


**REVIEWED**

By Tamara Salazar at 7:52 am, Jan 13, 2021

1/7/2021 

**Worklist: 4722**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-4781	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5013	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5044	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5085	1	*CSGEN	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5103	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5123	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5146	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-5269	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3593	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3600	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3635	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3658	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3669	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3722	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3788	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3812	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3827	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3834	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3849	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3851	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

\*Item was a BCK (blood collection kit)

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

Extraction Date: 01/07/21  
 Plate lot#: IDP-111-2-200513

Analyst: Sarah Collins  
 Plate Expiration: 11/13/20

**Mobile phase A:** 5mM Amm Form + 0.01% FA  
 0.5M Ammonium Hydroxide

**Blank Blood Lot:** Lampire 20L20725  
**LCMS-QQQ ID:** 069901

**Mobile phase B:** 0.01% Formic Acid in MeOH  
 Ethyl Acetate 20% Methanol in Water

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

### 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 **250 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #16**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250 µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300 µL 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 **900 µL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 12. Add **900 µL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(12-15 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 **100 µL 20% LCMS MeOH in water** and heat seal plate with foil. Place in autosampler and run worklist.

### Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R<sup>2</sup> values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? 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 5-500, Dihydrocodeine 5-500, Lamotrigine 5-250, Lorazepam 5-250, MDA 5-500, Meprobamate 5-250, Norbuprenorphine 1-100, Phentermine 5-500*



# Idaho State Police Forensic Services

## AM #25 Blood Multi-Drug Screen by LCMS-QQQ And AM #28 Blood Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

### Methanol External Control Solution (Lot: 121020)

*100  $\mu$ L of 1mg/mL stock was added to each drug to 9600  $\mu$ L of LC MeOH.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	197468	
Alprazolam	Cerilliant	FE07061604	07/31/2021
Clonazepam	Cerilliant	FE07131603	10/31/2021
Hydrocodone	Cerilliant	FE04241902	09/30/2024
Morphine	Cerilliant	FE06231704	07/31/2022
Prepared:	12/10/2020		
Prepared By:	Tamara Salazar		
Expires:	07/31/2021		

### Blood External Control Solution (Lot: WS121020)

*100  $\mu$ L of methanol external control solution was added to 9900  $\mu$ L of blood.  
Approximately 100 ng/mL of each compound.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	20L20725
Methanol External Control Solution		121020
Prepared:	12/10/2020	
Prepared by:	Tamara Salazar	
Expires:	07/31/2021	

SC

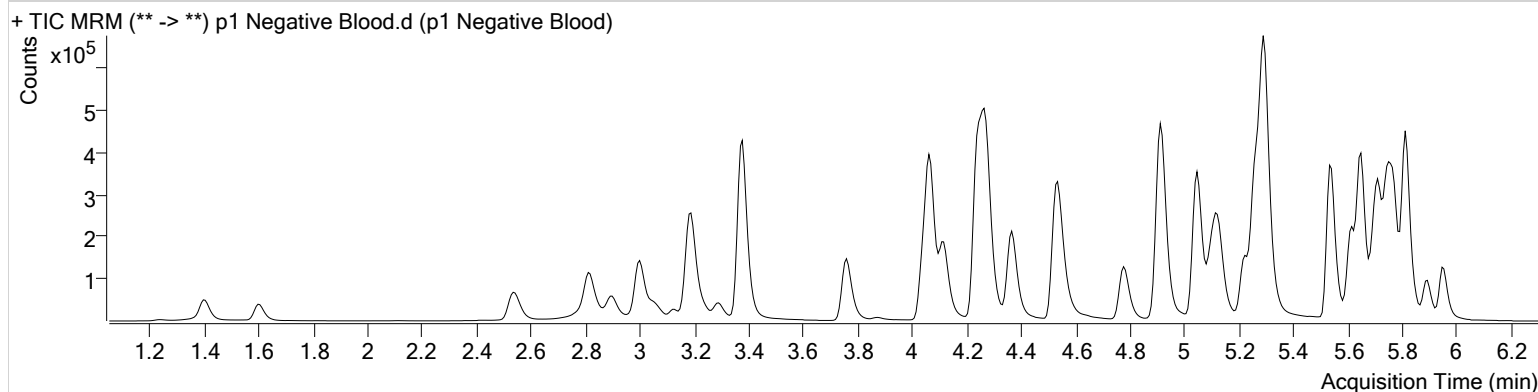


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument Type</b>	Instrument 1 Sample	<b>Data File</b>	p1 Negative Blood.d
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Sample</b>	p1 Negative Blood
<b>Sample Position</b>	P2-C11	<b>Operator</b>	Sarah Collins
<b>Injection Volume</b>	2	<b>Comment</b>	
<b>Acq. Date-Time</b>	1/7/2021 9:19:19 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



SC

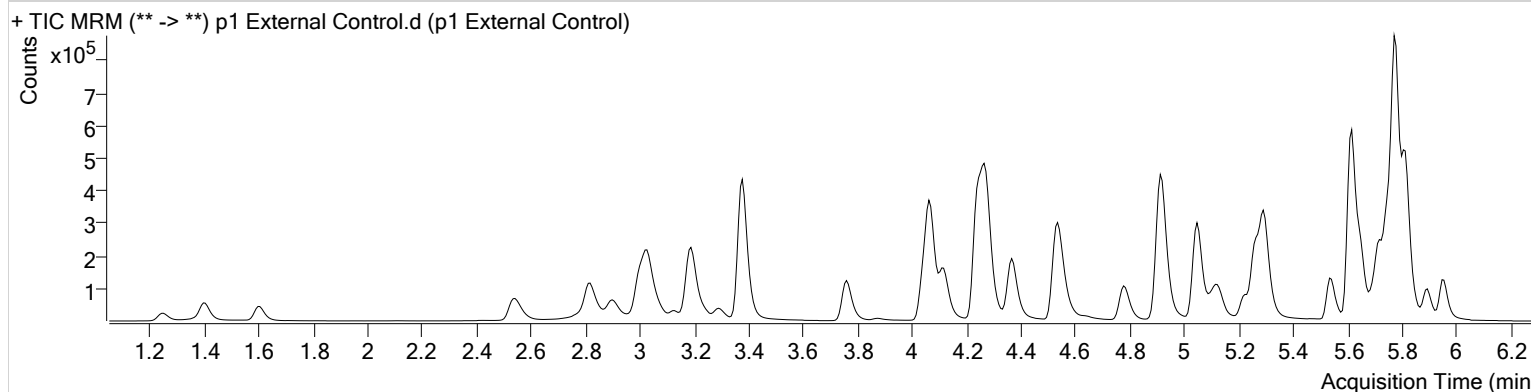


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**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 External Control.d
<b>Type</b>	Sample	<b>Sample</b>	p1 External Control
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-B11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 9:40:34 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.778	699714	6799.66	114.4	775.72	274769	89.9845 ng/ml
Clonazepam	5.615	833347	641.24	33.6	612.65	112140	95.6180 ng/ml
Hydrocodone	3.027	324404	254.49	37.7	334.30	238451	83.6696 ng/ml
Morphine	1.253	47173	1167.03	26.1	11998.92	6741	89.8352 ng/ml

SC

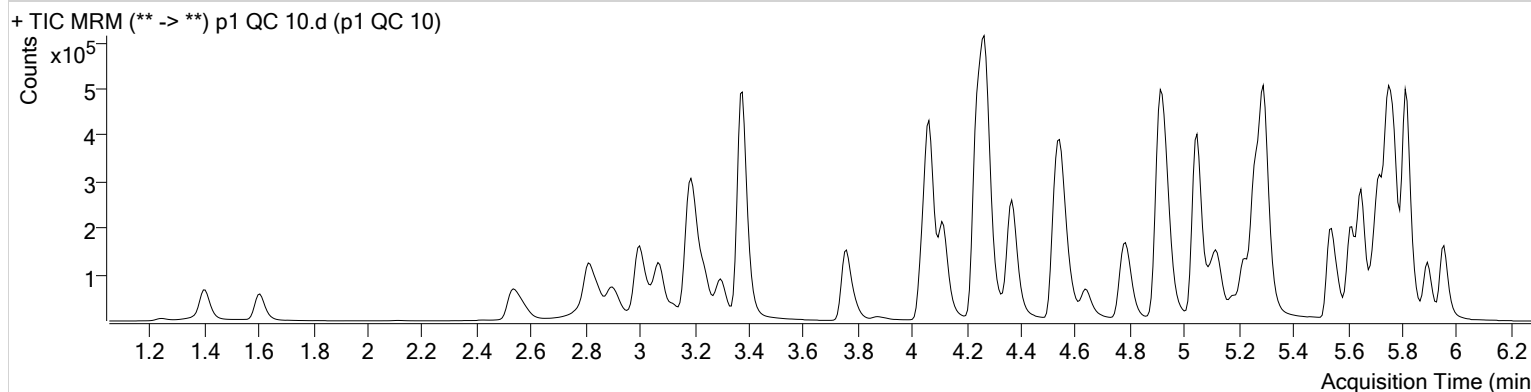


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<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 QC 10.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 10
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-H11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 7:43:48 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	2312	7821.87	67.2	3046.92	51675	1.0034 ng/ml
7-aminoclonazepam	4.277	51642	∞	83.8	5192.34	198159	9.8707 ng/ml
a-hydroxyalprazolam	5.695	24987	117.13	54.9	564.77	77260	10.3375 ng/ml
alpha-PHP	4.942	25625	1398.78	267.3	1390.35	503365	10.3853 ng/ml
alpha-PVP	4.375	117371	1201.07	51.8	1588.38	503365	10.2305 ng/ml
Alprazolam	5.778	79362	455.25	115.7	341.86	283655	9.9829 ng/ml
Amphetamine	3.078	177136	4373.27	52.8	3398.83	199494	9.7314 ng/ml
Benzoylecgonine	3.898	3943	695.73	8.5	157.36	13474	10.3628 ng/ml
Buprenorphine	5.870	1488	42.04	14.4	442.26	48166	1.0698 ng/ml
Bupropion	4.800	106092	12802.05	59.0	1037.69	353863	10.0830 ng/ml
Carisoprodol	5.727	73857	1827.80	57.4	812.17	383895	9.7933 ng/ml
Citalopram	5.223	53255	368.46	43.2	1588.52	232669	10.2532 ng/ml
Clonazepam	5.615	96274	2794.85	32.6	3265.74	118033	9.8530 ng/ml
Cocaine	4.269	96028	5371.16	51.3	3521.07	774569	10.0777 ng/ml
Codeine	2.590	11308	230.24	100.1	1317.39	54708	10.2110 ng/ml
Cyclobenzaprine	5.618	36997	2894.19	9.1	78.88	142890	10.1460 ng/ml
Dextromethorphan	5.273	29151	18826.74	77.4	435.70	134182	10.2099 ng/ml
Dextrophan	4.117	30094	281.72	204.6	5764.90	354269	9.9218 ng/ml
Diazepam	5.956	52112	266.46	85.6	398.30	245383	10.2274 ng/ml
Dihydrocodeine	2.569	28559	1967.47	63.6	139.61	155357	10.0202 ng/ml
Diphenhydramine	5.300	135572	4536.86	33.8	335.09	849729	9.9202 ng/ml
Doxylamine	4.554	224434	5536.82	96.4	7865.97	971870	10.0182 ng/ml
EDDP	5.265	93960	3944.41	42.6	434.05	496883	9.6247 ng/ml
Fentanyl	5.114	3902	∞	66.4	25.07	178934	0.9734 ng/ml
Fluoxetine	5.703	38472	2268.04	9.6	∞	143823	10.3644 ng/ml
Hydrocodone	3.027	45321	∞	37.9	97.12	251031	10.4364 ng/ml
Hydromorphone	1.614	33374	424.77	74.5	149.74	109572	9.6119 ng/ml
Ketamine	4.058	89775	15424.99	37.5	707.23	410297	10.2602 ng/ml
Lamotrigine	4.286	8936	∞	82.3	4608.57	410297	10.4770 ng/ml
Lorazepam	5.750	83436	289.10	59.5	436.69	118033	10.1826 ng/ml
MDA	3.211	144632	∞	23.3	330.12	374682	10.5437 ng/ml
MDMA	3.304	79893	3209.18	79.3	3887.81	79703	10.3890 ng/ml
Meprobamate	4.929	46330	14694.43	26.5	148.62	202576	10.0011 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	94887	497.74	45.3	1700.66	414941	10.0976 ng/ml
Methamphetamine	3.245	116745	505.54	40.1	209.22	428330	10.2755 ng/ml
Metoprolol	4.332	17817	25957.07	91.3	826.01	994511	9.5016 ng/ml
Mirtazapine	4.636	97733	429.06	47.2	1570.19	503365	9.1906 ng/ml
Mitragynine	5.241	15544	1910.39	40.0	697.57	414941	9.7843 ng/ml
Morphine	1.253	5364	5216.66	26.6	1510.16	6582	10.1280 ng/ml
Norbuprenorphine	4.997	184	258.40	108.0	716.69	8033	0.9159 ng/ml
Nordiazepam	5.903	51836	2716.59	58.0	3285.77	166363	10.3163 ng/ml
Norfentanyl	4.085	16653	154.30	33.5	353.95	793798	0.9330 ng/ml
Norhydrocodone	3.068	6907	51.69	41.8	139.74	68570	9.9590 ng/ml
Noroxycodone	2.918	47389	553.64	42.7	791.24	171071	10.4112 ng/ml
O-desmethyl-tramadol	3.377	186156	1205.27	6.9	471.88	1076520	10.0140 ng/ml
Oxazepam	5.753	101079	∞	69.8	299.69	565878	10.2239 ng/ml
Oxycodone	2.843	91649	2043.63	27.4	1060.12	390321	9.9634 ng/ml
Oxymorphone	1.403	42418	332.86	41.6	188.30	150852	10.2293 ng/ml
Phentermine	3.797	37468	267.25	4.3	19.91	403182	10.3075 ng/ml
Promethazine	5.542	71290	777.89	26.4	454.53	289320	10.2553 ng/ml
Quetiapine	5.559	60600	2628.12	59.0	7954.36	80771	10.2609 ng/ml
Sertraline	5.778	17450	400.49	101.7	319.37	77159	10.0256 ng/ml
Temazepam	5.819	164536	676.19	30.8	717.73	782156	9.9081 ng/ml
Tramadol	4.251	197095	24544.79	3.7	102.68	994511	10.1763 ng/ml
Trazodone	5.181	62088	3384.50	81.2	3633.90	271077	9.6426 ng/ml
Venlafaxine	5.048	155828	6127.37	39.7	195.38	824146	10.7214 ng/ml
Zolpidem	4.932	216143	19333.47	31.4	1230.75	1020084	10.3440 ng/ml

SC

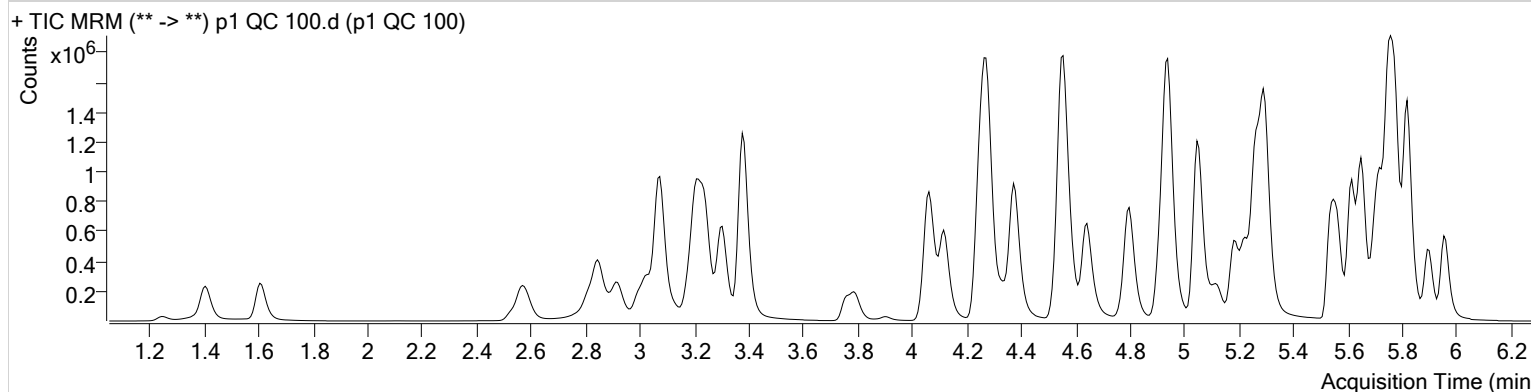


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**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 QC 100.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 100
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-G11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 8:05:03 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	24702	∞	71.5	5591.12	55689	10.3692 ng/ml
7-aminoclonazepam	4.277	503083	13600.09	80.4	18243.25	180116	106.2628 ng/ml
a-hydroxyalprazolam	5.695	247140	1318.71	59.1	507.54	75714	109.4604 ng/ml
alpha-PHP	4.948	264747	5197.68	262.4	3893.39	517433	111.8595 ng/ml
alpha-PVP	4.375	1236646	∞	53.1	14477.90	517433	104.8215 ng/ml
Alprazolam	5.778	788488	3341.50	112.8	1021.00	258468	107.7748 ng/ml
Amphetamine	3.078	1730936	37224.15	52.2	25726.01	201711	105.8593 ng/ml
Benzoylcegonine	3.905	39909	2502.02	8.0	126.77	13516	103.4638 ng/ml
Buprenorphine	5.870	17864	320.57	14.2	6518.71	56859	10.3379 ng/ml
Bupropion	4.800	1137931	59642.11	60.9	24049.82	366986	105.0367 ng/ml
Carisoprodol	5.727	733888	562939.05	53.4	7862.12	349123	108.3356 ng/ml
Citalopram	5.223	594478	24014.74	44.4	1118.23	251891	103.5952 ng/ml
Clonazepam	5.615	951179	243413.27	33.3	780.39	115215	106.3049 ng/ml
Cocaine	4.269	959799	71396.70	52.0	∞	737257	106.2667 ng/ml
Codeine	2.590	116581	1869.73	101.6	6603.09	55502	107.1175 ng/ml
Cyclobenzaprine	5.618	487452	30536.58	8.9	709.89	180792	105.1634 ng/ml
Dextromethorphan	5.273	324259	336.81	79.5	5150.56	143461	106.2984 ng/ml
Dextrophan	4.117	323668	265677.05	205.0	1137.38	365716	102.9119 ng/ml
Diazepam	5.956	529464	1792.65	87.6	8525.01	245972	107.5885 ng/ml
Dihydrocodeine	2.569	310085	25890.65	62.8	9924.36	162162	108.6041 ng/ml
Diphenhydramine	5.300	1531122	72759.34	33.9	961.66	911694	104.7688 ng/ml
Doxylamine	4.554	2425323	193039.62	98.3	488152.36	1010274	106.3650 ng/ml
EDDP	5.265	1104748	18269.81	43.4	14123.46	561205	100.5471 ng/ml
Fentanyl	5.114	47259	1044.04	73.5	2131.81	221526	9.5031 ng/ml
Fluoxetine	5.703	500363	20319.77	9.0	783.78	182079	107.8346 ng/ml
Hydrocodone	3.027	477490	726.50	36.9	1903.70	268660	109.5411 ng/ml
Hydromorphone	1.608	353225	2206.16	75.2	643.59	111462	101.7475 ng/ml
Ketamine	4.058	919910	71215.16	39.0	1692.80	416205	108.5974 ng/ml
Lamotrigine	4.293	86307	10323.70	81.3	38693.92	416205	107.3889 ng/ml
Lorazepam	5.750	749477	4544.73	58.6	∞	115215	101.6401 ng/ml
MDA	3.211	1393789	34160.64	23.5	∞	365594	111.2395 ng/ml
MDMA	3.304	846119	72451.83	80.1	10122.57	81562	109.1390 ng/ml
Meprobamate	4.929	408834	∞	26.7	16526.70	193220	103.0567 ng/ml



SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	1128683	1755.41	45.1	1413.31	477670	104.8775 ng/ml
Methamphetamine	3.245	1172705	777.44	39.6	1779.19	440115	115.9824 ng/ml
Metoprolol	4.332	190725	81048.42	88.4	∞	1023090	103.3916 ng/ml
Mirtazapine	4.642	1097271	99656.59	47.8	∞	517433	100.5186 ng/ml
Mitragynine	5.248	193598	8074.44	39.7	80367.53	477670	110.2881 ng/ml
Morphine	1.246	56339	1437.94	25.3	870.46	6895	104.9588 ng/ml
Norbuprenorphine	4.997	1908	125.08	100.7	∞	8961	10.3429 ng/ml
Nordiazepam	5.903	529400	2237.23	59.3	5561.41	162624	110.8600 ng/ml
Norfentanyl	4.092	183164	613.20	35.1	2369.69	783081	9.8689 ng/ml
Norhydrocodone	3.075	61406	∞	42.2	278.90	59063	101.9258 ng/ml
Noroxycodone	2.918	489951	1610.36	43.1	1010.83	172070	110.4128 ng/ml
O-desmethyl-tramadol	3.383	1989153	98303.58	7.1	18727.35	1090695	106.1012 ng/ml
Oxazepam	5.753	908542	∞	75.1	∞	512276	105.0792 ng/ml
Oxycodone	2.843	990621	21447.23	27.1	7845.91	404346	108.5668 ng/ml
Oxymorphone	1.403	421595	1187.07	43.8	568.40	150554	106.5454 ng/ml
Phentermine	3.797	382591	3324.76	4.3	664.36	408715	112.5721 ng/ml
Promethazine	5.542	946667	192780.83	27.9	10665.84	380450	103.3011 ng/ml
Quetiapine	5.559	715229	1174.46	58.8	∞	91598	107.0894 ng/ml
Sertraline	5.772	215950	8360.16	99.6	2885.46	92596	104.0291 ng/ml
Temazepam	5.819	1729168	2003.80	29.1	8336.19	772453	107.1424 ng/ml
Tramadol	4.251	1987633	123985.02	3.8	918.68	1023090	106.5907 ng/ml
Trazodone	5.181	778431	60619.33	80.9	∞	324465	107.2630 ng/ml
Venlafaxine	5.048	1647352	1178.51	40.5	1465.07	831695	111.7788 ng/ml
Zolpidem	4.939	2265607	166312.81	31.1	4596.62	1053443	111.6407 ng/ml

SC

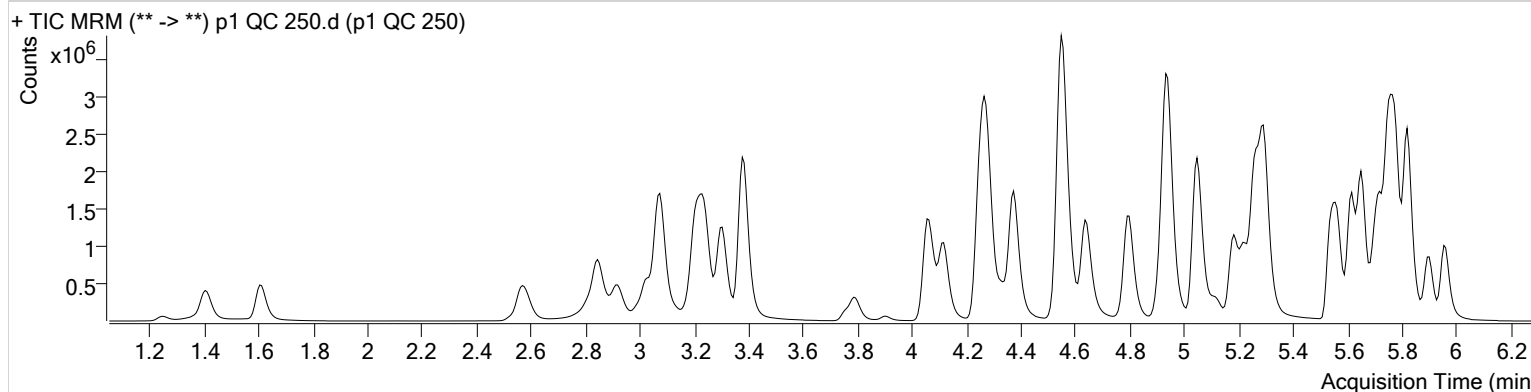


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<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 QC 250.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 250
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-F11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 8:26:16 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	55930	3873.86	72.6	46962.06	53698	24.4123 ng/ml
7-aminoclonazepam	4.277	919598	25134.34	81.7	33643.41	140743	248.6441 ng/ml
a-hydroxyalprazolam	5.695	489136	1190.22	59.3	817.43	66726	246.5269 ng/ml
alpha-PHP	4.942	516846	11931.24	262.4	23683.57	464471	244.2469 ng/ml
alpha-PVP	4.375	2642570	100061.25	53.5	52308.55	464471	249.5265 ng/ml
Alprazolam	5.778	1571951	∞	113.5	∞	216983	255.7935 ng/ml
Amphetamine	3.078	3240445	69580.90	51.5	32215.06	169591	237.3829 ng/ml
Benzoylcegonine	3.898	98455	154019.67	7.8	1381.65	13401	257.2477 ng/ml
Buprenorphine	5.870	35571	2450.87	14.9	6887.47	46907	24.8693 ng/ml
Bupropion	4.800	2280941	261858.81	60.4	3626.55	306184	252.4647 ng/ml
Carisoprodol	5.727	1422155	∞	52.2	37065.61	293437	249.9519 ng/ml
Citalopram	5.223	1236027	3036.18	44.4	595.91	220694	245.5276 ng/ml
Clonazepam	5.615	1884451	83115.06	33.3	13120.96	98976	246.1061 ng/ml
Cocaine	4.269	1996836	605445.27	51.7	∞	636443	256.1712 ng/ml
Codeine	2.590	237332	7390.94	103.4	6988.36	49457	245.1911 ng/ml
Cyclobenzaprine	5.618	1027920	∞	9.1	180.24	159334	251.5580 ng/ml
Dextromethorphan	5.273	633341	38827.67	78.8	687.27	119499	249.2654 ng/ml
Dextrorphan	4.117	678367	30460.02	206.7	32859.44	316774	248.9452 ng/ml
Diazepam	5.963	1087035	9216.93	88.1	10374.86	215789	252.3608 ng/ml
Dihydrocodeine	2.562	664557	3949.88	64.1	2307.85	155743	242.9199 ng/ml
Diphenhydramine	5.300	3117483	117420.57	34.4	2077.74	781690	248.8444 ng/ml
Doxylamine	4.548	5544798	205792.28	96.8	150765.07	962778	255.4995 ng/ml
EDDP	5.265	2414593	123890.28	42.4	27505.21	504371	244.5778 ng/ml
Fentanyl	5.114	109823	1297.43	67.7	125.01	194666	25.1269 ng/ml
Fluoxetine	5.703	993094	68421.17	9.2	50372.90	152781	255.2660 ng/ml
Hydrocodone	3.027	1007764	589.26	37.4	1851.04	245622	253.8815 ng/ml
Hydromorphone	1.614	762852	∞	73.4	∞	101498	241.5663 ng/ml
Ketamine	4.058	2000994	1381.80	38.6	1647.28	384952	256.1355 ng/ml
Lamotrigine	4.293	165172	28189.49	82.7	151321.88	384952	223.1607 ng/ml
Lorazepam	5.750	1199328	∞	60.3	4979.54	98976	190.1675 ng/ml
MDA	3.211	2594280	74087.37	23.7	14746.94	308057	246.6916 ng/ml
MDMA	3.304	1769344	166527.28	80.3	7306.92	72603	256.6206 ng/ml
Meprobamate	4.923	734044	105464.04	26.6	245.57	172216	208.8965 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	2402962	3206.70	44.8	27883.64	412896	258.3962 ng/ml
Methamphetamine	3.239	2263469	10253.70	39.3	2189.18	375298	264.7592 ng/ml
Metoprolol	4.332	410019	∞	89.4	∞	901795	252.8576 ng/ml
Mirtazapine	4.636	2298380	190408.34	47.3	6581.09	464471	234.5765 ng/ml
Mitragynine	5.241	383555	42048.28	39.2	459850.54	412896	253.3625 ng/ml
Morphine	1.253	125723	3830.36	25.6	1425.33	6640	243.7307 ng/ml
Norbuprenorphine	4.997	4030	257.52	100.4	7600.72	7761	25.5425 ng/ml
Nordiazepam	5.903	1077894	1621.78	59.1	1625.60	141968	258.9940 ng/ml
Norfentanyl	4.092	405342	6322.50	34.5	446.36	702601	24.2644 ng/ml
Norhydrocodone	3.068	115390	765.38	42.2	210.09	46874	241.2125 ng/ml
Noroxycodone	2.918	1020968	1708.95	42.2	633.17	148504	267.1097 ng/ml
O-desmethyl-tramadol	3.377	4434341	111431.12	7.0	1117.65	1003476	257.1583 ng/ml
Oxazepam	5.753	1607770	∞	72.9	∞	379484	251.5735 ng/ml
Oxycodone	2.843	2192296	4409.68	27.1	82386.16	382263	254.7993 ng/ml
Oxymorphone	1.403	893271	980.73	42.6	625.15	133166	255.9530 ng/ml
Phentermine	3.797	744740	8120.53	4.2	1977.73	356381	252.4964 ng/ml
Promethazine	5.542	2071230	1537.91	28.6	∞	350828	245.0584 ng/ml
Quetiapine	5.559	1561769	122777.71	58.9	495.10	81772	261.9845 ng/ml
Sertraline	5.772	404795	19356.21	99.8	29023.28	71073	254.1548 ng/ml
Temazepam	5.819	3663721	198370.24	28.4	18622.18	683917	256.6449 ng/ml
Tramadol	4.251	4201635	98278.55	3.8	528.93	901795	256.7127 ng/ml
Trazodone	5.181	1701363	∞	79.8	∞	300819	253.7617 ng/ml
Venlafaxine	5.048	3554062	157459.87	41.0	1933.32	754114	265.8871 ng/ml
Zolpidem	4.932	4900290	189826.38	30.6	166126.54	973074	262.3862 ng/ml

SC

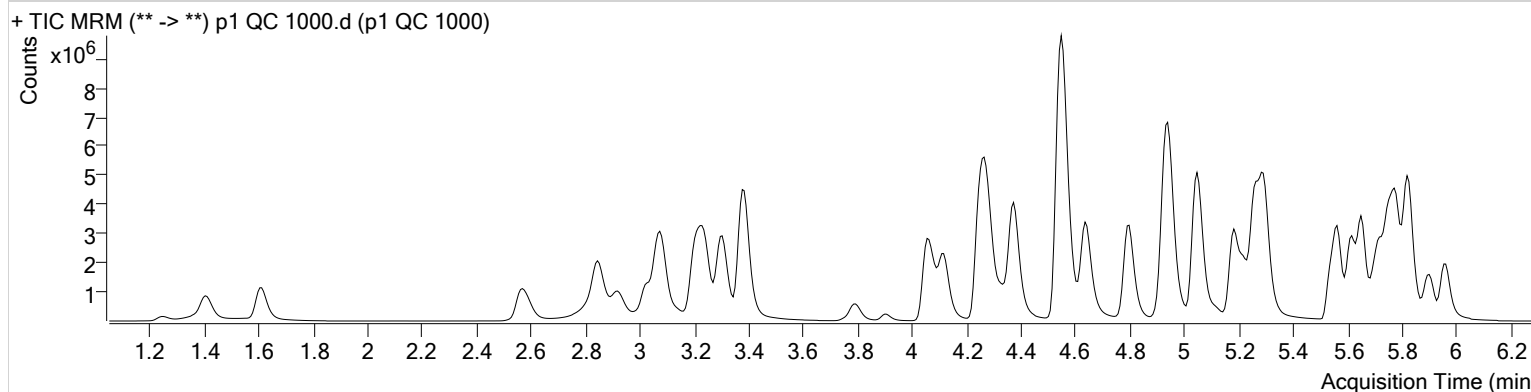


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 QC 1000.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 1000
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-E11	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 8:47:28 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	186518	1122.84	71.0	22770.18	43617	100.3743 ng/ml
7-aminoclonazepam	4.283	1487550	31612.61	80.5	33866.23	58800	962.8661 ng/ml
a-hydroxyalprazolam	5.695	1160400	377.57	58.2	346.13	42327	923.5090 ng/ml
alpha-PHP	4.948	1114578	5841.40	265.2	∞	302235	811.3668 ng/ml
alpha-PVP	4.375	6930338	181877.71	53.7	79048.80	302235	1005.6636 ng/ml
Alprazolam	5.778	3750817	1469.49	113.9	∞	126096	1049.9332 ng/ml
* Amphetamine	<del>3.078</del>	<del>6312523</del>	<del>101940.17</del>	<del>51.7</del>	<del>76961.06</del>	<del>101133</del>	<del>778.5477 ng/ml</del>
Benzoylcegonine	3.898	392322	30951.14	8.0	86.21	11838	1159.9680 ng/ml
Buprenorphine	5.870	62738	5181.28	14.4	9402.12	18976	108.2320 ng/ml
Bupropion	4.800	5593884	881151.62	60.8	107893.30	197185	961.6344 ng/ml
Carisoprodol	5.727	2849996	1038400.73	53.2	36918.87	149531	983.3585 ng/ml
Citalopram	5.223	2477870	∞	44.5	∞	112286	966.7507 ng/ml
Clonazepam	5.615	4131139	102828.16	33.4	42995.33	60677	881.9206 ng/ml
Cocaine	4.269	4807793	164007.29	51.9	124263.45	376649	1042.3554 ng/ml
Codeine	2.590	577086	∞	103.7	13177.12	33306	886.2586 ng/ml
Cyclobenzaprine	5.618	1383862	67977.93	8.7	2383.53	51974	1038.0665 ng/ml
Dextromethorphan	5.273	1058567	199350.97	78.1	∞	49647	1002.8230 ng/ml
Dextrophan	4.117	1704331	252440.10	209.2	50864.38	200918	985.9611 ng/ml
Diazepam	5.963	2547535	16548.84	87.7	6512.23	131423	972.3093 ng/ml
* Dihydrocodeine	<del>2.562</del>	<del>1751899</del>	<del>2502.32</del>	<del>63.7</del>	<del>526.04</del>	<del>131145</del>	<del>761.4841 ng/ml</del>
Diphenhydramine	5.300	6736478	258082.48	34.1	43898.28	411814	1020.7948 ng/ml
Doxylamine	4.548	15649830	605519.16	96.1	336165.24	727655	954.7907 ng/ml
EDDP	5.265	6454745	427260.19	42.2	96592.89	332029	993.2903 ng/ml
Fentanyl	5.114	182495	8984.54	69.4	∞	83131	97.7685 ng/ml
Fluoxetine	5.703	1022340	35263.31	9.1	∞	40575	989.8989 ng/ml
Hydrocodone	3.027	2655214	587.82	38.1	1159.17	184224	893.7841 ng/ml
Hydromorphone	1.614	2012837	∞	75.1	724.09	68519	944.7191 ng/ml
Ketamine	4.058	5432689	3911.93	38.5	24620.07	290075	924.2761 ng/ml
* Lamotrigine	<del>4.293</del>	<del>318433</del>	<del>187746.46</del>	<del>78.7</del>	<del>43213.81</del>	<del>290075</del>	<del>572.3449 ng/ml</del>
* Lorazepam	<del>5.743</del>	<del>1420733</del>	<del>∞</del>	<del>60.7</del>	<del>∞</del>	<del>60677</del>	<del>368.3682 ng/ml</del>
* MDA	<del>3.211</del>	<del>5309619</del>	<del>65544.50</del>	<del>23.2</del>	<del>20136.71</del>	<del>194623</del>	<del>800.9617 ng/ml</del>
MDMA	3.304	4416885	∞	81.7	87830.43	47750	974.5224 ng/ml
* Meprobamate	<del>4.916</del>	<del>1151561</del>	<del>74303.52</del>	<del>26.5</del>	<del>23492.63</del>	<del>118800</del>	<del>476.6910 ng/ml</del>

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	4644527	70979.60	44.3	309332.32	200128	1030.5898 ng/ml
Methamphetamine	3.239	4396557	16579.84	39.2	∞	213879	906.6598 ng/ml
Metoprolol	4.332	1034386	∞	90.7	∞	625191	921.4007 ng/ml
Mirtazapine	4.636	5852078	343948.87	47.1	5669.02	302235	917.9216 ng/ml
Mitragynine	5.241	560932	67344.67	40.1	15761.85	200128	765.3734 ng/ml
Morphine	1.253	356251	12011.78	25.4	5018.69	4833	949.9497 ng/ml
Norbuprenorphine	4.997	7826	182.05	93.9	1120.70	3668	105.6425 ng/ml
Nordiazepam	5.903	2376778	1738.69	58.3	886.42	81215	999.2161 ng/ml
Norfentanyl	4.092	1157385	115698.92	34.4	4945.60	408626	118.9210 ng/ml
Norhydrocodone	3.068	265416	127.89	45.9	91.89	24335	1068.3876 ng/ml
Noroxycodone	2.918	2315144	∞	42.0	∞	87015	1034.7612 ng/ml
O-desmethyl-tramadol	3.383	11640296	271286.17	7.2	57682.58	676284	1001.7920 ng/ml
Oxazepam	5.753	2345884	46124.96	72.9	∞	144911	962.3816 ng/ml
Oxycodone	2.843	6453582	2290.52	26.9	1079.47	303715	945.3741 ng/ml
Oxymorphone	1.403	2411193	2241.43	42.7	1362.05	94507	974.9693 ng/ml
* Phentermine	<del>3.797</del>	<del>1570555</del>	<del>12873.17</del>	<del>4.3</del>	∞	<del>245223</del>	<del>775.8395 ng/ml</del>
Promethazine	5.535	3023938	5891.23	27.6	1607.33	122251	1026.6425 ng/ml
Quetiapine	5.559	4123030	483882.79	59.7	38114.33	56250	1005.5323 ng/ml
Sertraline	5.778	315019	14296.69	101.8	18380.16	14520	968.3420 ng/ml
Temazepam	5.819	8658962	101250.33	28.9	∞	427914	969.9365 ng/ml
Tramadol	4.251	9816411	915146.41	3.9	∞	625191	866.9611 ng/ml
Trazodone	5.181	4679538	∞	80.3	∞	219026	960.4447 ng/ml
Venlafaxine	5.048	9838515	249578.73	40.7	1542.98	513976	1079.7575 ng/ml
Zolpidem	4.932	12567533	∞	31.0	13829.09	759306	864.0412 ng/ml

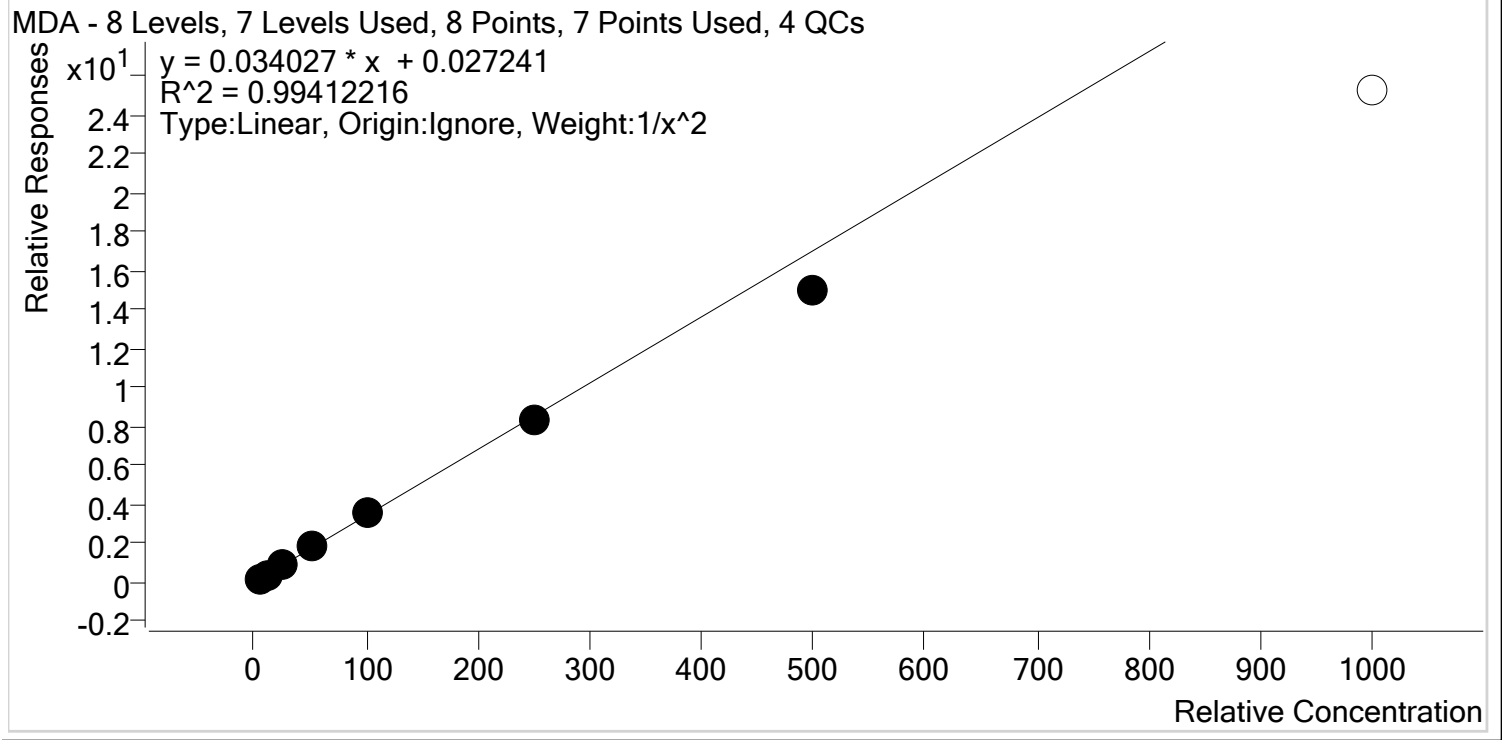
\*OCR

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDA **Internal Standard** MDA-D5



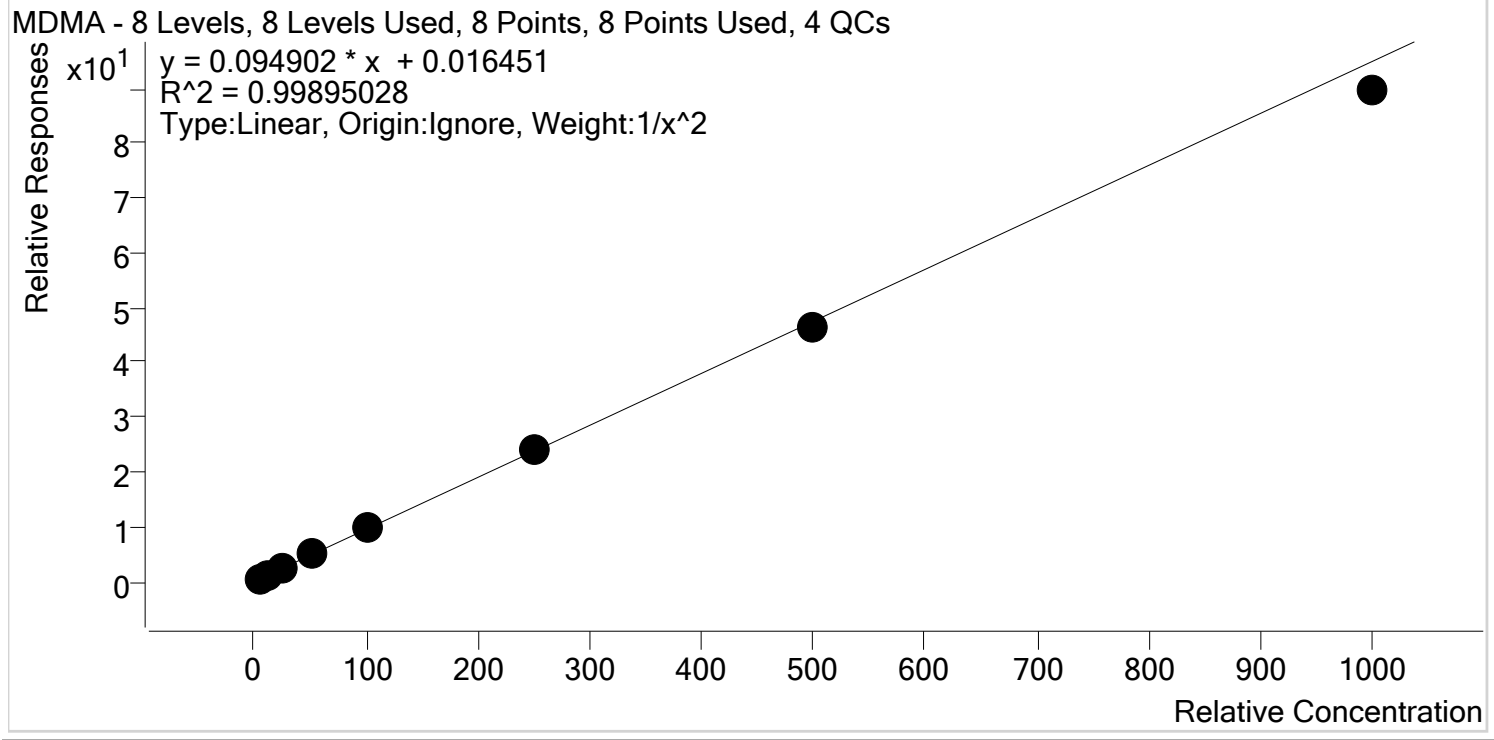
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	440.8	88.2
p1 Cal 8-1000ng	8	✗	1000.0	741.4	74.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** MDMA **Internal Standard** MDMA-D6



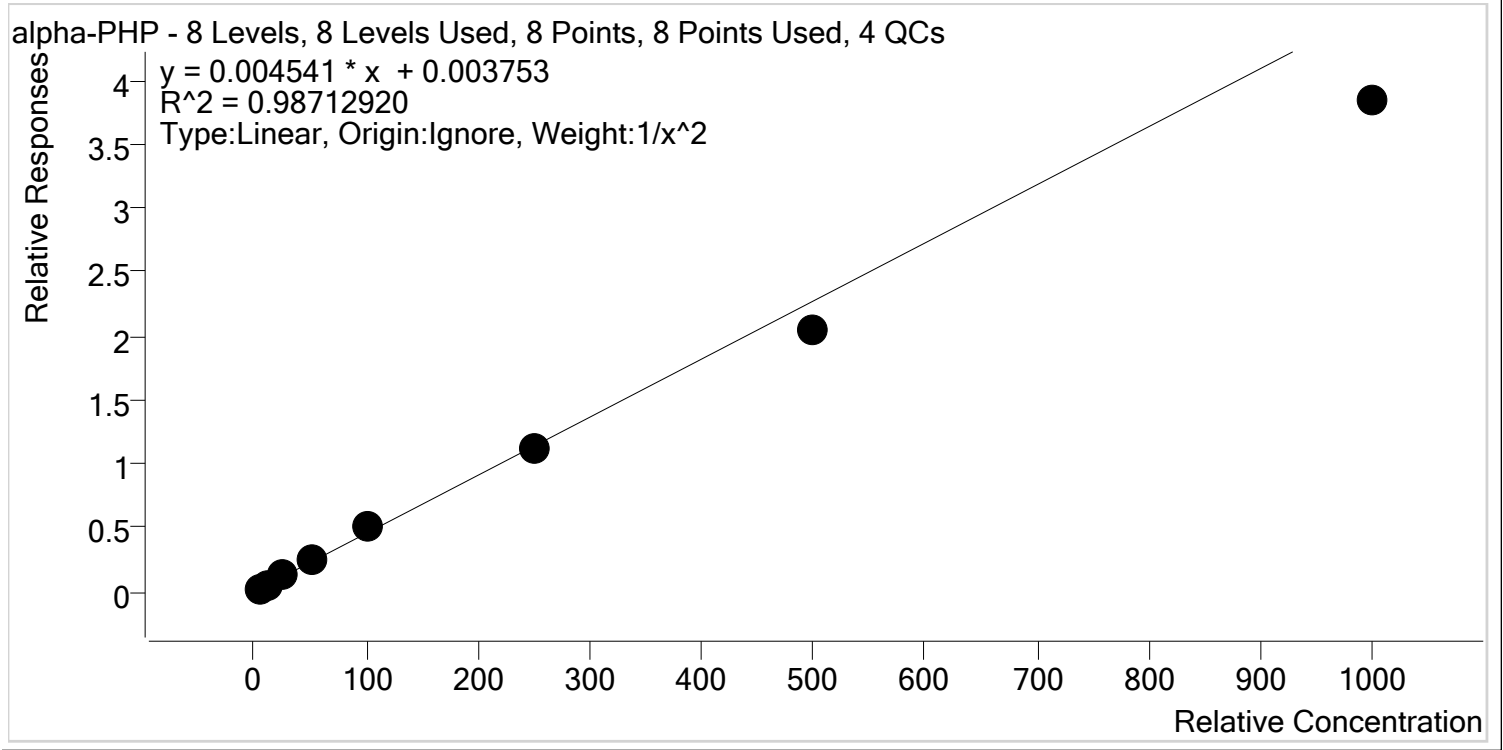
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	492.2	98.4
p1 Cal 8-1000ng	8	✓	1000.0	944.0	94.4

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PHP **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	56.8	113.6
p1 Cal 5-100ng	5	✓	100.0	109.5	109.5
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	447.3	89.5
p1 Cal 8-1000ng	8	✓	1000.0	845.0	84.5



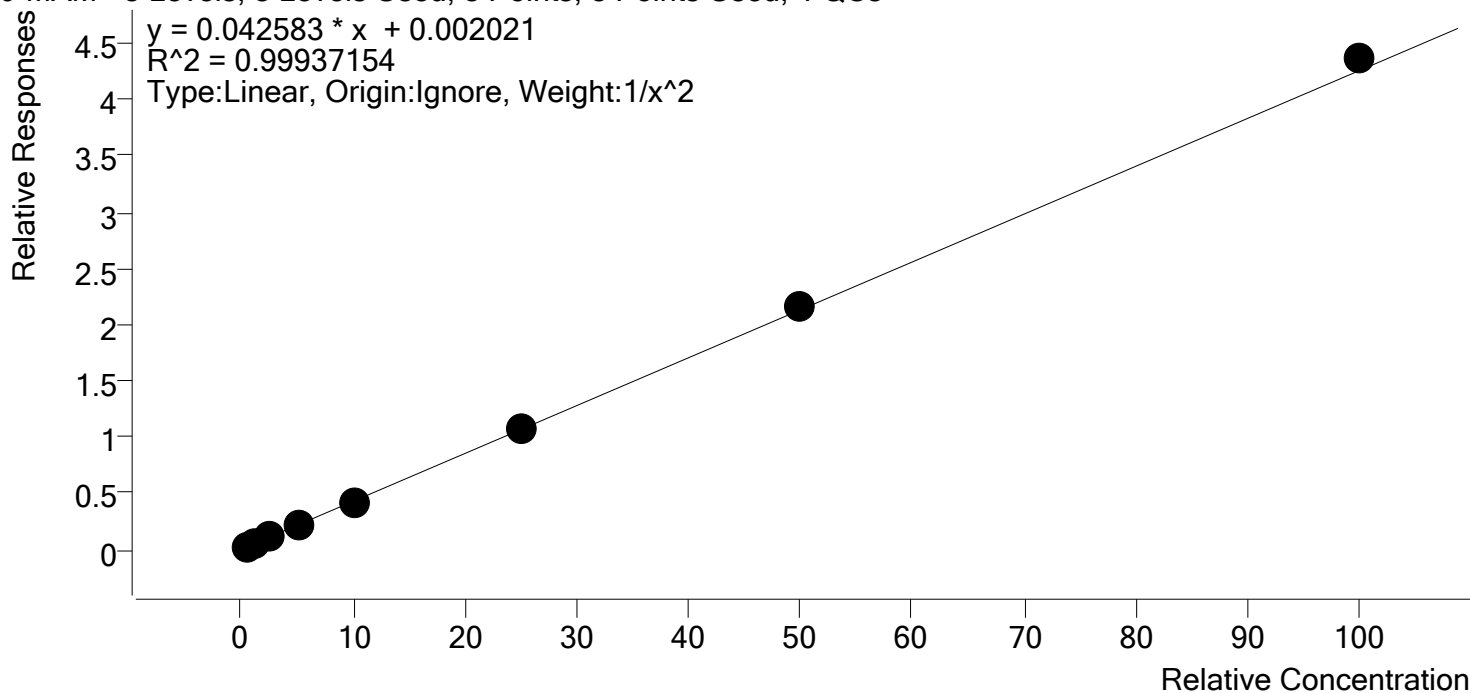
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6

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



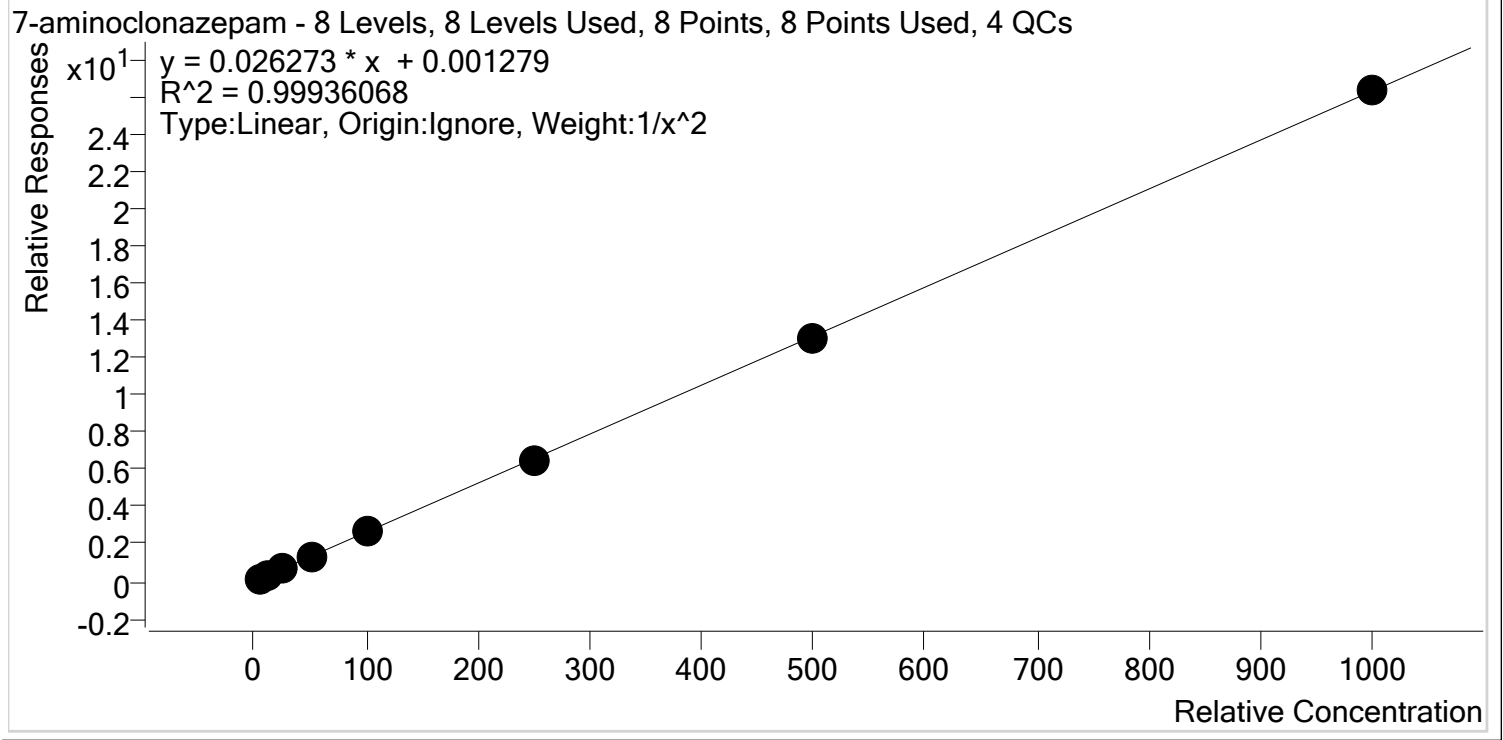
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.6
p1 Cal 2- 10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
p1 Cal 4-50ng	4	✓	5.0	5.0	99.4
p1 Cal 5-100ng	5	✓	10.0	9.7	97.1
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	50.8	101.7
p1 Cal 8-1000ng	8	✓	100.0	102.5	102.5

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



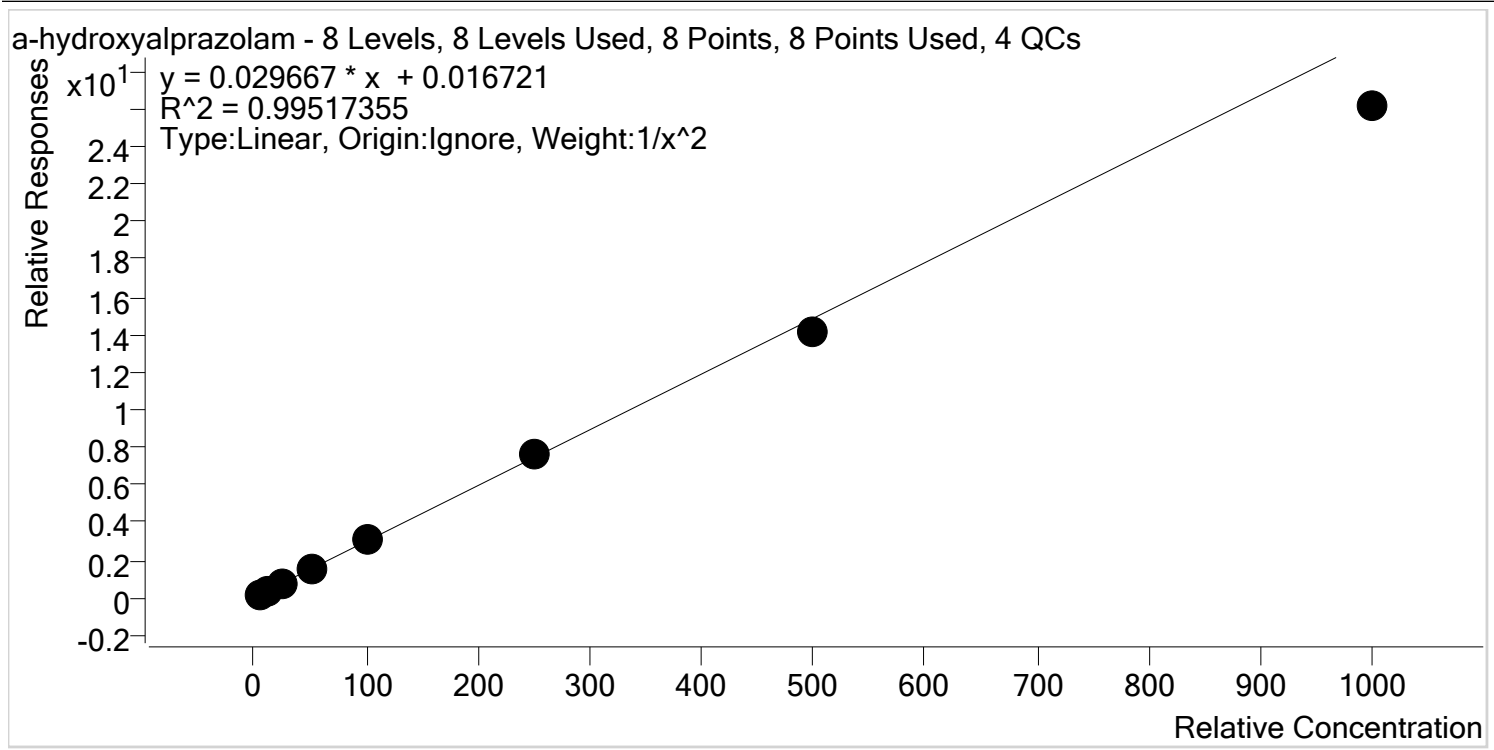
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	492.2	98.4
p1 Cal 8-1000ng	8	✓	1000.0	1001.1	100.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



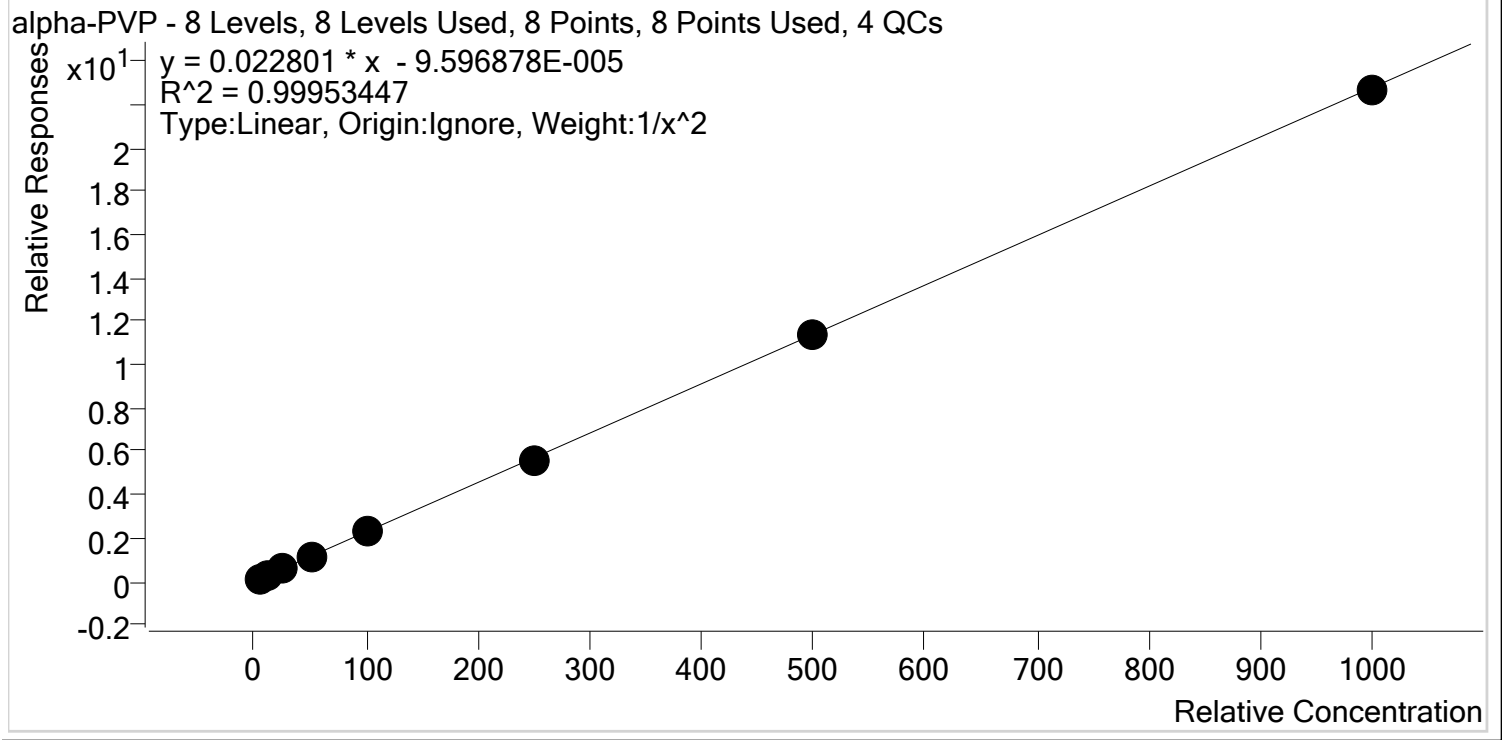
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	476.6	95.3
p1 Cal 8-1000ng	8	✓	1000.0	880.3	88.0

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-d8



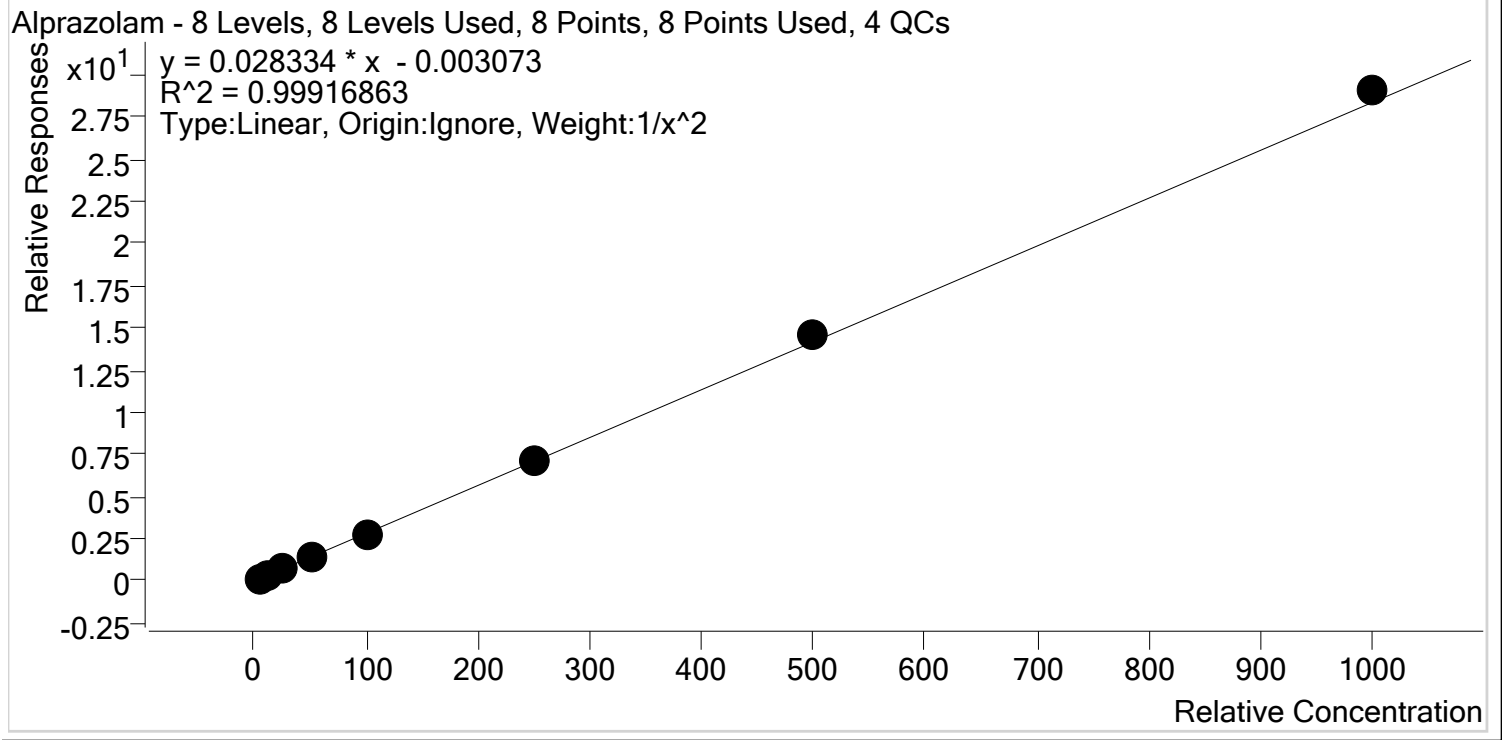
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	994.0	99.4

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5



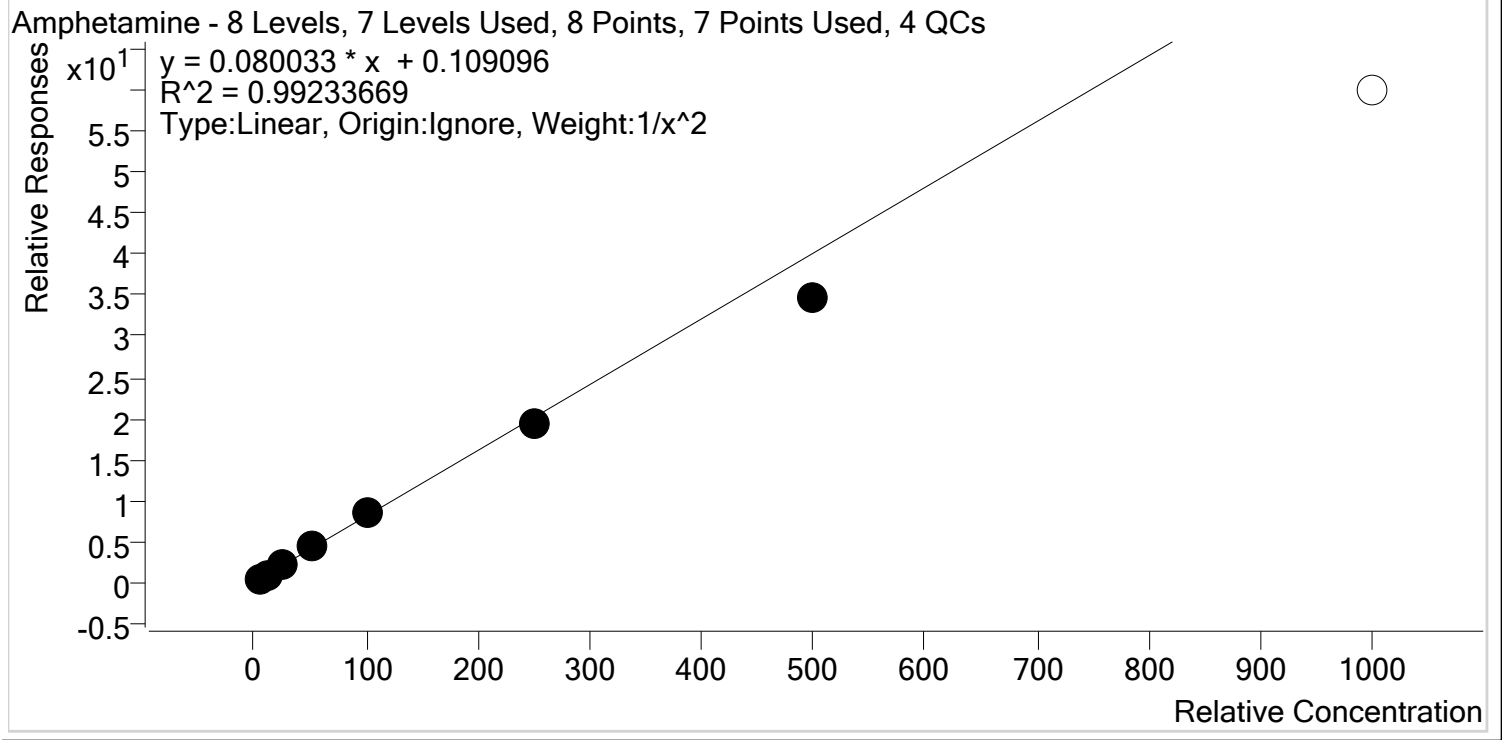
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	514.5	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1024.9	102.5

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11



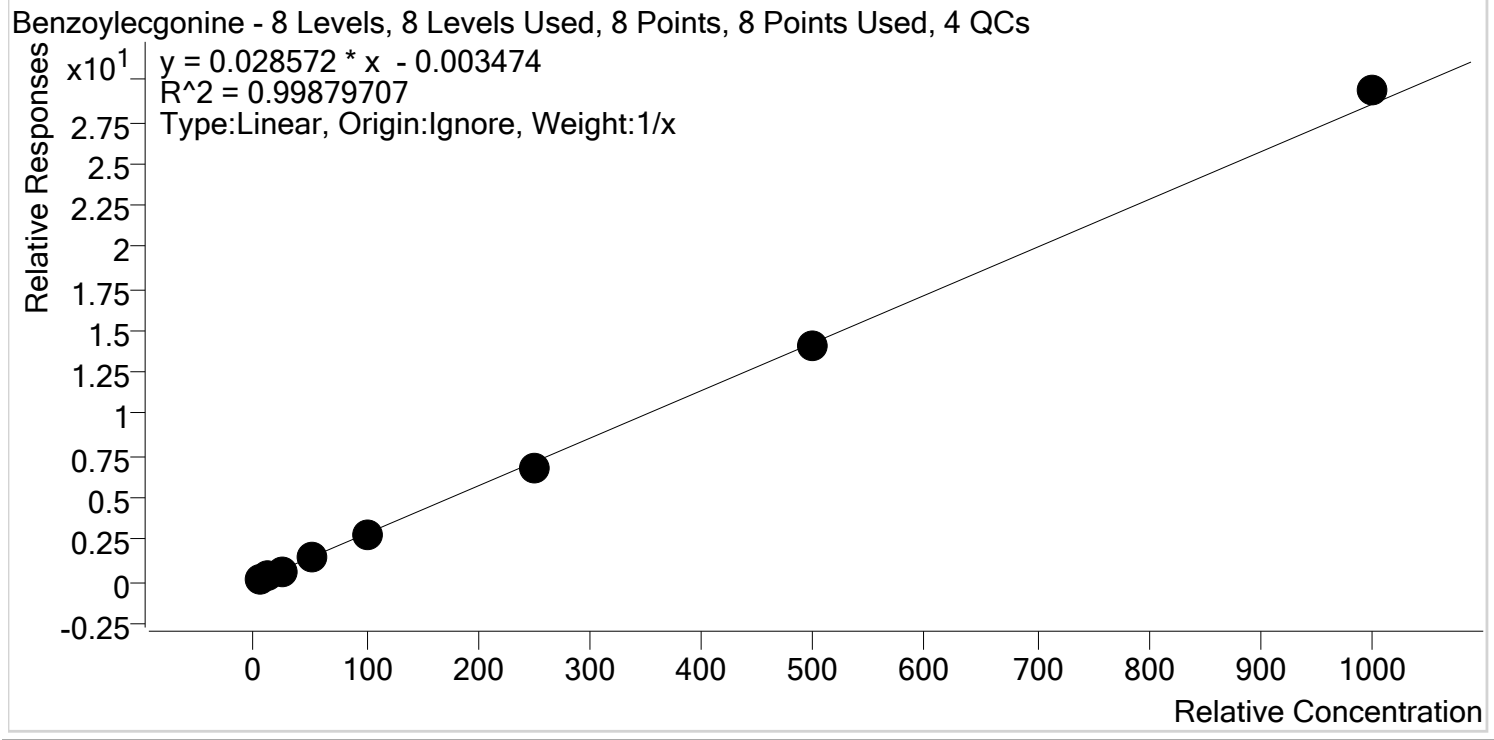
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	54.9	109.9
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	239.9	96.0
p1 Cal 7-500ng	7	✓	500.0	434.2	86.8
p1 Cal 8-1000ng	8	✗	1000.0	747.2	74.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.7	113.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	235.7	94.3
p1 Cal 7-500ng	7	✓	500.0	490.1	98.0
p1 Cal 8-1000ng	8	✓	1000.0	1028.6	102.9

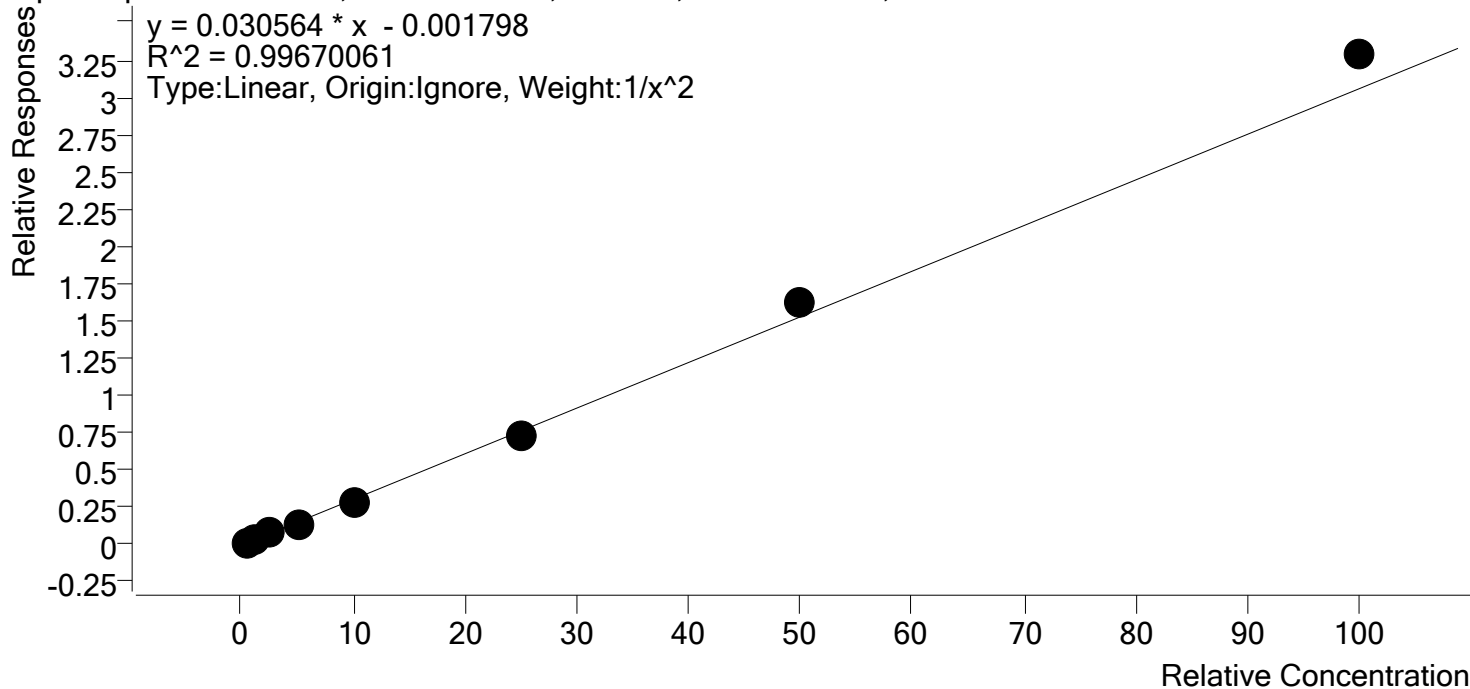
SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.6
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.6
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.3
p1 Cal 4-50ng	4	✓	5.0	4.7	94.9
p1 Cal 5-100ng	5	✓	10.0	9.5	94.9
p1 Cal 6-250ng	6	✓	25.0	24.1	96.3
p1 Cal 7-500ng	7	✓	50.0	53.5	107.0
p1 Cal 8-1000ng	8	✓	100.0	107.5	107.5

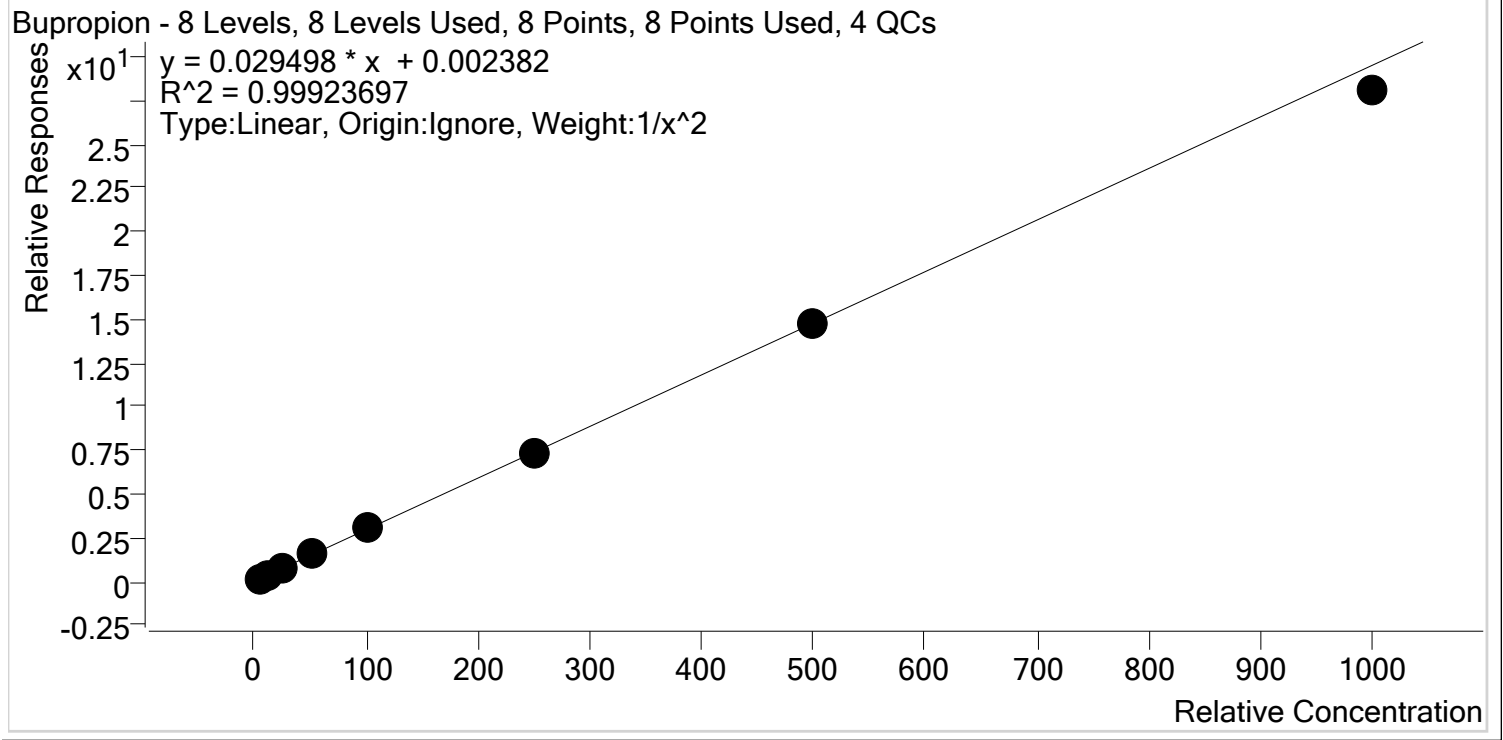


SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Bupropion **Internal Standard** Bupropion-D9



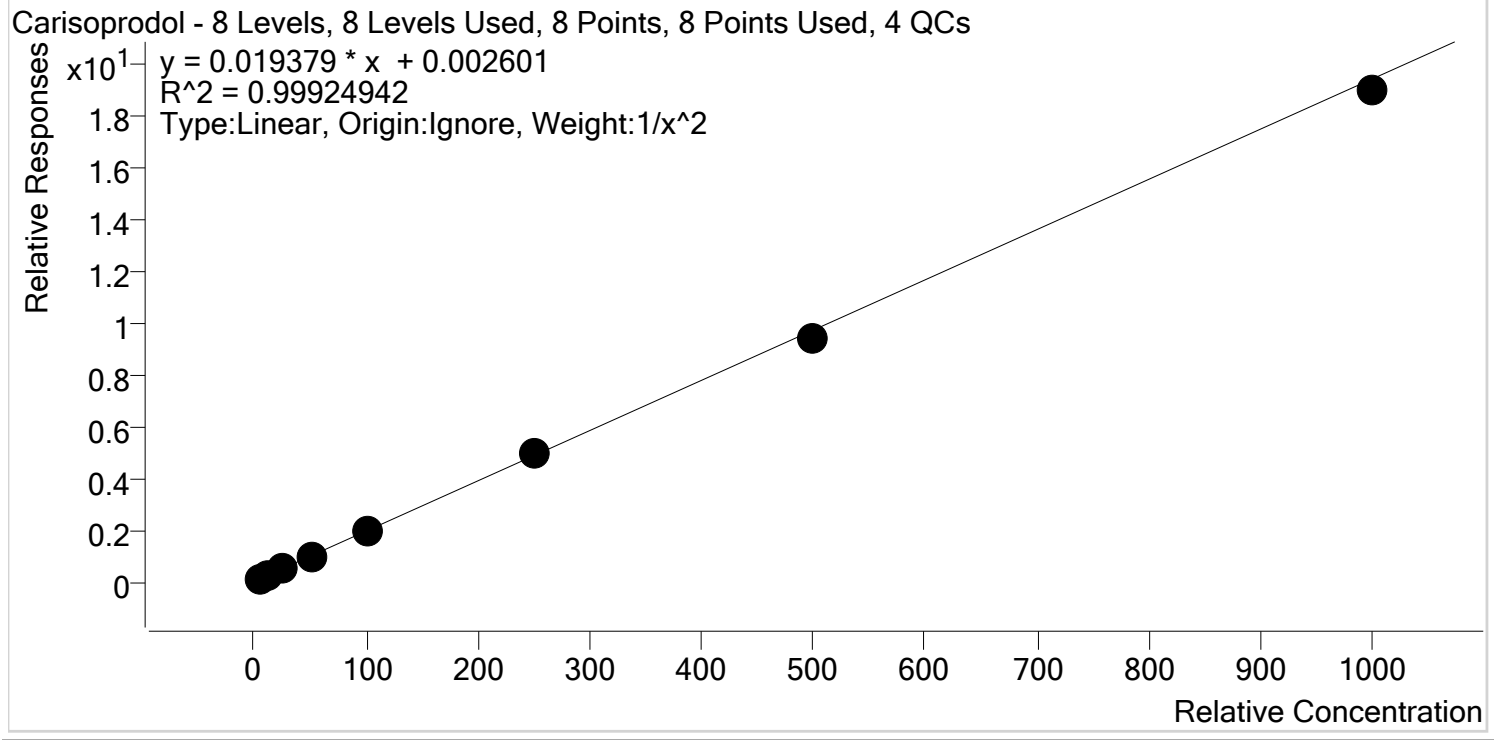
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	951.1	95.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7



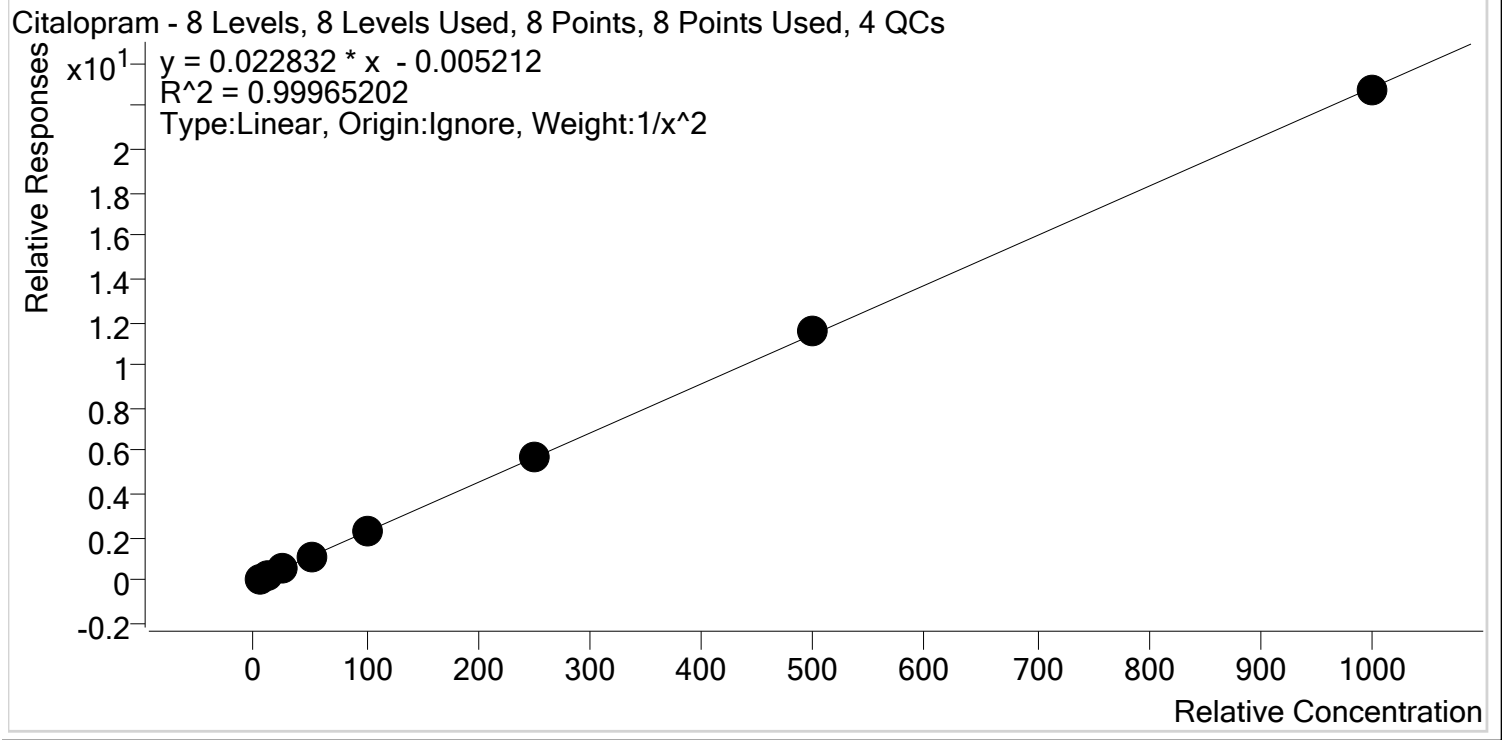
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	486.3	97.3
p1 Cal 8-1000ng	8	✓	1000.0	976.8	97.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Citalopram **Internal Standard** Citalopram-D6



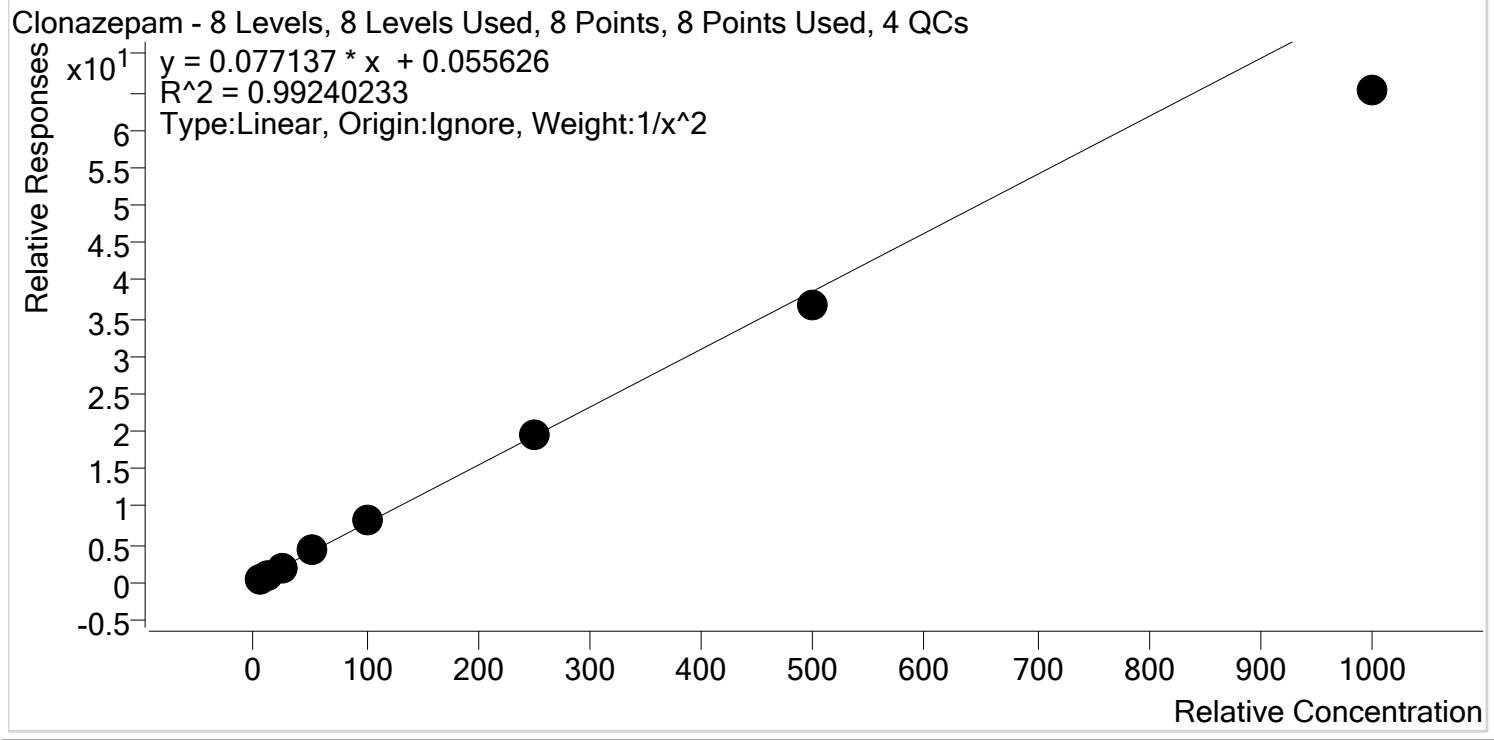
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	994.1	99.4

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4



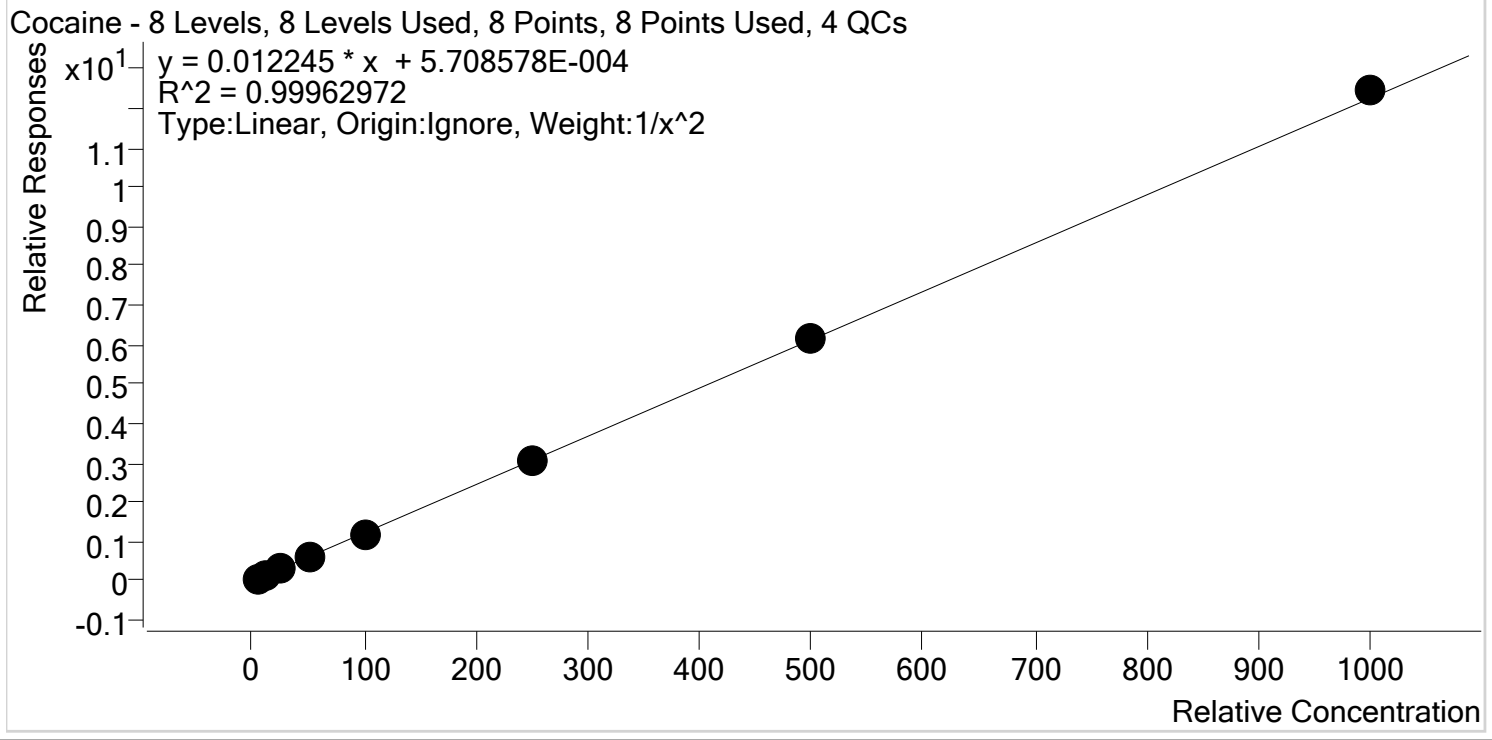
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	478.8	95.8
p1 Cal 8-1000ng	8	✓	1000.0	844.8	84.5

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cocaine **Internal Standard** Cocaine-d3



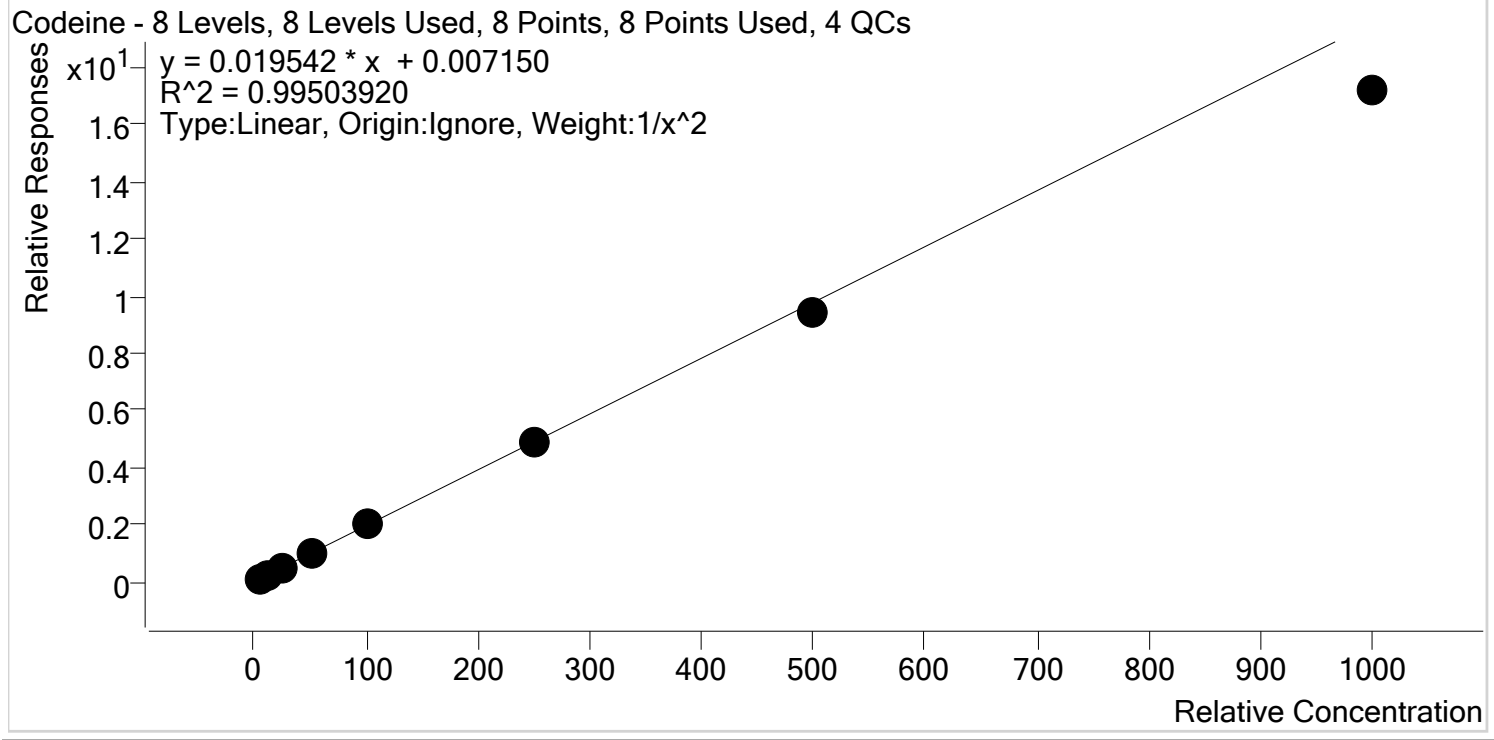
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1016.2	101.6

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Codeine **Internal Standard** Codeine-D6



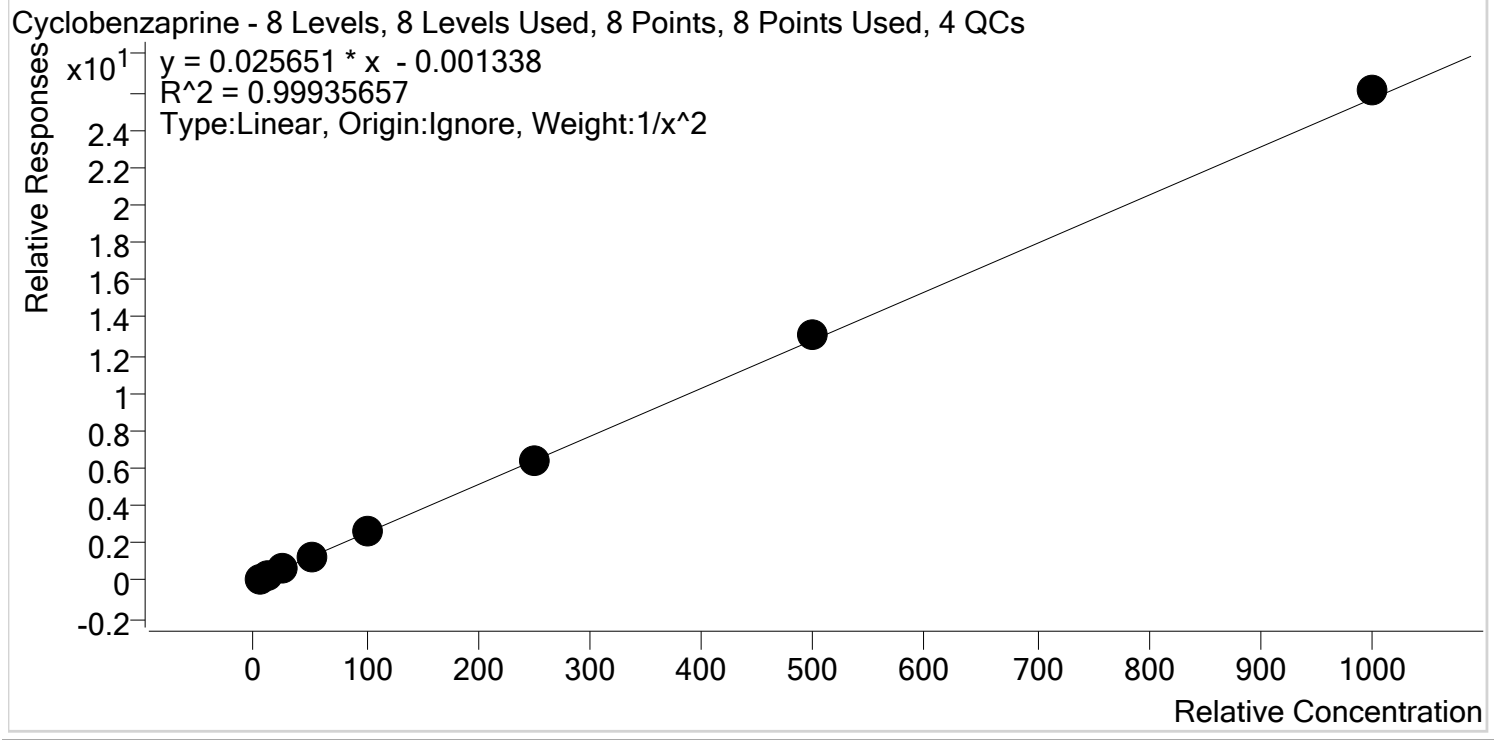
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	483.4	96.7
p1 Cal 8-1000ng	8	✓	1000.0	879.5	88.0

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



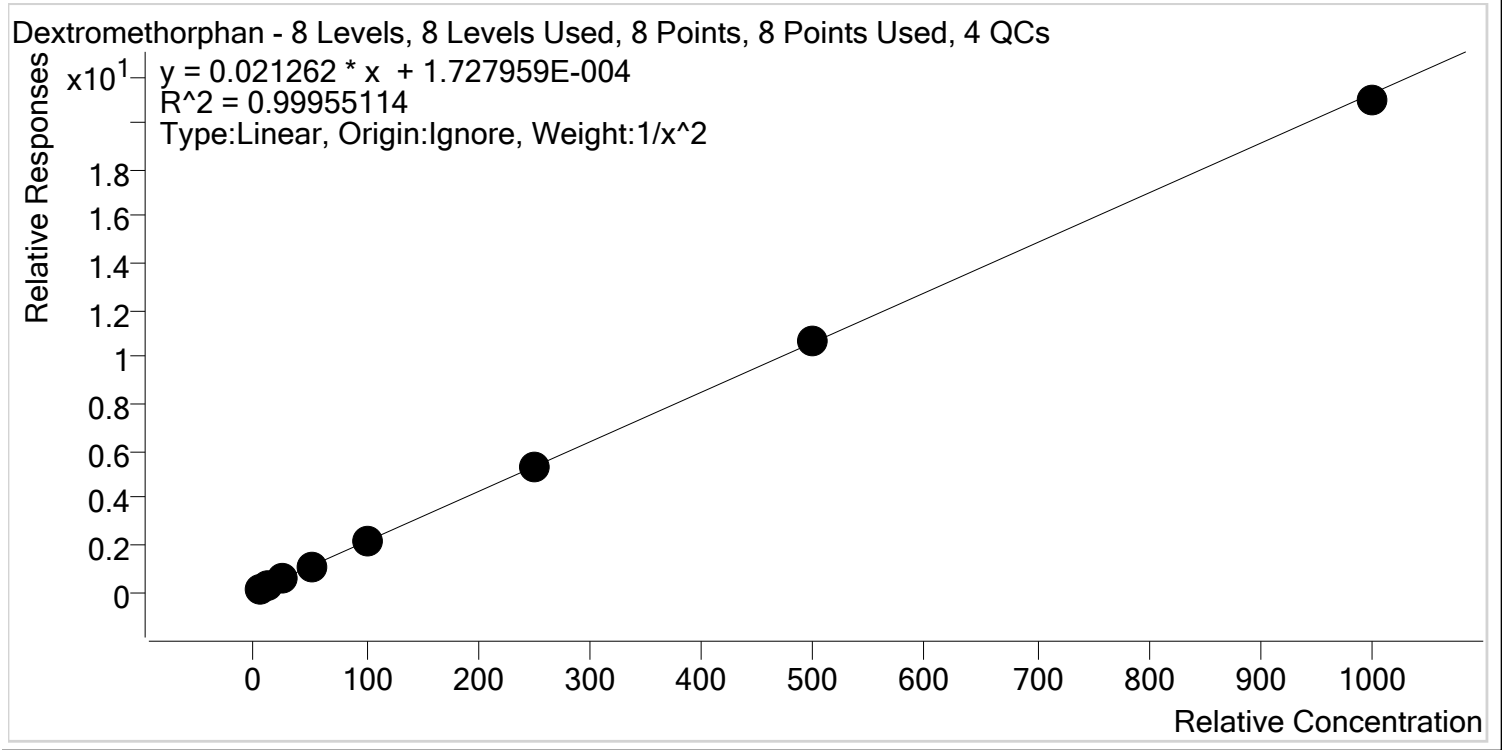
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	509.8	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1017.1	101.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	985.8	98.6

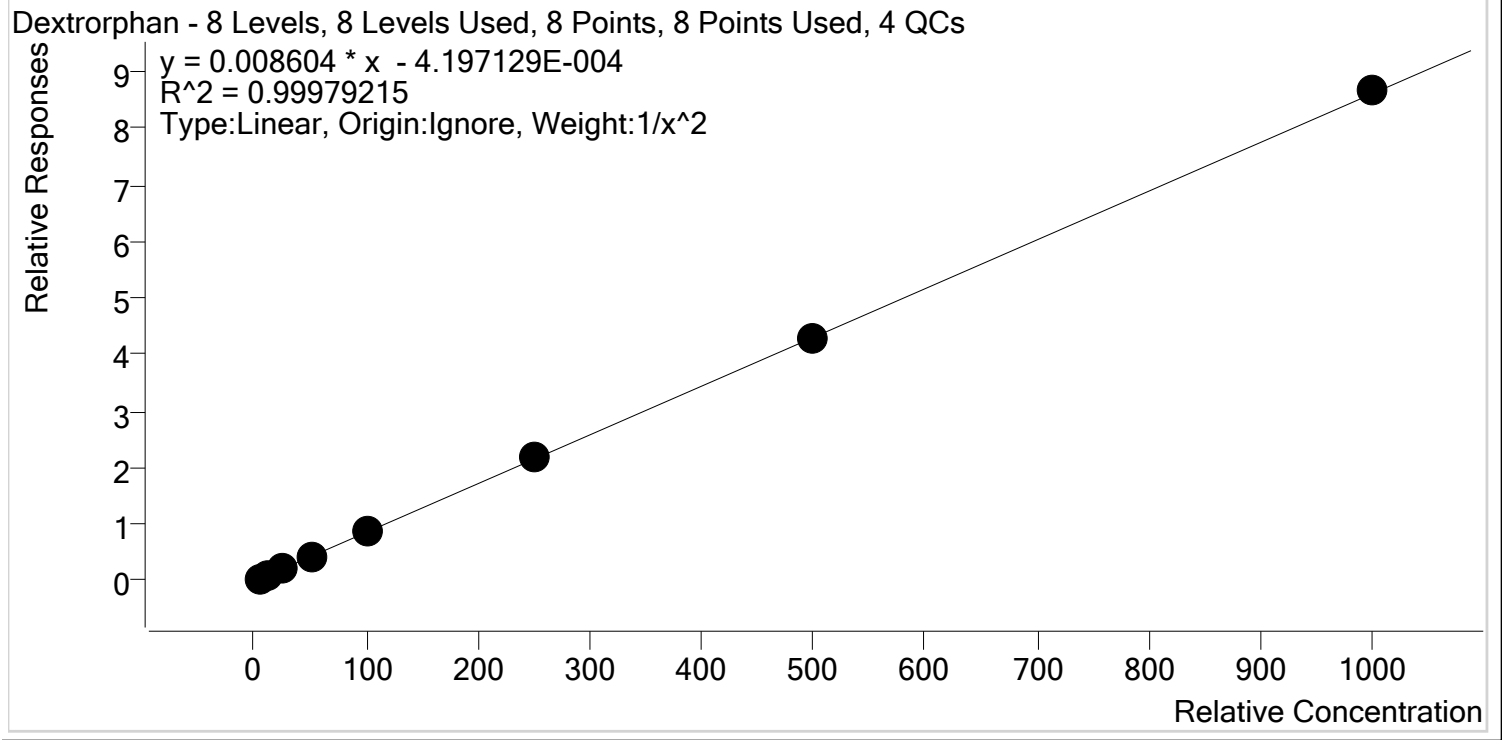


SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dextrorphan **Internal Standard** Dextrorphan-D3



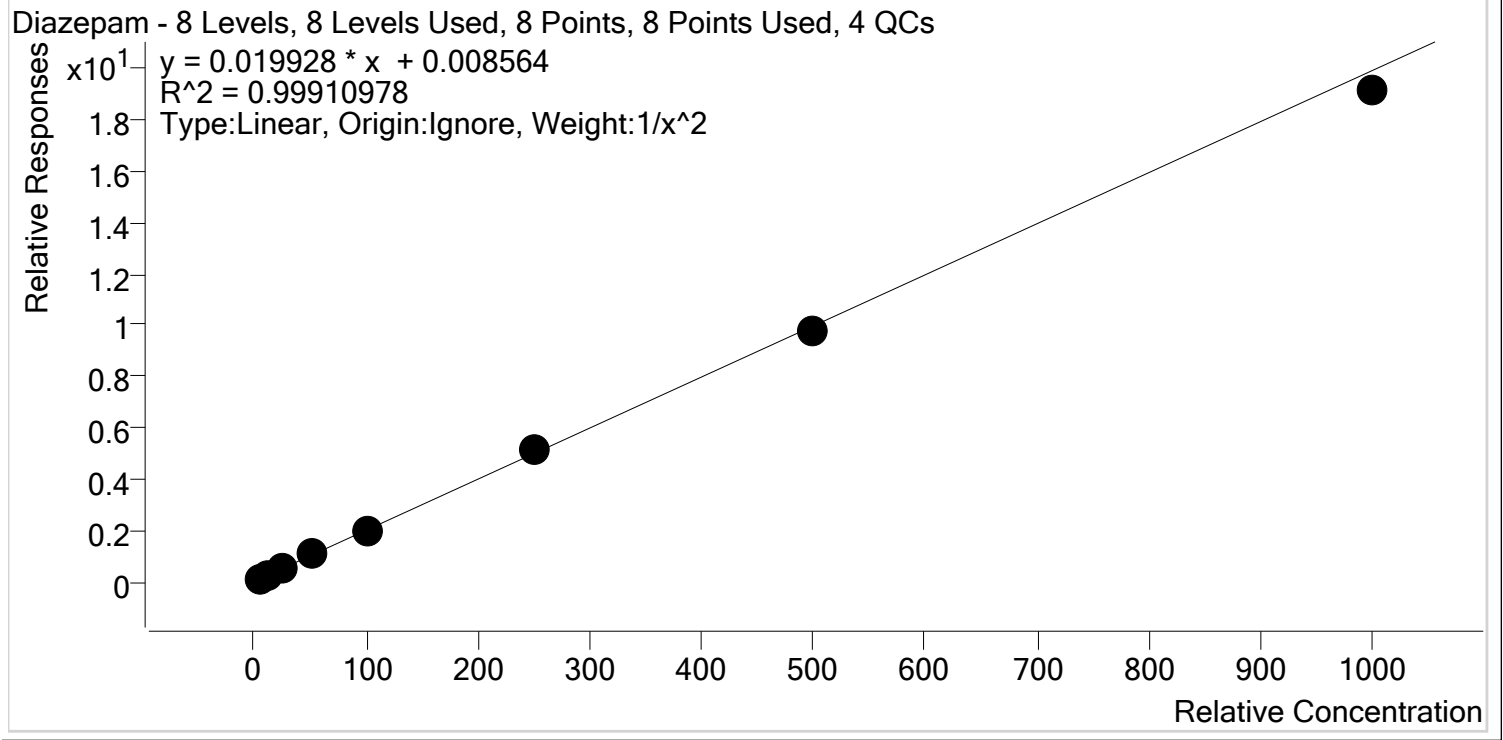
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1006.5	100.6

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



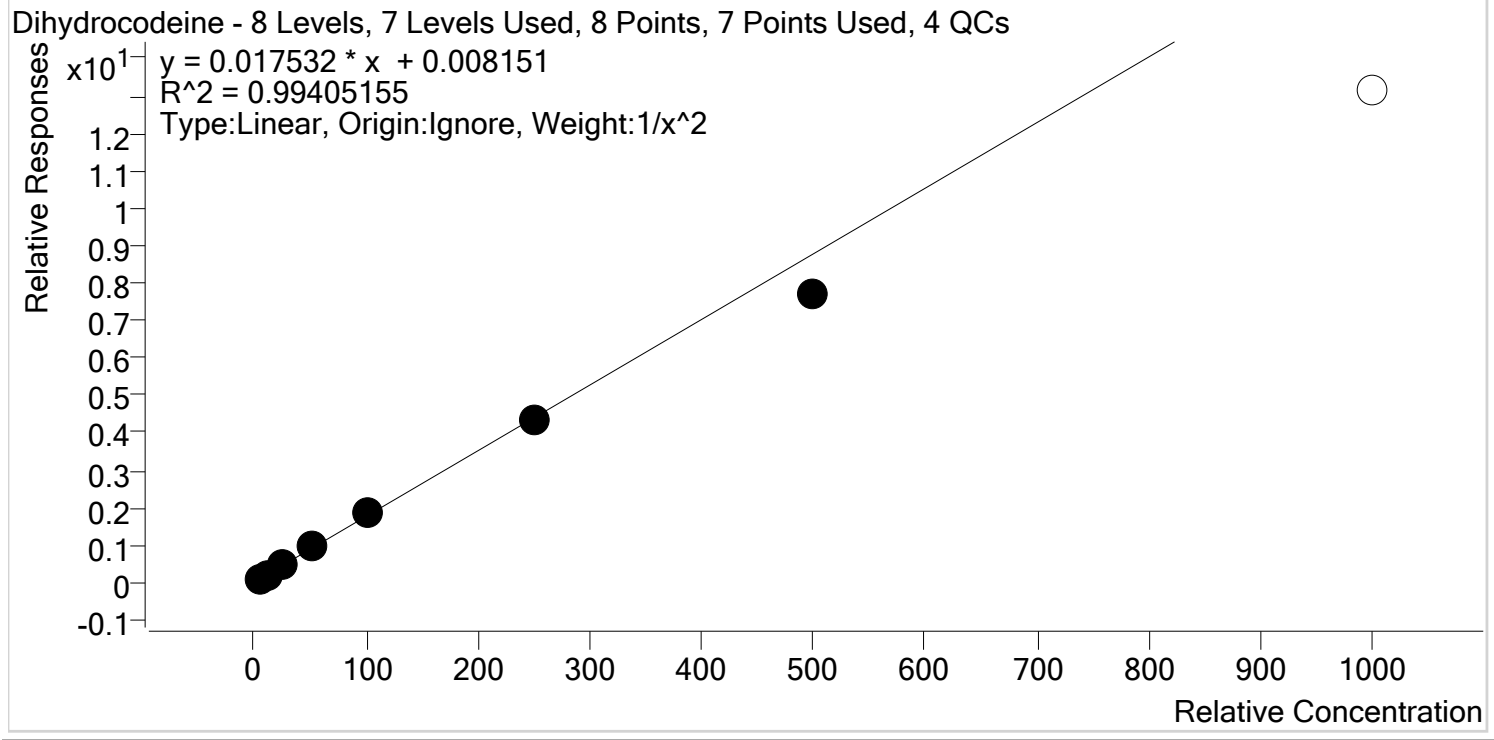
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	490.7	98.1
p1 Cal 8-1000ng	8	✓	1000.0	960.8	96.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



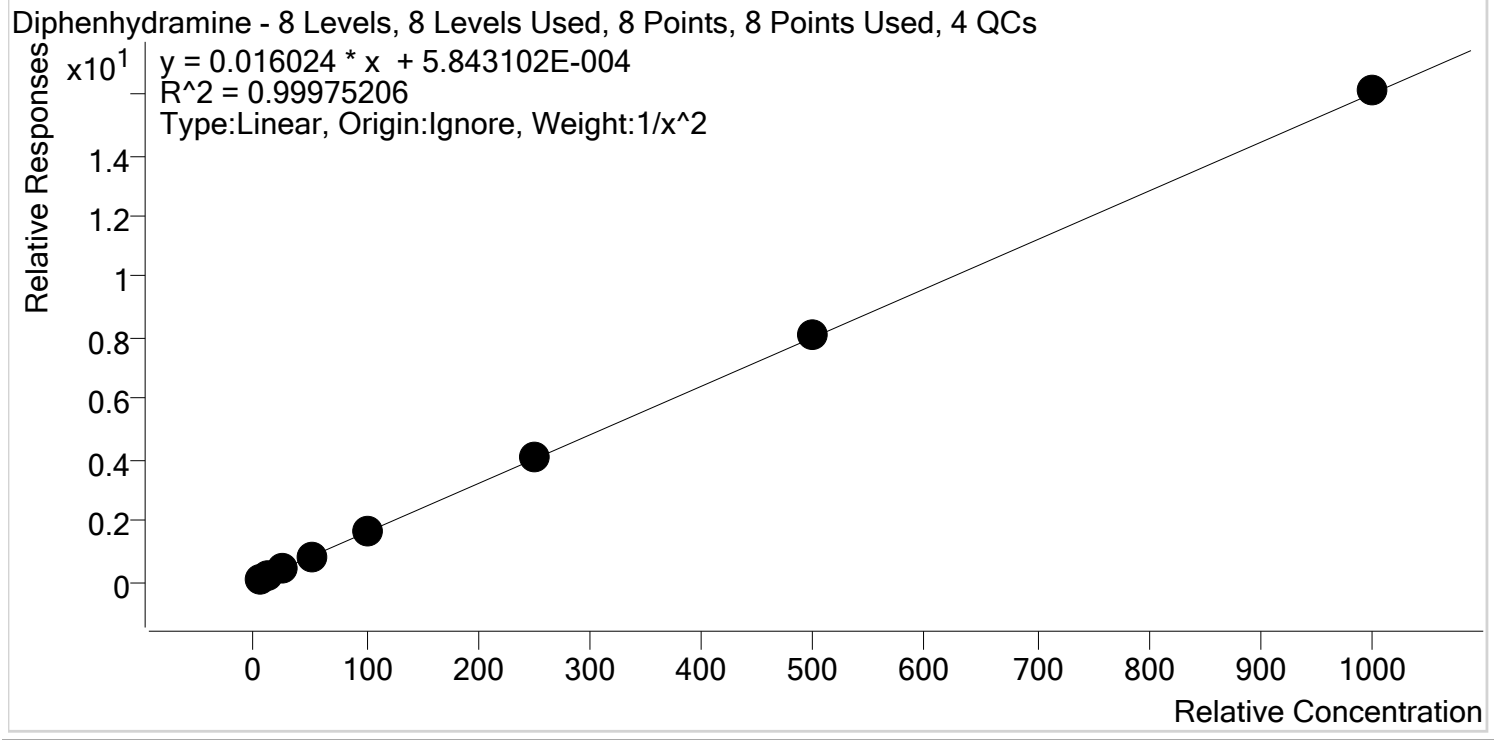
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	437.1	87.4
p1 Cal 8-1000ng	8	✗	1000.0	748.9	74.9

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3



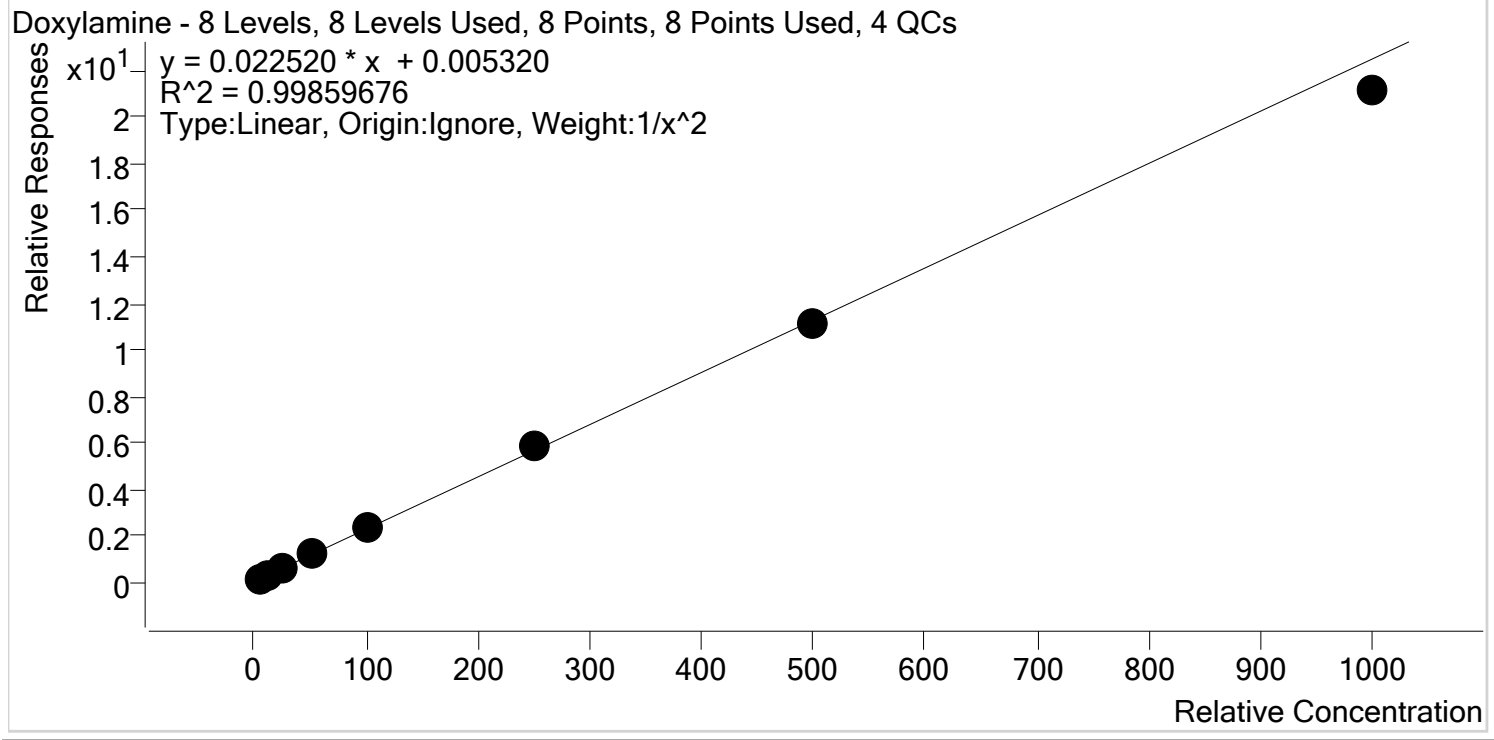
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1006.3	100.6

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5



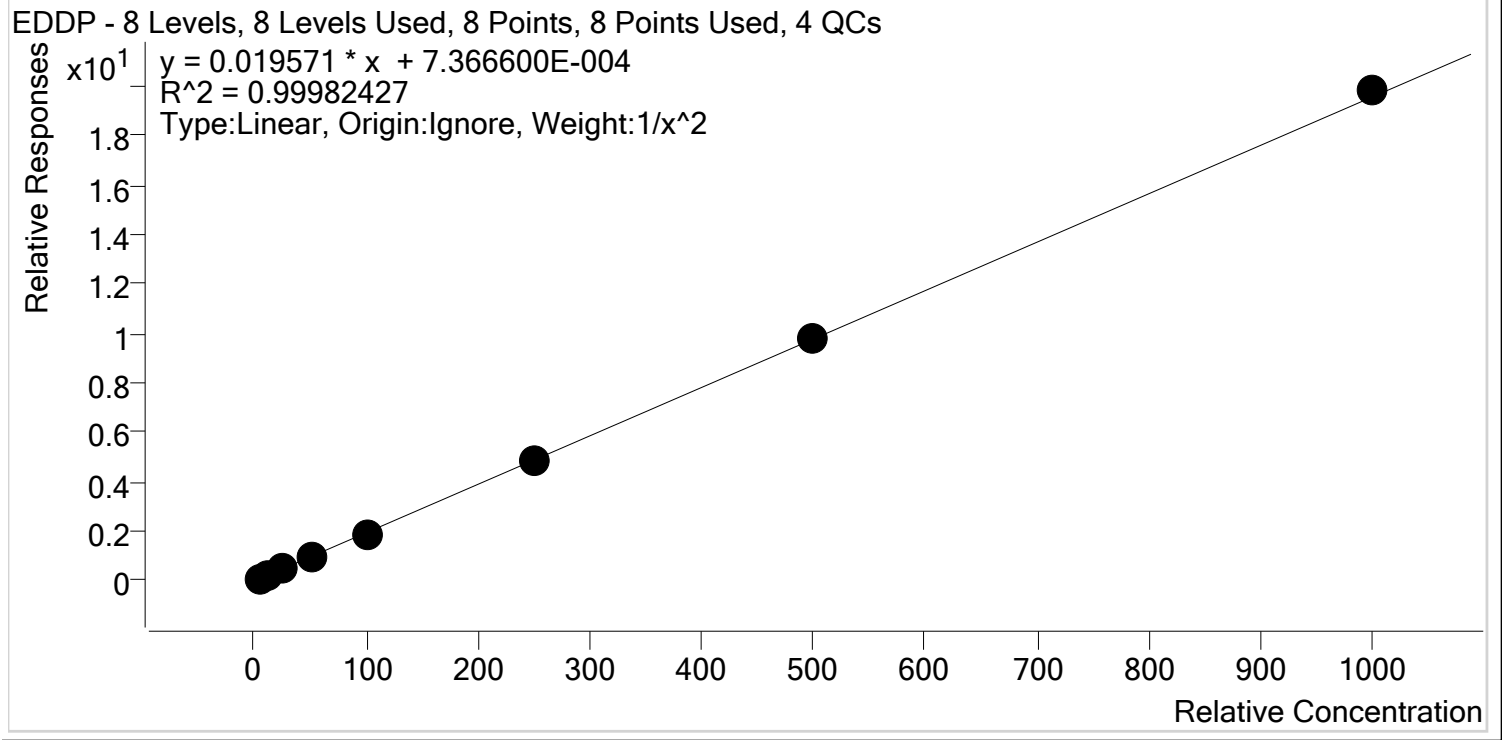
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	939.6	94.0

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** EDDP **Internal Standard** EDDP-D3



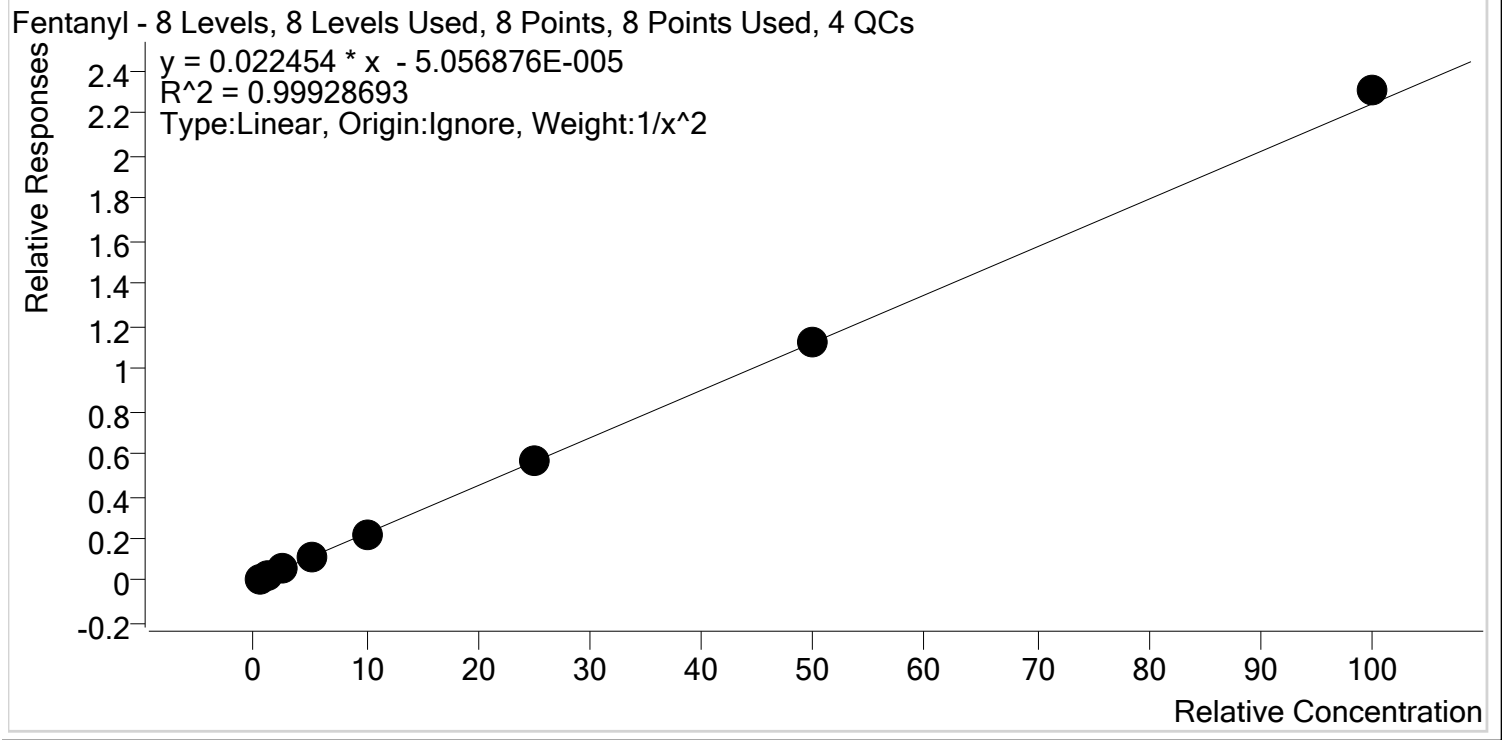
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1013.3	101.3

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5



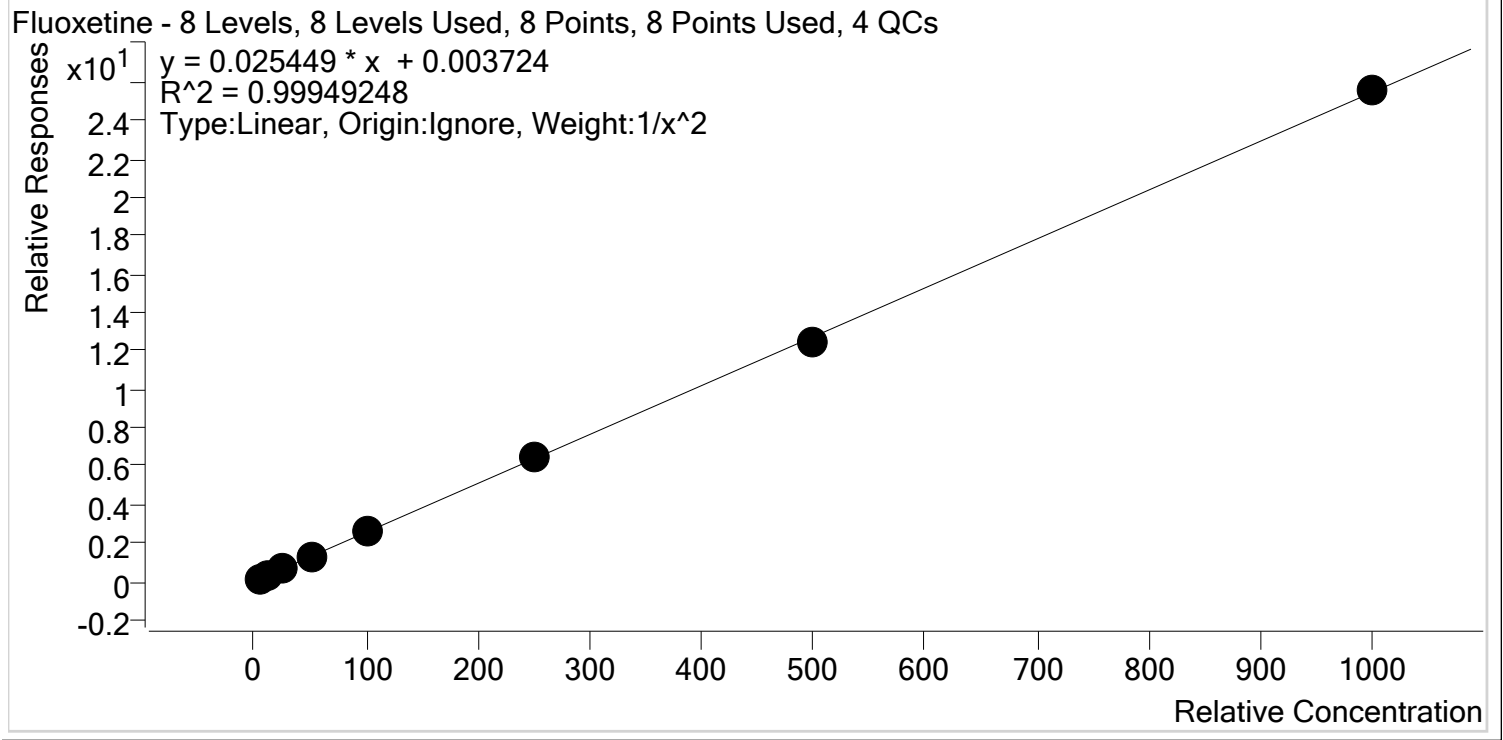
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	100.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.8
p1 Cal 5-100ng	5	✓	10.0	10.0	99.6
p1 Cal 6-250ng	6	✓	25.0	25.1	100.5
p1 Cal 7-500ng	7	✓	50.0	50.3	100.5
p1 Cal 8-1000ng	8	✓	100.0	102.8	102.8

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1003.6	100.4

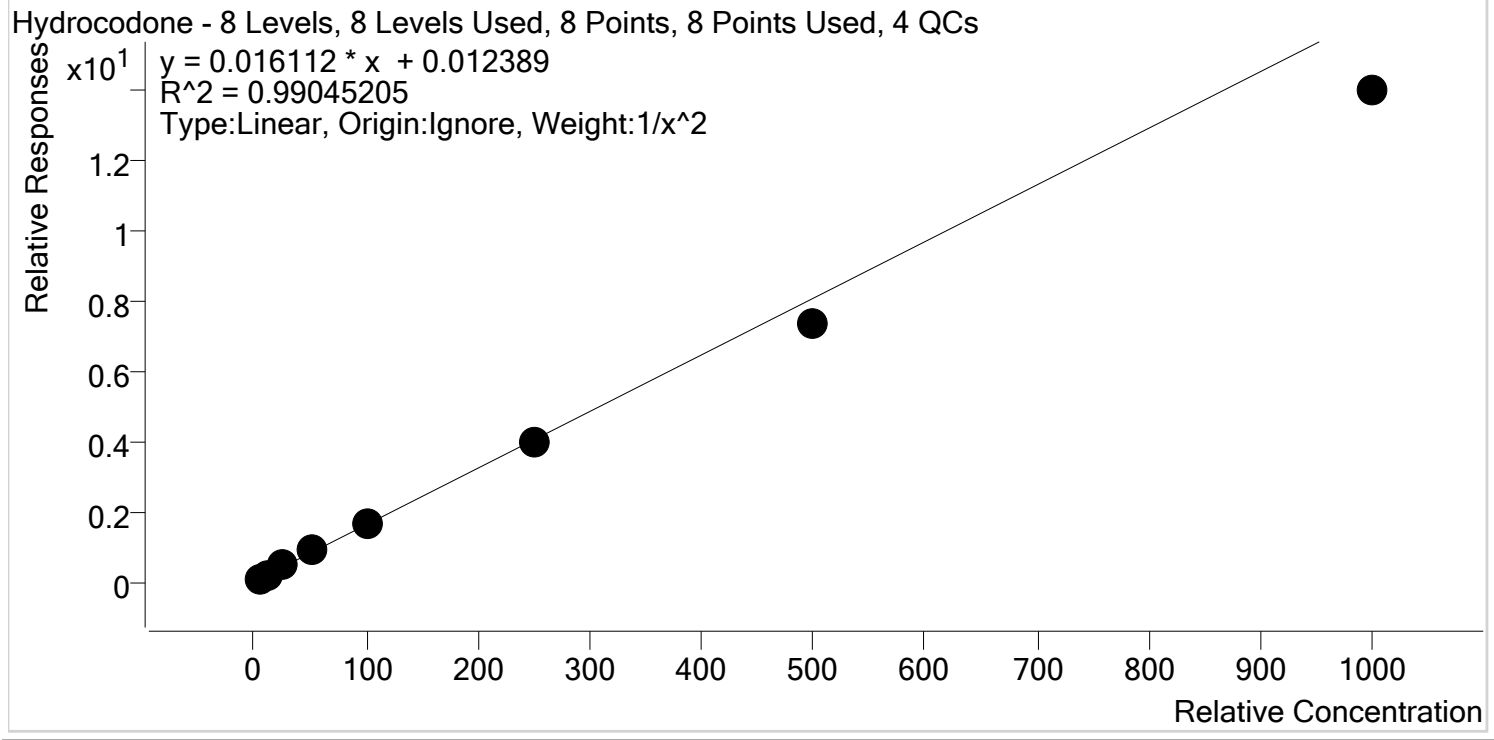


SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6



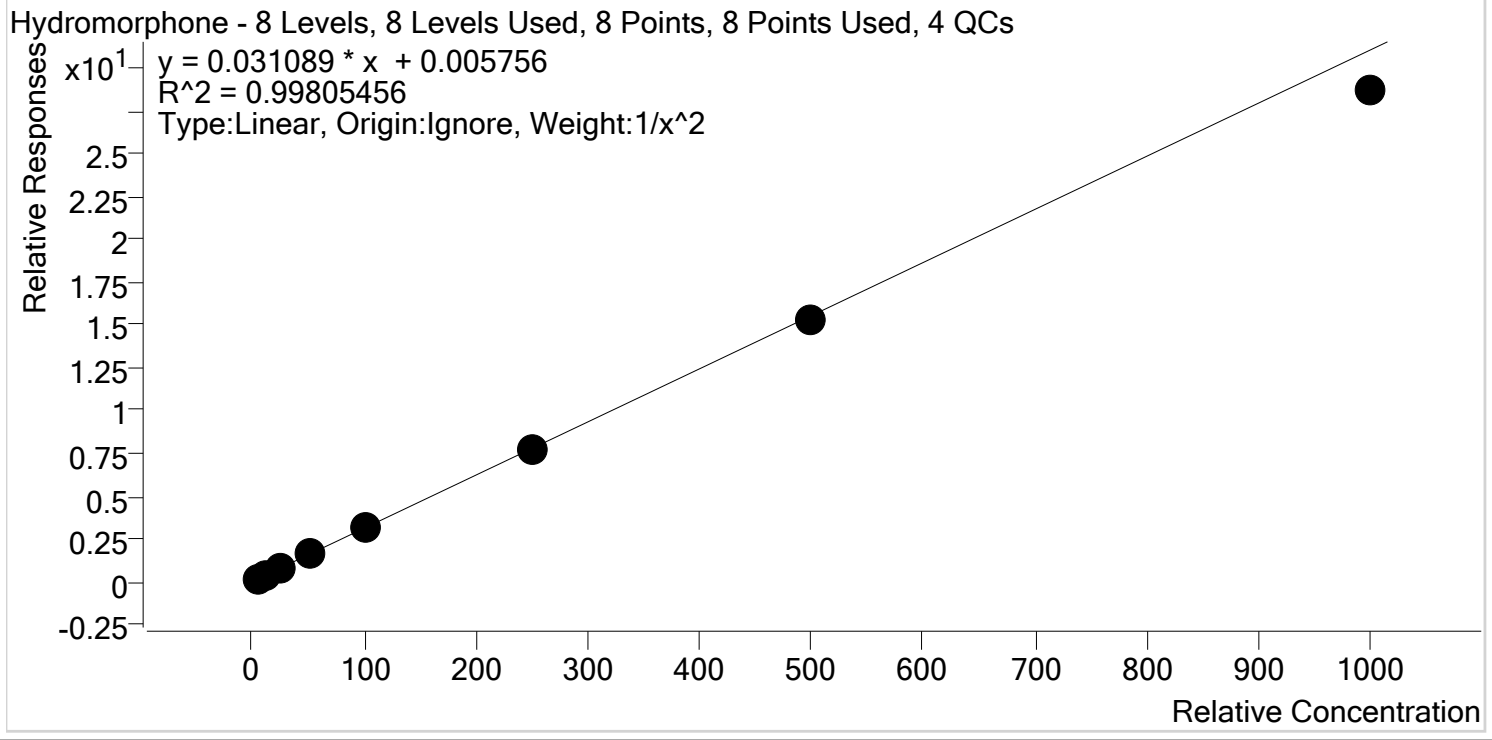
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	56.5	113.1
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	456.9	91.4
p1 Cal 8-1000ng	8	✓	1000.0	866.6	86.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6



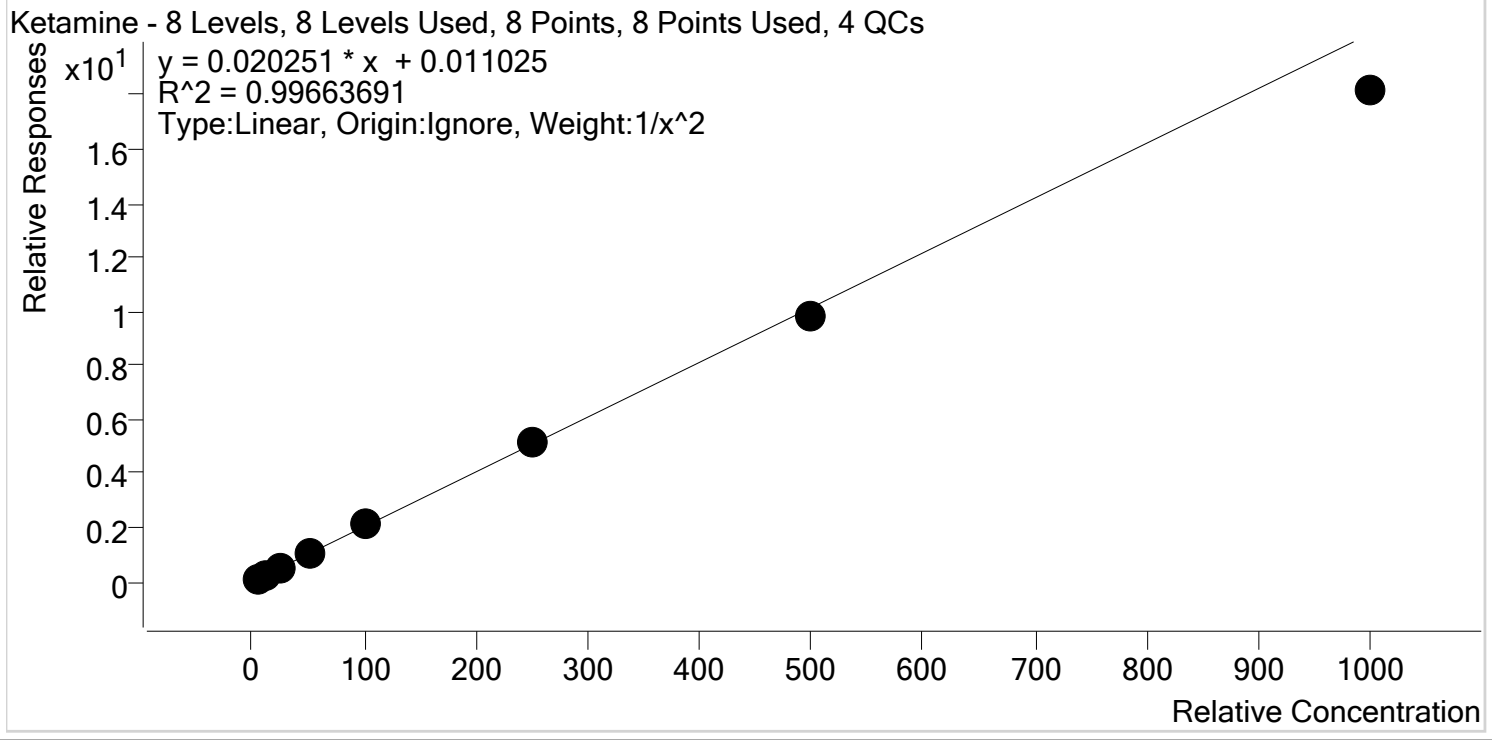
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	494.0	98.8
p1 Cal 8-1000ng	8	✓	1000.0	923.7	92.4

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	896.2	89.6

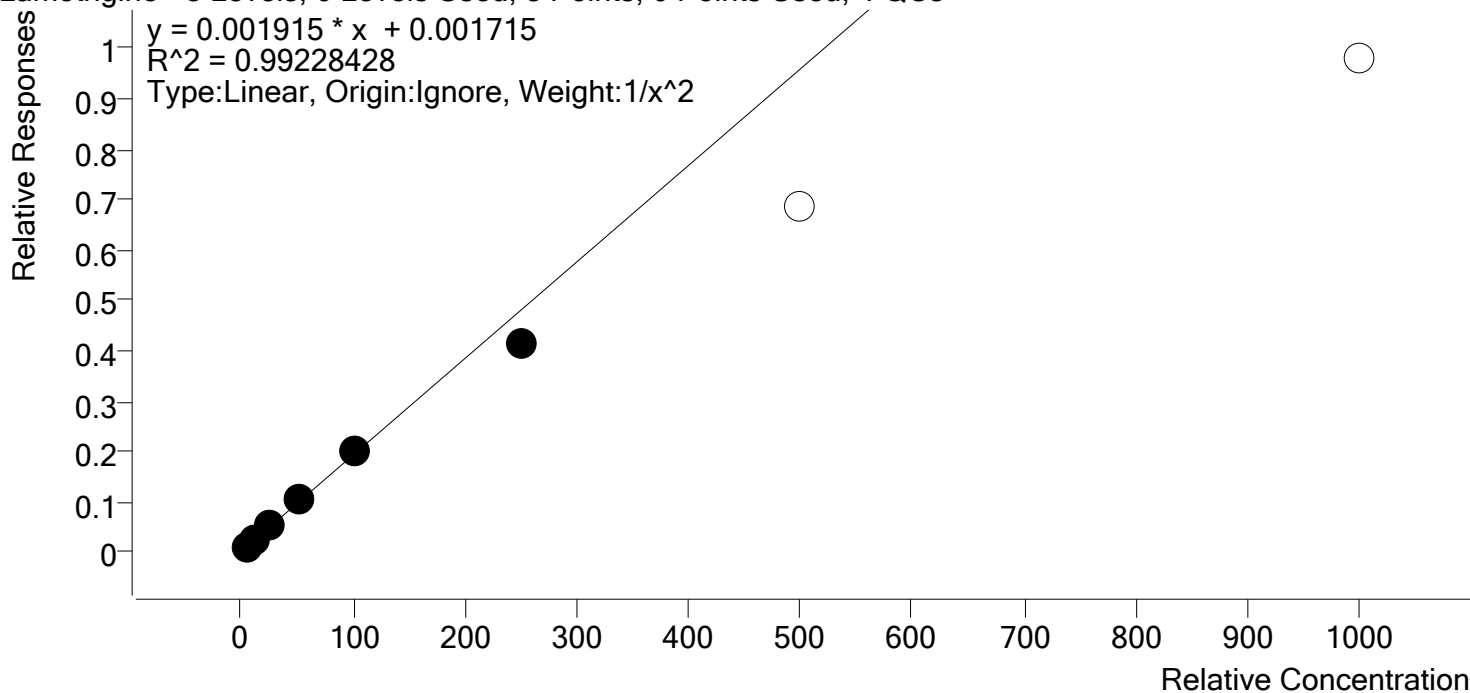
SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lamotrigine **Internal Standard** Ketamine-D4

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



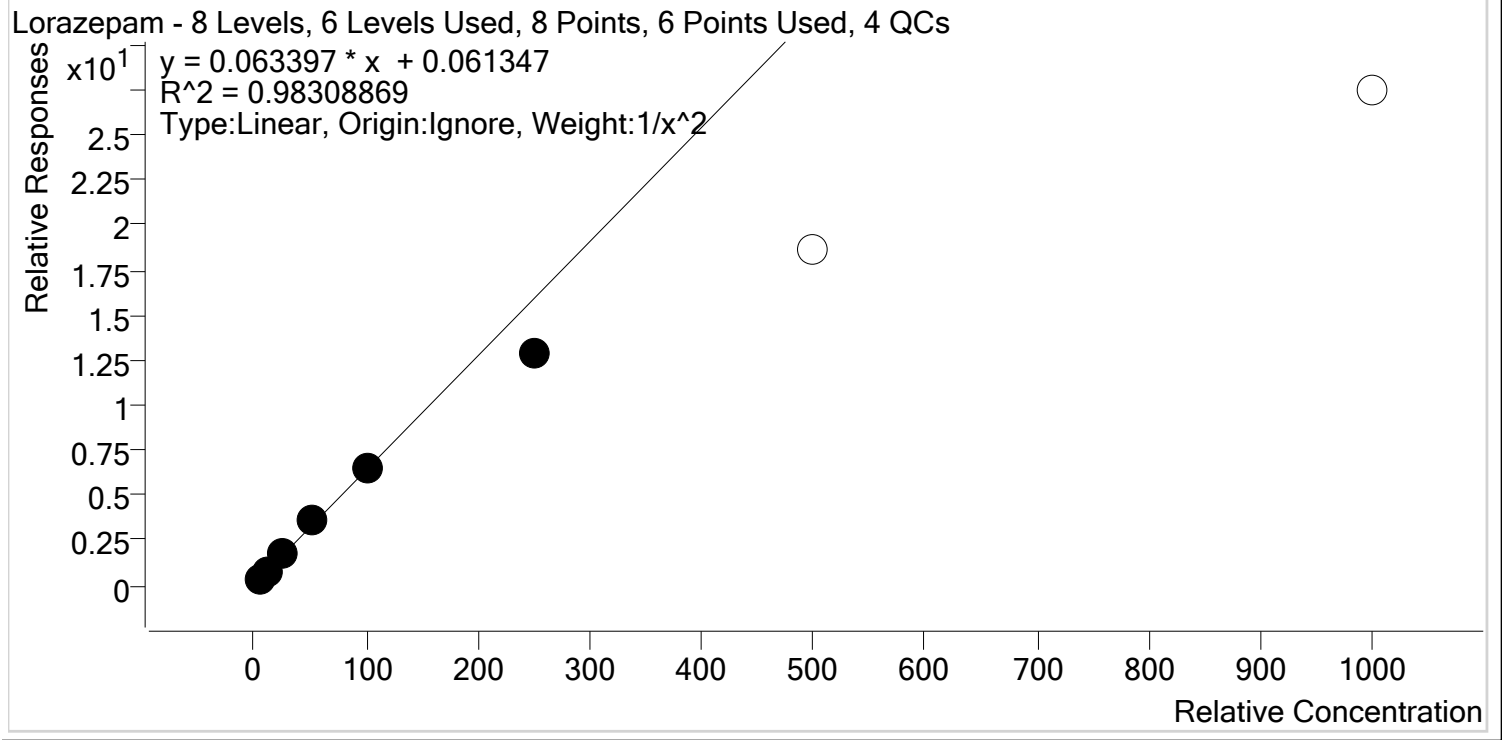
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	217.3	86.9
p1 Cal 7-500ng	7	x	500.0	358.1	71.6
p1 Cal 8-1000ng	8	x	1000.0	510.7	51.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Lorazepam **Internal Standard** Clonazepam-D4



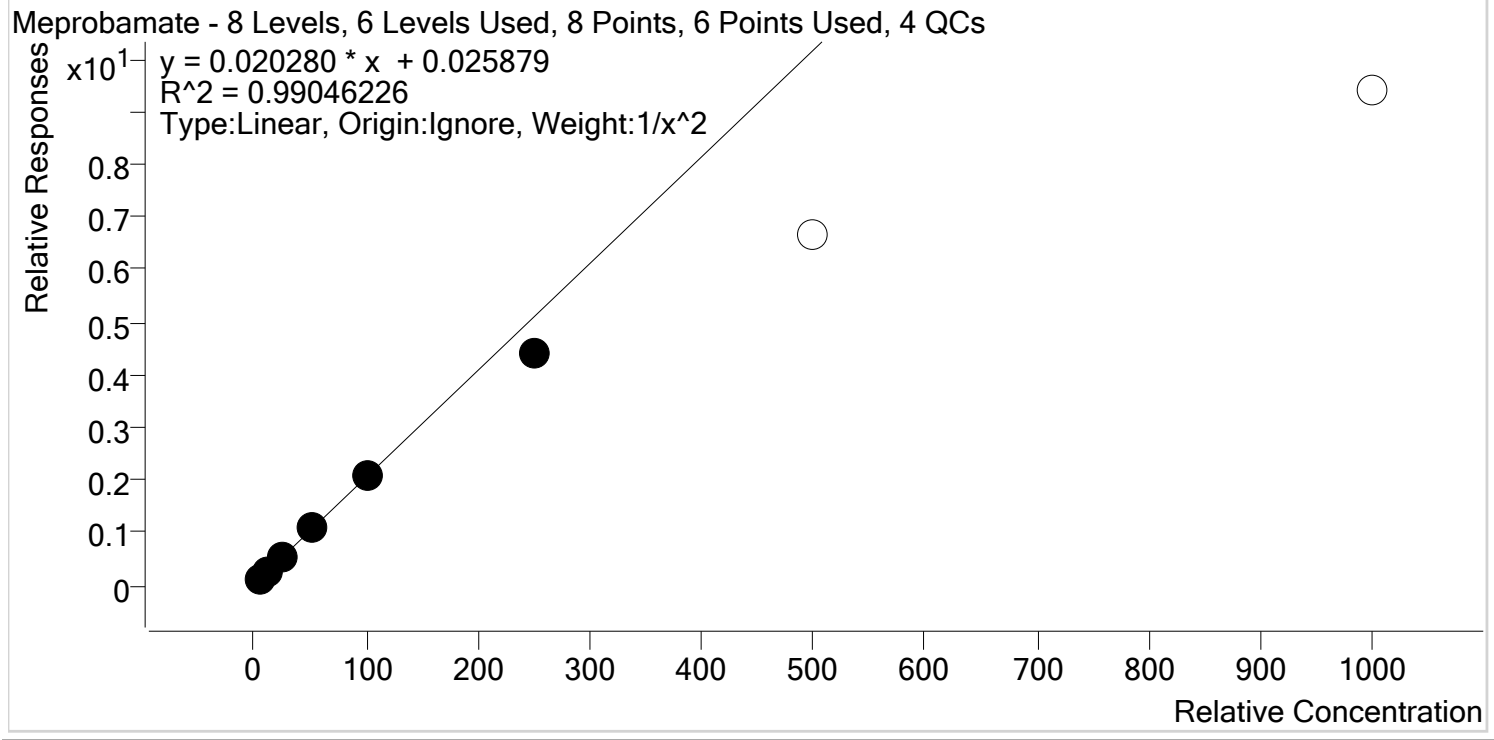
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	203.1	81.2
p1 Cal 7-500ng	7	✗	500.0	293.1	58.6
p1 Cal 8-1000ng	8	✗	1000.0	432.3	43.2

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7



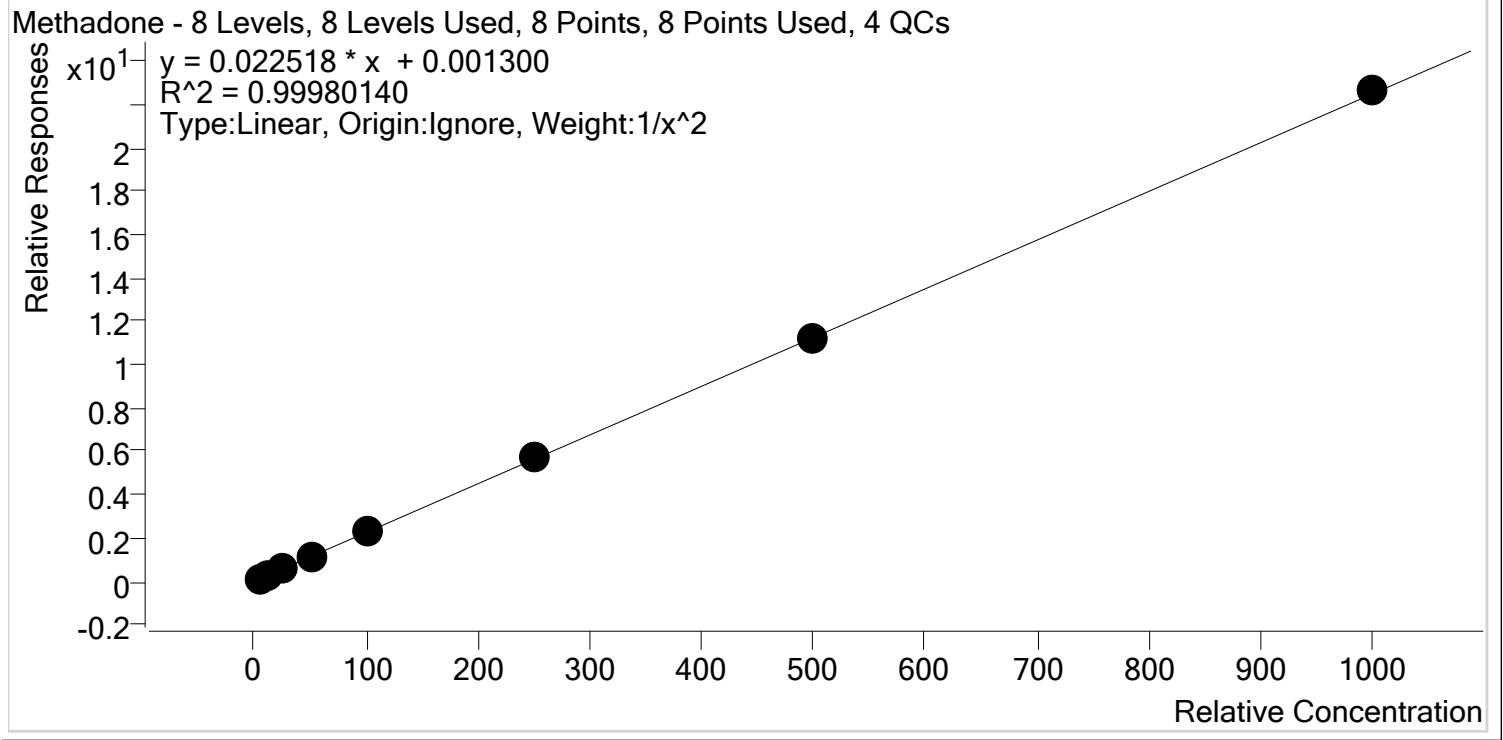
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	214.4	85.8
p1 Cal 7-500ng	7	x	500.0	328.5	65.7
p1 Cal 8-1000ng	8	x	1000.0	462.1	46.2

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methadone **Internal Standard** Methadone-D9



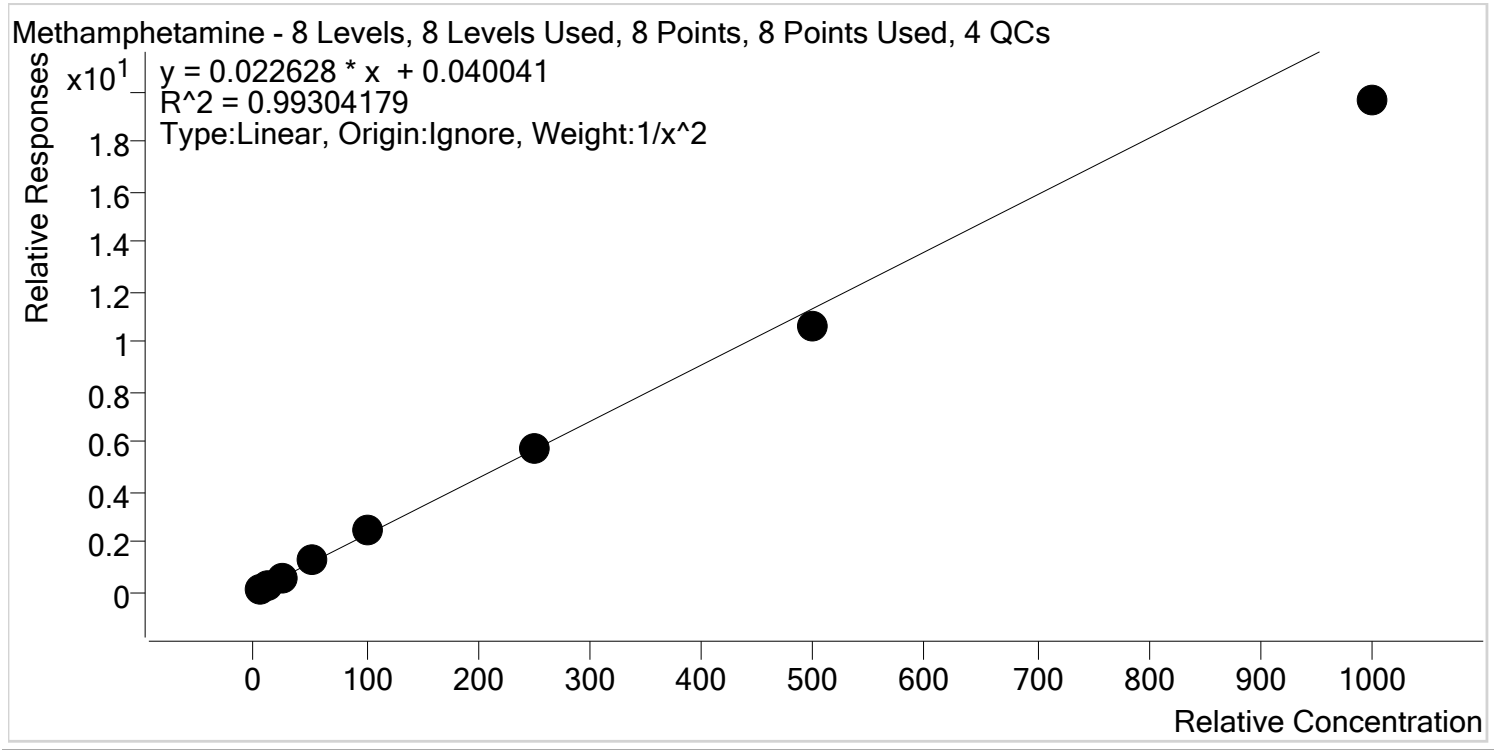
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	500.5	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1007.1	100.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	467.9	93.6
p1 Cal 8-1000ng	8	✓	1000.0	866.8	86.7

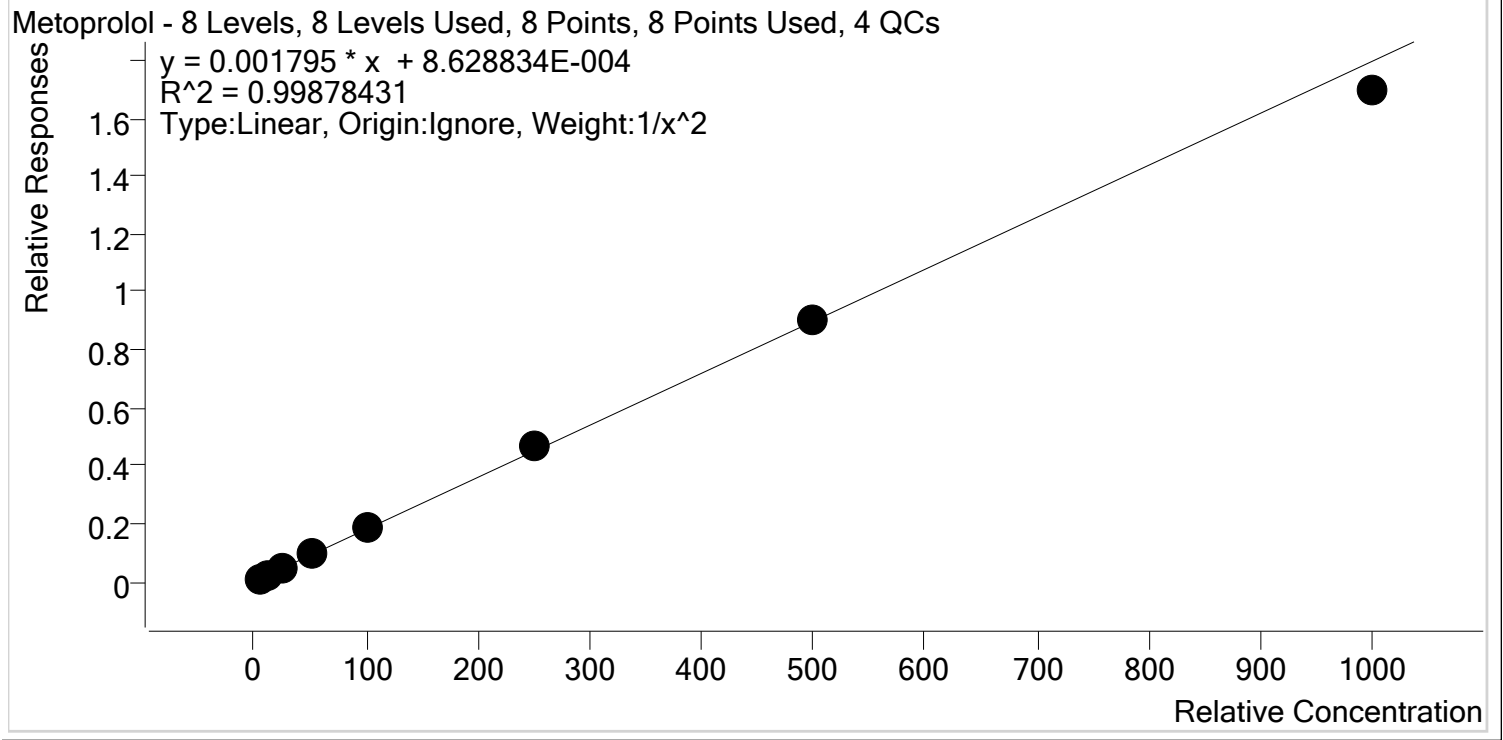


SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Metoprolol **Internal Standard** Tramadol-13C-D3



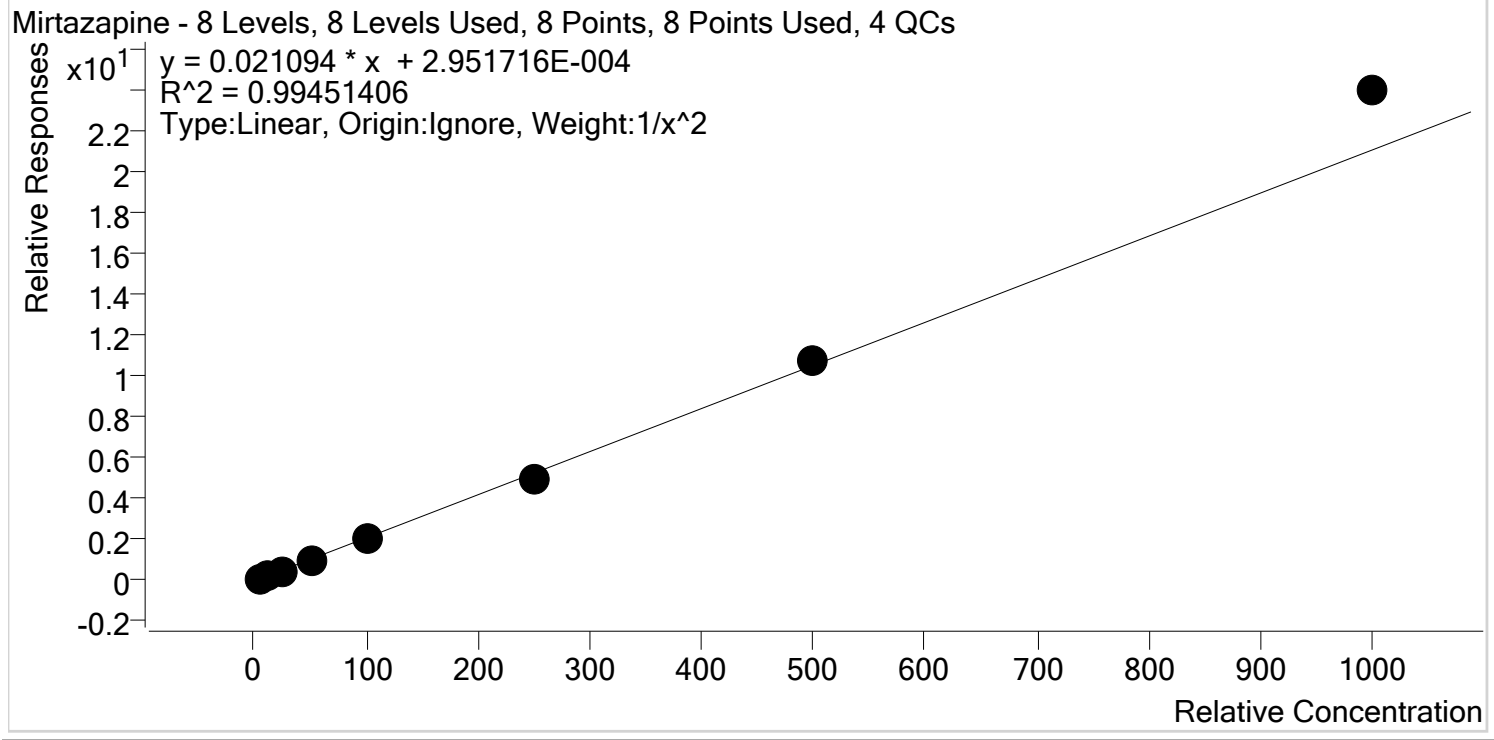
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	259.1	103.7
p1 Cal 7-500ng	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng	8	✓	1000.0	943.7	94.4

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-d8



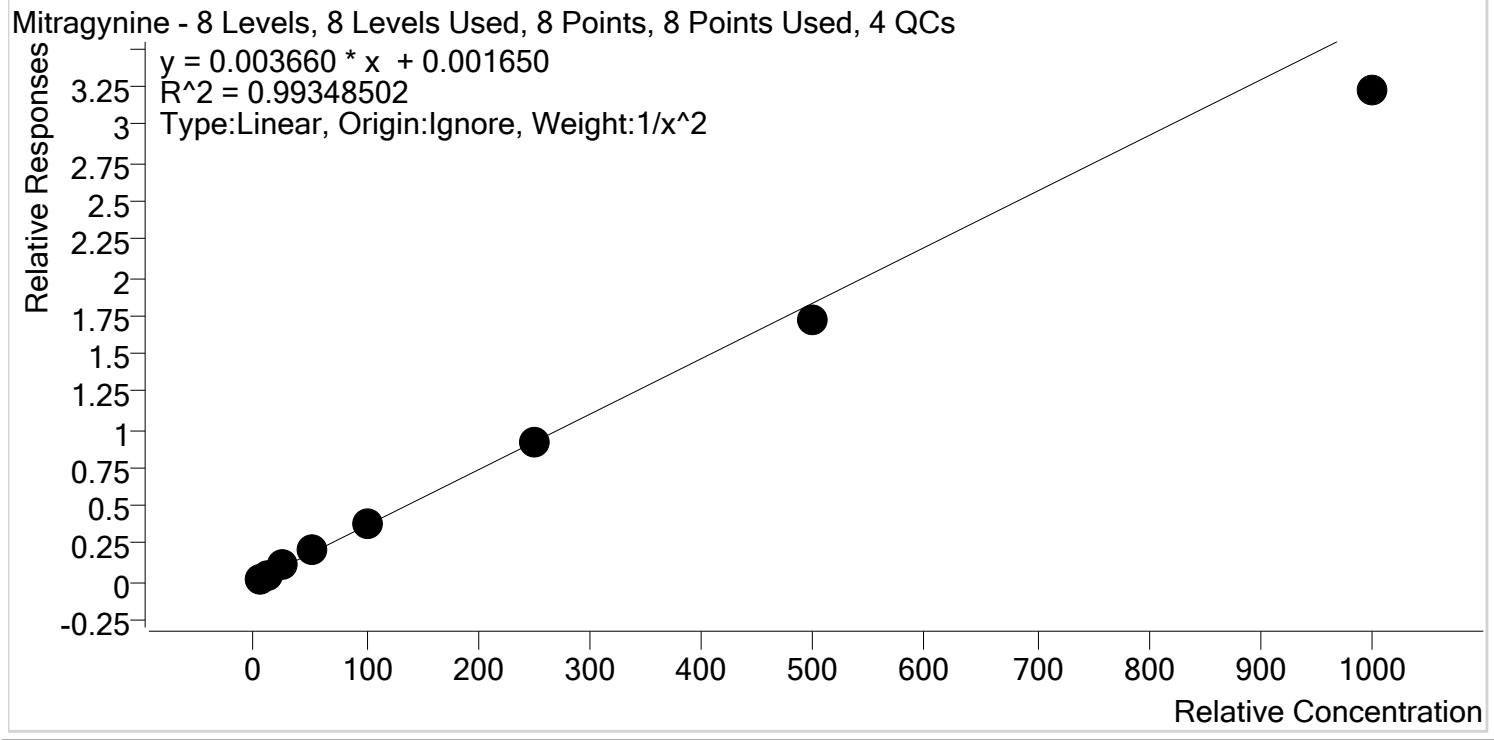
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	238.8	95.5
p1 Cal 7-500ng	7	✓	500.0	509.7	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1137.8	113.8

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



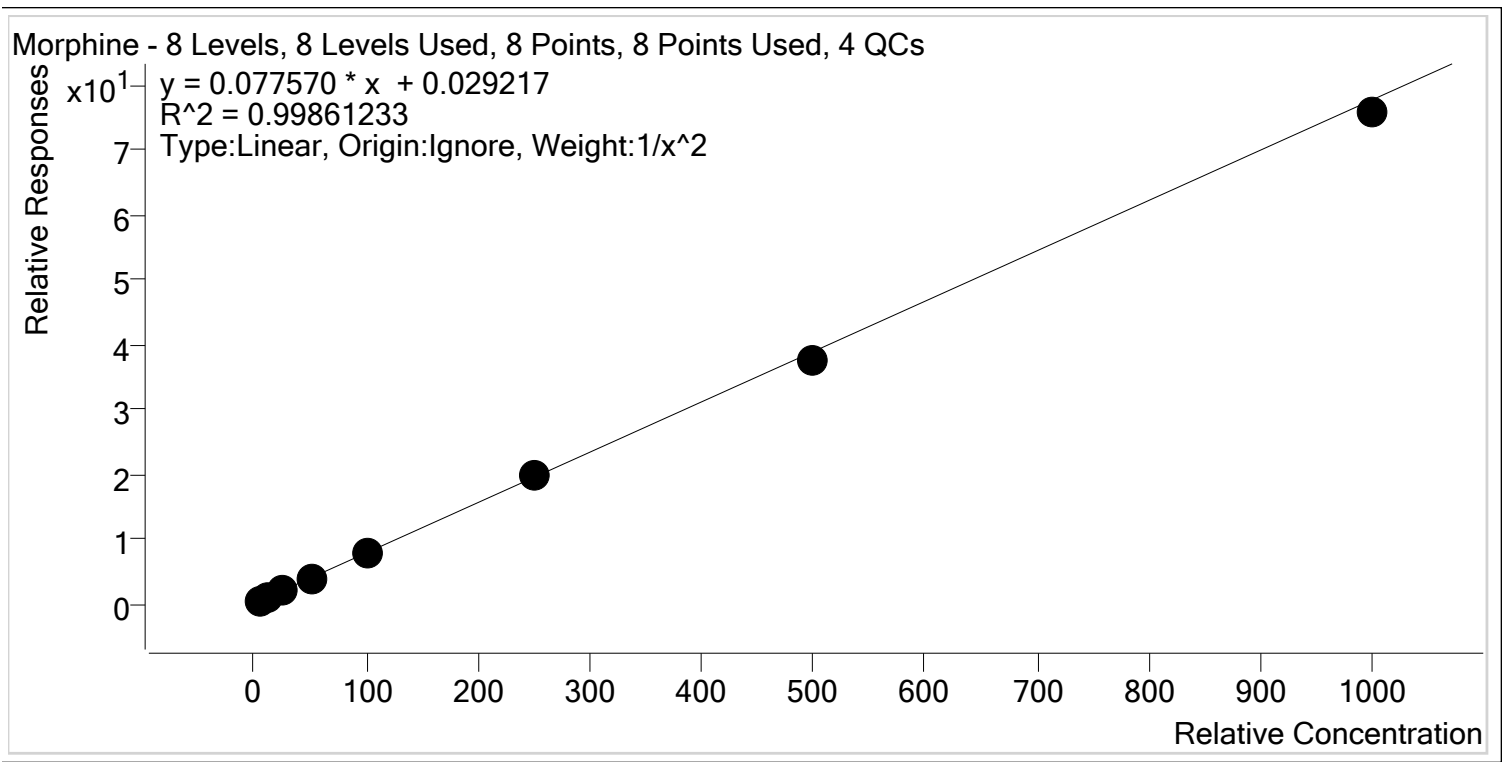
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	470.5	94.1
p1 Cal 8-1000ng	8	✓	1000.0	881.0	88.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Morphine **Internal Standard** Morphine-D6



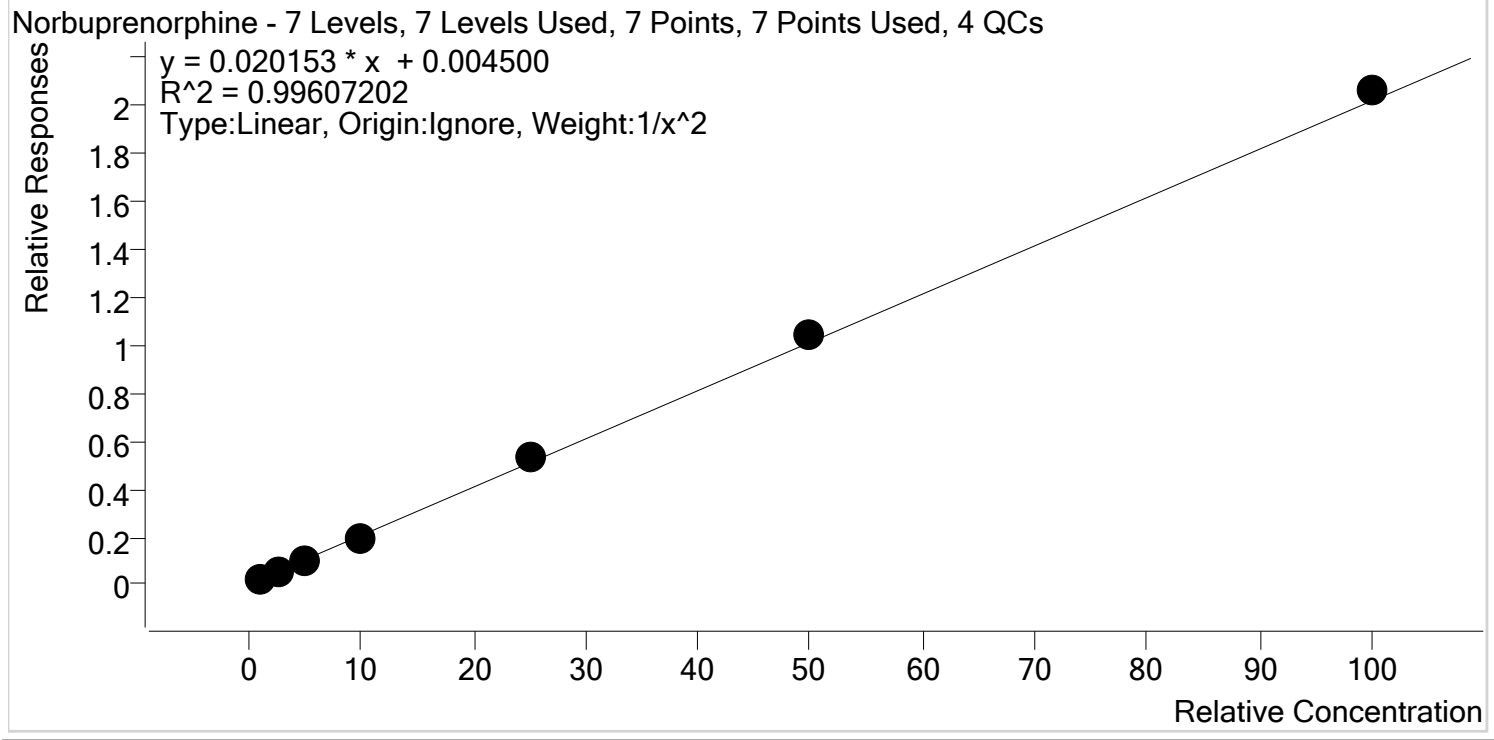
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2- 10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	482.2	96.4
p1 Cal 8-1000ng	8	✓	1000.0	974.7	97.5

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



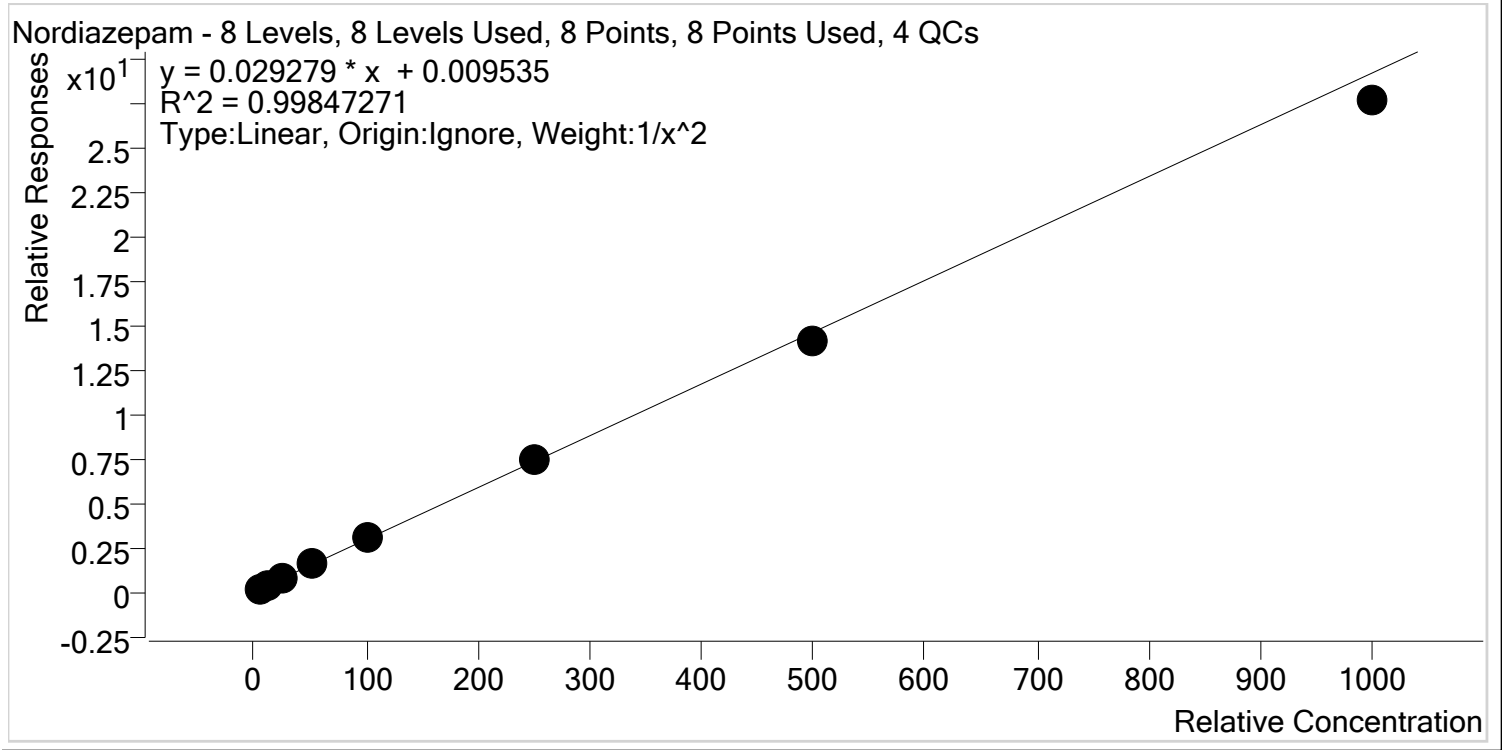
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	✓	1.0	1.0	104.0
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.7
p1 Cal 4-50ng	4	✓	5.0	5.1	101.4
p1 Cal 5-100ng	5	✓	10.0	9.6	95.8
p1 Cal 6-250ng	6	✓	25.0	26.1	104.6
p1 Cal 7-500ng	7	✓	50.0	51.2	102.5
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Nordiazepam Internal Standard Nordiazepam-D5



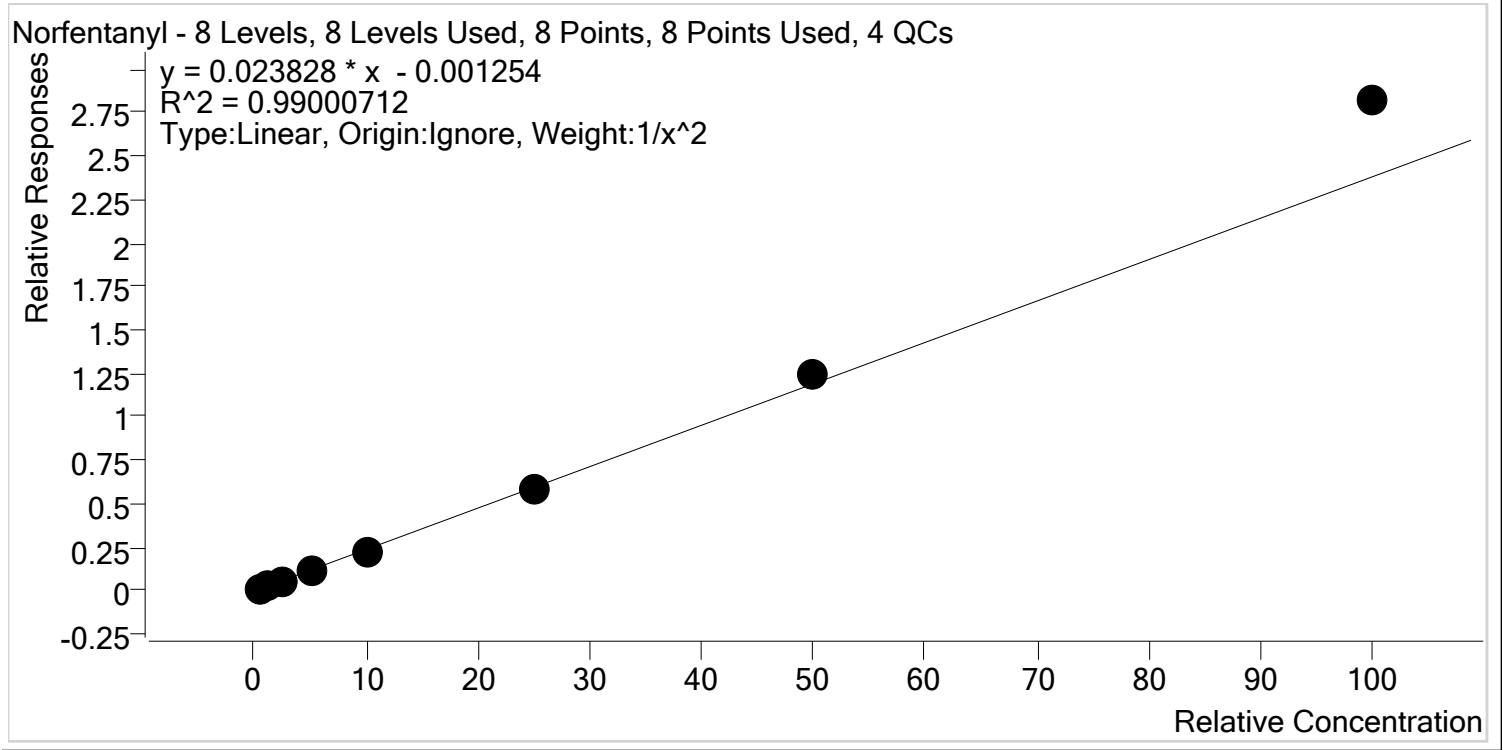
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	485.5	97.1
p1 Cal 8-1000ng	8	✓	1000.0	946.7	94.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norfentanyl **Internal Standard** Norfentanyl-D5



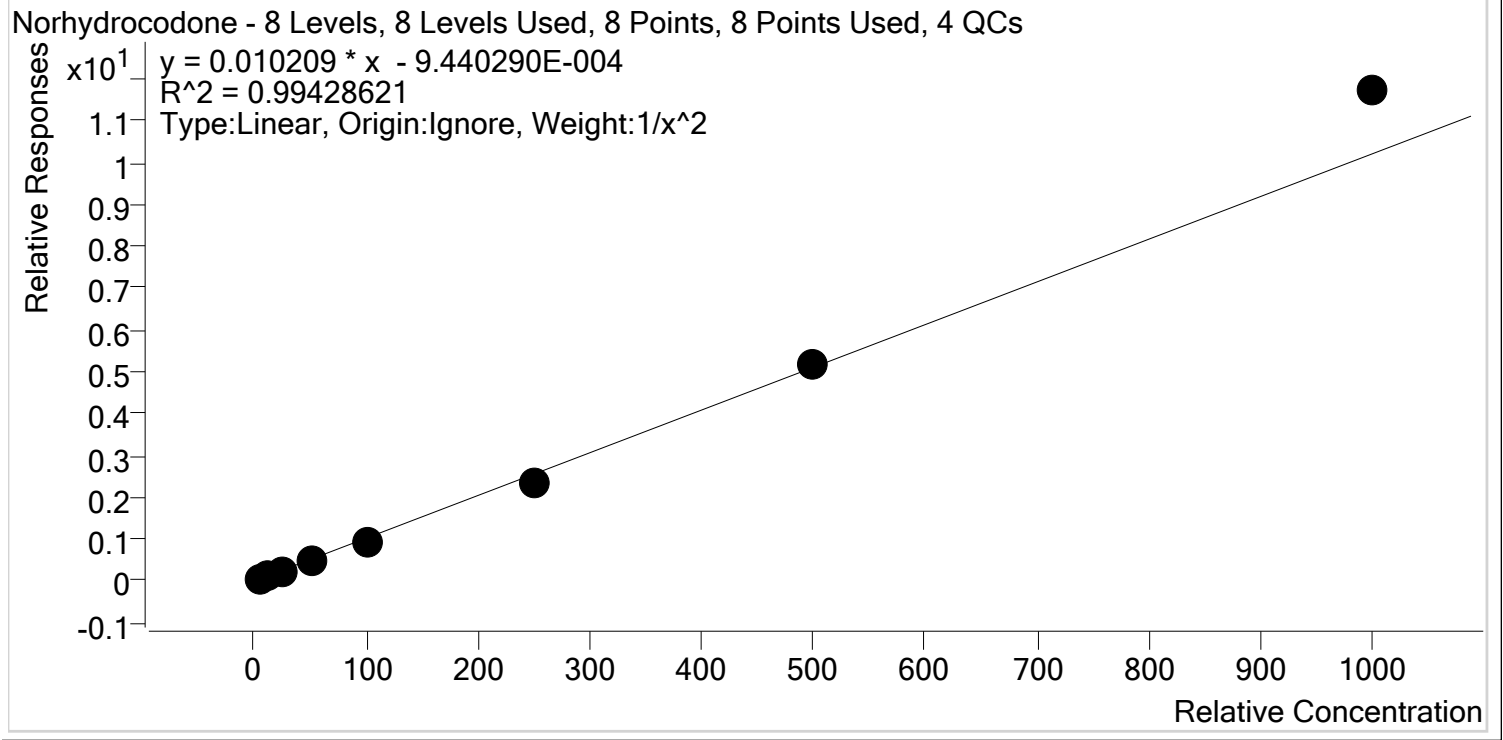
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.9
p1 Cal 2- 10ng	2	✓	1.0	1.0	96.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.5
p1 Cal 4-50ng	4	✓	5.0	4.7	94.2
p1 Cal 5-100ng	5	✓	10.0	9.3	92.8
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	52.1	104.2
p1 Cal 8-1000ng	8	✓	100.0	118.4	118.4

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng	6	✓	250.0	233.5	93.4
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1148.2	114.8

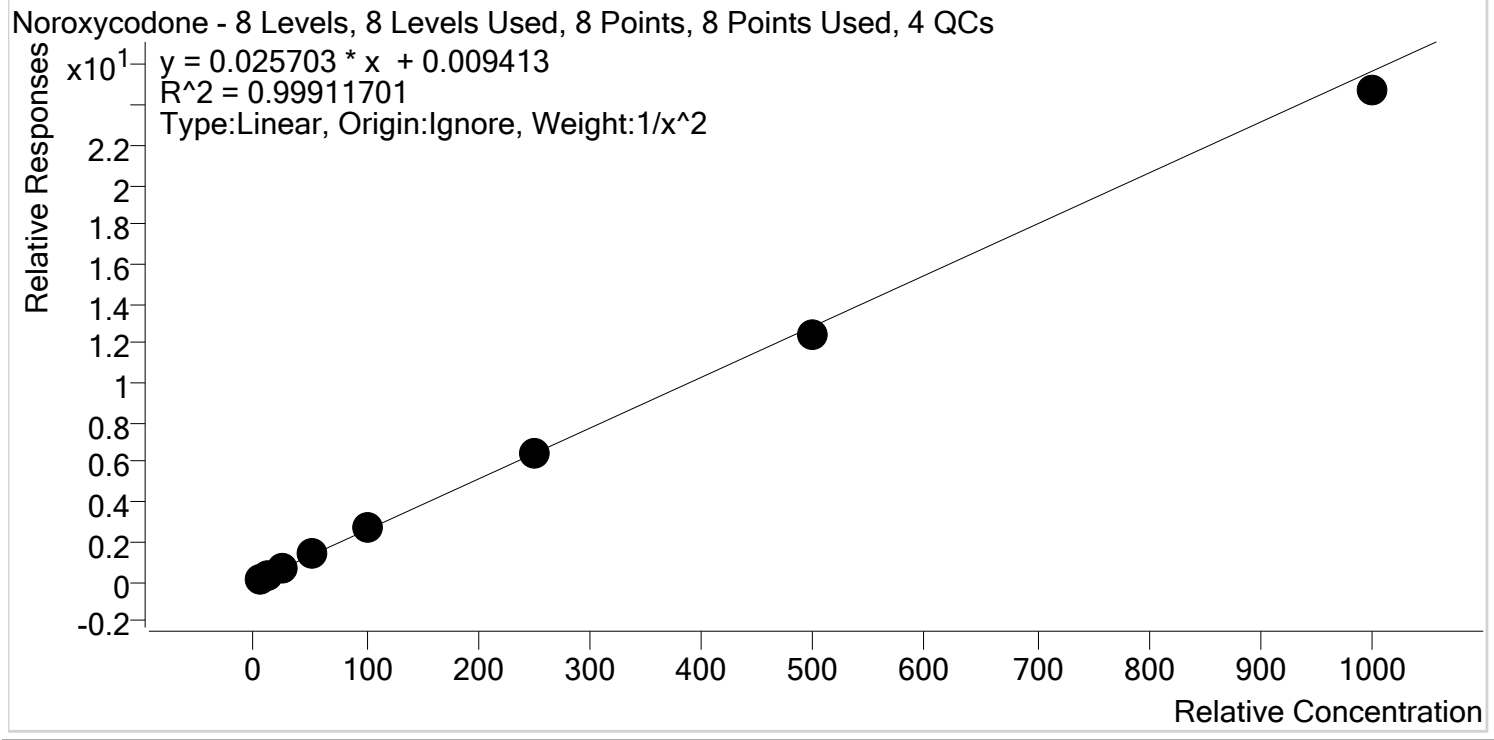


SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	485.2	97.0
p1 Cal 8-1000ng	8	✓	1000.0	961.9	96.2

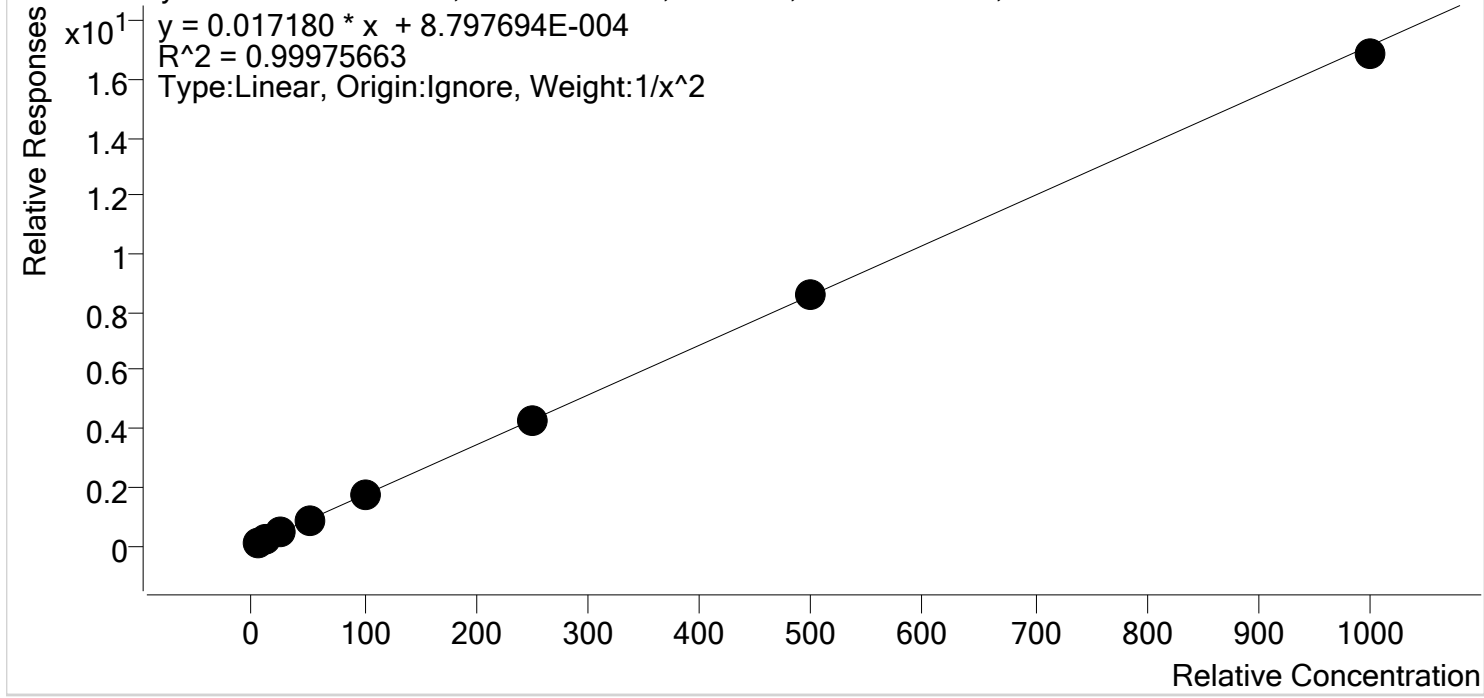
SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



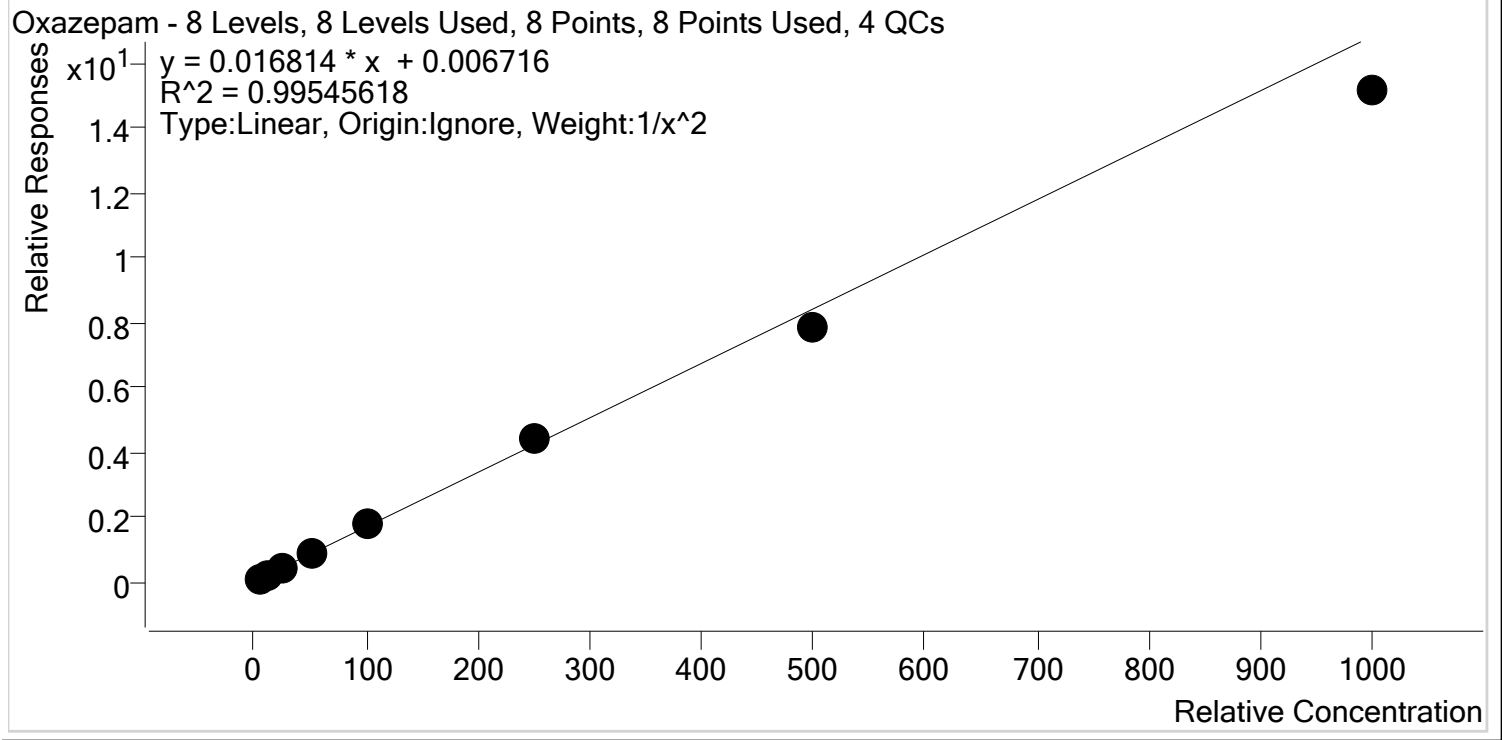
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng	8	✓	1000.0	982.7	98.3

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxazepam **Internal Standard** Oxazepam-D5



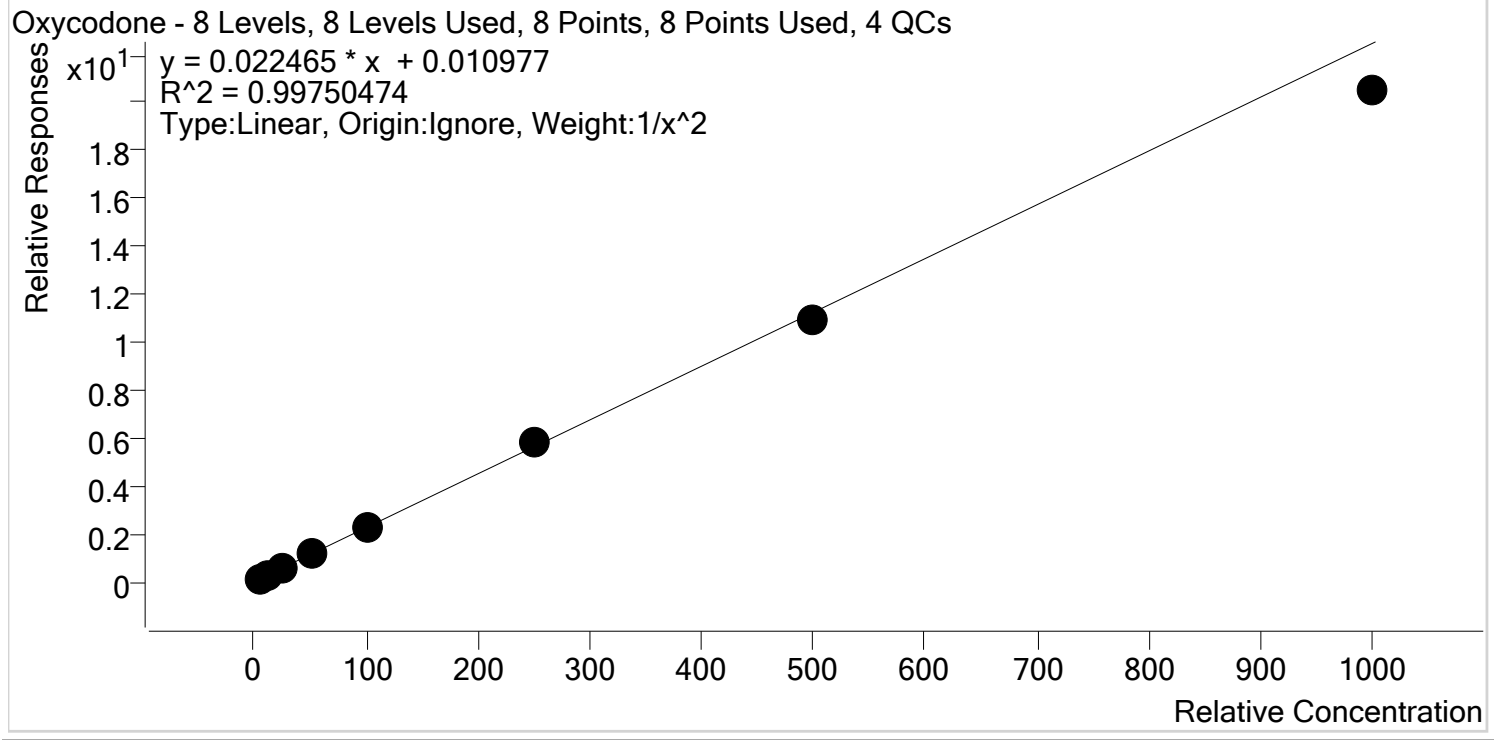
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	464.2	92.8
p1 Cal 8-1000ng	8	✓	1000.0	900.4	90.0

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6



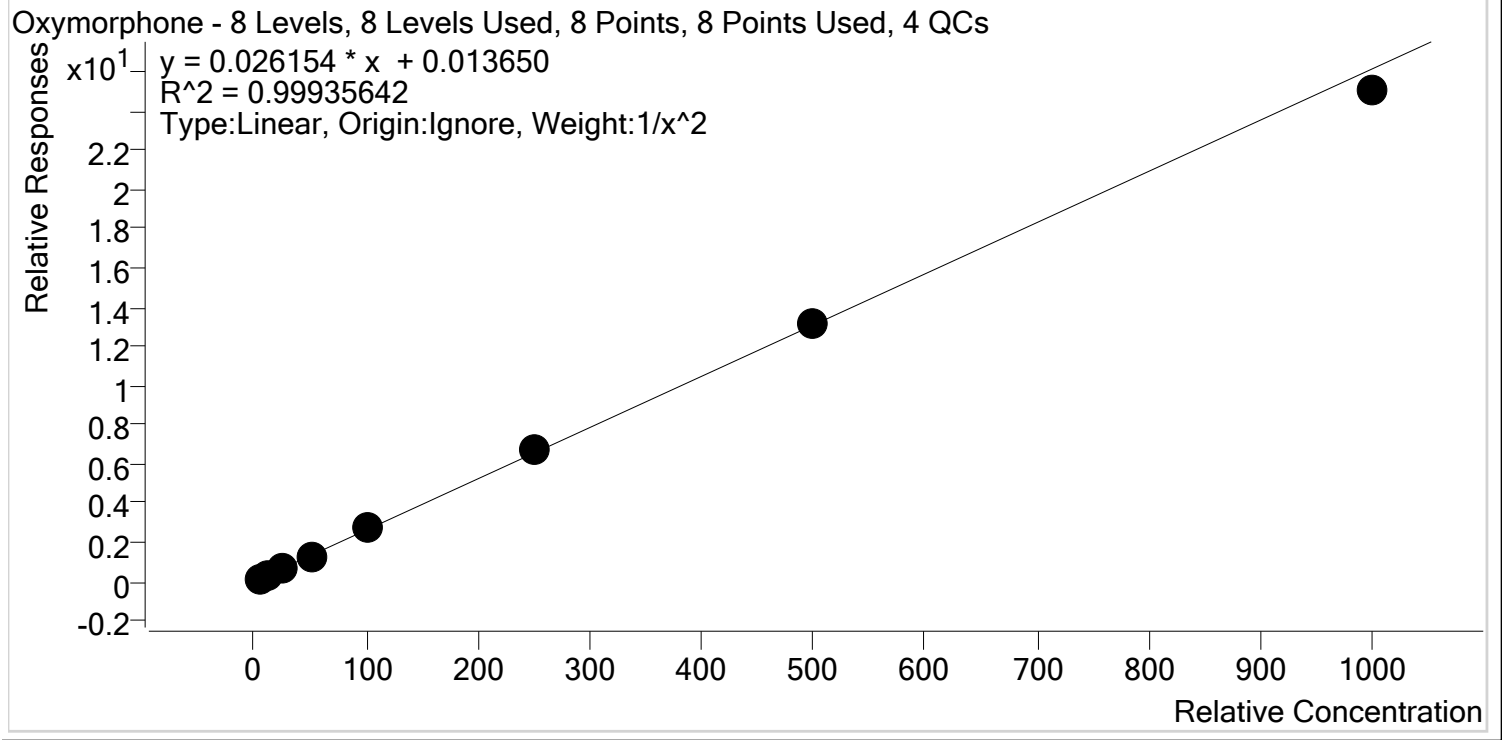
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	487.1	97.4
p1 Cal 8-1000ng	8	✓	1000.0	912.4	91.2

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3



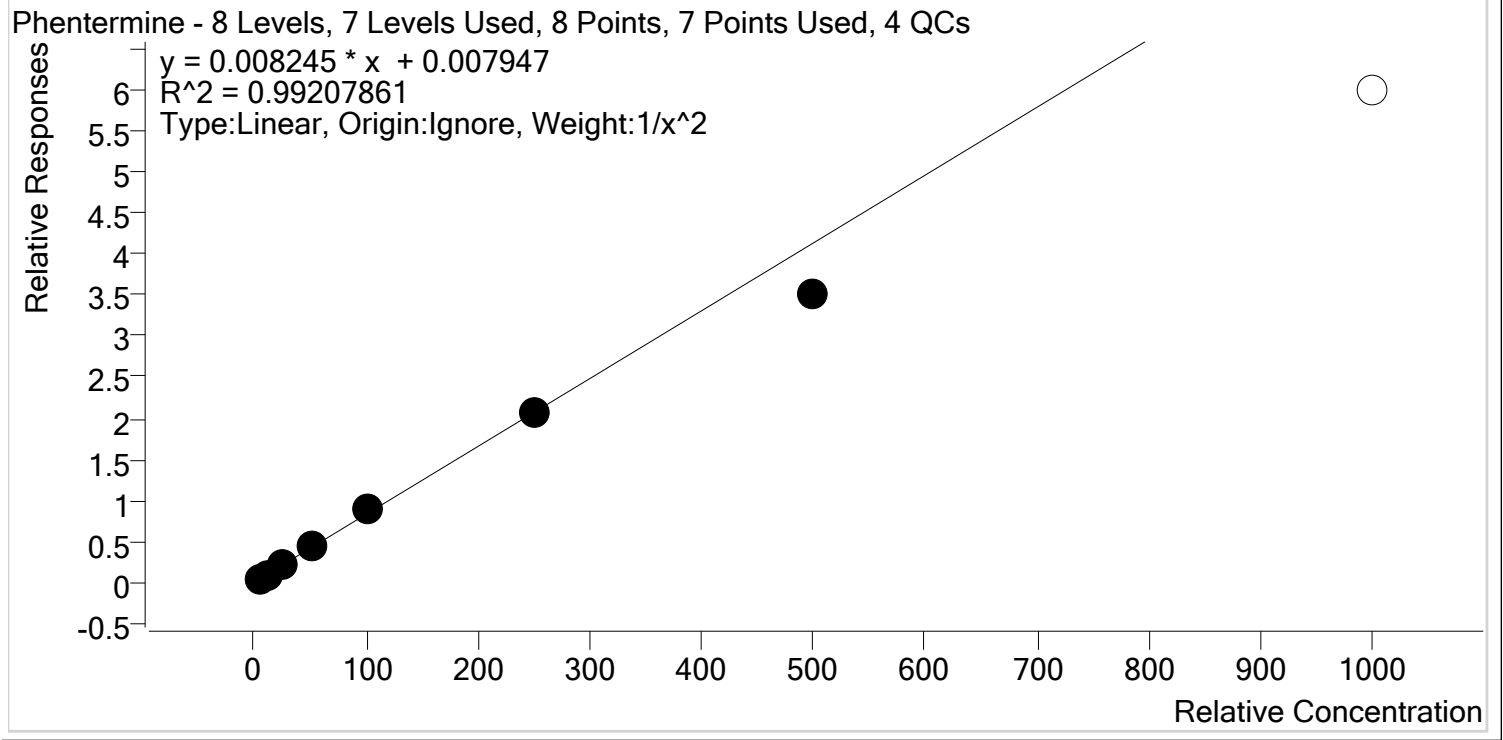
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	500.6	100.1
p1 Cal 8-1000ng	8	✓	1000.0	957.7	95.8

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Phentermine **Internal Standard** Phentermine-D5



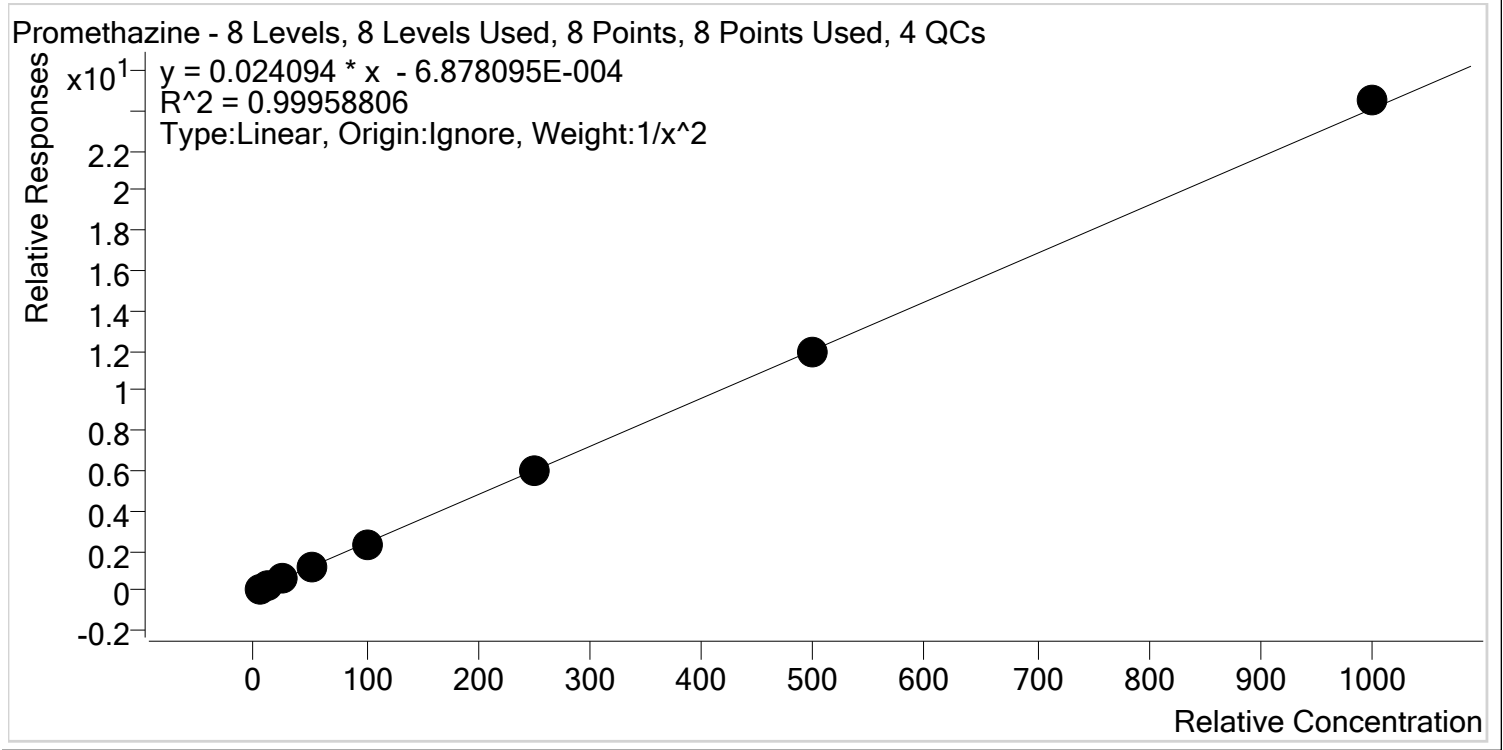
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	54.5	109.1
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	425.5	85.1
p1 Cal 8-1000ng	8	✗	1000.0	724.7	72.5

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Promethazine **Internal Standard** Promethazine-D3



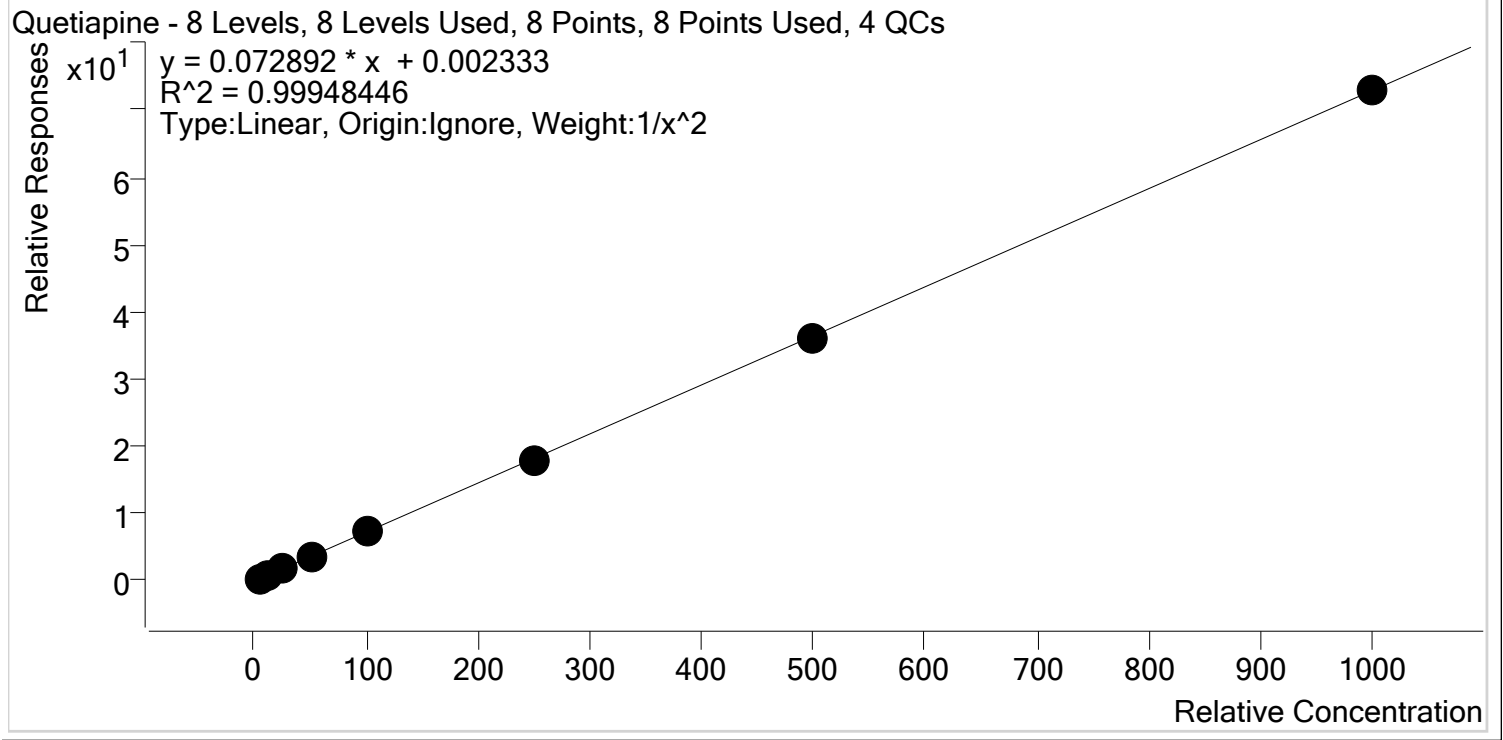
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1017.1	101.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1000.0	100.0

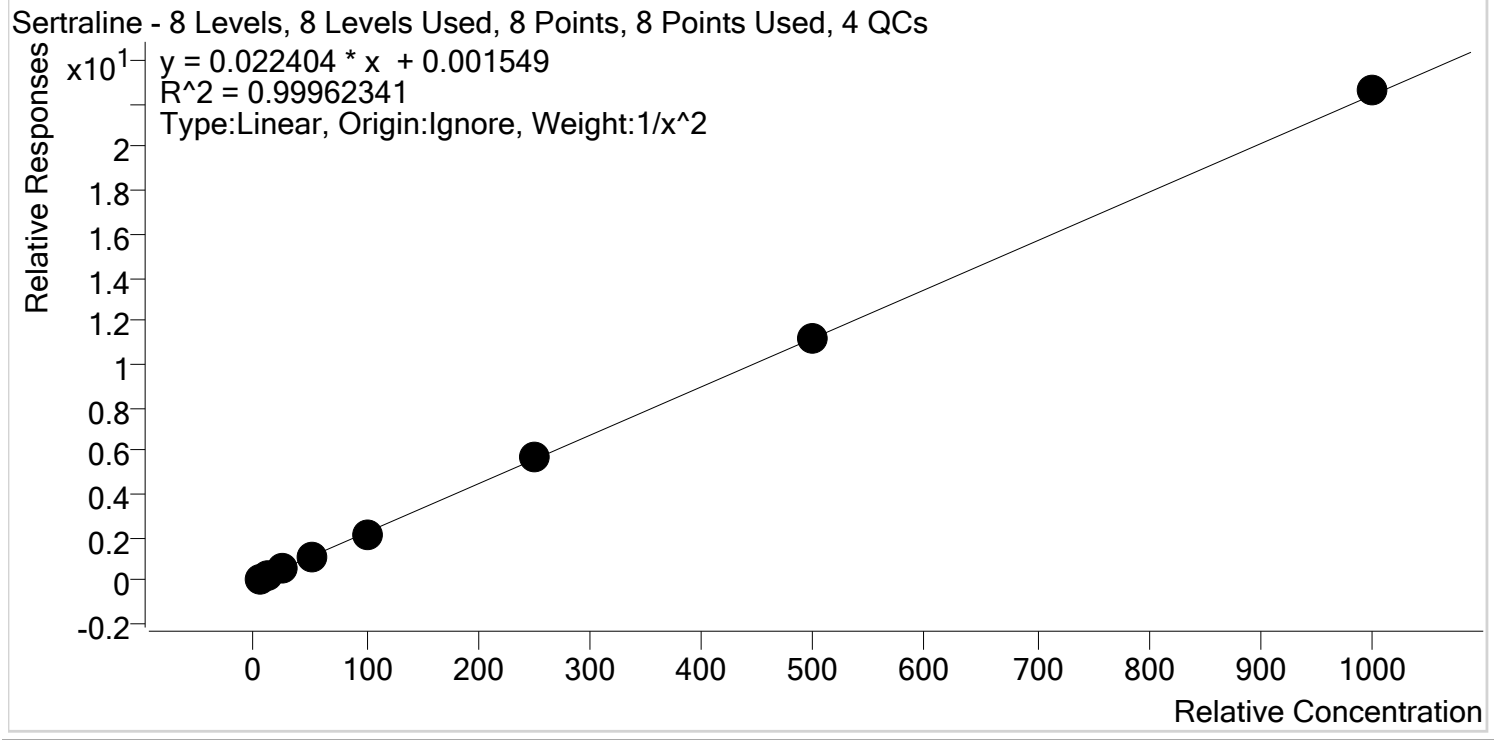


SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Sertraline **Internal Standard** Sertraline-D3



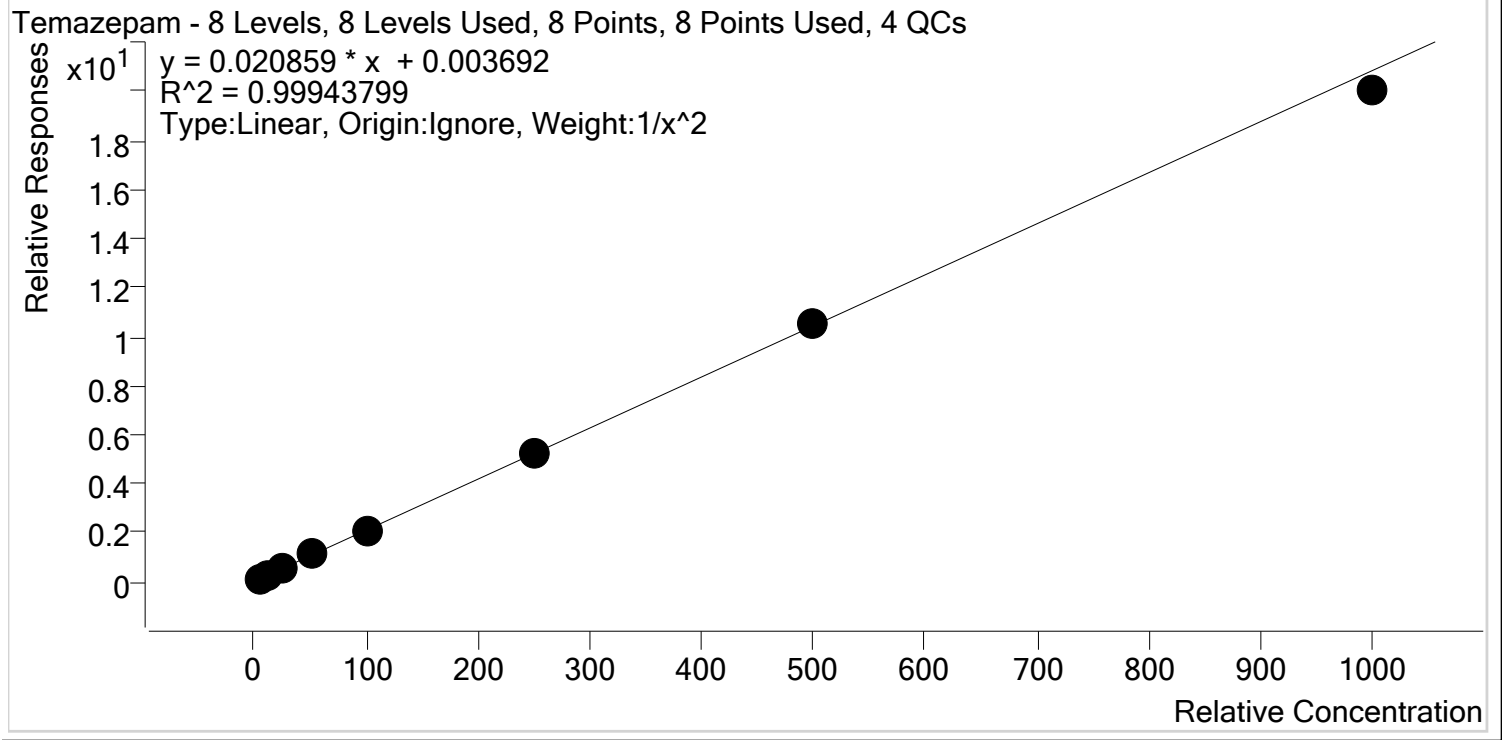
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	502.2	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1009.5	101.0

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



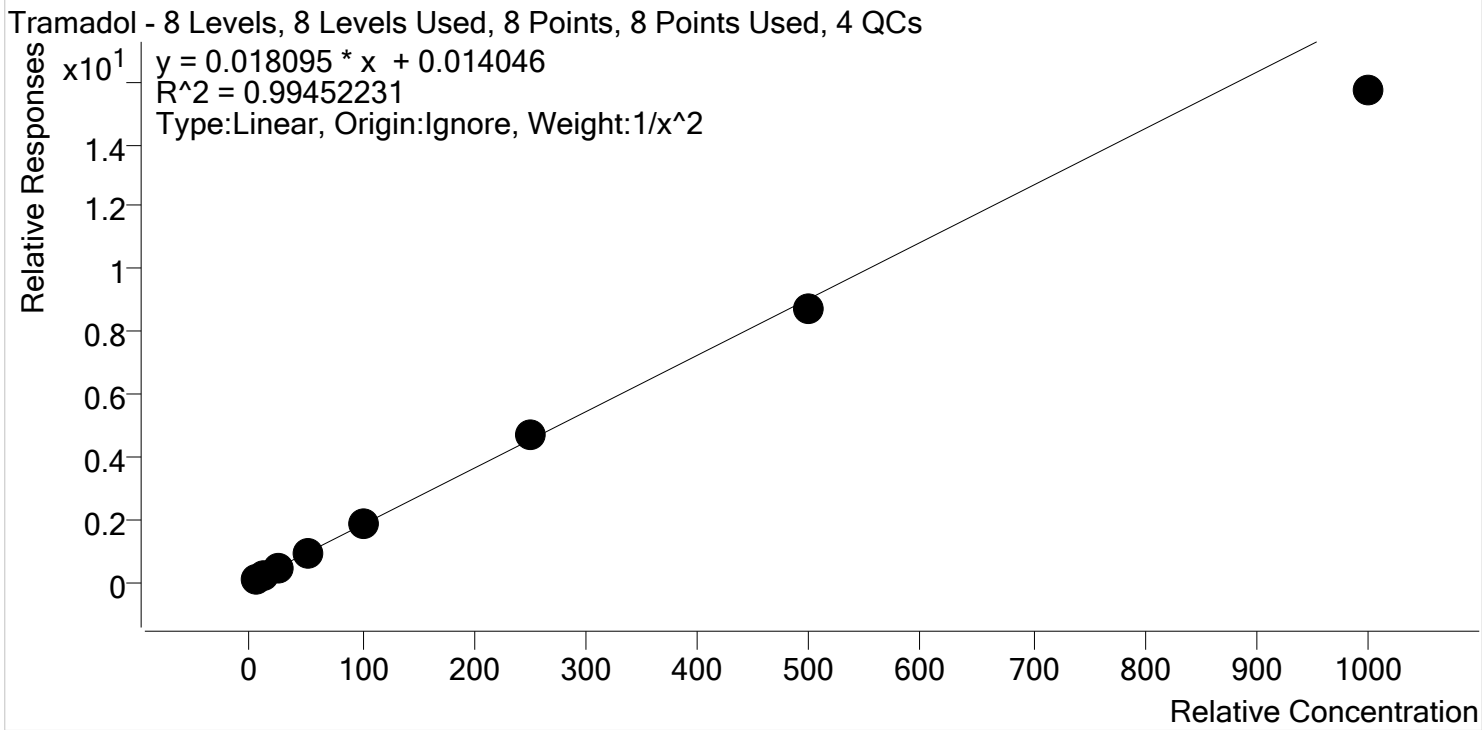
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	960.9	96.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3



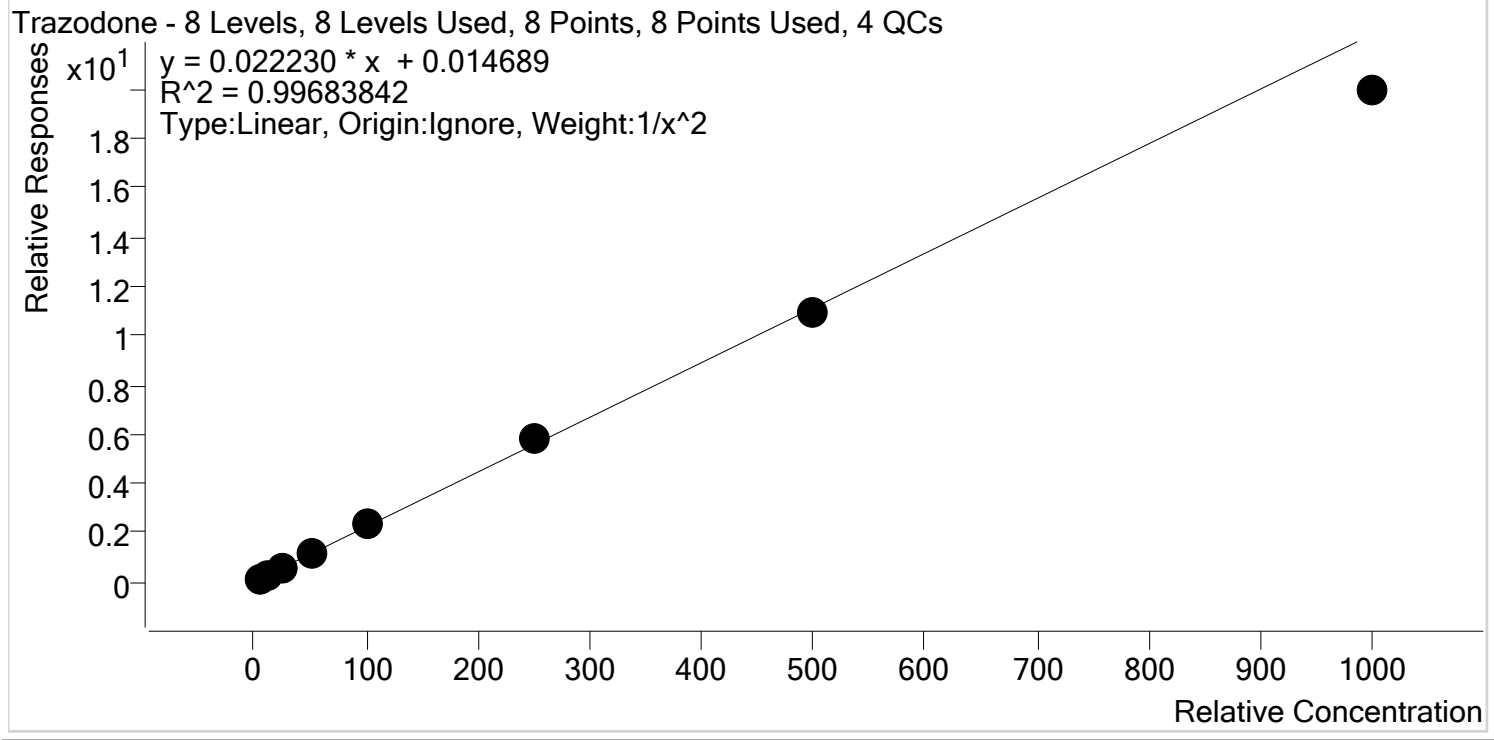
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	479.0	95.8
p1 Cal 8-1000ng	8	✓	1000.0	867.7	86.8

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Trazodone **Internal Standard** Trazodone-D6



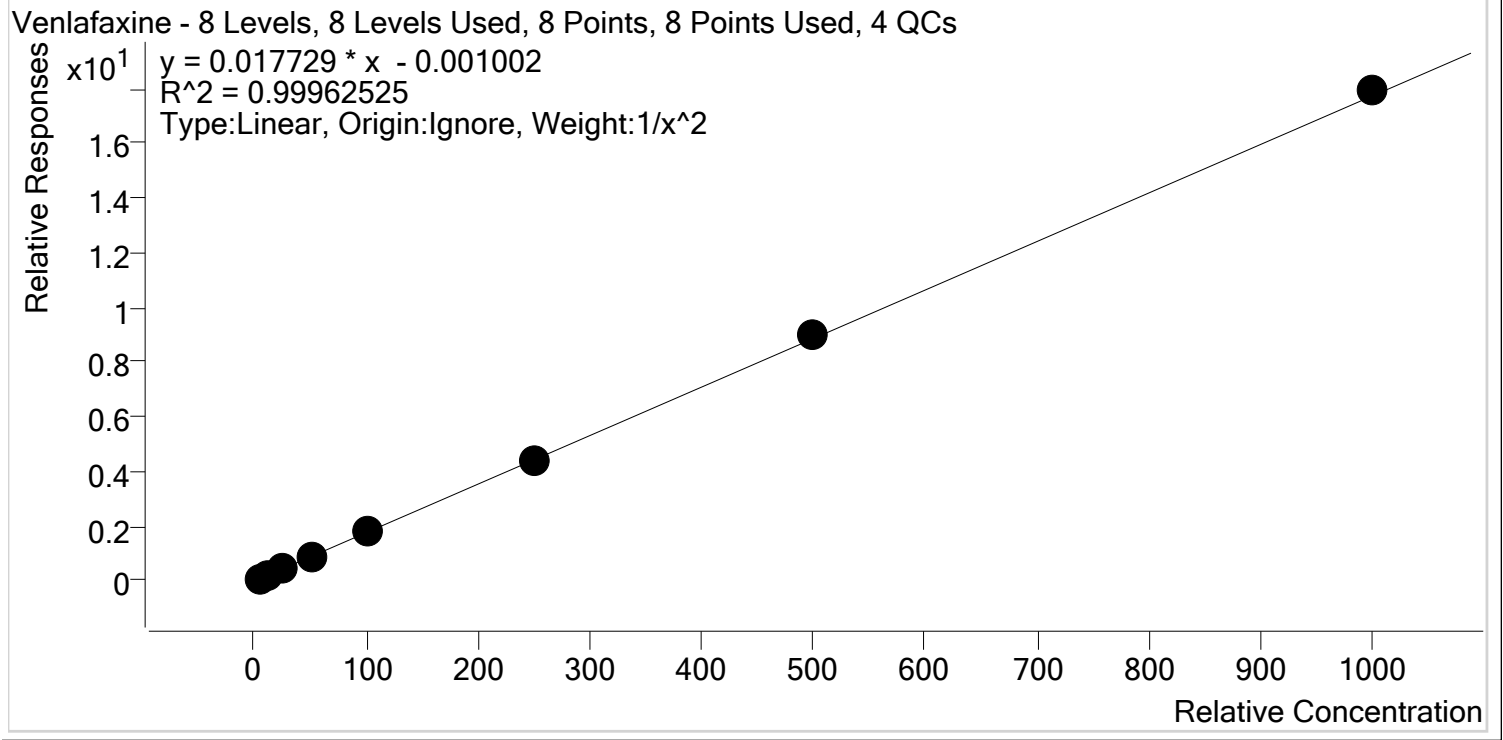
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng	8	✓	1000.0	897.4	89.7

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6



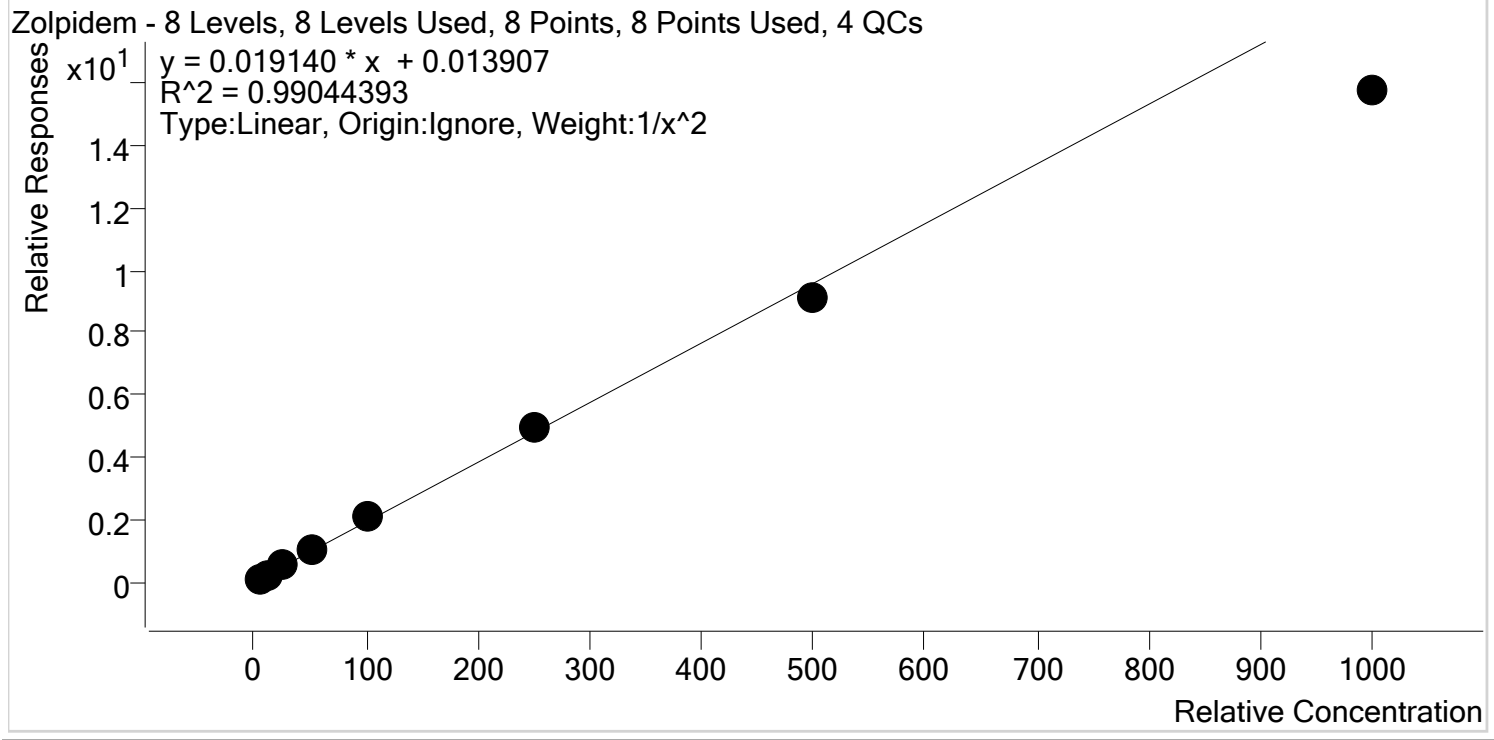
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.2	101.1

SL



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

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 1/8/2021 10:07 AM  
**Analyst Name** ISP\datastor  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	55.2	110.5
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	479.0	95.8
p1 Cal 8-1000ng	8	✓	1000.0	823.1	82.3

SC

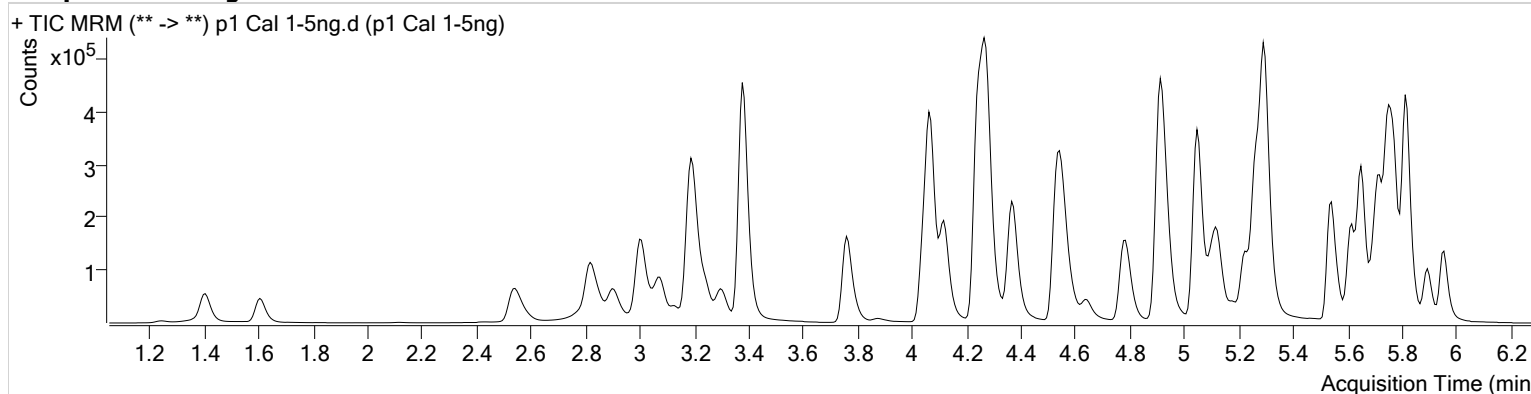


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 1-5ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 1-5ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-H12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 5:57:41 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	1200	131.80	68.0	1287.97	50743	0.5078 ng/ml
7-aminoclonazepam	4.277	25018	7048.47	83.3	∞	188662	4.9987 ng/ml
a-hydroxyalprazolam	5.695	11914	243.48	59.1	217.47	74118	4.8544 ng/ml
alpha-PHP	4.948	12971	1182.39	273.9	7027.24	509718	4.7777 ng/ml
alpha-PVP	4.382	58441	581.53	53.6	3542.63	509718	5.0326 ng/ml
Alprazolam	5.778	38585	2279.68	115.0	1351.22	272547	5.1050 ng/ml
Amphetamine	3.078	108176	2092.60	52.7	887.06	216701	4.8742 ng/ml
Benzoylcegonine	3.905	1963	354.29	8.6	∞	12357	5.6804 ng/ml
Buprenorphine	5.870	779	48.31	11.9	∞	56741	0.5079 ng/ml
Bupropion	4.800	55777	163235.54	63.0	2429.89	374969	4.9621 ng/ml
Carisoprodol	5.727	35779	∞	61.7	123.91	355569	5.0582 ng/ml
Citalopram	5.223	30220	704.74	45.9	∞	273949	5.0597 ng/ml
Clonazepam	5.615	48567	3995.00	34.1	80.04	113300	4.8361 ng/ml
Cocaine	4.269	47970	190.58	51.1	862.76	766420	5.0646 ng/ml
Codeine	2.597	5508	315.94	108.9	642.63	53506	4.9014 ng/ml
Cyclobenzaprine	5.618	24611	22562.19	8.7	247.52	190042	5.1009 ng/ml
Dextromethorphan	5.273	17467	3224.01	77.7	181.64	161754	5.0707 ng/ml
Dextrophan	4.124	15498	516.10	210.0	112651.21	363756	5.0005 ng/ml
Diazepam	5.956	25704	521.24	86.9	783.46	236497	5.0243 ng/ml
Dihydrocodeine	2.569	14426	∞	64.0	1539.85	152858	4.9179 ng/ml
Diphenhydramine	5.300	80198	137.12	32.5	∞	983742	5.0510 ng/ml
Doxylamine	4.554	115023	∞	96.0	∞	967481	5.0430 ng/ml
EDDP	5.265	50774	1050.57	42.7	4898.26	513033	5.0193 ng/ml
Fentanyl	5.114	2589	204.86	70.4	∞	229738	0.5041 ng/ml
Fluoxetine	5.703	25420	808.84	8.0	∞	194417	4.9914 ng/ml
Hydrocodone	3.034	22419	∞	38.0	400.94	248951	4.8204 ng/ml
Hydromorphone	1.614	16671	139.48	77.4	875.31	104576	4.9426 ng/ml
Ketamine	4.058	45073	2600.45	37.4	94.34	406361	4.9327 ng/ml
Lamotrigine	4.293	4515	1067.79	76.8	4025.89	406361	4.9059 ng/ml
Lorazepam	5.750	41212	∞	55.3	320.65	113300	4.7698 ng/ml
MDA	3.218	73113	532.53	23.3	186.58	378563	4.8753 ng/ml
MDMA	3.311	40178	14164.81	80.7	1793.10	82666	4.9480 ng/ml
Meprobamate	4.929	23632	243.71	26.8	1100.65	190545	4.8395 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	58035	8503.73	43.8	2222.71	505960	5.0361 ng/ml
Methamphetamine	3.245	73862	736.98	39.1	219.47	493079	4.8504 ng/ml
Metoprolol	4.332	9610	9874.11	88.4	509.01	982992	4.9663 ng/ml
Mirtazapine	4.643	55423	4536.82	46.9	989.85	509718	5.1408 ng/ml
Mitragynine	5.241	9870	∞	38.4	315.30	505960	4.8792 ng/ml
Morphine	1.253	2590	5071.38	26.9	296.09	6135	5.0655 ng/ml
Nordiazepam	5.903	25116	15302.66	58.8	1242.80	161819	4.9755 ng/ml
Norfentanyl	4.092	8630	∞	32.8	28.84	775382	0.5197 ng/ml
Norhydrocodone	3.075	3446	108.85	42.3	65.24	67936	5.0604 ng/ml
Noroxycodone	2.925	22558	1075.81	42.5	6157.38	165295	4.9432 ng/ml
O-desmethyl-tramadol	3.383	91650	1773.00	7.0	247.46	1051814	5.0205 ng/ml
Oxazepam	5.759	48999	605.82	72.5	148.19	549482	4.9040 ng/ml
Oxycodone	2.850	45317	1143.05	27.5	4942.65	371092	4.9472 ng/ml
Oxymorphone	1.410	21228	398.72	42.6	384.61	146401	5.0221 ng/ml
Phentermine	3.797	20909	519.02	4.5	28.72	432166	4.9042 ng/ml
Promethazine	5.542	46307	116.72	27.8	100.35	381722	5.0633 ng/ml
Quetiapine	5.559	34066	842.28	57.8	27807.22	93248	4.9799 ng/ml
Sertraline	5.778	11368	134.10	104.0	14718.50	100293	4.9905 ng/ml
Temazepam	5.819	79520	790.09	30.5	61.57	742235	4.9593 ng/ml
Tramadol	4.258	100544	6706.97	3.4	46.57	982992	4.8765 ng/ml
Trazodone	5.181	39711	559.15	79.2	∞	316768	4.9786 ng/ml
Venlafaxine	5.048	74750	2911.23	40.6	365.61	841924	5.0645 ng/ml
Zolpidem	4.939	107532	2449.52	31.1	532.72	1000366	4.8897 ng/ml



SC

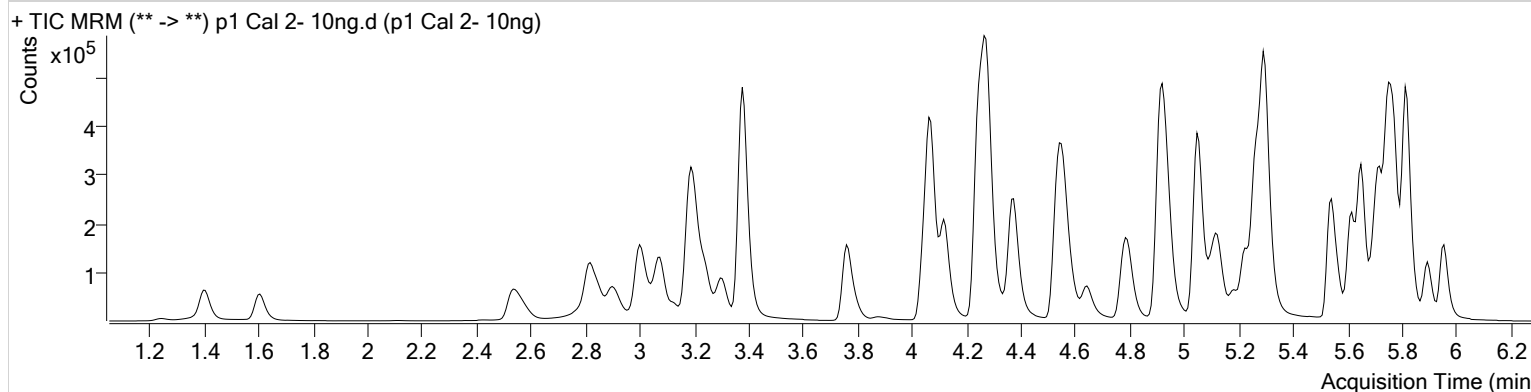


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 2- 10ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 2- 10ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-G12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 6:08:26 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	2134	5359.82	76.7	76.38	49401	0.9669 ng/ml
7-aminoclonazepam	4.277	50780	2612.90	79.5	53641.24	191364	10.0514 ng/ml
a-hydroxyalprazolam	5.695	24084	385.46	54.9	201.70	74988	10.2623 ng/ml
alpha-PHP	4.948	25120	3884.07	270.2	∞	494663	10.3574 ng/ml
alpha-PVP	4.382	111843	736.49	53.1	261.88	494663	9.9203 ng/ml
Alprazolam	5.778	74765	1442.07	114.5	1959.58	273302	9.7634 ng/ml
Amphetamine	3.078	190815	5238.73	53.0	∞	207162	10.1458 ng/ml
Benzoylecgonine	3.905	3624	227.60	8.7	61.37	12482	10.2832 ng/ml
Buprenorphine	5.870	1535	84.23	13.2	∞	54180	0.9860 ng/ml
Bupropion	4.800	107496	688.17	61.0	387.56	358923	10.0724 ng/ml
Carisoprodol	5.727	69049	113305.64	58.0	229.70	362800	9.6866 ng/ml
Citalopram	5.223	56244	2238.70	45.5	47965.11	257735	9.7862 ng/ml
Clonazepam	5.615	95140	7483.49	32.5	∞	112151	10.2764 ng/ml
Cocaine	4.276	89759	6161.75	52.5	∞	740524	9.8518 ng/ml
Codeine	2.590	10795	244.06	102.7	337.57	52941	10.0677 ng/ml
Cyclobenzaprine	5.618	45955	31151.05	8.8	∞	185122	9.7298 ng/ml
Dextromethorphan	5.273	31985	2586.07	81.8	517.95	155068	9.6931 ng/ml
Dextrophan	4.124	29907	1807.84	206.9	1575.38	346231	10.0882 ng/ml
Diazepam	5.956	48906	320.36	88.0	301.32	239194	9.8305 ng/ml
Dihydrocodeine	2.569	27463	14953.73	65.0	2223.90	149717	9.9980 ng/ml
Diphenhydramine	5.300	146556	3323.95	33.9	3258.67	920573	9.8985 ng/ml
Doxylamine	4.561	214127	8422.24	98.2	9934.12	951436	9.7574 ng/ml
EDDP	5.265	100132	3619.59	40.5	1307.02	510441	9.9858 ng/ml
Fentanyl	5.121	4981	155.37	64.3	9808.42	221709	1.0029 ng/ml
Fluoxetine	5.703	49839	3727.68	8.0	29449.54	191005	10.1065 ng/ml
Hydrocodone	3.027	42965	∞	37.5	184.15	243866	10.1661 ng/ml
Hydromorphone	1.614	32888	307.67	75.6	684.06	103986	9.9880 ng/ml
Ketamine	4.065	84944	15045.51	38.0	392.25	394586	10.0859 ng/ml
Lamotrigine	4.293	8321	1129.99	80.6	46235.56	394586	10.1158 ng/ml
Lorazepam	5.750	81470	∞	56.1	585.26	112151	10.4907 ng/ml
MDA	3.211	138448	3933.85	23.0	695.05	370257	10.1885 ng/ml
MDMA	3.304	77803	301127.41	78.4	∞	79707	10.1121 ng/ml
Meprobamate	4.929	45124	36664.84	25.8	1183.94	192478	10.2837 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	106788	690.98	44.7	1826.94	473707	9.9535 ng/ml
Methamphetamine	3.245	129266	3030.72	39.6	215.21	475422	10.2463 ng/ml
Metoprolol	4.338	18131	78688.74	87.9	489.66	950036	10.1529 ng/ml
Mirtazapine	4.642	101995	1598.11	47.6	69386.61	494663	9.7610 ng/ml
Mitragynine	5.248	18057	3993.44	37.8	20792.71	473707	9.9642 ng/ml
Morphine	1.246	4807	271.00	28.1	547.10	6265	9.5142 ng/ml
Norbuprenorphine	4.997	216	26.54	76.9	116.21	8491	1.0403 ng/ml
Nordiazepam	5.903	48951	3406.49	57.4	836.23	161968	9.9967 ng/ml
Norfentanyl	4.092	17047	140.30	32.9	172.11	781066	0.9686 ng/ml
Norhydrocodone	3.075	6595	184.62	41.7	∞	65436	9.9639 ng/ml
Noroxycodone	2.918	44637	920.81	42.2	283.84	166050	10.0923 ng/ml
O-desmethyl-tramadol	3.383	176226	1051.35	7.2	1520.36	1025655	9.9496 ng/ml
Oxazepam	5.753	95830	∞	72.8	∞	543293	10.0910 ng/ml
Oxycodone	2.843	88101	2640.25	26.5	1509.01	371733	10.0611 ng/ml
Oxymorphone	1.403	39939	4520.58	43.6	896.50	146578	9.8960 ng/ml
Phentermine	3.797	37460	265.97	4.3	84.38	410086	10.1156 ng/ml
Promethazine	5.542	87887	553.14	27.7	292.21	374621	9.7654 ng/ml
Quetiapine	5.559	65759	564.89	56.4	33891.68	88661	10.1431 ng/ml
Sertraline	5.778	23394	226.93	94.6	∞	102517	10.1163 ng/ml
Temazepam	5.819	159680	6705.22	29.5	166.05	741678	10.1447 ng/ml
Tramadol	4.258	189975	17981.33	3.7	135.30	950036	10.2748 ng/ml
Trazodone	5.181	72954	106226.66	81.2	3032.42	310590	9.9056 ng/ml
Venlafaxine	5.054	139249	5850.96	41.1	537.43	802633	9.8422 ng/ml
Zolpidem	4.939	206608	11210.85	31.5	4220.97	1001337	10.0538 ng/ml

SC

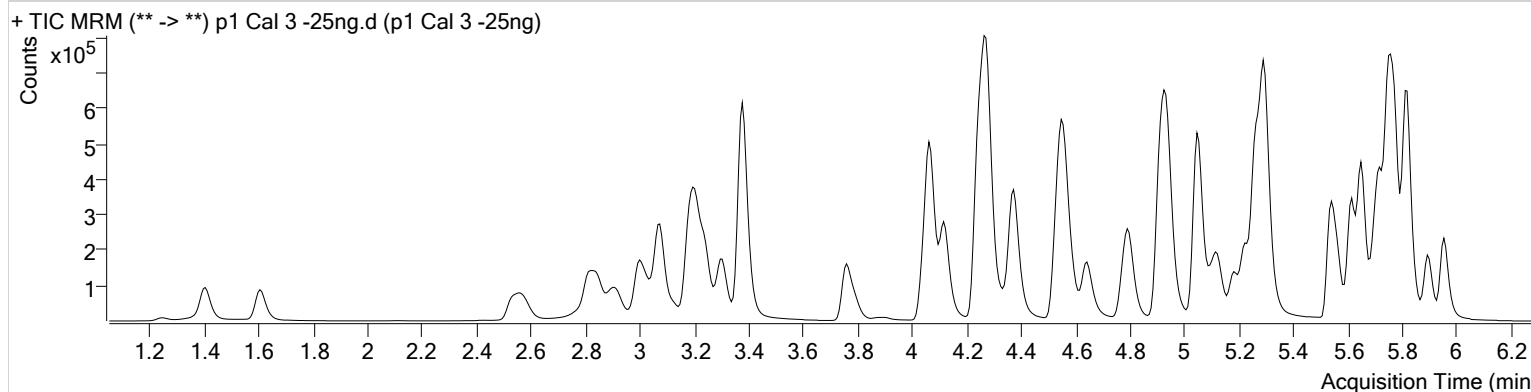


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 3 -25ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 3 -25ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-F12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 6:19:02 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	5750	9882.46	68.6	∞	52310	2.5339 ng/ml
7-aminoclonazepam	4.277	126695	10914.79	82.9	46138.35	198929	24.1925 ng/ml
a-hydroxyalprazolam	5.695	59792	394.01	58.7	217.36	75501	26.1300 ng/ml
alpha-PHP	4.948	65660	6792.01	265.2	1320.43	533242	26.2923 ng/ml
alpha-PVP	4.382	294594	6425.68	53.3	9529.36	533242	24.2335 ng/ml
Alprazolam	5.778	191102	772.78	114.2	649.86	282589	23.9756 ng/ml
Amphetamine	3.078	448056	∞	52.2	4627.21	204714	25.9844 ng/ml
Benzoylcegonine	3.905	8590	37317.32	8.3	14.35	12933	23.3661 ng/ml
Buprenorphine	5.870	4428	188.97	14.3	2314.67	59787	2.4818 ng/ml
Bupropion	4.800	273830	15444.86	60.8	256.29	370223	24.9934 ng/ml
Carisoprodol	5.727	178624	499.60	54.1	1151.68	365492	25.0844 ng/ml
Citalopram	5.223	147014	888.08	44.1	4948.91	264542	24.5684 ng/ml
Clonazepam	5.615	239138	21743.50	33.3	12403.89	115837	26.0420 ng/ml
Cocaine	4.276	228955	24225.59	52.4	48156.43	771807	24.1787 ng/ml
Codeine	2.590	28210	1624.27	100.8	66510.74	54948	25.9049 ng/ml
Cyclobenzaprine	5.618	112499	∞	9.1	∞	181280	24.2456 ng/ml
Dextromethorphan	5.273	82357	23927.94	78.7	2044.23	155893	24.8389 ng/ml
Dextrorphan	4.124	77191	58625.80	205.9	1092.66	370106	24.2896 ng/ml
Diazepam	5.956	128332	1040.17	87.1	9464.69	255114	24.8136 ng/ml
Dihydrocodeine	2.569	72928	873.35	62.1	4208.50	156973	26.0347 ng/ml
Diphenhydramine	5.300	371022	1207.93	33.7	703.44	945289	24.4574 ng/ml
Doxylamine	4.554	562036	50460.27	97.4	36531.77	996842	24.8000 ng/ml
EDDP	5.265	274200	373.56	42.2	321.71	571479	24.4787 ng/ml
Fentanyl	5.114	11913	1392.15	67.6	9428.50	224251	2.3681 ng/ml
Fluoxetine	5.703	114601	4429.11	8.8	∞	184779	24.2237 ng/ml
Hydrocodone	3.027	113017	∞	37.7	138.09	254936	26.7459 ng/ml
Hydromorphone	1.614	85391	∞	74.8	3040.03	105686	25.8032 ng/ml
Ketamine	4.065	214974	29425.34	38.8	1514.81	412850	25.1683 ng/ml
Lamotrigine	4.293	21094	9830.12	81.4	22037.80	412850	25.7846 ng/ml
Lorazepam	5.750	203465	2054.17	60.1	∞	115837	26.7383 ng/ml
MDA	3.211	346259	7686.84	23.8	1852.42	381009	25.9075 ng/ml
MDMA	3.304	198886	28556.90	79.3	4039.84	83123	25.0388 ng/ml
Meprobamate	4.929	110689	19453.13	26.7	∞	195640	26.6219 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	266304	13307.12	45.8	523.59	483524	24.4011 ng/ml
Methamphetamine	3.245	288371	2604.17	39.2	554.43	462683	25.7737 ng/ml
Metoprolol	4.332	45461	116512.93	91.4	2888.83	1017688	24.4094 ng/ml
Mirtazapine	4.642	262597	46365.11	47.6	36018.94	533242	23.3320 ng/ml
Mitragynine	5.248	48786	14427.01	38.8	23310.61	483524	27.1172 ng/ml
Morphine	1.253	13027	1278.54	27.1	4389.07	6383	25.9332 ng/ml
Norbuprenorphine	4.997	463	443.31	91.8	509.88	9331	2.2415 ng/ml
Nordiazepam	5.903	126676	3354.50	60.2	992.43	172339	24.7793 ng/ml
Norfentanyl	4.092	43111	7509.24	34.3	360.60	800989	2.3114 ng/ml
Norhydrocodone	3.075	16168	83.40	42.2	76.17	65308	24.3407 ng/ml
Noroxycodone	2.918	112985	1480.82	41.7	1383.52	171338	25.2891 ng/ml
O-desmethyl-tramadol	3.383	452770	1095.13	7.0	5388.57	1073880	24.4895 ng/ml
Oxazepam	5.753	246459	∞	71.9	∞	558428	25.8489 ng/ml
Oxycodone	2.843	226323	1723.65	27.4	1432.59	393942	25.0848 ng/ml
Oxymorphone	1.403	101965	5182.27	43.5	946.01	153827	24.8220 ng/ml
Phentermine	3.797	90719	∞	4.2	80.12	417475	25.3927 ng/ml
Promethazine	5.542	223536	1975.30	27.8	36636.05	377488	24.6056 ng/ml
Quetiapine	5.559	164495	∞	60.0	∞	91759	24.5614 ng/ml
Sertraline	5.778	54002	4224.05	101.1	98016.57	97258	24.7145 ng/ml
Temazepam	5.819	410448	13165.96	29.8	1076.01	788984	24.7634 ng/ml
Tramadol	4.258	481397	37120.84	3.7	∞	1017688	25.3656 ng/ml
Trazodone	5.181	184291	80352.05	80.2	∞	320189	25.2309 ng/ml
Venlafaxine	5.048	367292	24995.86	40.7	∞	856636	24.2407 ng/ml
Zolpidem	4.939	539854	∞	31.0	1472.14	1063772	25.7886 ng/ml

SC

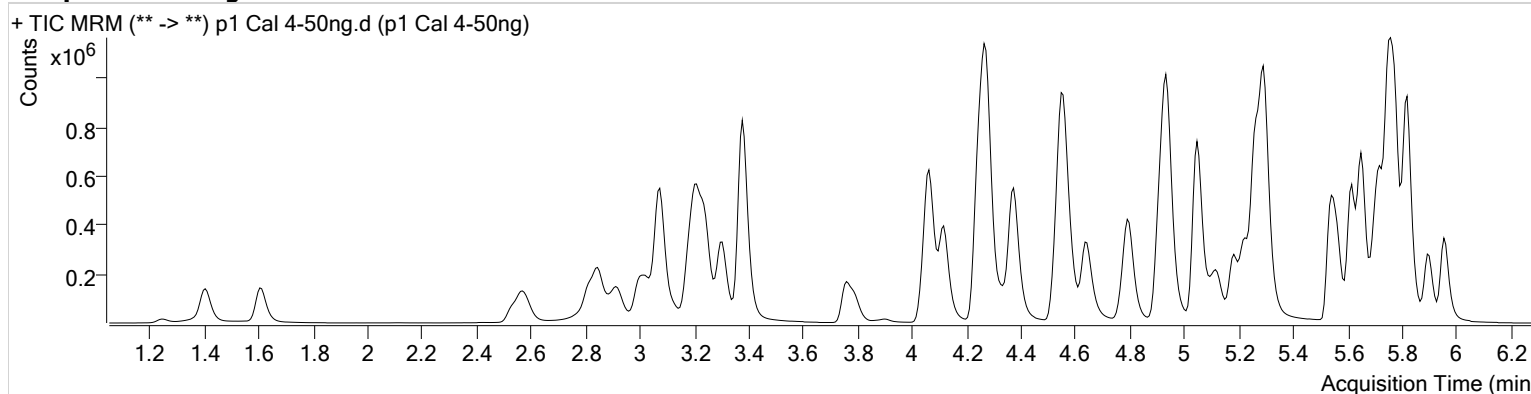


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 4-50ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 4-50ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-E12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 6:29:38 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	11667	323.00	70.5	1331.32	54592	4.9712 ng/ml
7-aminoclonazepam	4.277	259130	13824.33	81.0	22585.43	190573	51.7059 ng/ml
a-hydroxyalprazolam	5.695	120129	773.17	61.6	1342.19	76118	52.6329 ng/ml
alpha-PHP	4.942	136801	3927.99	260.4	39900.83	522752	56.8083 ng/ml
alpha-PVP	4.375	612177	22235.54	52.8	9279.17	522752	51.3639 ng/ml
Alprazolam	5.778	383986	533.06	114.7	2591.09	275300	49.3351 ng/ml
Amphetamine	3.078	938848	40220.83	53.2	10900.06	208323	54.9477 ng/ml
Benzoylcegonine	3.898	18028	4056.49	8.0	352.57	13006	48.6326 ng/ml
Buprenorphine	5.870	8757	380.51	15.4	4343.24	61108	4.7473 ng/ml
Bupropion	4.800	563759	94232.98	60.3	8249.56	369409	51.6554 ng/ml
Carisoprodol	5.727	355797	33641.42	54.6	530.85	359163	50.9832 ng/ml
Citalopram	5.223	312275	4307.07	44.5	4509.58	268087	51.2459 ng/ml
Clonazepam	5.615	488421	1365.89	33.4	683.85	114804	54.4326 ng/ml
Cocaine	4.269	474843	59387.05	51.4	516555.97	766922	50.5155 ng/ml
Codeine	2.590	58574	810.96	100.2	2302.93	55725	53.4213 ng/ml
Cyclobenzaprine	5.618	245469	826.93	9.1	∞	195173	49.0833 ng/ml
Dextromethorphan	5.273	172485	376.16	80.6	17984.84	157985	51.3418 ng/ml
Dextrorphan	4.117	162364	4145.12	207.5	12040.27	374332	50.4609 ng/ml
Diazepam	5.963	260796	592.89	88.0	5995.31	248814	52.1688 ng/ml
Dihydrocodeine	2.569	152613	3401.75	63.2	1840.59	159679	54.0499 ng/ml
Diphenhydramine	5.300	780116	32816.88	34.0	6107.22	986074	49.3345 ng/ml
Doxylamine	4.554	1176000	∞	97.8	76895.94	1007435	51.5986 ng/ml
EDDP	5.265	581724	34673.31	42.6	523.80	585683	50.7133 ng/ml
Fentanyl	5.114	25975	134.91	68.9	716789.31	229702	5.0384 ng/ml
Fluoxetine	5.703	259267	20621.17	8.9	61173.72	197890	51.3344 ng/ml
Hydrocodone	3.027	235981	∞	37.3	∞	255580	56.5375 ng/ml
Hydromorphone	1.614	178159	1969.99	75.0	289.76	108501	52.6302 ng/ml
Ketamine	4.058	447430	31560.33	38.1	1269.20	412933	52.9611 ng/ml
Lamotrigine	4.286	43441	9163.25	78.7	27156.12	412933	54.0393 ng/ml
Lorazepam	5.750	411654	1362.70	56.3	1235.91	114804	55.5921 ng/ml
MDA	3.211	711962	15225.16	23.7	500.93	381011	54.1150 ng/ml
MDMA	3.304	414538	∞	80.0	18040.48	84154	51.7326 ng/ml
Meprobamate	4.929	221320	996.19	26.2	9353.21	198403	53.7287 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	577031	15789.89	45.9	22707.53	514942	49.7066 ng/ml
Methamphetamine	3.245	626512	930.79	39.8	1500.76	489597	54.7809 ng/ml
Metoprolol	4.332	96155	161287.69	90.3	∞	1028042	51.6346 ng/ml
Mirtazapine	4.643	547589	23059.81	47.8	13819.90	522752	49.6459 ng/ml
Mitragynine	5.241	102230	7397.09	39.3	74722.30	514942	53.7926 ng/ml
Morphine	1.253	27236	1543.33	26.1	276.65	6781	51.4032 ng/ml
Norbuprenorphine	4.997	1012	5156.93	96.0	5913.03	9486	5.0681 ng/ml
Nordiazepam	5.903	261327	7871.98	58.6	949.02	167399	52.9932 ng/ml
Norfentanyl	4.092	90100	22614.42	34.5	341.47	811750	4.7108 ng/ml
Norhydrocodone	3.075	32806	273.94	42.5	251.61	65605	49.0714 ng/ml
Noroxycodone	2.918	236042	4343.26	42.9	1164.03	175611	51.9274 ng/ml
O-desmethyl-tramadol	3.377	956147	1344.83	7.1	15833.26	1090346	50.9905 ng/ml
Oxazepam	5.753	486355	∞	74.3	∞	542984	52.8714 ng/ml
Oxycodone	2.843	475264	3214.24	27.5	1847.74	398748	52.5668 ng/ml
Oxymorphone	1.403	206500	∞	43.0	540.91	155668	50.1976 ng/ml
Phentermine	3.797	195918	2947.33	4.3	331.56	428214	54.5286 ng/ml
Promethazine	5.542	501249	568.33	27.5	4893.47	405044	51.3900 ng/ml
Quetiapine	5.559	347066	525.11	57.8	12860.48	96553	49.2811 ng/ml
Sertraline	5.778	117972	357.51	103.1	313.21	105906	49.6521 ng/ml
Temazepam	5.819	842617	25448.78	29.9	694.10	782453	51.4510 ng/ml
Tramadol	4.251	996444	61385.74	3.7	670.29	1028042	52.7899 ng/ml
Trazodone	5.181	393968	∞	80.4	1419.31	332801	52.5917 ng/ml
Venlafaxine	5.048	764285	895.46	40.3	482.81	852934	50.5991 ng/ml
Zolpidem	4.932	1118450	14532.92	30.5	87577.37	1044310	55.2303 ng/ml

SC

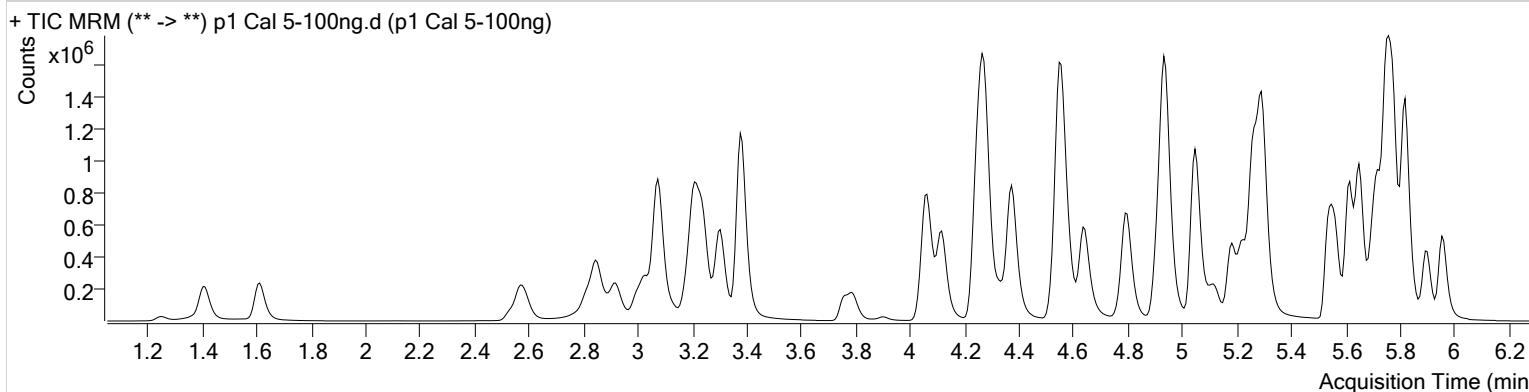


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 5-100ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 5-100ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-D12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 6:40:13 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	22017	9169.67	71.6	29651.56	52976	9.7122 ng/ml
7-aminoclonazepam	4.277	464450	∞	81.4	10117.77	172437	102.4697 ng/ml
a-hydroxyalprazolam	5.695	224346	919.18	59.8	2178.75	72020	104.4360 ng/ml
alpha-PHP	4.942	241862	12343.81	263.8	122186.84	482951	109.4694 ng/ml
alpha-PVP	4.375	1126034	50919.48	53.1	1771.40	482951	102.2605 ng/ml
Alprazolam	5.778	719606	3228.12	114.1	12161.68	255347	99.5703 ng/ml
Amphetamine	3.078	1541160	43525.53	53.1	∞	182023	104.4293 ng/ml
Benzoylecgonine	3.898	34366	162.35	8.5	2161.94	12328	97.6841 ng/ml
Buprenorphine	5.870	15496	139.39	15.2	2608.46	53755	9.4904 ng/ml
Bupropion	4.800	1013259	24349.02	59.9	13446.88	337010	101.8455 ng/ml
Carisoprodol	5.727	677900	1666596.84	53.1	7339.80	339916	102.7745 ng/ml
Citalopram	5.223	537729	871.38	44.4	33355.84	238411	99.0144 ng/ml
Clonazepam	5.615	897790	56420.22	33.6	1381.59	110027	105.0609 ng/ml
Cocaine	4.269	864943	38194.67	52.8	180827.19	709747	99.4735 ng/ml
Codeine	2.590	109639	907.86	100.5	7173.55	52496	106.5055 ng/ml
Cyclobenzaprine	5.618	418577	405.79	9.1	∞	160349	101.8190 ng/ml
Dextromethorphan	5.273	290459	43649.72	79.6	405.01	137769	99.1519 ng/ml
Dextrophan	4.117	296980	119916.56	208.9	43341.04	344408	100.2695 ng/ml
Diazepam	5.956	480544	641.50	88.0	711.66	236353	101.5982 ng/ml
Dihydrocodeine	2.569	286376	1743.21	63.5	11839.77	157397	103.3141 ng/ml
Diphenhydramine	5.300	1385205	1260.58	33.3	2878.93	863147	100.1137 ng/ml
Doxylamine	4.554	2235336	∞	97.6	89510.74	955118	103.6882 ng/ml
EDDP	5.265	1048805	40100.99	42.4	564.87	540379	99.1338 ng/ml
Fentanyl	5.114	45677	5143.73	68.5	∞	204337	9.9573 ng/ml
Fluoxetine	5.703	416135	∞	9.2	6752.98	164020	99.5455 ng/ml
Hydrocodone	3.027	427463	∞	37.1	146.39	252073	104.4822 ng/ml
Hydromorphone	1.614	333740	∞	74.7	1443.10	105139	101.9167 ng/ml
Ketamine	4.058	827581	36092.49	38.6	496.44	389777	104.3003 ng/ml
Lamotrigine	4.286	77244	5941.51	81.6	47955.84	389777	102.5895 ng/ml
Lorazepam	5.750	706457	∞	58.6	3352.38	110027	100.3107 ng/ml
MDA	3.211	1262307	26574.80	23.6	7230.17	355215	103.6353 ng/ml
MDMA	3.304	756414	∞	80.5	16503.11	77611	102.5242 ng/ml
Meprobamate	4.929	393178	321.75	26.5	252.29	190172	100.6698 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	994392	2131.51	45.9	8807.51	440671	100.1543 ng/ml
Methamphetamine	3.245	941181	1434.73	39.4	821.53	387741	105.5002 ng/ml
Metoprolol	4.332	177153	4388.69	90.7	∞	980209	100.2203 ng/ml
Mirtazapine	4.636	975269	5310.14	47.3	6653.48	482951	95.7206 ng/ml
Mitragynine	5.241	171225	14522.60	40.5	8928.20	440671	105.7136 ng/ml
Morphine	1.253	51776	498.21	25.3	6673.34	6481	102.6163 ng/ml
Norbuprenorphine	4.997	1598	78.21	108.0	3039.82	8088	9.5789 ng/ml
Nordiazepam	5.903	478466	1284.97	58.7	8275.67	159294	102.2634 ng/ml
Norfentanyl	4.092	164152	39415.24	34.6	809.34	746299	9.2836 ng/ml
Norhydrocodone	3.075	55644	230.42	42.6	1070.84	57582	94.7442 ng/ml
Noroxycodone	2.918	431868	3977.15	43.4	753.70	163801	102.2097 ng/ml
O-desmethyl-tramadol	3.383	1811009	240291.95	7.1	2431.48	1044448	100.8738 ng/ml
Oxazepam	5.753	874157	40402.09	70.3	∞	492739	105.1111 ng/ml
Oxycodone	2.843	902729	3254.28	27.1	2255.91	385589	103.7252 ng/ml
Oxymorphone	1.410	389034	1126.03	42.9	3605.27	143165	103.3754 ng/ml
Phentermine	3.797	338326	3305.72	4.3	154.06	385326	105.5305 ng/ml
Promethazine	5.542	827262	1297.01	28.0	3997.14	346848	99.0179 ng/ml
Quetiapine	5.559	621273	16869.14	58.2	955239.04	81763	104.2098 ng/ml
Sertraline	5.778	185789	3183.71	101.1	434.20	85473	96.9542 ng/ml
Temazepam	5.819	1588043	30772.14	29.3	3852.65	760292	99.9602 ng/ml
Tramadol	4.251	1877520	∞	3.6	2279.06	980209	105.0794 ng/ml
Trazodone	5.181	694456	165558.39	80.8	∞	298689	103.9291 ng/ml
Venlafaxine	5.048	1410233	84989.88	40.9	1202.51	801306	99.3246 ng/ml
Zolpidem	4.932	2082973	10779.41	30.9	∞	1015782	106.4129 ng/ml



SC

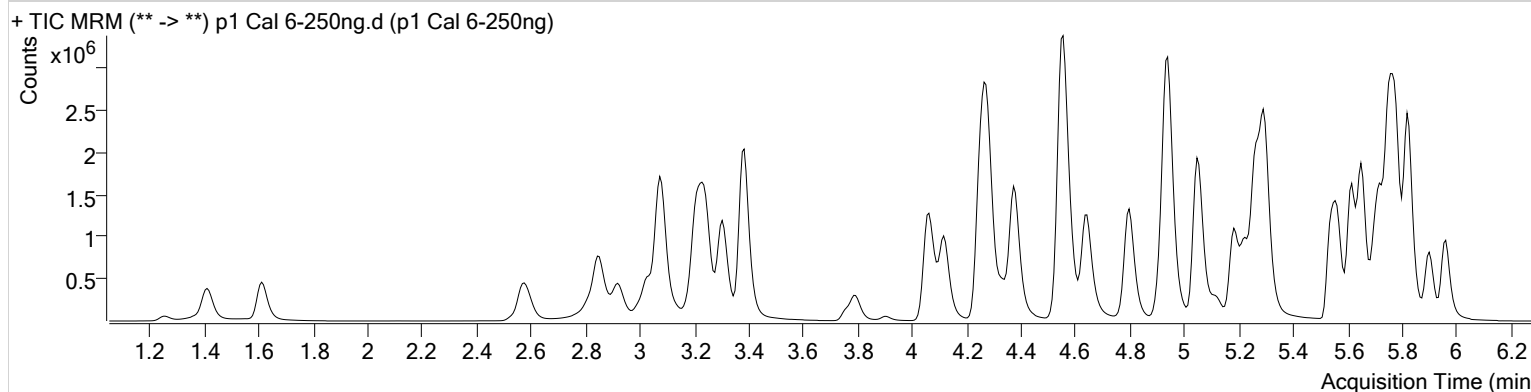


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 6-250ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 6-250ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-C12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 6:50:49 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	51314	2591.69	72.8	9991.59	48283	24.9103 ng/ml
7-aminoclonazepam	4.277	883534	∞	78.6	46550.09	136796	245.7844 ng/ml
a-hydroxyalprazolam	5.695	478871	5070.01	59.0	664.92	62721	256.7874 ng/ml
alpha-PHP	4.948	482084	11167.87	260.9	90795.28	429025	246.6500 ng/ml
alpha-PVP	4.375	2418959	536427.38	53.4	2200.88	429025	247.2831 ng/ml
Alprazolam	5.778	1489974	∞	113.8	∞	208895	251.8426 ng/ml
Amphetamine	3.078	3222550	79727.20	51.7	16421.83	166898	239.8950 ng/ml
Benzoylecgonine	3.898	82680	∞	8.2	∞	12286	235.6546 ng/ml
Buprenorphine	5.870	32142	1135.14	14.4	14761.54	43798	24.0694 ng/ml
Bupropion	4.800	2130796	∞	60.3	20350.12	287287	251.3587 ng/ml
Carisoprodol	5.727	1363323	∞	53.1	570.70	275849	254.8918 ng/ml
Citalopram	5.223	1176452	22448.53	44.6	21600.39	205291	251.2216 ng/ml
Clonazepam	5.615	1831026	596520.32	33.3	213437.42	92658	255.4609 ng/ml
Cocaine	4.269	1845226	138395.59	51.7	26365.56	598355	251.7889 ng/ml
Codeine	2.590	225444	14065.73	102.4	∞	46215	249.2499 ng/ml
Cyclobenzaprine	5.618	918449	561.70	9.1	1293.96	143198	250.0950 ng/ml
Dextromethorphan	5.273	613478	23761.77	78.7	84329.28	114033	253.0211 ng/ml
Dextrorphan	4.117	649186	34406.38	207.5	1272.34	299853	251.6794 ng/ml
Diazepam	5.963	1029051	∞	87.2	9124.33	202591	254.4669 ng/ml
Dihydrocodeine	2.569	624009	51141.11	64.3	1696.05	143979	246.7421 ng/ml
Diphenhydramine	5.300	3007107	804.48	33.2	60214.73	737389	254.4557 ng/ml
Doxylamine	4.554	5014269	189509.63	97.4	164888.56	869033	255.9779 ng/ml
EDDP	5.265	2195627	51767.08	42.1	505.22	450232	249.1417 ng/ml
Fentanyl	5.114	101347	493.86	69.0	193.59	179646	25.1265 ng/ml
Fluoxetine	5.703	917196	73204.07	9.1	7100.86	141426	254.6870 ng/ml
Hydrocodone	3.027	921798	500.26	37.9	218.41	229611	248.4013 ng/ml
Hydromorphone	1.614	730742	3178.22	74.8	∞	94218	249.2844 ng/ml
Ketamine	4.058	1877229	2402.73	38.0	1265.97	360651	256.4851 ng/ml
Lamotrigine	4.293	150693	8038.43	82.4	∞	360651	217.2946 ng/ml
Lorazepam	5.750	1198859	∞	59.1	8535.25	92658	203.1199 ng/ml
MDA	3.211	2469360	54491.51	23.1	15576.04	298392	242.4050 ng/ml
MDMA	3.304	1650558	279090.41	79.9	7969.91	68881	252.3226 ng/ml
Meprobamate	4.929	719526	91537.49	26.4	29978.48	164505	214.3966 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	2224718	1931.13	45.3	3028.67	388254	254.4116 ng/ml
Methamphetamine	3.245	2208640	4741.20	39.5	2016.26	379679	255.3023 ng/ml
Metoprolol	4.332	390082	895249.11	90.2	∞	837192	259.1383 ng/ml
Mirtazapine	4.642	2161028	67199.52	47.2	5281.59	429025	238.7806 ng/ml
Mitragynine	5.241	351666	27149.13	39.5	18880.04	388254	247.0299 ng/ml
Morphine	1.260	117889	1053.82	25.0	965.88	6041	251.2063 ng/ml
Norbuprenorphine	4.997	3707	1400.55	96.5	15546.38	6978	26.1385 ng/ml
Nordiazepam	5.903	1002339	∞	59.1	743.86	134900	253.4517 ng/ml
Norfentanyl	4.092	373640	39883.72	34.5	7101.46	647354	24.2755 ng/ml
Norhydrocodone	3.075	104474	565.26	42.6	256.42	43835	233.5368 ng/ml
Noroxycodone	2.918	907071	1617.63	42.9	1484.99	141278	249.4250 ng/ml
O-desmethyl-tramadol	3.383	4080374	416003.98	7.0	1837.18	943405	251.6972 ng/ml
Oxazepam	5.759	1626462	48751.66	71.0	4759.39	371893	259.7063 ng/ml
Oxycodone	2.843	2046165	4755.02	27.0	2786.52	354481	256.4564 ng/ml
Oxymorphone	1.410	835933	∞	43.6	∞	125515	254.1194 ng/ml
Phentermine	3.797	713706	∞	4.2	1326.59	346653	248.7514 ng/ml
Promethazine	5.542	1811063	1289.78	28.1	9328.23	302872	248.2045 ng/ml
Quetiapine	5.559	1416860	∞	58.7	∞	78452	247.7324 ng/ml
Sertraline	5.778	371051	10129.01	99.3	55338.79	64608	256.2774 ng/ml
Temazepam	5.819	3465266	128985.47	28.7	9399.69	665027	249.6334 ng/ml
Tramadol	4.251	3989031	136168.55	3.7	2402.76	837192	262.5479 ng/ml
Trazodone	5.181	1611348	∞	80.9	3039.69	278979	259.1651 ng/ml
Venlafaxine	5.048	3138096	367873.79	40.0	1987.82	708999	249.7099 ng/ml
Zolpidem	4.939	4616931	11830.06	30.2	5694.70	929384	258.8253 ng/ml

SC

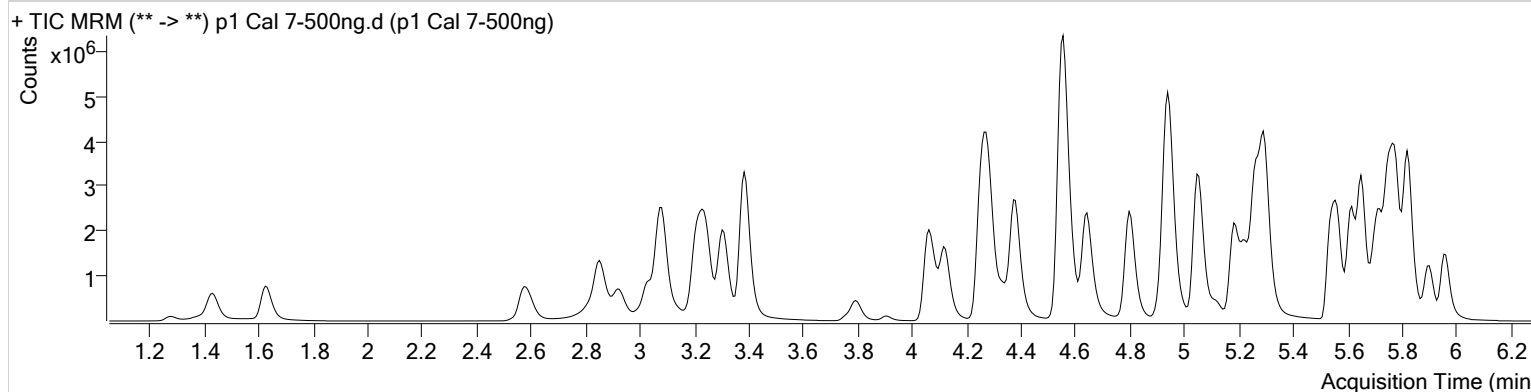


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 7-500ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 7-500ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-B12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 7:01:24 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	104995	131499.64	71.1	1863.29	48452	50.8417 ng/ml
7-aminoclonazepam	4.283	1299516	28598.26	79.4	21880.77	100484	492.1900 ng/ml
a-hydroxyalprazolam	5.695	766455	1025.32	60.4	∞	54142	476.6064 ng/ml
alpha-PHP	4.948	789820	17253.25	268.3	16602.74	388177	447.2906 ng/ml
alpha-PVP	4.382	4421475	182615.40	53.2	57056.19	388177	499.5535 ng/ml
Alprazolam	5.778	2519672	2733.56	111.7	∞	172892	514.4598 ng/ml
Amphetamine	3.084	5030649	189194.79	51.8	46410.53	144319	434.1839 ng/ml
Benzoylecgonine	3.905	172965	579.84	8.1	215.81	12354	490.1360 ng/ml
Buprenorphine	5.870	63059	611.19	14.4	∞	38624	53.4758 ng/ml
Bupropion	4.800	4027587	127263.47	59.5	49362.25	275079	496.2770 ng/ml
Carisoprodol	5.727	2058283	∞	54.3	65576.43	218361	486.2591 ng/ml
Citalopram	5.223	2128508	1374.69	44.5	743.07	184200	506.3374 ng/ml
Clonazepam	5.615	2870034	1887.57	33.0	24881.49	77592	478.8000 ng/ml
Cocaine	4.276	3180421	227391.77	51.5	83485.62	516100	503.1956 ng/ml
Codeine	2.597	396531	7021.88	101.6	20282.86	41945	483.3801 ng/ml
Cyclobenzaprine	5.618	1755618	2771.80	8.7	∞	134261	509.8247 ng/ml
Dextromethorphan	5.273	1062670	46034.43	78.3	53150.10	99289	503.3741 ng/ml
Dextrophan	4.124	1160948	2538.19	206.4	5250.81	271416	497.1897 ng/ml
Diazepam	5.963	1765043	9813.60	87.5	10012.55	180332	490.7378 ng/ml
Dihydrocodeine	2.575	1130378	547.05	64.0	17931.06	147364	437.0607 ng/ml
Diphenhydramine	5.300	5486630	118118.49	34.0	68496.44	678189	504.8309 ng/ml
Doxylamine	4.554	9656215	93714.89	97.7	∞	864644	495.6720 ng/ml
EDDP	5.265	4097950	66101.73	42.0	43838.80	417508	501.4872 ng/ml
Fentanyl	5.114	206692	15588.62	68.2	3588.23	183132	50.2664 ng/ml
Fluoxetine	5.703	1612255	351859.04	9.4	19928.19	129561	488.8224 ng/ml
Hydrocodone	3.034	1695223	∞	39.4	∞	229914	456.8617 ng/ml
Hydromorphone	1.628	1320377	∞	74.8	∞	85942	493.9868 ng/ml
Ketamine	4.065	3440083	6884.63	38.6	6078.51	348504	486.8877 ng/ml
Lamotrigine	4.293	239607	40880.15	80.9	16413.02	348504	358.1268 ng/ml
Lorazepam	5.743	1446580	∞	59.9	6954.31	77592	293.1070 ng/ml
MDA	3.211	3901309	1433.05	23.2	1367.48	259655	440.7597 ng/ml
MDMA	3.304	2972821	∞	80.3	84942.91	63616	492.2402 ng/ml
Meprobamate	4.929	989392	44190.86	26.0	17491.56	147939	328.4949 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	4169195	1583.96	44.8	16558.74	369912	500.4725 ng/ml
Methamphetamine	3.245	3312697	3037.57	39.5	3387.80	311730	467.8525 ng/ml
Metoprolol	4.338	688534	1572338.55	90.4	49226.59	766596	499.9736 ng/ml
Mirtazapine	4.643	4173470	102300.12	47.3	5984.99	388177	509.6852 ng/ml
Mitragynine	5.241	637591	85583.31	40.2	25230.61	369912	470.4951 ng/ml
Morphine	1.280	207731	59327.14	28.2	6292.67	5549	482.2144 ng/ml
Norbuprenorphine	4.997	7225	2369.24	96.4	10616.98	6965	51.2480 ng/ml
Nordiazepam	5.903	1678357	80570.07	58.4	22276.37	117989	485.5142 ng/ml
Norfentanyl	4.092	704210	58141.66	34.2	9731.81	567988	52.0855 ng/ml
Norhydrocodone	3.075	175637	1277.60	42.5	167.96	34184	503.3514 ng/ml
Noroxycodone	2.925	1490617	∞	43.2	413.12	119444	485.1596 ng/ml
O-desmethyl-tramadol	3.383	7546218	241177.16	7.0	125111.17	875486	501.6500 ng/ml
Oxazepam	5.753	2061032	∞	73.4	∞	263850	464.1714 ng/ml
Oxycodone	2.850	3859896	14092.36	27.2	3714.80	352364	487.1272 ng/ml
Oxymorphone	1.430	1484014	1527.39	44.3	547.58	113224	500.6141 ng/ml
Phentermine	3.797	1120048	11110.81	4.4	2487.68	318546	425.5017 ng/ml
Promethazine	5.535	3674531	1940.51	27.8	39599.20	305422	499.3574 ng/ml
Quetiapine	5.559	2724397	987.75	59.9	∞	75608	494.3019 ng/ml
Sertraline	5.778	607027	27500.67	98.9	66456.03	53940	502.2495 ng/ml
Temazepam	5.819	6009437	208874.45	28.9	41936.34	567445	507.5416 ng/ml
Tramadol	4.251	6655705	479972.19	3.8	5512.05	766596	479.0411 ng/ml
Trazodone	5.181	3229027	484367.76	81.3	1062.64	296250	489.6575 ng/ml
Venlafaxine	5.048	5891914	125170.65	39.6	31633.66	653009	508.9820 ng/ml
Zolpidem	4.939	8282910	242411.03	30.4	18084.32	902065	479.0195 ng/ml

SC

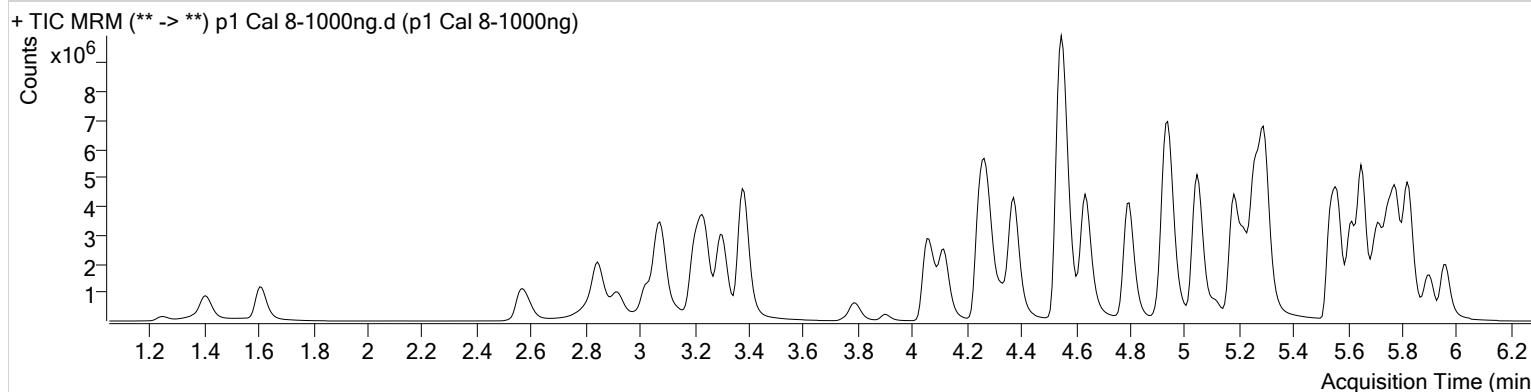


# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\AM 27-28\010721 AM 27 28 SC\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 1/8/2021 10:07:33 AM

<b>Instrument</b>	Instrument 1	<b>Data File</b>	p1 Cal 8-1000ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 8-1000ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Sarah Collins
<b>Sample Position</b>	P2-A12	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	1/7/2021 7:12:00 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	189839	4461.97	70.5	1367.77	43465	102.5209 ng/ml
7-aminoclonazepam	4.283	1503948	22230.01	79.6	20780.34	57178	1001.0974 ng/ml
a-hydroxyalprazolam	5.695	1039889	2063.34	58.9	1689.24	39792	880.3017 ng/ml
alpha-PHP	4.948	1259418	3012.97	263.4	∞	327934	844.9925 ng/ml
alpha-PVP	4.375	7432342	1932.91	53.9	4091.51	327934	993.9915 ng/ml
Alprazolam	5.778	3586398	∞	113.2	∞	123510	1024.9312 ng/ml
Amphetamine	3.078	7279975	261636.65	51.8	∞	121524	747.1552 ng/ml
Benzoylcegonine	3.898	375492	130640.48	8.1	471.24	12778	1028.5630 ng/ml
Buprenorphine	5.870	125643	∞	14.4	36472.92	38269	107.4761 ng/ml
Bupropion	4.800	7157044	138867.95	61.1	62145.90	255091	951.0637 ng/ml
Carisoprodol	5.727	2636225	1841565.44	54.2	33165.74	139239	976.8288 ng/ml
Citalopram	5.223	3678861	1230.03	44.3	1539.32	162126	994.0717 ng/ml
Clonazepam	5.615	3540450	158234.19	33.1	∞	54286	844.7637 ng/ml
Cocaine	4.269	4813697	123351.81	51.8	183246.17	386834	1016.1568 ng/ml
Codeine	2.590	596304	∞	99.7	21487.47	34679	879.5178 ng/ml
Cyclobenzaprine	5.618	3072094	6375.82	8.8	3537.20	117754	1017.1346 ng/ml
Dextromethorphan	5.273	1610002	45932.46	78.5	15975.74	76813	985.8078 ng/ml
Dextrorphan	4.117	1887062	35500.26	209.7	35617.98	217923	1006.4840 ng/ml
Diazepam	5.963	2566185	11105.05	87.4	∞	133963	960.8499 ng/ml
Dihydrocodeine	2.562	1778166	977.40	64.3	1669.69	135352	748.8711 ng/ml
Diphenhydramine	5.300	9553374	108106.14	34.3	1250.90	592407	1006.3359 ng/ml
Doxylamine	4.548	16373574	470620.06	96.8	280514.65	773651	939.5523 ng/ml
EDDP	5.265	7392589	62745.17	41.6	192715.60	372775	1013.2657 ng/ml
Fentanyl	5.114	422523	74452.12	68.1	21409.46	183083	102.7809 ng/ml
Fluoxetine	5.703	2722653	106429.73	9.1	5419.30	106584	1003.5937 ng/ml
Hydrocodone	3.027	2682836	575.51	38.3	∞	191978	866.5851 ng/ml
Hydromorphone	1.608	2089257	628.83	75.6	∞	72740	923.6756 ng/ml
Ketamine	4.058	5539786	252092.44	38.4	60841.27	305058	896.1893 ng/ml
Lamotrigine	4.293	298882	24428.47	85.2	58015.49	305058	510.7234 ng/ml
Lorazepam	5.743	1491125	∞	58.8	2560.03	54286	432.2993 ng/ml
MDA	3.204	5248111	97515.08	23.3	78326.63	207813	741.3745 ng/ml
MDMA	3.304	4603818	113930.38	80.2	66031.37	51382	943.9660 ng/ml
Meprobamate	4.916	1129074	50648.42	26.5	8565.09	120149	462.0952 ng/ml

SL



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	7659482	202248.68	45.6	77671.11	337733	1007.1118 ng/ml
Methamphetamine	3.239	5745655	24928.92	39.1	24856.70	292328	866.8213 ng/ml
Metoprolol	4.332	1079133	199322.16	90.3	∞	636841	943.6873 ng/ml
Mirtazapine	4.636	7870963	98437.22	47.4	130943.36	327934	1137.8455 ng/ml
Mitragynine	5.241	1089499	77042.13	40.1	63543.85	337733	880.9643 ng/ml
Morphine	1.246	356500	54796.14	25.6	7387.35	4713	974.6764 ng/ml
Norbuprenorphine	4.997	13900	∞	99.5	312.84	6740	102.1056 ng/ml
Nordiazepam	5.903	2339656	3429.07	59.2	14259.77	84377	946.7306 ng/ml
Norfentanyl	4.092	1206827	6334.16	33.9	2221.57	427881	118.4214 ng/ml
Norhydrocodone	3.068	293253	∞	41.3	63.11	25018	1148.1871 ng/ml
Noroxycodone	2.918	2222351	2039.76	42.6	∞	89853	961.8962 ng/ml
O-desmethyl-tramadol	3.377	11796781	122646.22	7.2	47090.87	698676	982.7211 ng/ml
Oxazepam	5.753	2182404	∞	69.3	∞	144083	900.4392 ng/ml
Oxycodone	2.843	6403279	2601.62	27.2	8100.16	312240	912.3784 ng/ml
Oxymorphone	1.403	2472017	62973.03	42.7	1678.51	98637	957.6979 ng/ml
Phentermine	3.790	1713080	∞	4.3	5395.55	286312	724.7388 ng/ml
Promethazine	5.535	6769279	2893.66	28.2	1695.21	276245	1017.0570 ng/ml
Quetiapine	5.559	5022113	∞	59.6	132009.34	68896	999.9969 ng/ml
Sertraline	5.772	909575	34159.36	99.4	57226.50	40215	1009.5021 ng/ml
Temazepam	5.826	8386854	110261.32	29.0	29348.48	418359	960.9099 ng/ml
Tramadol	4.251	10008255	188885.84	3.9	6777.81	636841	867.7353 ng/ml
Trazodone	5.181	6586161	∞	80.5	∞	329910	897.3894 ng/ml
Venlafaxine	5.048	9784643	540999.12	40.6	2049.31	545804	1011.2284 ng/ml
Zolpidem	4.932	12681269	298980.74	30.9	187361.61	804282	823.0716 ng/ml