


















REVIEWED

By Tamara Salazar at 8:04 am, Aug 05, 2021

8/4/2021

cg

Worklist: 5155

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-2279	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-2956	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-3044	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-3049	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-3143	9	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1952	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2034	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2186	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2188	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2273	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2274	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2328	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2348	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2366	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2377	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2437	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2438	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 07/28/2021

Analyst: Celena Shrum

Plate lot#: 201207

Plate Retest Date: 06/07/2021

Mobile phase A: 5mM Amm Form + 0.01% FA

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20723-- 20L20724 ^{8/5/21}cs

Blank Urine Lot: POC031319

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. **Urine samples add 50 ul 1% HCl in MeOH**. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

Curve limits: alpha-hydroxyalprazolam 5-250, Alpha-PHP 5-500, Buprenorphine 5-500, Codeine 5-500, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-250, Mirtazapine 100-1000, Norbuprenorphine 2.5-100. Surrogate internal standards were used for hydromorphone and alpha-hydroxyalprazolam.

The run stopped due to pressure issues but was restarted with no issues.

P2021-2328-1 was reinjected due to fluoxetine carryover from a previous sample. M2021-2279-1 was reinjected as it was inadvertently injected after the QC 250. Reinjections were bracketed by blanks and a QC.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1			IS + Cal. 1	IS + QC_1			P2021-2377-1	P2021-2034-1	Negative Urine	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2			IS + Cal. 2	IS + QC_2			P2021-2366-1	P2021-1952-1	Blood External	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3			IS + Cal. 3	IS + QC_3			P2021-2348-1	M2021-3143-9	Negative Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4			IS + Cal. 4	IS + QC_4			P2021-2328-1	M2021-3049-2	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2			IS + Cal. 5	IS + QC_2			P2021-2274-1	M2021-3044-2	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6				IS + Cal. 6				P2021-2273-1	M2021-2956-4	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7				IS + Cal. 7			P2021-2438-1	P2021-2188-1	M2021-2279-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8				IS + Cal. 8			P2021-2437-1	P2021-2186-1	Urine External	IS + QC_1	IS + Cal. 1



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: 120320)

100 μ L of 1mg/mL stock was added to each drug to 9700 μ L of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	197468	
O-desmethyl Tramadol	Cerilliant	FN01241702	04/30/2022
Amphetamine	Cerilliant	FE04061701	06/30/2022
Alprazolam	Cerilliant	FE07061604	07/31/2021
Prepared:	12/03/2020		
Prepared By:	Celena Shrum		
Expires:	07/31/2021		

Blood External Control Solution (Lot: WS060421)

100 μ L of methanol external control solution was added to 9900 μ L of blood.

Approximately 100 ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	20L20723
Methanol External Control Solution		120320
Prepared:	06/04/2021	
Prepared by:	Celena Shrum	
Expires:	07/31/2021	



Idaho State Police Forensic Services

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

Methanol External Control Solution (Lot: 120320)

100 µL of 1mg/mL stock was added to each drug to 9700 µL of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	197468	
O-desmethyl Tramadol	Cerilliant	FN01241702	04/30/2022
Amphetamine	Cerilliant	FE04061701	06/30/2022
Alprazolam	Cerilliant	FE07061604	07/31/2021
Prepared:	12/03/2020		
Prepared By:	Celena Shrum		
Expires:	07/31/2021		

Urine External Control Solution (Lot: WS061521)

100 µL of methanol external control solution was added to 9900 µL of blood.

Approximately 100 ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Urine	Pocatello Lab	POC031319
Methanol External Control Solution		120320
Prepared:	06/15/2021	
Prepared by:	Amber Gerheart	

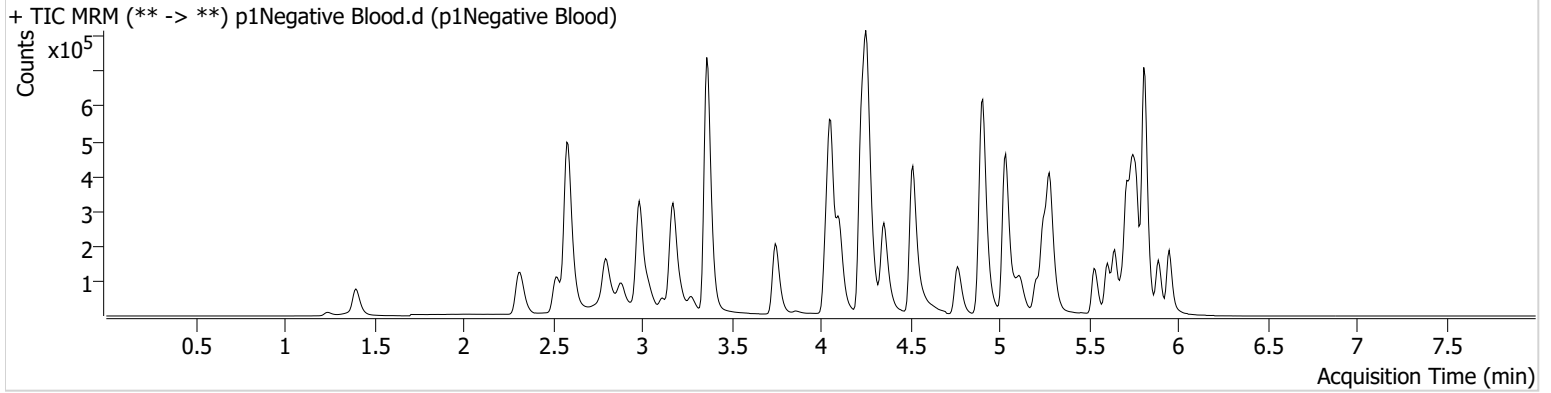
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1Negative Blood.d
Type	Sample	Sample	p1Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 6:25:58 PM		
Sample Info.			

Sample Chromatogram



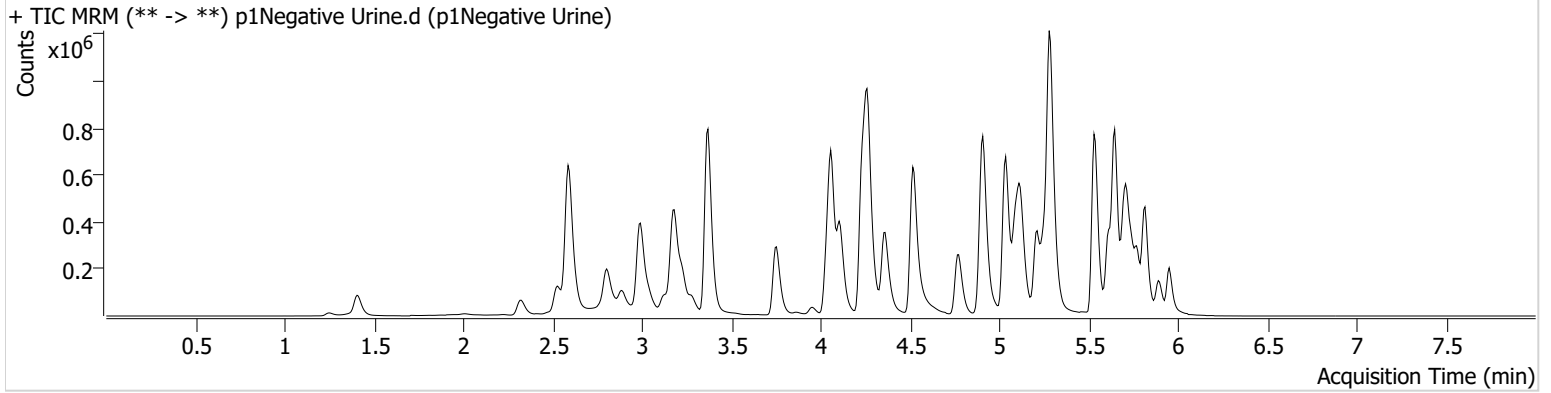
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1Negative Urine.d
Type	Sample	Sample	p1Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A11	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 7:08:25 PM		
Sample Info.			

Sample Chromatogram



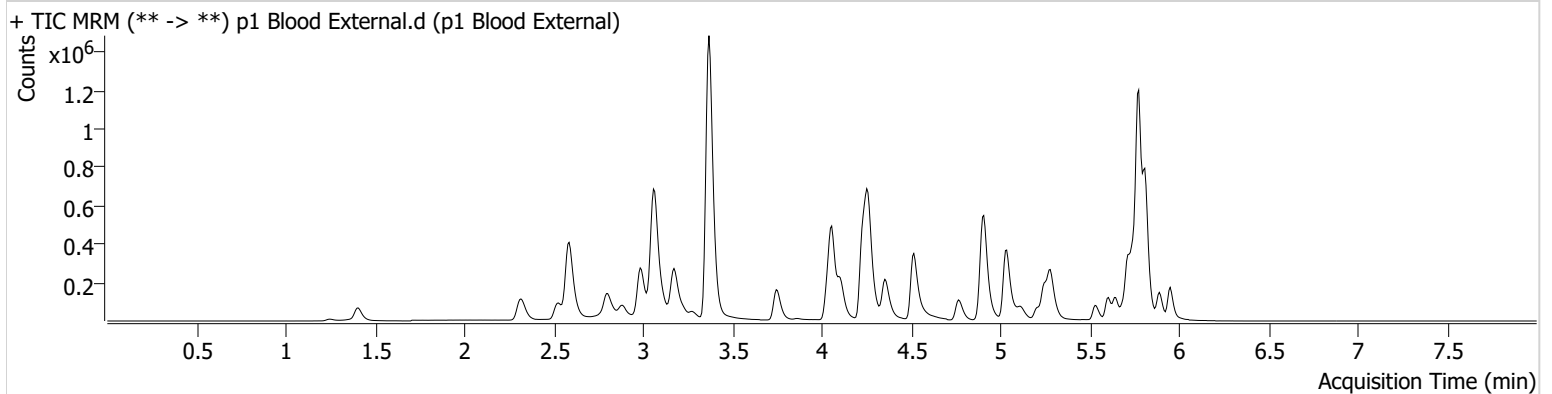
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Blood External.d
Type	Sample	Sample	p1 Blood External
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B11	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 6:47:11 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.775	1047365	1403.19	112.9	625.68	438833	83.0488 ng/ml
Amphetamine	3.063	1389714	5773.81	52.0	1272.61	217076	80.5982 ng/ml
O-desmethyl-tramadol	3.369	2343401	47472.94	6.7	3595.72	1710030	80.7310 ng/ml

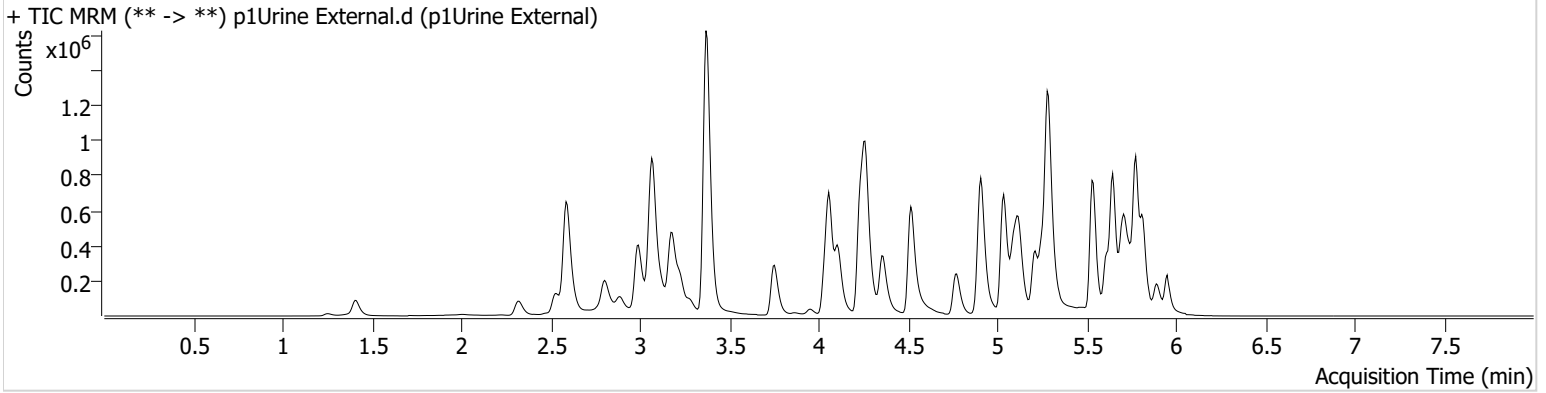


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument Falco (069901) **Data File** p1Urine External.d
Type Sample **Sample** p1Urine External
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-H10 **Comment**
Injection Volume 2
Acq. Date-Time 7/28/2021 7:29:39 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.775	647009	1081.43	111.8	1055.29	375782	59.9346 ng/ml
Amphetamine	3.069	1849106	6493.46	52.2	736.92	380688	60.9352 ng/ml
O-desmethyl-tramadol	3.376	2309678	1404.05	6.8	2478.52	2201090	61.8959 ng/ml

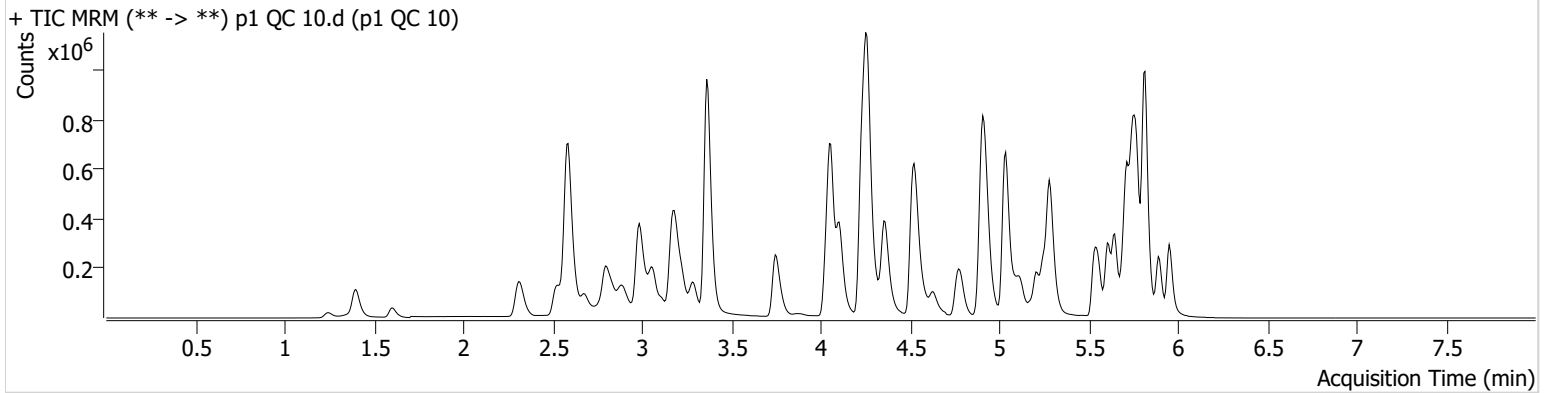
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 4:50:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4031	338.03	70.0	3188.19	108940	0.9743 ng/ml
7-aminoclonazepam	4.271	91065	67.90	77.6	87.84	348692	9.5825 ng/ml
a-hydroxyalprazolam	5.692	49774	189.79	58.3	239.49	565515	10.1087 ng/ml
alpha-PHP	4.937	41858	429.36	263.4	2170.18	825929	8.7426 ng/ml
alpha-PVP	4.370	177471	764.53	53.7	137.57	825929	9.4731 ng/ml
Alprazolam	5.775	155830	618.07	112.5	483.77	565515	9.6620 ng/ml
Amphetamine	3.063	275850	1349.78	52.7	280.91	319148	10.1082 ng/ml
Benzoylecgonine	3.892	4418	157.67	7.7	8.25	16887	10.4764 ng/ml
Buprenorphine	5.887	2101	3046.39	15.4	898.05	75551	1.0290 ng/ml
Bupropion	4.788	125207	2841.23	61.4	303.67	457990	9.6493 ng/ml
Carisoprodol	5.724	146624	1561.63	60.1	69.32	766929	9.7152 ng/ml
Citalopram	5.212	73204	521.02	39.7	587.37	346016	9.5984 ng/ml
Clonazepam	5.612	175125	22821.07	32.0	101.03	211542	10.2026 ng/ml
Clonazepam	5.549	118638	7036.30	36.1	60441.09	211542	10.0078 ng/ml
Cocaine	4.264	159359	353.19	53.9	299.52	1621343	9.5612 ng/ml
Codeine	2.573	22064	775.74	96.0	1259.01	104295	10.3414 ng/ml
Cyclobenzaprine	5.615	40184	960.14	9.3	3645.84	165124	10.1114 ng/ml
Dextromethorphan	5.255	34741	70.69	78.4	214.27	162290	10.2347 ng/ml
Dextrophan	4.105	51697	78020.49	215.4	340.25	657482	9.3483 ng/ml
Diazepam	5.960	97003	1439.06	89.5	877.90	457100	9.8135 ng/ml
Dihydrocodeine	2.552	51759	3233.58	69.2	186.20	315857	10.2930 ng/ml
Diphenhydramine	5.289	172683	2668.87	33.7	649.27	1105272	9.5476 ng/ml
Doxylamine	4.536	358594	633.17	97.4	954.23	1624366	9.4633 ng/ml
EDDP	5.254	49504	146.05	41.5	203.71	287272	9.3264 ng/ml
Etizolam	5.813	103007	90560.97	25.1	71579.13	211542	10.3397 ng/ml
Fentanyl	5.109	4817	22.14	69.9	24686.27	211064	1.0862 ng/ml
Flualprazolam	5.705	69083	2311.96	105.8	1633.42	565515	9.4555 ng/ml
Fluoxetine	5.707	55756	146.80	8.4	6754.08	216652	10.1170 ng/ml
Hydrocodone	3.012	74837	108.03	41.5	139.08	923955	10.1576 ng/ml
Hydromorphone	1.601	69878	73040.88	79.6	45506.45	9586	10.0179 ng/ml
Ketamine	4.051	155848	431.22	35.5	439.50	778630	9.7204 ng/ml
Lamotrigine	4.280	15939	880.05	81.8	537.82	778630	10.0317 ng/ml
Levetiracetam	2.683	67372	856.62	163.8	806.55	1820147	9.9408 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	163924	1760.19	59.8	253.45	211542	9.8738 ng/ml
MDA	3.196	235000	641.32	22.5	82.21	606374	10.0644 ng/ml
MDMA	3.290	137455	4417.29	78.0	270.83	132027	9.8849 ng/ml
Meprobamate	4.917	87535	17045.32	26.4	1600.99	389821	10.0720 ng/ml
Methadone	5.646	106395	181.12	51.0	289.37	512186	10.1113 ng/ml
Methamphetamine	3.231	173780	583.94	37.2	755.34	636759	9.7706 ng/ml
Metoprolol	4.326	39224	856.25	93.5	502.01	1827954	9.6889 ng/ml
Mirtazapine	4.631	123511	218.69	51.4	176.86	825929	31.5149 ng/ml*
Mitragynine	5.237	18592	333.18	39.5	741.69	512186	9.8146 ng/ml
Morphine	1.247	9797	41.40	43.3	247.32	9586	9.1731 ng/ml
Norbuprenorphine	4.986	275	29.41	121.8 High-OK _{cs}	1150.23	12314	0.8582 ng/ml*
Nordiazepam	5.900	102621	1206.66	54.4	579.15	362321	9.4561 ng/ml
Norfentanyl	4.079	28946	268.79	33.6	138.81	1347241	0.9396 ng/ml
Norhydrocodone	3.059	12232	157.69	44.4	66.61	116191	9.2552 ng/ml
Noroxycodone	2.903	86756	866.22	40.9	611.28	294862	10.0638 ng/ml
O-desmethyl-tramadol	3.369	355720	2187.21	6.9	541.65	2296532	9.4220 ng/ml
Oxazepam	5.749	188413	786.96	74.1	151.74	768981	9.7650 ng/ml
Oxycodone	2.827	155156	566.04	27.3	379.31	716766	9.7109 ng/ml
Oxymorphone	1.405	78617	417.24	43.9	226.46	295148	9.5978 ng/ml
Phentermine	3.783	64215	99.41	4.0	9.45 Low-OK _{cs}	730378	9.9410 ng/ml
Promethazine	5.532	90904	700.79	28.4	71.72	392324	9.8155 ng/ml
Pseudoephedrine	2.596	358233	5700.92	16.4	1910.36	1820147	9.3102 ng/ml
Quetiapine	5.555	96407	3005.08	59.9	5121.30	126006	10.2383 ng/ml
Sertraline	5.776	25566	722.38	101.2	180.42	123190	9.6669 ng/ml
Temazepam	5.816	323073	352.64	28.3	130.67	1630733	10.1309 ng/ml
Tramadol	4.246	366196	722.43	3.8	67.34	1827954	9.7502 ng/ml
Trazodone	5.176	74224	152.45	81.2	819.46	302732	10.1891 ng/ml
Venlafaxine	5.037	290822	2021.43	36.7	190.94	1537349	9.5398 ng/ml
Zolpidem	4.928	347278	1175.10	30.6	1815.76	1778804	9.5926 ng/ml

*Outside curve range

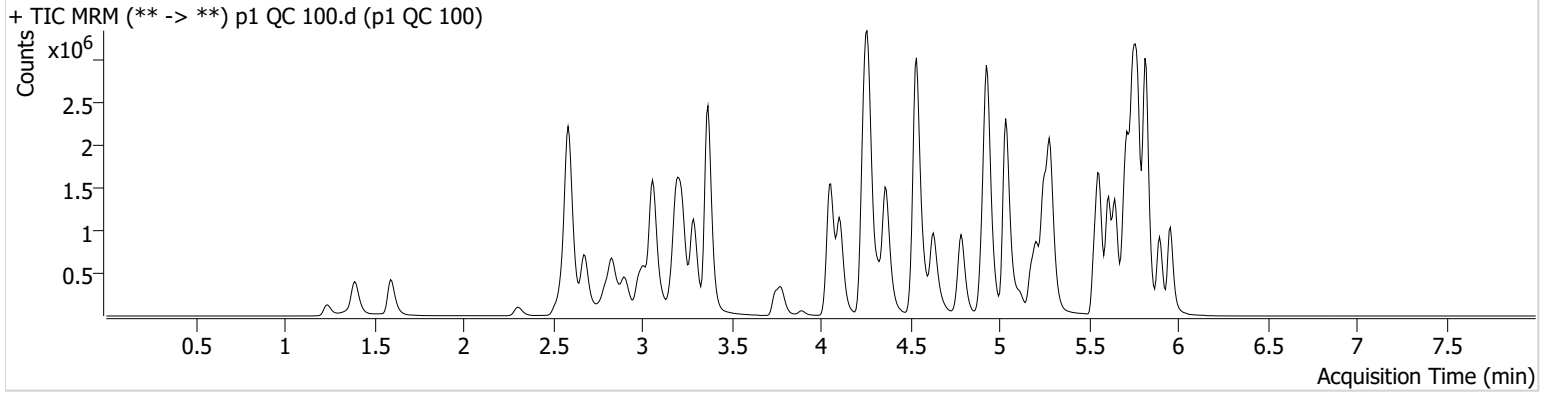


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument Falco (069901) Data File p1 QC 100.d
Type QC Sample p1 QC 100
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-G11 Comment
Injection Volume 2
Acq. Date-Time 7/29/2021 12:14:29 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	47692	752.54	68.9	213890.78	115632	10.2359 ng/ml
7-aminoclonazepam	4.271	914272	3114.38	74.9	13501.95	312680	108.4852 ng/ml
a-hydroxyalprazolam	5.692	456001	880.19	56.0	880.07	518470	110.6557 ng/ml
alpha-PHP	4.937	494829	16198.11	265.4	8452.27	882408	99.2973 ng/ml
alpha-PVP	4.370	2130125	5430.64	53.6	25805.97	882408	103.0852 ng/ml
Alprazolam	5.775	1581629	919.51	110.4	∞	518470	106.1257 ng/ml
Amphetamine	3.063	3068103	822.17	50.6	3263.46	334643	115.8112 ng/ml
Benzoylcegonine	3.892	57788	746.33	7.3	1846.46	16810	119.1484 ng/ml
Buprenorphine	5.887	25439	34488.39	13.5	3874.47	84256	10.3101 ng/ml
Bupropion	4.788	1448765	618.63	62.0	532.63	496418	101.5778 ng/ml
Carisoprodol	5.724	1383842	2679837.56	59.4	2828.19	634154	106.9300 ng/ml
Citalopram	5.212	893270	899.40	41.2	6312.49	400282	100.7133 ng/ml
Clonazepam	5.612	1694487	547.09	32.2	3064.35	196702	109.0161 ng/ml
Clonazepam	5.548	1174995	27292.97	38.5	1248639.75	196702	109.1534 ng/ml
Cocaine	4.264	1820268	59785.56	51.7	21524.60	1615456	106.5144 ng/ml
Codeine	2.573	216761	3601.81	100.2	9949.64	103278	108.5857 ng/ml
Cyclobenzaprine	5.615	450216	1657144.69	9.1	423.46	173030	105.2159 ng/ml
Dextromethorphan	5.262	416837	290.86	80.8	457.07	183781	106.0771 ng/ml
Dextrophan	4.111	635132	18008.44	203.1	10963.58	690489	107.3026 ng/ml
Diazepam	5.960	992766	376.65	87.6	940.31	431320	105.2883 ng/ml
Dihydrocodeine	2.552	567737	1511.23	69.3	21066.88	330224	115.4868 ng/ml
Diphenhydramine	5.289	2179647	62100.45	33.8	10505.13	1281510	99.6746 ng/ml
Doxylamine	4.536	4363975	4689.68	96.2	64874.97	1795049	104.0495 ng/ml
EDDP	5.254	1545936	25955.31	41.2	2045.98	750811	105.9445 ng/ml
Etizolam	5.813	1015254	13961.22	25.5	284788.47	196702	88.5104 ng/ml
Fentanyl	5.109	53736	3002.35	62.3	70535.51	237070	10.4727 ng/ml
Flualprazolam	5.705	715224	2938.64	98.4	6734.77	518470	107.2766 ng/ml
Fluoxetine	5.707	514829	647.57	8.7	61337.10	198326	107.0507 ng/ml
Hydrocodone	3.012	815586	∞	41.3	155.77	990266	107.0727 ng/ml
Hydromorphone	1.595	772471	5191.52	79.4	15556.60	9242	113.2083 ng/ml
Ketamine	4.051	1730279	46639.43	35.4	789.72	780207	109.2144 ng/ml
Lamotrigine	4.280	163253	4371.51	79.8	589.15	780207	111.5536 ng/ml
Levetiracetam	2.683	716237	7675.41	164.6	6327.38	1870861	100.6764 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1312385	5116.04	57.7	1784.17	196702	91.8011 ng/ml
MDA	3.196	2527469	3985.12	23.6	748.98	612090	114.7003 ng/ml
MDMA	3.290	1647970	1684354.69	77.4	4176.46	144419	106.5714 ng/ml
Meprobamate	4.917	770180	16573.69	28.8	11511.07	361504	104.3939 ng/ml
Methadone	5.653	1322440	13321.20	51.0	1145.84	593289	95.5671 ng/ml
Methamphetamine	3.231	1831336	18192.30	37.3	760.74	689870	109.1570 ng/ml
Metoprolol	4.326	437467	479495.84	94.1	4936.36	1915466	104.0651 ng/ml
Mirtazapine	4.631	1499768	15506.67	53.2	4790.05	882408	104.5057 ng/ml
Mitragynine	5.237	233065	298384.54	40.2	76799.65	593289	107.6590 ng/ml
Morphine	1.240	111089	∞	39.4	455.36	9242	109.4522 ng/ml
Norbuprenorphine	4.986	3176	1385.95	97.1	1504.92	15174	9.6454 ng/ml
Nordiazepam	5.900	1054880	952.68	54.5	984.77	331453	105.5742 ng/ml
Norfentanyl	4.079	376279	1790.28	34.4	2672.26	1514792	10.0417 ng/ml
Norhydrocodone	3.059	117747	249.57	42.4	129.17	101343	99.1829 ng/ml
Noroxycodone	2.903	882729	1634.72	42.8	1900.97	274768	109.6029 ng/ml
O-desmethyl-tramadol	3.369	4129410	2231.57	6.7	12092.74	2333929	104.1338 ng/ml
Oxazepam	5.756	1653723	15088.95	72.2	62390.50	633399	108.0509 ng/ml
Oxycodone	2.827	1760360	2050.42	27.2	686.62	743469	107.7646 ng/ml
Oxymorphone	1.391	842789	∞	42.2	∞	286674	107.1731 ng/ml
Phentermine	3.783	695172	∞	3.8	475.36	761886	112.6565 ng/ml
Promethazine	5.532	1070202	992.88	28.3	2630.80	430574	102.3454 ng/ml
Pseudoephedrine	2.596	4189090	37238.73	16.0	29297.48	1870861	101.1317 ng/ml
Quetiapine	5.562	1135412	1960224.85	58.8	2285.03	139378	107.6061 ng/ml
Sertraline	5.776	234298	426.57	96.8	5487.66	107719	100.4606 ng/ml
Temazepam	5.823	3121946	21225.45	27.7	1535.77	1366095	100.2738 ng/ml
Tramadol	4.246	4159605	281607.01	3.6	544.64	1915466	106.7371 ng/ml
Trazodone	5.176	910440	901244.67	81.5	1284495.21	363732	104.5241 ng/ml
Venlafaxine	5.037	3552831	30990.58	36.3	975.19	1639620	105.0645 ng/ml
Zolpidem	4.935	3805177	6164.84	30.3	1026.75	1834402	104.7222 ng/ml

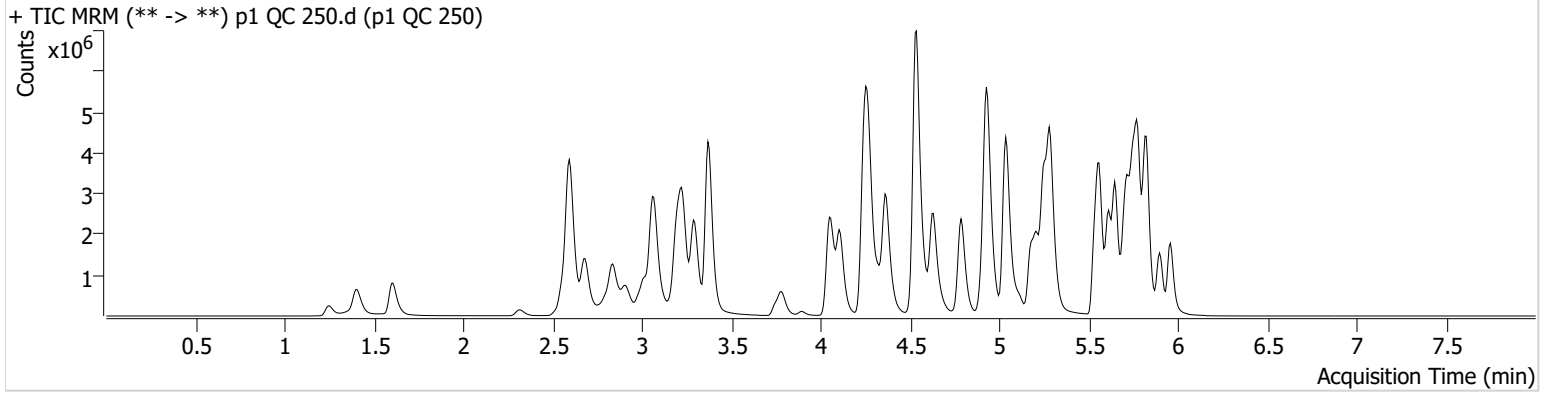


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-F11 **Comment**
Injection Volume 2
Acq. Date-Time 7/28/2021 5:11:41 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	108034	1100.34	67.0	95181.03	108558	24.6113 ng/ml
7-aminoclonazepam	4.271	1628112	9976.26	75.8	18822.66	245269	246.4342 ng/ml
a-hydroxyalprazolam	5.692	713232	1067.23	58.5	1773.53	420623	214.3335 ng/ml
alpha-PHP	4.937	1091678	6922.90	267.3	162789.31	852330	227.1242 ng/ml
alpha-PVP	4.370	4938035	2020.36	51.9	28149.48	852330	246.9474 ng/ml
Alprazolam	5.775	3093010	∞	109.6	∞	420623	255.6982 ng/ml
Amphetamine	3.069	6297534	31946.90	50.1	2468.43	334894	238.4733 ng/ml
Benzoylcegonine	3.892	111043	399.91	8.0	98.63	16107	237.4203 ng/ml
Buprenorphine	5.880	68351	11586.25	14.4	16804.36	94807	24.4977 ng/ml
Bupropion	4.788	4065127	1150.06	62.0	30433.15	585047	241.6380 ng/ml
Carisoprodol	5.730	2329188	89784.52	58.7	13600.99	454538	250.5844 ng/ml
Citalopram	5.212	2420180	23172.78	39.7	1369.30	455138	239.9029 ng/ml
Clonazepam	5.612	3062168	45971.74	32.1	71147.54	157009	247.1949 ng/ml
Clonazepam	5.548	2188616	46933.73	38.2	1737634.95	157009	255.0691 ng/ml
Cocaine	4.264	3795250	116829.53	52.3	113335.80	1445571	247.7879 ng/ml
Codeine	2.573	415647	24043.93	95.6	9238.20	93859	229.8582 ng/ml
Cyclobenzaprine	5.615	1393671	53958.50	8.9	20787.83	228390	246.3530 ng/ml
Dextromethorphan	5.262	1112626	∞	81.5	358.61	217644	238.7799 ng/ml
Dextrophan	4.111	1449041	15402.10	203.3	247040.00	682623	247.3786 ng/ml
Diazepam	5.960	2019794	6136.60	87.9	998.76	379932	243.0302 ng/ml
Dihydrocodeine	2.552	1178676	2975.53	69.1	1823.95	321074	247.4907 ng/ml
Diphenhydramine	5.289	6013228	214608.34	33.3	657.11	1446755	242.9525 ng/ml
Doxylamine	4.536	11025807	253785.97	95.0	389726.05	1854234	254.4715 ng/ml
EDDP	5.254	4231393	4177.02	40.4	252.63	861942	251.8993 ng/ml
Etizolam	5.813	2083103	9001.87	25.4	113957.46	157009	224.0678 ng/ml
Fentanyl	5.109	172862	256.00	65.4	386401.81	328798	24.2443 ng/ml
Flualprazolam	5.705	1355741	7863.21	99.5	648.69	420623	250.7161 ng/ml
Fluoxetine	5.707	1310985	35360.73	8.5	2018.79	212334	255.3738 ng/ml
Hydrocodone	3.012	1692489	1057.18	43.0	206.30	934890	235.8515 ng/ml
Hydromorphone	1.608	1591834	3064119.27	78.2	10475746.1	8662	248.7470 ng/ml
Ketamine	4.051	3811347	40187.43	35.0	11124.40	764306	245.7630 ng/ml
Lamotrigine	4.280	305012	1604.86	81.4	6118.16	764306	213.6430 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.683	1444502	9583.44	164.9	13855.33	1644403	230.7090 ng/ml
Lorazepam	5.747	1678825	31241.09	58.9	5882.51	157009	147.6592 ng/ml *
MDA	3.203	4663580	38372.99	23.6	1658.98	545932	238.1140 ng/ml
MDMA	3.296	3603138	20897.78	78.9	4565.57	136214	246.8110 ng/ml
Meprobamate	4.917	1285030	137295.05	27.8	13069.86	315842	200.3079 ng/ml
Methadone	5.646	3937915	1355.00	50.1	56476.55	720590	232.3734 ng/ml
Methamphetamine	3.231	4587213	1346.05	36.4	2338.71	764903	248.6371 ng/ml
Metoprolol	4.326	928128	71414.18	93.9	8246.85	1743204	242.7318 ng/ml
Mirtazapine	4.631	4262058	31660.61	51.5	1672.44	852330	259.9365 ng/ml
Mitragynine	5.237	694861	5012.96	39.2	2000.99	720590	264.4849 ng/ml
Morphine	1.247	240655	36102.23	38.1	1107.49	8662	253.2045 ng/ml
Norbuprenorphine	4.986	8982	550.47	99.6	4422.47	18008	23.2488 ng/ml
Nordiazepam	5.900	2069037	49089.39	53.8	17976.40	283206	242.2640 ng/ml
Norfentanyl	4.079	850809	1037.92	34.7	1200.43	1418709	24.1331 ng/ml
Norhydrocodone	3.059	233915	469.65	43.1	82.65	83743	238.0331 ng/ml
Noroxycodone	2.909	1595812	1674.12	43.9	2591.65	225302	241.6111 ng/ml
O-desmethyl-tramadol	3.369	9310538	439239.00	6.5	∞	2184529	250.3750 ng/ml
Oxazepam	5.756	2421669	20188.39	71.9	21923.47	396825	253.1103 ng/ml
Oxycodone	2.834	3786995	3385.05	27.7	2486.65	700458	246.2644 ng/ml
Oxymorphone	1.405	1615298	∞	45.2	∞	238393	247.1708 ng/ml
Phentermine	3.783	1558831	7298.65	3.8	107.10	797448	242.5076 ng/ml
Promethazine	5.532	3259531	683.42	28.0	682.76	561712	238.5371 ng/ml
Pseudoephedrine	2.596	9038475	69064.57	15.5	102794.92	1644403	247.5825 ng/ml
Quetiapine	5.562	3033274	9489.82	59.3	22452.83	165688	241.6429 ng/ml
Sertraline	5.776	609681	65516.60	96.2	14493.11	118824	236.8598 ng/ml
Temazepam	5.823	5430743	55934.79	27.2	390.60	1003708	235.2544 ng/ml
Tramadol	4.246	9047372	189638.46	3.5	759.49	1743204	255.2485 ng/ml
Trazodone	5.176	2751438	183805.62	81.5	676.01	468988	245.0613 ng/ml
Venlafaxine	5.037	8314176	101493.68	34.8	35278.66	1598861	251.5715 ng/ml
Zolpidem	4.928	8627794	2643.26	29.3	2662.64	1788311	243.9509 ng/ml

*Outside curve range

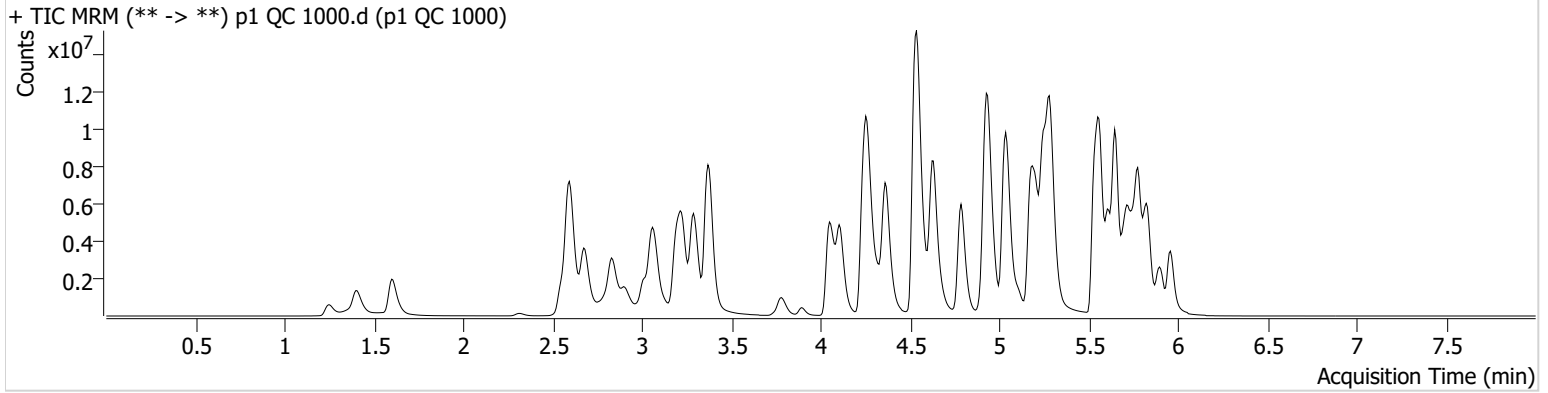


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument Falco (069901) Data File p1 QC 1000.d
Type QC Sample p1 QC 1000
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-E11 Comment
Injection Volume 2
Acq. Date-Time 7/28/2021 5:32:54 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	331919	2868.69	68.4	1583.56	80396	101.9081 ng/ml
7-aminoclonazepam	4.278	2680638	22573.67	70.7	17373.92	100652	989.0790 ng/ml
a-hydroxyalprazolam	5.685	986152	363.22	59.0	2505.59	232625	537.4549 ng/ml *
alpha-PHP	4.937	2594750	20573.15	270.7	1418.50	534902	860.9052 ng/ml *
alpha-PVP	4.363	13231584	721397.55	52.1	159105.23	534902	1053.3089 ng/ml
Alprazolam	5.775	6630000	∞	107.8	∞	232625	990.8137 ng/ml
Amphetamine	3.063	10914819	25793.49	49.1	29762.44	162302	855.1452 ng/ml
Benzoylcegonine	3.892	497427	3134.32	7.8	280.45	15625	1090.8339 ng/ml
Buprenorphine	5.880	253098	318800.34	14.1	40872.03	64920	132.0891 ng/ml *
Bupropion	4.788	10874060	2372.78	60.5	22517.59	375996	1005.2840 ng/ml
Carisoprodol	5.730	3776654	9435604.71	57.4	24401.80	167561	1100.8932 ng/ml
Citalopram	5.212	7337885	65466.35	37.8	31786.25	317857	1041.3381 ng/ml
Clonazepam	5.612	4663053	∞	31.6	378146.85	71547	826.7691 ng/ml
Clonazepam	5.555	3333853	135380.05	38.7	103489.14	71547	853.2600 ng/ml
Cocaine	4.257	9291127	169128.87	51.9	1581.09	834068	1050.3870 ng/ml
Codeine	2.566	850818	322.56	97.4	195.95	59808	739.8816 ng/ml *
Cyclobenzaprine	5.615	5793660	4581.16	8.7	376.12	218393	1070.0004 ng/ml
Dextromethorphan	5.255	3298711	71621.96	80.4	71418.97	149535	1029.5641 ng/ml
Dextrophan	4.111	3945677	158534.04	210.7	50661.76	437517	1050.3404 ng/ml
Diazepam	5.960	4666404	14998.57	89.2	50756.76	220079	968.9612 ng/ml
Dihydrocodeine	2.545	2936469	2426.77	69.2	1492.09	247092	802.9603 ng/ml
Diphenhydramine	5.289	18540624	202621.53	33.3	34786.30	1068549	1012.8655 ng/ml
Doxylamine	4.536	29339052	2431.37	96.1	499213.09	1351475	928.9889 ng/ml
EDDP	5.248	13496820	92001.10	39.9	42188.06	628541	1100.1507 ng/ml
Etizolam	5.813	4933710	14228.20	24.6	4061.06	71547	1155.3688 ng/ml
Fentanyl	5.109	812751	118059.46	64.9	2058032.23	360779	103.7700 ng/ml
Flualprazolam	5.705	2706029	22075.05	95.6	21093.48	232625	904.9741 ng/ml
Fluoxetine	5.707	3656627	65189.27	8.3	4718.53	151602	999.2409 ng/ml
Hydrocodone	3.012	4566955	332.97	39.9	266.60	666304	894.1016 ng/ml
Hydromorphone	1.601	4230690	21176742.24	79.9	2846428.86	6111	936.6598 ng/ml
Ketamine	4.051	10385358	169442.32	34.3	53531.37	534279	958.4196 ng/ml
Lamotrigine	4.287	587366	54626.13	81.8	39134.41	534279	590.2593 ng/ml *
Levetiracetam	2.683	3852858	12539.74	168.7	1952.34	867471	1165.5658 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1701879	43847.51	57.6	1105.82	71547	329.5763 ng/ml *
MDA	3.196	9359318	96175.70	22.8	641.35	305231	856.7128 ng/ml
MDMA	3.290	9654066	338558.02	77.9	14105.27	86530	1040.4265 ng/ml
Meprobamate	4.911	1986592	37765.41	28.1	6233.56	215604	454.9505 ng/ml *
Methadone	5.646	14547085	321975.54	50.0	79948.84	613940	1003.0974 ng/ml
Methamphetamine	3.231	8201333	47829.36	35.8	1191.85	374366	912.5557 ng/ml
Metoprolol	4.326	2143939	3864.72	93.8	20930.75	1130538	864.8085 ng/ml
Mirtazapine	4.631	15425987	134248.49	51.0	160514.67	534902	1382.4421 ng/ml
Mitragynine	5.230	2074510	1406727.99	39.4	1453.96	613940	927.1573 ng/ml
Morphine	1.247	629295	82827.08	38.8	10581.69	6111	938.9159 ng/ml
Norbuprenorphine	4.986	30742	700.50	95.1	7426.68	14157	101.8546 ng/ml
Nordiazepam	5.900	3991612	∞	54.2	32204.17	138346	956.5700 ng/ml
Norfentanyl	4.079	2100893	1891.68	34.2	8093.06	786123	107.2758 ng/ml
Norhydrocodone	3.060	600125	224.91	46.3	∞	48845	1045.9873 ng/ml
Noroxycodone	2.903	3310937	1466.46	43.3	37370.01	96058	1175.6407 ng/ml
O-desmethyl-tramadol	3.369	23236060	248409.02	6.8	43759.02	1362848	1000.5831 ng/ml
Oxazepam	5.749	2272689	15930.82	72.6	9999.10	105628	893.4390 ng/ml
Oxycodone	2.827	10655060	4253.32	26.8	1763.47	491076	988.7852 ng/ml
Oxymorphone	1.398	4229964	410.41	42.9	367.17	161281	957.0909 ng/ml
Phentermine	3.783	3144002	∞	3.9	185.55	463521	843.9761 ng/ml
Promethazine	5.532	15240933	4372.00	27.3	3872.07	595495	1051.0437 ng/ml
Pseudoephedrine	2.596	20956827	433562.73	15.3	106550.69	867471	1086.6210 ng/ml
Quetiapine	5.562	10689253	123740.26	59.9	189633.33	134421	1049.1321 ng/ml
Sertraline	5.776	1866901	30290.89	98.1	50531.77	89341	964.3560 ng/ml
Temazepam	5.830	7993570	78059.22	27.1	9683.64	334672	1033.1266 ng/ml
Tramadol	4.239	21162826	897.44	3.6	1137.95	1130538	920.8905 ng/ml
Trazodone	5.176	12383726	414566.73	81.5	379166.21	542936	952.9085 ng/ml
Venlafaxine	5.037	22525699	1818.38	36.7	2210.88	1061753	1025.1387 ng/ml
Zolpidem	4.928	23544435	320685.18	29.5	182620.58	1333587	893.4882 ng/ml

*Outside curve range

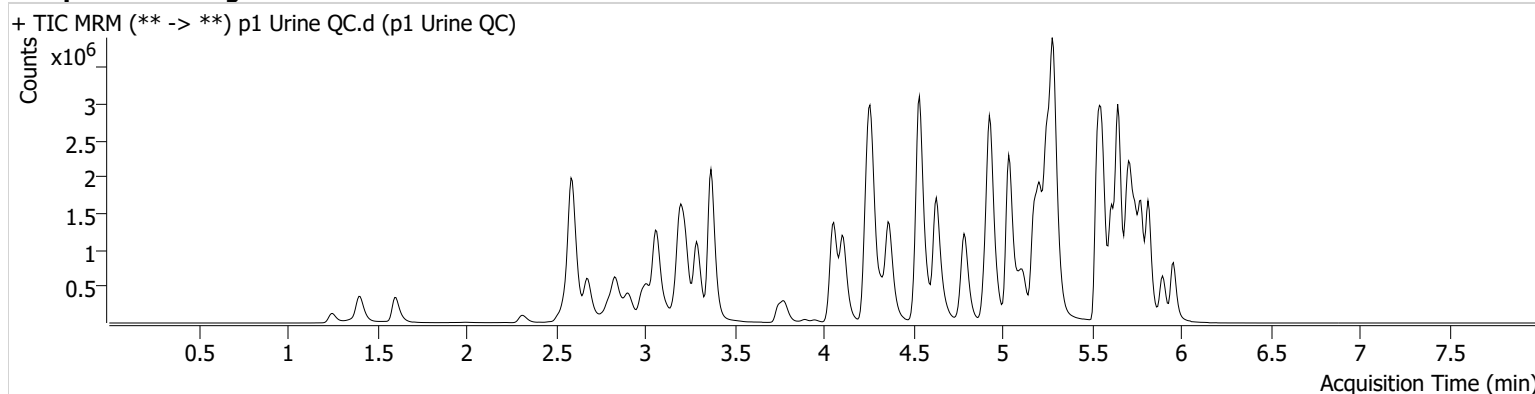
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Urine QC.d
Type	QC	Sample	p1 Urine QC
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D11	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 6:04:45 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	42746	1302.13	70.8	29201.86	105697	10.0381 ng/ml
7-aminoclonazepam	4.271	787447	275.15	75.6	279.67	278395	104.9398 ng/ml
a-hydroxyalprazolam	5.692	296823	2075.01	57.3	1036.18	305978	122.1607 ng/ml
alpha-PHP	4.937	535161	2490.88	265.7	12341.16	821862	115.3429 ng/ml
alpha-PVP	4.370	1992125	20809.97	52.6	11668.85	821862	103.5077 ng/ml
Alprazolam	5.775	936771	567.25	109.5	755.24	305978	106.5077 ng/ml
Amphetamine	3.069	2494952	11880.12	51.4	387.29	303081	103.8923 ng/ml
Benzoylcegonine	3.892	42045	5521.30	8.2	113.83	16010	91.3840 ng/ml
Buprenorphine	5.887	56182	449.82	14.4	32876.94	170429	11.2491 ng/ml
Bupropion	4.788	1953485	100373.39	61.1	978.31	640201	106.1977 ng/ml
Carisoprodol	5.724	906377	1777213.34	58.6	3084.59	415390	106.9205 ng/ml
Citalopram	5.212	1917558	∞	39.9	14816.89	828103	104.5022 ng/ml
Clonazepam	5.612	977337	2898.94	32.4	3493.43	116690	105.9835 ng/ml
Clonazepam	5.549	617333	4266.62	38.2	190978.48	116690	96.6407 ng/ml
Cocaine	4.264	1636401	16805.91	52.5	17269.36	1448214	106.8125 ng/ml
Codeine	2.573	204156	554.75	97.2	30158.15	94305	112.0234 ng/ml
Cyclobenzaprine	5.615	1433442	3518.39	9.0	265.15	556441	104.1732 ng/ml
Dextromethorphan	5.262	1103278	491.14	79.9	832.95	496598	103.9101 ng/ml
Dextrophan	4.112	691669	735.34	204.5	1092.04	771083	104.6454 ng/ml
Diazepam	5.960	789921	4155.61	89.7	68145.95	345023	104.7298 ng/ml
Dihydrocodeine	2.552	511325	3312.51	69.6	1298.00	302389	113.5730 ng/ml
Diphenhydramine	5.289	4386629	49059.67	33.9	22223.78	2539202	101.2337 ng/ml
Doxylamine	4.536	4556390	5476.86	95.6	34253.68	1827049	106.7341 ng/ml
EDDP	5.254	1948685	9437.89	41.6	2014.61	940569	106.5997 ng/ml
Etizolam	5.813	716308	3793.27	25.4	2256.83	116690	104.8518 ng/ml
Fentanyl	5.109	203890	647.65	63.1	44613.88	905009	10.4094 ng/ml
Flualprazolam	5.705	518059	915.56	100.1	9234.98	305978	131.6775 ng/ml
Fluoxetine	5.707	1664576	124755.79	8.4	316.66	647586	105.9963 ng/ml
Hydrocodone	3.012	777933	862.01	40.0	418.34	901682	112.1826 ng/ml
Hydromorphone	1.608	651738	11947.77	79.3	2502.71	10053	87.8466 ng/ml
Ketamine	4.051	1502540	1370.79	36.0	1720.43	688790	107.4245 ng/ml
Lamotrigine	4.280	153498	1418.73	82.9	530.66	688790	118.8724 ng/ml
Levetiracetam	2.683	590316	8486.91	164.5	36.18	1706038	91.0151 ng/ml

AM #28 Multi-Drug Quant. Results

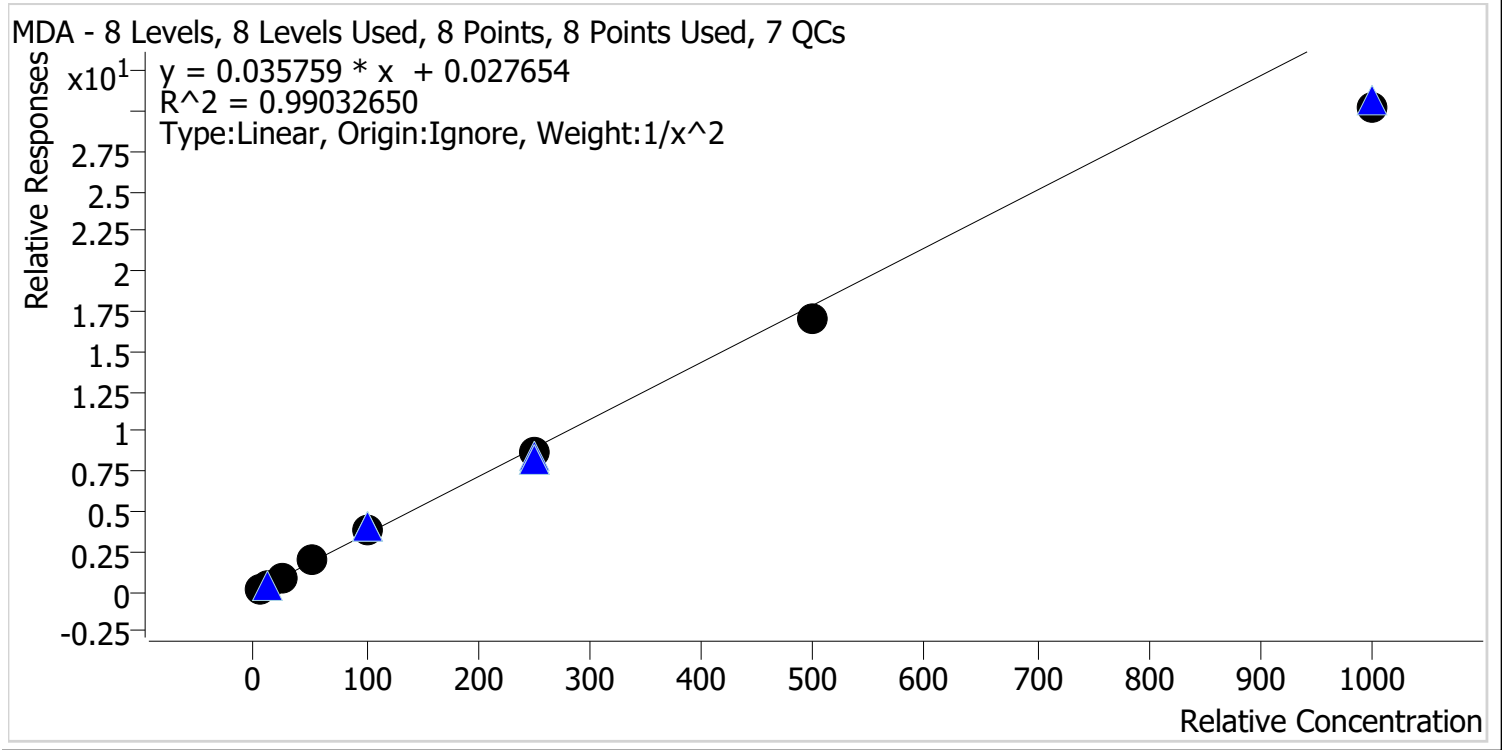


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	525943	4794.01	58.8	451.43	116690	61.7262 ng/ml
MDA	3.203	2700103	10771.22	23.4	448.43	655503	114.4174 ng/ml
MDMA	3.290	1664588	13723.87	78.7	2213.37	144224	107.7902 ng/ml
Meprobamate	4.917	618269	∞	28.1	1387.38	286272	105.8409 ng/ml
Methadone	5.646	3333649	670.96	51.1	1524.09	1462085	97.7262 ng/ml
Methamphetamine	3.231	1239495	1037.76	37.4	4131.39	464823	109.6570 ng/ml
Metoprolol	4.326	442843	629.66	94.4	5218.18	1717757	117.4813 ng/ml
Mirtazapine	4.631	3040686	61166.06	52.1	21422.10	821862	198.6876 ng/ml
Mitragynine	5.237	743569	2045.13	39.1	710.87	1462085	139.4193 ng/ml
Morphine	1.253	114658	4809.43	38.6	3217.08	10053	103.8499 ng/ml
Norbuprenorphine	4.986	7541	9680.09	105.8	1499.06	34717	10.0160 ng/ml
Nordiazepam	5.900	719186	5779.15	54.5	493.84	224865	106.0950 ng/ml
Norfentanyl	4.086	361497	10807.20	34.6	277.18	1466112	9.9680 ng/ml
Norhydrocodone	3.060	102285	228.35	42.0	108.33	85762	101.8046 ng/ml
Noroxycodone	2.909	783956	1310.38	42.4	352.48	247928	107.8771 ng/ml
O-desmethyl-tramadol	3.369	3577360	3812.65	6.8	831.32	2031747	103.6314 ng/ml
Oxazepam	5.749	592836	2700.23	71.4	176.26	267601	91.6204 ng/ml
Oxycodone	2.827	1660799	2567.35	27.5	890.42	689950	109.5587 ng/ml
Oxymorphone	1.405	751381	833.51	43.1	718.62	259941	105.3738 ng/ml
Phentermine	3.783	623222	803.69	3.9	236.48	680162	113.1359 ng/ml
Promethazine	5.538	3746775	5603.07	27.4	1630.17	1508284	102.2881 ng/ml
Pseudoephedrine	2.596	3773307	2374.85	16.3	11287.87	1706038	99.9004 ng/ml
Quetiapine	5.555	2178648	17977.43	58.3	101364.42	274807	104.7261 ng/ml
Sertraline	5.776	425813	481.94	95.1	316.67	192607	102.1076 ng/ml
Temazepam	5.823	1395666	385.64	29.1	144.93	640453	95.6906 ng/ml
Tramadol	4.246	3694274	1188.58	3.7	167.09	1717757	105.7063 ng/ml
Trazodone	5.176	2511938	844.95	81.9	47417.49	1011308	103.7219 ng/ml
Venlafaxine	5.037	3613721	78419.94	35.7	815.54	1698865	103.1458 ng/ml
Zolpidem	4.928	3760731	87958.19	29.9	7349.08	1764776	107.5903 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



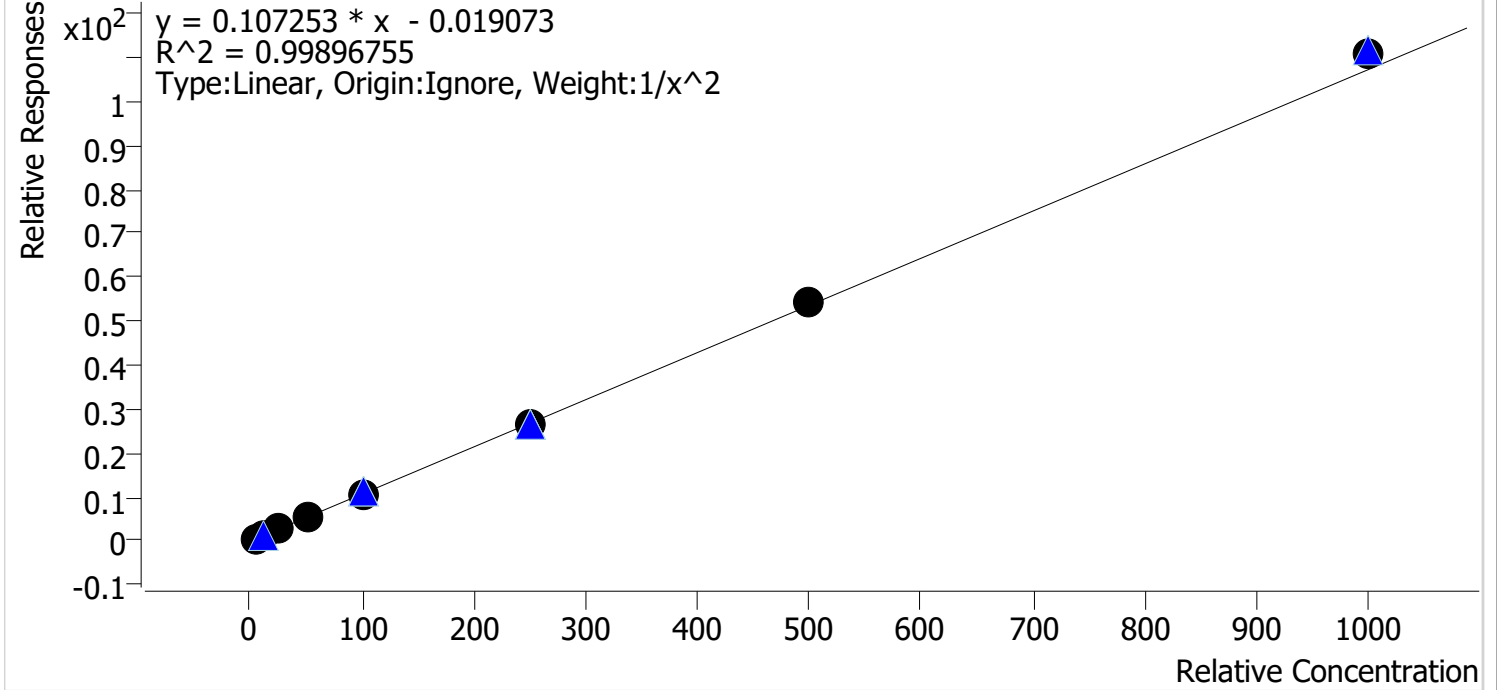
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	56.3	112.6
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	473.8	94.8
p1 Cal 8-1000ng	8	✓	1000.0	845.9	84.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

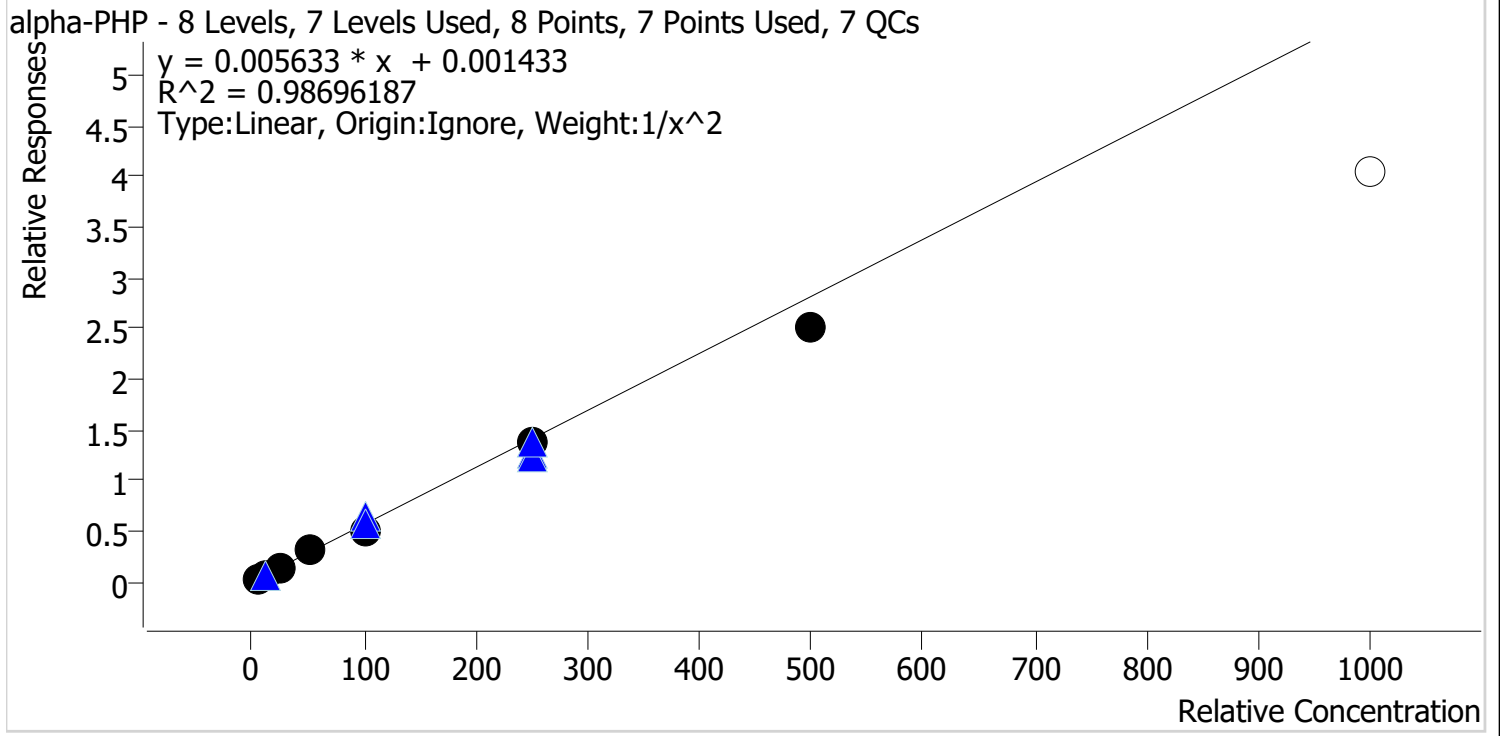


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1029.9	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



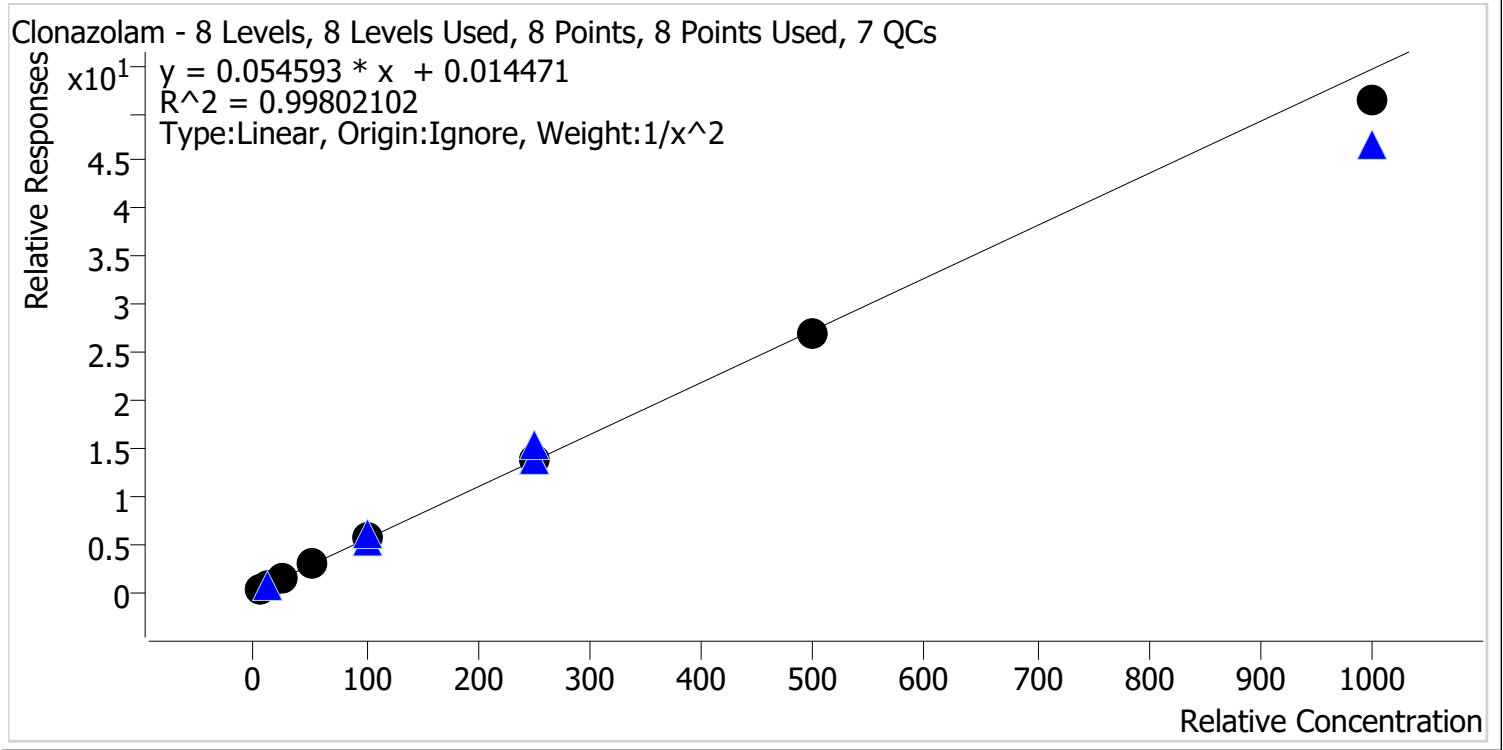
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.9	108.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	57.5	114.9
p1 Cal 5-100ng	5	✓	100.0	90.0	90.0
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	448.9	89.8
p1 Cal 8-1000ng	8	✗	1000.0	718.8	71.9

Calibrator 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

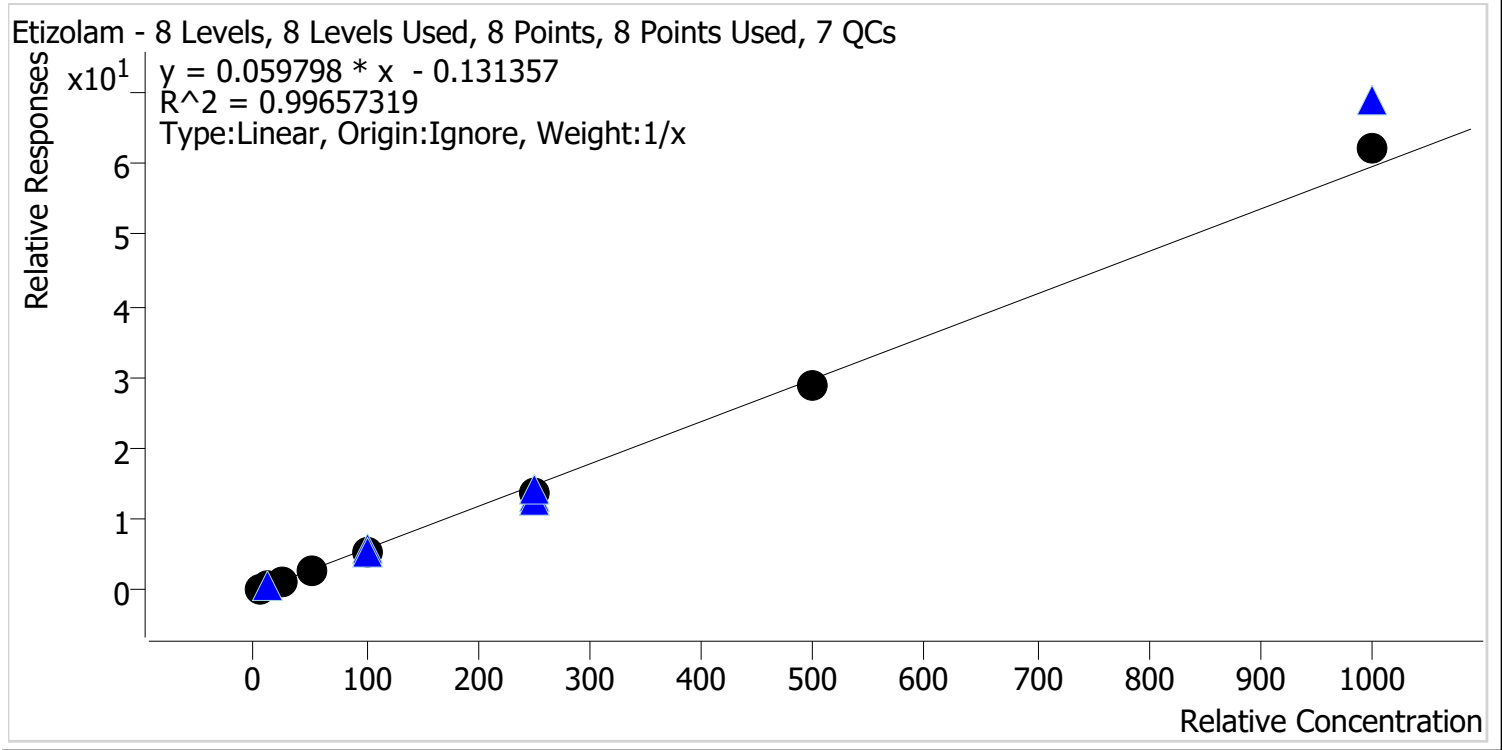


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	490.8	98.2
p1 Cal 8-1000ng	8	✓	1000.0	939.7	94.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

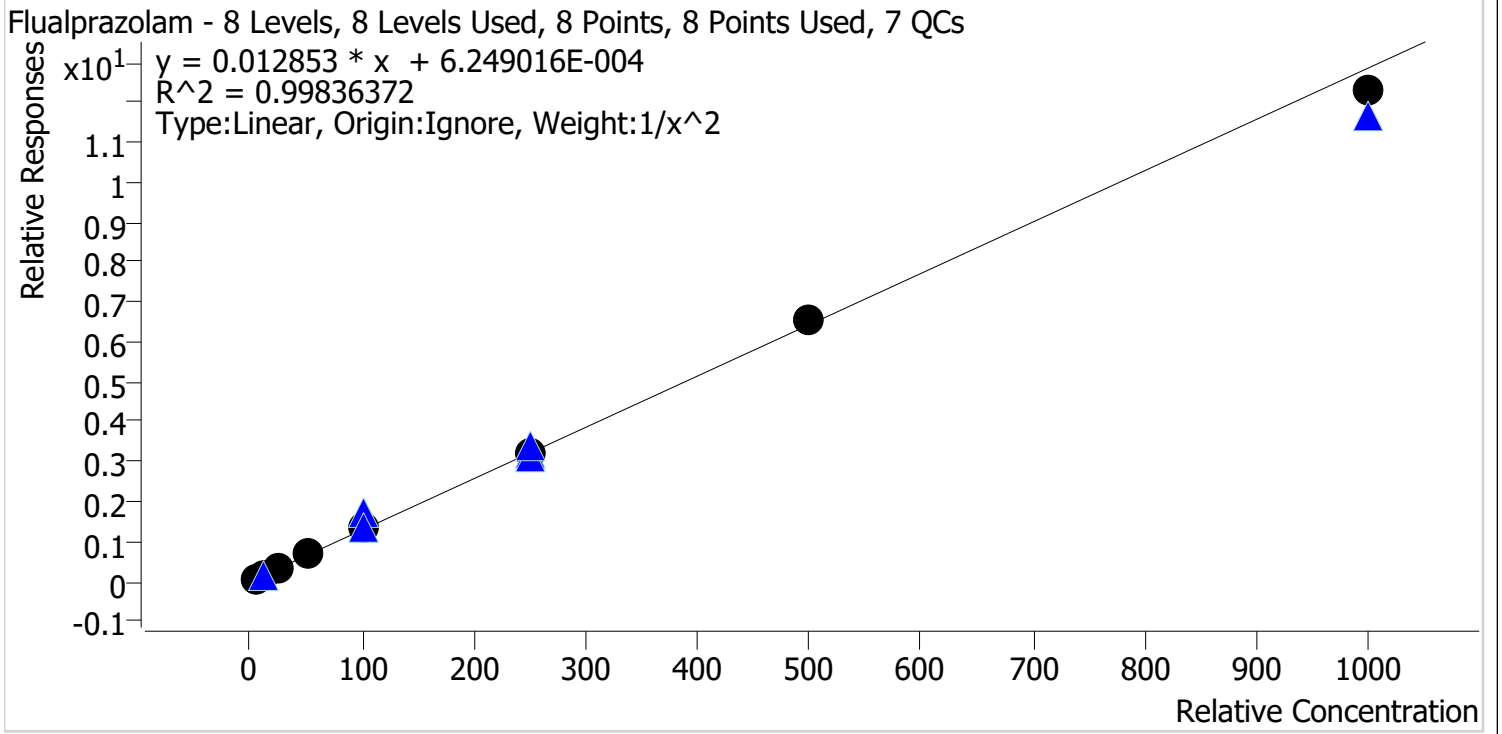


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.4	127.7
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.7
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	89.0	89.0
p1 Cal 6-250ng	6	✓	250.0	231.0	92.4
p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✓	1000.0	1046.9	104.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

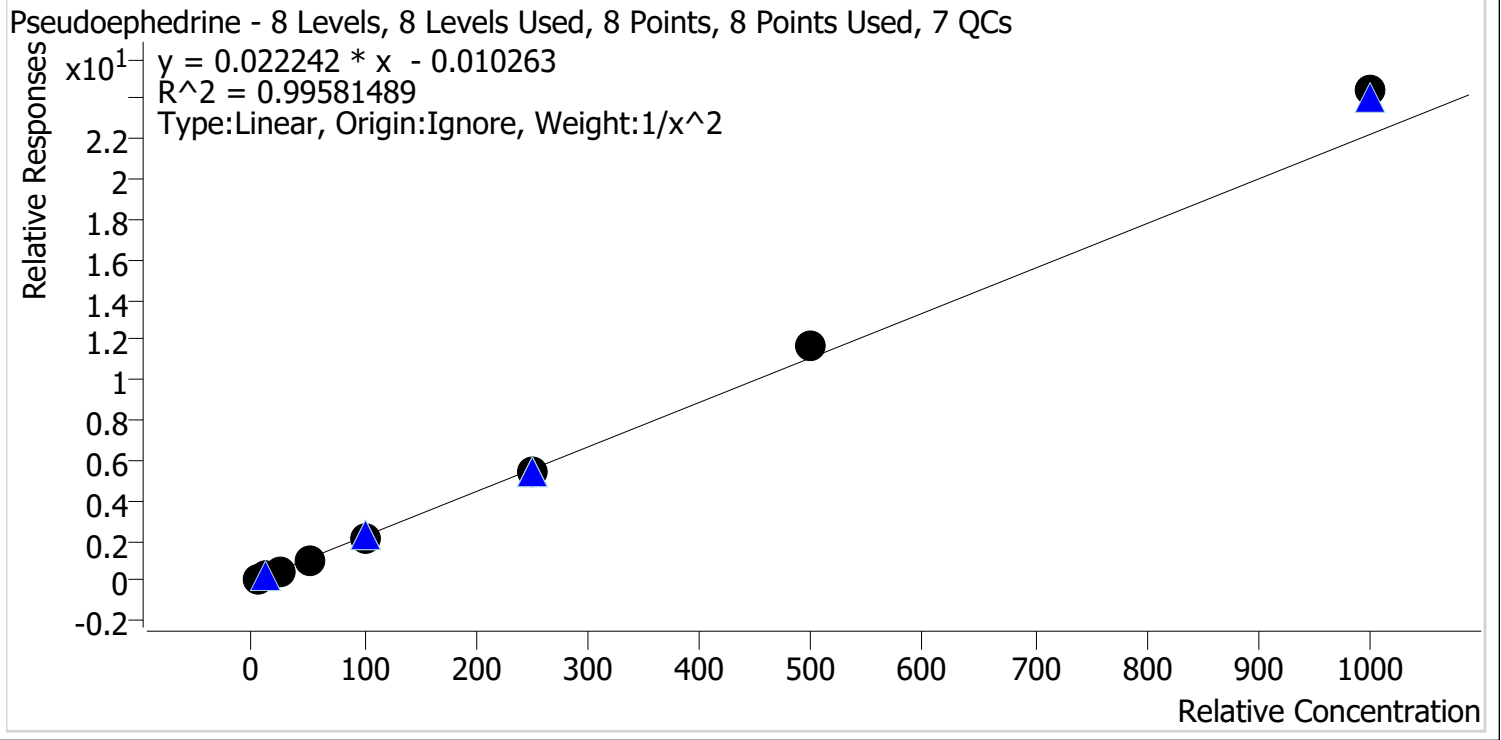


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	956.2	95.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

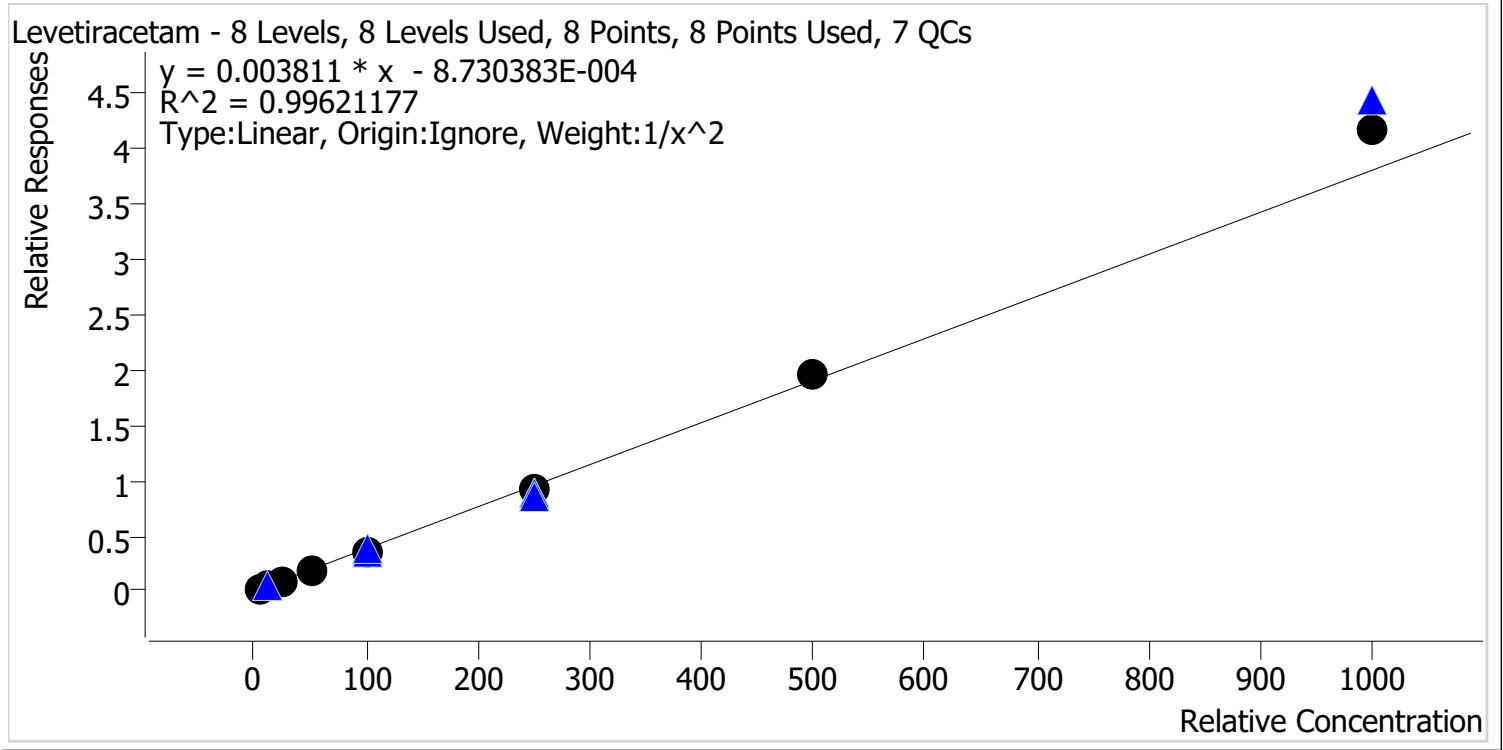


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	94.9	94.9
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	526.1	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1098.0	109.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

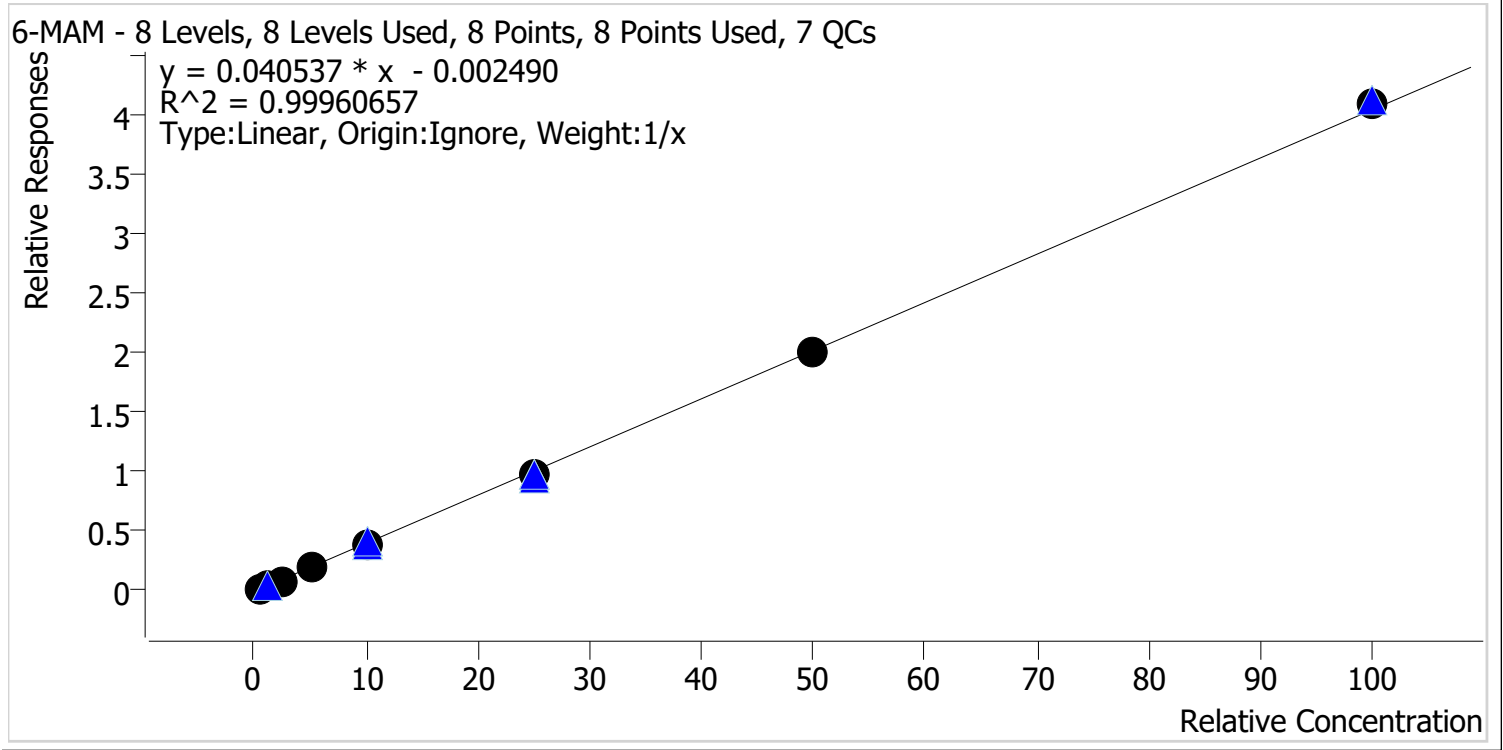


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1099.0	109.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

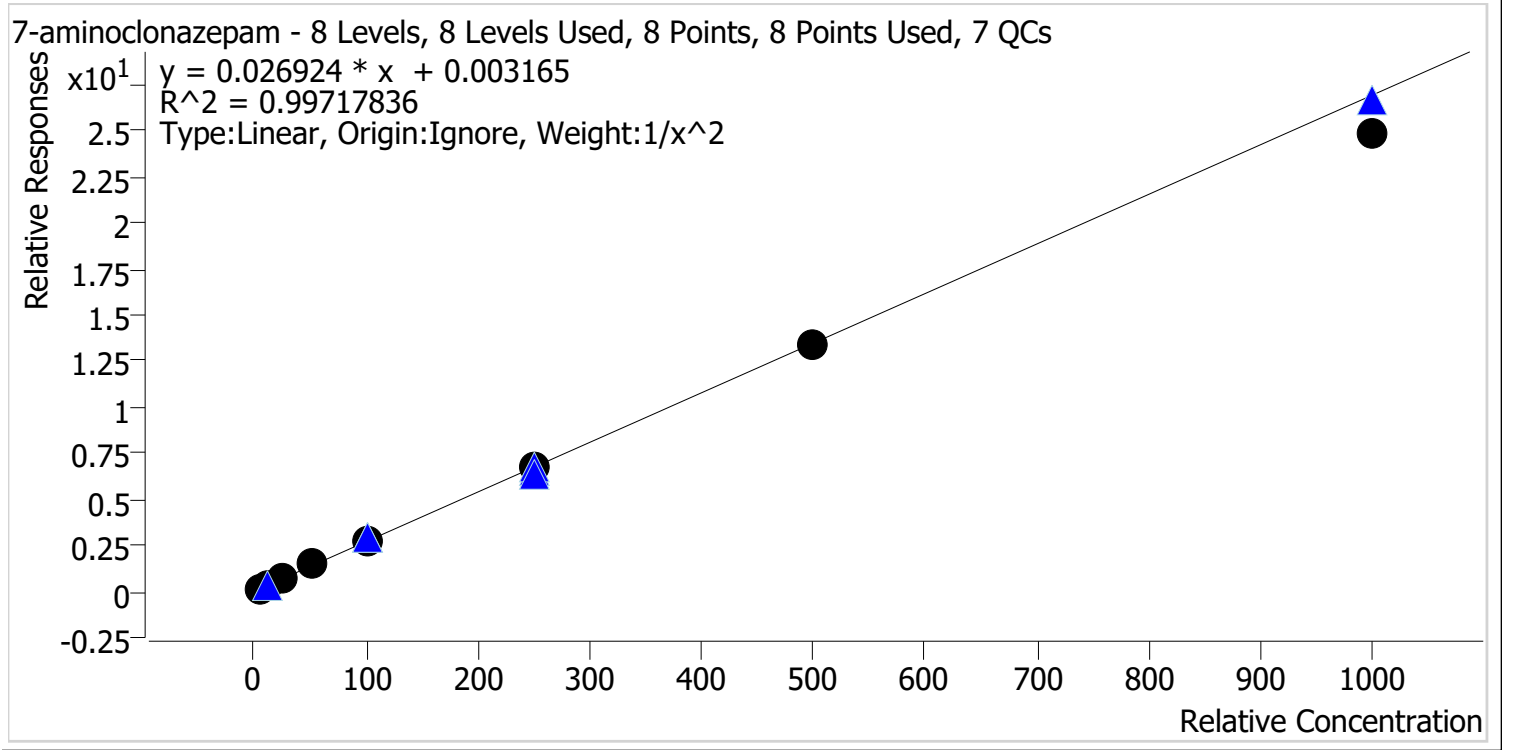


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	112.2
p1 Cal 2-10ng	2	✓	1.0	1.0	101.3
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.2
p1 Cal 4-50ng	4	✓	5.0	5.1	101.8
p1 Cal 5-100ng	5	✓	10.0	9.6	96.5
p1 Cal 6-250ng	6	✓	25.0	24.5	98.1
p1 Cal 7-500ng	7	✓	50.0	49.9	99.9
p1 Cal 8-1000ng	8	✓	100.0	101.0	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

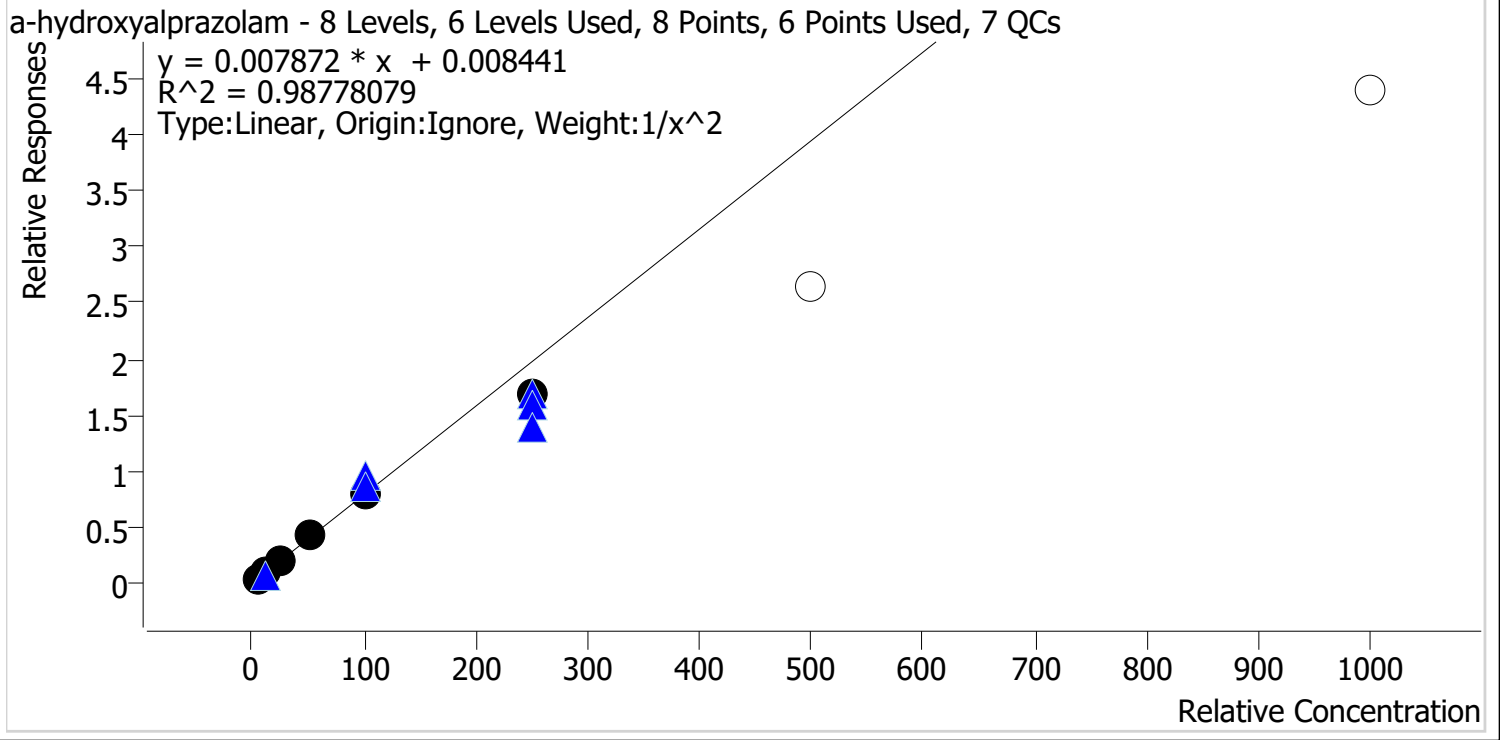


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	925.4	92.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	56.3	112.5
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	213.1	85.2
p1 Cal 7-500ng	7	✗	500.0	337.0	67.4
p1 Cal 8-1000ng	8	✗	1000.0	556.5	55.7

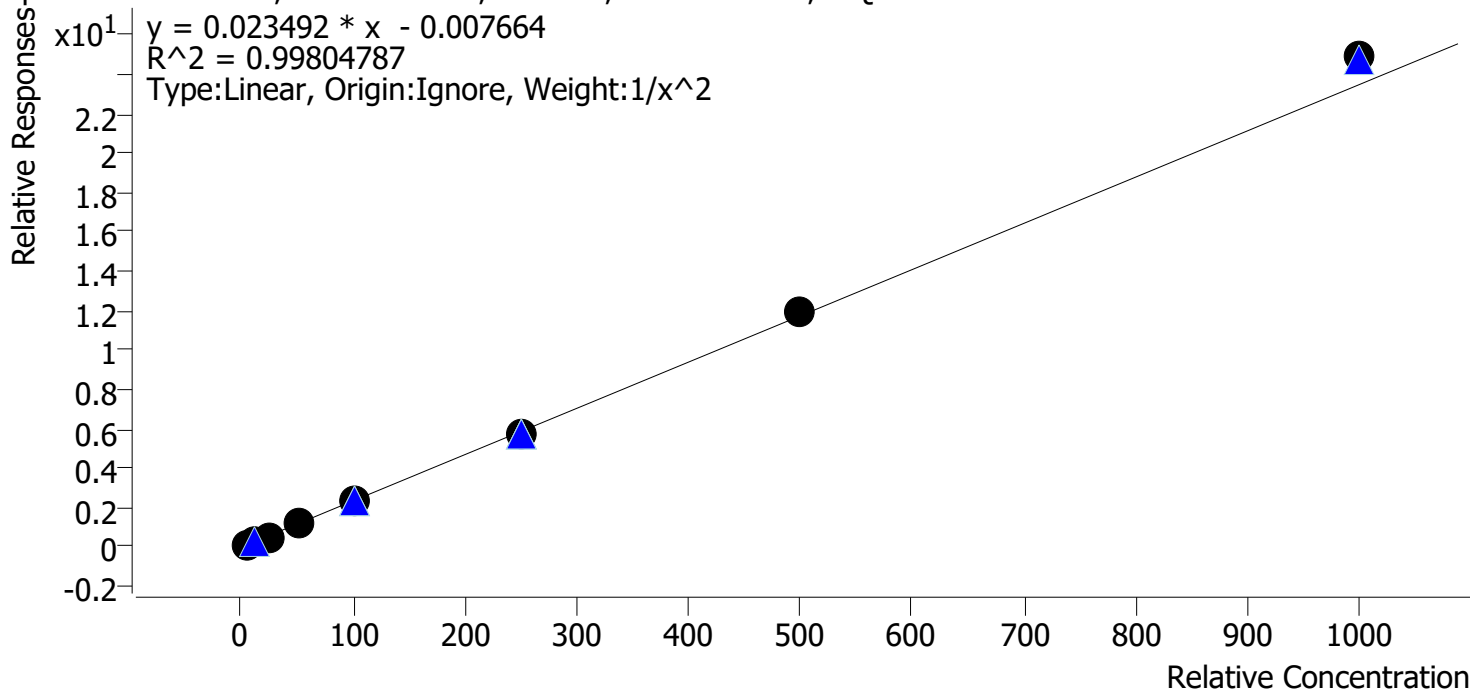
Calibrators 7 and 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs



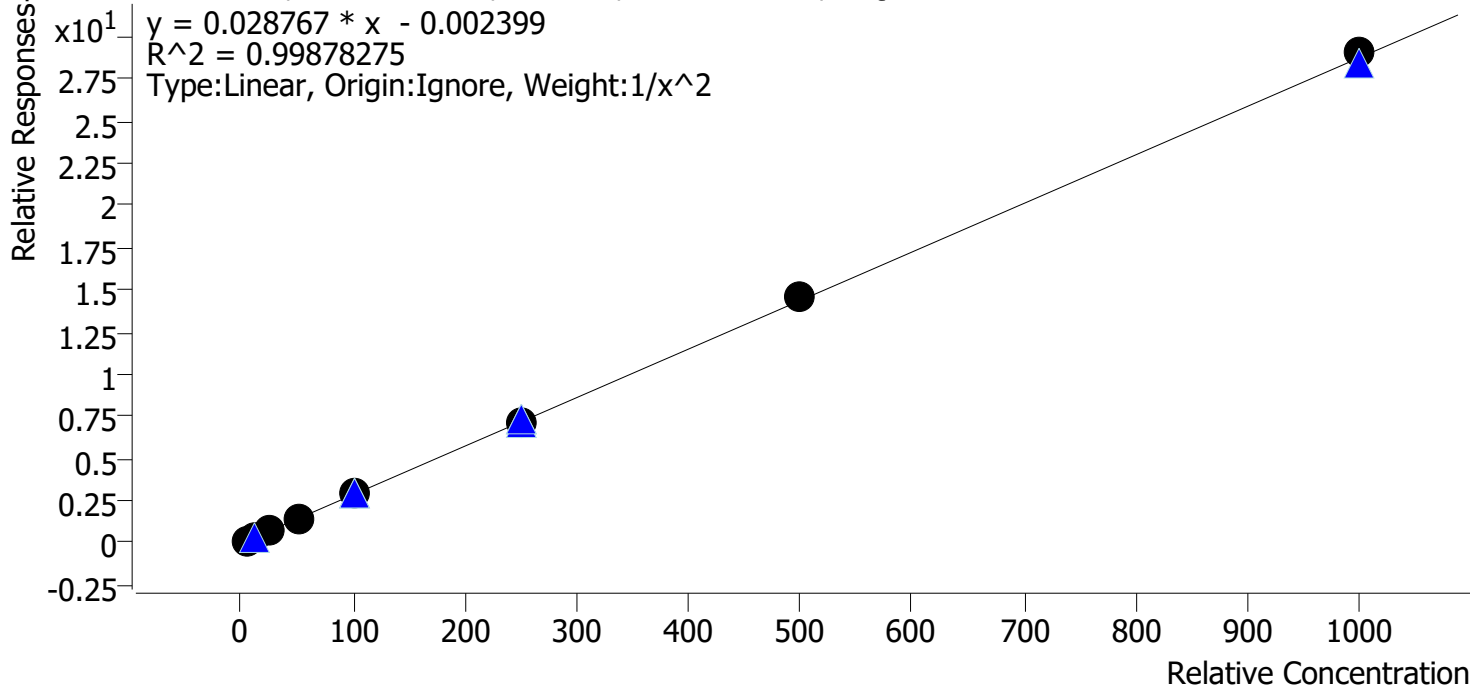
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	244.5	97.8
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1060.6	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

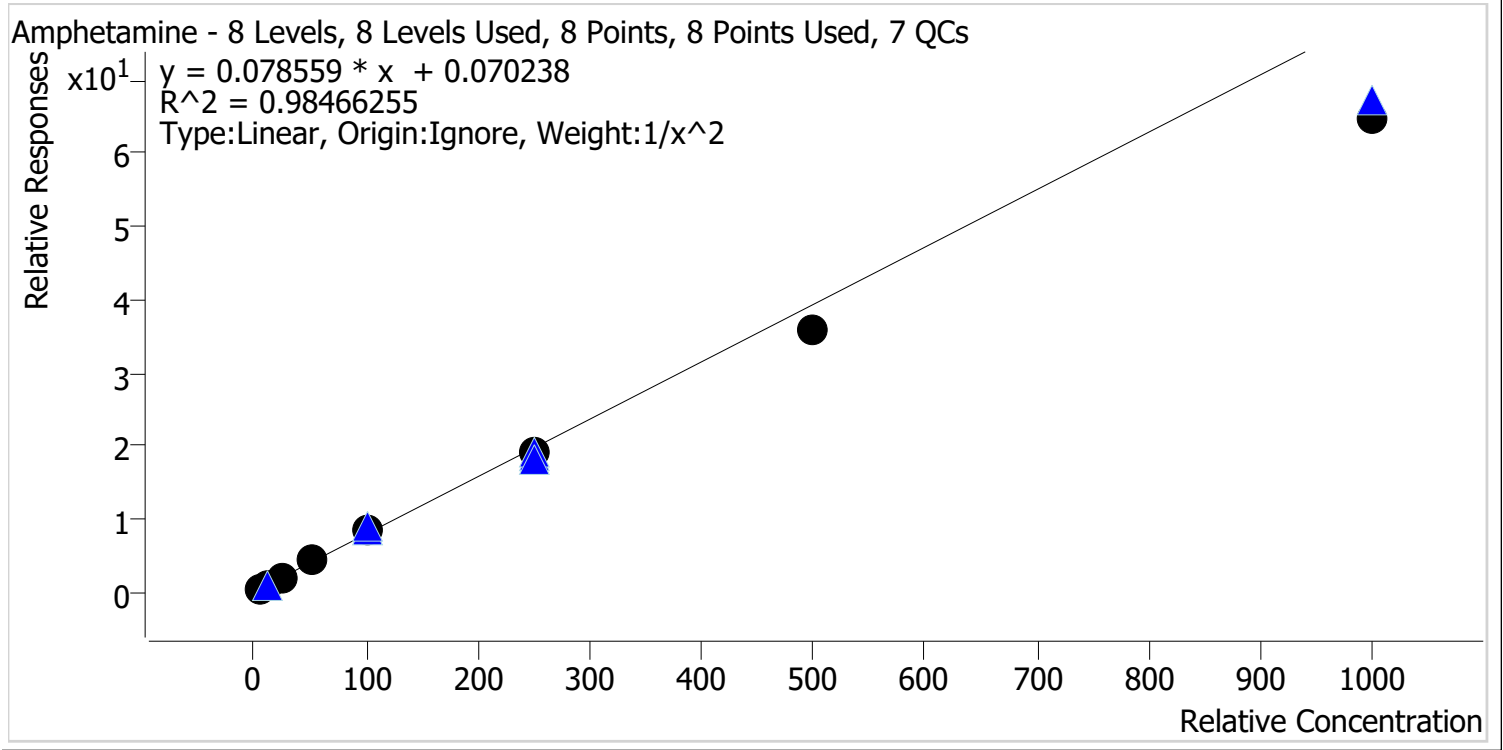


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	509.1	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1010.8	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

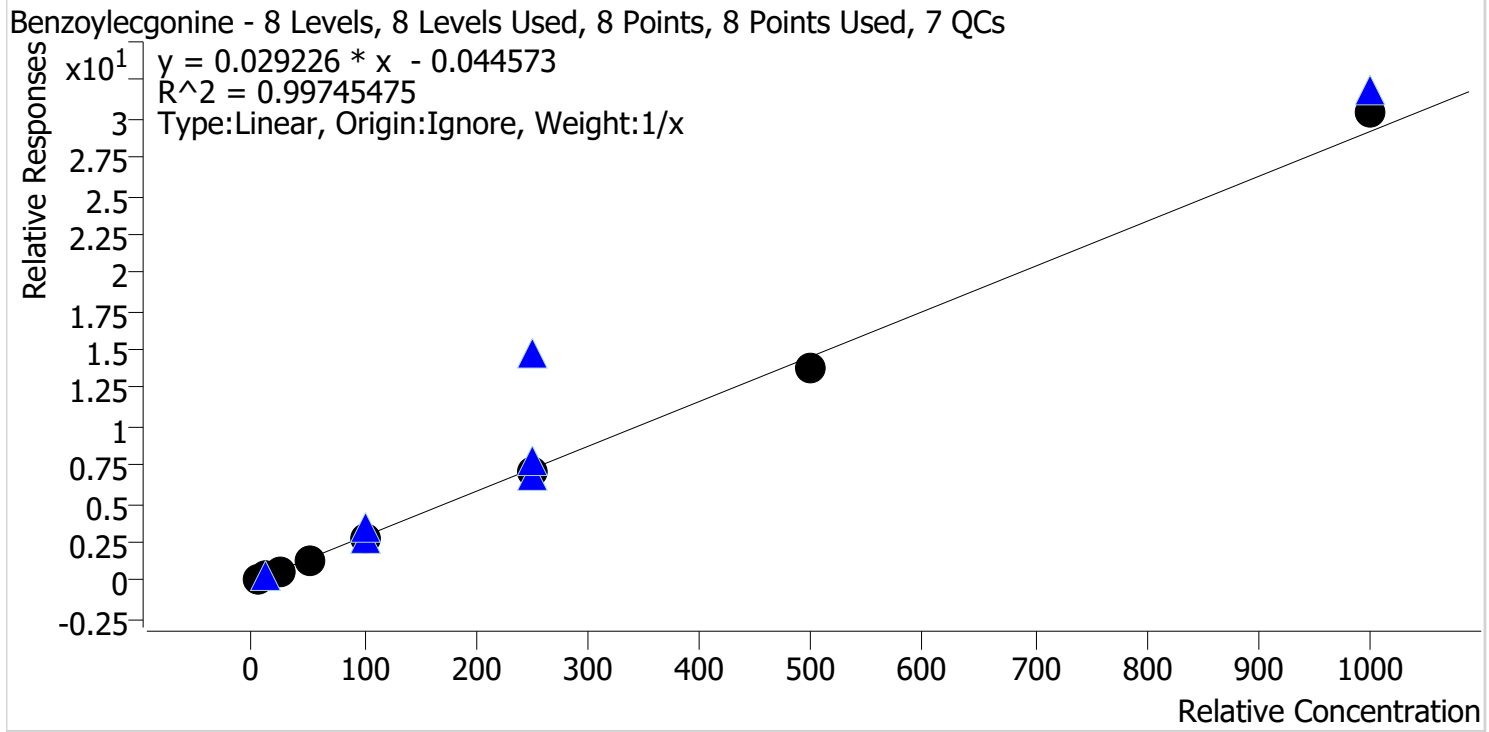


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	58.1	116.3
p1 Cal 5-100ng	5	✓	100.0	109.6	109.6
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	454.5	90.9
p1 Cal 8-1000ng	8	✓	1000.0	824.5	82.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

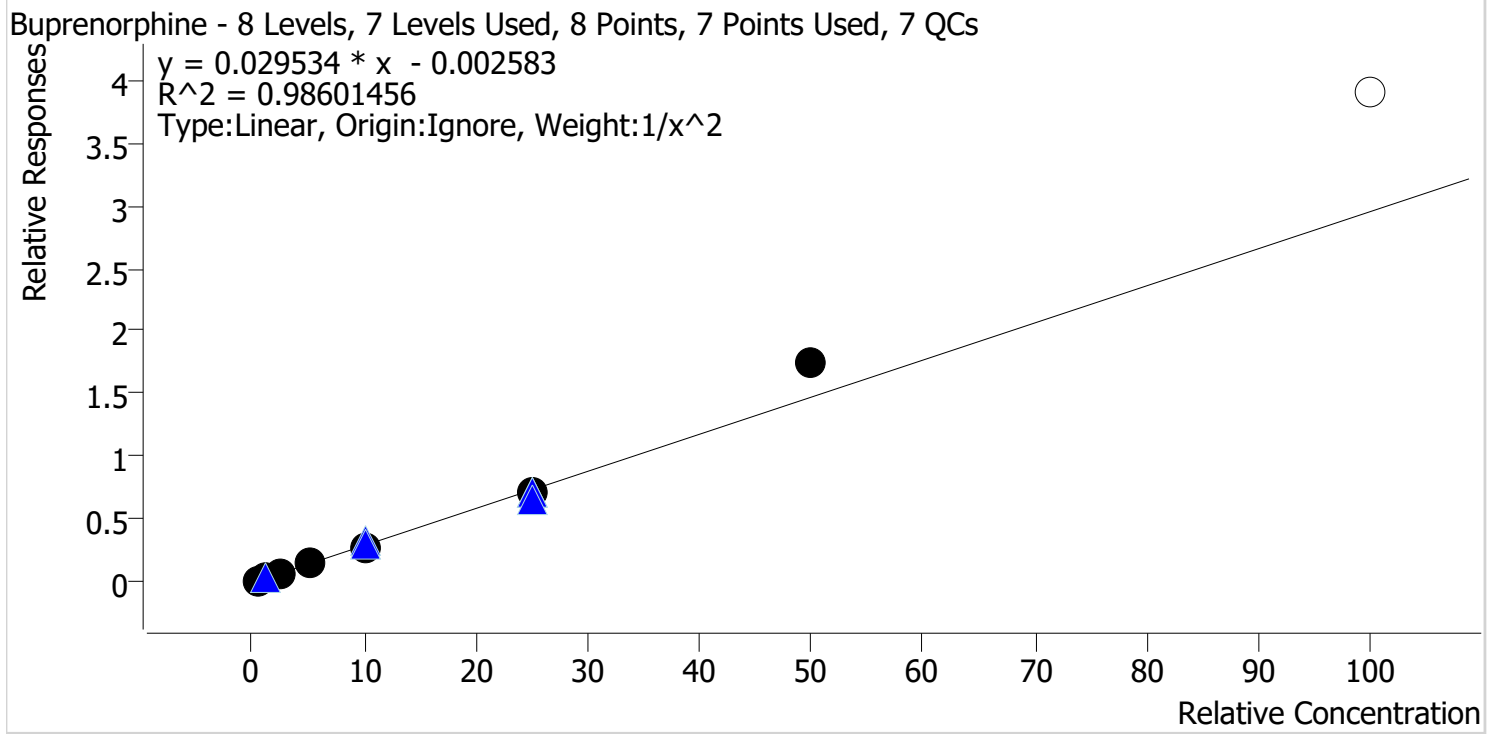


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.0	119.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	45.9	91.7
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	470.4	94.1
p1 Cal 8-1000ng	8	✓	1000.0	1043.3	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



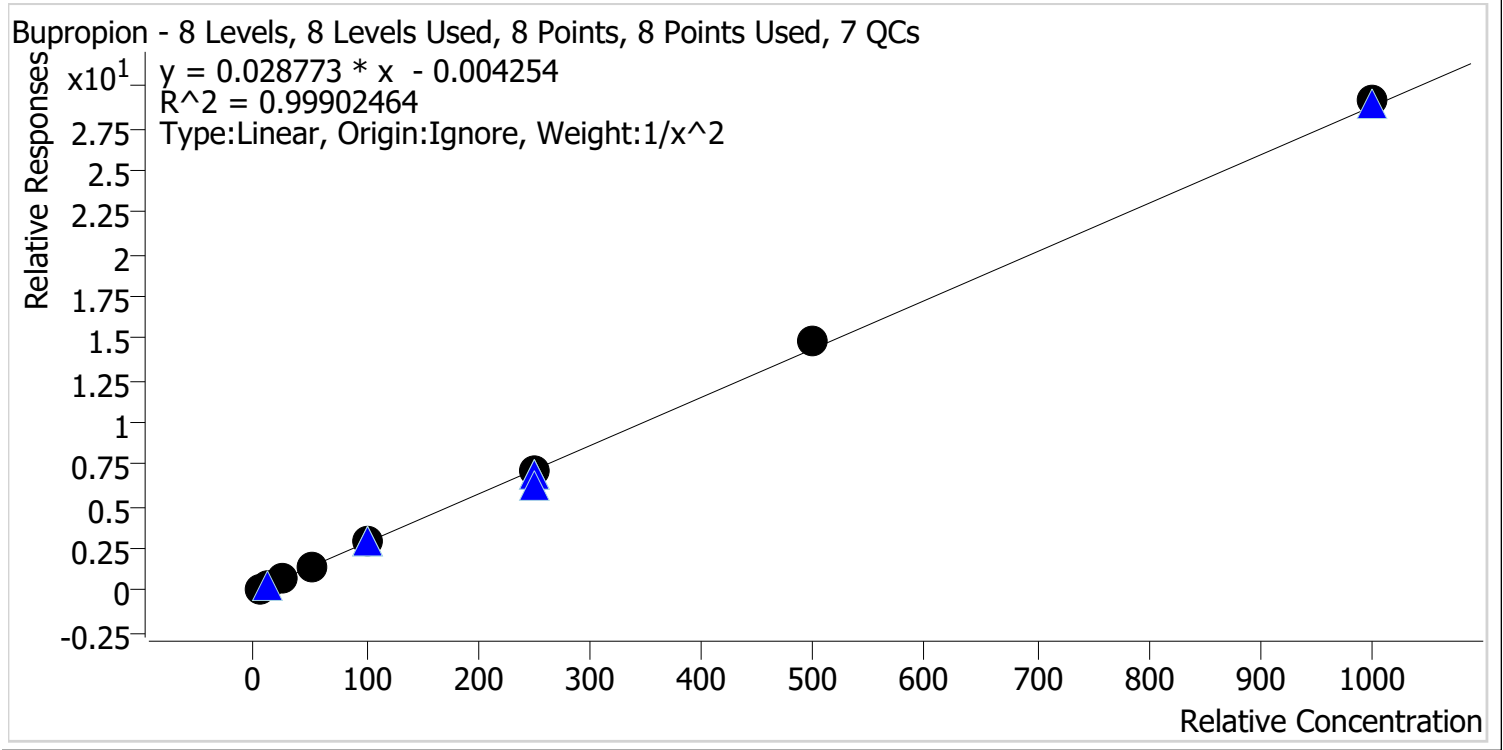
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.6
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.1	85.8
p1 Cal 4-50ng	4	✓	5.0	5.0	100.2
p1 Cal 5-100ng	5	✓	10.0	9.6	95.5
p1 Cal 6-250ng	6	✓	25.0	24.6	98.6
p1 Cal 7-500ng	7	✓	50.0	59.4	118.8
p1 Cal 8-1000ng	8	✗	100.0	132.0	132.0

Calibrator 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

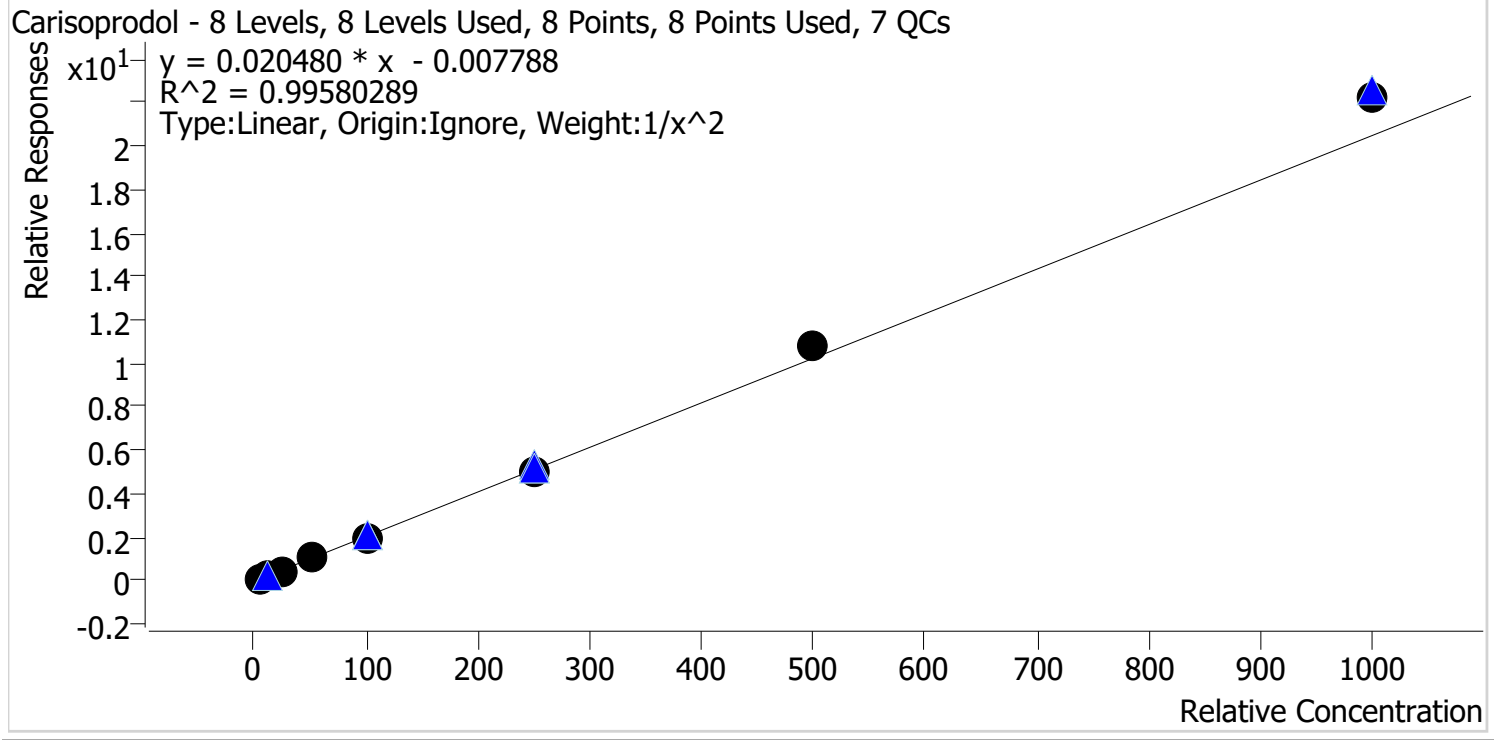


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	244.9	97.9
p1 Cal 7-500ng	7	✓	500.0	512.4	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1012.1	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



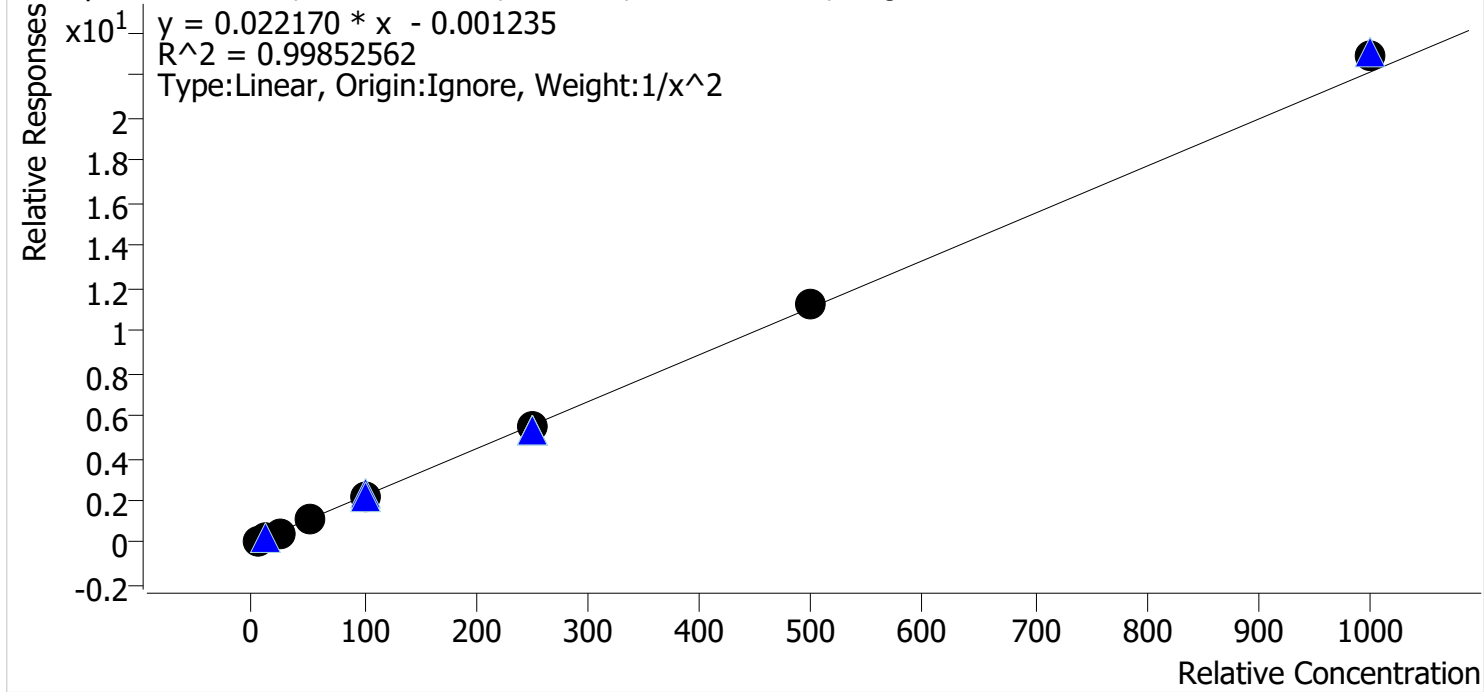
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.3
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	524.1	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1087.3	108.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

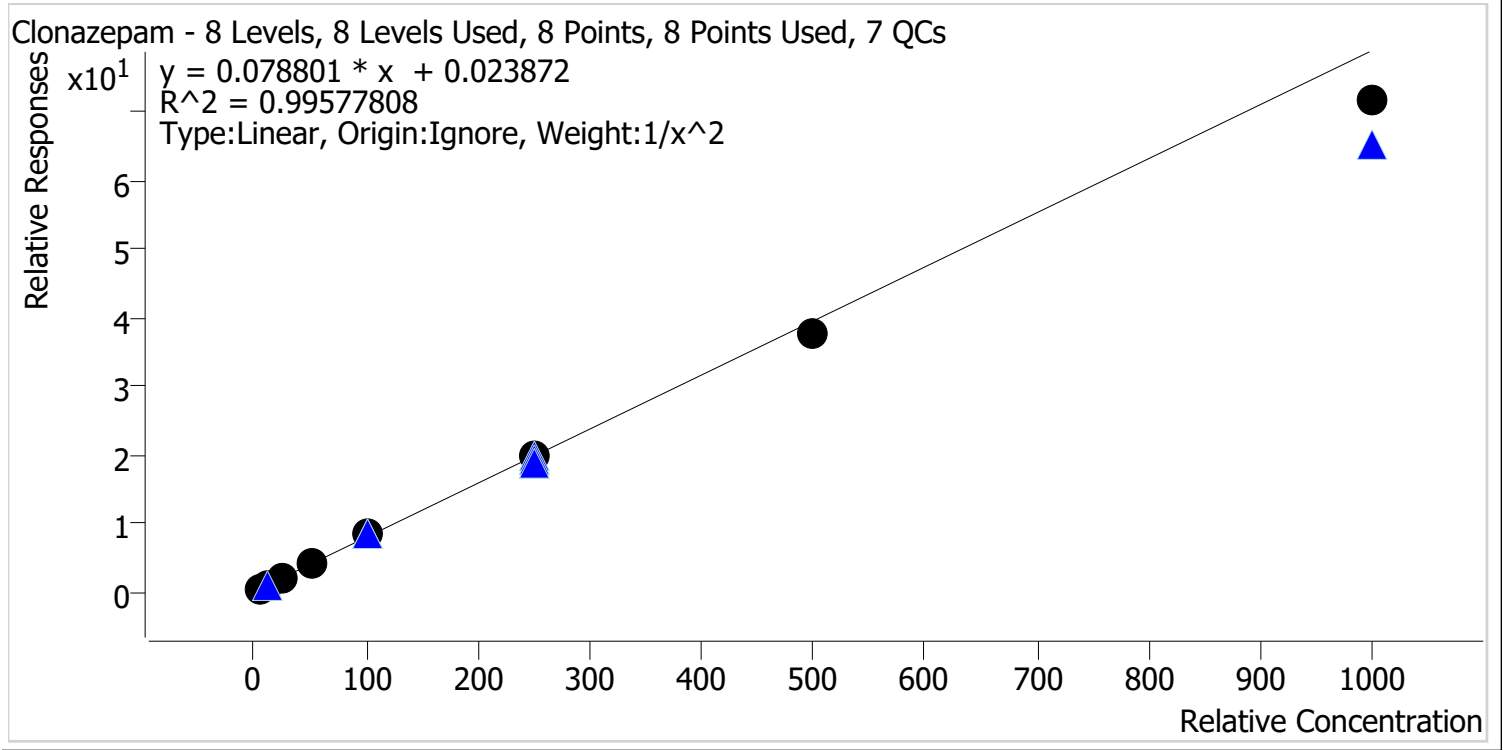


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1034.5	103.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

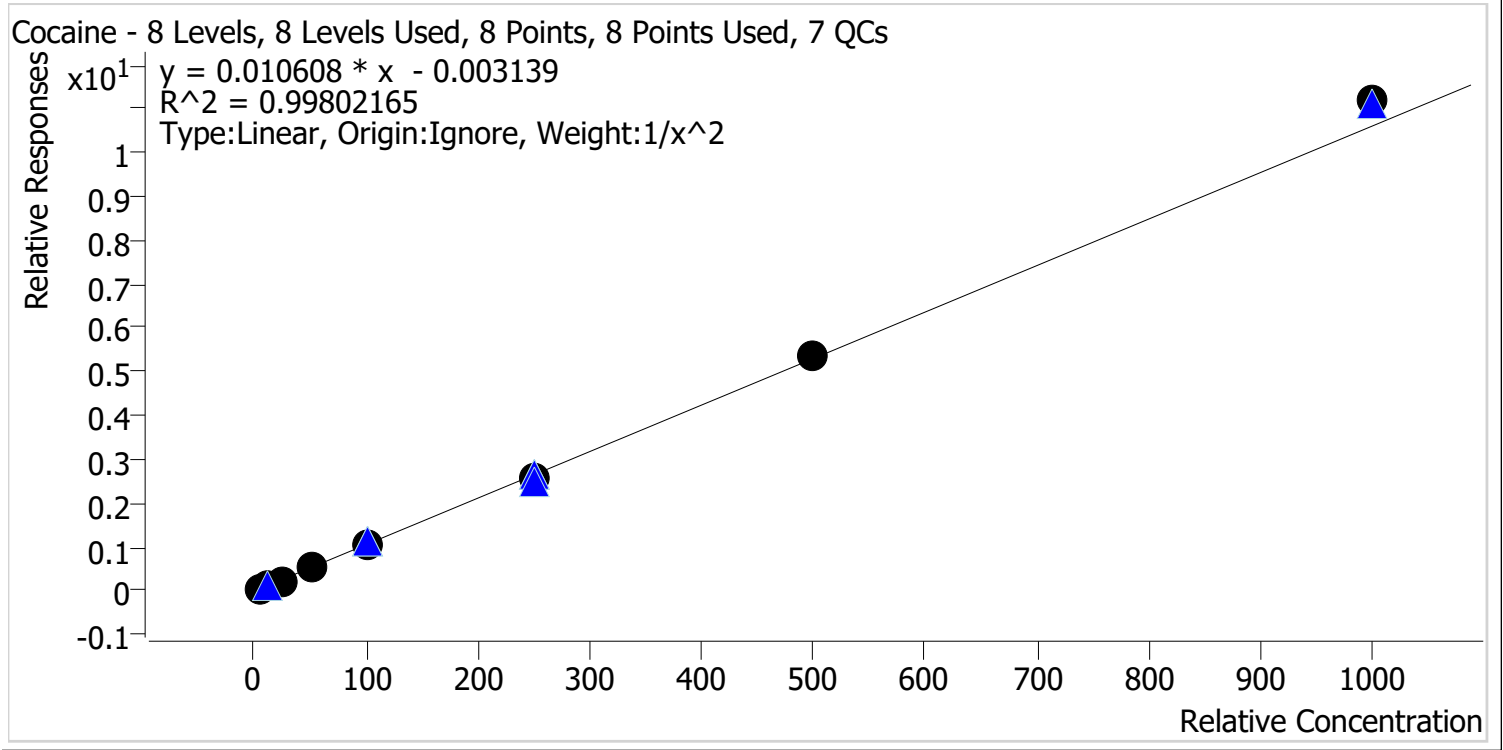


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	475.2	95.0
p1 Cal 8-1000ng	8	✓	1000.0	907.4	90.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

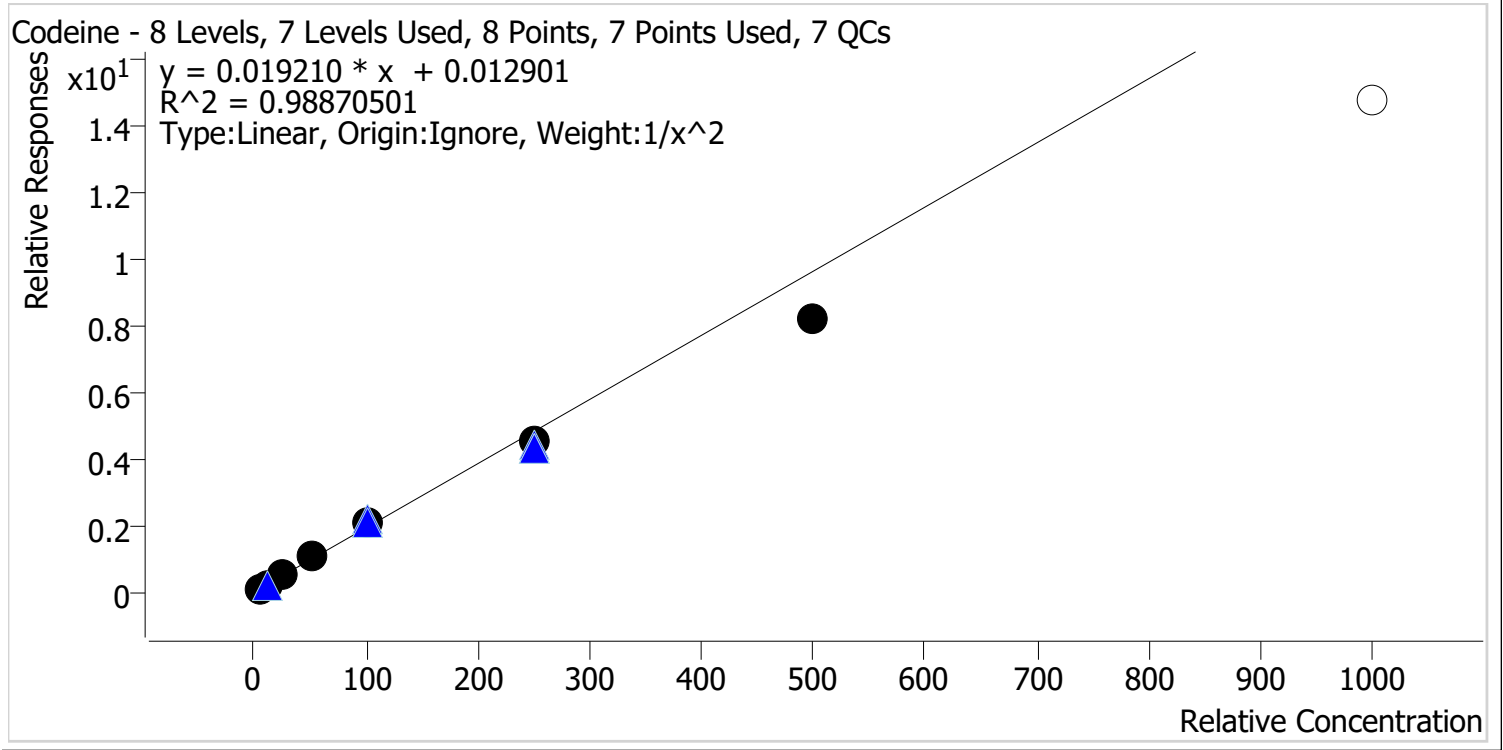


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1054.8	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 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	97.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	56.4	112.7
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	233.9	93.6
p1 Cal 7-500ng	7	✓	500.0	425.4	85.1
p1 Cal 8-1000ng	8	✗	1000.0	766.0	76.6

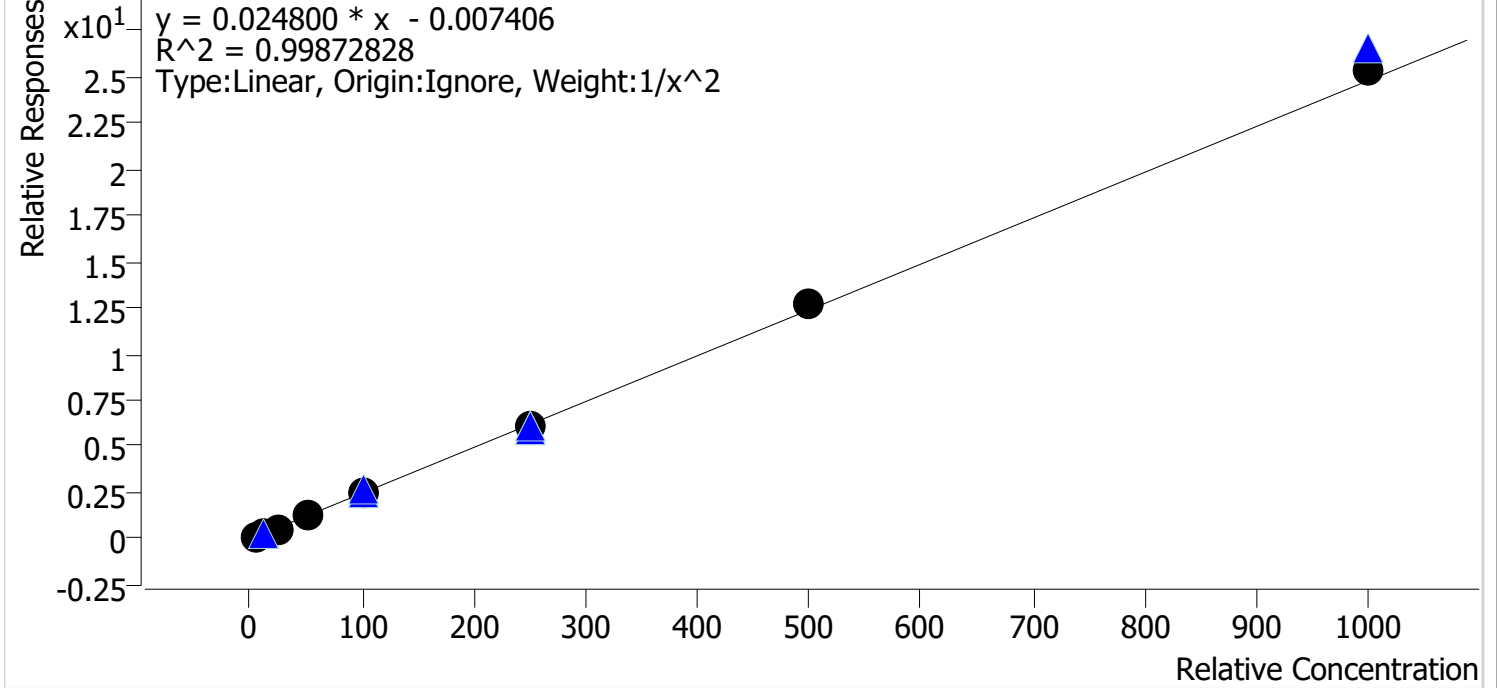
Calibrator 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

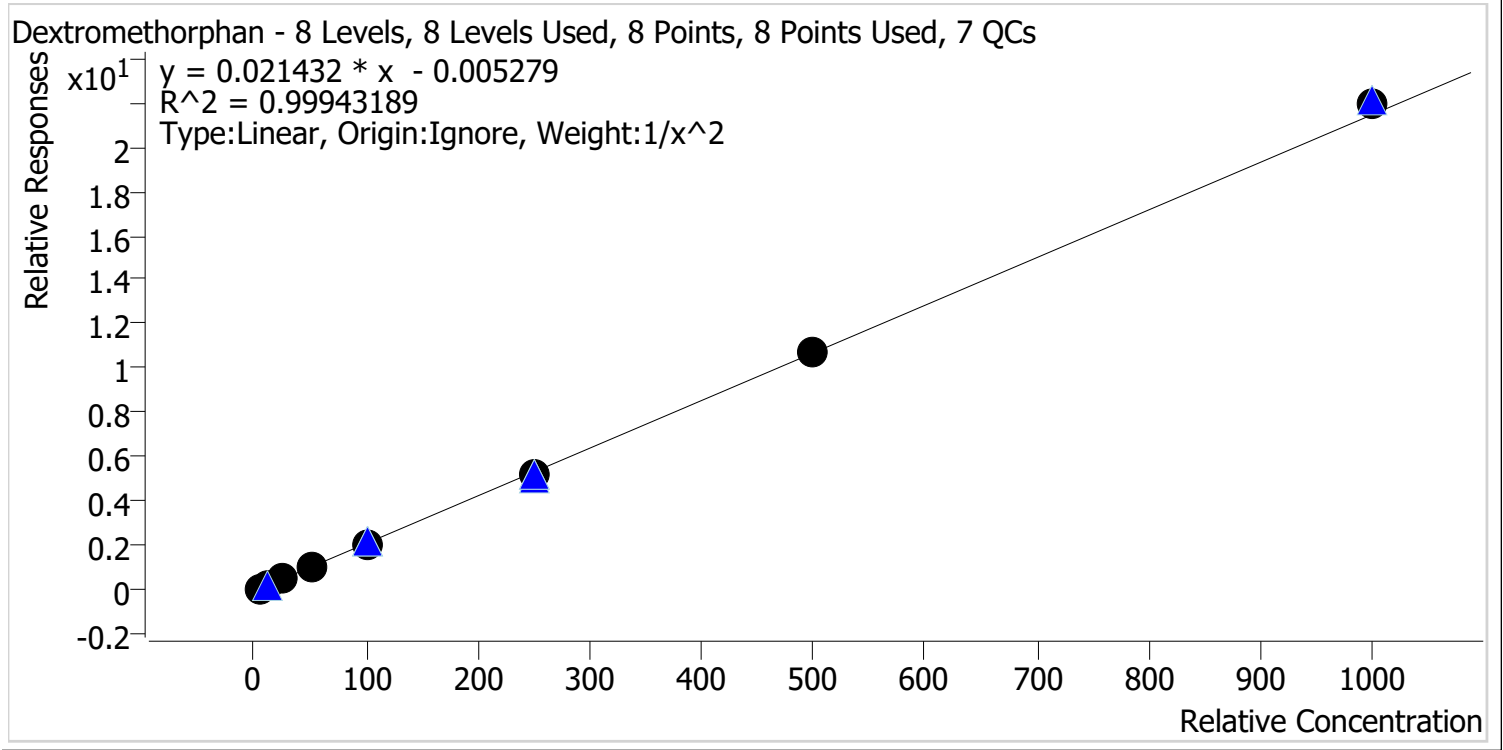


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	516.7	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1020.0	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

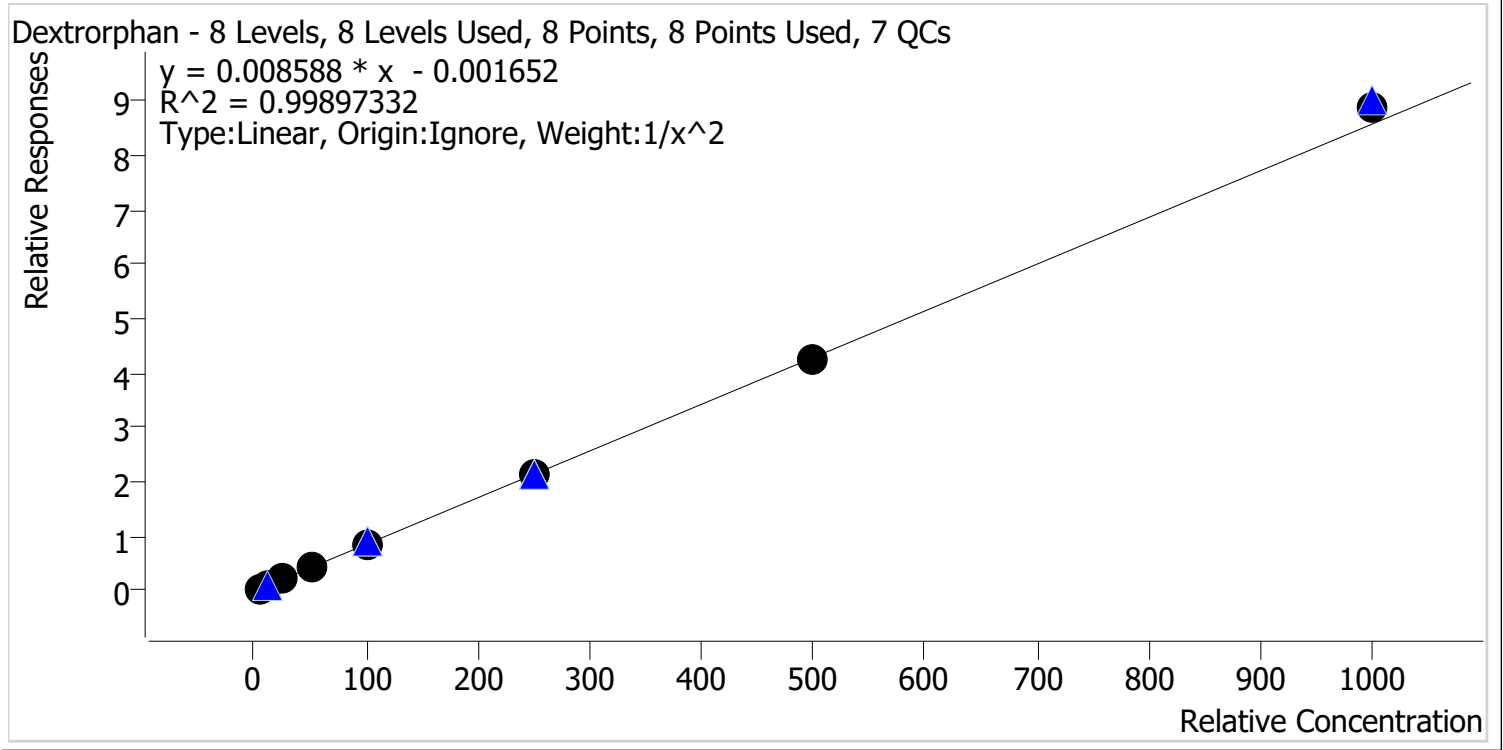


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1019.4	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

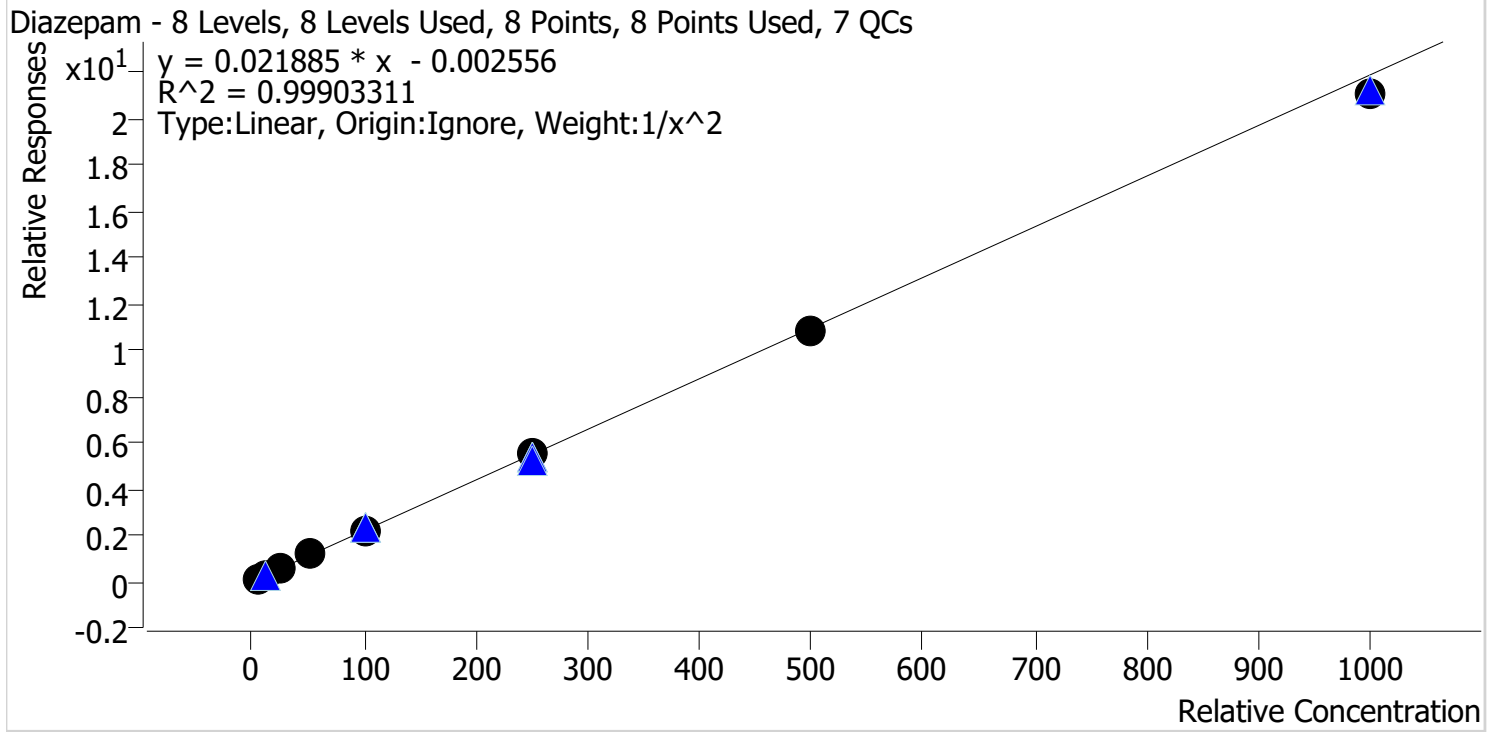


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1032.3	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



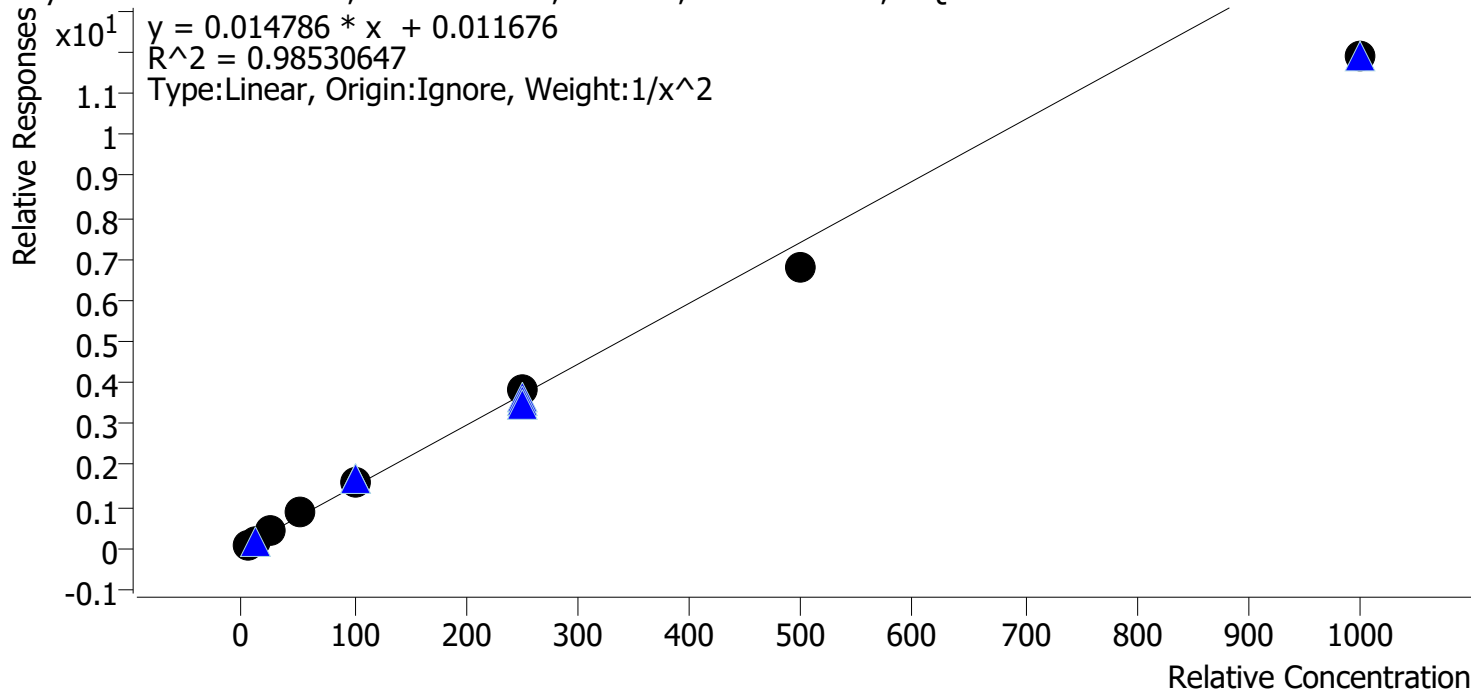
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
p1 Cal 8-1000ng	8	✓	1000.0	966.2	96.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

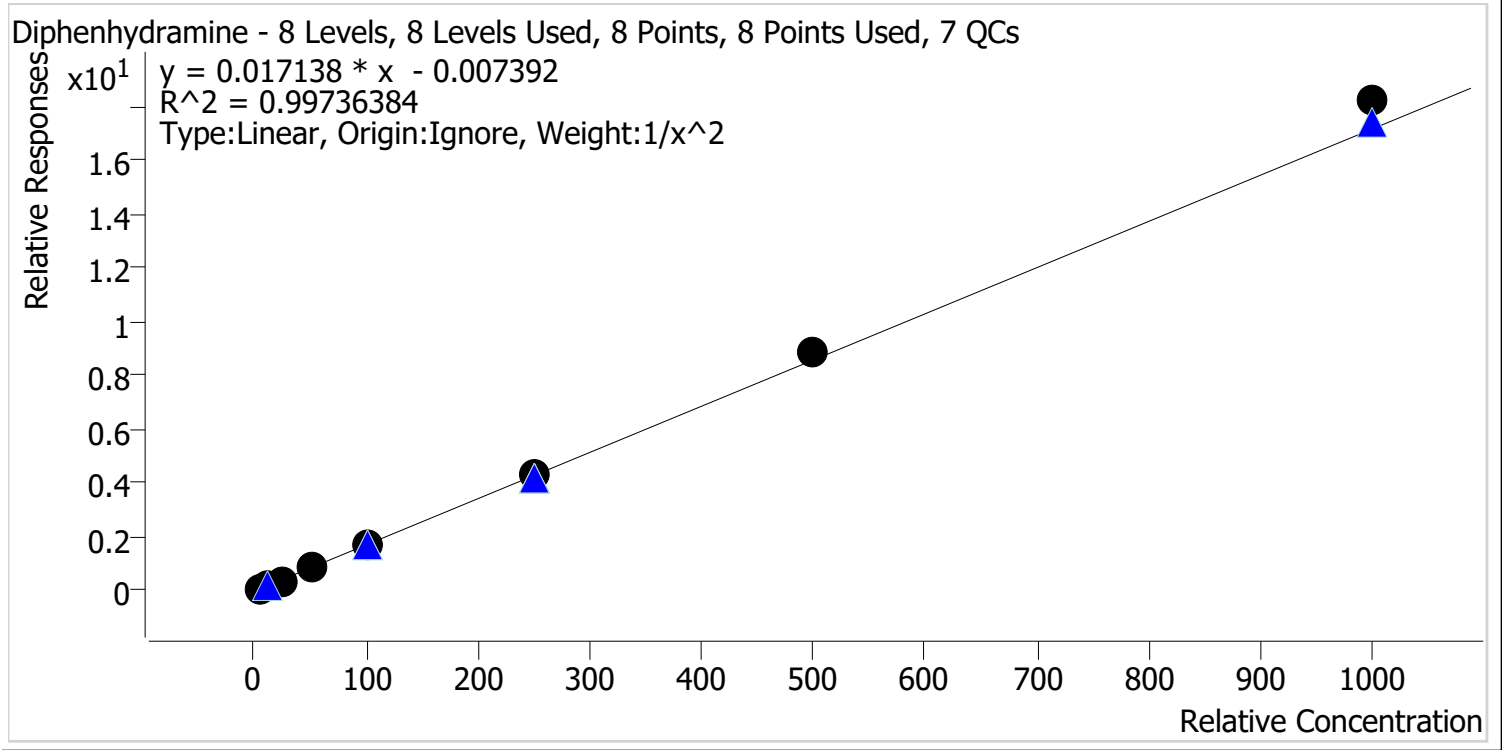


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	57.2	114.4
p1 Cal 5-100ng	5	✓	100.0	109.2	109.2
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	457.0	91.4
p1 Cal 8-1000ng	8	✓	1000.0	803.2	80.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

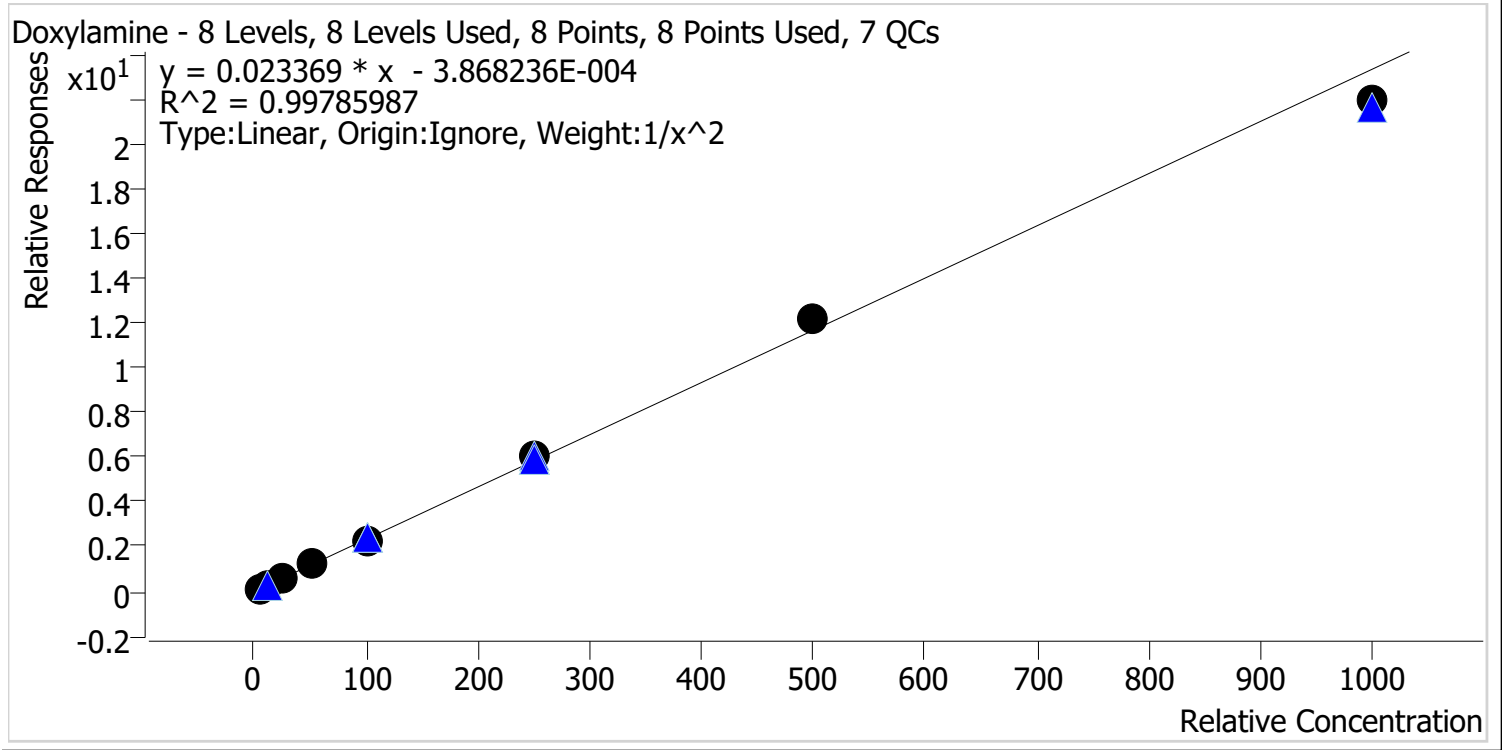


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1061.5	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

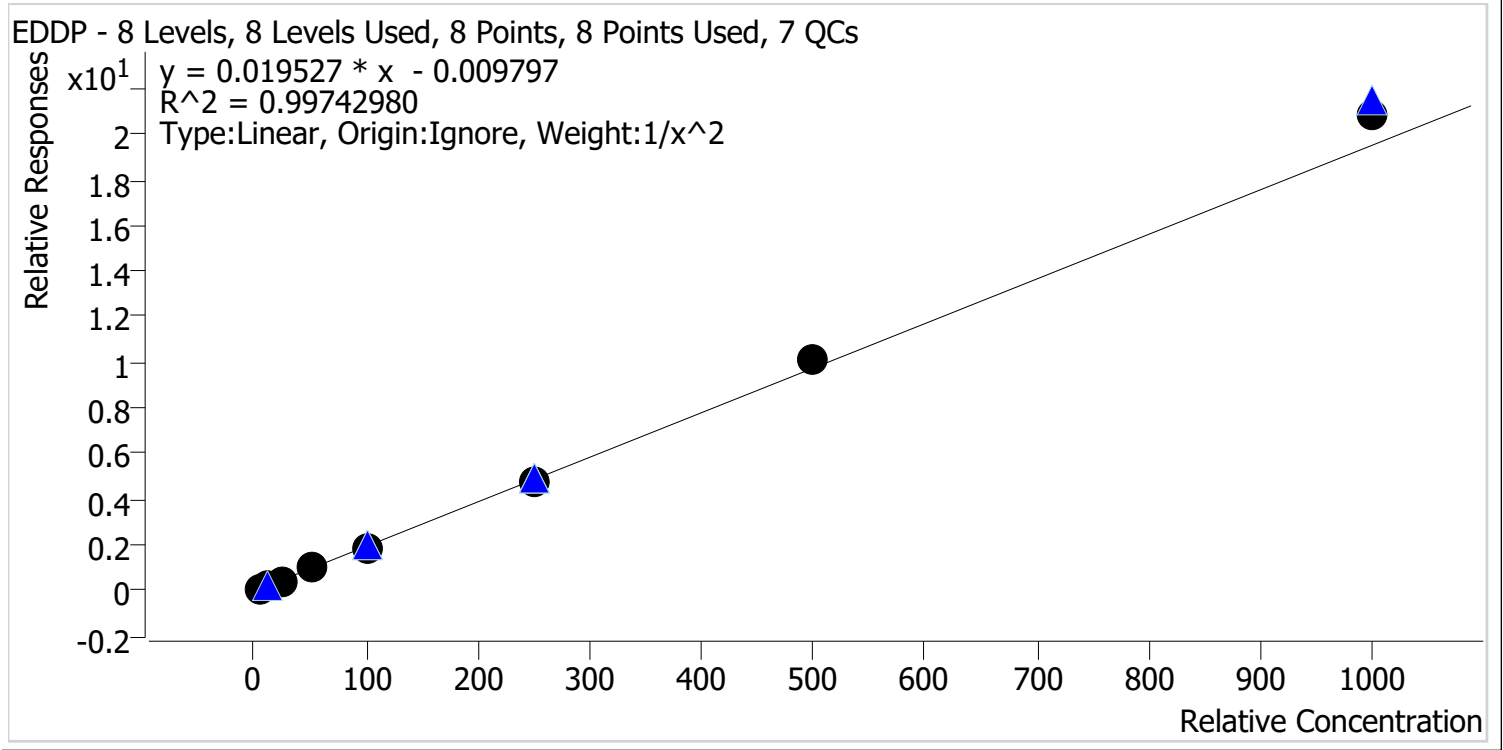


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	939.9	94.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

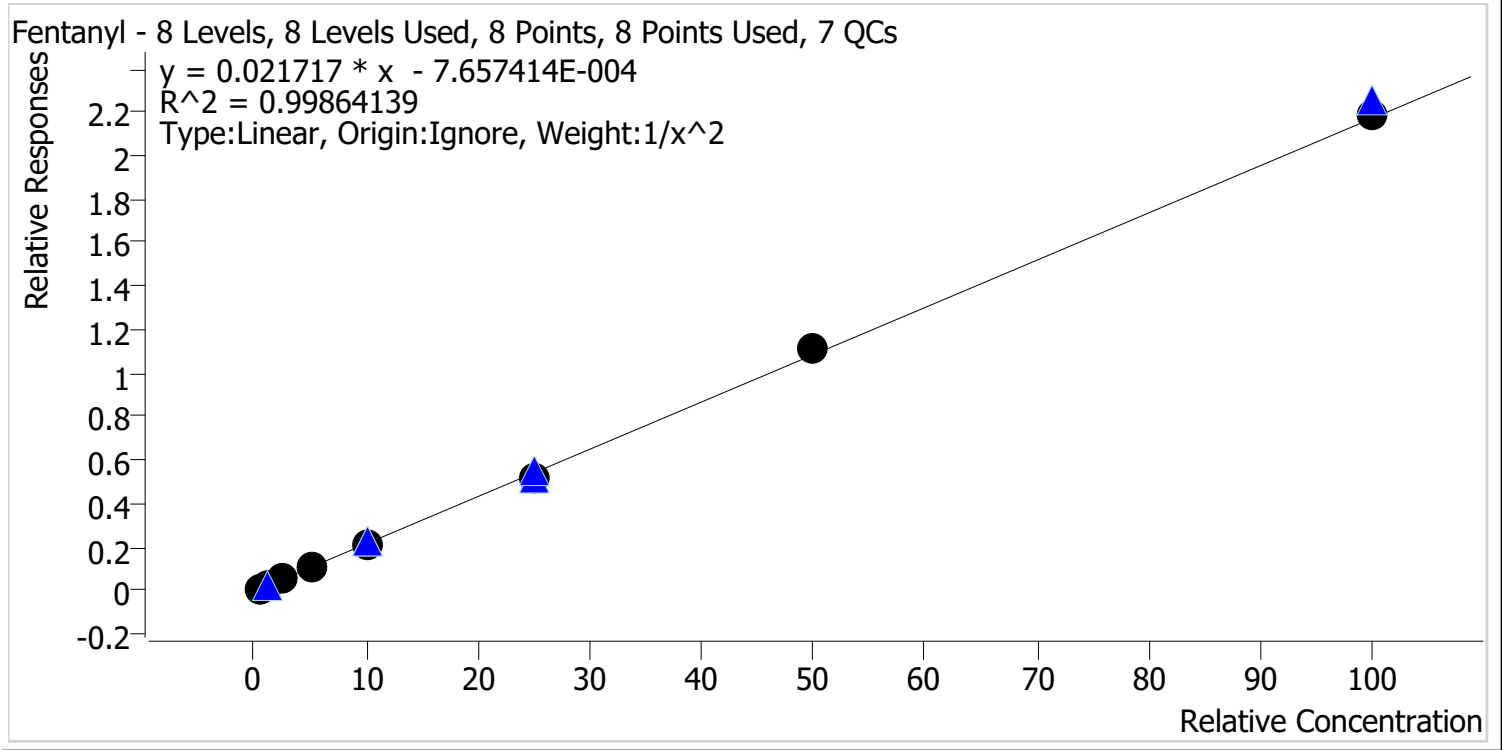


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.2	93.0
p1 Cal 4-50ng	4	✓	50.0	49.8	99.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	521.6	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1070.5	107.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

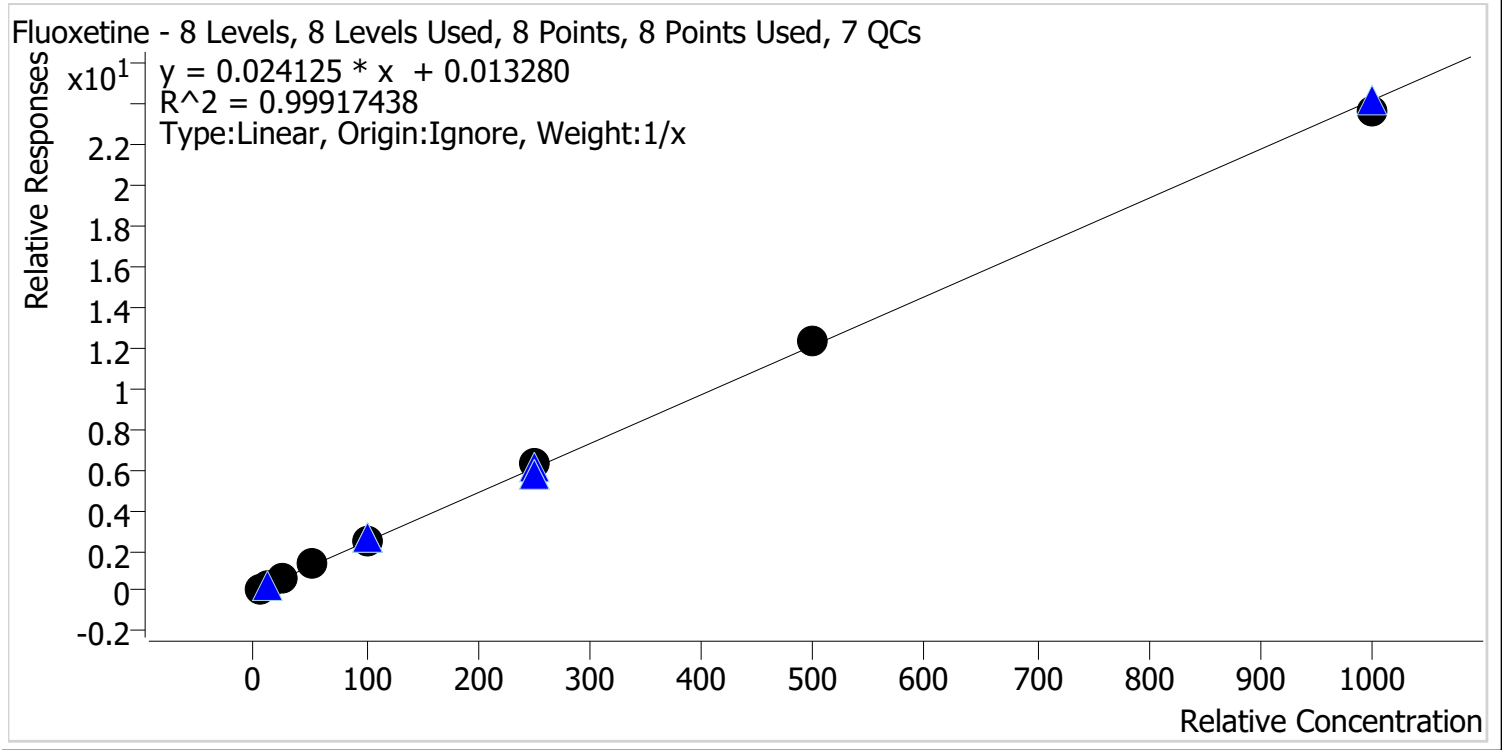


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.0
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.6
p1 Cal 4-50ng	4	✓	5.0	5.2	104.0
p1 Cal 5-100ng	5	✓	10.0	9.9	99.3
p1 Cal 6-250ng	6	✓	25.0	23.8	95.4
p1 Cal 7-500ng	7	✓	50.0	51.7	103.5
p1 Cal 8-1000ng	8	✓	100.0	101.0	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

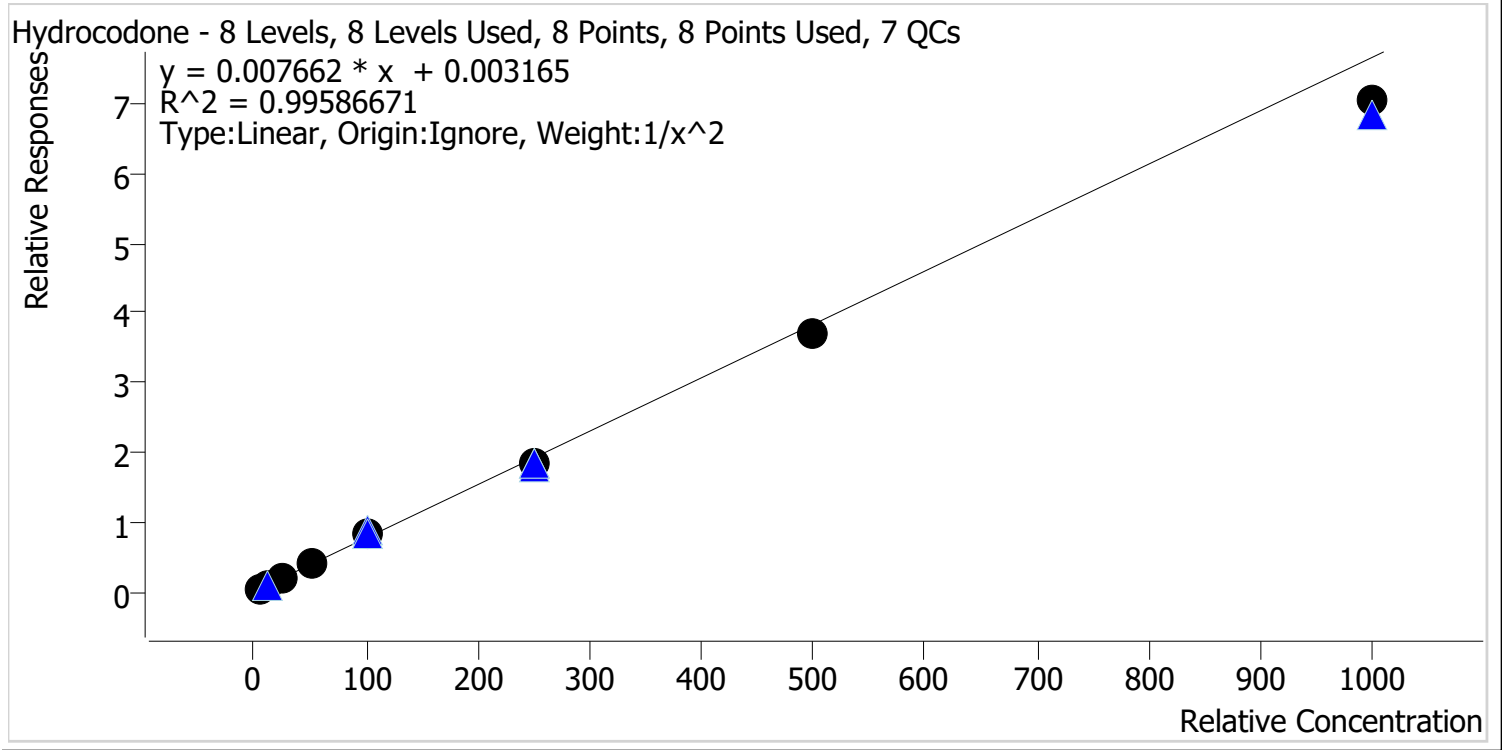


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	89.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	259.4	103.8
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	976.6	97.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



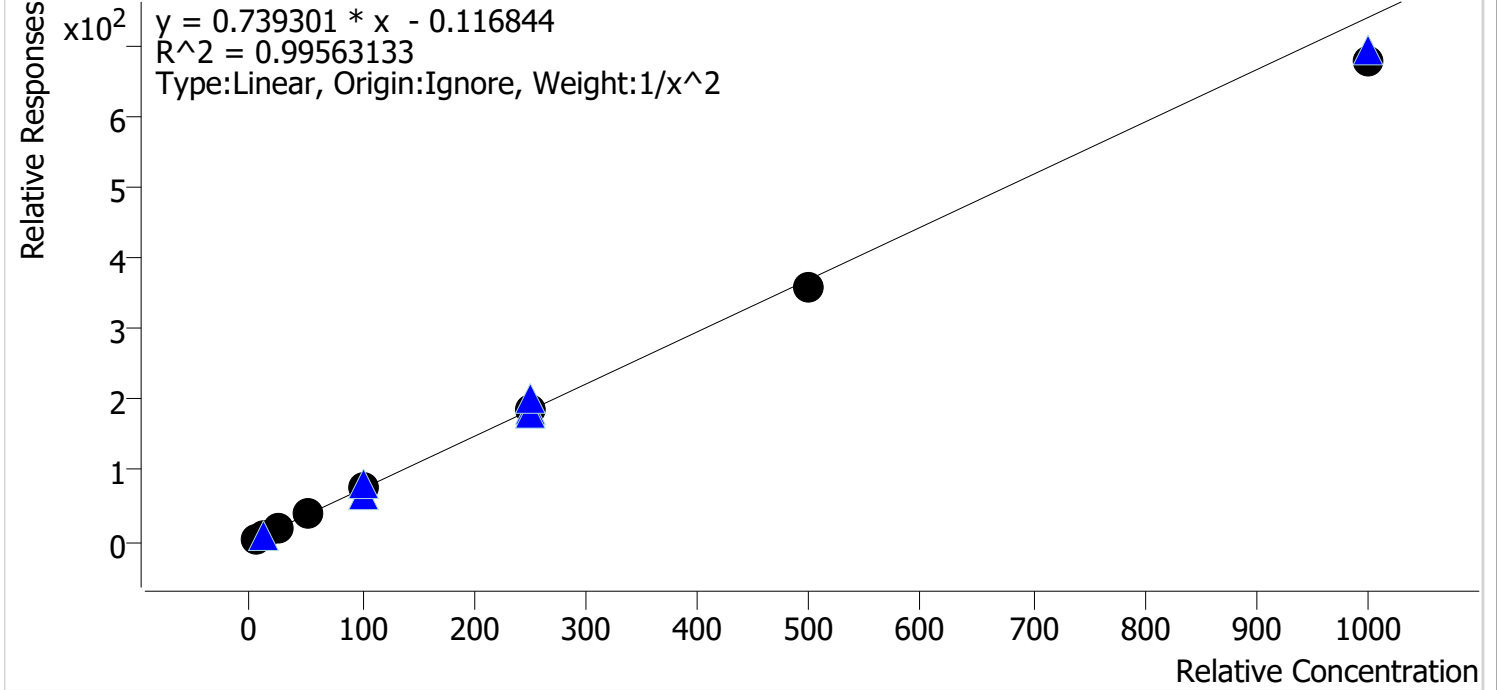
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	240.8	96.3
p1 Cal 7-500ng	7	✓	500.0	482.6	96.5
p1 Cal 8-1000ng	8	✓	1000.0	919.1	91.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Morphine-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

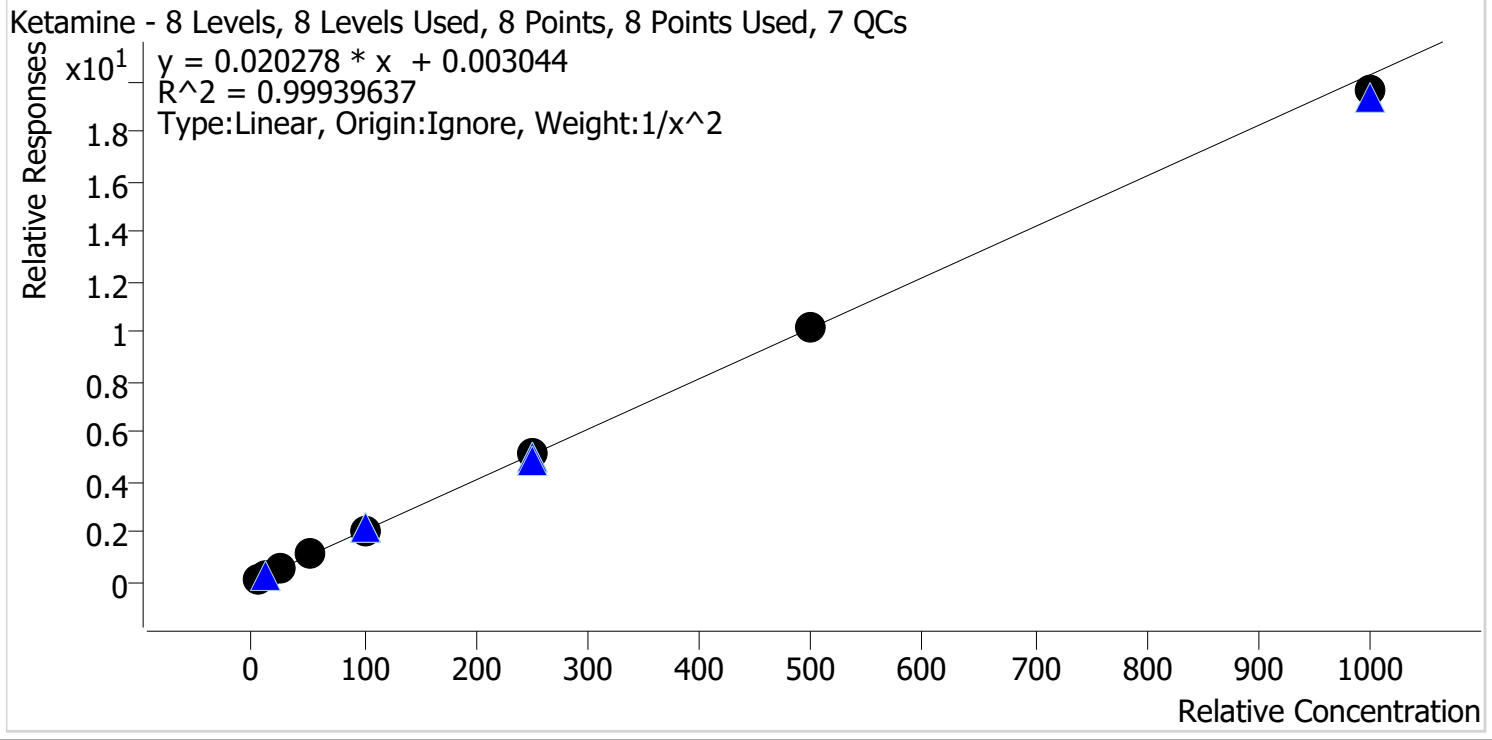


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	54.5	108.9
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	486.2	97.2
p1 Cal 8-1000ng	8	✓	1000.0	918.2	91.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

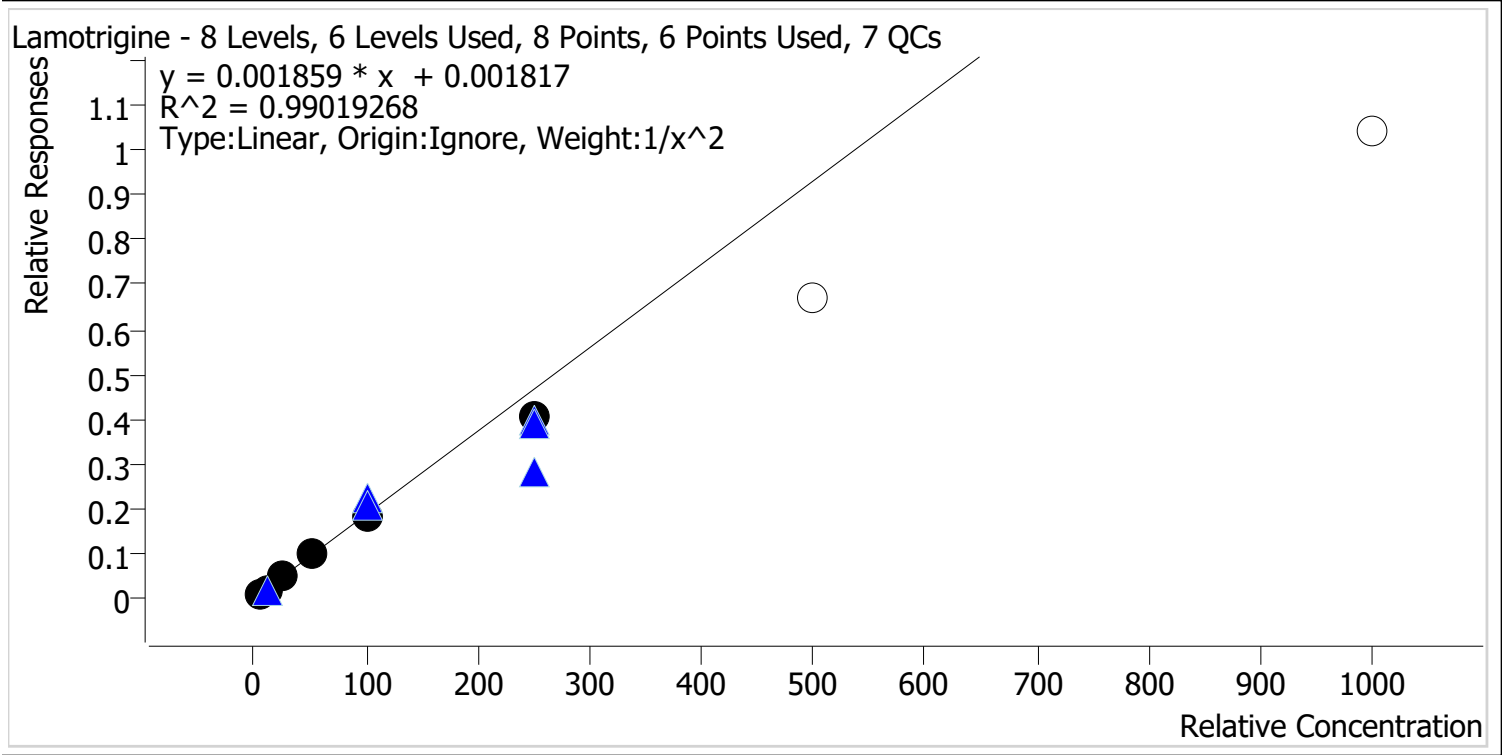


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	968.8	96.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



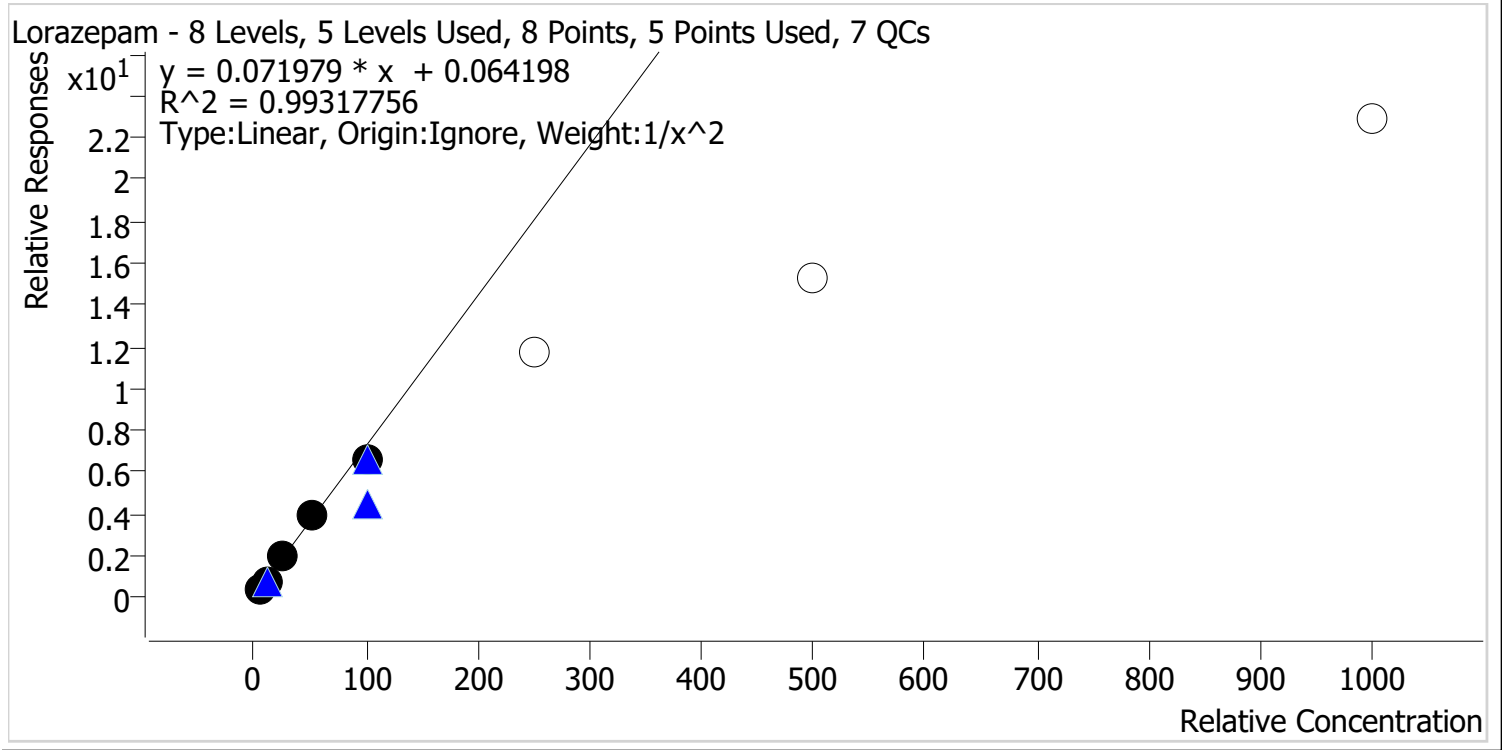
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	55.1	110.3
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	219.3	87.7
p1 Cal 7-500ng	7	x	500.0	358.2	71.6
p1 Cal 8-1000ng	8	x	1000.0	559.4	55.9

Calibrators 7 and 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



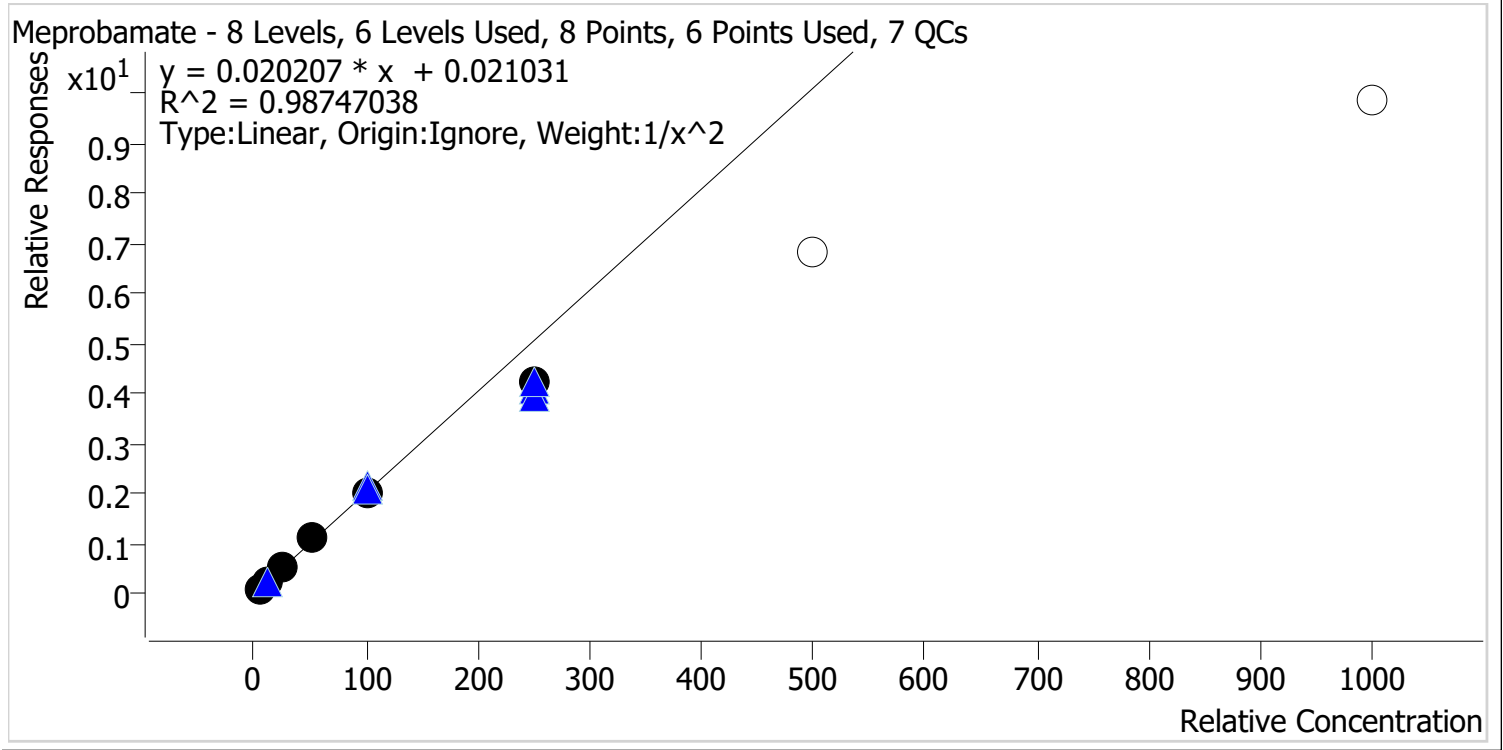
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	90.0	90.0
p1 Cal 6-250ng	6	✗	250.0	161.2	64.5
p1 Cal 7-500ng	7	✗	500.0	211.8	42.4
p1 Cal 8-1000ng	8	✗	1000.0	316.8	31.7

Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



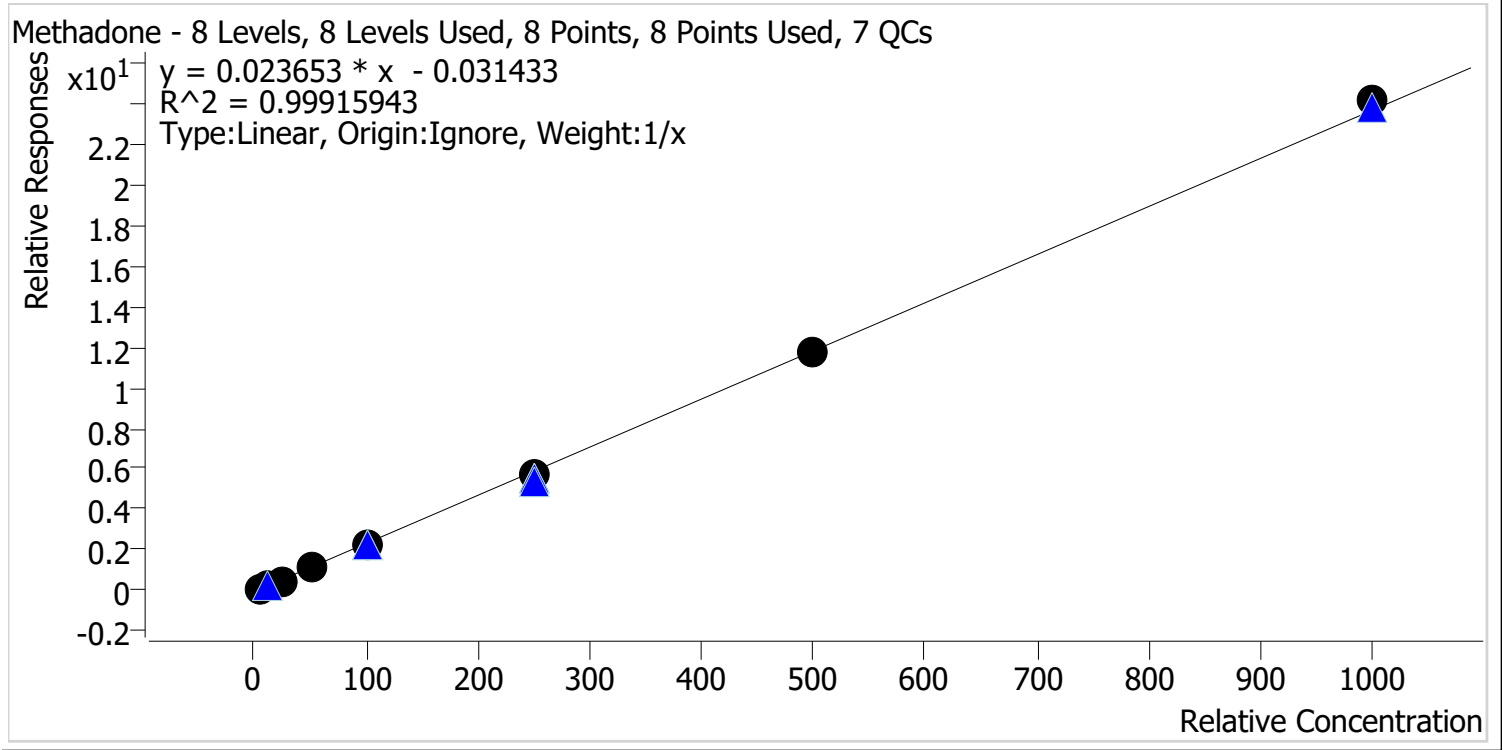
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	55.2	110.3
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	210.0	84.0
p1 Cal 7-500ng	7	✗	500.0	337.3	67.5
p1 Cal 8-1000ng	8	✗	1000.0	487.4	48.7

Calibrators 7 and 8 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

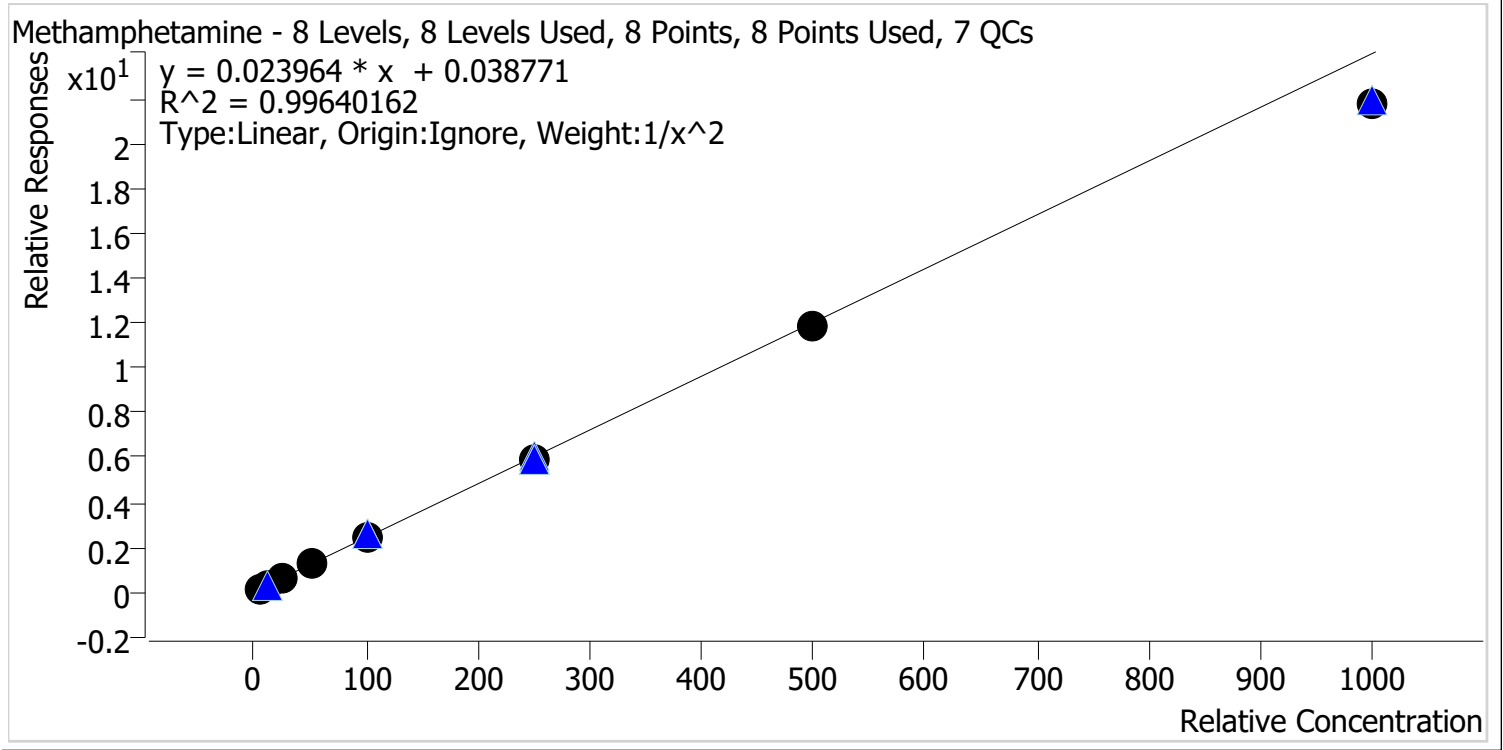


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.8
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	93.5	93.5
p1 Cal 6-250ng	6	✓	250.0	241.9	96.8
p1 Cal 7-500ng	7	✓	500.0	496.5	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1020.2	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

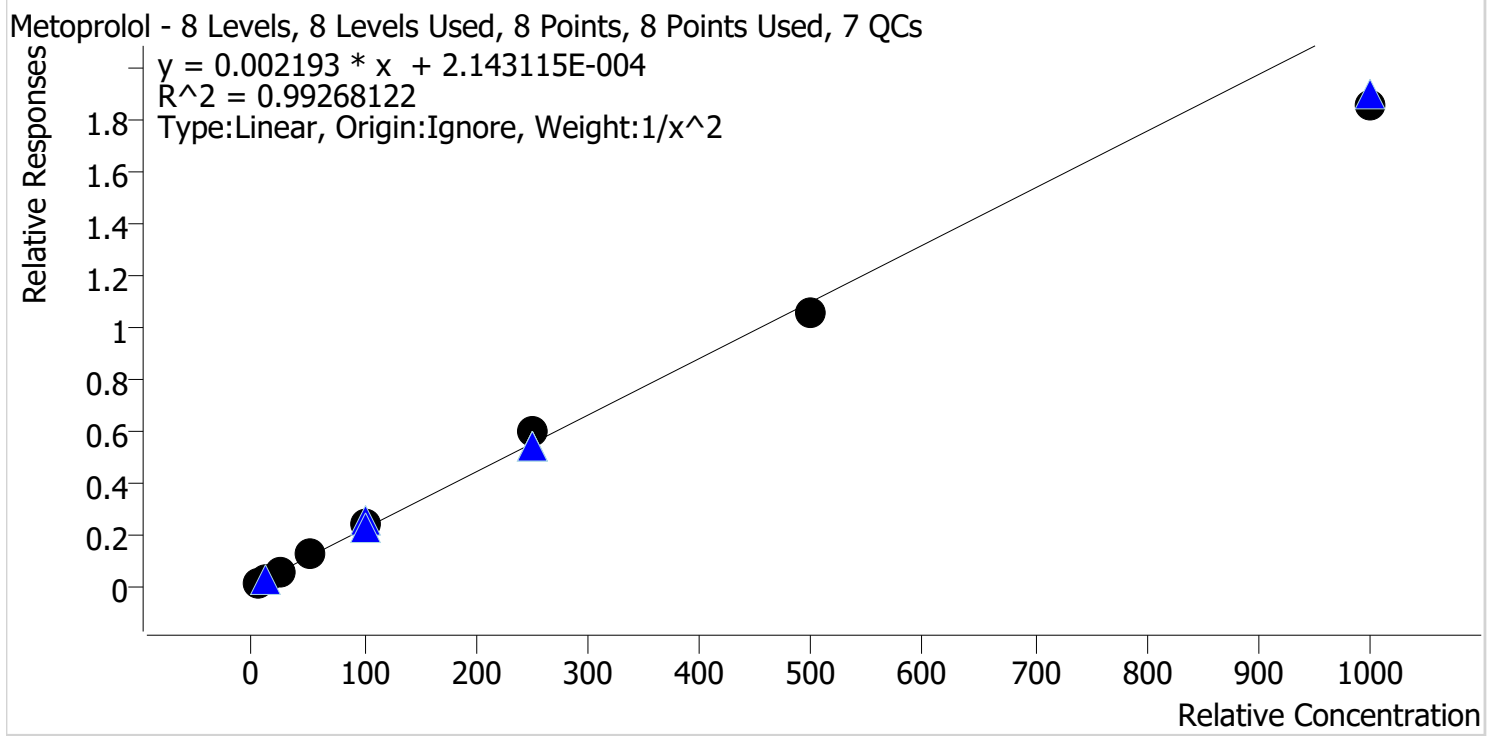


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	908.6	90.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

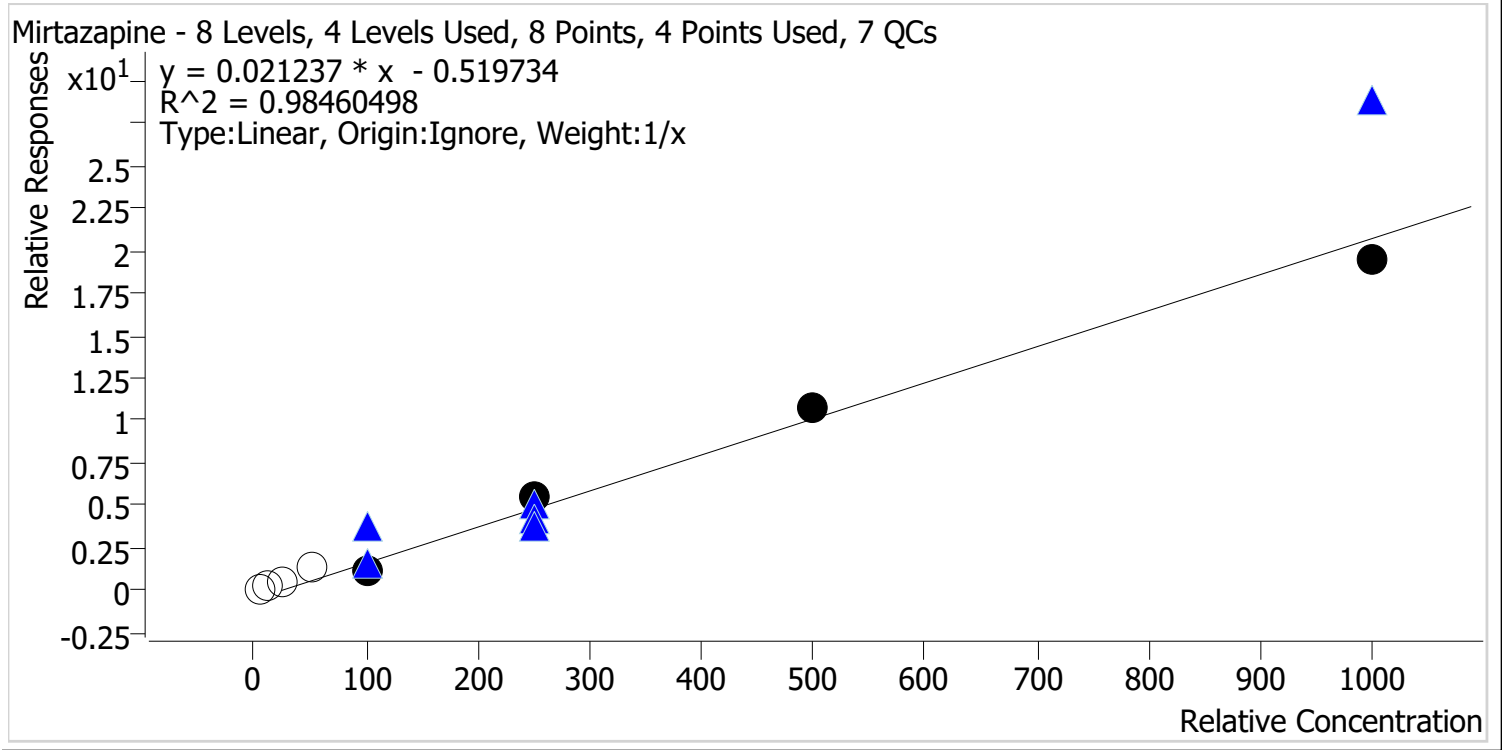


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	268.4	107.4
p1 Cal 7-500ng	7	✓	500.0	482.2	96.4
p1 Cal 8-1000ng	8	✓	1000.0	847.1	84.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



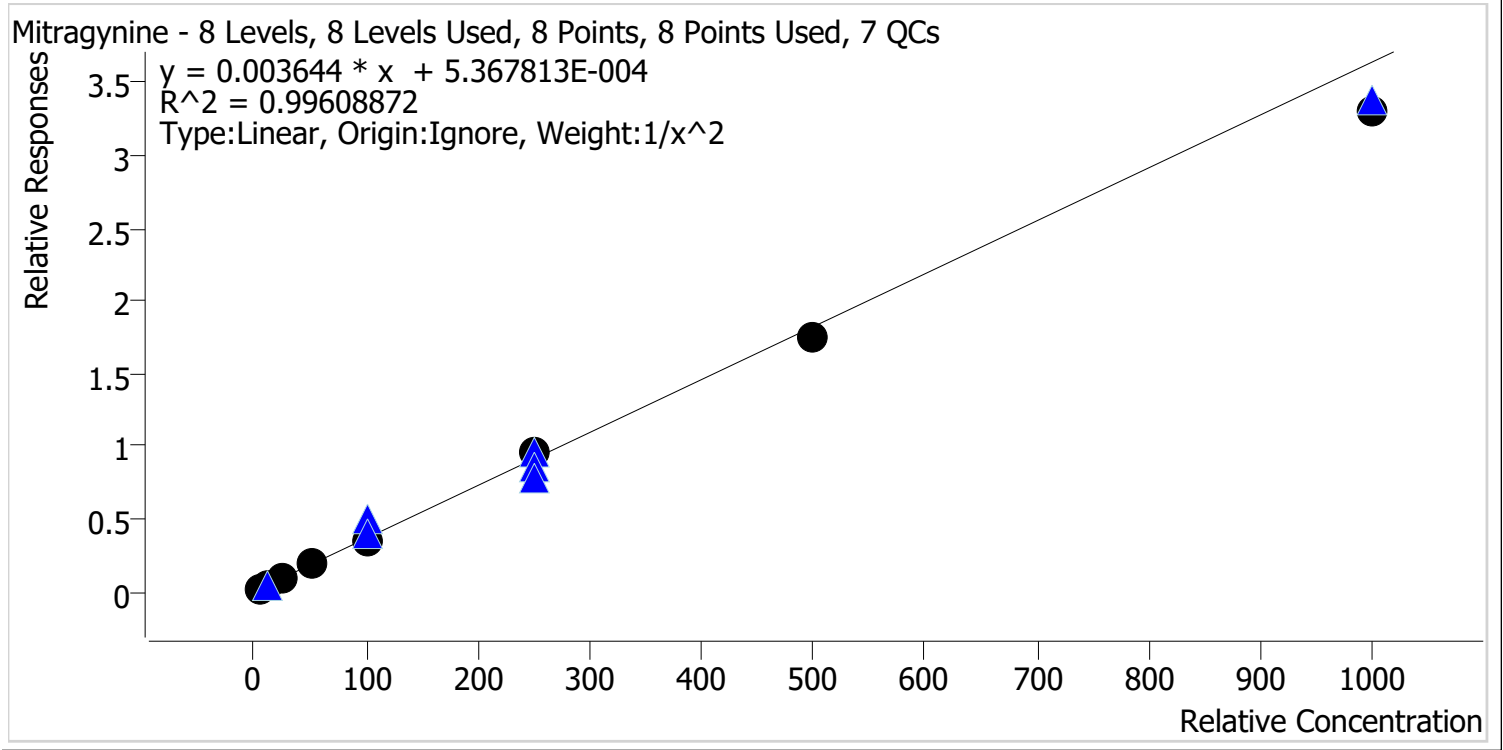
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	29.2	583.1
p1 Cal 2-10ng	2	x	10.0	36.2	361.6
p1 Cal 3 -25ng	3	x	25.0	47.3	189.2
p1 Cal 4-50ng	4	x	50.0	87.1	174.2
p1 Cal 5-100ng	5	✓	100.0	83.5	83.5
p1 Cal 6-250ng	6	✓	250.0	287.6	115.1
p1 Cal 7-500ng	7	✓	500.0	535.8	107.2
p1 Cal 8-1000ng	8	✓	1000.0	943.1	94.3

Calibrators 1, 2, 3, and 4 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

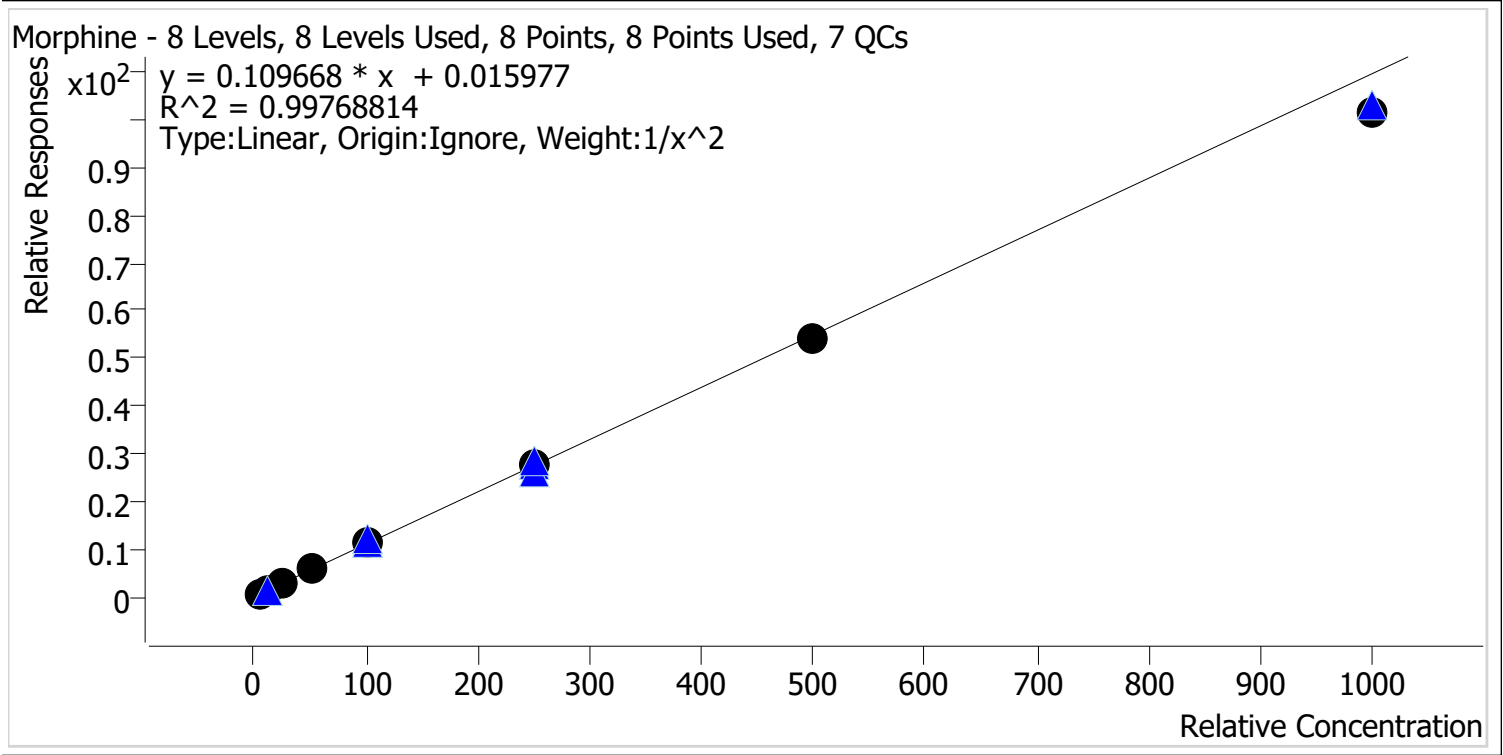


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	262.8	105.1
p1 Cal 7-500ng	7	✓	500.0	483.5	96.7
p1 Cal 8-1000ng	8	✓	1000.0	907.3	90.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



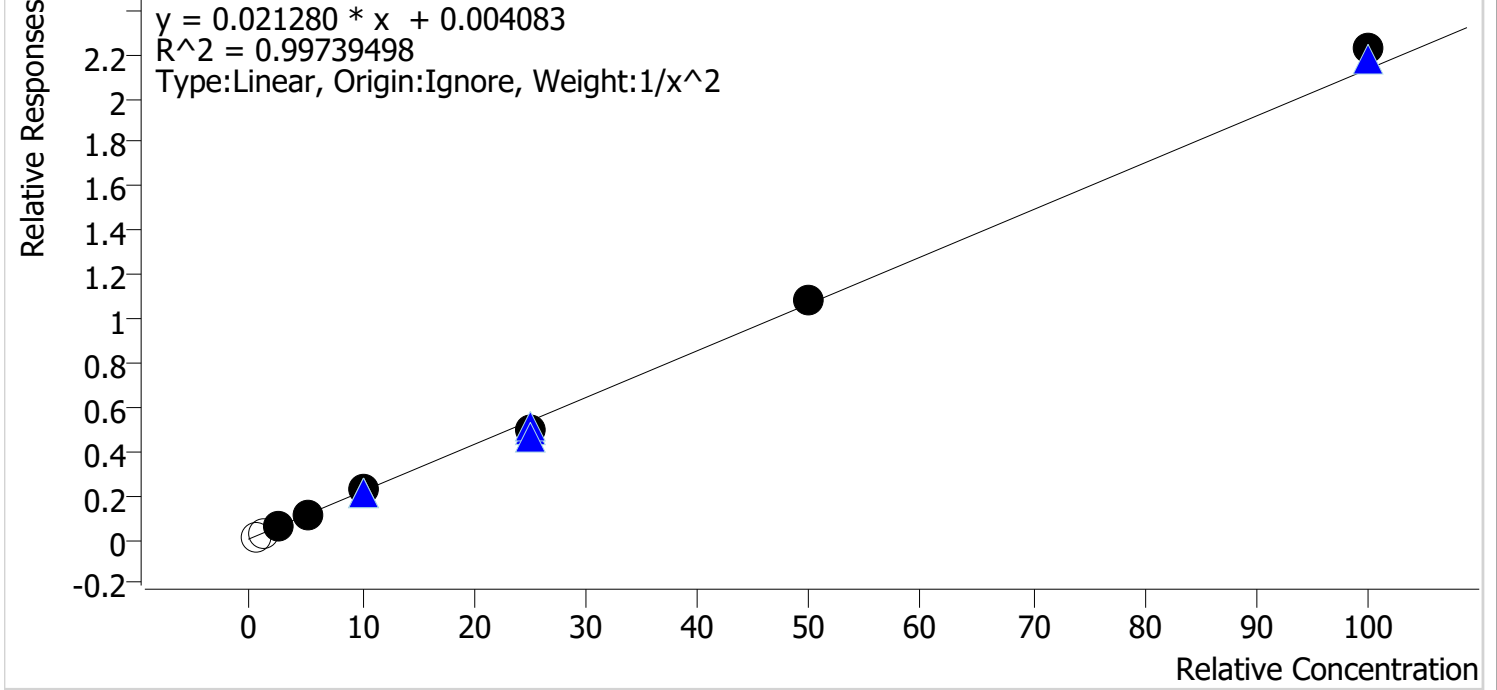
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	492.0	98.4
p1 Cal 8-1000ng	8	✓	1000.0	927.9	92.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 7 QCs



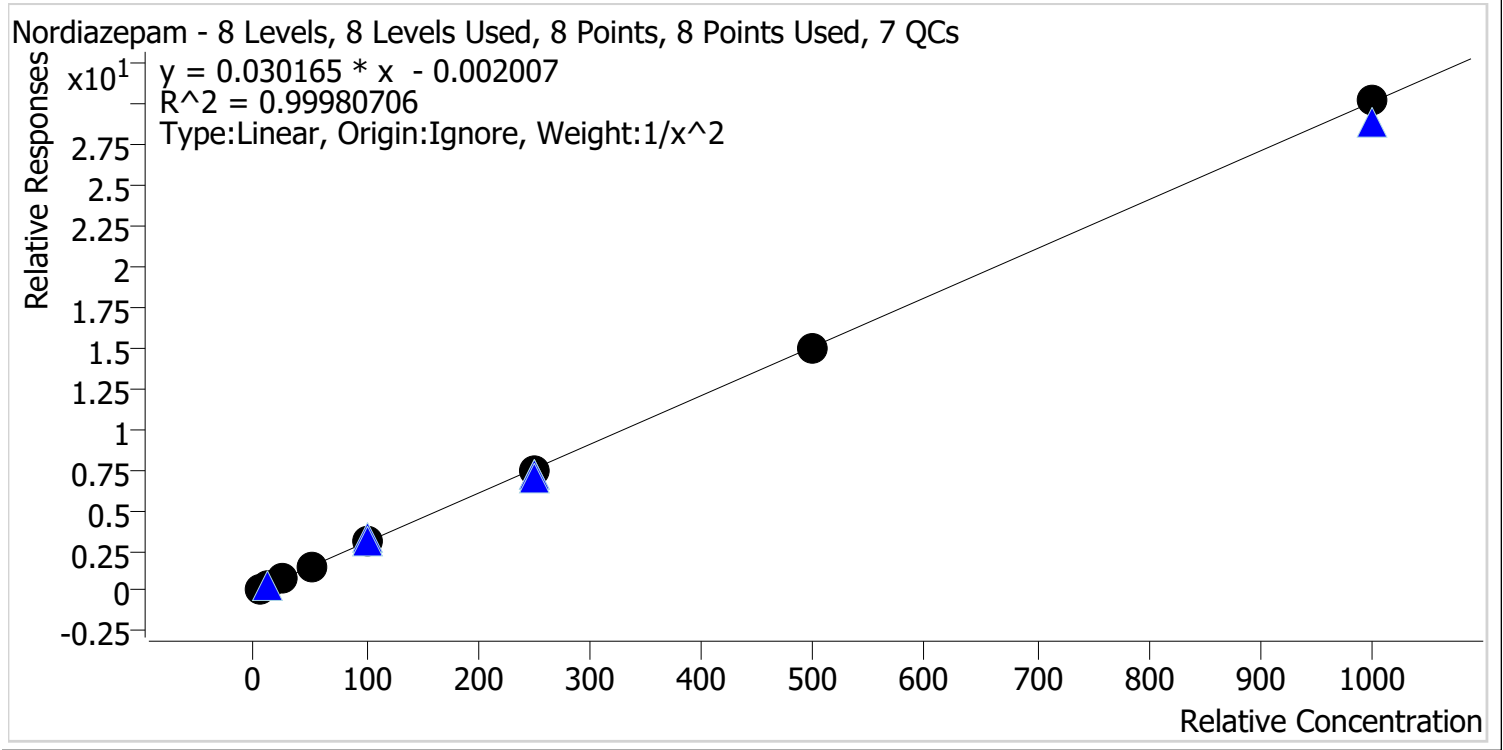
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	70.4
p1 Cal 2-10ng	2	x	1.0	0.9	86.9
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.0
p1 Cal 4-50ng	4	✓	5.0	4.9	97.9
p1 Cal 5-100ng	5	✓	10.0	10.3	102.6
p1 Cal 6-250ng	6	✓	25.0	23.2	92.9
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	104.4	104.4

Calibrators 1 and 2 dropped due to not meeting accuracy requirement



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

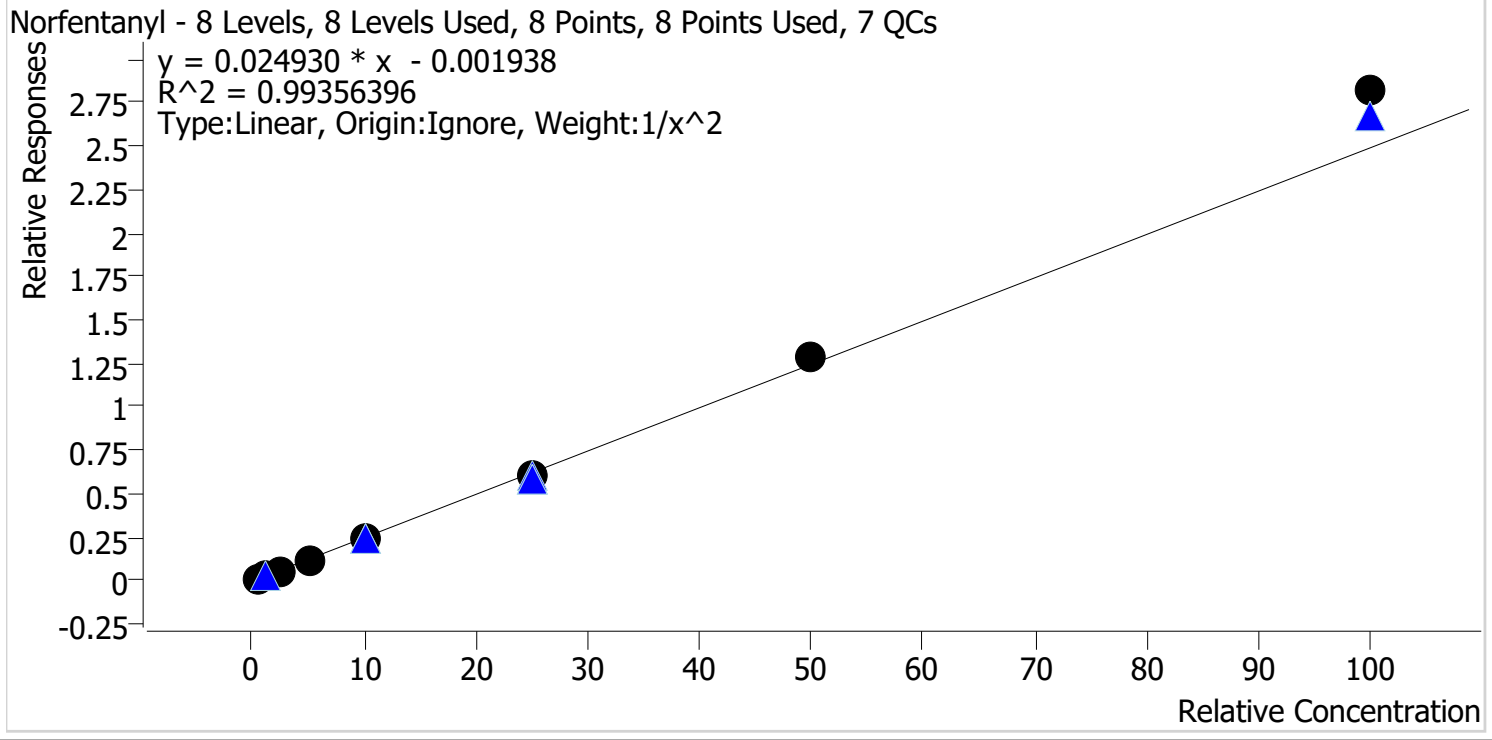


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1002.9	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



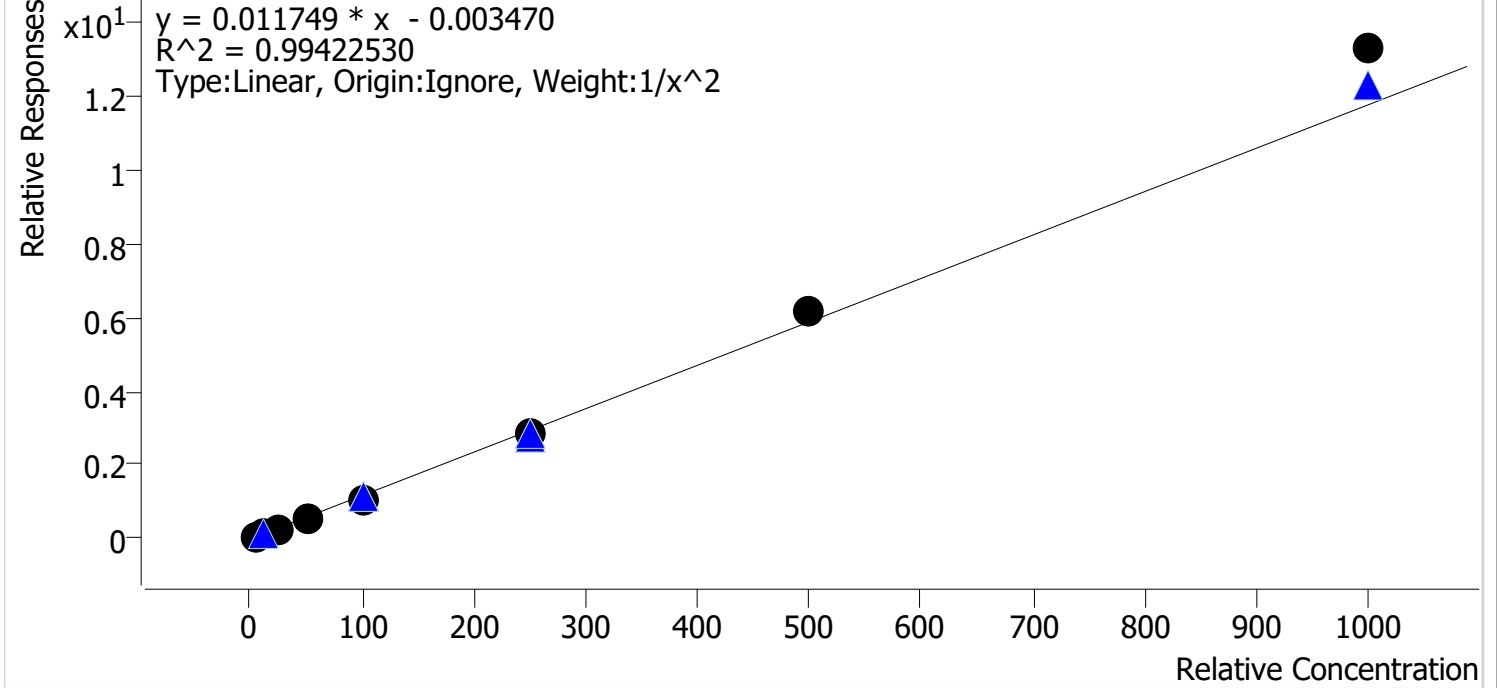
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.4
p1 Cal 2-10ng	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.8
p1 Cal 4-50ng	4	✓	5.0	5.0	99.4
p1 Cal 5-100ng	5	✓	10.0	9.6	95.6
p1 Cal 6-250ng	6	✓	25.0	24.3	97.3
p1 Cal 7-500ng	7	✓	50.0	51.9	103.9
p1 Cal 8-1000ng	8	✓	100.0	113.2	113.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

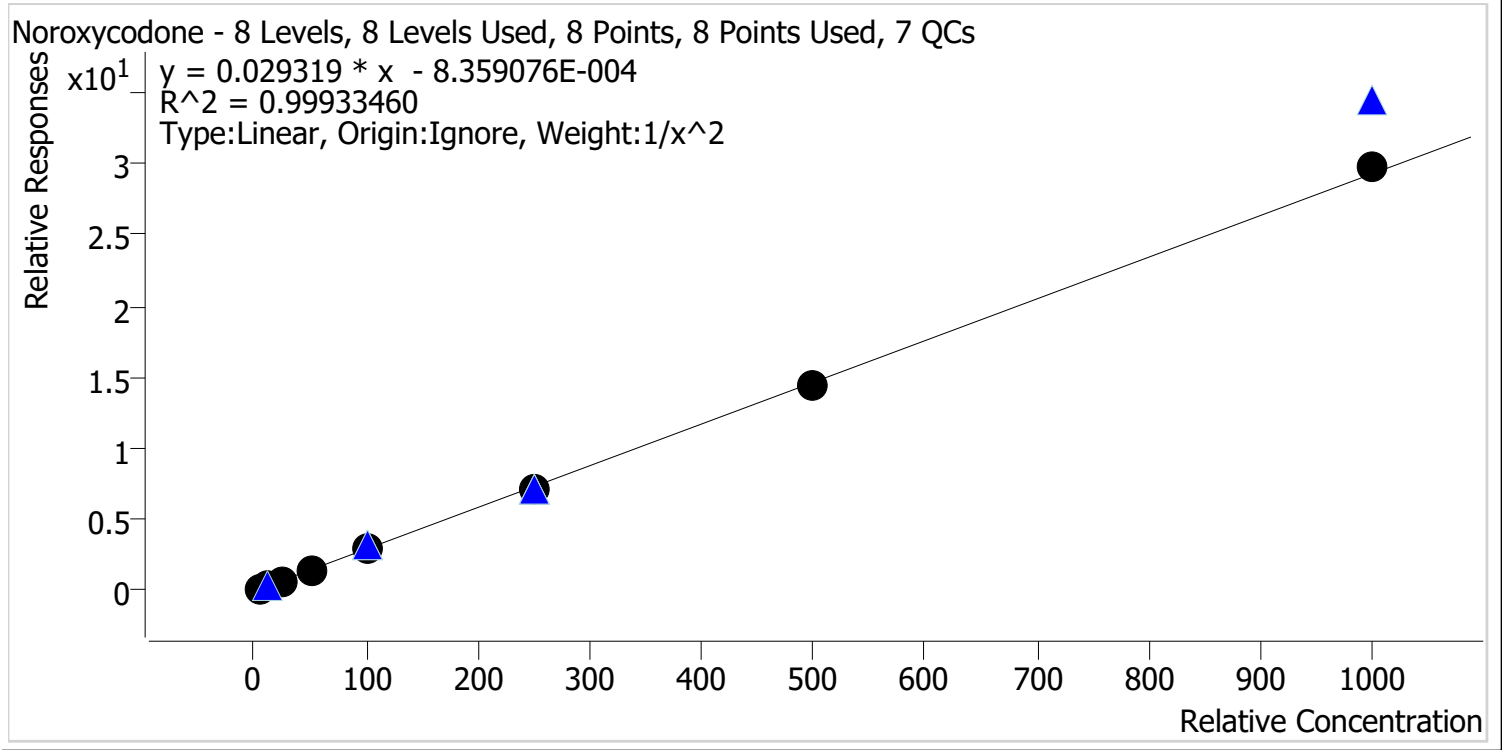


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.0
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	✓	250.0	240.9	96.4
p1 Cal 7-500ng	7	✓	500.0	523.1	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1129.5	113.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

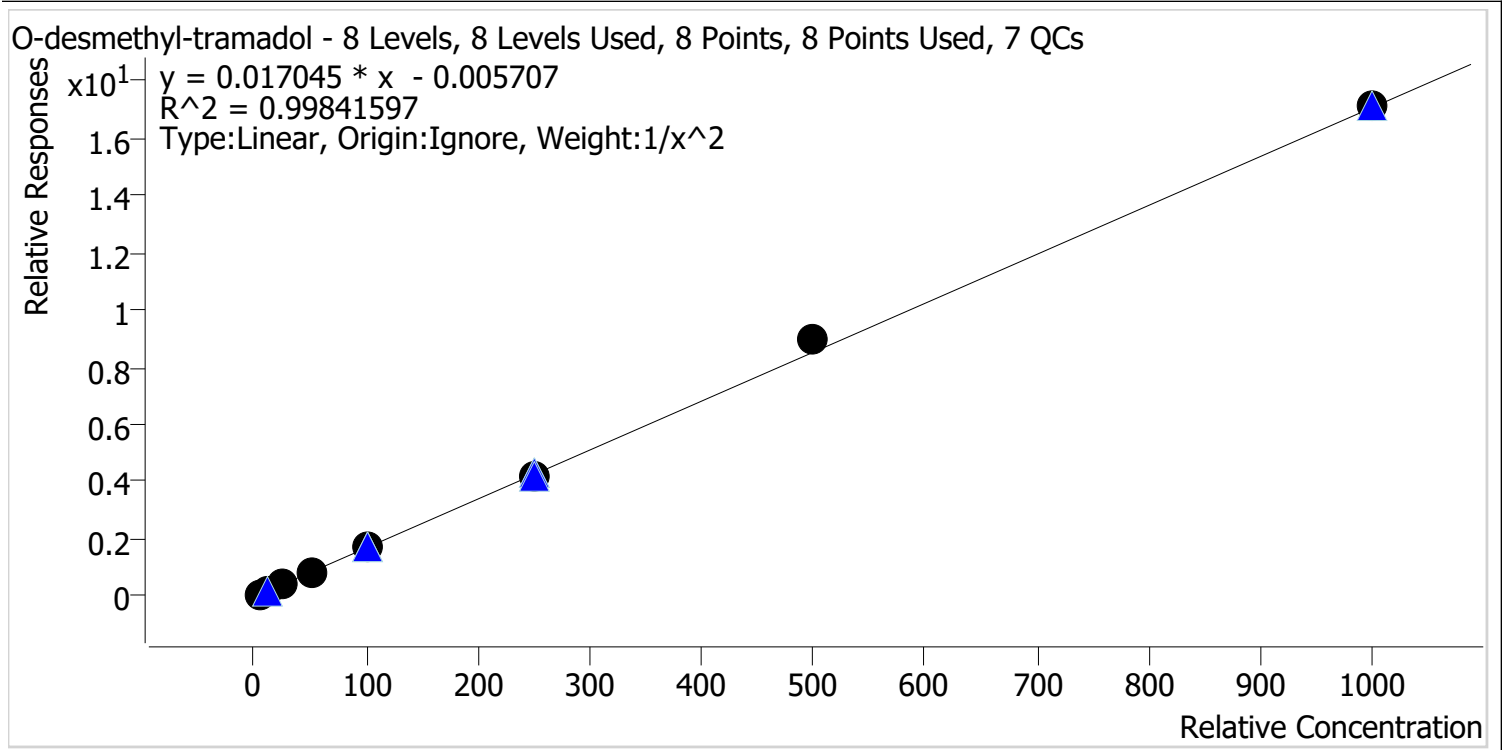


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	496.0	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1016.5	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

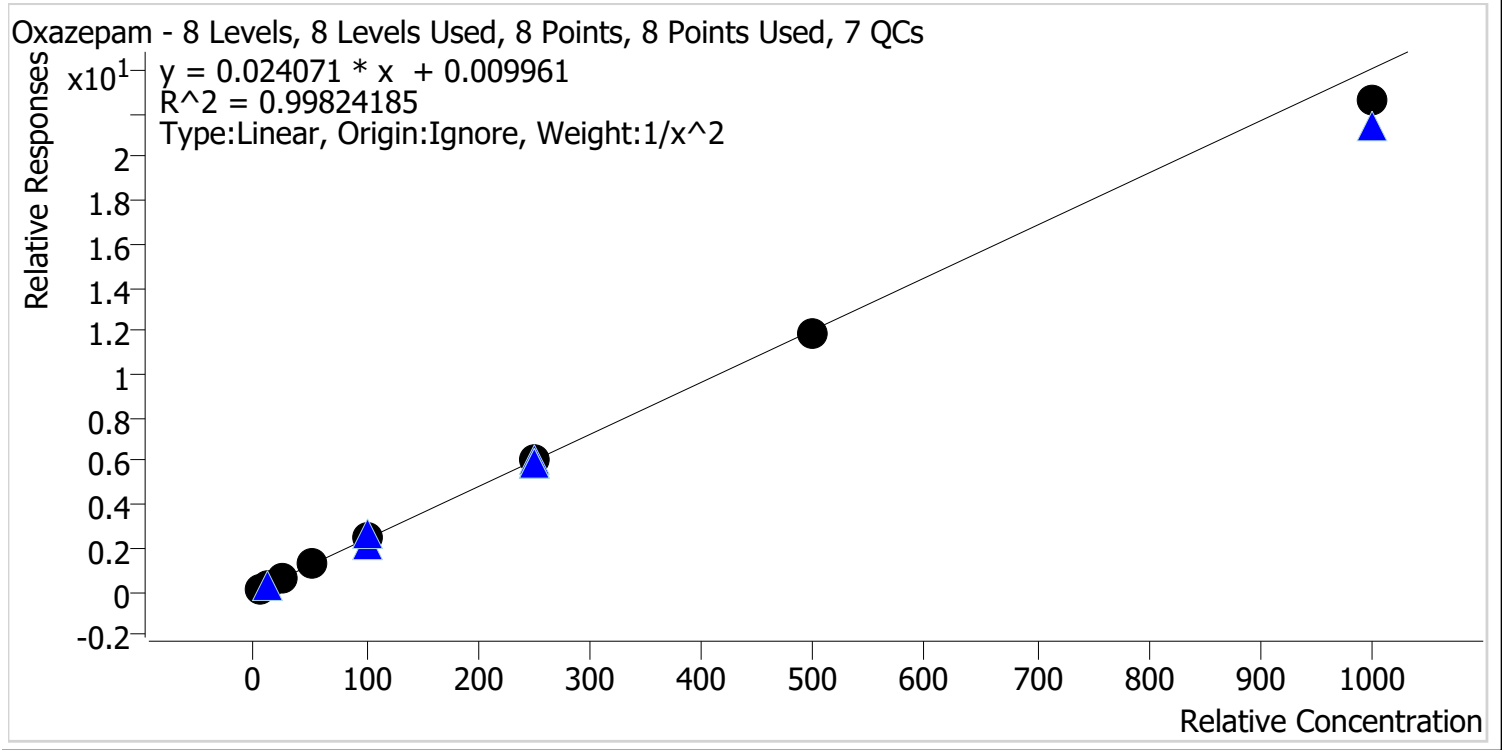


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1002.7	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



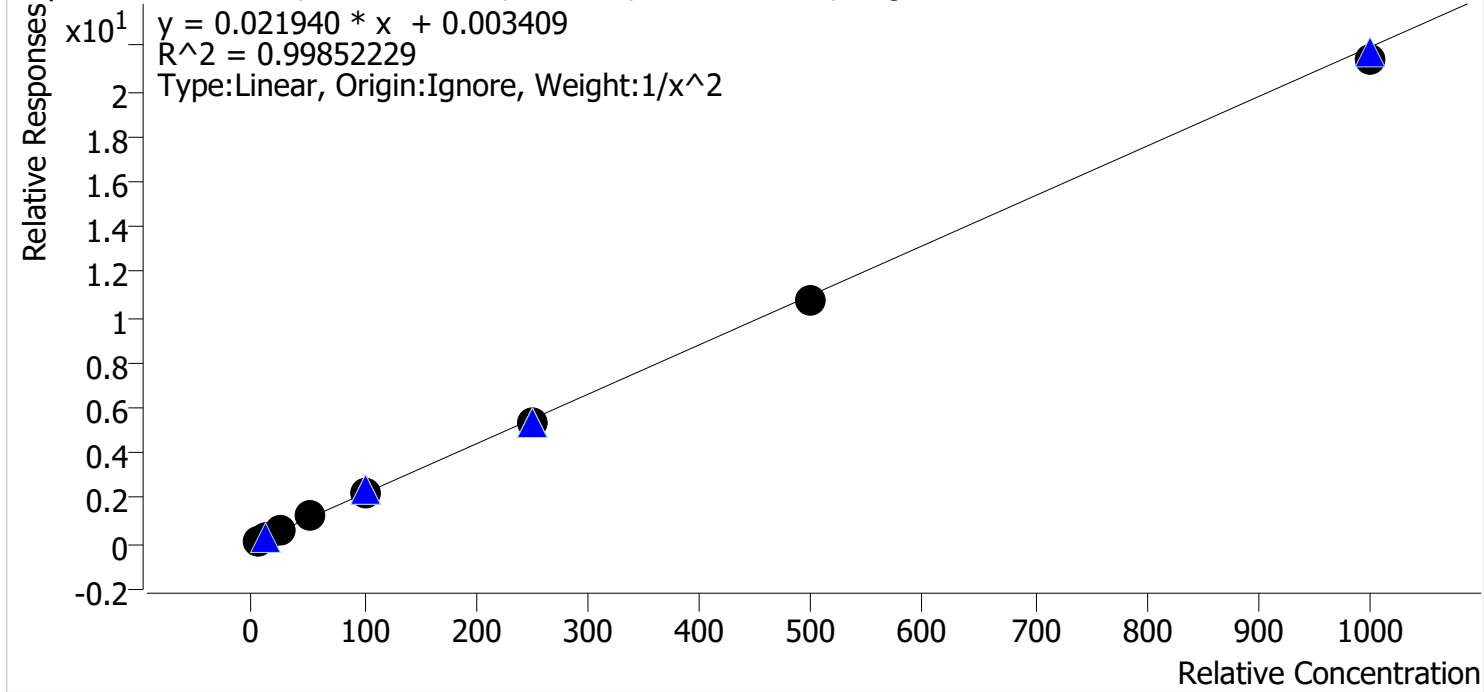
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
p1 Cal 8-1000ng	8	✓	1000.0	938.7	93.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

Oxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs

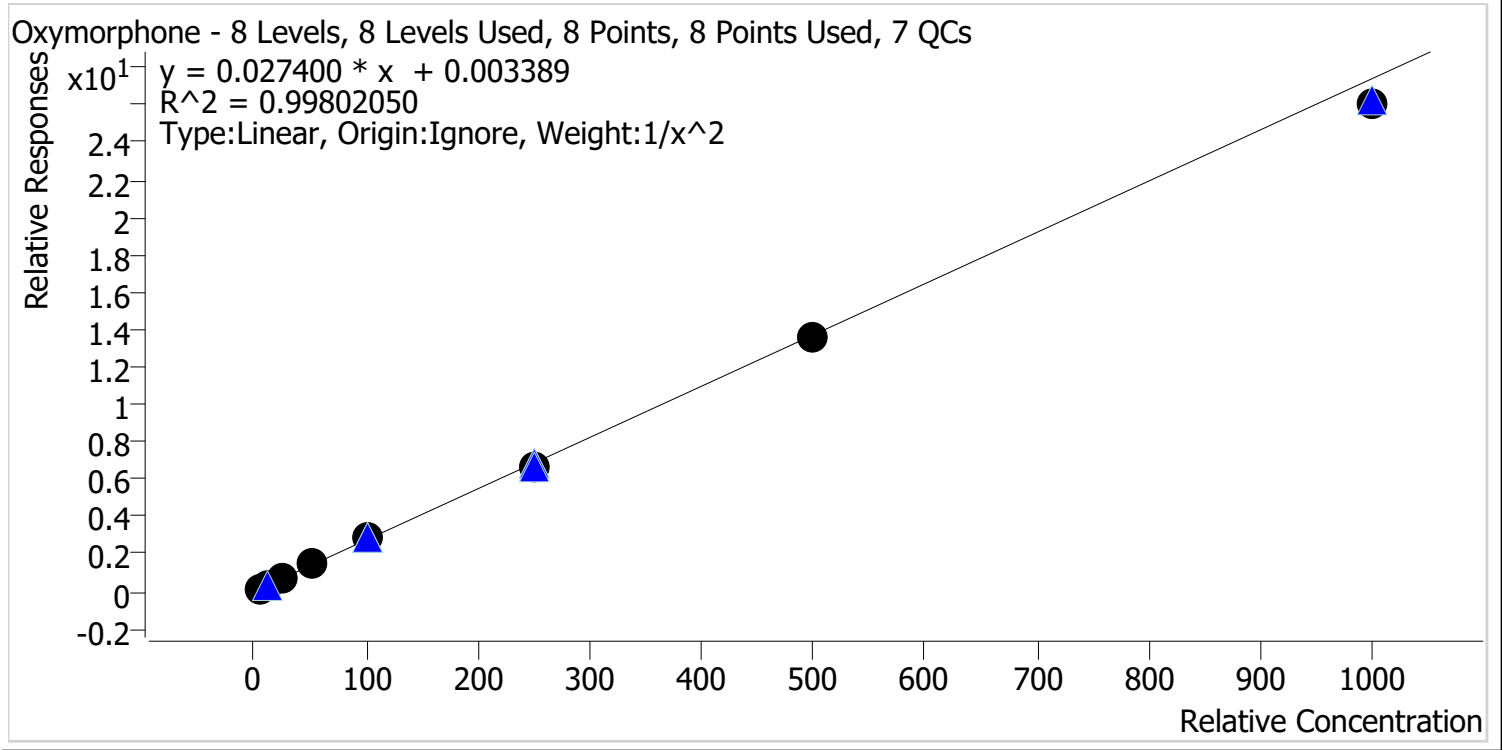


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	492.3	98.5
p1 Cal 8-1000ng	8	✓	1000.0	971.8	97.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

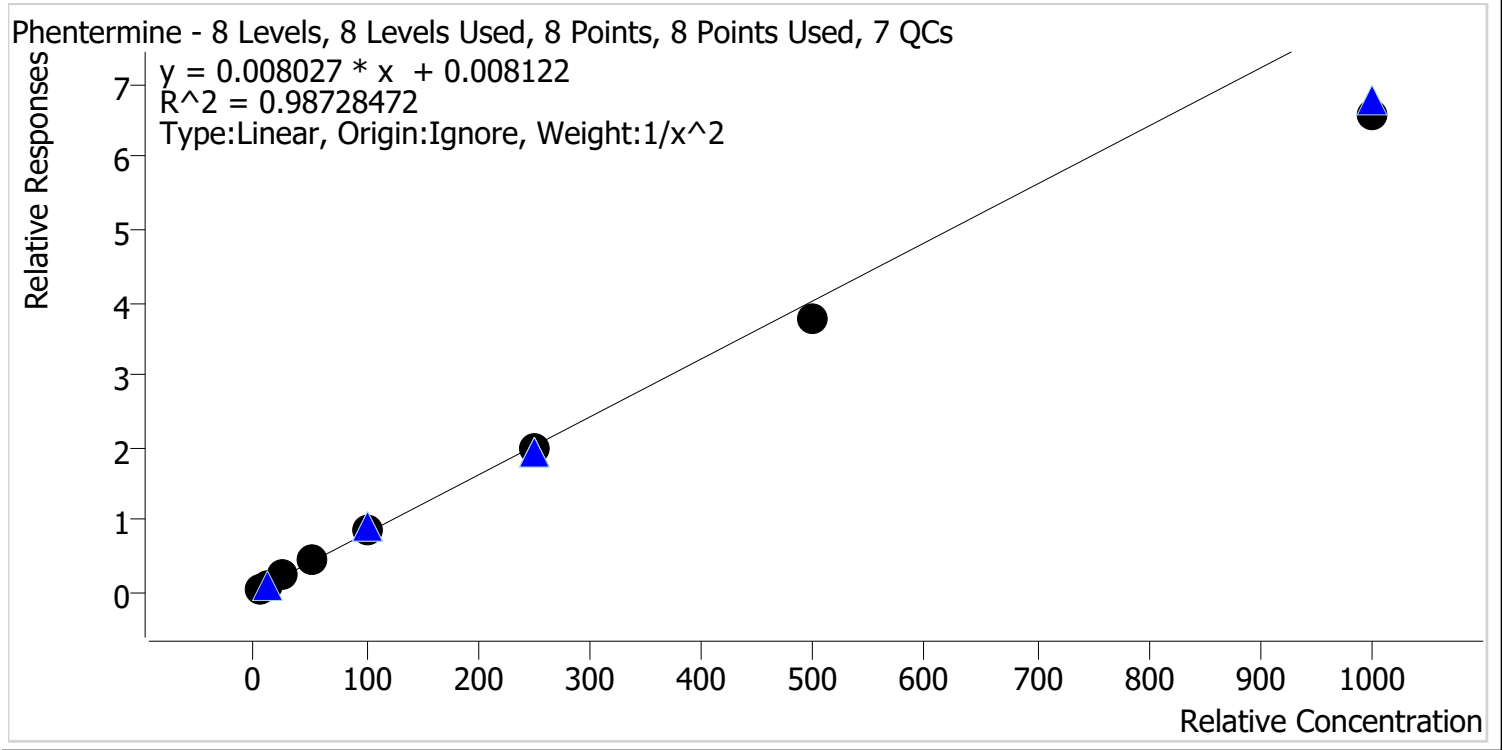


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	954.1	95.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

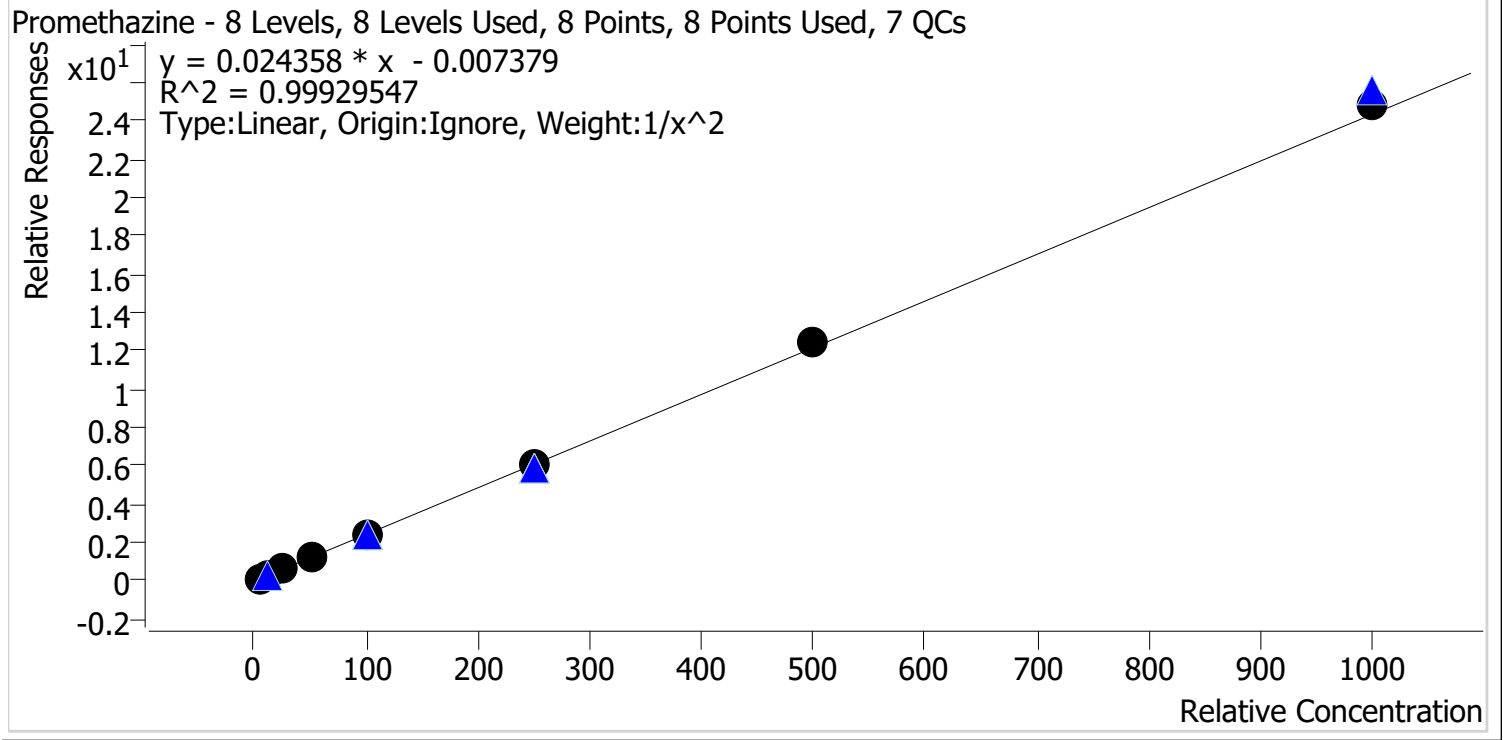


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	56.8	113.5
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	466.0	93.2
p1 Cal 8-1000ng	8	✓	1000.0	819.2	81.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

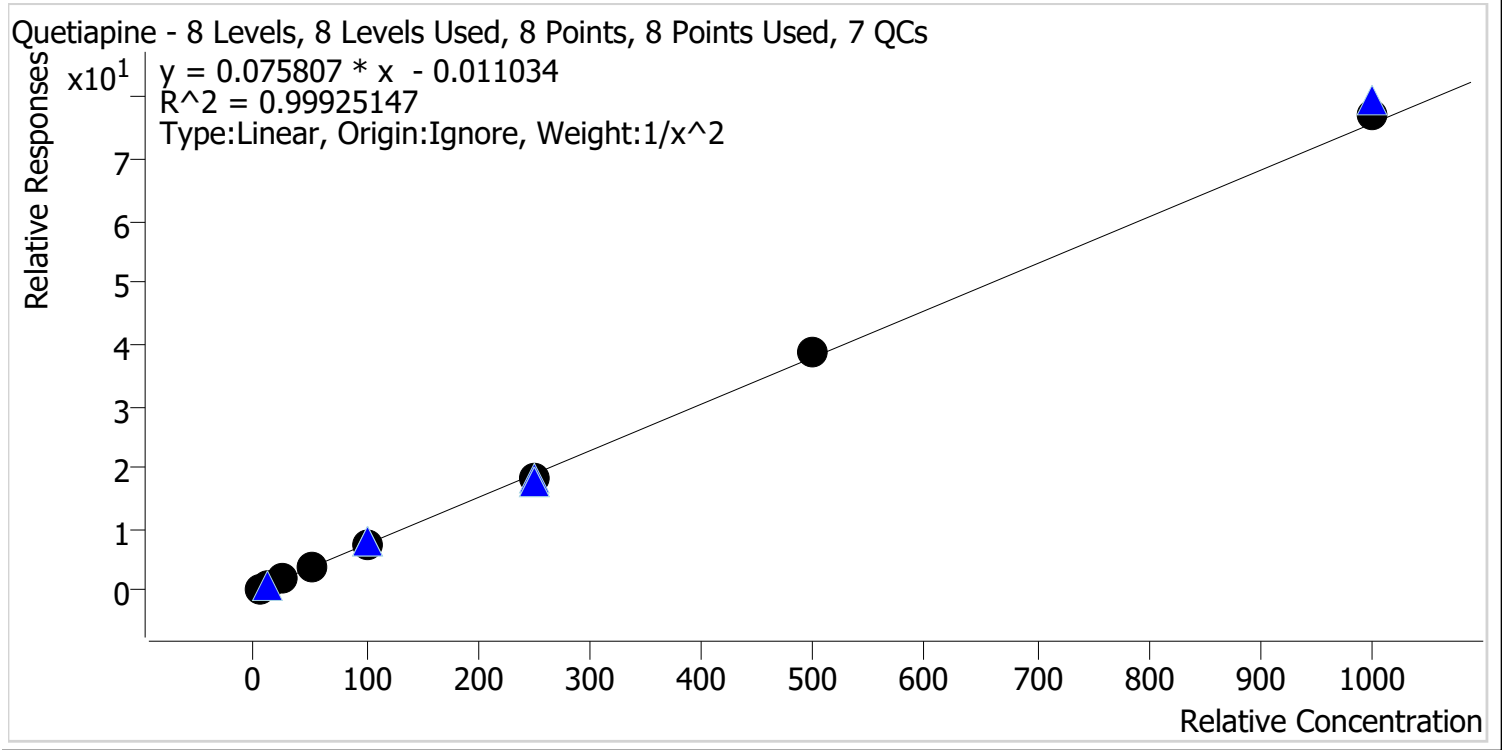


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1022.2	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

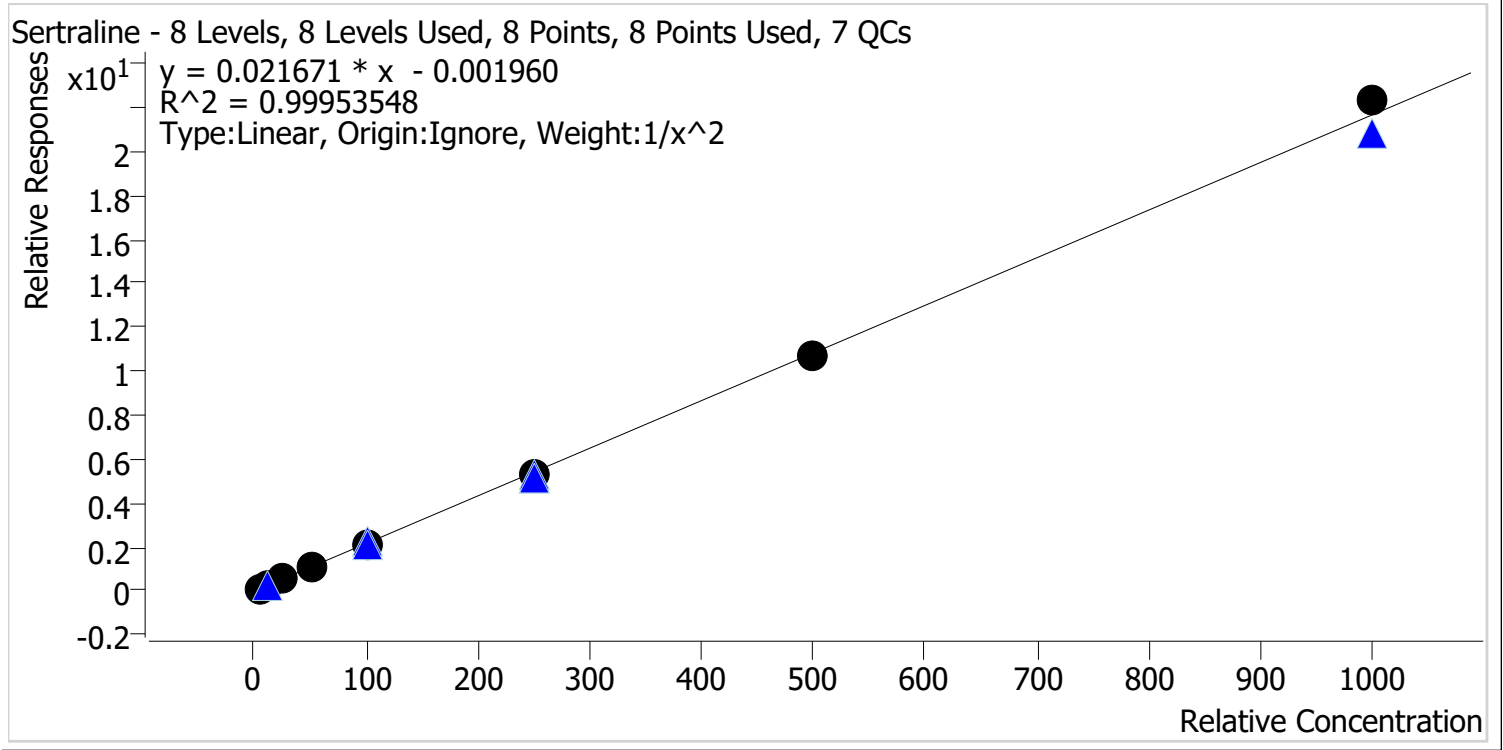


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	509.6	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1015.7	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

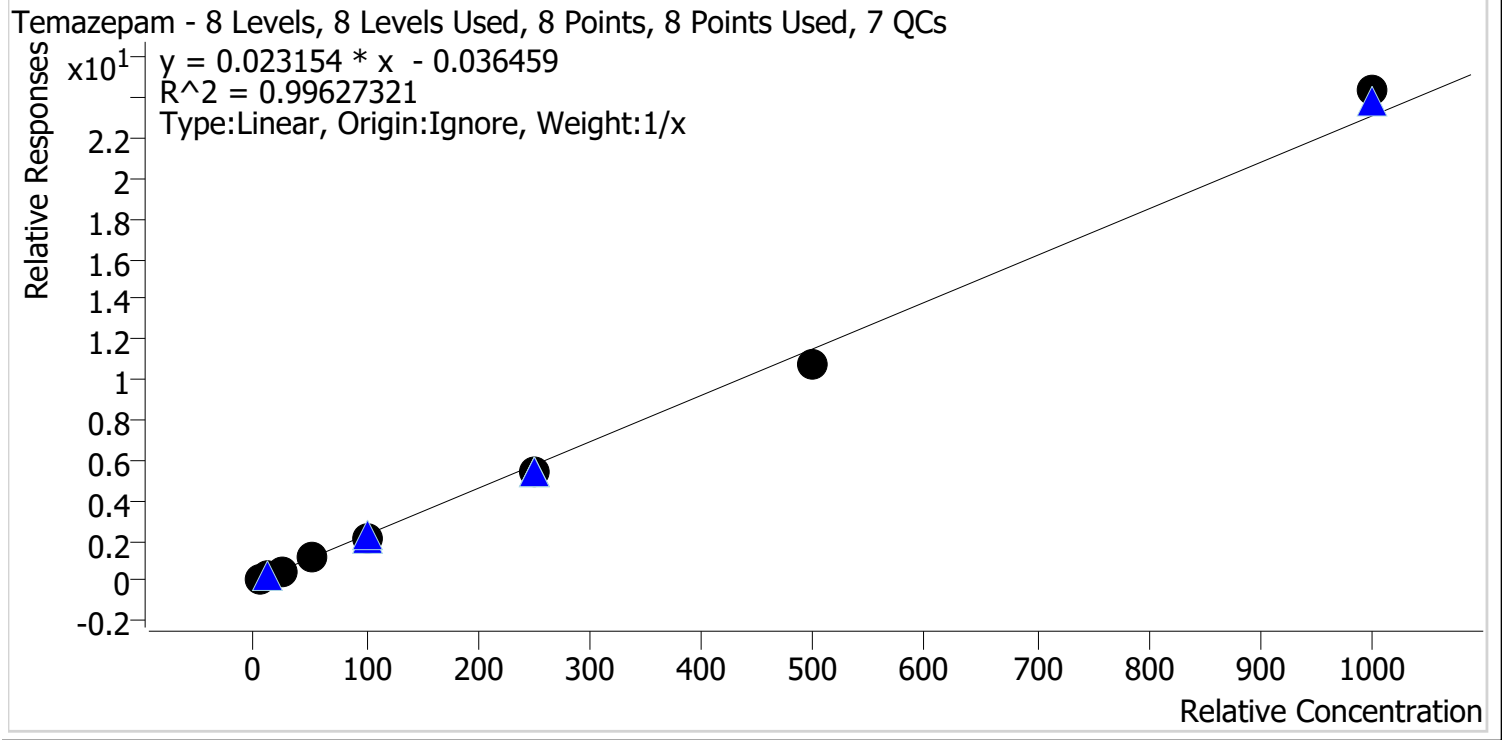


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1030.0	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

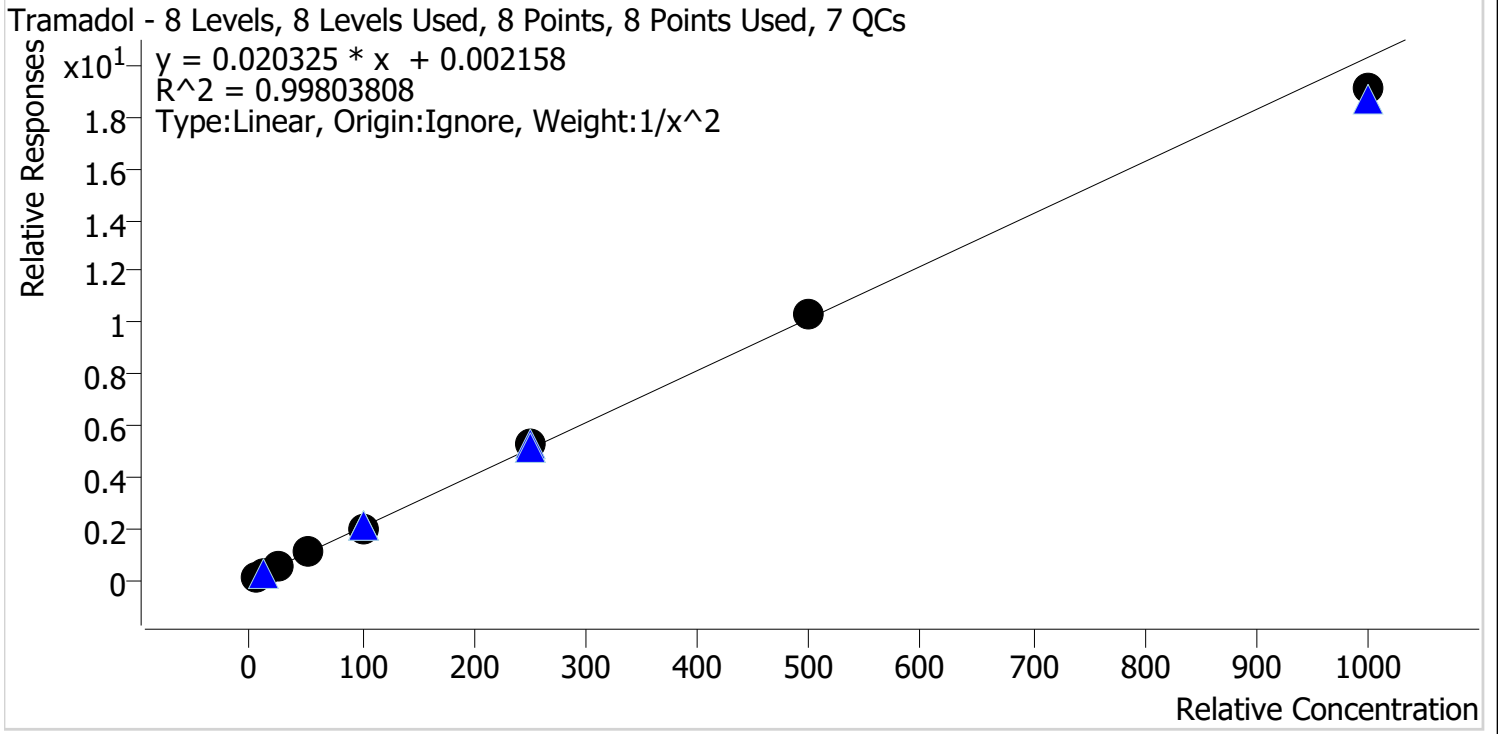


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.1	121.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.6
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	235.2	94.1
p1 Cal 7-500ng	7	✓	500.0	468.2	93.6
p1 Cal 8-1000ng	8	✓	1000.0	1054.3	105.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

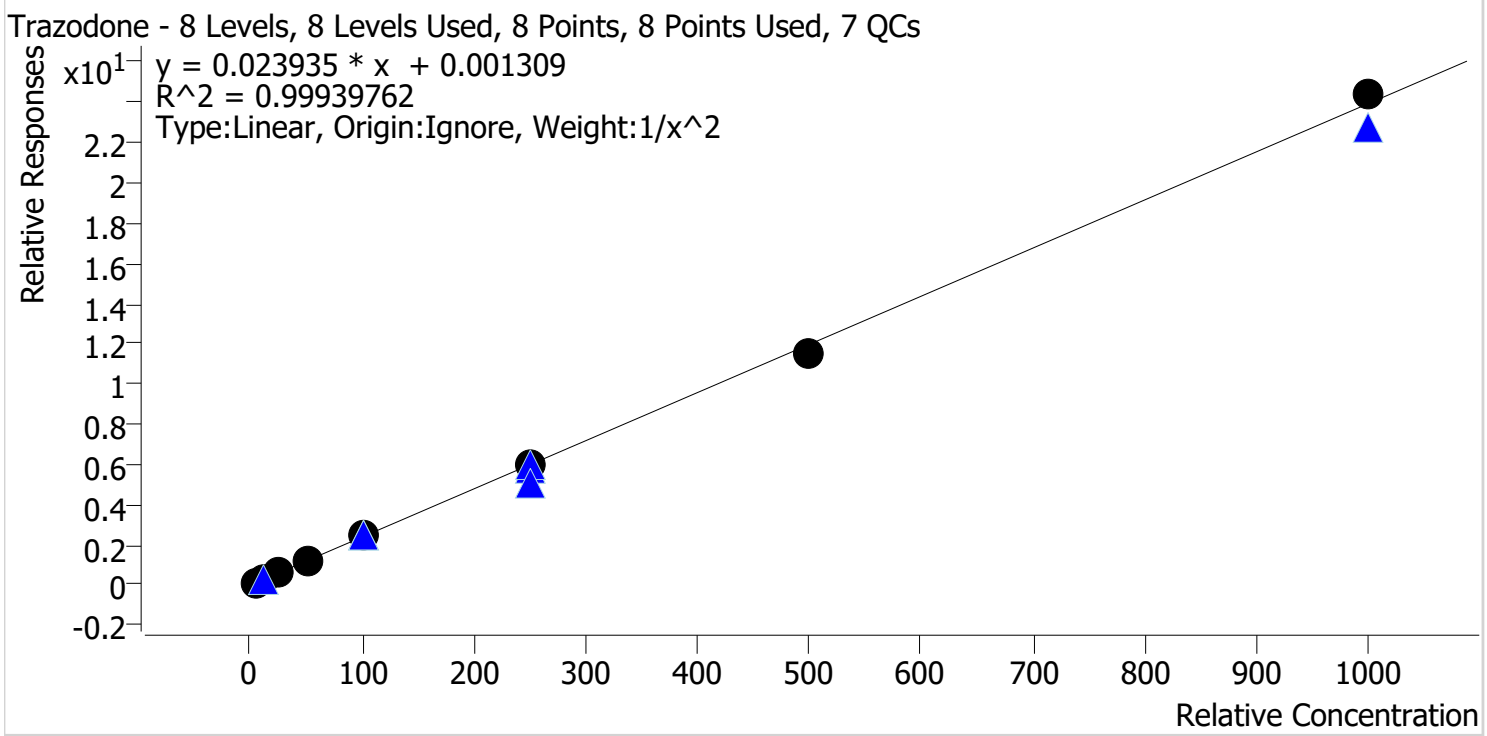


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	260.7	104.3
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	940.0	94.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

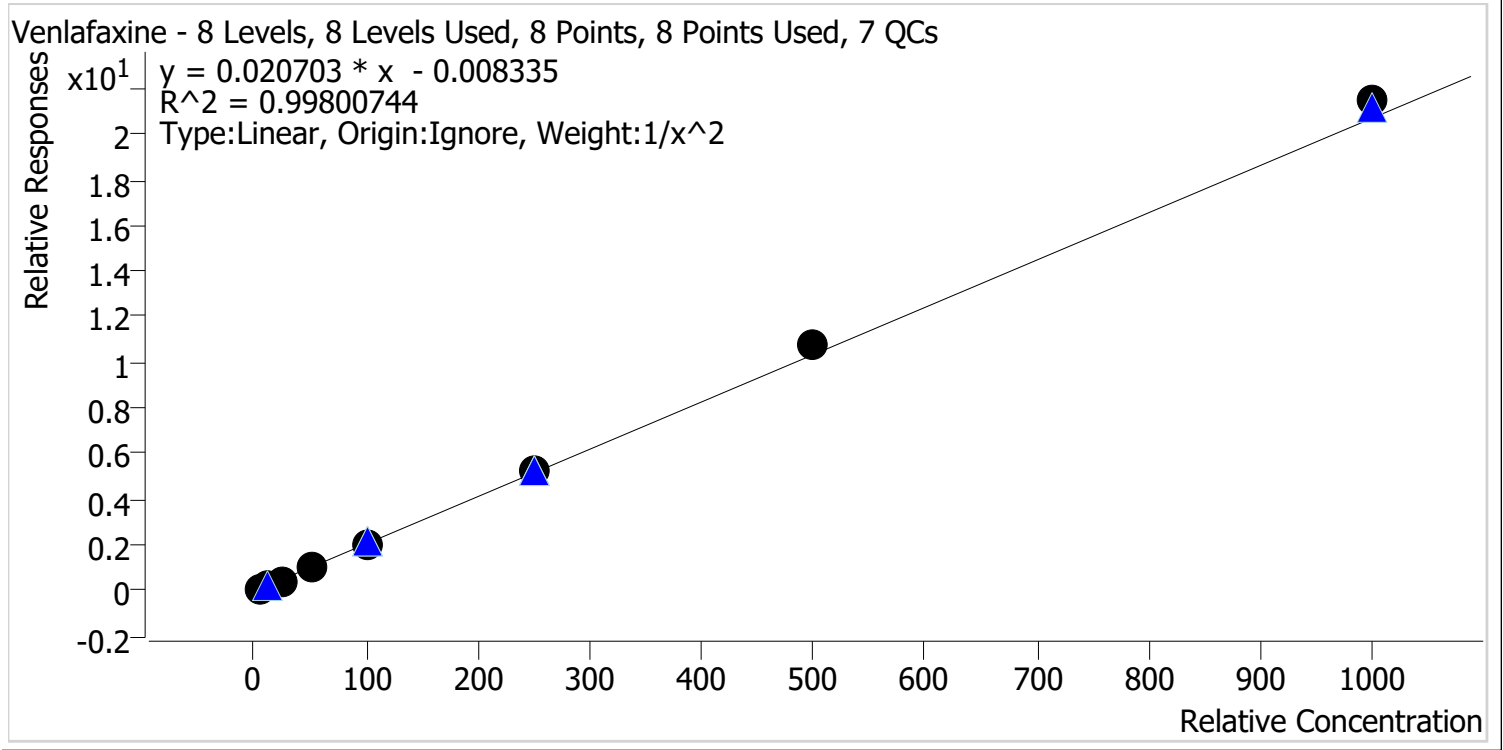


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	484.2	96.8
p1 Cal 8-1000ng	8	✓	1000.0	1018.9	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

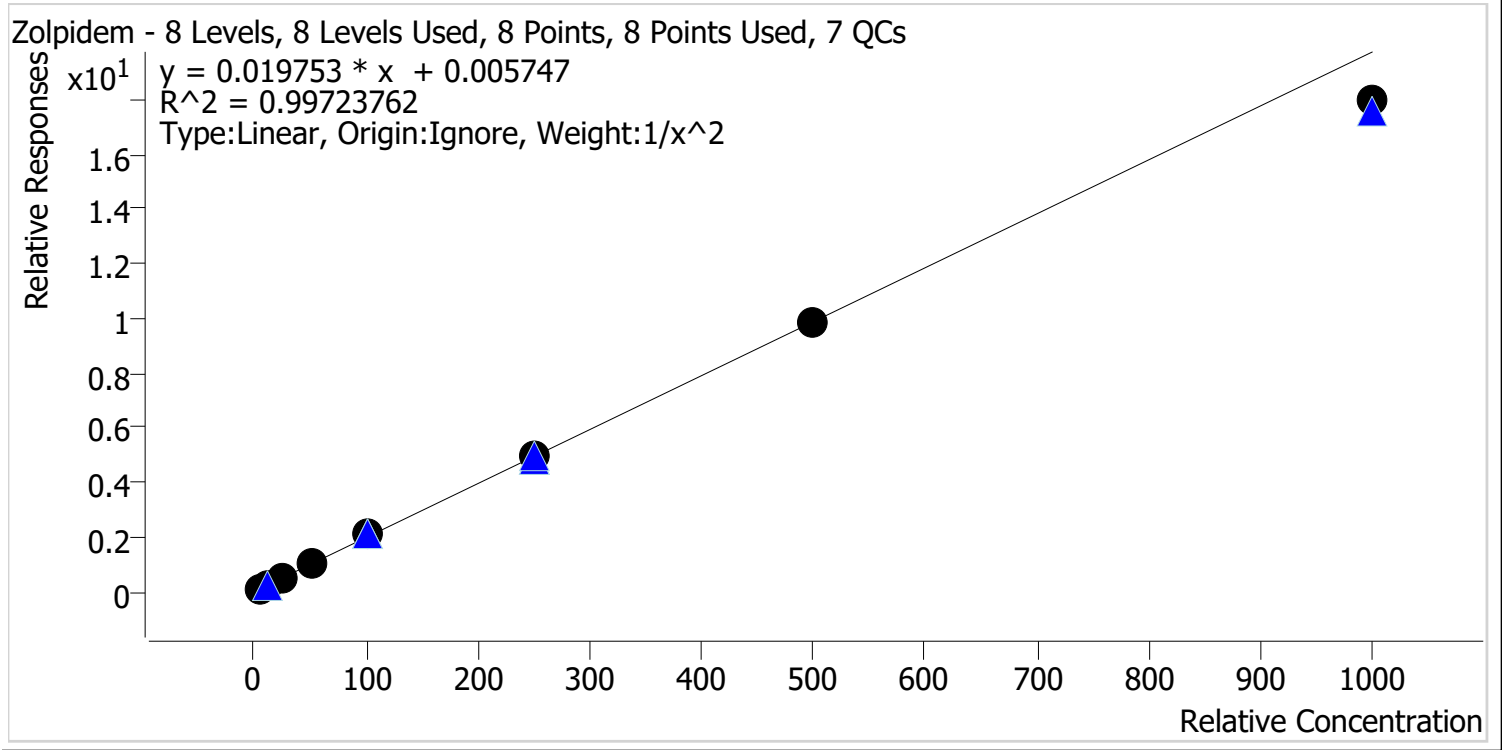


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1037.2	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 8/4/2021 10:48 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	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	910.0	91.0

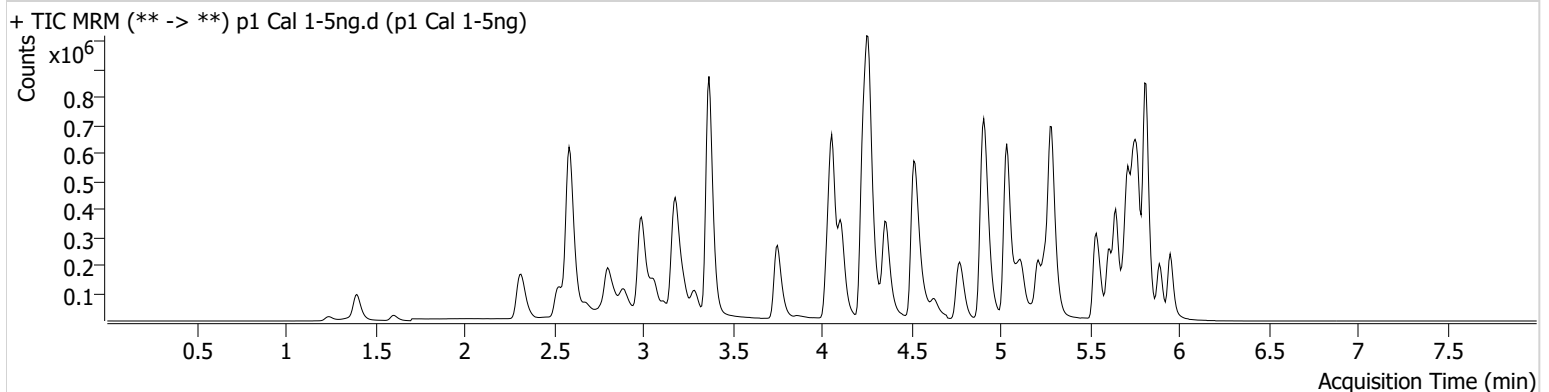
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 3:04:15 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	2129	76.32	68.7	1727.98	105113	0.5610 ng/ml
7-aminoclonazepam	4.271	44142	175.57	75.2	866.78	321610	4.9803 ng/ml
a-hydroxyalprazolam	5.699	25106	224.02	57.5	38439.86	540305	4.8304 ng/ml
alpha-PHP	4.937	23548	298.49	280.1	2721.01	844653	4.6947 ng/ml
alpha-PVP	4.370	95280	216.74	53.9	178.21	844653	5.1281 ng/ml
Alprazolam	5.775	78148	415.46	109.4	451.71	540305	5.1112 ng/ml
Amphetamine	3.069	155853	297.04	52.6	193.50	351348	4.7524 ng/ml
Benzoylecgonine	3.899	1998	19.84	7.7	590.33	15413	5.9596 ng/ml
Buprenorphine	5.880	1453	58.44	11.8	306.26	113028	0.5228 ng/ml
Bupropion	4.788	78083	740.81	62.6	130.21	552361	5.0609 ng/ml
Carisoprodol	5.724	76646	280.47	58.5	177.78	776221	5.2016 ng/ml
Citalopram	5.212	53722	454.85	38.1	18854.83	484854	5.0534 ng/ml
Clonazepam	5.612	82068	134.80	35.0	13850.15	199241	4.9242 ng/ml
Clonazepam	5.548	57532	104019.64	38.8	22299.22	199241	5.0242 ng/ml
Cocaine	4.264	81490	106916.21	54.4	1314.75	1588076	5.1331 ng/ml
Codeine	2.580	10951	968.61	93.7	330.02	102732	4.8776 ng/ml
Cyclobenzaprine	5.615	25563	51199.83	8.2	57.31	215847	5.0741 ng/ml
Dextromethorphan	5.262	25316	71.57	80.8	14114.29	246050	5.0472 ng/ml
Dextrophan	4.111	29094	64027.38	199.8	1693.00	692069	5.0877 ng/ml
Diazepam	5.960	46079	572.29	89.2	1046.46	430908	5.0029 ng/ml
Dihydrocodeine	2.559	24816	77579.50	70.8	∞	298316	4.8364 ng/ml
Diphenhydramine	5.289	127868	945.46	35.0	147.02	1581825	5.1481 ng/ml
Doxylamine	4.536	197646	1165.59	94.3	683.47	1666474	5.0918 ng/ml
EDDP	5.254	22561	170.96	42.5	2011.01	251273	5.0998 ng/ml
Etizolam	5.813	49898	113356.01	26.4	21763.90	199241	6.3848 ng/ml
Fentanyl	5.109	3011	28.42	62.9	5720.03	298452	0.4998 ng/ml
Flualprazolam	5.705	35305	3773.55	99.5	1688.53	540305	5.0351 ng/ml
Fluoxetine	5.707	31022	98.01	9.2	33.81	255687	4.4787 ng/ml
Hydrocodone	3.018	37552	111.67	40.3	43.71	915678	4.9390 ng/ml
Hydromorphone	1.608	30906	1350.47	88.1	533.95	8814	4.9011 ng/ml
Ketamine	4.051	77952	6705.83	34.7	90.40	745841	5.0040 ng/ml
Lamotrigine	4.280	8132	288.59	78.6	1012.49	745841	4.8862 ng/ml
Levetiracetam	2.683	32979	400.70	166.2	214.96	1750906	5.1711 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	82660	984.46	60.0	161.51	199241	4.8720 ng/ml
MDA	3.203	126837	771.60	26.1	38.91	639375	4.7742 ng/ml
MDMA	3.296	72382	84643.35	81.3	256.00	136918	5.1069 ng/ml
Meprobamate	4.917	43904	8970.94	28.1	476.77	371003	4.8156 ng/ml
Methadone	5.646	77294	382.73	50.5	187.12	725297	5.8345 ng/ml
Methamphetamine	3.238	107449	549.41	29.9	15.78	688982	4.8899 ng/ml
Metoprolol	4.326	19632	21567.46	95.6	539.20	1786687	4.9136 ng/ml
Mirtazapine	4.631	84001	2086.65	52.0	8925.35	844653	29.1562 ng/ml
Mitragynine	5.237	13230	181.09	39.8	5536.36	725297	4.8585 ng/ml
Morphine	1.247	4960	904.18	41.2	296.95	8814	4.9860 ng/ml
Norbuprenorphine	4.986	198	65.96	103.6	117.64	17089	0.3522 ng/ml
Nordiazepam	5.900	51108	477.95	54.3	442.94	340880	5.0369 ng/ml
Norfentanyl	4.086	14824	259.77	35.4	42.80	1338882	0.5218 ng/ml
Norhydrocodone	3.066	6505	35.68	44.1	40.03	115515	5.0885 ng/ml
Noroxycodone	2.909	41431	801.90	43.2	387.30	281598	5.0466 ng/ml
O-desmethyl-tramadol	3.376	179040	9556.92	6.9	278.30	2207367	5.0933 ng/ml
Oxazepam	5.756	96621	426.97	73.4	943.07	738265	5.0232 ng/ml
Oxycodone	2.834	76212	552.26	28.2	226.87	671890	5.0146 ng/ml
Oxymorphone	1.405	39138	∞	44.1	430.06	278944	4.9971 ng/ml
Phentermine	3.790	35928	109.16	4.5	10.53	771319	4.7910 ng/ml
Promethazine	5.538	59158	375.82	27.9	107.23	506383	5.0991 ng/ml
Pseudoephedrine	2.603	182825	2300.62	16.3	2515.09	1750906	5.1560 ng/ml
Quetiapine	5.555	61679	22126.89	58.5	97516.71	165151	5.0722 ng/ml
Sertraline	5.776	14581	129.95	96.8	136.74	137178	4.9954 ng/ml
Temazepam	5.823	160379	1497.35	28.7	115.43	1547494	6.0506 ng/ml
Tramadol	4.246	187191	16483.19	3.6	63.47	1786687	5.0485 ng/ml
Trazodone	5.176	50086	83523.03	79.2	153119.73	413474	5.0064 ng/ml
Venlafaxine	5.037	158007	3702.86	35.8	339.20	1605193	5.1571 ng/ml
Zolpidem	4.928	175838	1172.22	30.2	1649.09	1681779	5.0021 ng/ml

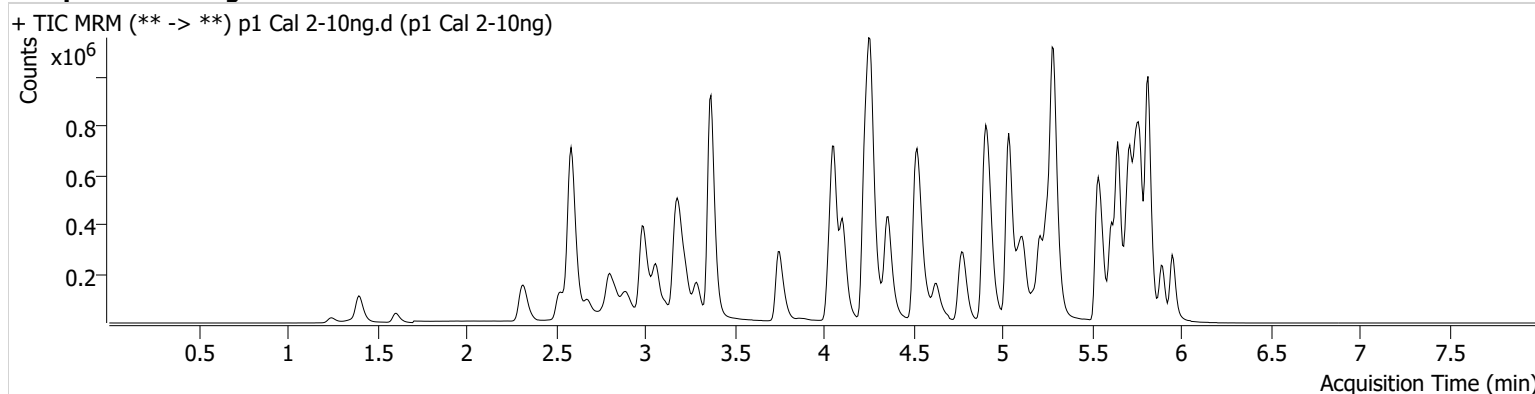
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 3:15:01 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4123	347.36	69.9	185.03	106868	1.0130 ng/ml
7-aminoclonazepam	4.271	92614	2837.97	75.3	109.00	339166	10.0246 ng/ml
a-hydroxyalprazolam	5.699	47400	196.16	57.2	1384.25	521025	10.4846 ng/ml
alpha-PHP	4.937	57946	1343.30	258.7	3694.53	925883	10.8560 ng/ml
alpha-PVP	4.370	203372	12448.21	53.1	347.40	925883	9.6764 ng/ml
Alprazolam	5.775	144470	5725.87	114.4	1096.65	521025	9.7221 ng/ml
Amphetamine	3.069	338177	1621.06	52.3	2021.07	379779	10.4408 ng/ml
Benzoylecgonine	3.892	3864	43.62	9.7	∞	15298	10.1667 ng/ml
Buprenorphine	5.880	4718	159.21	14.8	711.49	181663	0.9668 ng/ml
Bupropion	4.788	187925	579.73	61.8	241.58	670848	9.8838 ng/ml
Carisoprodol	5.724	141770	698798.71	61.6	135.10	754870	9.5504 ng/ml
Citalopram	5.212	150766	287.43	38.5	199.66	685265	9.9794 ng/ml
Clonazepam	5.612	160175	401.02	33.1	2036.38	197278	10.0005 ng/ml
Clonazepam	5.555	108745	76287.24	38.3	59876.03	197278	9.8319 ng/ml
Cocaine	4.264	163772	295.82	55.8	463.09	1656102	9.6180 ng/ml
Codeine	2.580	21075	119.91	99.4	185175.46	102333	10.0490 ng/ml
Cyclobenzaprine	5.615	92311	1688.89	8.3	938.48	389864	9.8461 ng/ml
Dextromethorphan	5.262	80207	160.06	79.1	92298.06	386017	9.9414 ng/ml
Dextrophan	4.111	62157	704.23	203.9	717.65	755461	9.7731 ng/ml
Diazepam	5.960	92382	512.52	87.5	353.65	428667	9.9641 ng/ml
Dihydrocodeine	2.552	49265	2139.64	68.5	76.49	304263	10.1610 ng/ml
Diphenhydramine	5.289	365714	543.70	34.1	2570.58	2297786	9.7182 ng/ml
Doxylamine	4.536	421148	2100.66	95.7	532.62	1869909	9.6544 ng/ml
EDDP	5.254	80403	113.80	41.1	∞	437657	9.9097 ng/ml
Etizolam	5.813	98796	147428.68	26.7	31523.19	197278	10.5715 ng/ml
Fentanyl	5.109	11123	185.51	61.9	30108.06	524410	1.0120 ng/ml
Flualprazolam	5.705	66795	81619.51	104.0	2533.99	521025	9.9254 ng/ml
Fluoxetine	5.707	118390	2177.22	8.2	51.12	471303	9.8619 ng/ml
Hydrocodone	3.018	75244	65.69	39.6	69.77	944725	9.9813 ng/ml
Hydromorphone	1.608	69275	459635.13	76.9	5433.51	9160	10.3882 ng/ml
Ketamine	4.051	157418	236.40	35.4	60.56	769511	9.9380 ng/ml
Lamotrigine	4.280	15761	575.74	85.3	69.72	769511	10.0381 ng/ml
Levetiracetam	2.683	64061	968.00	164.7	177.51	1805876	9.5365 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	160075	1020.77	57.9	405.86	197278	10.3811 ng/ml
MDA	3.203	278202	1018.00	22.7	26.90	691944	10.4702 ng/ml
MDMA	3.296	151532	2990.82	82.0	697.71	147780	9.7383 ng/ml
Meprobamate	4.917	84403	37422.10	27.4	6098.57	366034	10.3706 ng/ml
Methadone	5.653	250697	4292.78	52.3	5129.18	1182142	10.2949 ng/ml
Methamphetamine	3.231	220136	433.18	37.7	201.82	777895	10.1910 ng/ml
Metoprolol	4.326	41956	46392.67	94.9	769.19	1858770	10.1970 ng/ml
Mirtazapine	4.631	229783	856.24	53.0	1498.36	925883	36.1595 ng/ml
Mitragynine	5.237	45467	71524.32	37.9	1876.84	1182142	10.4078 ng/ml
Morphine	1.253	10167	688.08	39.5	74.06	9160	9.9753 ng/ml
Norbuprenorphine	4.992	631	465.32	91.0	1238.63	27960	0.8688 ng/ml
Nordiazepam	5.900	99816	1092.45	55.4	17850.25	337784	9.8629 ng/ml
Norfentanyl	4.079	30908	143.31	34.9	162.58	1415023	0.9539 ng/ml
Norhydrocodone	3.059	13404	84.86	41.9	75.21	117197	10.0299 ng/ml
Noroxycodone	2.909	82364	401.42	42.9	399.31	285404	9.8715 ng/ml
O-desmethyl-tramadol	3.369	359040	18489.21	6.8	1123.63	2210102	9.8655 ng/ml
Oxazepam	5.756	179430	776.41	73.2	3472.70	730305	9.7931 ng/ml
Oxycodone	2.834	151029	960.25	28.5	277.25	685297	9.8895 ng/ml
Oxymorphone	1.405	77268	192.81	44.1	190.21	281298	9.9014 ng/ml
Phentermine	3.783	76138	323.19	4.1	17.00	841064	10.2656 ng/ml
Promethazine	5.538	213358	1719.80	27.9	3091.62	927196	9.7501 ng/ml
Pseudoephedrine	2.596	372258	1864.52	16.6	272.36	1805876	9.7293 ng/ml
Quetiapine	5.555	172966	480.35	60.0	157849.81	236323	9.8004 ng/ml
Sertraline	5.776	53985	159.02	93.8	180.95	248205	10.1270 ng/ml
Temazepam	5.823	308675	1803.01	28.9	230.46	1525767	10.3120 ng/ml
Tramadol	4.246	376382	1113.80	3.8	80.25	1858770	9.8564 ng/ml
Trazodone	5.176	154581	211098.76	79.4	302.10	639880	10.0386 ng/ml
Venlafaxine	5.037	335872	995.95	36.6	326.23	1757684	9.6323 ng/ml
Zolpidem	4.928	354159	4190.25	30.9	1850.97	1764268	9.8715 ng/ml

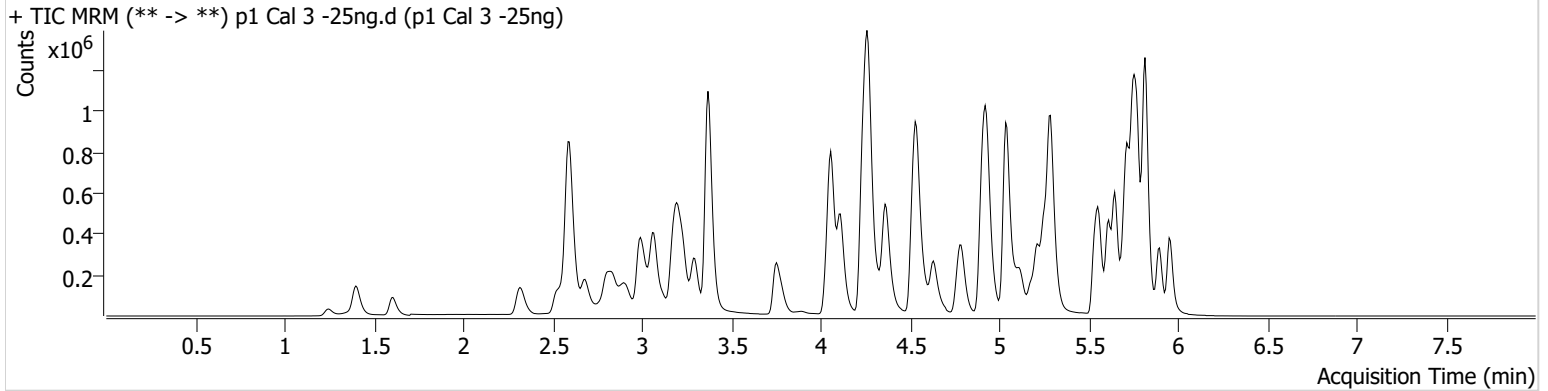
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 3:25:37 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	9085	2198.19	68.0	8459.31	103360	2.2298 ng/ml
7-aminoclonazepam	4.278	200962	433.72	76.0	125.31	307645	24.1446 ng/ml
a-hydroxyalprazolam	5.699	107952	378.98	59.7	685.39	526867	24.9562 ng/ml
alpha-PHP	4.937	124806	2952.93	264.6	1909.23	836853	26.2213 ng/ml
alpha-PVP	4.370	457470	700.15	53.7	2280.37	836853	23.5963 ng/ml
Alprazolam	5.775	354801	1470.35	109.5	4143.05	526867	23.4924 ng/ml
Amphetamine	3.069	679160	791.69	52.6	1116.22	320271	26.0993 ng/ml
Benzoylecgonine	3.899	10033	120.33	8.1	119.23	15700	23.3912 ng/ml
Buprenorphine	5.880	6513	8457.27	16.0	1827.93	107209	2.1444 ng/ml
Bupropion	4.795	383180	16168.32	62.0	1598.36	563208	23.7935 ng/ml
Carisoprodol	5.724	328894	787482.01	61.7	7508.94	715547	22.8231 ng/ml
Citalopram	5.212	246296	10277.95	40.2	281.30	475842	23.4024 ng/ml
Clonazepam	5.612	393668	804.97	32.4	550283.30	192548	25.6424 ng/ml
Clonazepam	5.555	260212	117718.86	39.3	13002.73	192548	24.4894 ng/ml
Cocaine	4.264	384914	819.15	54.1	3856.90	1548823	23.7232 ng/ml
Codeine	2.580	50658	461.77	94.8	9726.87	98388	26.1317 ng/ml
Cyclobenzaprine	5.622	109672	158453.62	8.3	826.93	188484	23.7609 ng/ml
Dextromethorphan	5.262	115290	2484.06	81.7	127963.50	226935	23.9512 ng/ml
Dextrophan	4.111	142726	158980.58	202.5	678621.34	703810	23.8064 ng/ml
Diazepam	5.960	224706	3752.39	87.2	2788.97	422710	24.4065 ng/ml
Dihydrocodeine	2.559	119147	4817.49	68.6	906.81	302261	25.8699 ng/ml
Diphenhydramine	5.289	596188	348.77	34.3	15970.35	1533113	23.1219 ng/ml
Doxylamine	4.536	970366	41982.25	95.8	3730.62	1716326	24.2102 ng/ml
EDDP	5.254	195287	1052.59	42.0	9413.30	439763	23.2428 ng/ml
Etizolam	5.813	232764	5119.13	25.0	46318.18	192548	22.4126 ng/ml
Fentanyl	5.109	13430	801.39	62.0	21.07	262492	2.3912 ng/ml
Flualprazolam	5.705	161055	9663.80	101.7	6859.70	526867	23.7338 ng/ml
Fluoxetine	5.707	128713	1311.84	8.2	340.60	210753	24.7649 ng/ml
Hydrocodone	3.018	179304	653.37	40.9	160.20	910874	25.2770 ng/ml
Hydromorphone	1.608	146827	3071.76	87.5	1690.60	8445	23.6744 ng/ml
Ketamine	4.051	368216	10576.73	35.6	126.85	730585	24.7042 ng/ml
Lamotrigine	4.280	37799	937.86	78.7	613.16	730585	26.8473 ng/ml
Levetiracetam	2.683	153394	1586.92	161.4	630.90	1697821	23.9340 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	368623	11490.41	57.6	395.69	192548	25.7056 ng/ml
MDA	3.203	583227	3572.26	23.6	123.58	609442	25.9886 ng/ml
MDMA	3.296	343218	137919.51	81.8	2554.20	136034	23.7021 ng/ml
Meprobamate	4.924	195856	9669.52	27.5	1168.12	353194	26.4020 ng/ml
Methadone	5.653	352336	5877.41	51.4	13188.82	697191	22.6949 ng/ml
Methamphetamine	3.238	404857	622.14	37.2	385.32	625379	25.3967 ng/ml
Metoprolol	4.326	97019	126780.04	93.5	687.07	1786321	24.6730 ng/ml
Mirtazapine	4.631	405697	9558.89	51.5	10490.00	836853	47.3010 ng/ml
Mitragynine	5.237	64244	975.59	38.3	2837.70	697191	25.1408 ng/ml
Morphine	1.247	22785	3209.43	39.8	201.25	8445	24.4551 ng/ml
Norbuprenorphine	4.992	1035	1256.89	87.2	2208.91	17901	2.5239 ng/ml
Nordiazepam	5.900	247460	1604.03	52.8	914.04	333587	24.6588 ng/ml
Norfentanyl	4.086	73617	584.37	34.4	127.07	1346842	2.2702 ng/ml
Norhydrocodone	3.066	29563	53.79	42.2	65.97	109612	23.2505 ng/ml
Noroxycodone	2.909	191194	865.01	43.4	1487.87	270220	24.1611 ng/ml
O-desmethyl-tramadol	3.376	846246	26189.43	7.1	1366.61	2154737	23.3755 ng/ml
Oxazepam	5.756	427181	9305.59	72.5	338.45	702299	24.8555 ng/ml
Oxycodone	2.834	350090	1891.69	28.5	1429.32	650624	24.3698 ng/ml
Oxymorphone	1.405	176288	343.75	43.1	269.40	260152	24.6078 ng/ml
Phentermine	3.790	162371	244.69	3.8	36.26	731591	26.6370 ng/ml
Promethazine	5.538	257211	253.86	28.2	345.97	443554	24.1100 ng/ml
Pseudoephedrine	2.596	859817	9261.28	16.2	3629.48	1697821	23.2300 ng/ml
Quetiapine	5.555	306635	1286.42	58.2	310.65	168895	24.0950 ng/ml
Sertraline	5.776	60987	818.88	93.9	1148.08	116558	24.2351 ng/ml
Temazepam	5.823	722317	872.54	28.4	297.77	1480765	22.6420 ng/ml
Tramadol	4.246	876155	1463.48	3.7	272.13	1786321	24.0257 ng/ml
Trazodone	5.176	233595	668289.86	80.7	12372.89	401819	24.2341 ng/ml
Venlafaxine	5.037	790664	27700.11	35.9	340.34	1667217	23.3090 ng/ml
Zolpidem	4.928	858788	15202.81	30.4	66235.89	1738243	24.7205 ng/ml

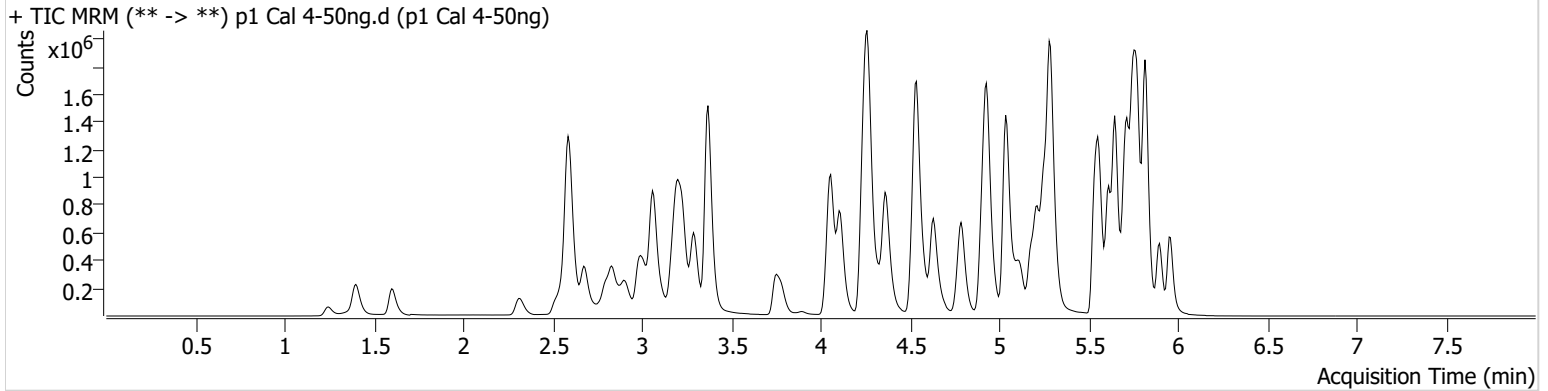
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 3:36:13 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	21799	22635.30	66.3	58464.18	106896	5.0921 ng/ml
7-aminoclonazepam	4.271	453092	394.20	75.7	616.59	311018	53.9912 ng/ml
a-hydroxyalprazolam	5.692	222626	2520.16	57.8	327.00	493357	56.2516 ng/ml
alpha-PHP	4.937	288428	1400.59	260.3	2243.68	887077	57.4672 ng/ml
alpha-PVP	4.370	1063012	59081.70	53.1	254.76	887077	51.3369 ng/ml
Alprazolam	5.775	731301	6886.81	110.0	776.88	493357	51.6102 ng/ml
Amphetamine	3.063	1678817	6806.61	52.6	496.65	361993	58.1403 ng/ml
Benzoylecgonine	3.892	19771	85.43	9.0	524.51	15257	45.8651 ng/ml
Buprenorphine	5.880	24449	2709.79	14.9	2158.03	168233	5.0080 ng/ml
Bupropion	4.788	950460	1335.88	61.6	15664.82	639295	51.8191 ng/ml
Carisoprodol	5.724	692208	309286.45	57.5	3562.96	679797	50.0988 ng/ml
Citalopram	5.212	754931	4241.03	39.4	254.64	654827	52.0566 ng/ml
Clonazepam	5.612	800681	1832.38	32.4	34411.54	186926	54.0544 ng/ml
Clonazepam	5.549	540418	5961.14	38.1	219902.66	186926	52.6921 ng/ml
Cocaine	4.264	866811	39266.39	52.6	423.77	1583664	51.8925 ng/ml
Codeine	2.573	108390	949.83	97.9	11667.29	98938	56.3580 ng/ml
Cyclobenzaprine	5.615	434097	1178.22	8.6	382.36	339274	51.8909 ng/ml
Dextromethorphan	5.262	401613	332.77	81.2	8803.05	368367	51.1178 ng/ml
Dextrophan	4.112	333839	3577.11	202.2	1840.27	754317	51.7279 ng/ml
Diazepam	5.960	470783	445.19	87.3	844.35	407908	52.8531 ng/ml
Dihydrocodeine	2.552	259350	3049.26	69.2	3576.02	302518	57.1917 ng/ml
Diphenhydramine	5.289	1849088	27237.22	34.1	411.17	2164252	50.2838 ng/ml
Doxylamine	4.536	2208749	671.27	95.4	3053.89	1798037	52.5835 ng/ml
EDDP	5.254	534803	20213.53	41.9	270.42	554985	49.8496 ng/ml
Etizolam	5.813	497617	21564.69	24.5	27633.45	186926	46.7153 ng/ml
Fentanyl	5.109	55691	479.38	64.6	101705.60	496295	5.2025 ng/ml
Flualprazolam	5.705	336299	129689.70	102.2	5728.34	493357	52.9846 ng/ml
Fluoxetine	5.707	489564	14725.79	8.7	938.37	372989	53.8557 ng/ml
Hydrocodone	3.012	398966	287.30	41.5	209.15	945739	54.6420 ng/ml
Hydromorphone	1.601	356028	2068.26	78.9	3514.12	8866	54.4726 ng/ml
Ketamine	4.051	808136	9864.56	35.6	1647.08	762333	52.1268 ng/ml
Lamotrigine	4.280	79549	2515.52	82.0	1693.94	762333	55.1417 ng/ml
Levetiracetam	2.676	337337	700.59	161.2	5805.07	1777432	50.0250 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	724353	14862.55	56.6	924.30	186926	52.9446 ng/ml
MDA	3.203	1356170	3217.43	24.6	82.63	664738	56.2793 ng/ml
MDMA	3.290	816375	7961.92	80.9	3225.85	149405	51.1247 ng/ml
Meprobamate	4.917	392262	18034.39	28.0	369.64	345431	55.1571 ng/ml
Methadone	5.646	1266358	974.32	50.6	476.26	1123908	48.9658 ng/ml
Methamphetamine	3.231	1027524	1442.00	37.7	496.72	761415	54.6954 ng/ml
Metoprolol	4.326	216560	551937.70	91.7	3205.20	1845753	53.4136 ng/ml
Mirtazapine	4.631	1180206	7885.94	52.7	2866.89	887077	87.1214 ng/ml
Mitragynine	5.237	220660	218354.99	39.5	945.48	1123908	53.7325 ng/ml
Morphine	1.247	52017	9555.98	38.4	329.85	8866	53.3507 ng/ml
Norbuprenorphine	4.986	2831	6560.18	96.4	2295.08	26161	4.8940 ng/ml
Nordiazepam	5.900	501241	36506.67	56.0	2197.42	327241	50.8454 ng/ml
Norfentanyl	4.079	166583	454.73	34.5	883.87	1365130	4.9725 ng/ml
Norhydrocodone	3.060	59550	85.65	43.8	93.67	104230	48.9223 ng/ml
Noroxycodone	2.909	413038	713.40	43.9	2166.60	270841	52.0430 ng/ml
O-desmethyl-tramadol	3.369	1887443	1176.30	6.9	8267.90	2206481	50.5189 ng/ml
Oxazepam	5.756	846033	764.30	73.8	327.06	665377	52.4091 ng/ml
Oxycodone	2.827	789355	1673.61	28.1	1122.39	670759	53.4822 ng/ml
Oxymorphone	1.398	389558	∞	42.4	812.91	261676	54.2094 ng/ml
Phentermine	3.783	381861	806.07	3.9	94.42	823261	56.7718 ng/ml
Promethazine	5.538	1013565	33180.13	27.9	386.01	837069	50.0140 ng/ml
Pseudoephedrine	2.596	1925849	18119.46	16.3	34140.41	1777432	49.1752 ng/ml
Quetiapine	5.562	861504	371.86	57.9	336772.22	221468	51.4597 ng/ml
Sertraline	5.776	219659	329.01	96.8	1118.55	201973	50.2766 ng/ml
Temazepam	5.823	1510157	16615.79	28.4	1609.92	1380385	48.8234 ng/ml
Tramadol	4.246	1974220	1643.97	3.7	518.29	1845753	52.5188 ng/ml
Trazodone	5.176	757616	1233403.59	82.7	471114.82	614871	51.4254 ng/ml
Venlafaxine	5.037	1787200	4087.17	36.4	681.43	1727141	50.3833 ng/ml
Zolpidem	4.928	1873332	5541.10	30.3	2022.75	1776838	53.0831 ng/ml

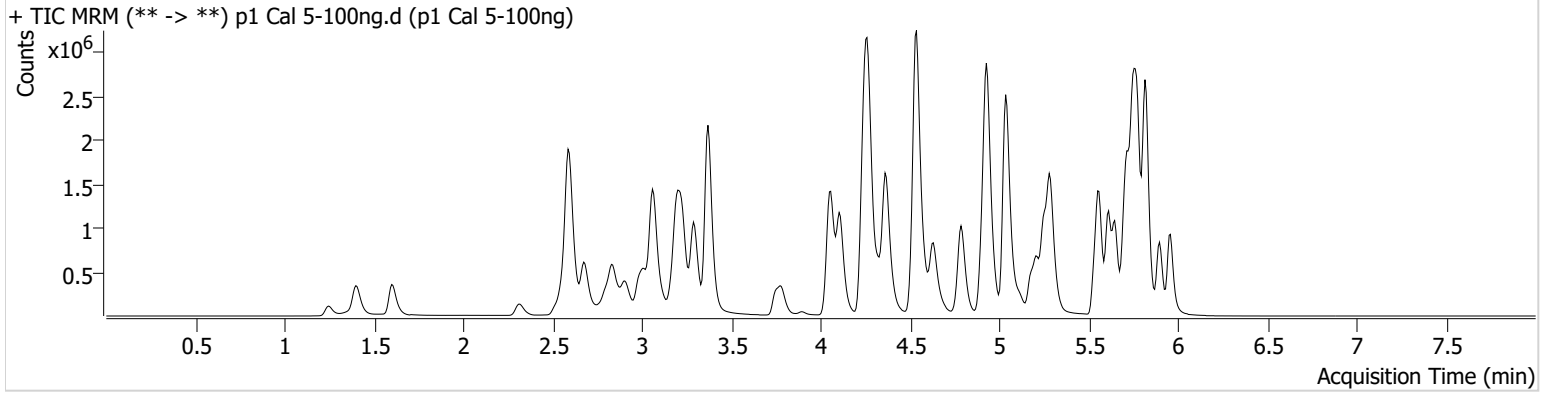


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument Falco (069901) Data File p1 Cal 5-100ng.d
Type Cal Sample p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-D12 Comment
Injection Volume 2
Acq. Date-Time 7/28/2021 3:46:50 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	42584	5695.88	65.7	6926.64	109580	9.6481 ng/ml
7-aminoclonazepam	4.271	774721	7262.40	75.6	13123.31	276041	104.1231 ng/ml
a-hydroxyalprazolam	5.692	389180	803.21	58.3	463.90	484452	100.9794 ng/ml
alpha-PHP	4.937	513872	12538.31	262.4	26152.42	1010999	89.9788 ng/ml
alpha-PVP	4.370	2324231	32644.17	53.2	779.79	1010999	98.1879 ng/ml
Alprazolam	5.775	1400652	1219.26	111.4	1832.73	484452	100.5862 ng/ml
Amphetamine	3.063	2797585	5548.16	51.1	1348.37	322227	109.6214 ng/ml
Benzoylecgonine	3.892	38736	499.79	8.0	146.84	13671	98.4748 ng/ml
Buprenorphine	5.880	18684	5706.83	16.3	4277.26	66852	9.5504 ng/ml
Bupropion	4.788	1612066	20759.19	61.5	12239.03	563976	99.4911 ng/ml
Carisoprodol	5.724	1232817	104046.76	59.0	7292.15	617107	97.9239 ng/ml
Citalopram	5.212	730400	10805.72	39.7	2629.06	336729	97.8943 ng/ml
Clonazepam	5.612	1516438	19306.75	31.5	28719.50	180825	106.1197 ng/ml
Clonazepam	5.548	1042517	258218.29	38.1	689425.96	180825	105.3411 ng/ml
Cocaine	4.264	1716192	1679.44	53.3	153186.70	1656116	97.9826 ng/ml
Codeine	2.573	196621	822.91	98.2	893.18	95875	106.0862 ng/ml
Cyclobenzaprine	5.615	326938	380.78	8.6	402.68	134915	98.0121 ng/ml
Dextromethorphan	5.262	321381	338.09	80.3	321.93	151765	99.0551 ng/ml
Dextrophan	4.111	662167	13258.34	202.2	18664.98	773908	99.8253 ng/ml
Diazepam	5.960	908265	744.81	87.2	∞	411388	100.9981 ng/ml
Dihydrocodeine	2.552	497749	2599.76	68.3	930.39	306060	109.2014 ng/ml
Diphenhydramine	5.289	1788466	245630.27	34.0	869.75	1089809	96.1876 ng/ml
Doxylamine	4.536	4711203	73754.81	96.0	85050.73	2039277	98.8765 ng/ml
EDDP	5.254	1025399	11392.47	41.5	574.91	543127	97.1841 ng/ml
Etizolam	5.813	938757	4257.41	25.3	38028.55	180825	89.0148 ng/ml
Fentanyl	5.109	37489	930.83	66.4	2640.56	174468	9.9299 ng/ml
Flualprazolam	5.705	633739	9958.78	101.6	34426.57	484452	101.7269 ng/ml
Fluoxetine	5.707	348369	∞	8.4	68.15	141144	101.7580 ng/ml
Hydrocodone	3.012	767424	∞	41.1	∞	939048	106.2418 ng/ml
Hydromorphone	1.601	666551	2082580.51	78.5	6383.55	8562	105.4547 ng/ml
Ketamine	4.051	1584251	1353.50	35.9	1228.38	769489	101.3793 ng/ml
Lamotrigine	4.280	139453	2279.98	81.4	2298.77	769489	96.4873 ng/ml
Levetiracetam	2.676	606240	8031.49	160.1	1213.42	1697947	93.9084 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1183507	308823.67	56.1	669.08	180825	90.0383 ng/ml
MDA	3.203	2292758	5090.09	24.2	133.95	602716	105.6061 ng/ml
MDMA	3.290	1563690	5600.02	80.5	4601.36	147529	99.0027 ng/ml
Meprobamate	4.917	680788	525.12	28.3	10967.65	333284	100.0478 ng/ml
Methadone	5.646	1038354	759.64	50.9	612.76	476040	93.5476 ng/ml
Methamphetamine	3.231	1513955	5271.54	38.2	1141.76	612192	101.5787 ng/ml
Metoprolol	4.326	471124	7502.98	93.7	3897.77	2030102	105.7447 ng/ml
Mirtazapine	4.631	1266710	1618.08	51.7	2639.58	1010999	83.4713 ng/ml
Mitragynine	5.237	170535	2048.21	39.3	1125.39	476040	98.1640 ng/ml
Morphine	1.247	97972	440.37	38.4	1947.68	8562	104.1880 ng/ml
Norbuprenorphine	4.986	2750	342.94	87.2	2550.43	12371	10.2561 ng/ml
Nordiazepam	5.900	975010	21705.37	54.3	829.20	319249	101.3136 ng/ml
Norfentanyl	4.079	348510	3331.42	34.8	764.83	1474280	9.5599 ng/ml
Norhydrocodone	3.059	109918	219.78	43.9	59.36	100769	93.1343 ng/ml
Noroxycodone	2.909	751525	864.03	43.6	527.62	256692	99.8856 ng/ml
O-desmethyl-tramadol	3.369	3642816	24108.81	6.8	∞	2169021	98.8643 ng/ml
Oxazepam	5.756	1475627	16976.56	72.1	5417.51	582202	104.8808 ng/ml
Oxycodone	2.834	1515015	5228.71	27.7	1347.80	671102	102.7389 ng/ml
Oxymorphone	1.398	701924	1512.42	43.1	841.92	250952	101.9597 ng/ml
Phentermine	3.783	680552	4441.15	4.0	64.37	782402	107.3480 ng/ml
Promethazine	5.538	786053	731.71	28.6	339.70	328905	98.4199 ng/ml
Pseudoephedrine	2.596	3567798	644.80	15.9	533.50	1697947	94.9325 ng/ml
Quetiapine	5.562	999085	272.39	58.5	3221.08	131807	100.1351 ng/ml
Sertraline	5.776	184043	40441.11	93.8	316.31	84329	100.7995 ng/ml
Temazepam	5.823	2764253	1790.20	27.5	709.84	1284584	94.5108 ng/ml
Tramadol	4.246	4085688	2319.08	3.6	398.28	2030102	98.9125 ng/ml
Trazodone	5.176	736946	326.86	82.5	7050.43	306860	100.2842 ng/ml
Venlafaxine	5.037	3952874	1743.31	35.7	1345.91	1957224	97.9531 ng/ml
Zolpidem	4.928	3843153	11207.75	30.1	2821.17	1853268	104.6905 ng/ml

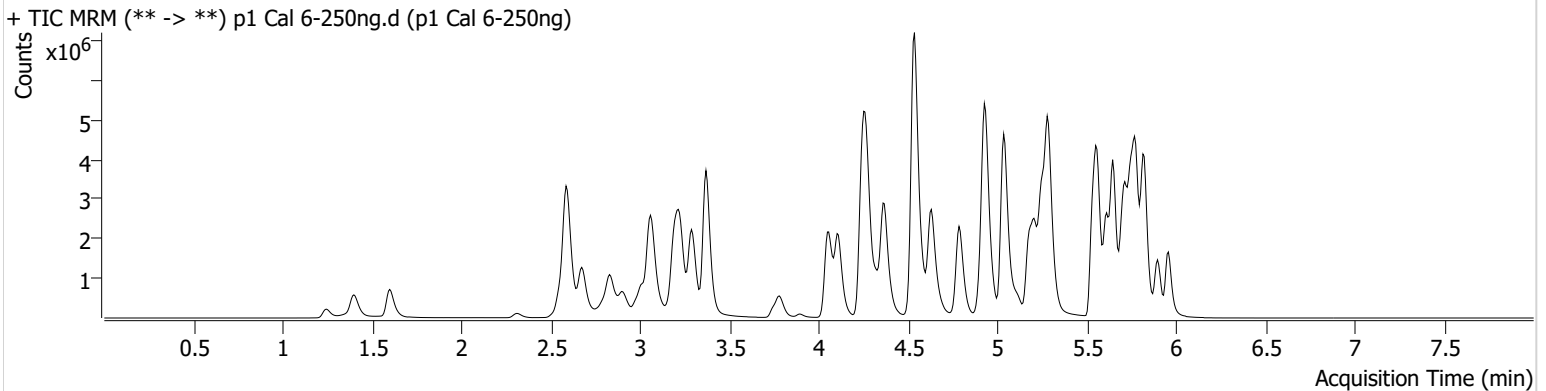


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 3:57:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	93759	2161.69	67.2	5636.46	94545	24.5252 ng/ml
7-aminoclonazepam	4.271	1435786	40350.09	75.8	11151.41	213524	249.6341 ng/ml
a-hydroxyalprazolam	5.692	635136	716.20	57.7	616.54	376731	213.0964 ng/ml
alpha-PHP	4.937	1166444	4572.26	266.5	75506.48	844640	244.9086 ng/ml
alpha-PVP	4.370	4844116	56776.53	52.3	2296.07	844640	244.4595 ng/ml
Alprazolam	5.775	2705028	1430.02	110.3	8532.35	376731	249.6802 ng/ml
Amphetamine	3.063	5530442	6730.57	51.0	12312.39	289552	242.2340 ng/ml
Benzoylecgonine	3.892	95557	366.75	8.0	3748.46	13575	242.3861 ng/ml
Buprenorphine	5.880	81102	65777.30	14.6	13748.02	111831	24.6427 ng/ml
Bupropion	4.788	3930909	871.14	62.4	∞	558273	244.8638 ng/ml
Carisoprodol	5.724	2063196	4197883.42	60.5	10563.06	413920	243.7599 ng/ml
Citalopram	5.212	2826994	∞	39.7	10131.50	515825	247.2579 ng/ml
Clonazepam	5.612	2648557	31764.39	30.8	2534.56	135733	247.3206 ng/ml
Clonazepam	5.548	1861363	41071.94	38.3	1429230.43	135733	250.9296 ng/ml
Cocaine	4.264	3466555	1438.65	53.2	913.20	1341893	243.8191 ng/ml
Codeine	2.573	364058	954.01	98.0	182.89	80796	233.8901 ng/ml
Cyclobenzaprine	5.615	1925881	75376.02	8.7	160.09	317774	244.6748 ng/ml
Dextromethorphan	5.262	1356167	20946.12	79.6	18634.62	254643	248.7475 ng/ml
Dextrophan	4.111	1489448	914.99	205.8	126555.07	697615	248.8111 ng/ml
Diazepam	5.960	1866144	966.21	87.8	835.09	341691	249.6693 ng/ml
Dihydrocodeine	2.545	1031204	20800.18	68.7	1311.23	270343	257.1883 ng/ml
Diphenhydramine	5.289	7143869	111413.95	32.8	31140.50	1655479	252.2260 ng/ml
Doxylamine	4.536	11313943	2924.61	95.2	248043.39	1886743	256.6222 ng/ml
EDDP	5.254	3294231	23116.26	41.8	27821.43	692187	244.2192 ng/ml
Etizolam	5.813	1857220	4161.10	25.1	20254.97	135733	231.0164 ng/ml
Fentanyl	5.109	222484	184.98	63.4	100.97	430326	23.8425 ng/ml
Flualprazolam	5.705	1217188	30183.00	96.7	8649.19	376731	251.3195 ng/ml
Fluoxetine	5.707	1977823	84987.83	8.3	3355.72	315394	259.3866 ng/ml
Hydrocodone	3.012	1527939	375.12	40.3	∞	826523	240.8463 ng/ml
Hydromorphone	1.601	1383524	1669268.72	78.5	1610795.50	7495	249.8556 ng/ml
Ketamine	4.051	3417075	29290.63	34.8	969.19	676314	249.0090 ng/ml
Lamotrigine	4.280	277059	11747.60	80.5	6108.45	676314	219.3378 ng/ml
Levetiracetam	2.676	1321299	3112.68	161.9	11873.02	1412113	245.7309 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1584038	33527.45	58.7	1897.30	135733	161.2428 ng/ml
MDA	3.196	4555596	2901.03	23.6	653.37	516496	245.8820 ng/ml
MDMA	3.290	3482199	8160.37	79.6	4822.87	129314	251.2504 ng/ml
Meprobamate	4.917	1171696	40136.31	27.7	254.38	274719	210.0320 ng/ml
Methadone	5.646	4966692	1475.39	49.0	6602.54	872698	241.9427 ng/ml
Methamphetamine	3.231	3452726	27457.10	36.9	1239.91	579542	246.9916 ng/ml
Metoprolol	4.326	945080	1095.30	93.1	6019.60	1605474	268.3792 ng/ml
Mirtazapine	4.631	4720582	5242.43	51.7	15197.82	844640	287.6426 ng/ml
Mitragynine	5.237	836214	53397.05	39.7	130031.68	872698	262.8105 ng/ml
Morphine	1.247	206864	∞	39.2	417.04	7495	251.5383 ng/ml
Norbuprenorphine	4.986	10062	42.02	96.3	27858.66	20199	23.2178 ng/ml
Nordiazepam	5.900	1922339	774.47	53.4	859.68	255521	249.4722 ng/ml
Norfentanyl	4.079	769544	2393.77	34.4	369.60	1273187	24.3223 ng/ml
Norhydrocodone	3.059	211946	256.95	43.7	141.44	74964	240.9307 ng/ml
Noroxycodone	2.903	1412185	19639.41	44.5	391.31	194853	247.2195 ng/ml
O-desmethyl-tramadol	3.369	7974456	1497.90	6.7	1944667.11	1873842	250.0016 ng/ml
Oxazepam	5.756	2248073	17038.41	72.6	186.00	371390	251.0547 ng/ml
Oxycodone	2.827	3183903	1409.08	27.8	780.19	591982	244.9846 ng/ml
Oxymorphone	1.398	1413396	2954.09	43.8	530.82	210445	244.9971 ng/ml
Phentermine	3.783	1431330	5757.89	4.0	1261.26	717753	247.4169 ng/ml
Promethazine	5.532	4777247	1708.24	27.1	1762.44	777944	252.4138 ng/ml
Pseudoephedrine	2.596	7708818	1342.57	15.7	77714.39	1412113	245.8990 ng/ml
Quetiapine	5.555	3592922	460.49	58.2	2746.95	194308	244.0666 ng/ml
Sertraline	5.776	952253	367.86	96.7	793.11	178942	245.6554 ng/ml
Temazepam	5.823	4886932	84495.67	26.9	34682.58	903496	235.1780 ng/ml
Tramadol	4.246	8511252	4046.91	3.5	909.14	1605474	260.7252 ng/ml
Trazodone	5.176	3433195	197346.71	80.9	236401.21	569717	251.7204 ng/ml
Venlafaxine	5.037	8810403	2804.13	34.6	738.81	1692429	251.8474 ng/ml
Zolpidem	4.928	8095651	208807.59	29.2	4629.60	1617423	253.1002 ng/ml

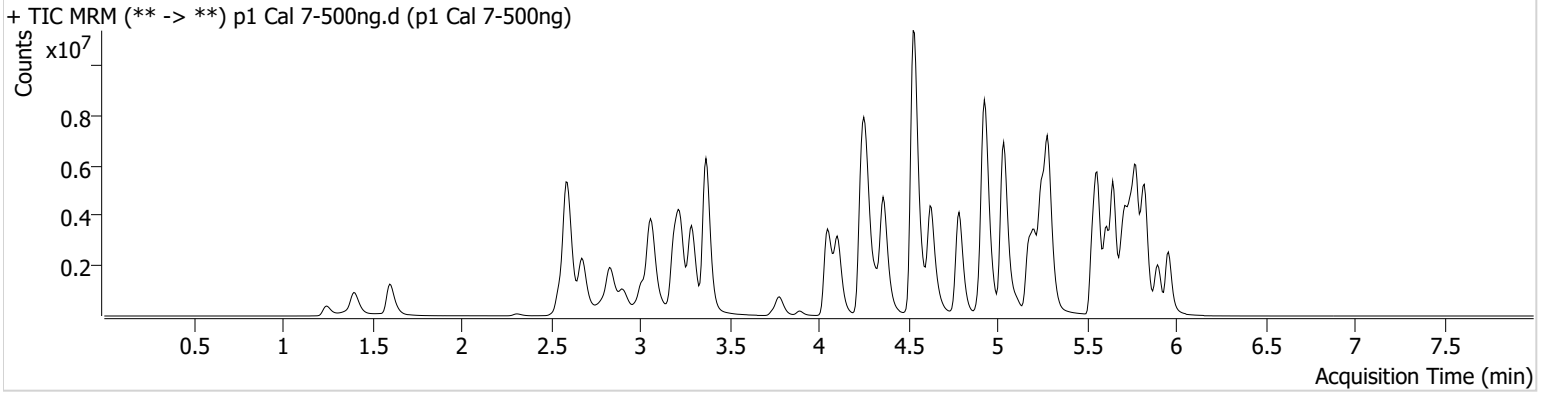


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument Falco (069901) Data File p1 Cal 7-500ng.d
Type Cal Sample p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-B12 Comment
Injection Volume 2
Acq. Date-Time 7/28/2021 4:08:01 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	189456	2171.15	68.5	1291.19	93690	49.9456 ng/ml
7-aminoclonazepam	4.278	2186446	8896.99	74.2	17700.02	163900	495.3630 ng/ml
a-hydroxyalprazolam	5.692	844079	1556.87	58.5	984.83	317169	337.0027 ng/ml
alpha-PHP	4.937	1762576	37424.63	269.1	26269.08	696614	448.9234 ng/ml
alpha-PVP	4.363	8306464	4625.08	52.4	2662.50	696614	507.9104 ng/ml
Alprazolam	5.775	4644493	893.11	112.7	∞	317169	509.1170 ng/ml
Amphetamine	3.063	8610123	24122.82	49.3	401.71	240667	454.5077 ng/ml
Benzoylecgonine	3.892	207005	5618.43	7.8	52086.75	15106	470.4122 ng/ml
Buprenorphine	5.880	121178	147418.67	13.8	218.58	69201	59.3776 ng/ml
Bupropion	4.788	7364671	3038.07	61.2	3443.97	499650	512.4233 ng/ml
Carisoprodol	5.730	3082032	312215.17	58.7	8212.22	287338	524.1064 ng/ml
Citalopram	5.212	4200733	120010.47	39.4	44258.43	374635	505.8174 ng/ml
Clonazepam	5.612	4195074	48748.99	31.9	4809.16	111951	475.2296 ng/ml
Clonazepam	5.549	3001492	235580.64	38.4	24110.38	111951	490.8402 ng/ml
Cocaine	4.257	6018735	90730.86	52.9	46966.57	1118721	507.4545 ng/ml
Codeine	2.566	601406	1030.31	95.5	6314.37	73485	425.3653 ng/ml
Cyclobenzaprine	5.615	2274289	2249.62	8.7	461.17	177568	516.7489 ng/ml
Dextromethorphan	5.255	1822871	18548.98	80.7	8197.37	168340	505.5084 ng/ml
Dextrophan	4.111	2377977	6419.68	208.4	3489.69	558179	496.2801 ng/ml
Diazepam	5.960	3167996	∞	88.7	14859.98	291085	497.4129 ng/ml
Dihydrocodeine	2.545	1852244	186.35	69.3	5753.88	273647	456.9949 ng/ml
Diphenhydramine	5.289	10758173	101286.41	32.4	928.55	1213135	517.8789 ng/ml
Doxylamine	4.529	19050954	2622.36	95.9	111102.02	1566402	520.4658 ng/ml
EDDP	5.254	6521805	111630.74	40.1	34667.14	640940	521.5839 ng/ml
Etizolam	5.813	3245334	13501.73	25.1	1278452.94	111951	486.9798 ng/ml
Fentanyl	5.103	297516	6032.60	62.8	5307.20	265003	51.7325 ng/ml
Flualprazolam	5.705	2064417	986003.89	95.2	22892.49	317169	506.3479 ng/ml
Fluoxetine	5.707	1686044	22318.57	8.6	277140.21	137067	509.3333 ng/ml
Hydrocodone	3.012	2899177	663.12	41.3	∞	783283	482.6335 ng/ml
Hydromorphone	1.601	2592277	23934.42	78.9	1187467.70	7215	486.1612 ng/ml
Ketamine	4.051	6475826	229738.39	34.8	14948.79	641007	498.0487 ng/ml
Lamotrigine	4.280	428075	13368.64	81.6	3405.67	641007	358.1745 ng/ml
Levetiracetam	2.676	2413385	7133.93	165.5	24523.39	1226232	516.6184 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1713679	206181.91	57.1	946.62	111951	211.7742 ng/ml
MDA	3.196	6823312	14699.60	22.6	1034.97	402090	473.7792 ng/ml
MDMA	3.290	5837262	3931.65	78.7	6931.22	107892	504.6223 ng/ml
Meprobamate	4.911	1721696	49301.18	27.0	24331.97	251848	337.2762 ng/ml
Methadone	5.646	7068272	1091.64	49.3	98108.79	603453	496.5364 ng/ml
Methamphetamine	3.231	6131128	2370.11	36.4	2481.95	519984	490.4115 ng/ml
Metoprolol	4.326	1462333	1600.03	93.7	23959.04	1382932	482.1689 ng/ml
Mirtazapine	4.631	7564931	79929.99	51.2	129096.93	696614	535.8303 ng/ml
Mitragynine	5.237	1063529	442.45	39.1	1947.41	603453	483.5112 ng/ml
Morphine	1.247	389436	820.06	38.8	2078.64	7215	492.0485 ng/ml
Norbuprenorphine	4.986	14949	8298.99	102.7	149.92	13808	50.6850 ng/ml
Nordiazepam	5.900	2993917	1287.52	52.8	1182.61	200710	494.5745 ng/ml
Norfentanyl	4.079	1330485	15283.24	34.4	2181.44	1029021	51.9409 ng/ml
Norhydrocodone	3.059	390077	221.36	39.5	499.01	63500	523.1290 ng/ml
Noroxycodone	2.903	2310008	2268.89	42.8	494.47	158865	495.9724 ng/ml
O-desmethyl-tramadol	3.369	15734354	96318.49	6.4	22281.89	1745976	529.0274 ng/ml
Oxazepam	5.749	2540752	11655.49	72.4	4935.66	214816	490.9445 ng/ml
Oxycodone	2.827	6279771	8783.47	27.6	996.91	581225	492.2950 ng/ml
Oxymorphone	1.398	2564126	∞	44.8	1533.43	189346	494.1179 ng/ml
Phentermine	3.783	2212725	4820.22	4.0	1946.75	590245	466.0044 ng/ml
Promethazine	5.532	5444890	4576.44	27.1	21022.56	436679	512.2071 ng/ml
Pseudoephedrine	2.596	14337036	99625.94	15.4	194245.95	1226232	526.1272 ng/ml
Quetiapine	5.555	5282985	49150.26	59.1	1127.98	136791	509.6097 ng/ml
Sertraline	5.776	787675	1614.80	96.6	14561.44	73248	496.3177 ng/ml
Temazepam	5.823	6737762	139606.16	27.6	12088.65	623571	468.2332 ng/ml
Tramadol	4.239	14355235	2600.97	3.5	489.99	1382932	510.6092 ng/ml
Trazodone	5.176	4658006	103101.21	83.4	90243.94	401888	484.1950 ng/ml
Venlafaxine	5.037	14462046	216965.23	34.5	3052.74	1342775	520.6187 ng/ml
Zolpidem	4.928	14859719	248890.83	28.6	3235.54	1514758	496.3362 ng/ml

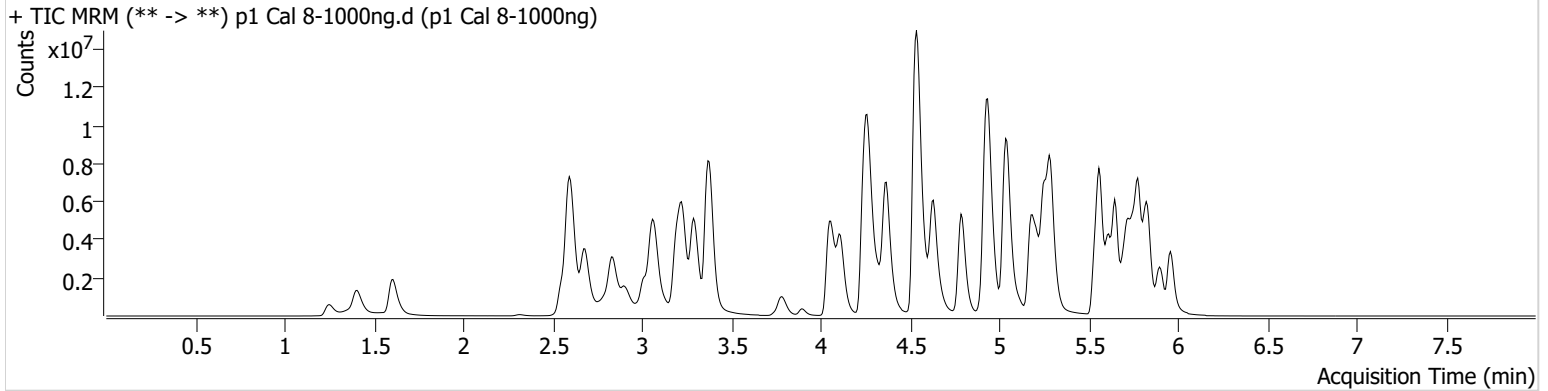
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\072821 AM 27 28 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 8/4/2021 10:48:24 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2021 4:18:37 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	335122	1139.55	67.5	5011.53	81914	100.9851 ng/ml
7-aminoclonazepam	4.285	2472133	337133.89	80.0	4988.30	99212	925.3766 ng/ml
a-hydroxyalprazolam	5.685	1008759	934.49	58.0	1550.60	229828	556.5048 ng/ml
alpha-PHP	4.937	2138776	4208.38	272.4	123997.55	528026	718.8178 ng/ml
alpha-PVP	4.370	13152016	151019.85	51.1	1235.10	528026	1060.6066 ng/ml
Alprazolam	5.775	6682711	∞	109.9	1281.94	229828	1010.8436 ng/ml
Amphetamine	3.069	11551067	17273.98	50.5	15410.53	178141	824.4965 ng/ml
Benzoylecgonine	3.892	414936	2894.70	8.0	344.58	13628	1043.3444 ng/ml
Buprenorphine	5.880	111019	2762.19	15.2	25861.01	28504	131.9612 ng/ml
Bupropion	4.788	9707996	249363.22	59.8	1726.45	333413	1012.1073 ng/ml
Carisoprodol	5.730	3905845	3524624.87	58.2	34129.62	175467	1087.2542 ng/ml
Citalopram	5.212	4755665	33373.54	38.6	725.77	207356	1034.5410 ng/ml
Clonazepam	5.612	5612345	98699.80	31.7	2110.04	78465	907.3860 ng/ml
Clonazepam	5.555	4026597	38008.53	37.5	1676246.42	78465	939.7345 ng/ml
Cocaine	4.264	9324578	3470.55	51.3	46678.47	833565	1054.8036 ng/ml
Codeine	2.573	839967	188.44	93.8	730.38	57037	765.9582 ng/ml
Cyclobenzaprine	5.615	2291387	2693.85	8.8	620.50	90609	1020.0084 ng/ml
Dextromethorphan	5.262	1881943	473.62	80.7	2653.00	86158	1019.4472 ng/ml
Dextrophan	4.111	3370416	49667.39	207.6	4152.31	380268	1032.2845 ng/ml
Diazepam	5.960	4509944	9198.84	89.9	103838.99	213308	966.1978 ng/ml
Dihydrocodeine	2.545	2926610	1658.85	68.3	629.76	246177	803.2372 ng/ml
Diphenhydramine	5.289	12648133	229441.41	32.3	22229.91	695550	1061.4787 ng/ml
Doxylamine	4.543	27904716	118680.40	96.7	567861.23	1270422	939.9440 ng/ml
EDDP	5.254	9680104	76185.79	40.0	39466.74	463299	1070.4802 ng/ml
Etizolam	5.813	4901791	48552.33	24.7	1978.06	78465	1046.9048 ng/ml
Fentanyl	5.109	321933	1792.82	64.0	10706.69	146802	101.0162 ng/ml
Flualprazolam	5.705	2824690	11496.62	94.4	34015.89	229828	956.1574 ng/ml
Fluoxetine	5.707	1207004	6781.05	8.6	57620.97	51203	976.5608 ng/ml
Hydrocodone	3.012	4650305	984.46	40.9	3414.18	660034	919.0799 ng/ml
Hydromorphone	1.608	4186893	1488665.64	79.5	822070.31	6169	918.2418 ng/ml
Ketamine	4.051	10531265	5492.09	34.3	9368.39	535998	968.7694 ng/ml
Lamotrigine	4.287	558500	6968.72	83.5	43495.37	535998	559.4005 ng/ml
Levetiracetam	2.683	3722623	27177.55	167.6	107189.67	888899	1099.0325 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1793998	120917.72	56.7	5584.86	78465	316.7535 ng/ml
MDA	3.196	8714146	16703.49	22.7	1400.83	287833	845.8618 ng/ml
MDMA	3.290	8636217	6199.58	80.6	31609.82	78195	1029.9452 ng/ml
Meprobamate	4.911	1989927	104908.98	28.0	51682.92	201613	487.4141 ng/ml
Methadone	5.646	7958920	57896.65	48.3	32127.26	330262	1020.1832 ng/ml
Methamphetamine	3.231	9797212	6793.70	35.9	27590.54	449176	908.5599 ng/ml
Metoprolol	4.326	2035639	8903.10	93.8	100269.42	1095881	847.0891 ng/ml
Mirtazapine	4.631	10300595	16228.05	51.0	13615.41	528026	943.0557 ng/ml
Mitragynine	5.237	1092100	2300.39	40.0	2089.27	330262	907.3303 ng/ml
Morphine	1.253	627841	15057.82	39.0	22626.73	6169	927.9283 ng/ml
Norbuprenorphine	4.992	15378	85.11	103.8	183.41	6912	104.3628 ng/ml
Nordiazepam	5.900	3977350	820.84	54.9	790.30	131482	1002.9024 ng/ml
Norfentanyl	4.079	2127523	16926.42	34.0	2835.02	754294	113.2153 ng/ml
Norhydrocodone	3.059	651704	571.28	38.6	264.62	49120	1129.5136 ng/ml
Noroxycodone	2.903	3282334	10190.51	42.6	456.87	110133	1016.5398 ng/ml
O-desmethyl-tramadol	3.376	23849144	∞	6.9	33457.10	1395862	1002.6928 ng/ml
Oxazepam	5.749	2414883	22131.64	73.5	3830.35	106824	938.7253 ng/ml
Oxycodone	2.827	10738366	1701.63	27.0	1225.12	503583	971.7644 ng/ml
Oxymorphone	1.405	4182829	555.59	43.3	∞	159980	954.1251 ng/ml
Phentermine	3.783	3251489	∞	4.0	3532.88	493867	819.1691 ng/ml
Promethazine	5.532	5409560	2037.68	27.3	3123.10	217326	1022.2139 ng/ml
Pseudoephedrine	2.596	21699390	154573.06	15.3	78922.06	888899	1097.9957 ng/ml
Quetiapine	5.562	8398401	648.54	57.7	74827.84	109091	1015.6890 ng/ml
Sertraline	5.776	593794	14452.90	94.7	4035.11	26604	1030.0256 ng/ml
Temazepam	5.830	8156753	29606.59	27.0	27313.12	334651	1054.2500 ng/ml
Tramadol	4.246	20939761	1317.88	3.6	1134.93	1095881	940.0022 ng/ml
Trazodone	5.176	8238159	142490.56	81.8	58649.88	337803	1018.8651 ng/ml
Venlafaxine	5.037	21249673	11529.25	35.9	23579.67	989994	1037.1592 ng/ml
Zolpidem	4.935	22972717	4126.82	29.9	5660.11	1277652	909.9641 ng/ml