257.8932 ng/ml
Norbuprenorphine	4.944	17556	837.13	85.8	135.74	31476	25.1453 ng/ml
Nordiazepam	5.882	1533920	24324.80	57.9	30719.87	199312	253.9790 ng/ml
Norfentanyl	4.037	679565	34410.66	37.3	4085.68	1135719	25.3561 ng/ml
Norhydrocodone	3.007	135919	363.78	43.4	142.41	49210	249.8842 ng/ml
Noroxycodone	2.845	1192249	17110.83	48.8	5026.25	161546	251.4338 ng/ml
O-desmethyl-tramadol	3.317	8056154	16572.58	5.8	1582.58	1618894	256.4051 ng/ml
Oxazepam	5.732	1960439	29083.13	72.2	6872.20	488786	256.3433 ng/ml
Oxycodone	2.762	3156996	6180.77	31.1	3110.08	551324	251.4133 ng/ml
Oxymorphone	1.356	1118322	1699.94	47.4	1217.36	167492	246.3364 ng/ml
Phentermine	3.723	1155609	24800.19	3.2	1875.83	656494	254.9264 ng/ml
Promethazine	5.508	6528461	139091.82	29.4	70104.14	1089985	251.1257 ng/ml
Quetiapine	5.525	2984274	142603.50	59.5	1720.12	159126	252.6388 ng/ml
Sertraline	5.758	1462518	∞	91.1	151613.98	229438	250.2172 ng/ml
Temazepam	5.799	4804457	62919.49	28.2	1880.74	890128	251.6303 ng/ml
Tramadol	4.197	7577117	∞	3.2	1859.06	1581241	259.0501 ng/ml
Trazodone	5.093	4675809	101876.86	77.0	322883.96	769272	259.7758 ng/ml
Venlafaxine	4.994	6200959	∞	35.8	2415.69	1259827	246.7445 ng/ml
Zolpidem	4.858	7866239	∞	29.8	228615.74	1578593	257.1622 ng/ml



# AM #28 Multi-Drug Quant. Results

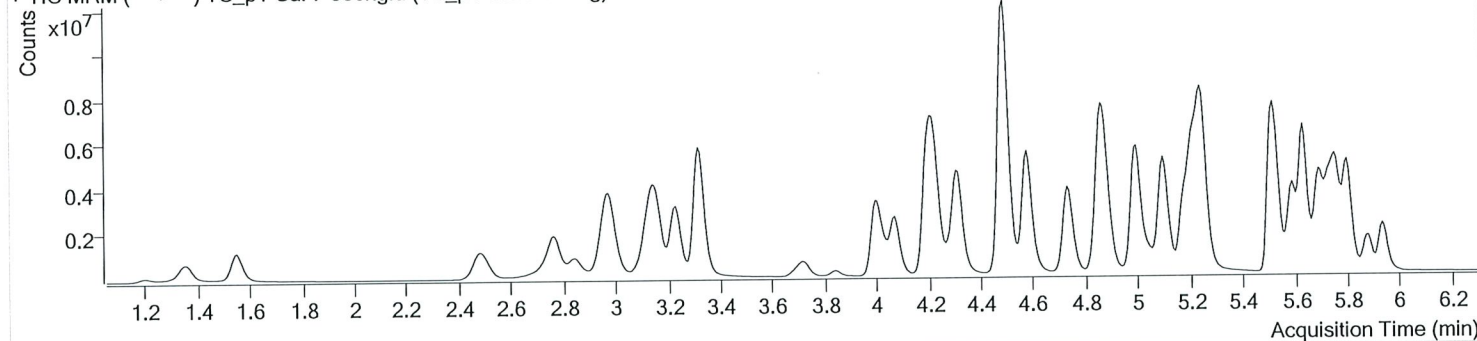


Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 Cal 7-500ng.d
<b>Type</b>	Cal	<b>Sample</b>	TS_p1 Cal 7-500ng
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-B12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 6:39:02 PM		

## Sample Chromatogram

+ TIC MRM (\*\* -> \*\*) TS\_p1 Cal 7-500ng.d (TS\_p1 Cal 7-500ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	162213	2494.11	72.0	1682.75	71206	49.4757 ng/ml
7-aminoclonazepam	4.230	1629070	26197.09	84.1	584.49	122017	505.2227 ng/ml
a-hydroxyalprazolam	5.668	960023	777.49	62.3	∞	51080	478.0615 ng/ml
alpha-PVP	4.315	7688427	351247.48	49.9	170934.20	635696	496.9789 ng/ml
Alprazolam	5.751	3139060	∞	105.4	5678.88	178012	499.9131 ng/ml
Amphetamine	2.977	7995368	75975.22	51.0	33559.18	282844	364.5384 ng/ml
Benzoylcegonine	3.838	437994	6637.97	7.8	1965.24	19982	564.6746 ng/ml
Buprenorphine	5.809	272288	3414.65	16.2	3977.22	198741	50.8810 ng/ml
Bupropion	4.733	6666487	45415.46	59.0	43161.15	446066	500.5233 ng/ml
Carisoprodol	5.707	2309359	∞	54.4	7727.88	215648	498.0911 ng/ml
Citalopram	5.176	4625883	4646.33	41.9	∞	410704	496.4967 ng/ml
Clonazepam	5.581	3491100	∞	32.5	48369.62	98276	465.0581 ng/ml
Cocaine	4.216	6188093	410426.24	43.7	120130.60	889505	497.0498 ng/ml
Codeine	2.509	710179	3521.60	103.3	2568.82	67925	494.3877 ng/ml
Cyclobenzaprine	5.598	4581711	1084.11	9.2	26707.36	340599	515.2681 ng/ml
Dextromethorphan	5.212	2465839	988.85	78.5	3401.74	230609	495.7336 ng/ml
Dextrorphan	4.070	1957216	1832.23	216.8	79935.87	494845	490.6223 ng/ml
Diazepam	5.936	2669285	16839.03	87.8	6031.23	260878	492.7709 ng/ml
Dihydrocodeine	2.475	1987454	42180.05	64.4	∞	251214	447.8586 ng/ml
Diphenhydramine	5.247	12441348	168721.50	32.2	8216.21	1571522	505.5435 ng/ml
Doxylamine	4.487	17402813	371148.81	97.4	835502.68	1496570	486.3845 ng/ml
EDDP	5.211	6473310	3915.79	42.1	7083.62	635027	531.0106 ng/ml
Fentanyl	5.047	584347	4199.04	68.6	84956.13	516988	50.4967 ng/ml
Fluoxetine	5.690	5208708	719781.41	8.6	497955.31	407850	491.0552 ng/ml
Hydrocodone	2.953	2394336	∞	39.0	2269.88	361650	454.6981 ng/ml
Hydromorphone	1.553	2152691	3139.05	75.0	∞	138503	494.8645 ng/ml
Ketamine	3.996	6176474	8528.16	38.1	54906.06	570386	493.4274 ng/ml
Lamotrigine	4.232	308891	11361.50	80.0	61565.10	570386	314.1078 ng/ml
Lorazepam	5.722	1713568	∞	53.7	∞	98276	262.1386 ng/ml
MDA	3.130	5254374	38744.85	20.0	59799.46	306723	420.9337 ng/ml
MDMA	3.231	5531797	249295.62	66.6	∞	110262	496.0740 ng/ml
Meprobamate	4.869	936295	1321.08	26.0	16234.48	138635	364.4137 ng/ml
Methadone	5.629	9013062	5535.84	50.3	3051.39	791064	507.5416 ng/ml



TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	6724521	10083.60	41.3	6810.16	740440	463.7444 ng/ml
Metoprolol	4.278	1134311	3307390.06	95.6	3892.36	1393592	491.1351 ng/ml
Mirtazapine	4.575	10055402	441394.59	47.2	191908.38	635696	543.9498 ng/ml
Mitragynine	5.181	1618294	104586.68	39.9	40035.91	791064	482.5966 ng/ml
Morphine	1.200	324638	7600.06	24.3	2709.22	7995	463.0527 ng/ml
Norbuprenorphine	4.944	31512	385.64	84.1	4572.86	29314	48.5820 ng/ml
Nordiazepam	5.882	2414040	2325.19	58.3	3167.62	162420	490.6788 ng/ml
Norfentanyl	4.037	1259329	71723.74	37.3	26088.75	970133	54.9750 ng/ml
Norhydrocodone	3.007	246842	∞	42.9	384.11	40410	551.9114 ng/ml
Noroxycodone	2.845	1961560	22587.36	47.5	3584.40	133983	498.8869 ng/ml
O-desmethyl-tramadol	3.317	14380935	∞	5.7	2634.21	1457410	508.3883 ng/ml
Oxazepam	5.732	2446634	50924.33	71.1	15900.14	318816	490.9674 ng/ml
Oxycodone	2.762	5811647	∞	30.7	5889.03	523624	487.6277 ng/ml
Oxymorphone	1.350	1904271	∞	47.3	∞	148006	475.2558 ng/ml
Phentermine	3.723	1888763	12306.13	3.1	1361.38	612932	446.8604 ng/ml
Promethazine	5.508	10793392	11465.32	29.3	2862.97	888460	508.9653 ng/ml
Quetiapine	5.525	5002361	354.19	58.5	956.89	132658	508.4720 ng/ml
Sertraline	5.758	2017239	2622.99	90.3	28374.36	153750	515.0685 ng/ml
Temazepam	5.799	7826828	∞	28.3	25209.65	717203	508.7649 ng/ml
Tramadol	4.190	12778103	31485.59	3.2	670.44	1393592	496.2448 ng/ml
Trazodone	5.093	8260843	309656.91	78.8	333159.62	703614	502.2699 ng/ml
Venlafaxine	4.994	10969070	12920.44	35.4	32907.33	1097065	500.6364 ng/ml
Zolpidem	4.858	13813303	∞	29.4	∞	1472752	484.6901 ng/ml

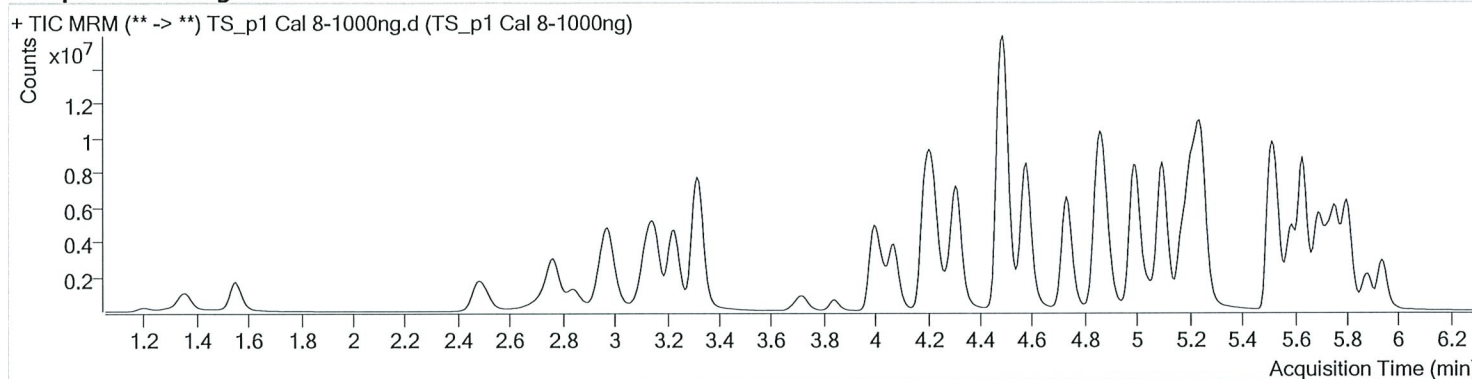
# AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\062920 AM 27\_28 CS TS\QuantResults\TS MDQ P1.batch.bin  
 Calibration Last Update 7/1/2020 3:58:19 PM

<b>Instrument</b>	Falco	<b>Data File</b>	TS_p1 Cal 8-1000ng.d
<b>Type</b>	Cal	<b>Sample</b>	TS_p1 Cal 8-1000ng
<b>Acq. Method</b>	MDQ P1 060520.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-A12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	6/30/2020 6:49:39 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	300738	9444.15	70.4	9372.22	65633	99.5909 ng/ml
7-aminoclonazepam	4.230	1713568	17863.62	86.7	12220.74	66047	982.2640 ng/ml
a-hydroxyalprazolam	5.668	1320026	∞	61.6	∞	37365	898.9483 ng/ml
alpha-PVP	4.315	12818545	611922.30	49.7	3802.28	519436	1013.3787 ng/ml
Alprazolam	5.751	4520734	∞	105.0	1534.57	128230	999.3038 ng/ml
Amphetamine	2.977	10080381	152949.49	50.3	69662.74	227635	572.4907 ng/ml
Benzoylcegonine	3.838	1158839	5462.34	7.8	2120.77	20710	1440.4550 ng/ml
Buprenorphine	5.809	422340	135046.61	16.1	4903.22	138378	113.2456 ng/ml
Bupropion	4.733	11753648	157283.60	59.1	221832.51	395427	995.6412 ng/ml
Carisoprodol	5.707	2907850	89492.94	53.7	13542.99	135171	1000.5413 ng/ml
Citalopram	5.169	6406714	∞	41.8	10304.36	281521	1003.3568 ng/ml
Clonazepam	5.575	4314868	209074.26	33.0	38717.19	69545	813.1116 ng/ml
Cocaine	4.216	9201814	115110.96	43.0	144774.02	650466	1010.2501 ng/ml
Codeine	2.509	1066088	3769.16	103.2	∞	55928	901.6360 ng/ml
Cyclobenzaprine	5.598	6184537	17852.52	9.2	19123.58	227816	1039.7827 ng/ml
Dextromethorphan	5.212	2856626	972.44	79.0	58416.29	131528	1006.9495 ng/ml
Dextrorphan	4.070	3122620	4833.46	215.6	159794.86	382019	1013.7358 ng/ml
Diazepam	5.936	3962375	1054.98	87.0	∞	193404	986.8199 ng/ml
Dihydrocodeine	2.475	3069455	239507.89	65.4	∞	228740	760.0683 ng/ml
Diphenhydramine	5.247	17354040	229545.11	33.4	5113.36	1105378	1002.0601 ng/ml
Doxylamine	4.486	25799916	∞	98.6	631336.05	1331097	811.0000 ng/ml
EDDP	5.211	11367813	12338.90	41.3	3725.57	571435	1036.2563 ng/ml
Fentanyl	5.047	937307	4484.34	67.9	4900.21	405881	103.1959 ng/ml
Fluoxetine	5.690	6665631	79976.98	8.3	134577.91	252597	1014.3964 ng/ml
Hydrocodone	2.953	3889613	∞	39.1	∞	318961	838.2898 ng/ml
Hydromorphone	1.553	3086168	2078.49	79.9	∞	99466	988.1348 ng/ml
Ketamine	3.996	10221651	468404.06	37.7	4878.14	507751	917.7917 ng/ml
Lamotrigine	4.239	377157	17971.93	79.7	39906.21	507751	431.2158 ng/ml
Lorazepam	5.722	1648660	∞	55.2	7534.30	69545	356.6452 ng/ml
MDA	3.123	7022593	131412.72	19.6	44058.01	228233	756.6626 ng/ml
MDMA	3.231	8808766	317065.47	66.7	113778.48	87882	991.3163 ng/ml
Meprobamate	4.869	980341	895.11	25.9	12584.71	96222	550.2435 ng/ml
Methadone	5.629	13082854	299722.22	50.8	5109.12	585023	995.7724 ng/ml

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# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	9061751	7981.53	40.9	25974.51	563724	821.7978 ng/ml
Metoprolol	4.278	1628810	8127.47	96.7	6356.29	1190529	825.7295 ng/ml
Mirtazapine	4.575	16483616	283940.83	47.8	177244.77	519436	1090.1830 ng/ml
Mitragynine	5.181	2210783	72203.58	39.1	161208.74	585023	891.6831 ng/ml
Morphine	1.200	498844	9268.76	24.1	6441.35	5808	979.7735 ng/ml
Norbuprenorphine	4.944	54284	2589.18	81.3	3717.51	24174	101.6264 ng/ml
Nordiazepam	5.882	3417967	36256.51	57.7	24622.08	116831	966.0258 ng/ml
Norfentanyl	4.037	2023481	98100.39	37.4	72170.79	673638	127.1749 ng/ml
Norhydrocodone	3.007	446132	80.17	41.0	107.83	36079	1116.6476 ng/ml
Noroxycodone	2.845	2785070	27944.86	48.7	224.22	96563	982.9392 ng/ml
O-desmethyl-tramadol	3.317	22261526	∞	5.9	10299.84	1163727	985.5547 ng/ml
Oxazepam	5.732	2389587	13691.32	70.2	52301.69	167422	913.5981 ng/ml
Oxycodone	2.762	10148525	2112.40	30.7	∞	474368	940.2527 ng/ml
Oxymorphone	1.356	3124780	∞	46.8	∞	117977	979.0143 ng/ml
Phentermine	3.723	2695699	∞	3.1	2492.96	512430	763.4110 ng/ml
Promethazine	5.508	14173809	3254.67	30.3	72218.92	597029	994.2632 ng/ml
Quetiapine	5.525	7780499	222.39	60.7	227.12	111454	941.7330 ng/ml
Sertraline	5.765	2251518	28762.40	91.0	24771.04	89627	986.2256 ng/ml
Temazepam	5.799	11044018	935.04	27.8	90743.59	494969	1040.2164 ng/ml
Tramadol	4.190	18862200	5968.18	3.4	1475.16	1190529	857.9110 ng/ml
Trazodone	5.093	14314625	350194.64	78.2	∞	667888	917.3396 ng/ml
Venlafaxine	4.987	18041238	6788.50	35.8	2344.67	895992	1007.6176 ng/ml
Zolpidem	4.858	20728078	213206.97	30.7	147634.78	1295570	827.3117 ng/ml