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REVIEWED
By Tamara Salazar at 7:47 am, Dec 01, 2021

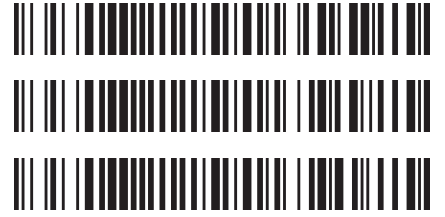
Worklist: 5417

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-4521	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4576	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4628	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4629	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4630	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4632	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4742	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4834	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2312	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3389	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3402	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3575	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3578	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3579	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3581	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3582	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3596	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3612	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3649	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3739	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3740	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 5417

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2021-3741	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3745	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3746	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 11/24/2021

Analyst: Celena Shrum

Plate lot#: 210610

Plate Retest Date: 12/10/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

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: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-250, Amphetamine 5-500, Dihydrocodeine 5-500, Lamotrigine 5-500, Lorazepam 5-100, Norbuprenorphine 5-100, Norhydrocodone 5-500, Trazodone 5-500

Clonazepam reported qualitatively only due to QC 100 accuracy being outside parameters.

A surrogate internal standard was used for alpha-hydroxyalprazolam and as such will be called qualitatively only.

QC 10 was reinjected as there were some compounds not meeting accuracy requirements.

The negative blood control was reinjected due to a low ISTD response for some compounds.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1						P2021-3746-1	P2021-3582-1	M2021-4834-2	M2021-4116-2	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2						P2021-3745-1	P2021-3581-1	M2021-4742-1	Urine NC	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3						P2021-3741-1	P2021-3579-1	M2021-4632-1	Blood NC	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4						P2021-3740-1	P2021-3578-1	M2021-4630-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2						P2021-3739-1	P2021-3575-1	M2021-4629-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6							P2021-3649-1	P2021-3402-2	M2021-4628-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7							P2021-3612-2	P2021-3389-1	M2021-4576-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8							P2021-3596-1	P2021-2312-1	M2021-4521-1	IS + QC_1	IS + Cal. 1



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 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		

Urine External Control Solution (Lot: WS110521)

*100 μ L of methanol external control solution was added to 9900 μ L of urine.
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:	11/05/2021	
Prepared by:	Celena Shrum	

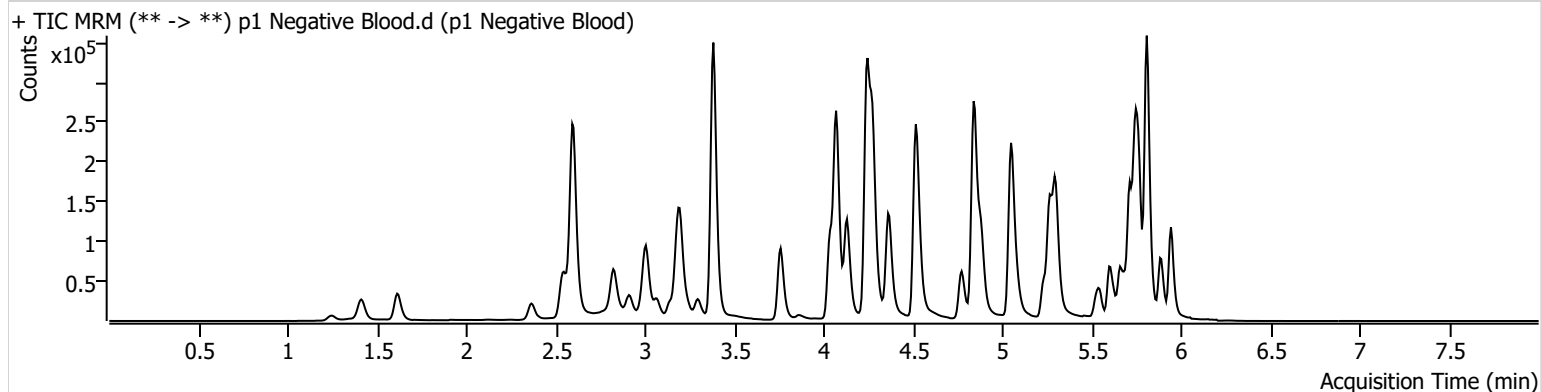
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	11/24/2021 7:52:02 PM		
Sample Info.			Sample was reinjected due to low ISTD responses for some compounds. Refer to reinject data.

Sample Chromatogram



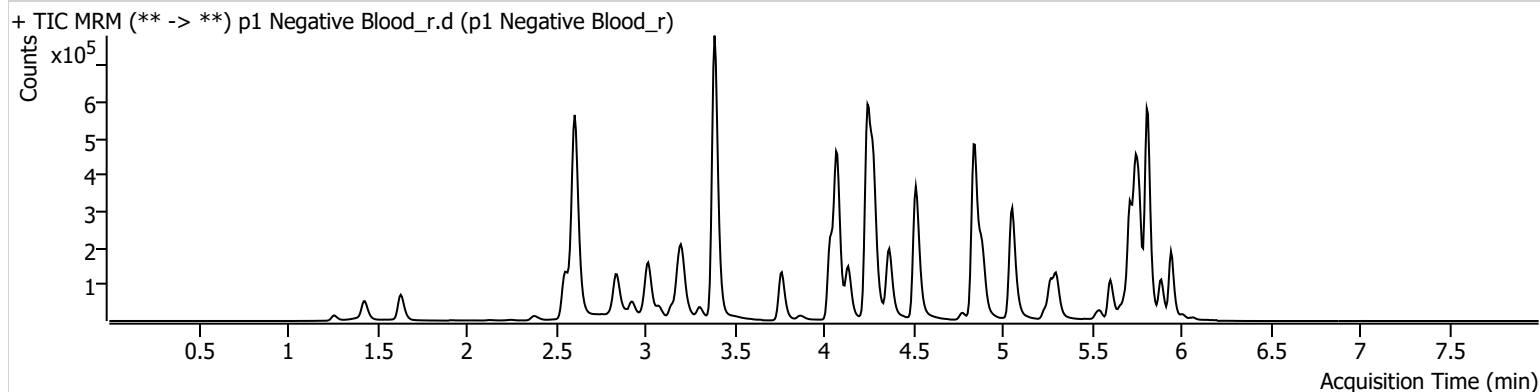
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood_r.d
Type	Sample	Sample	p1 Negative Blood_r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	11/30/2021 10:19:52 AM		
Sample Info.			Reinject data.

Sample Chromatogram



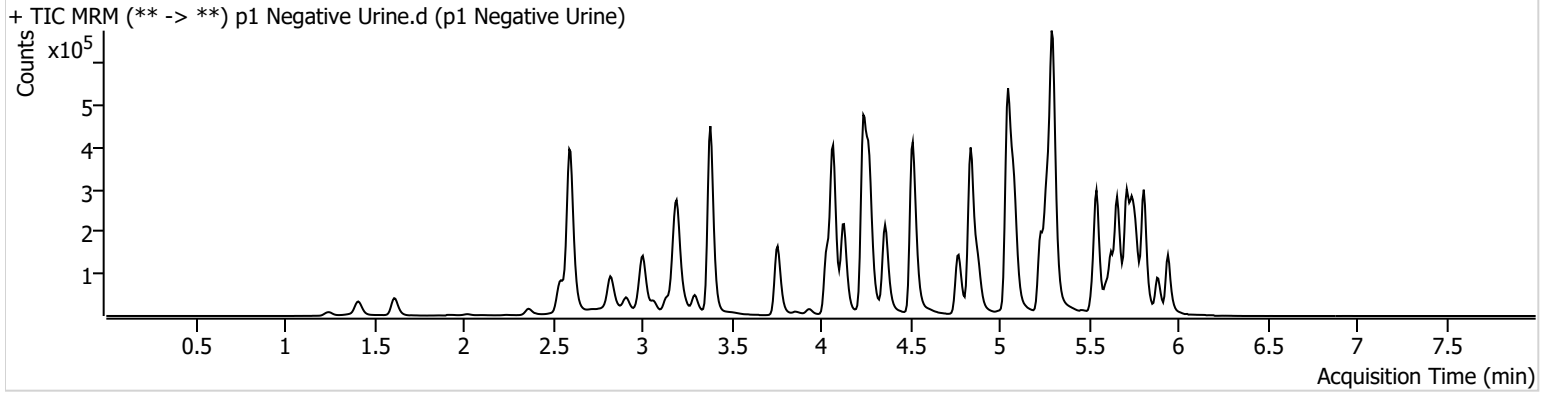
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 AM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B11	Comment	
Injection Volume	2		
Acq. Date-Time	11/24/2021 8:13:17 PM		
Sample Info.			

Sample Chromatogram





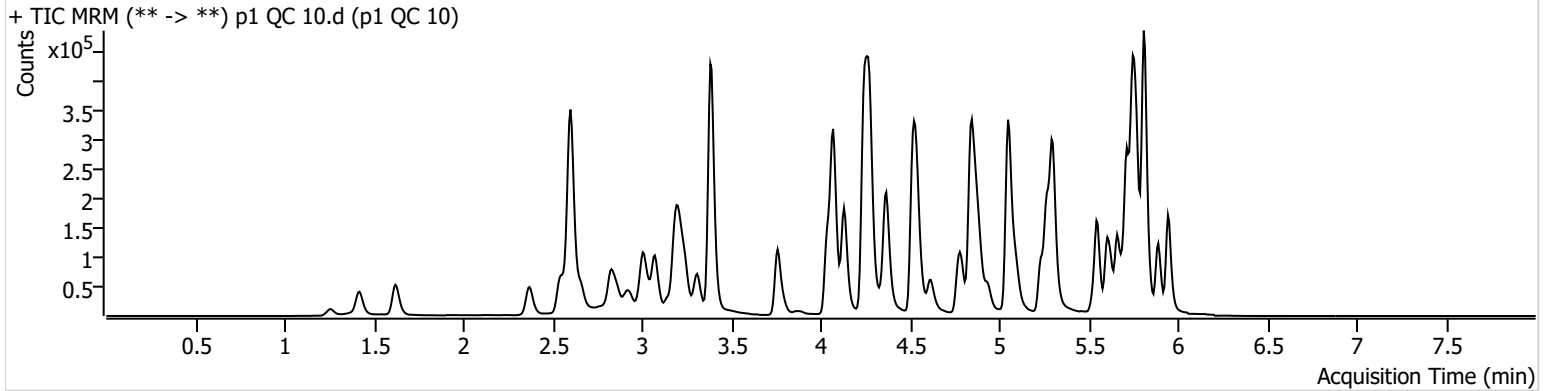
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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 11/24/2021 6:16:30 PM
Sample Info.

Sample was reinjected due to accuracy requirements not being met for some compounds. Refer to reinject data.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	1672	993.65	83.4	∞	44693	0.9700 ng/ml
7-aminoclonazepam	4.258	29323	181.96	81.4	493.97	161434	11.1141 ng/ml
a-hydroxyalprazolam	5.692	21143	190.32	71.3	93.20	263029	10.5048 ng/ml
alpha-PHP	4.937	23362	342.19	265.0	1390.89	374571	9.7427 ng/ml
alpha-PVP	4.376	94226	2884.03	49.4	747.64	374571	10.2832 ng/ml
Alprazolam	5.768	72380	548.69	116.4	1246.07	263029	10.3345 ng/ml
Amphetamine	3.076	138772	835.51	46.2	1036.36	126371	11.5369 ng/ml
Benzoylecgonine	3.886	2960	159.97	8.6	41.76	7673	12.0088 ng/ml
Buprenorphine	5.772	949	20.35	16.0	122.11	27422	1.1906 ng/ml
Bupropion	4.795	70810	4334.69	67.5	1099.97	209503	10.6387 ng/ml
Carisoprodol	5.724	81398	328919.10	51.4	775.80	297222	11.0574 ng/ml
Citalopram	5.232	43870	338.57	35.8	213.11	153547	12.0267 ng/ml
Clonazepam	5.605	95522	262.45	34.0	2869.13	107530	11.5869 ng/ml
Clonazepam	5.548	58988	5779.54	33.6	25553.23	107530	11.0980 ng/ml
Cocaine	4.271	79634	309.78	52.5	869.05	550616	10.9133 ng/ml
Codeine	2.600	10661	1068.96	107.2	440.01	48922	11.4646 ng/ml
Cyclobenzaprine	5.628	21102	176.79	8.5	53.47	76030	13.5857 ng/ml
Dextromethorphan	5.282	19801	267.05	84.0	220.92	80832	11.9998 ng/ml
Dextrophan	4.132	27337	1417.54	219.7	985.63	315597	11.0681 ng/ml
Diazepam	5.953	55290	693.56	89.3	1631.48	233544	11.0527 ng/ml
Dihydrocodeine	2.579	28522	79.77	56.7	153.09	148280	11.2764 ng/ml
Diphenhydramine	5.303	108146	462.08	29.4	6051.23	455935	11.5486 ng/ml
Doxylamine	4.536	191748	1936.13	102.1	3071.34	733565	10.6398 ng/ml
EDDP	5.268	56765	4737.17	41.6	57.91	273642	11.1557 ng/ml
Etizolam	5.813	36337	3607.94	26.1	23715.47	107530	10.5322 ng/ml
Fentanyl	5.103	2456	83.30	61.9	156.93	97196	1.4638 ng/ml
Flualprazolam	5.698	28221	1253.02	88.6	150.72	263029	10.9300 ng/ml
Fluoxetine	5.714	25687	515.43	7.6	2942.00	59852	14.5770 ng/ml
Hydrocodone	3.039	40378	119.13	29.8	335.99	199268	11.4644 ng/ml
Hydromorphone	1.628	34673	969.17	75.4	505.84	100317	11.1830 ng/ml
Ketamine	4.051	82299	349.77	38.5	51.99	296632	11.3811 ng/ml
Lamotrigine	4.287	7436	127.44	79.2	489.34	296632	11.9520 ng/ml
Levetiracetam	2.663	35388	746.29	145.6	1115.64	748854	9.7480 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	86138	1226.63	49.0	261.22	107530	11.5994 ng/ml
MDA	3.223	92261	620.83	31.2	140.79	248230	11.2530 ng/ml
MDMA	3.316	57223	1635.21	97.2	442.32	64548	10.6263 ng/ml
Meprobamate	4.911	42861	288.44	25.4	100.36	203035	11.2584 ng/ml
Methadone	5.659	48674	430.81	59.3	1408.79	174123	11.7752 ng/ml
Methamphetamine	3.244	105037	375.38	41.0	200.30	299426	12.6400 ng/ml
Metoprolol	4.340	20268	581.25	81.8	134.20	697996	11.3881 ng/ml
Mirtazapine	4.617	85198	1160.97	45.8	825.15	374571	9.4157 ng/ml
Mitragynine	5.230	10852	1489.64	31.6	402.95	174123	11.9557 ng/ml
Morphine	1.261	5548	130.91	21.0	248.99	7541	11.1881 ng/ml
Norbuprenorphine	5.013	107	207.40	134.4 High	175.39	3577	0.1923 ng/ml
Nordiazepam	5.893	52926	774.19	60.1	1022.50	152061	11.2047 ng/ml
Norfentanyl	4.099	16985	382.58	33.0	125.55	659803	1.1279 ng/ml
Norhydrocodone	3.093	4300	83.65	37.7	65.12	46361	10.1188 ng/ml
Noroxycodone	2.936	34680	573.07	48.6	268.87	92621	10.9024 ng/ml
O-desmethyl-tramadol	3.389	175478	632.75	6.9	292.60	884641	10.6467 ng/ml
Oxazepam	5.756	100826	366.45	76.5	78.08	412817	10.9110 ng/ml
Oxycodone	2.854	71886	368.26	30.6	339.28	225065	10.6681 ng/ml
Oxymorphone	1.418	31711	522.10	47.3	201.29	88655	10.9344 ng/ml
Phentermine	3.797	24272	658.00	6.6	115.65	287128	11.1375 ng/ml
Promethazine	5.545	33942	1483.52	31.6	139.11	111796	13.1806 ng/ml
Pseudoephedrine	2.610	171016	729.37	16.7	133.76	748854	10.8251 ng/ml
Quetiapine	5.541	65838	250.80	54.7	336.67	75644	11.8882 ng/ml
Sertraline	5.789	9836	58.30	103.6	213.26	27025	14.7549 ng/ml
Temazepam	5.816	159476	2152.78	27.3	262.16	727508	10.6062 ng/ml
Tramadol	4.259	162742	437.01	3.9	90.02	697996	10.8343 ng/ml
Trazodone	5.094	49768	311.75	76.2	409.29	146870	11.6463 ng/ml
Venlafaxine	5.050	118461	4165.14	38.3	120.24	532444	10.9812 ng/ml
Zolpidem	4.867	187975	1875.89	30.4	607.74	760851	10.9161 ng/ml

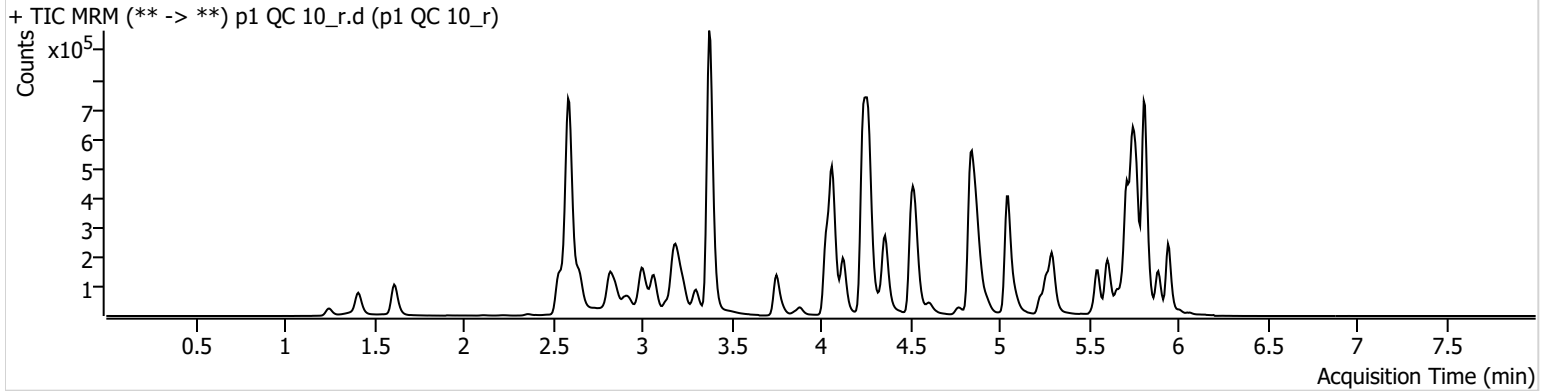


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 12:16:24 PM

Instrument Falco (069901) Data File p1 QC 10_r.d
Type QC Sample p1 QC 10_r
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-H11 Comment
Injection Volume 2 Reinject data.
Acq. Date-Time 11/29/2021 11:02:19 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	3531	241.57	68.4	299.61	81858	1.1315 ng/ml
7-aminoclonazepam	4.251	52028	1659.85	75.2	600.91	257934	12.5047 ng/ml
a-hydroxyalprazolam	5.692	34529	203.84	74.1	1192.30	432408	10.4245 ng/ml
alpha-PHP	4.937	17041	74.54	261.1	318.86	475829	4.7037 ng/ml
alpha-PVP	4.370	114785	3622.05	51.1	4345.37	475829	9.8274 ng/ml
Alprazolam	5.775	128176	579.12	113.6	607.74	432408	11.1369 ng/ml
Amphetamine	3.069	173589	161.44	49.7	326.61	162300	11.1838 ng/ml
Benzoylcegonine	3.886	24881	2657.69	8.7	107.83	22749	33.1069 ng/ml
Buprenorphine	5.778	558	173.50	13.8	116.58	14615	1.3378 ng/ml
Bupropion	4.788	15052	407.95	65.5	59.49	50590	9.2722 ng/ml
Carisoprodol	5.724	143562	825.78	52.1	94.73	555714	10.4282 ng/ml
Citalopram	5.232	27059	361.98	36.5	207.87	107351	10.5201 ng/ml
Clonazepam	5.605	141507	12558.21	36.2	4961.08	162264	11.3510 ng/ml
Clonazepam	5.548	118150	83685.88	34.5	80845.41	162264	15.3612 ng/ml
Cocaine	4.271	125980	15652.98	53.4	202.31	909862	10.4080 ng/ml
Codeine	2.593	21471	1746.64	105.0	1468.25	92759	12.2916 ng/ml
Cyclobenzaprine	5.628	11847	19591.90	8.9	97.19	51303	11.3924 ng/ml
Dextromethorphan	5.275	10721	2180.52	83.5	947.59	47909	10.9046 ng/ml
Dextrophan	4.132	26704	297.79	214.9	3161.57	316450	10.7675 ng/ml
Diazepam	5.953	77959	613.47	89.9	2377.38	344270	10.5306 ng/ml
Dihydrocodeine	2.565	62806	2622.40	60.0	6227.96	324491	11.3550 ng/ml
Diphenhydramine	5.303	67641	109.16	30.7	3793.09	340026	9.5875 ng/ml
Doxylamine	4.529	253818	2208.94	99.4	7619.73	964320	10.7168 ng/ml
EDDP	5.268	38904	308.68	40.8	93.21	194956	10.7063 ng/ml
Etizolam	5.813	66347	59424.80	28.2	41929.30	162264	12.8955 ng/ml
Fentanyl	5.095	1050	14.33	82.7	43.63	63177	0.9481 ng/ml
Flualprazolam	5.698	49585	1551.18	106.1	2738.93	432408	11.7197 ng/ml
Fluoxetine	5.714	13251	1726.64	8.4	1238.59	42168	10.5204 ng/ml
Hydrocodone	3.032	66290	141.03	31.2	182.72	314493	11.9896 ng/ml
Hydromorphone	1.621	65435	3854.34	74.7	336.72	190493	11.1100 ng/ml
Ketamine	4.044	149600	733.66	38.5	630.91	591530	10.2551 ng/ml
Lamotrigine	4.287	11005	1280.82	85.7	2838.69	591530	8.5195 ng/ml
Levetiracetam	2.649	112550	481.93	145.1	1073.02	1638772	14.4309 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	112529	7225.45	47.3	148.28	162264	9.7604 ng/ml
MDA	3.216	102403	1372.55	27.4	386.85	261208	11.9712 ng/ml
MDMA	3.303	72856	1637.61	95.1	790.36	79729	10.9811 ng/ml
Meprobamate	4.904	92531	3140.09	25.0	241.65	382238	13.1631 ng/ml
Methadone	5.659	26638	193.54	55.4	100.43	103730	10.7949 ng/ml
Methamphetamine	3.238	116948	326.56	41.7	182.40	420194	8.8586 ng/ml
Metoprolol	4.333	28669	1492.15	86.8	1683.30	1209143	9.1072 ng/ml
Mirtazapine	4.610	47286	21821.42	46.6	768.37	475829	3.6177 ng/ml
Mitragynine	5.223	4791	7335.79	36.7	1223.18	103730	8.7734 ng/ml
Morphine	1.253	10138	3081.37	20.6	161.37	14556	10.5419 ng/ml
Norbuprenorphine	5.006	72	5.04 Low	72.0 Low	59.08	1673	0.9047 ng/ml*
Nordiazepam	5.893	63863	444.96	58.8	329.83	188205	10.9003 ng/ml
Norfentanyl	4.093	26838	1305.24	33.7	64.53	1040061	1.1305 ng/ml
Norhydrocodone	3.080	6474	217.01	41.2	88.94	62423	11.2844 ng/ml
Noroxycodone	2.930	57055	550.15	47.7	716.82	142837	11.7116 ng/ml
O-desmethyl-tramadol	3.383	387055	1668.88	7.3	3905.17	2027813	10.2225 ng/ml
Oxazepam	5.749	139876	2338.23	75.9	1941.93	618214	10.0095 ng/ml
Oxycodone	2.848	143027	1538.94	29.9	459.84	430879	11.1331 ng/ml
Oxymorphone	1.418	58109	176.51	47.2	1240.88	159169	11.1819 ng/ml
Phentermine	3.790	30342	293.70	5.6	79.58	351240	11.4162 ng/ml
Promethazine	5.545	20978	113.49	32.7	62.61	85275	10.5515 ng/ml
Pseudoephedrine	2.603	362584	5703.07	16.5	418.23	1638772	10.4788 ng/ml
Quetiapine	5.541	42252	192.23	60.0	371905.23	52914	10.8131 ng/ml
Sertraline	5.789	5574	142.24	95.5	117.91	19028	11.7341 ng/ml
Temazepam	5.816	258424	4211.00	27.8	534.54	1144552	10.9547 ng/ml
Tramadol	4.252	273087	486.69	4.1	104.11	1209143	10.4639 ng/ml
Trazodone	5.094	33833	7479.06	76.6	64221.36	107284	10.8129 ng/ml
Venlafaxine	5.050	155757	9522.20	36.9	299.50	719312	10.6734 ng/ml
Zolpidem	4.860	312894	783.56	30.3	176201.50	1289112	10.7076 ng/ml

*Outside curve range.

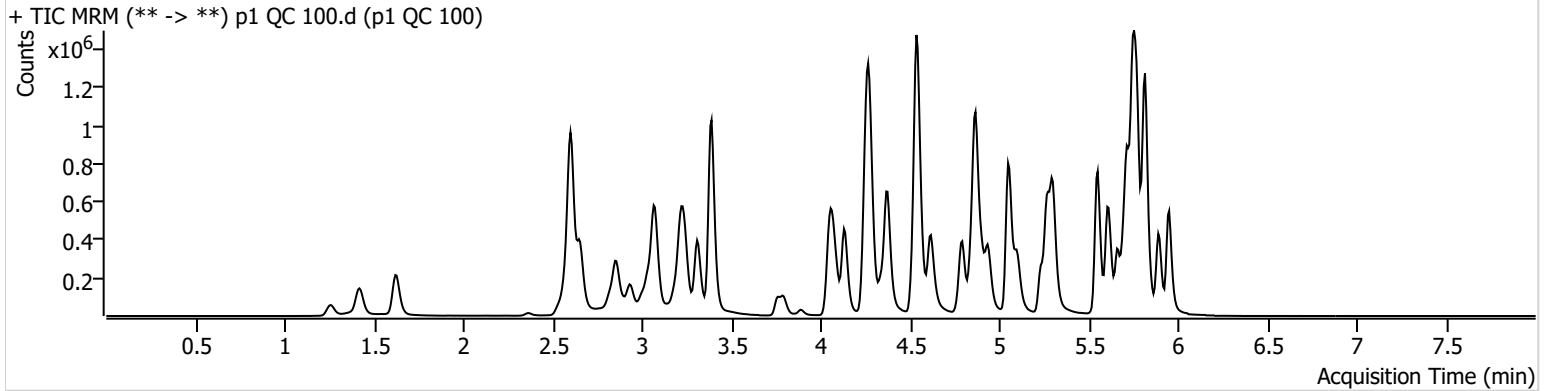
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/25/2021 1:21:10 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17202	106203.41	71.9	24034.01	44284	10.8701 ng/ml
7-aminoclonazepam	4.258	257617	261.61	80.0	169345.10	151521	116.3148 ng/ml
a-hydroxyalprazolam	5.692	161678	∞	72.8	9311.82	227534	106.2334 ng/ml
alpha-PHP	4.937	196120	12590.37	263.1	1040.94	331674	110.1087 ng/ml
alpha-PVP	4.376	832557	1985.18	50.4	30347.93	331674	110.0112 ng/ml
Alprazolam	5.775	647040	6878.90	116.5	9630.67	227534	107.3486 ng/ml
Amphetamine	3.076	1021696	1850.46	46.5	1240.50	110851	111.8731 ng/ml
Benzoylcegonine	3.886	30757	11440.32	8.3	58.06	7528	122.2752 ng/ml
Buprenorphine	5.778	6008	85.01	17.0	99.01	21047	11.6152 ng/ml
Bupropion	4.795	548458	23213.59	66.3	1528.14	170798	107.6780 ng/ml
Carisoprodol	5.724	666458	3966828.00	51.8	450.48	258927	104.2722 ng/ml
Citalopram	5.232	296362	799.11	37.4	516504.91	118377	111.3242 ng/ml
Clonazepam	5.605	819444	92536.77	33.8	330517.00	95131	123.7177 ng/ml
Clonazepam	5.548	503188	675625.79	35.1	630936.42	95131	123.6549 ng/ml
Cocaine	4.277	669161	3483.47	54.9	210.82	503681	107.9359 ng/ml
Codeine	2.593	89964	2868.44	108.2	280.50	45188	119.6583 ng/ml
Cyclobenzaprine	5.628	92557	293.63	8.8	153.17	43226	101.2735 ng/ml
Dextromethorphan	5.282	128001	278.25	80.9	2007.17	58680	112.0979 ng/ml
Dextrophan	4.132	242843	26245.05	216.9	856.62	279879	116.1013 ng/ml
Diazepam	5.953	484206	23794.49	88.3	678.03	212438	114.6348 ng/ml
Dihydrocodeine	2.572	260871	16083.58	59.2	556.89	144617	116.5631 ng/ml
Diphenhydramine	5.303	757361	42063.16	29.9	6581.77	349783	110.3500 ng/ml
Doxylamine	4.536	1817480	6002.49	101.0	107962.38	711454	107.8643 ng/ml
EDDP	5.268	621090	37716.84	42.3	∞	311988	112.7213 ng/ml
Etizolam	5.813	296608	4267.21	27.9	233567.88	95131	103.1202 ng/ml
Fentanyl	5.103	9993	1167.68	77.8	10083.33	62020	9.5661 ng/ml
Flualprazolam	5.698	245287	383.33	99.6	3965.49	227534	114.8220 ng/ml
Fluoxetine	5.721	83501	668.31	7.6	3006.46	27775	105.5355 ng/ml
Hydrocodone	3.032	349856	3538.04	32.3	569.28	193454	114.9289 ng/ml
Hydromorphone	1.628	331143	2859.83	73.5	9131.62	98344	114.9954 ng/ml
Ketamine	4.051	718356	22495.15	39.0	637.30	283926	114.7381 ng/ml
Lamotrigine	4.294	65935	4007.16	83.0	1462.45	283926	121.9483 ng/ml
Levetiracetam	2.656	343872	424.52	142.3	14086.88	687565	108.7398 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	586296	18995.97	49.5	1228.65	95131	103.2653 ng/ml
MDA	3.223	708218	2590.12	30.7	2070.01	211830	116.0797 ng/ml
MDMA	3.310	480152	868337.70	97.3	1939.27	55490	111.6709 ng/ml
Meprobamate	4.911	377956	547.24	25.6	631.56	186792	122.7015 ng/ml
Methadone	5.666	331247	21860.01	55.6	16019.99	132665	107.3960 ng/ml
Methamphetamine	3.244	540379	1658.12	40.9	469.45	234929	114.3507 ng/ml
Metoprolol	4.340	170560	568484.88	86.2	4656.59	630535	114.7670 ng/ml
Mirtazapine	4.617	660353	4109.99	45.3	2506.48	331674	89.2488 ng/ml
Mitragynine	5.230	66361	99583.81	35.5	107896.55	132665	98.3193 ng/ml
Morphine	1.261	54275	3960.50	20.5	14.96	8123	109.1462 ng/ml
Norbuprenorphine	5.006	627	1840.02	102.1	264.67	3185	9.2248 ng/ml
Nordiazepam	5.893	447410	1220.02	60.9	596.79	134372	115.1052 ng/ml
Norfentanyl	4.099	144583	7667.23	32.9	177.27	608439	9.9033 ng/ml
Norhydrocodone	3.086	39353	∞	35.6	165.43	38014	110.3401 ng/ml
Noroxycodone	2.936	300211	775.65	49.2	5345.25	84631	113.5654 ng/ml
O-desmethyl-tramadol	3.389	1605909	82981.59	6.9	11591.57	829481	109.0756 ng/ml
Oxazepam	5.749	778388	11670.72	75.7	450.43	321808	119.9292 ng/ml
Oxycodone	2.854	666263	3865.89	30.0	3881.08	212779	114.9054 ng/ml
Oxymorphone	1.418	280674	∞	46.9	258.81	82427	113.0172 ng/ml
Phentermine	3.797	199196	396.40	7.0	137.68	241066	122.8072 ng/ml
Promethazine	5.545	160994	4422.93	32.2	124.28	67856	107.6147 ng/ml
Pseudoephedrine	2.610	1514354	83293.30	16.7	319.22	687565	106.8742 ng/ml
Quetiapine	5.541	510821	21092.09	57.3	1514653.70	63317	119.5805 ng/ml
Sertraline	5.789	34873	377.85	98.0	1407.80	13938	105.6616 ng/ml
Temazepam	5.816	1285823	2935.29	28.0	335.22	600288	112.4656 ng/ml
Tramadol	4.259	1442265	∞	3.8	861.95	630535	114.9946 ng/ml
Trazodone	5.101	366794	33956.02	77.0	296380.97	118501	109.4276 ng/ml
Venlafaxine	5.050	1026279	34092.27	38.5	1049.97	480922	109.8625 ng/ml
Zolpidem	4.867	1746382	163734.43	30.1	3232.54	727455	114.3737 ng/ml

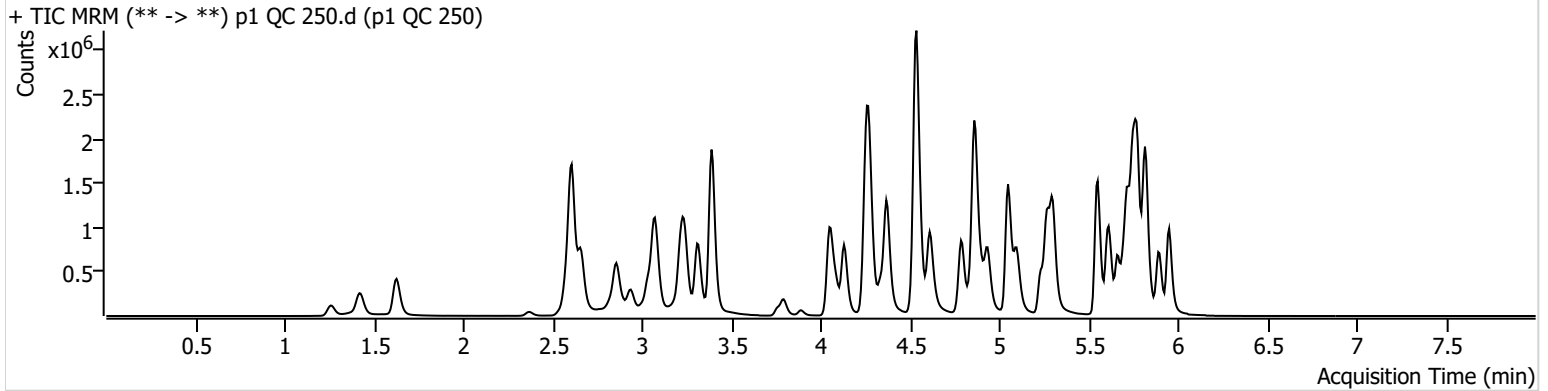
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 6:37:43 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	40645	860.93	72.3	74468.19	41583	27.4818 ng/ml
7-aminoclonazepam	4.258	491345	23966.57	78.6	12073.54	132665	255.1059 ng/ml
a-hydroxyalprazolam	5.692	264689	1395.82	75.1	307.50	181527	219.7900 ng/ml
alpha-PPH	4.937	422051	2649.70	266.0	7090.71	299259	265.5183 ng/ml
alpha-PVP	4.370	1872744	452.71	50.2	64922.10	299259	275.4922 ng/ml
Alprazolam	5.775	1349438	1828.70	114.4	11493.55	181527	280.7173 ng/ml
Amphetamine	3.076	2111548	1934.67	44.7	1967.76	97392	265.9136 ng/ml
Benzoylcegonine	3.886	68641	10348.39	7.7	3429.38	7669	267.2449 ng/ml
Buprenorphine	5.778	12015	26253.49	16.3	265.64	17078	28.9877 ng/ml
Bupropion	4.788	1280410	134477.50	65.7	27718.92	155866	276.6746 ng/ml
Carisoprodol	5.724	1205987	2108275.01	50.2	12722.67	183657	266.0803 ng/ml
Citalopram	5.232	656712	12450.43	36.4	508.41	106269	275.9149 ng/ml
Clonazepam	5.612	1537739	75757.19	34.5	27708.24	76591	290.1032 ng/ml
Clonazepam	5.548	953089	1498576.48	34.7	499064.15	76591	293.5172 ng/ml
Cocaine	4.271	1478752	24752.05	52.9	34032.98	445419	271.1301 ng/ml
Codeine	2.593	176097	179.63	105.4	968.91	39935	267.2586 ng/ml
Cyclobenzaprine	5.628	234810	7697.14	8.5	1712.36	43437	254.8712 ng/ml
Dextromethorphan	5.282	276461	540.15	80.6	8035.45	53558	266.1741 ng/ml
Dextrophan	4.132	510676	2518.79	215.8	1611.93	243102	281.9096 ng/ml
Diazepam	5.953	995668	1817.87	88.7	9677.24	181883	276.6570 ng/ml
Dihydrocodeine	2.572	564564	369.89	60.3	406.58	135932	270.0578 ng/ml
Diphenhydramine	5.303	1651426	153707.93	29.9	19646.86	315181	267.8958 ng/ml
Doxylamine	4.536	4173343	17155.94	101.0	197475.87	645736	273.5644 ng/ml
EDDP	5.268	1368740	114975.40	42.8	23792.04	284877	272.9843 ng/ml
Etizolam	5.813	621118	5354.12	27.9	2133.91	76591	269.3707 ng/ml
Fentanyl	5.095	26072	4311.78	74.8	40529.35	59174	26.2337 ng/ml
Flualprazolam	5.705	457696	23458.67	104.8	18295.22	181527	269.2940 ng/ml
Fluoxetine	5.721	203908	10945.27	8.0	7255.39	26376	272.2851 ng/ml
Hydrocodone	3.032	774778	3074.42	32.0	1047.57	177257	280.0301 ng/ml
Hydromorphone	1.628	700888	23403.56	74.2	4793250.39	86347	278.1914 ng/ml
Ketamine	4.051	1610720	86658.77	39.1	692.15	262677	280.0010 ng/ml
Lamotrigine	4.287	139189	458.09	84.6	61464.55	262677	280.0002 ng/ml
Levetiracetam	2.663	690857	3957.47	143.8	2134.81	602270	250.1555 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	823945	47071.16	48.7	1900.25	76591	181.8149 ng/ml *
MDA	3.223	1400462	13512.41	29.3	1729.99	174993	280.4493 ng/ml
MDMA	3.310	1048223	28916.77	97.4	4051.11	49626	273.9053 ng/ml
Meprobamate	4.911	666025	54870.59	25.3	3648.10	149045	273.0647 ng/ml
Methadone	5.666	736380	1367.76	55.1	11712.06	119111	266.3266 ng/ml
Methamphetamine	3.244	1184679	22058.14	41.1	857.10	218440	277.3051 ng/ml
Metoprolol	4.333	367431	10254.34	86.9	12663.64	568790	275.5258 ng/ml
Mirtazapine	4.610	1494645	1318.54	45.5	14143.62	299259	225.2154 ng/ml
Mitragynine	5.230	161253	934.89	35.2	121743.49	119111	266.6681 ng/ml
Morphine	1.261	116988	991.37	20.0	520.24	6888	278.8883 ng/ml
Norbuprenorphine	5.006	1417	12095.43	102.8	3240.79	2731	26.6885 ng/ml
Nordiazepam	5.900	881060	1129.66	58.4	14551.92	110137	277.8425 ng/ml
Norfentanyl	4.093	338102	1846.96	32.7	1351.69	557228	25.1910 ng/ml
Norhydrocodone	3.086	82661	225.38	37.0	∞	29960	293.6467 ng/ml
Noroxycodone	2.936	590972	1023.92	48.5	6570.69	68019	279.9096 ng/ml
O-desmethyl-tramadol	3.389	3683385	68089.98	7.0	514.60	764853	272.1965 ng/ml
Oxazepam	5.749	1211076	9179.40	72.3	10155.62	212743	284.0602 ng/ml
Oxycodone	2.854	1492705	8185.13	30.0	450.16	199250	276.5484 ng/ml
Oxymorphone	1.418	574736	1246.08	47.1	∞	70699	271.2701 ng/ml
Phentermine	3.797	420154	411.97	6.7	329.64	220956	284.6727 ng/ml
Promethazine	5.545	401433	37982.41	31.7	1311.83	65506	279.0340 ng/ml
Pseudoephedrine	2.610	3307386	1401.66	16.5	28753.83	602270	266.9000 ng/ml
Quetiapine	5.541	1142210	40864.45	58.8	20874.64	58635	290.3437 ng/ml
Sertraline	5.789	82065	518.63	96.7	619.51	12369	281.3992 ng/ml
Temazepam	5.816	2255835	862.88	28.2	798.69	446001	266.9341 ng/ml
Tramadol	4.252	3120670	156915.78	3.9	727.20	568790	277.2092 ng/ml
Trazodone	5.094	905764	74614.89	77.6	91729.90	113771	282.0445 ng/ml
Venlafaxine	5.050	2298544	60039.27	38.0	1304.35	422665	280.7896 ng/ml
Zolpidem	4.860	4085667	362553.02	29.0	19172.22	683271	286.3005 ng/ml

*Outside curve range.

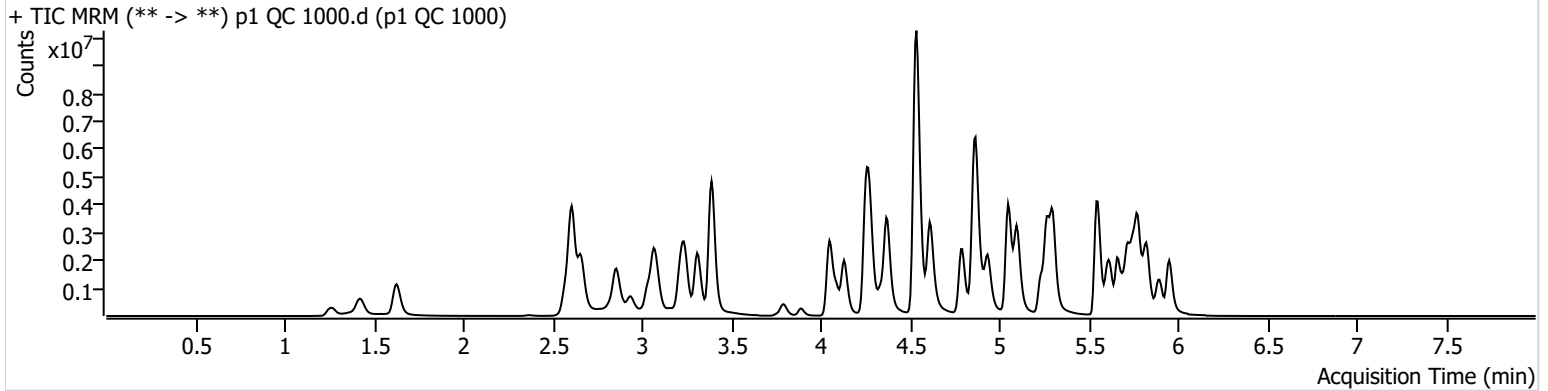


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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 11/24/2021 6:58:58 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	143491	2033.78	72.0	786.33	35810	112.9238 ng/ml
7-aminoclonazepam	4.251	988156	21729.44	79.8	10033.24	98386	694.3173 ng/ml *
a-hydroxyalprazolam	5.685	400235	217.74	74.8	87.13	108594	558.1576 ng/ml *
alpha-PHP	4.937	1241195	55342.34	266.0	3343.65	217786	1079.3323 ng/ml
alpha-PVP	4.370	5639167	1057623.66	50.4	2620.59	217786	1142.4797 ng/ml
Alprazolam	5.775	3246782	1147.40	112.6	545.29	108594	1129.2100 ng/ml
Amphetamine	3.069	4799252	89979.38	44.8	1206.16	73147	808.8306 ng/ml *
Benzoylcegonine	3.886	307303	14532.78	8.1	216.35	8028	1141.2796 ng/ml
Buprenorphine	5.778	28842	1637.11	16.4	5897.57	11343	105.4151 ng/ml
Bupropion	4.795	3787439	319250.58	65.7	52403.16	116861	1093.8471 ng/ml
Carisoprodol	5.724	2327490	2304185.19	51.0	5482.43	85631	1101.4977 ng/ml
Citalopram	5.232	2003331	∞	36.3	27874.85	78398	1143.3128 ng/ml
Clonazepam	5.612	3267493	25859.64	33.3	38948.00	47097	1005.6708 ng/ml
Clonazepam	5.555	1810907	78113.77	36.2	12034.42	47097	910.9675 ng/ml
Cocaine	4.271	4120930	715.62	52.8	985.34	316211	1067.0611 ng/ml
Codeine	2.593	404253	4480.76	102.7	765.71	29666	829.7329 ng/ml
Cyclobenzaprine	5.628	727207	111351.92	8.2	2080.48	29701	1152.5403 ng/ml
Dextromethorphan	5.282	761215	1636.81	80.2	1000.82	36620	1073.8821 ng/ml
Dextrophan	4.132	1434411	22860.97	216.8	2049.31	164624	1171.1515 ng/ml
Diazepam	5.953	2367780	18203.76	90.1	72941.98	116007	1034.1218 ng/ml
Dihydrocodeine	2.572	1579121	19218.20	62.8	307.14	121169	850.1619 ng/ml *
Diphenhydramine	5.303	5283582	113859.50	29.7	20808.05	245035	1104.3590 ng/ml
Doxylamine	4.536	14474407	477524.30	97.4	14451.15	552155	1110.9609 ng/ml
EDDP	5.268	4835637	101895.17	41.5	53603.84	242250	1136.2135 ng/ml
Etizolam	5.813	1592143	10270.69	28.0	91306.92	47097	1125.1903 ng/ml
Fentanyl	5.103	78598	120.18	74.4	573.81	42843	109.3666 ng/ml
Flualprazolam	5.705	995769	24468.36	107.4	28172.85	108594	980.8248 ng/ml
Fluoxetine	5.721	407076	34998.99	7.8	1112.58	12605	1139.2397 ng/ml
Hydrocodone	3.032	2287935	1824.10	32.4	1119.75	148449	991.4280 ng/ml
Hydromorphone	1.628	2193715	13441219.16	74.6	929045.14	67956	1108.4219 ng/ml
Ketamine	4.051	5178493	281777.32	37.6	17595.86	228854	1036.8815 ng/ml
Lamotrigine	4.294	347210	7236.81	82.0	672.22	228854	804.2273 ng/ml *
Levetiracetam	2.663	2101810	123640.70	147.9	39816.31	376105	1220.9525 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	989035	61286.05	49.0	892.99	47097	356.9111 ng/ml*
MDA	3.216	3094114	40931.19	28.2	3547.06	119156	914.1334 ng/ml
MDMA	3.310	2973887	2095.43	97.7	2323.00	36017	1073.3454 ng/ml
Meprobamate	4.911	1490683	87913.29	25.1	7756.03	89784	1019.2422 ng/ml
Methadone	5.659	2488213	97098.06	54.0	18821.04	96780	1108.4385 ng/ml
Methamphetamine	3.244	3469995	1806.00	40.5	11748.53	179657	1002.0887 ng/ml
Metoprolol	4.340	953294	96534.72	88.1	53590.59	438940	928.7823 ng/ml
Mirtazapine	4.610	5568257	5982.38	43.7	6022.59	217786	1156.5454 ng/ml
Mitragynine	5.230	475035	1867.66	34.9	11765.37	96780	967.7227 ng/ml
Morphine	1.261	338458	2254.49	21.6	155.57	5534	1006.5597 ng/ml
Norbuprenorphine	5.006	4489	3945.92	100.4	92.73	2017	119.1926 ng/ml
Nordiazepam	5.900	1837959	3389.65	57.8	452.24	60993	1049.1729 ng/ml
Norfentanyl	4.093	1193715	321.75	32.8	29753.30	435918	113.4742 ng/ml
Norhydrocodone	3.086	286227	738.54	39.3	138.29	19430	1566.7351 ng/ml*
Noroxycodone	2.936	1433529	5571.74	49.3	7758.35	43595	1062.7638 ng/ml
O-desmethyl-tramadol	3.389	11605101	185039.86	6.8	62741.22	576117	1140.4255 ng/ml
Oxazepam	5.749	1345100	22680.08	74.8	4002.29	70900	949.7830 ng/ml
Oxycodone	2.854	4790925	9815.95	29.8	∞	174093	1018.9902 ng/ml
Oxymorphone	1.418	1670548	280.84	46.6	212.66	55531	1006.6833 ng/ml
Phentermine	3.797	1113509	1738.47	6.5	2265.43	175997	950.8772 ng/ml
Promethazine	5.545	1151145	64845.48	32.2	84442.76	46514	1128.9040 ng/ml
Pseudoephedrine	2.610	9143273	102136.96	16.0	899.65	376105	1182.5170 ng/ml
Quetiapine	5.541	4295393	321514.62	59.9	6608.46	61186	1049.2936 ng/ml
Sertraline	5.789	159321	8936.67	97.7	614.78	6083	1113.0199 ng/ml
Temazepam	5.823	3411718	9770.57	27.7	5679.61	168353	1072.5350 ng/ml
Tramadol	4.252	8806432	7072.00	3.8	375.92	438940	1016.3178 ng/ml
Trazodone	5.094	4193003	526336.67	78.9	2852612.91	107827	1379.0727 ng/ml*
Venlafaxine	5.050	7363264	144030.66	35.9	1572.49	323430	1177.1618 ng/ml
Zolpidem	4.867	13612411	456048.68	27.8	4460.14	641546	1018.3468 ng/ml

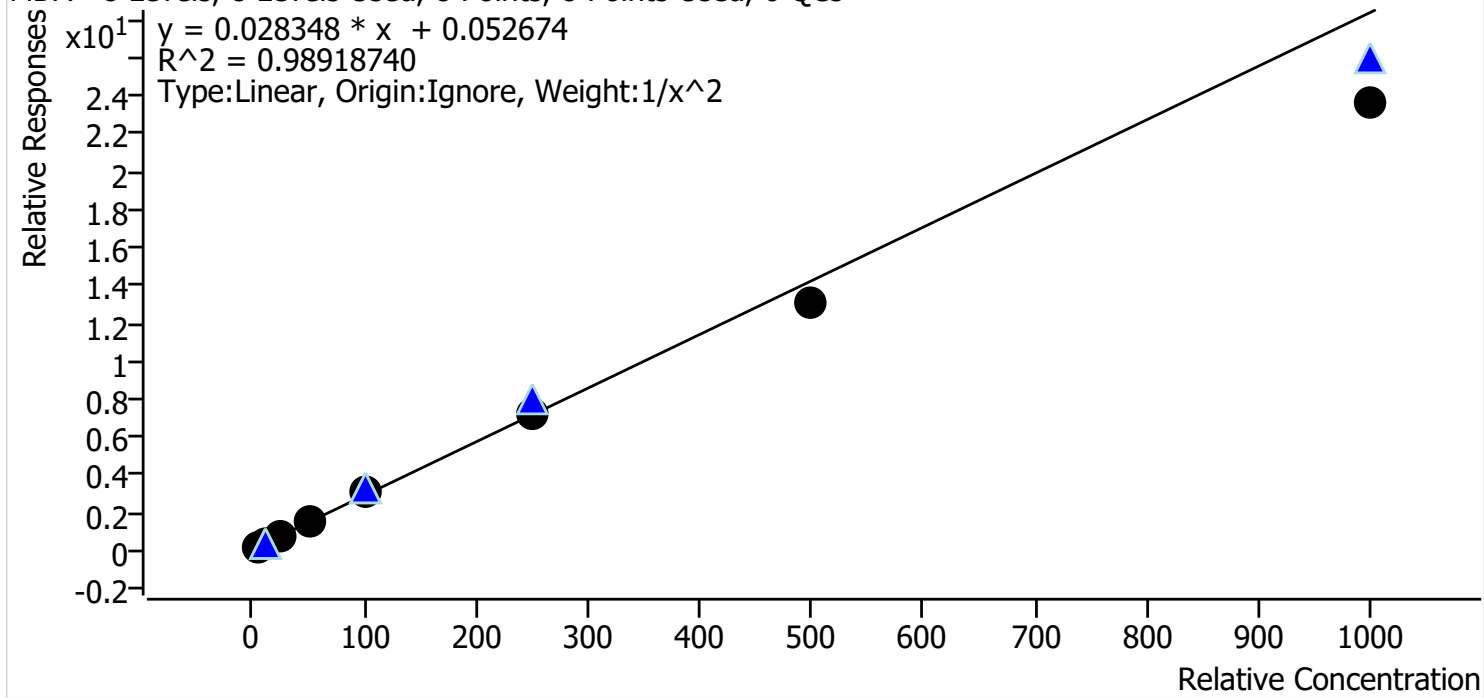
*Outside curve range.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

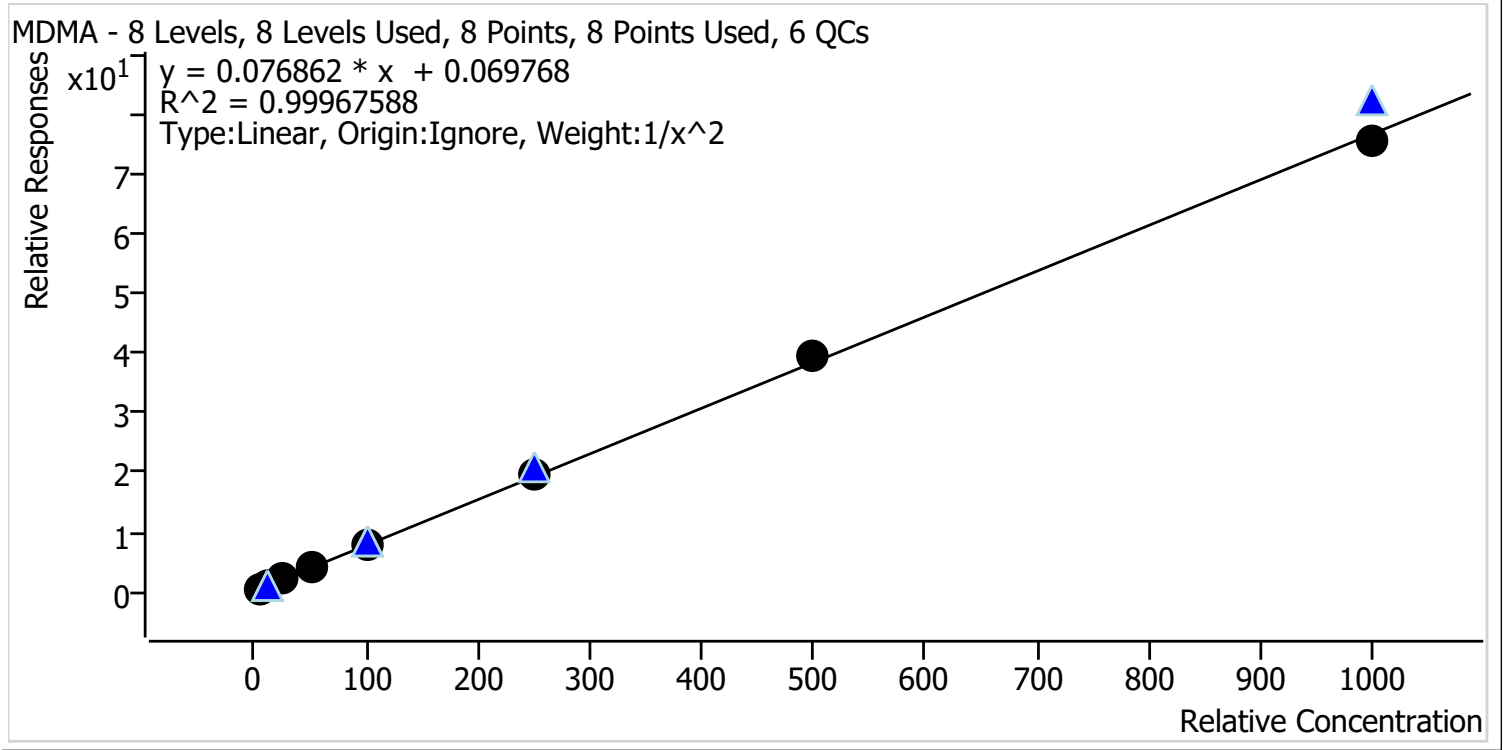


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	462.7	92.5
p1 Cal 8-1000ng	8	✓	1000.0	832.9	83.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



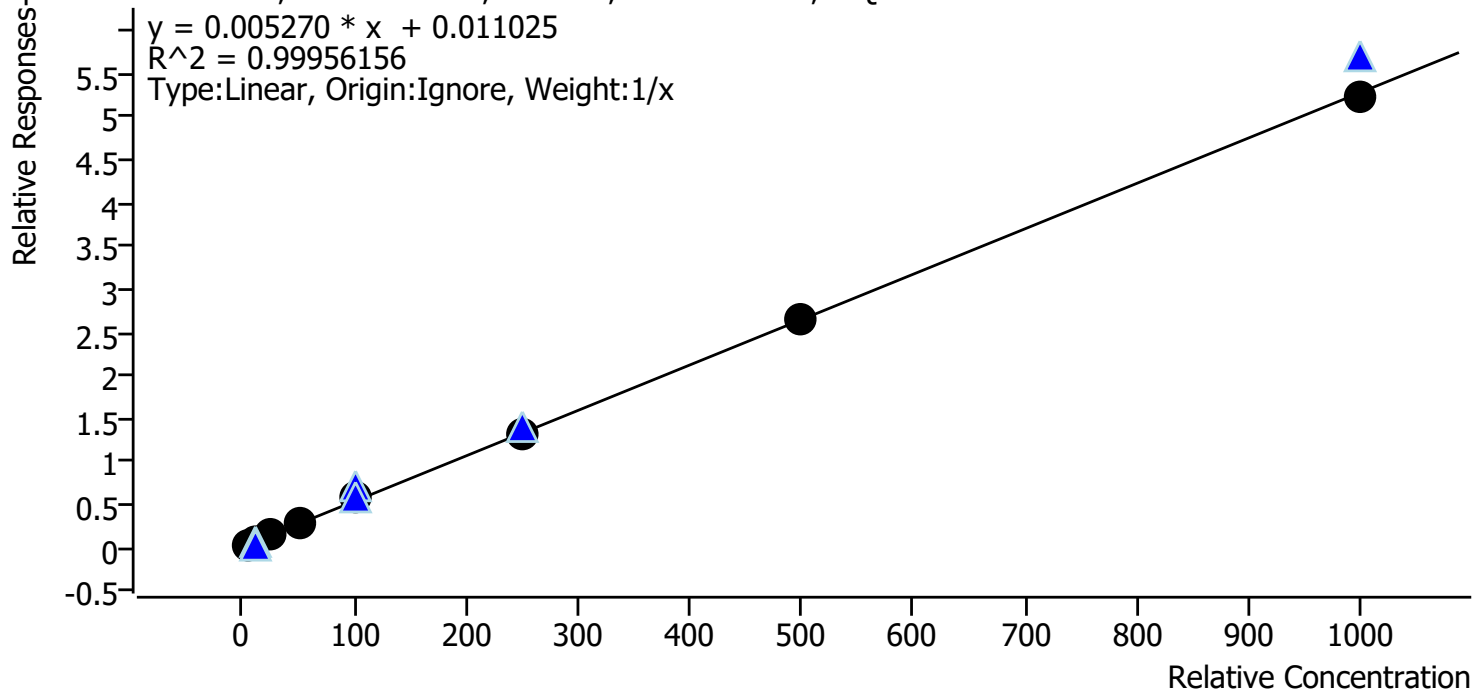
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	987.7	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



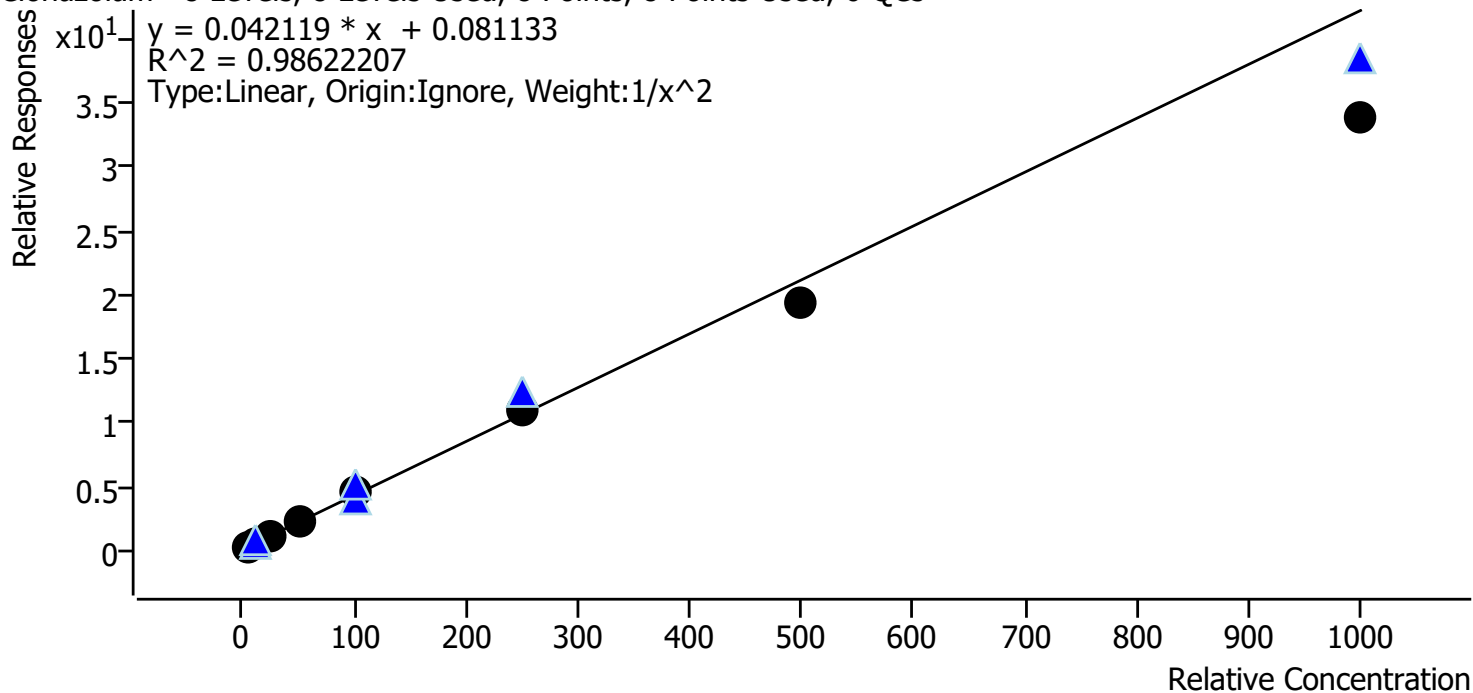
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	90.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
p1 Cal 8-1000ng	8	✓	1000.0	992.8	99.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

Clonazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



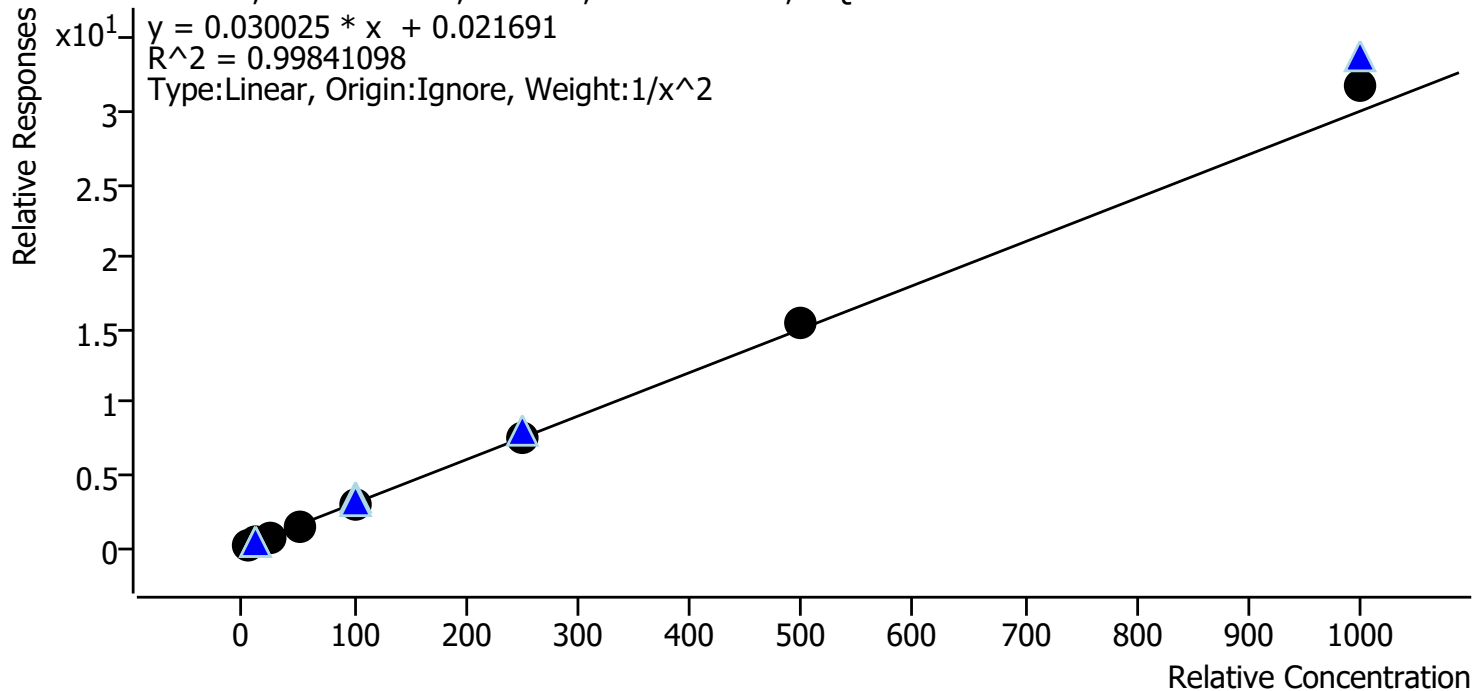
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	461.1	92.2
p1 Cal 8-1000ng	8	✓	1000.0	800.8	80.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



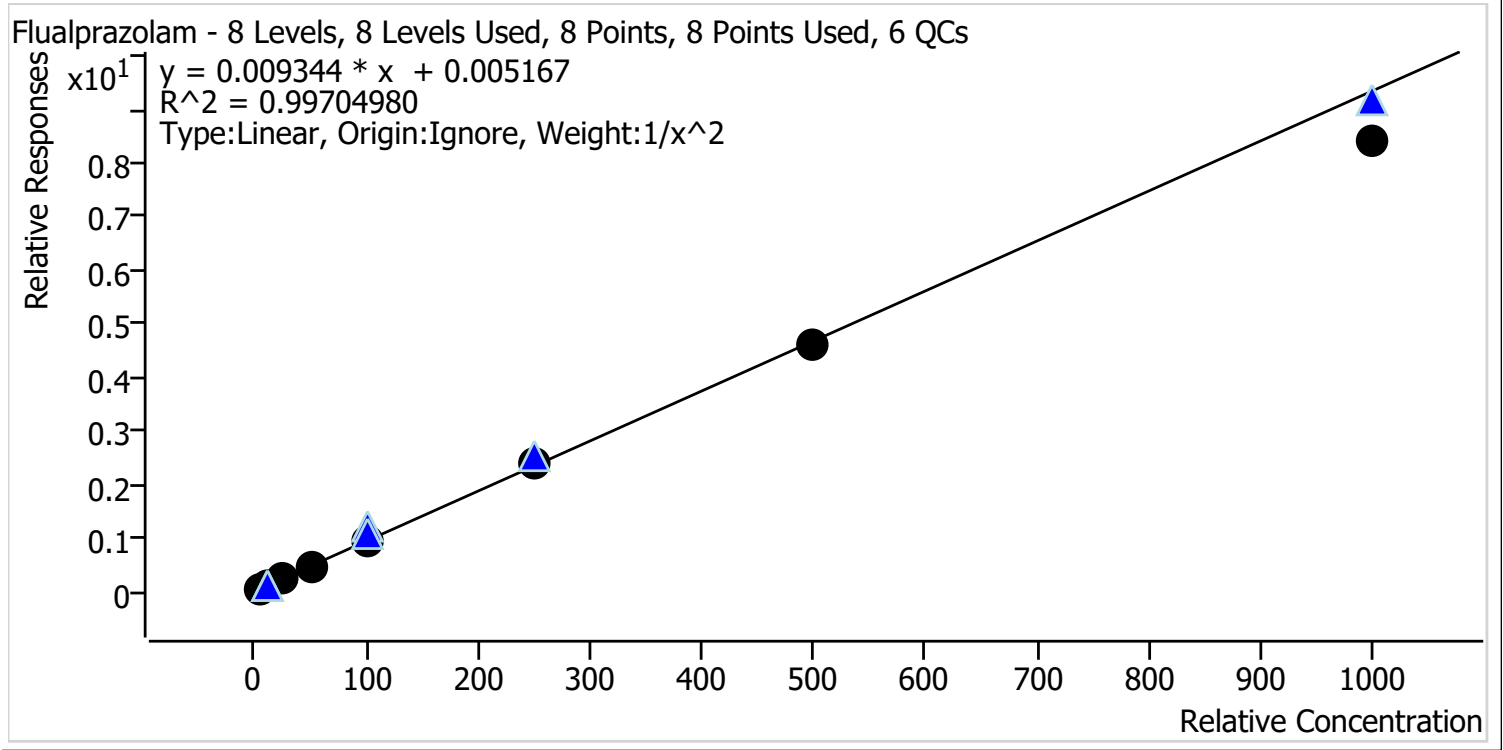
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1058.4	105.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

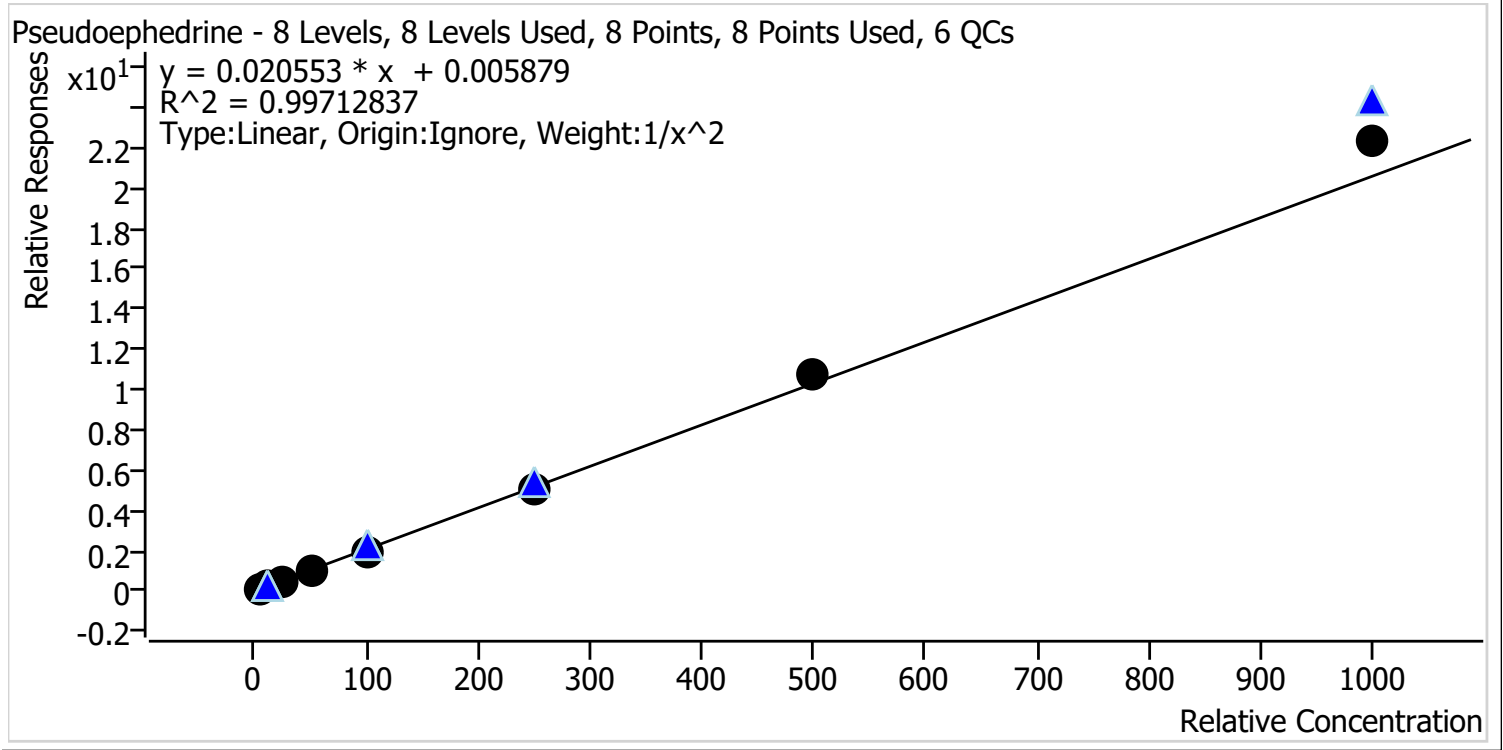


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	898.9	89.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

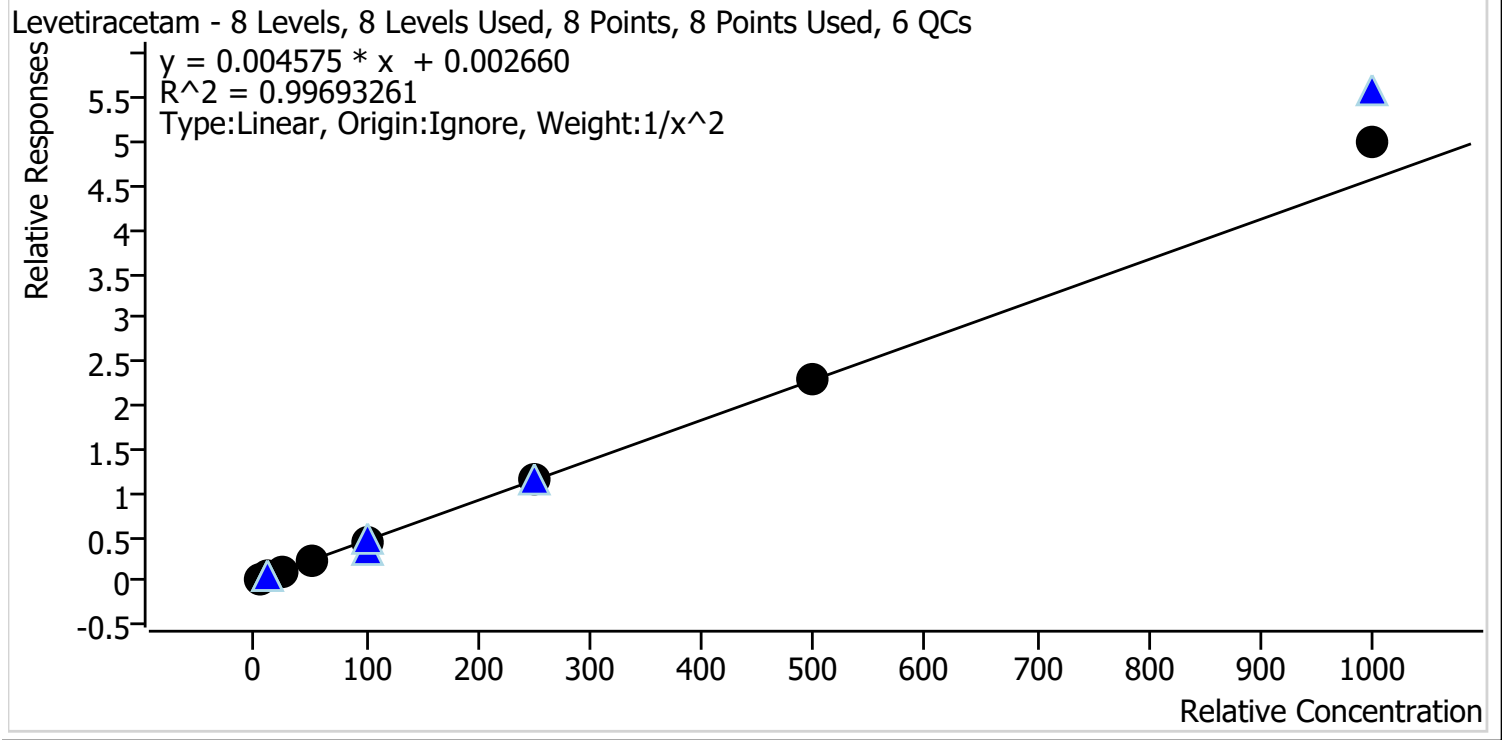


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.7	95.3
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1086.3	108.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

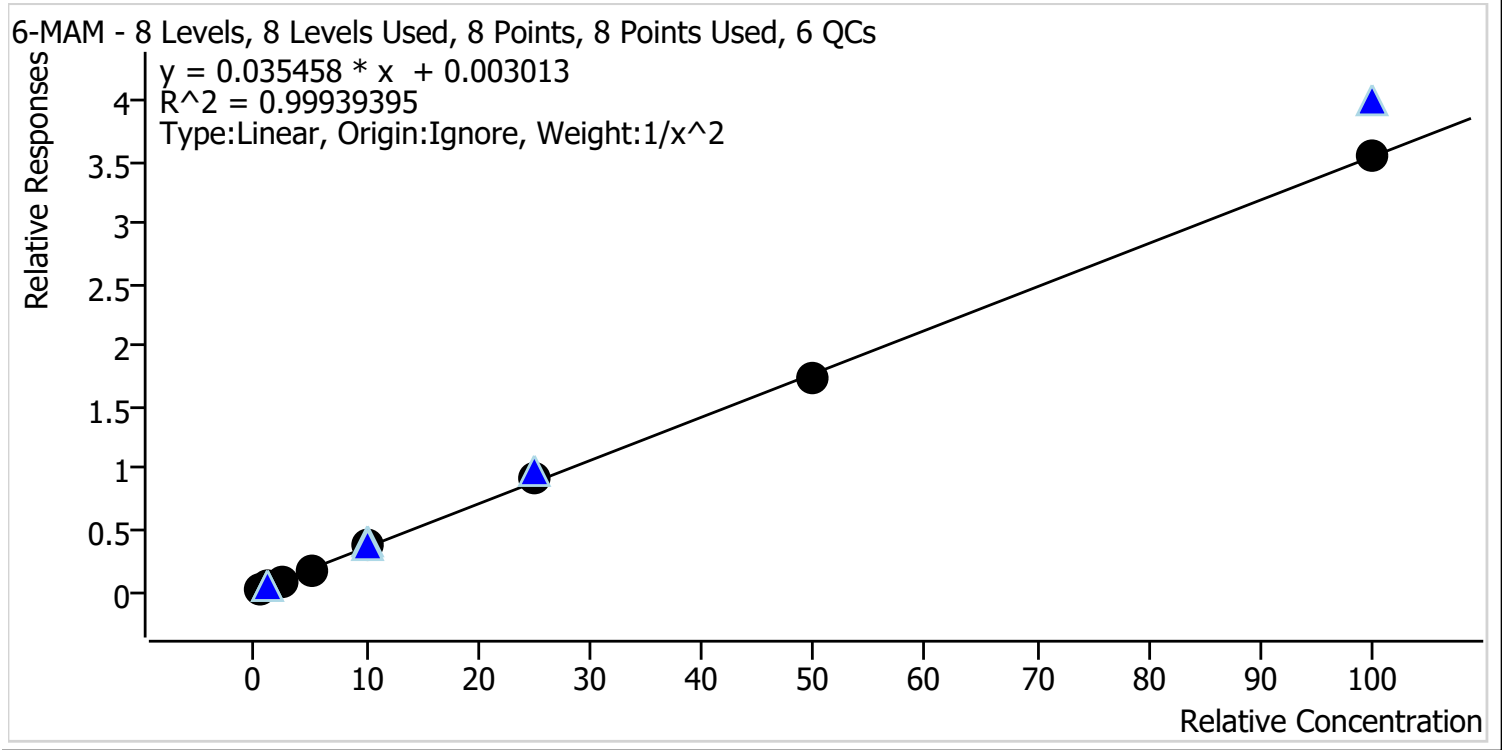


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	92.7	92.7
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	502.2	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1089.3	108.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

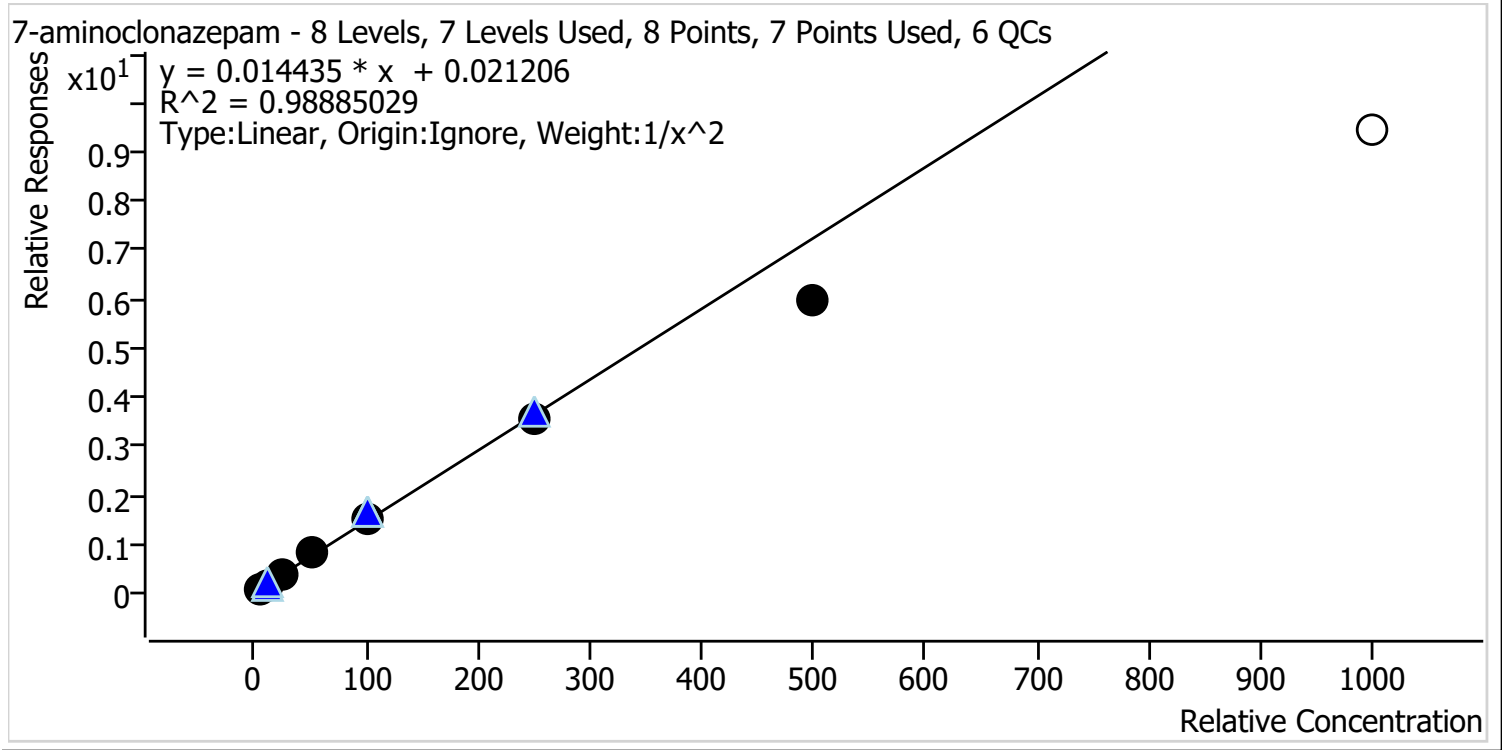


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.2
p1 Cal 2-10ng	2	✓	1.0	1.0	102.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.6
p1 Cal 4-50ng	4	✓	5.0	4.9	98.6
p1 Cal 5-100ng	5	✓	10.0	10.2	102.1
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	48.8	97.6
p1 Cal 8-1000ng	8	✓	100.0	99.9	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 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	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	413.2	82.6
p1 Cal 8-1000ng	8	✗	1000.0	651.0	65.1

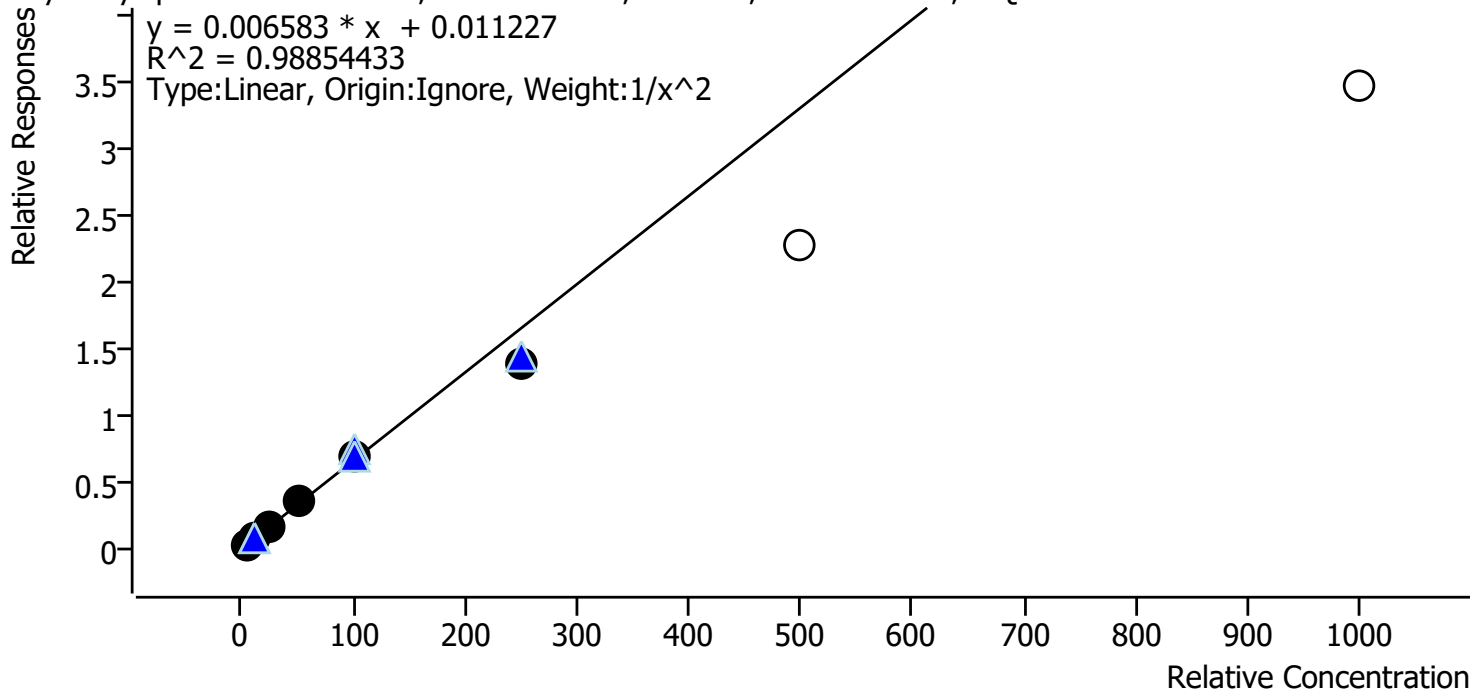
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 6 QCs



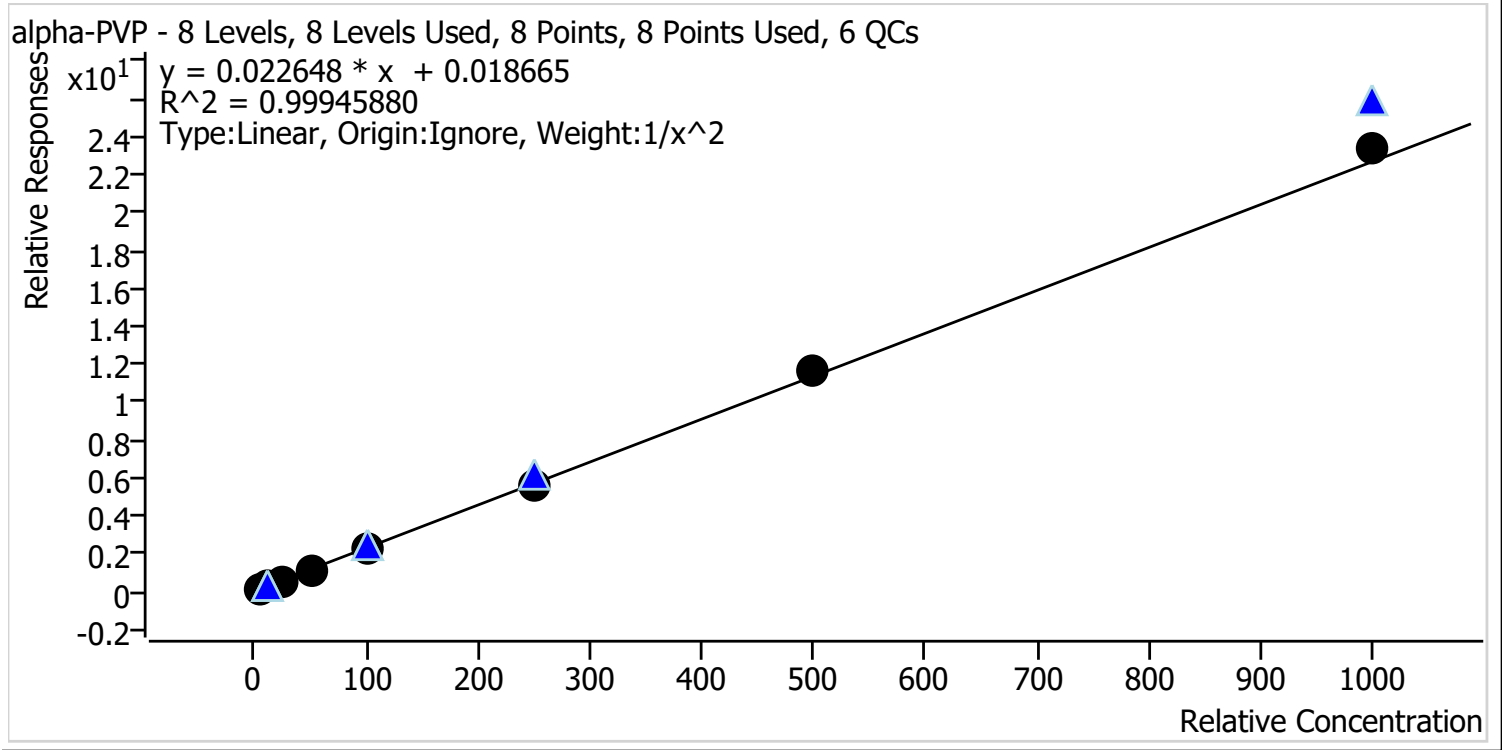
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	209.6	83.8
p1 Cal 7-500ng	7	x	500.0	345.0	69.0
p1 Cal 8-1000ng	8	x	1000.0	524.3	52.4

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\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

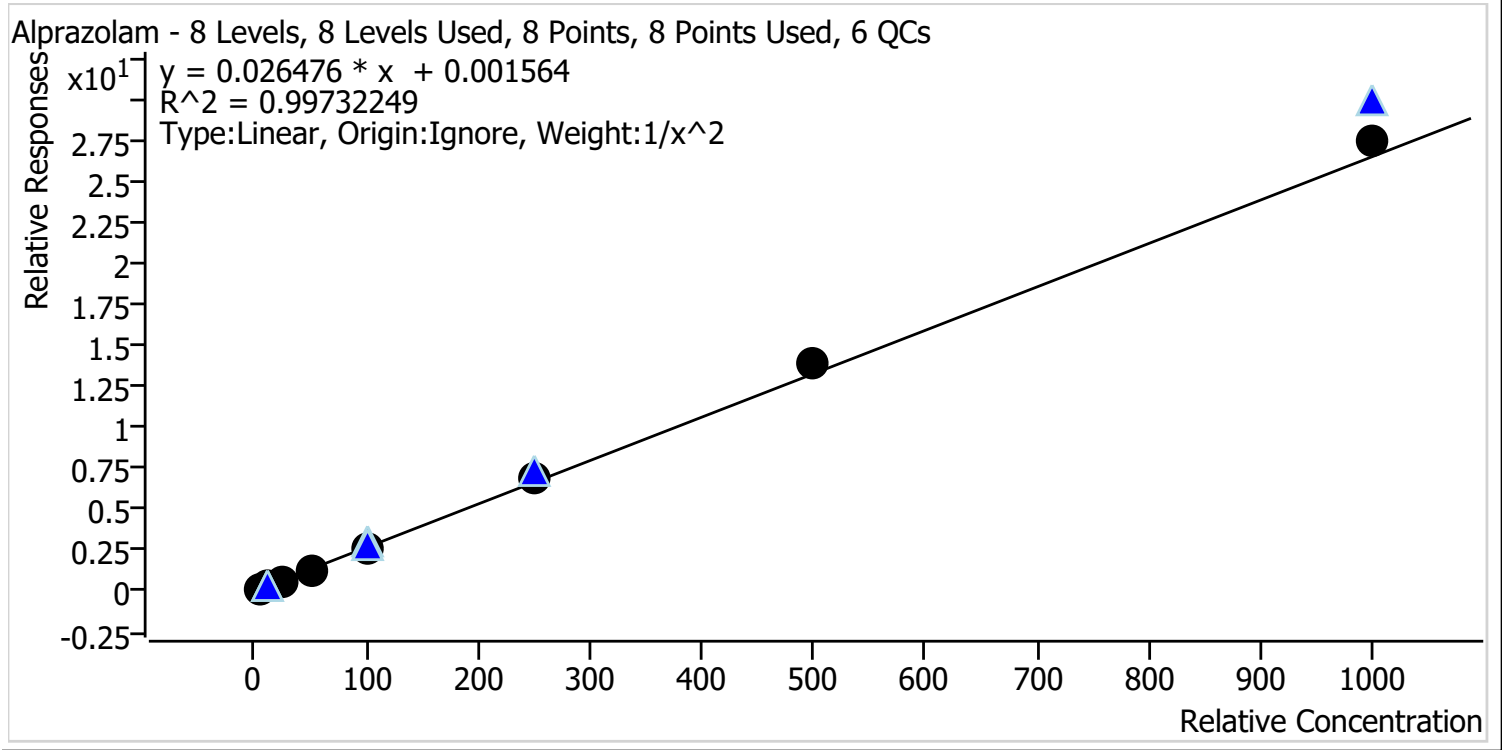


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	511.7	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1027.4	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

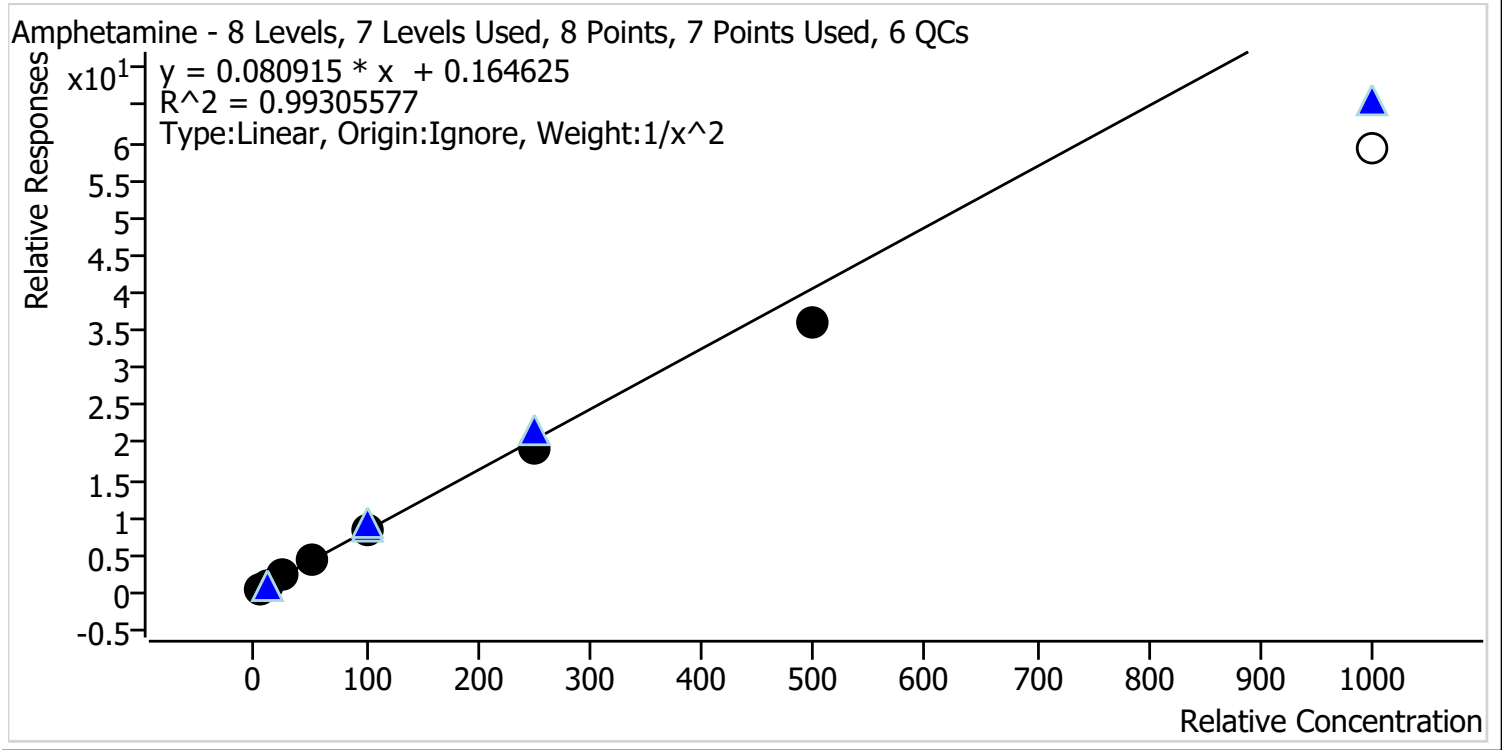


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	521.1	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1034.4	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 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	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.4
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	237.2	94.9
p1 Cal 7-500ng	7	✓	500.0	441.2	88.2
p1 Cal 8-1000ng	8	✗	1000.0	733.5	73.3

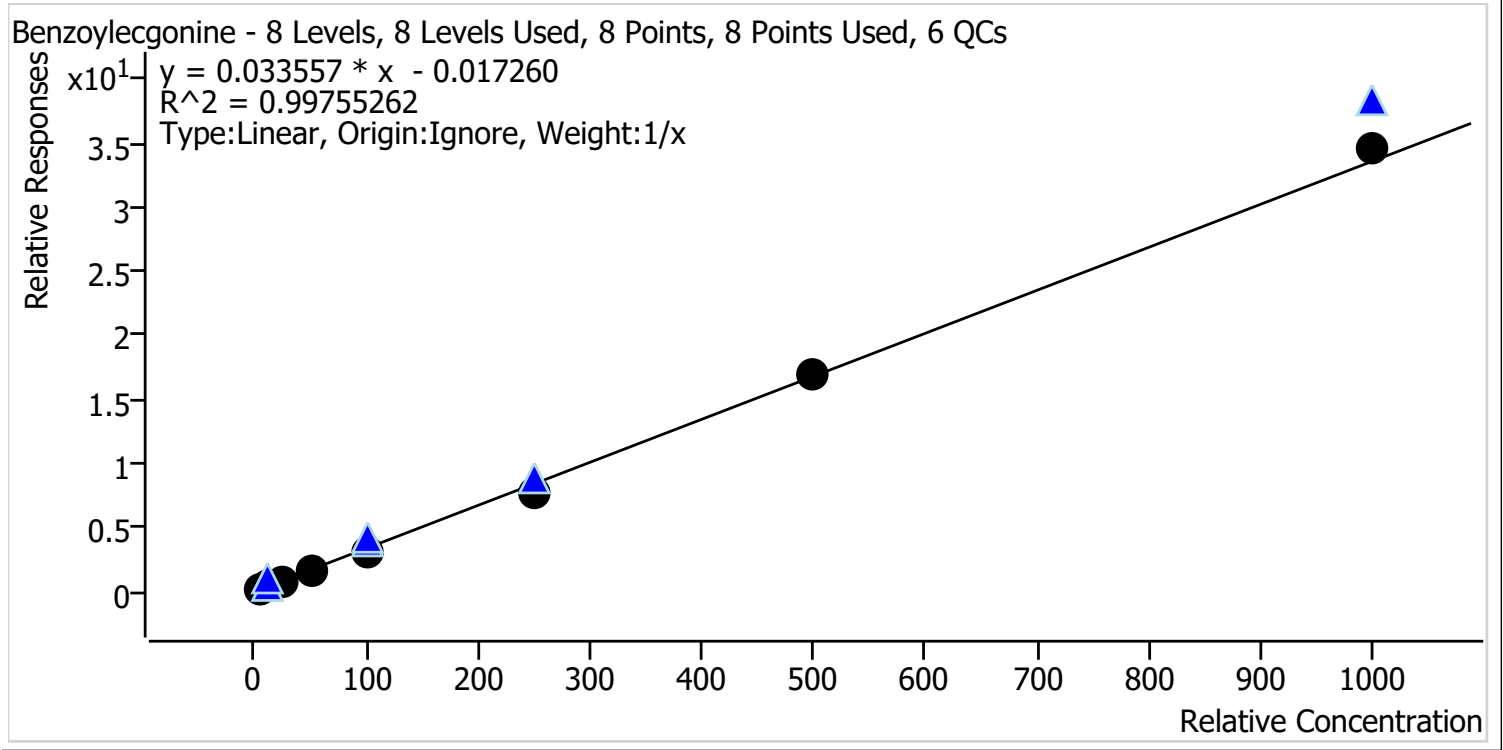
Calibrator 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 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	6.3	125.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	44.4	88.8
p1 Cal 5-100ng	5	✓	100.0	89.1	89.1
p1 Cal 6-250ng	6	✓	250.0	231.9	92.7
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1027.2	102.7

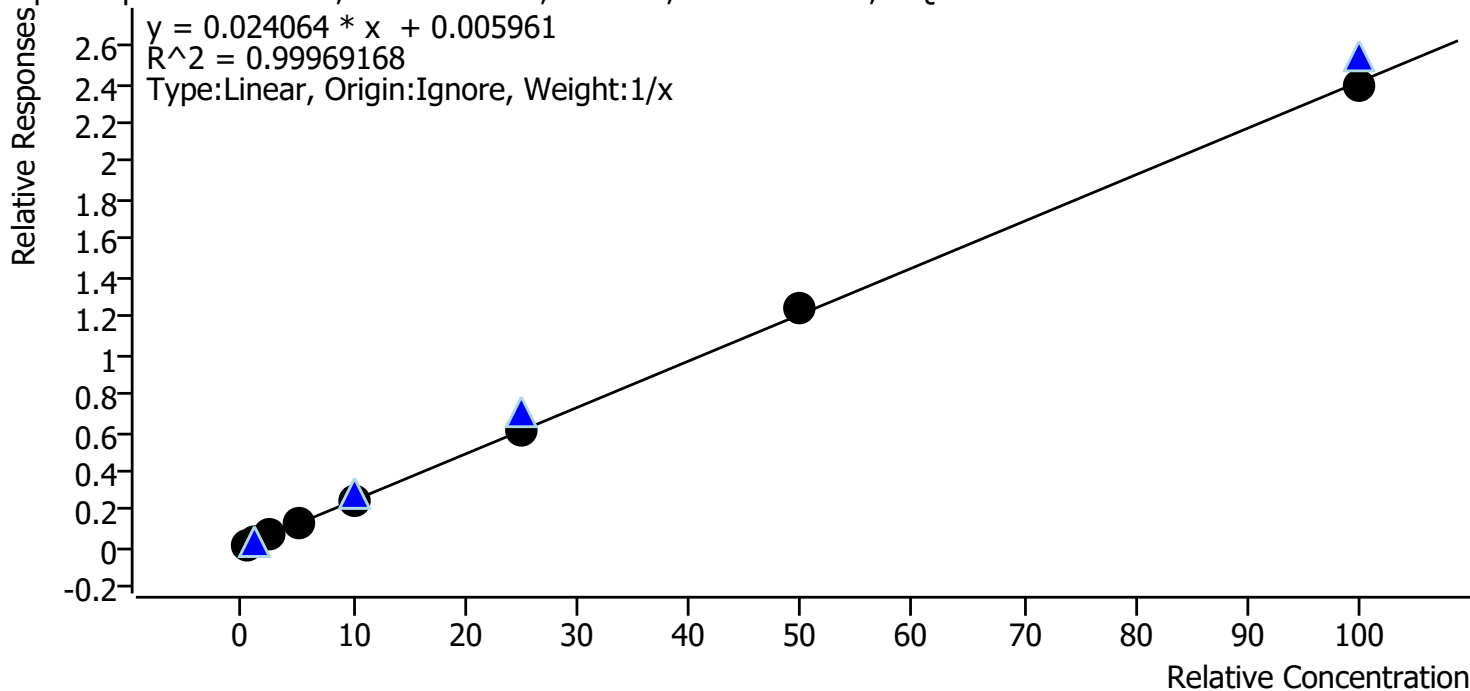
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



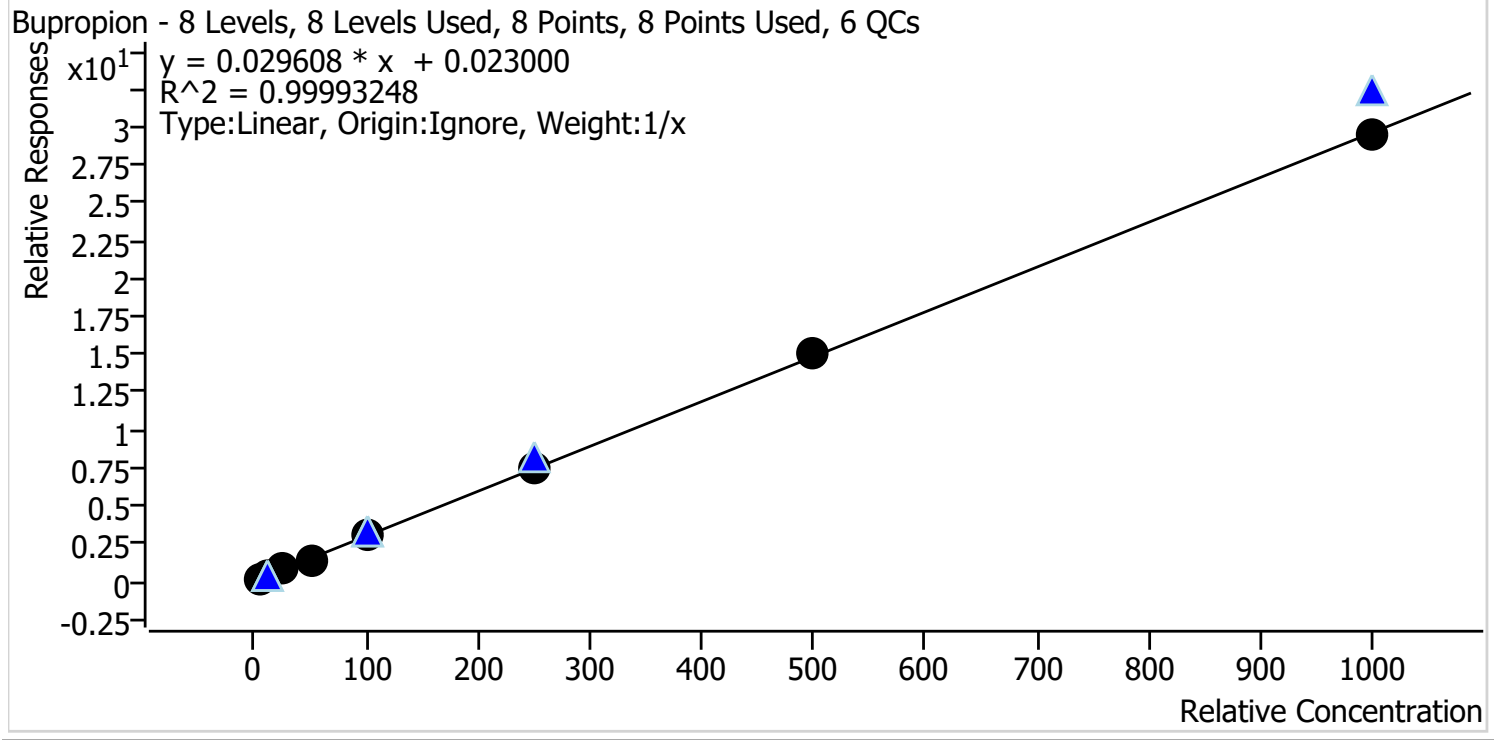
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	110.0
p1 Cal 2-10ng	2	✓	1.0	0.9	91.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.7
p1 Cal 4-50ng	4	✓	5.0	5.0	99.4
p1 Cal 5-100ng	5	✓	10.0	9.6	96.2
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	51.1	102.1
p1 Cal 8-1000ng	8	✓	100.0	99.3	99.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

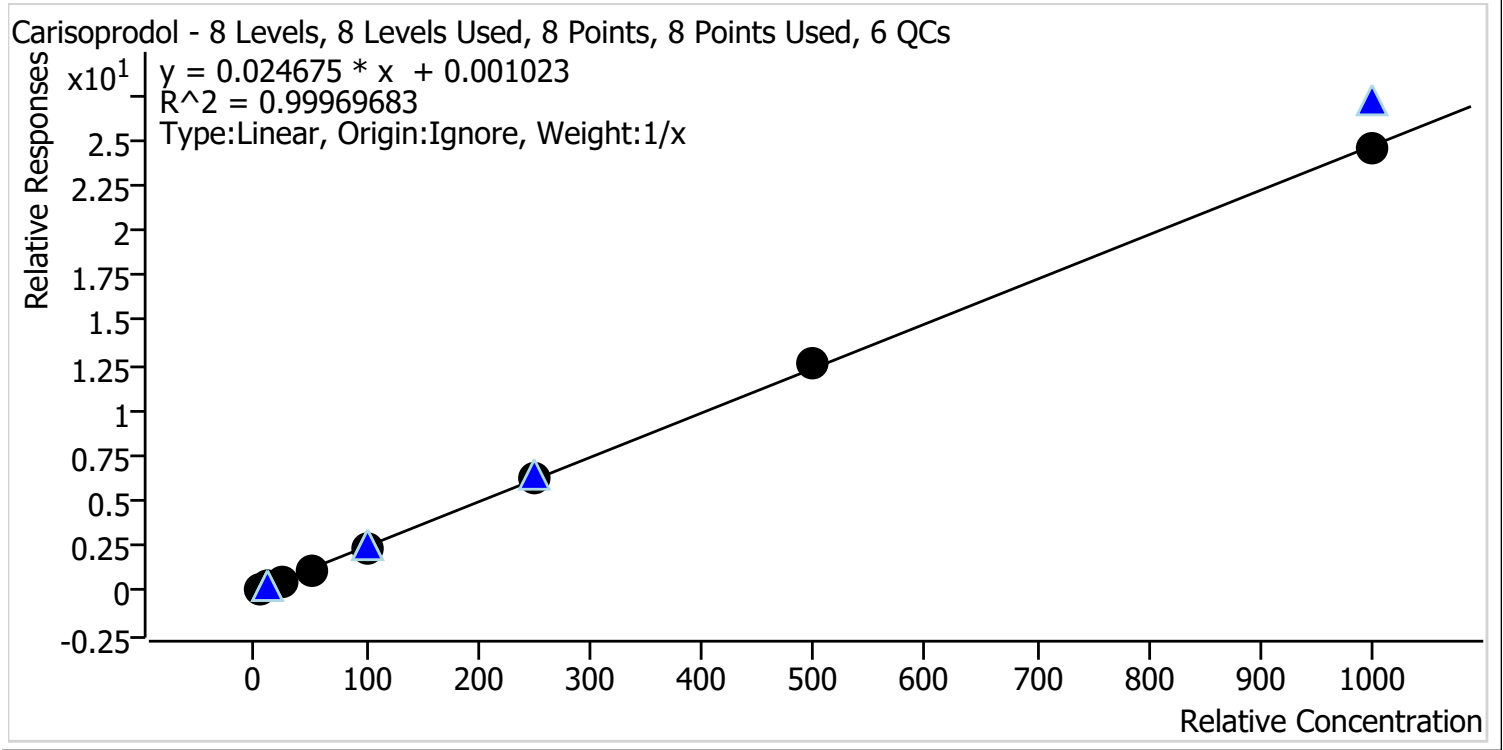


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	994.3	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



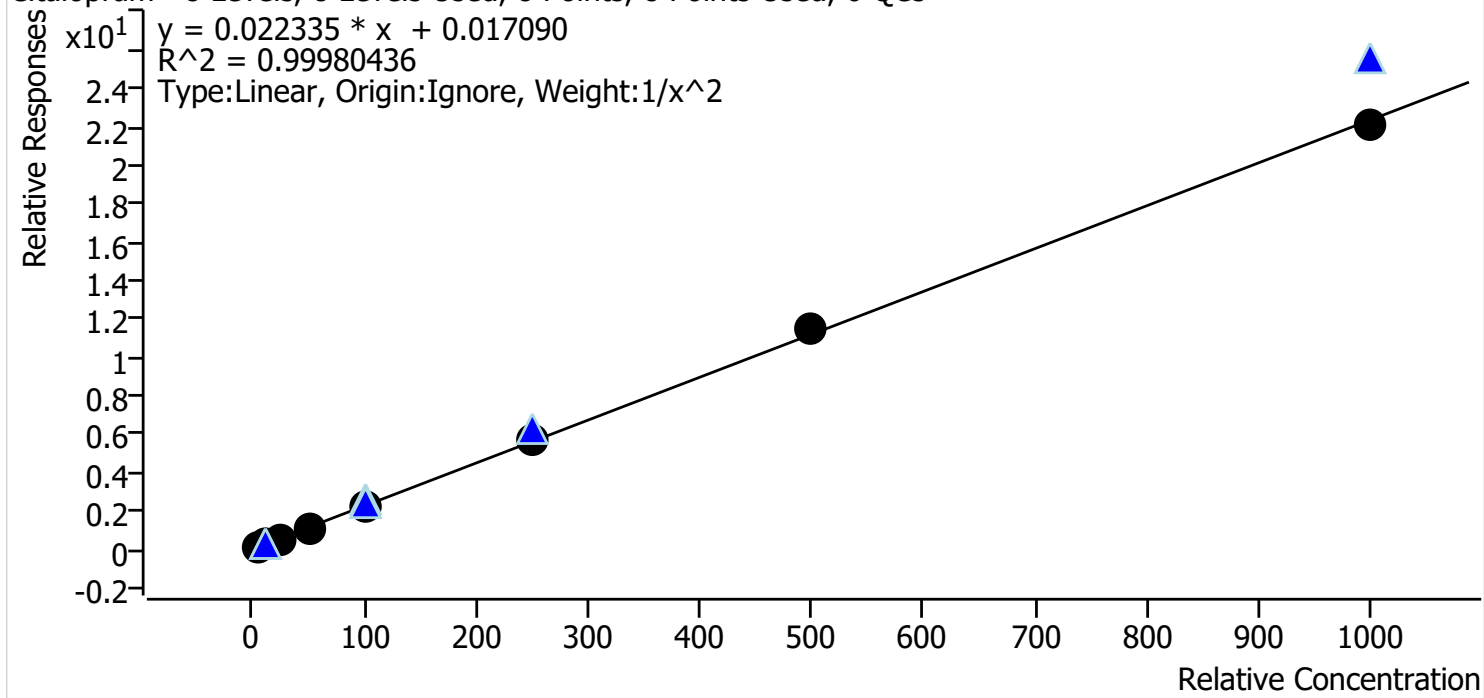
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	998.8	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



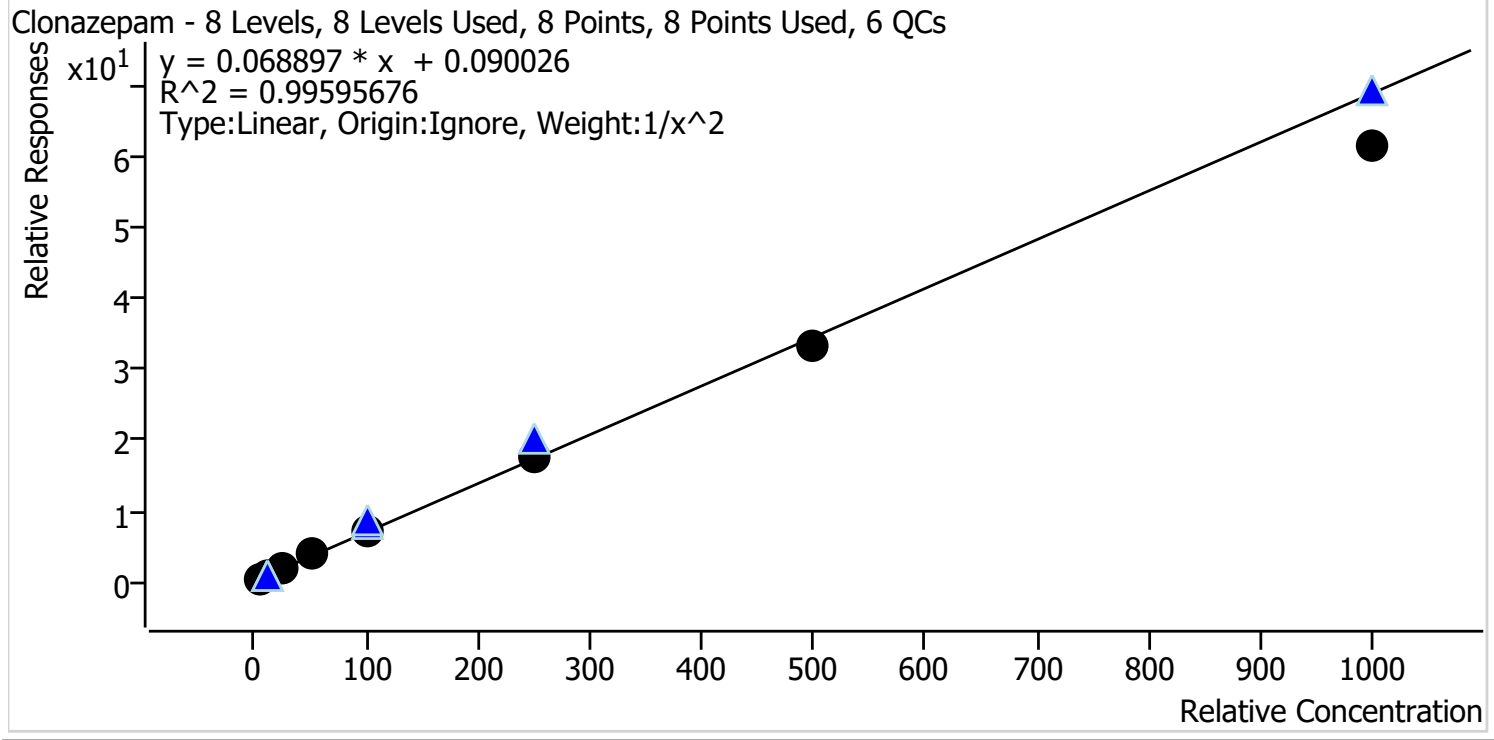
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	989.1	98.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



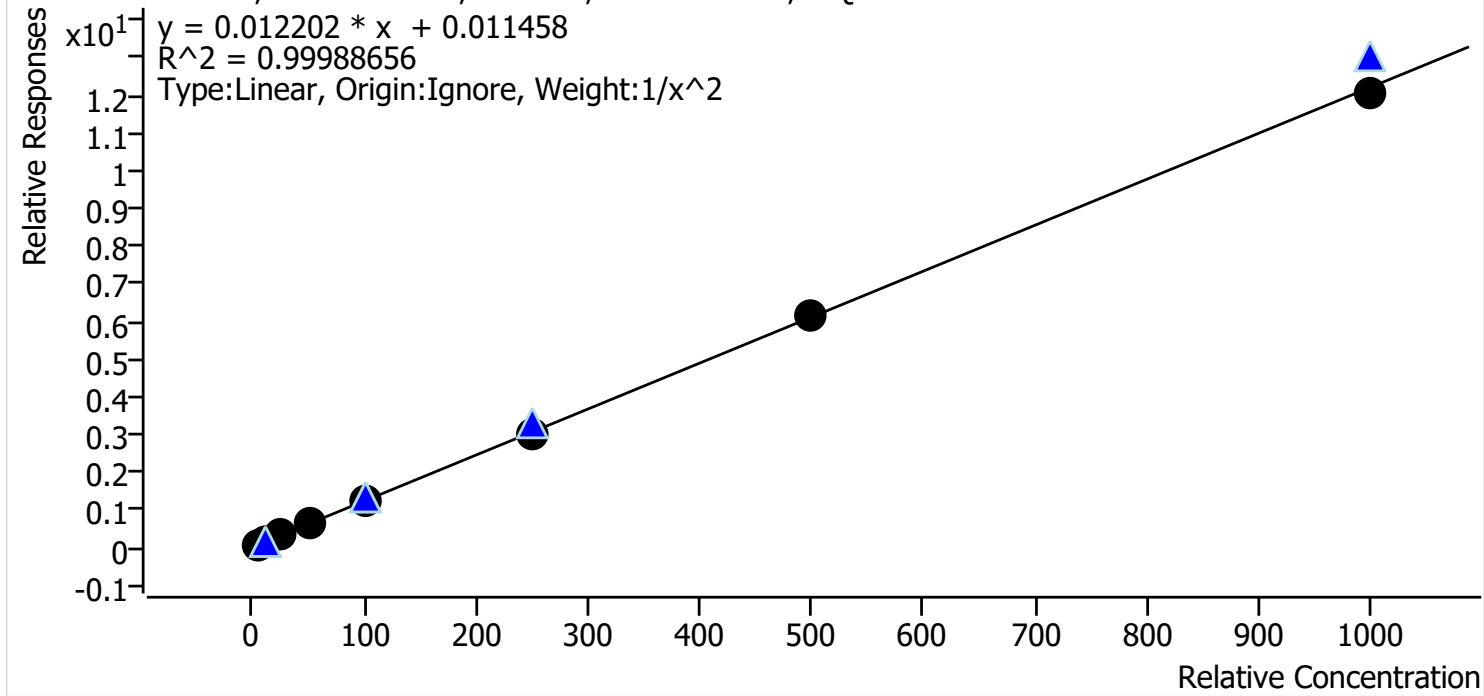
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	479.5	95.9
p1 Cal 8-1000ng	8	✓	1000.0	896.6	89.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

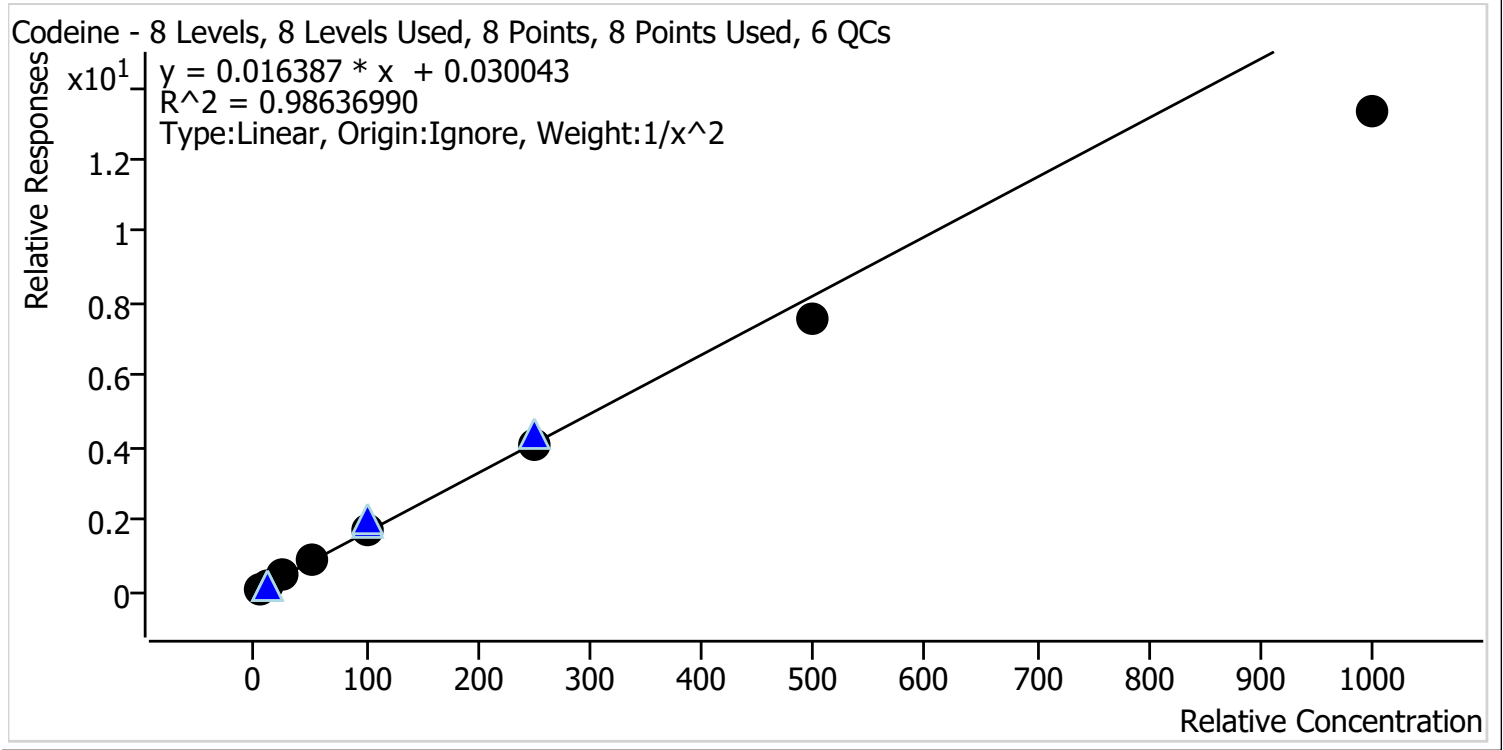


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	991.6	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

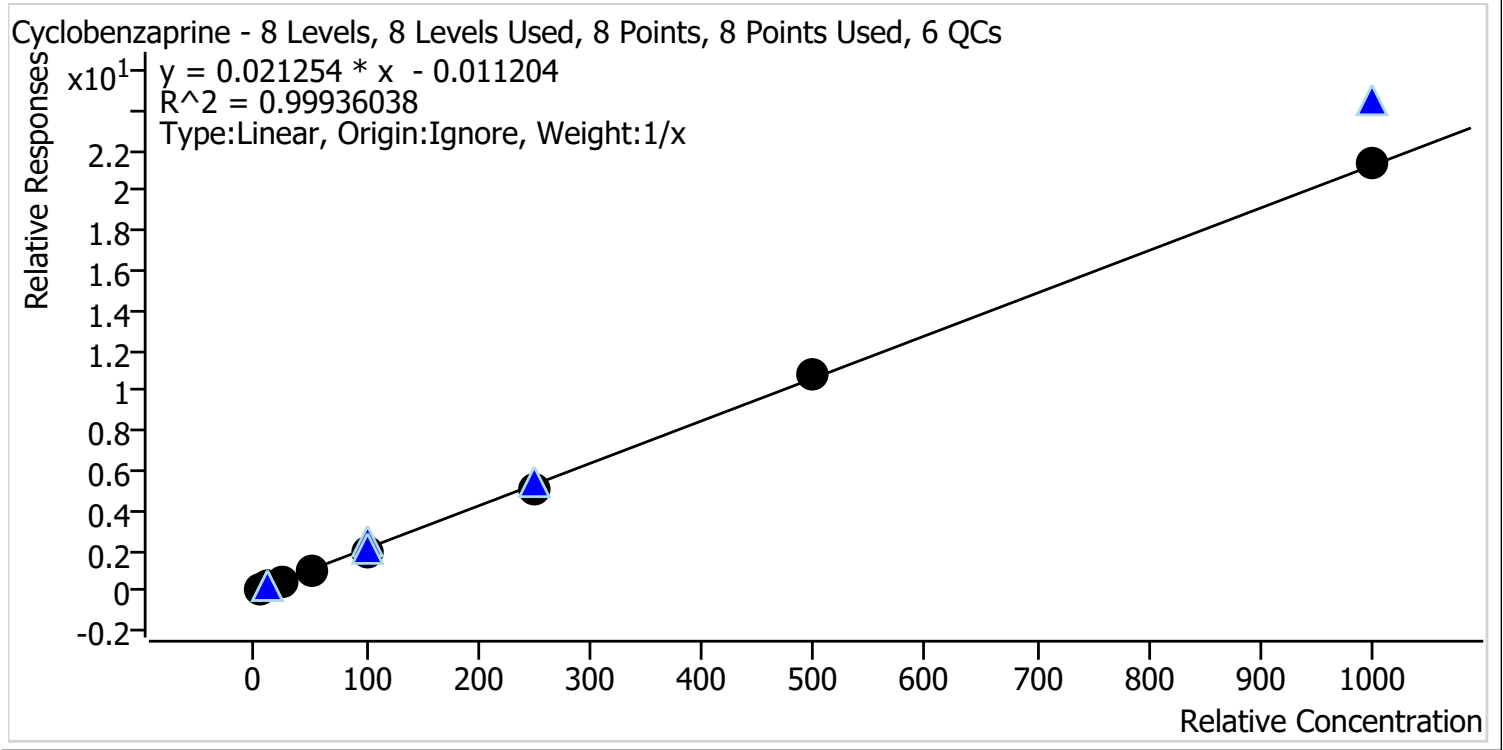


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	56.0	112.1
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	460.7	92.1
p1 Cal 8-1000ng	8	✓	1000.0	812.1	81.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

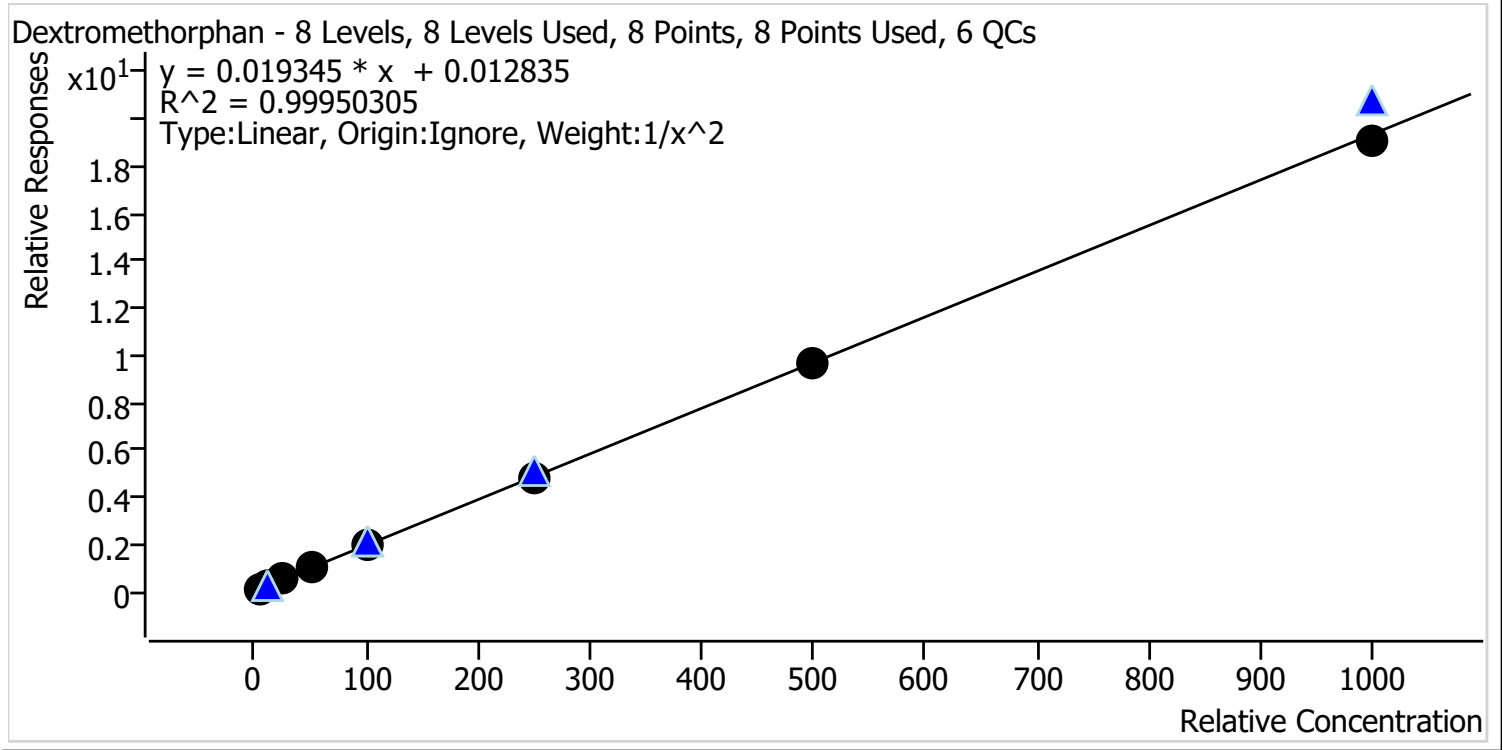


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1007.0	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



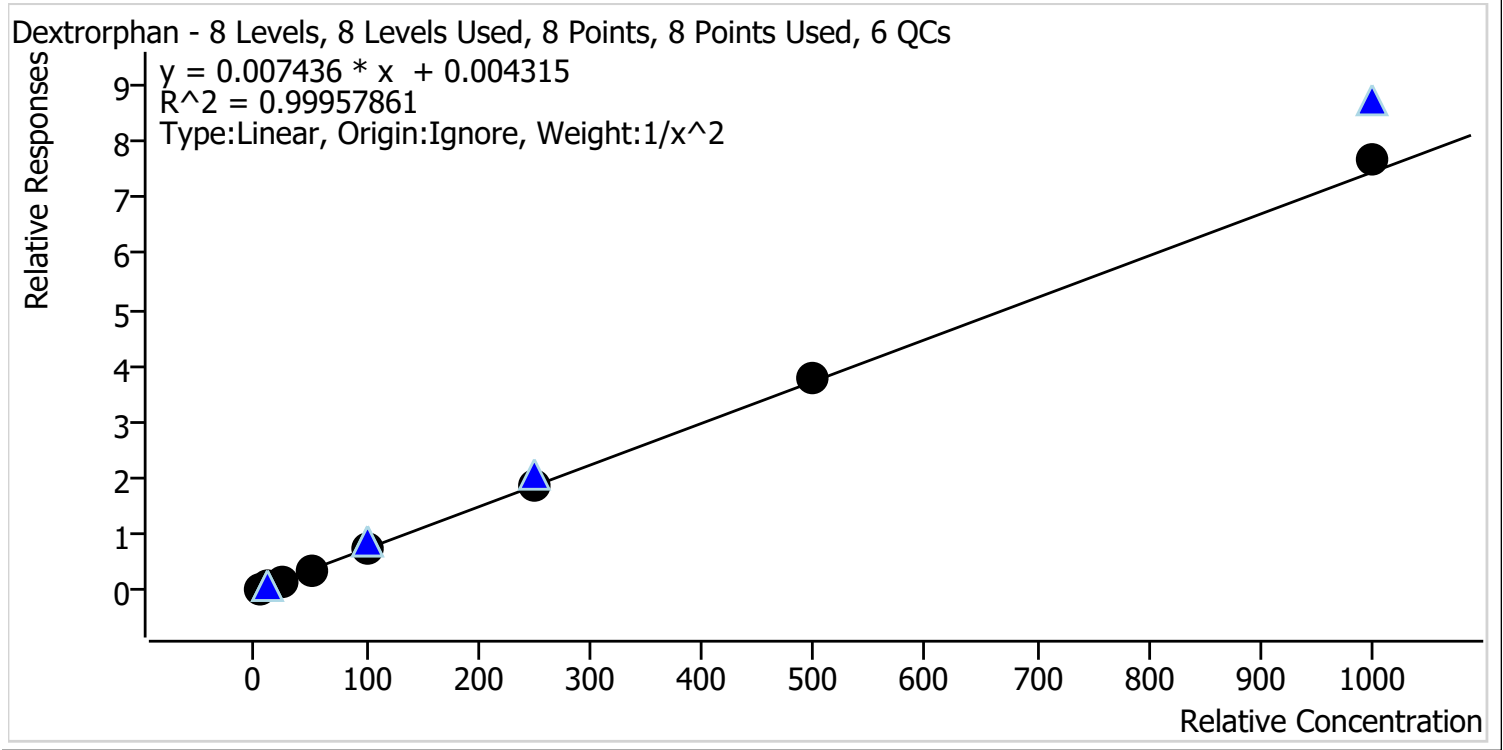
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	986.6	98.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Dextrophan Internal Standard Dextrophan-D3

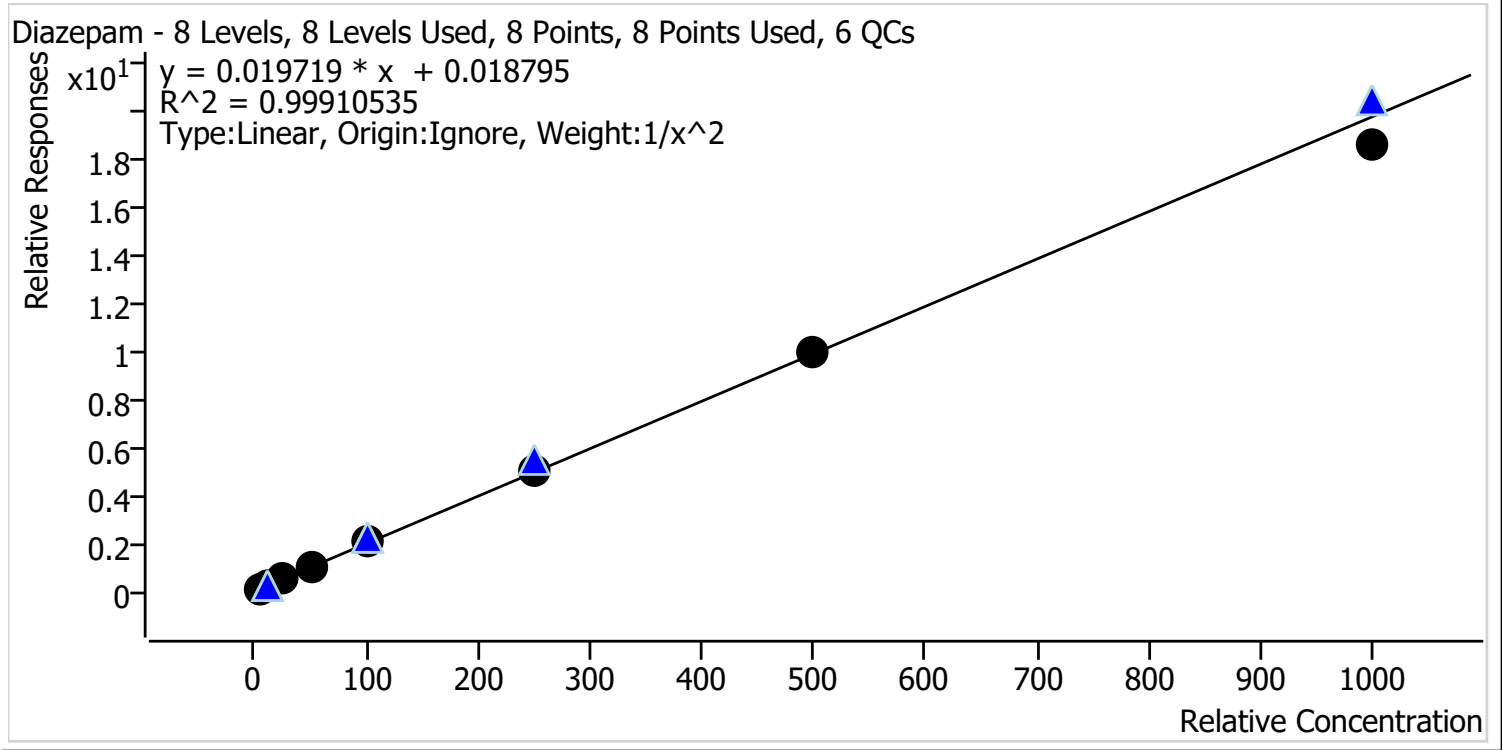


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	248.1	99.2
p1 Cal 7-500ng	7	✓	500.0	506.5	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1030.1	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



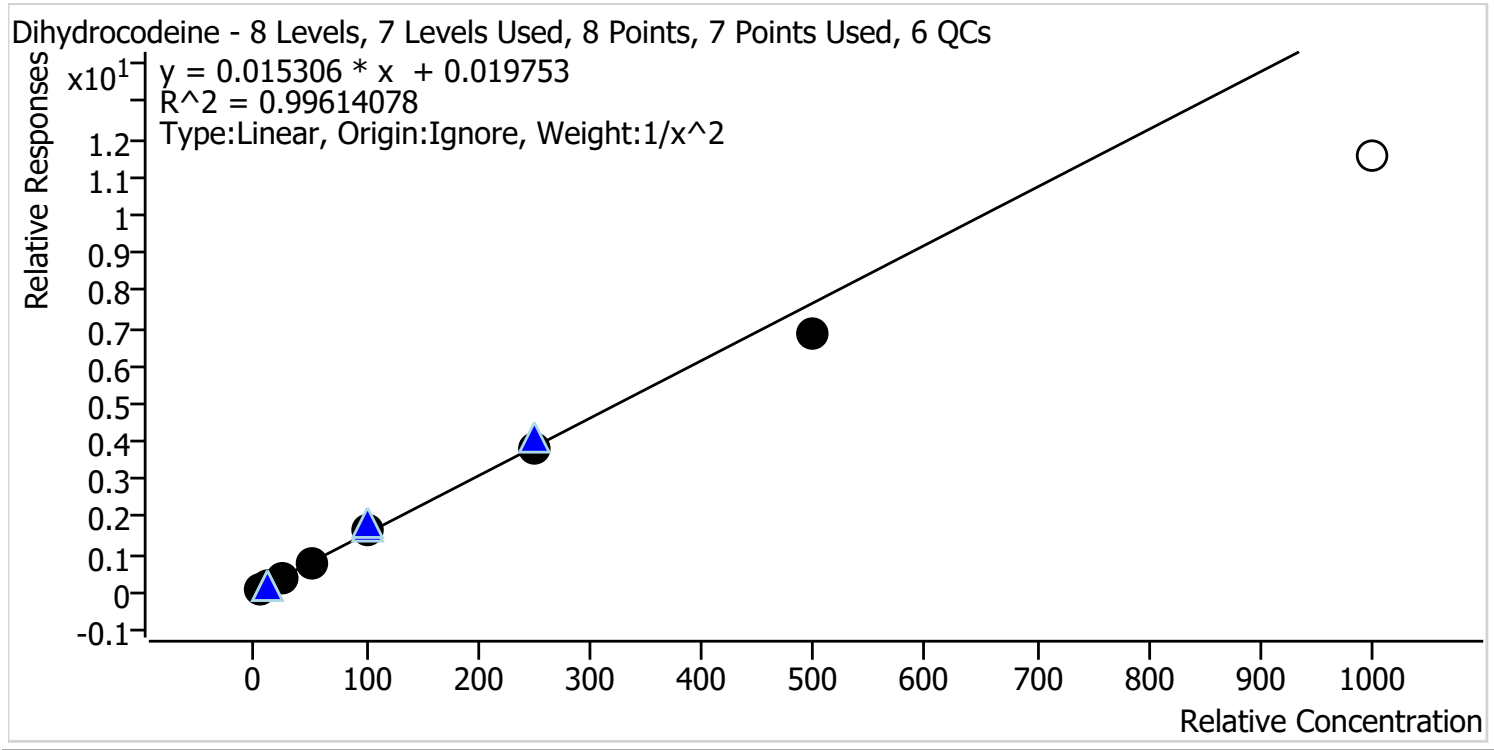
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	944.4	94.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	246.6	98.7
p1 Cal 7-500ng	7	✓	500.0	448.4	89.7
p1 Cal 8-1000ng	8	✗	1000.0	754.0	75.4

Calibrator 8 dropped due to not meeting accuracy requirement.

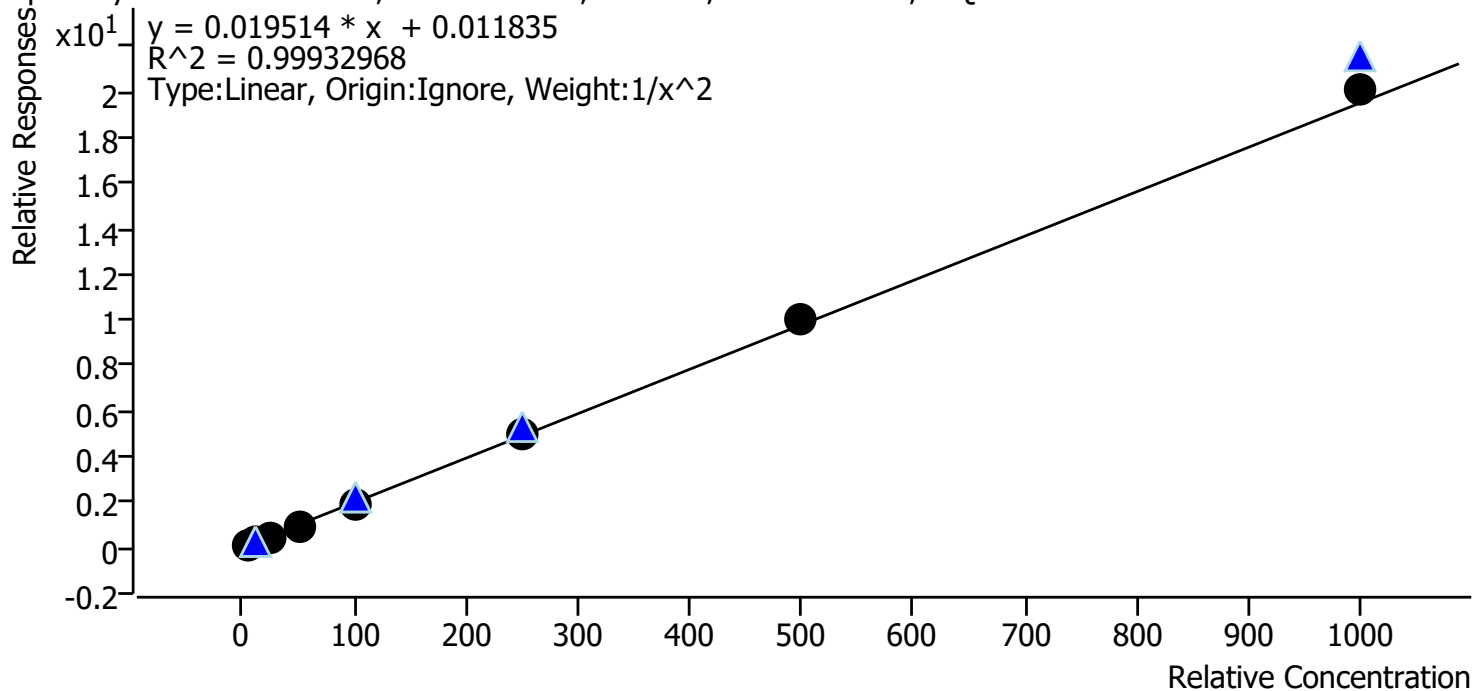
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



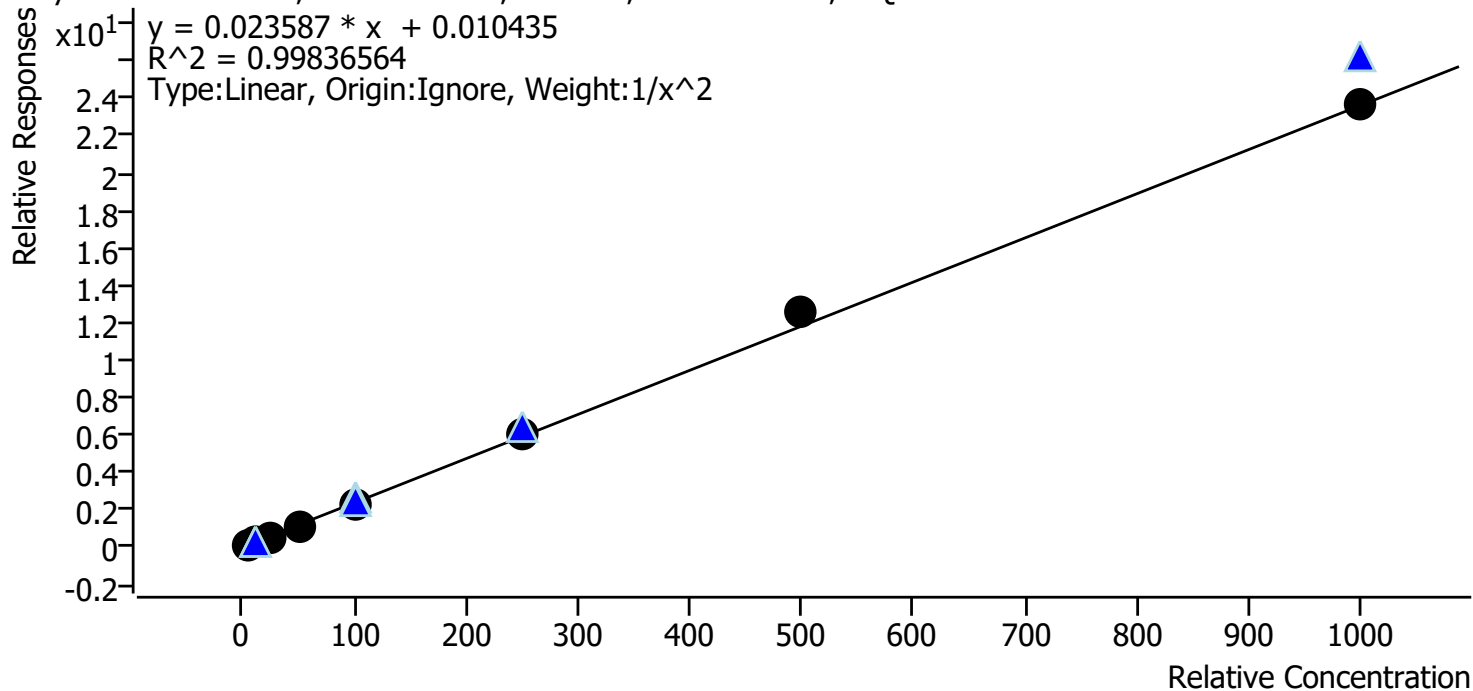
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	514.1	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1030.4	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



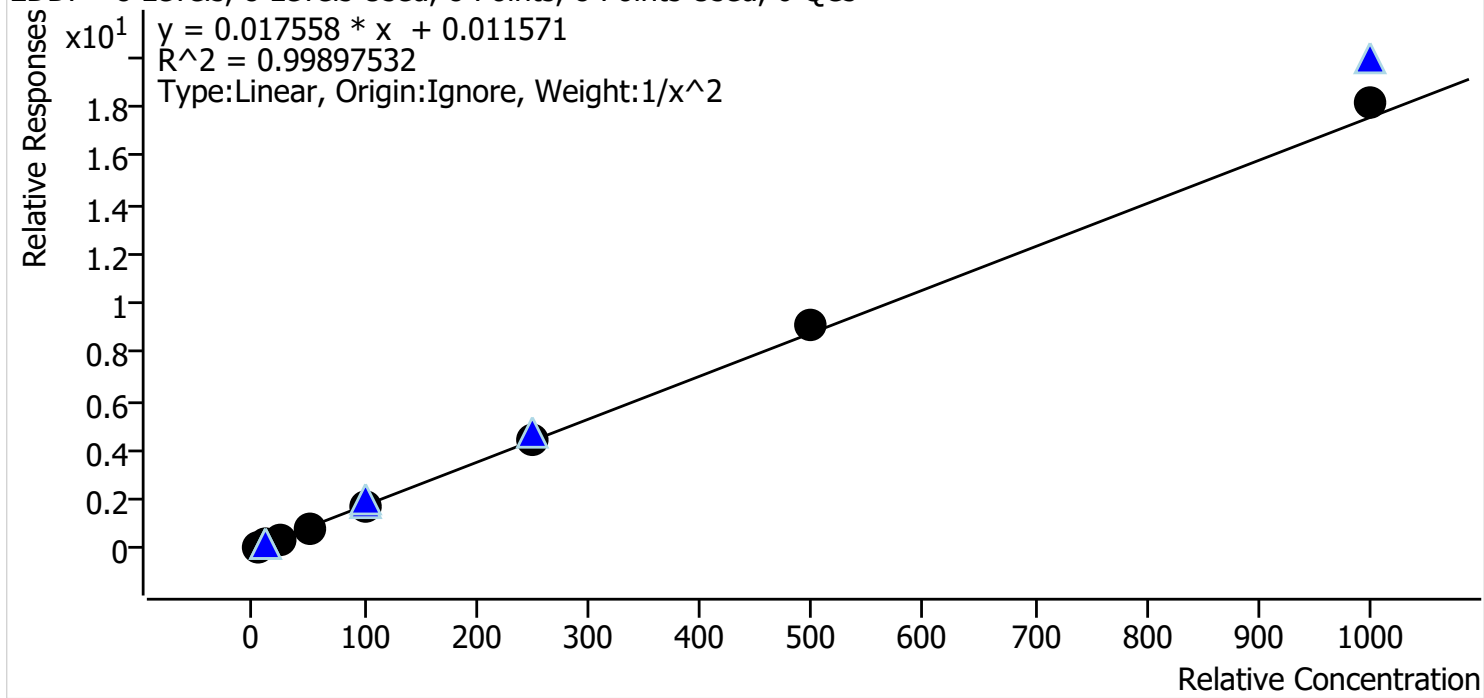
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	529.7	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1007.0	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

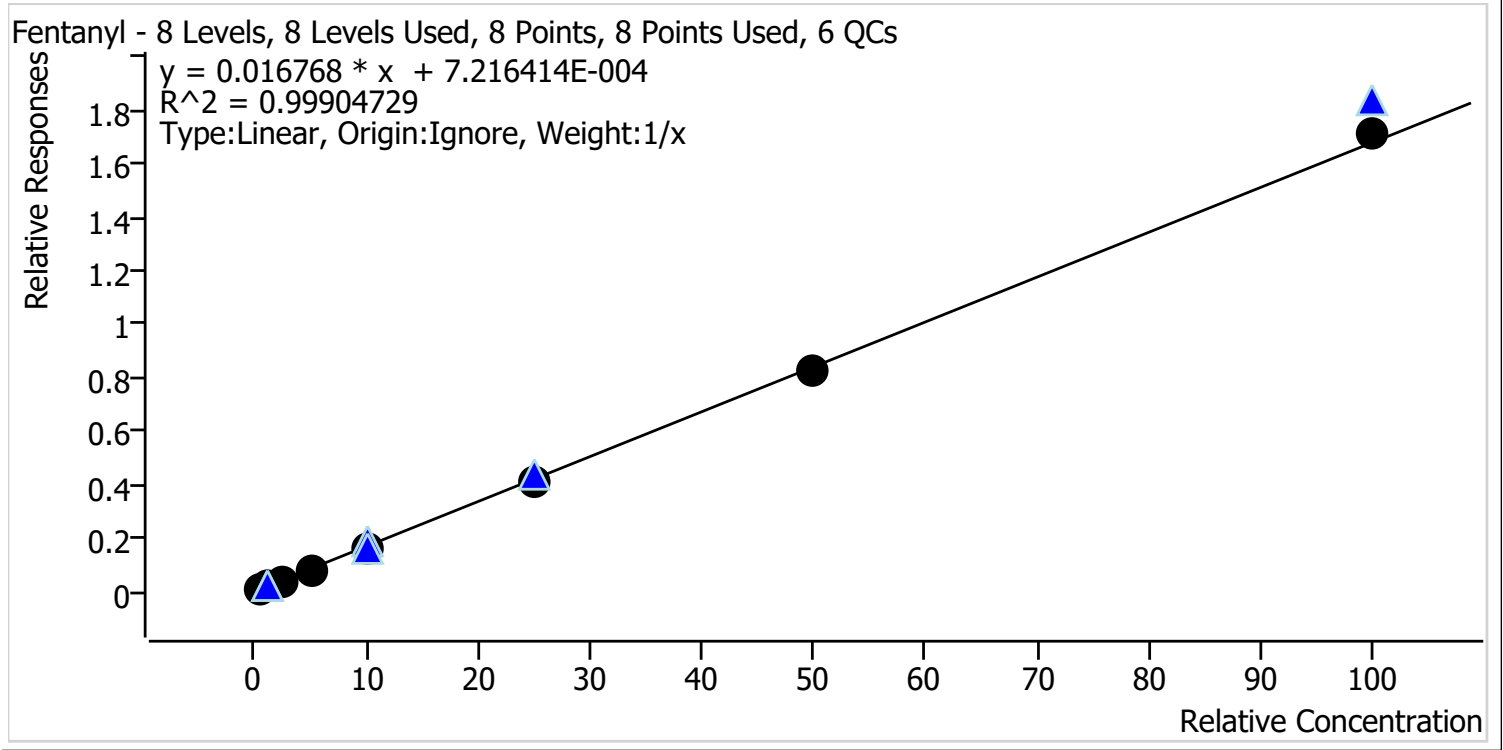


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1036.6	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

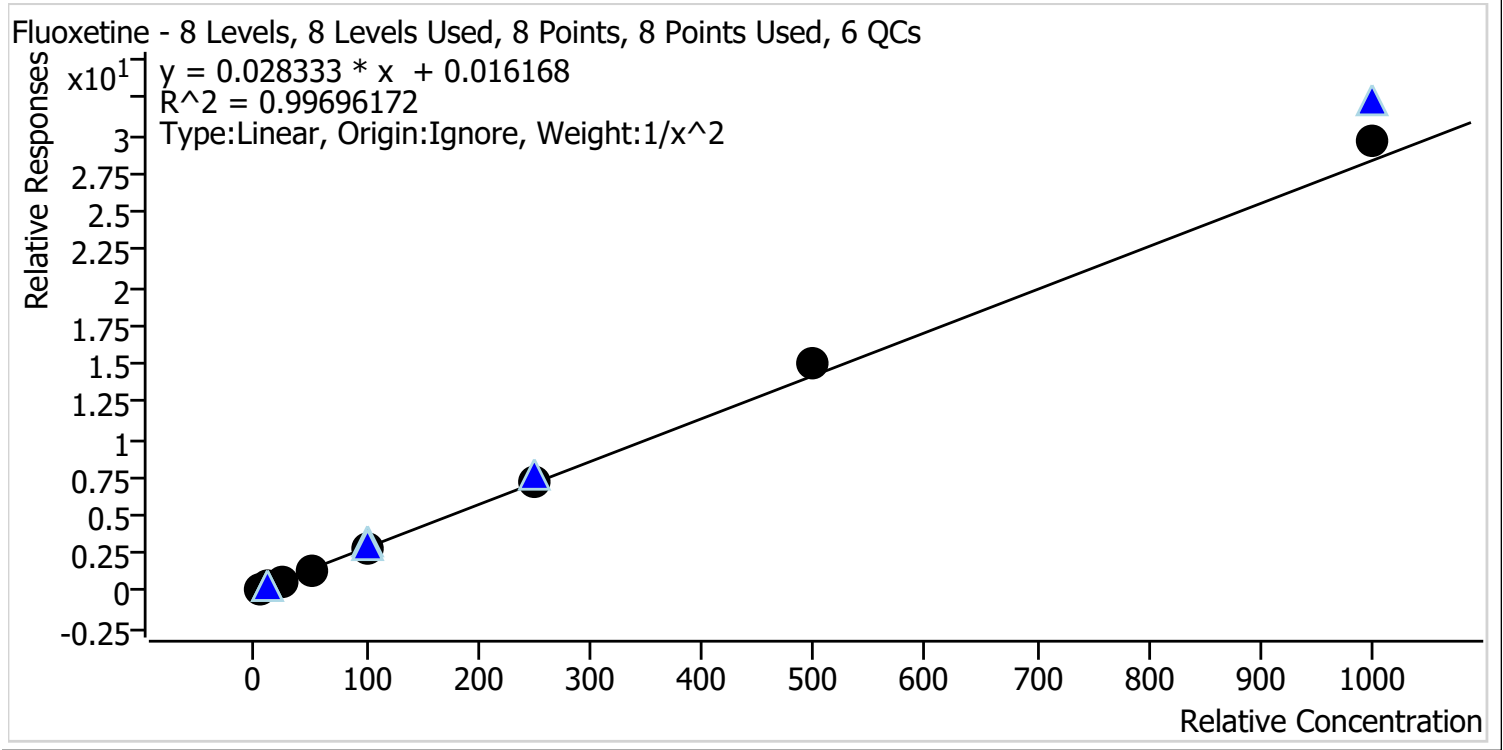


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	114.6
p1 Cal 2-10ng	2	✓	1.0	1.1	107.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.1
p1 Cal 4-50ng	4	✓	5.0	4.6	92.2
p1 Cal 5-100ng	5	✓	10.0	9.3	92.6
p1 Cal 6-250ng	6	✓	25.0	24.6	98.3
p1 Cal 7-500ng	7	✓	50.0	49.4	98.9
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

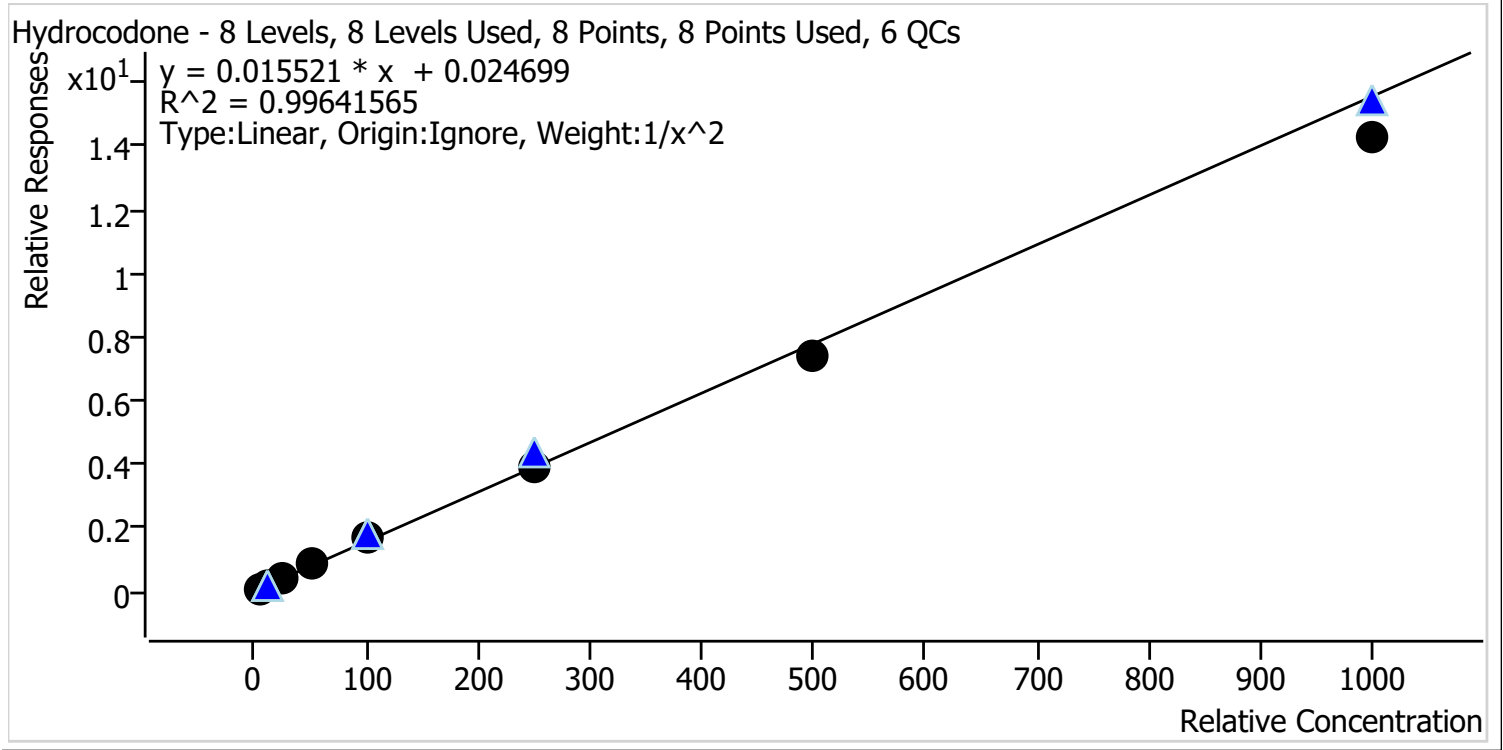


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.4
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	526.6	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1050.0	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



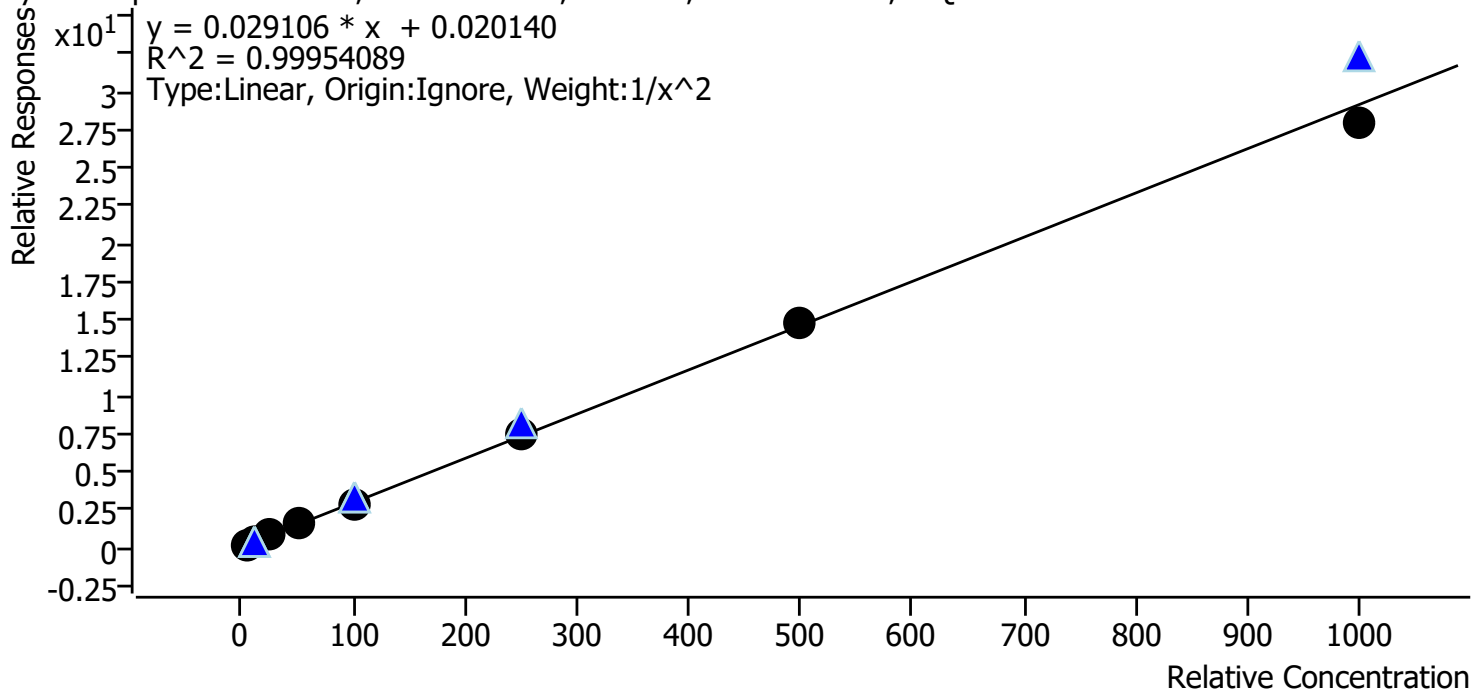
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	472.3	94.5
p1 Cal 8-1000ng	8	✓	1000.0	920.3	92.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

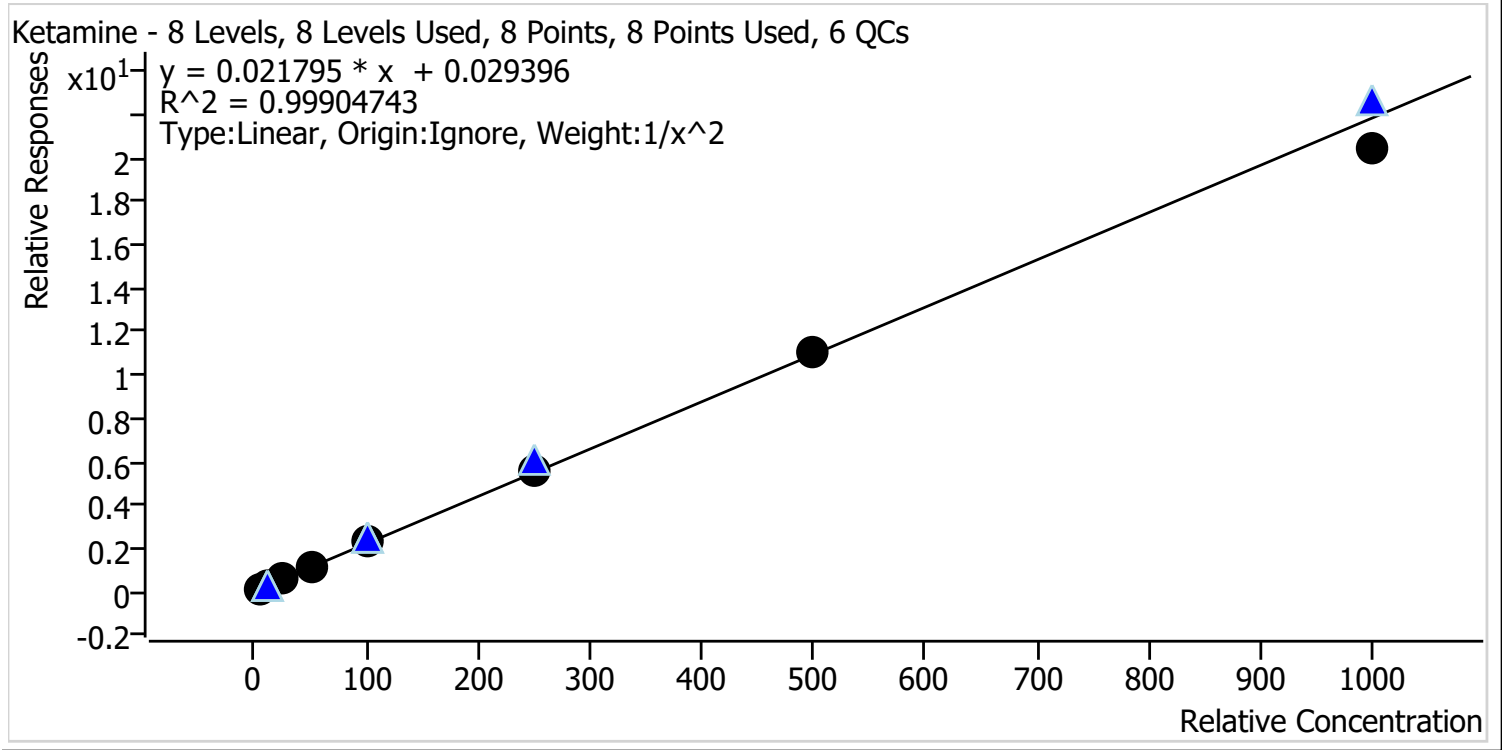


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	960.8	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



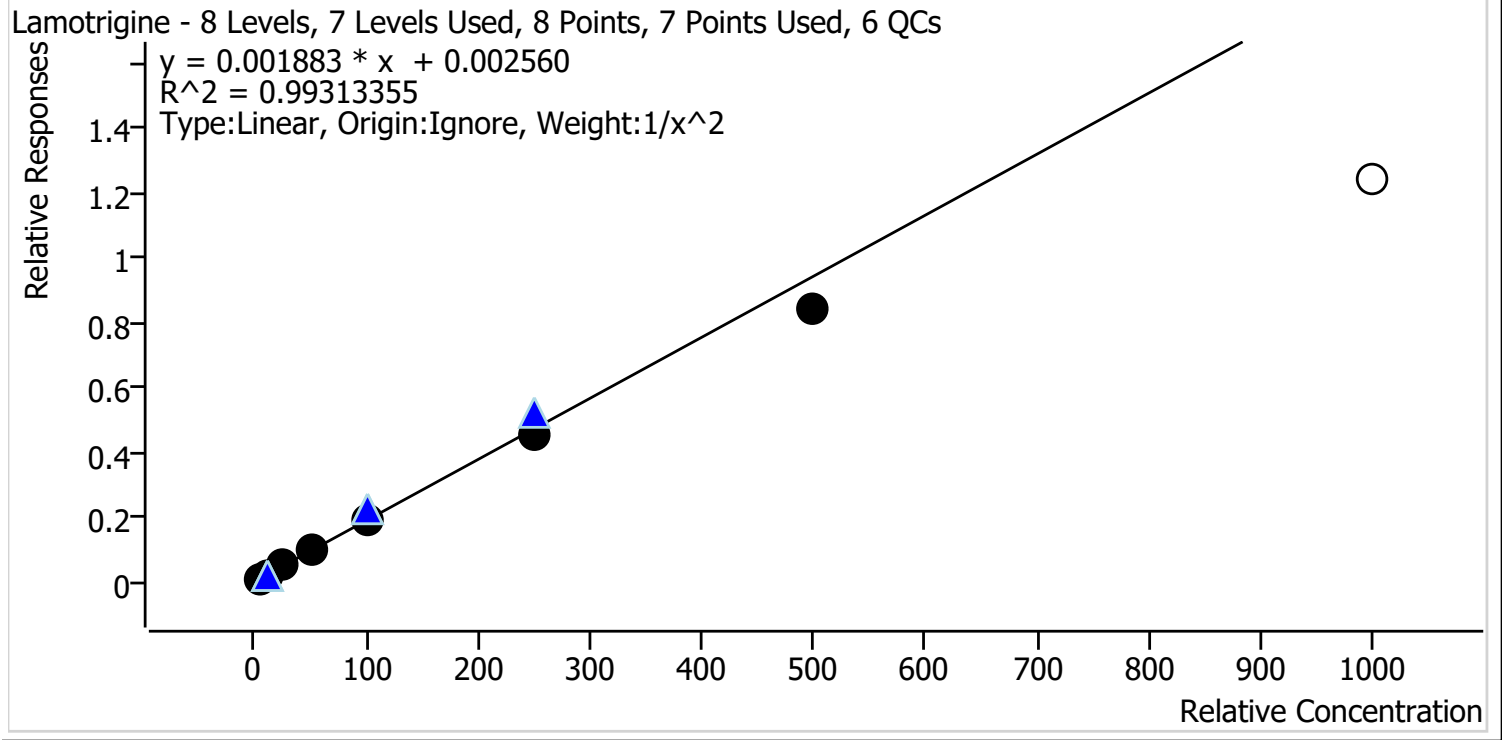
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	502.5	100.5
p1 Cal 8-1000ng	8	✓	1000.0	939.0	93.9

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



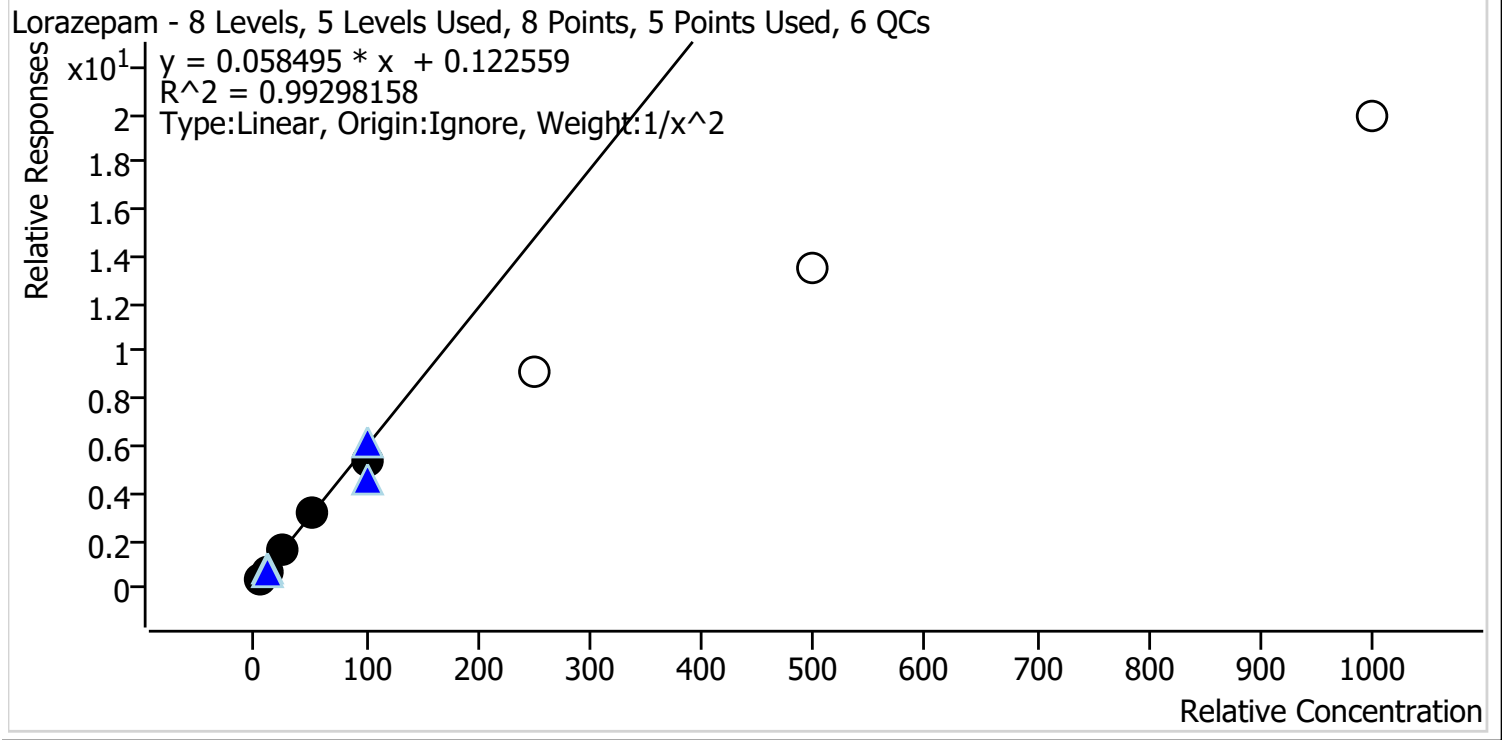
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.7	107.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	445.9	89.2
p1 Cal 8-1000ng	8	x	1000.0	658.9	65.9

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\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.7	107.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	90.9	90.9
p1 Cal 6-250ng	6	✗	250.0	154.8	61.9
p1 Cal 7-500ng	7	✗	500.0	228.2	45.6
p1 Cal 8-1000ng	8	✗	1000.0	338.8	33.9

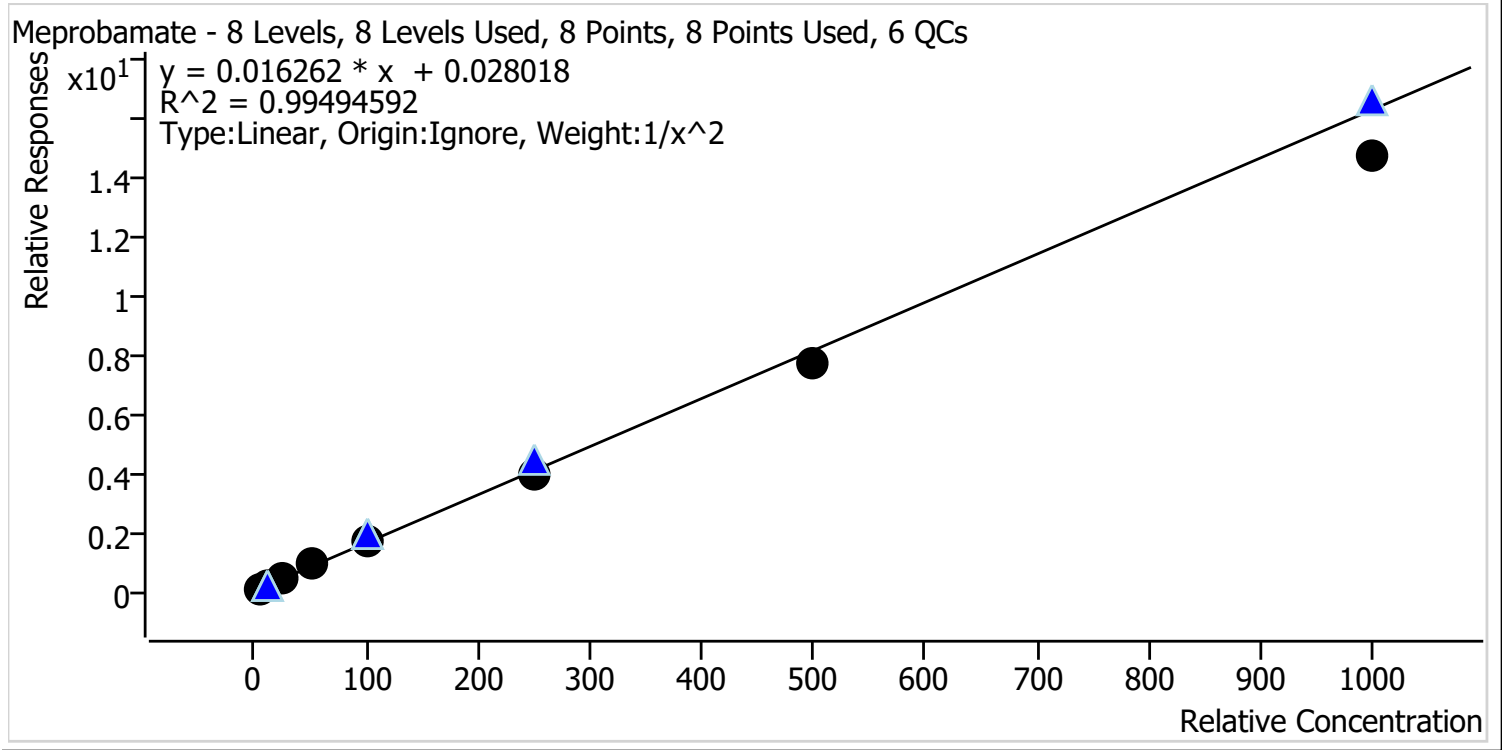
Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

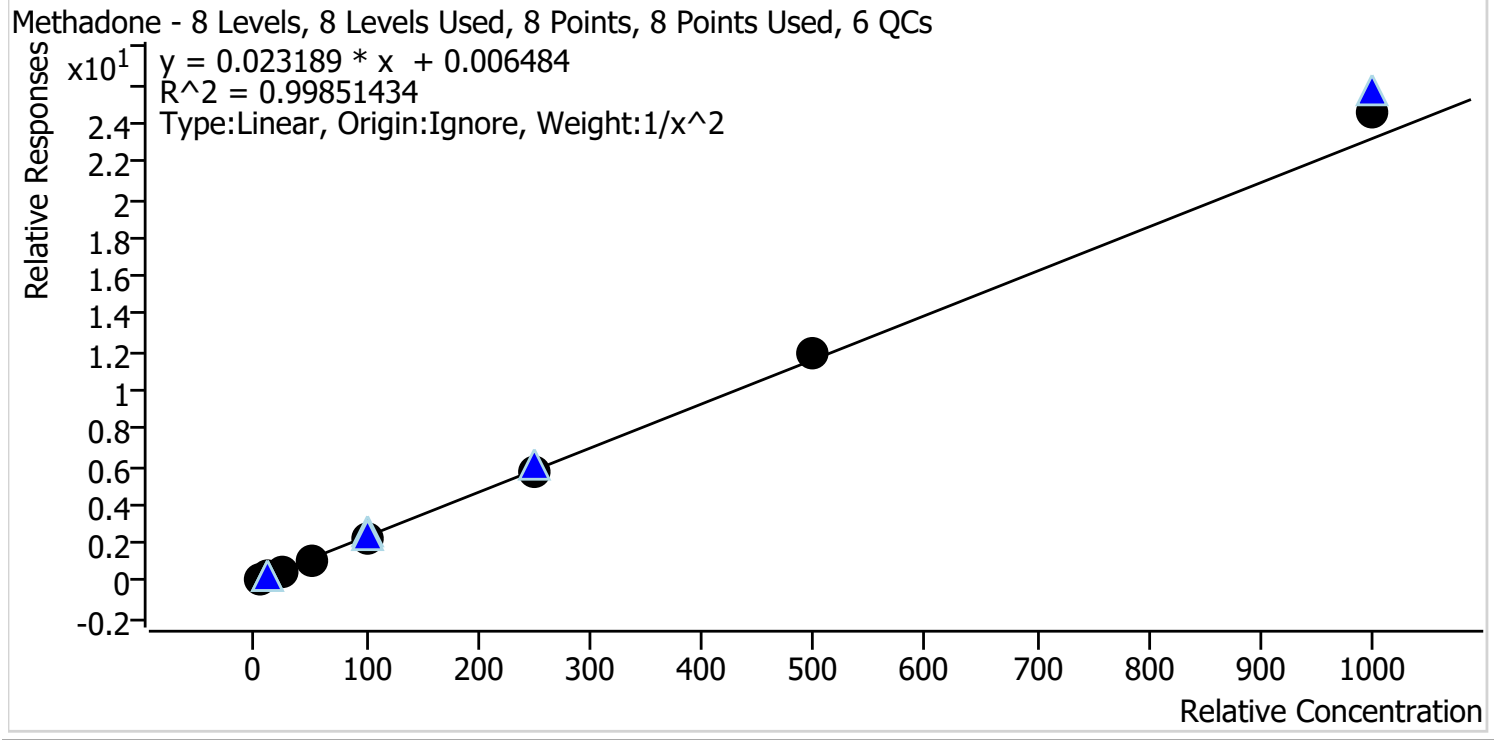


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	471.4	94.3
p1 Cal 8-1000ng	8	✓	1000.0	903.1	90.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

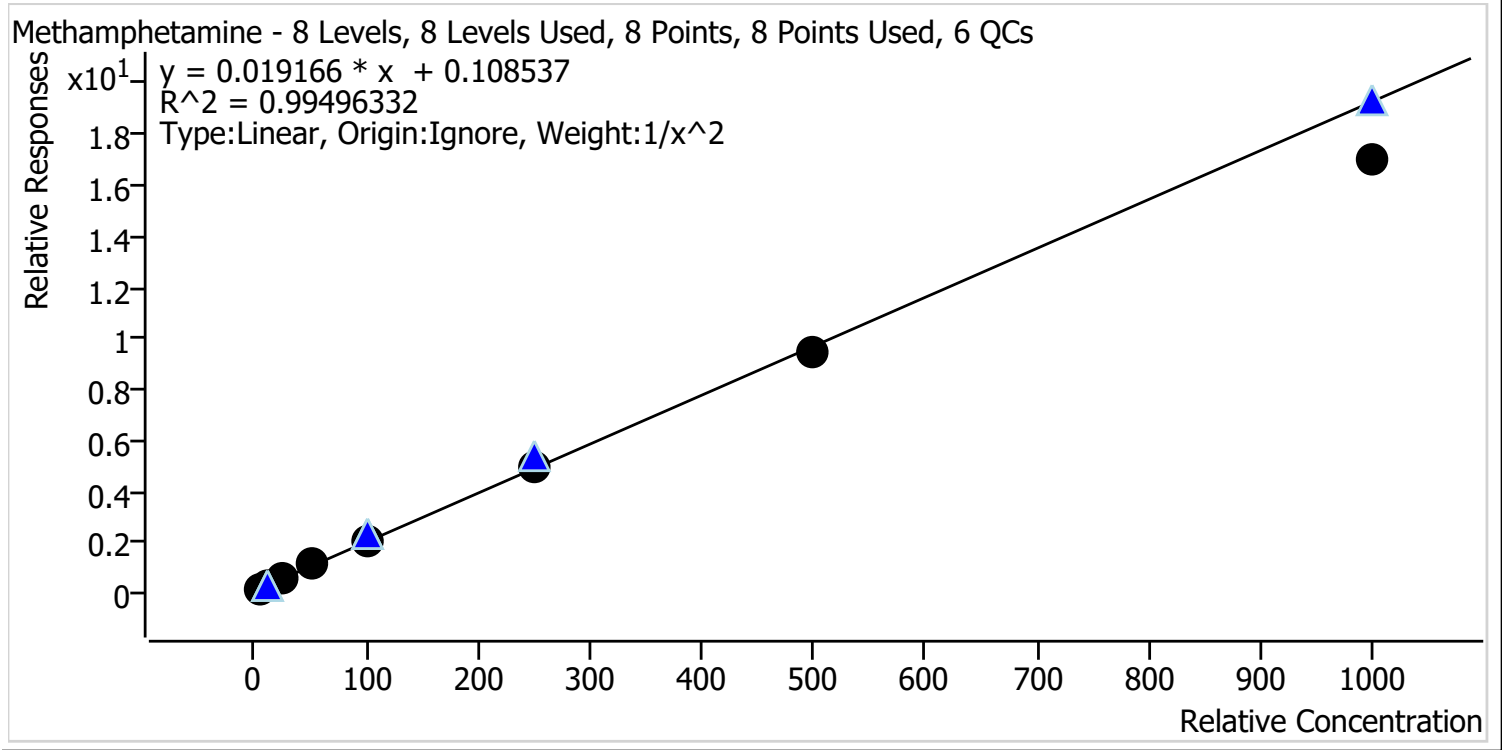


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	516.2	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1061.3	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



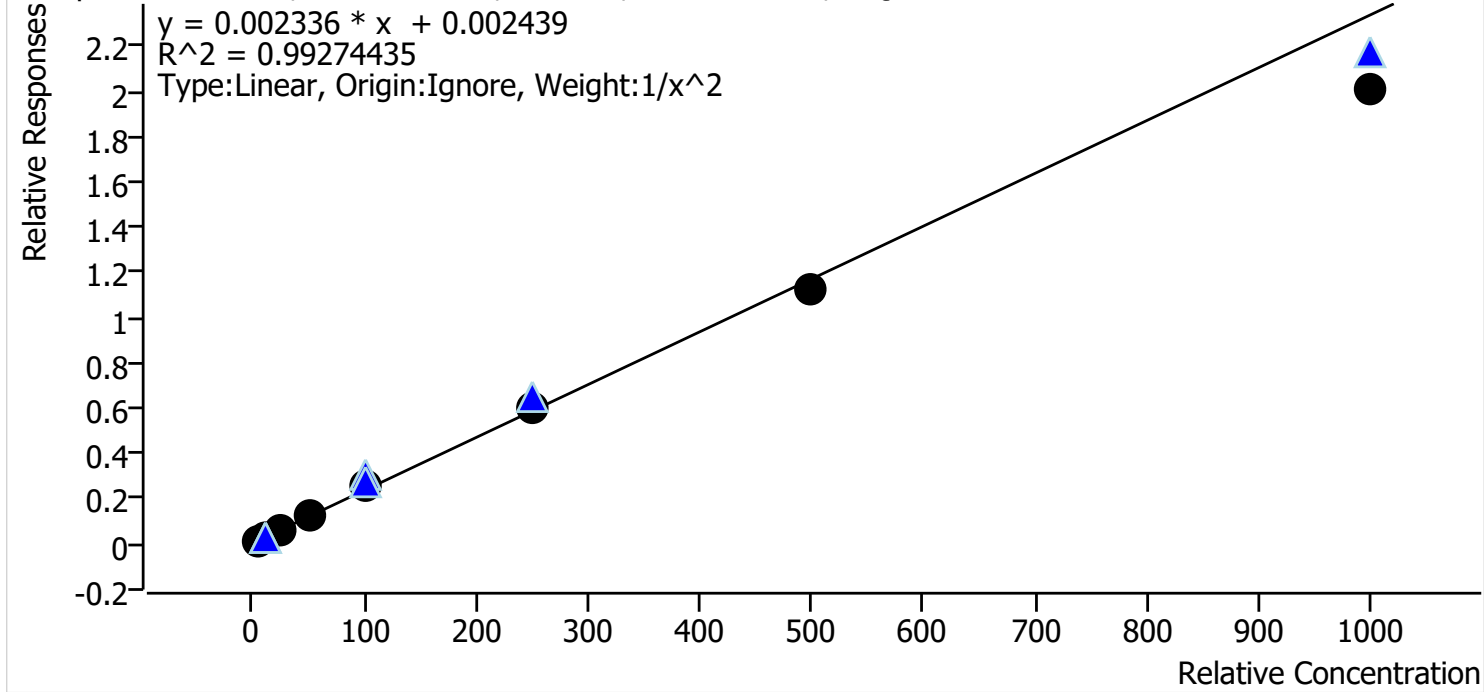
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.6	106.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	489.3	97.9
p1 Cal 8-1000ng	8	✓	1000.0	878.9	87.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



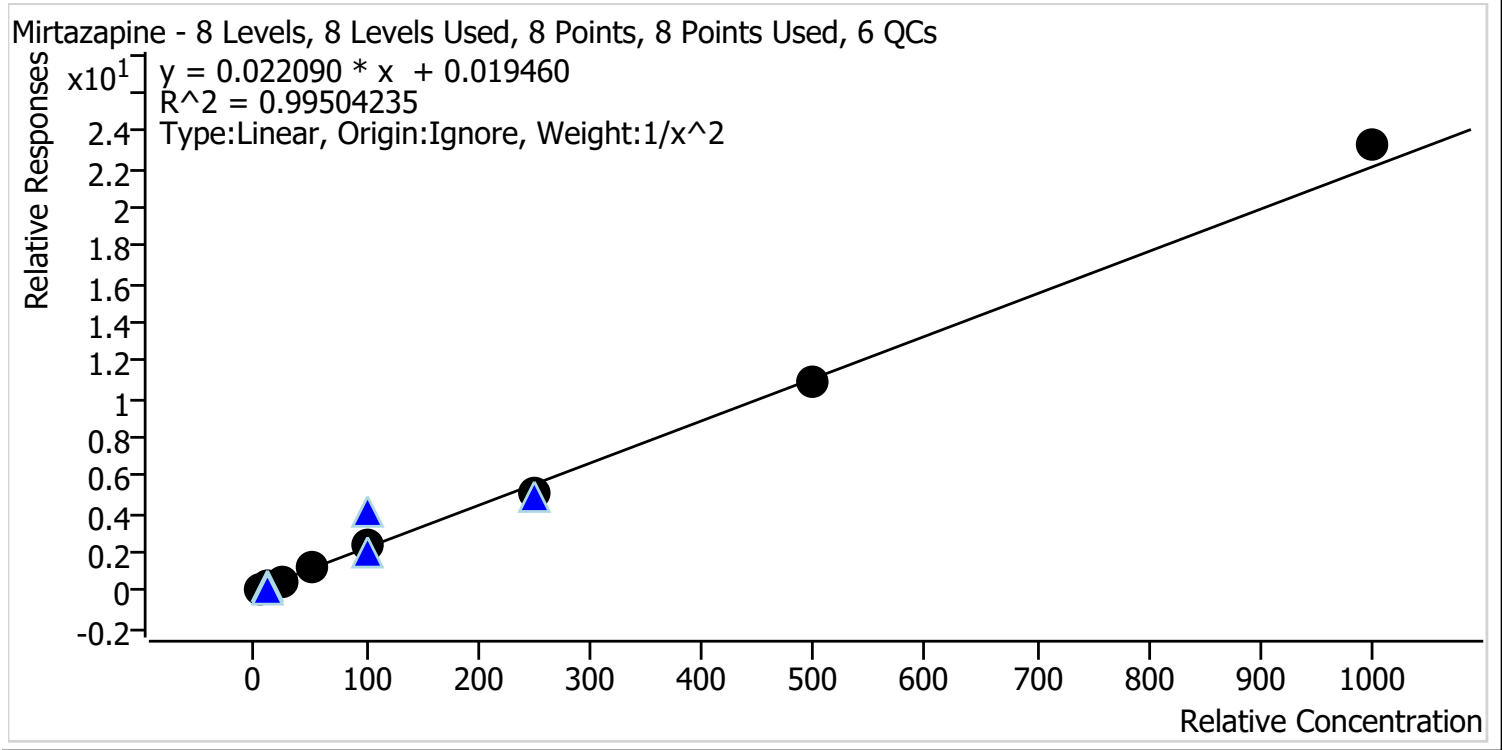
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.7	107.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	478.8	95.8
p1 Cal 8-1000ng	8	✓	1000.0	856.3	85.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



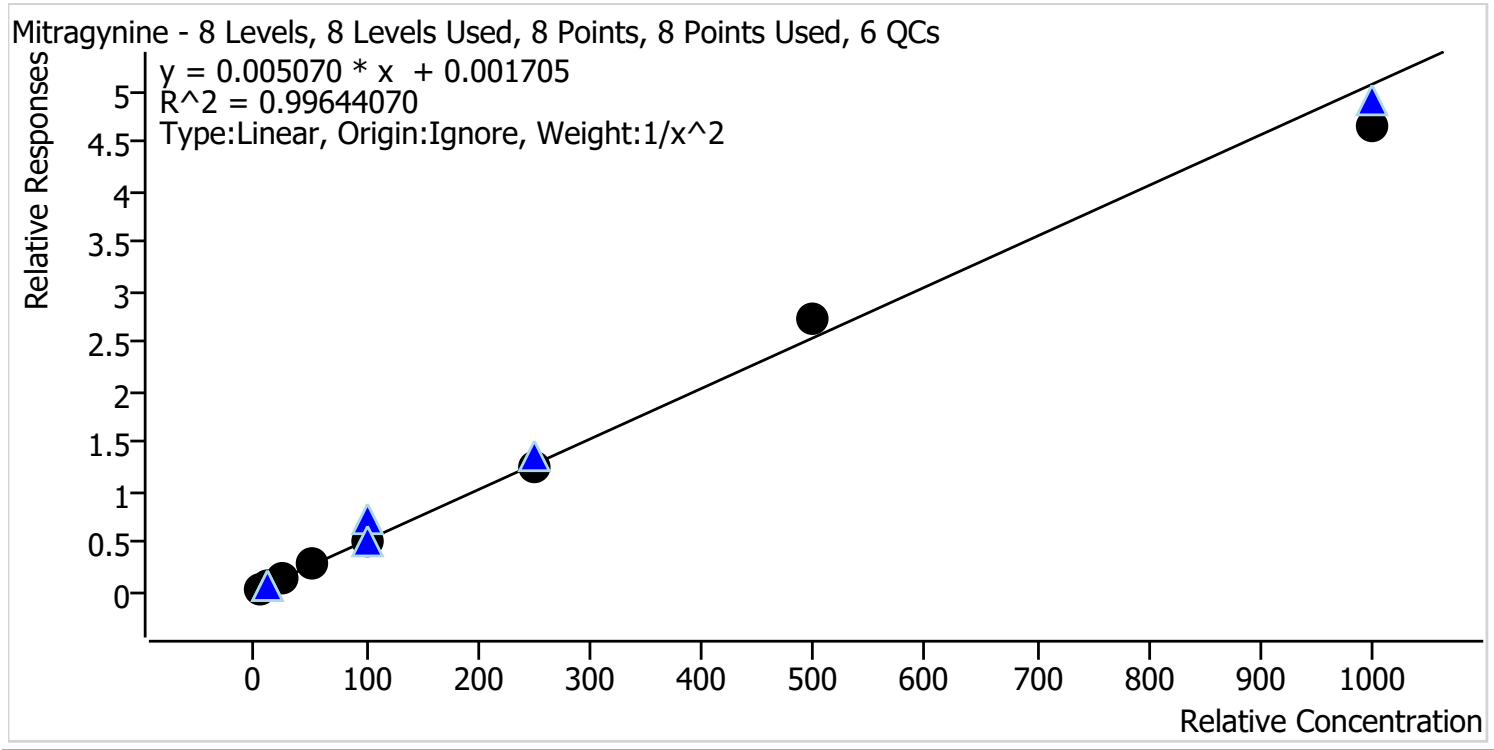
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	227.8	91.1
p1 Cal 7-500ng	7	✓	500.0	494.4	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1049.6	105.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

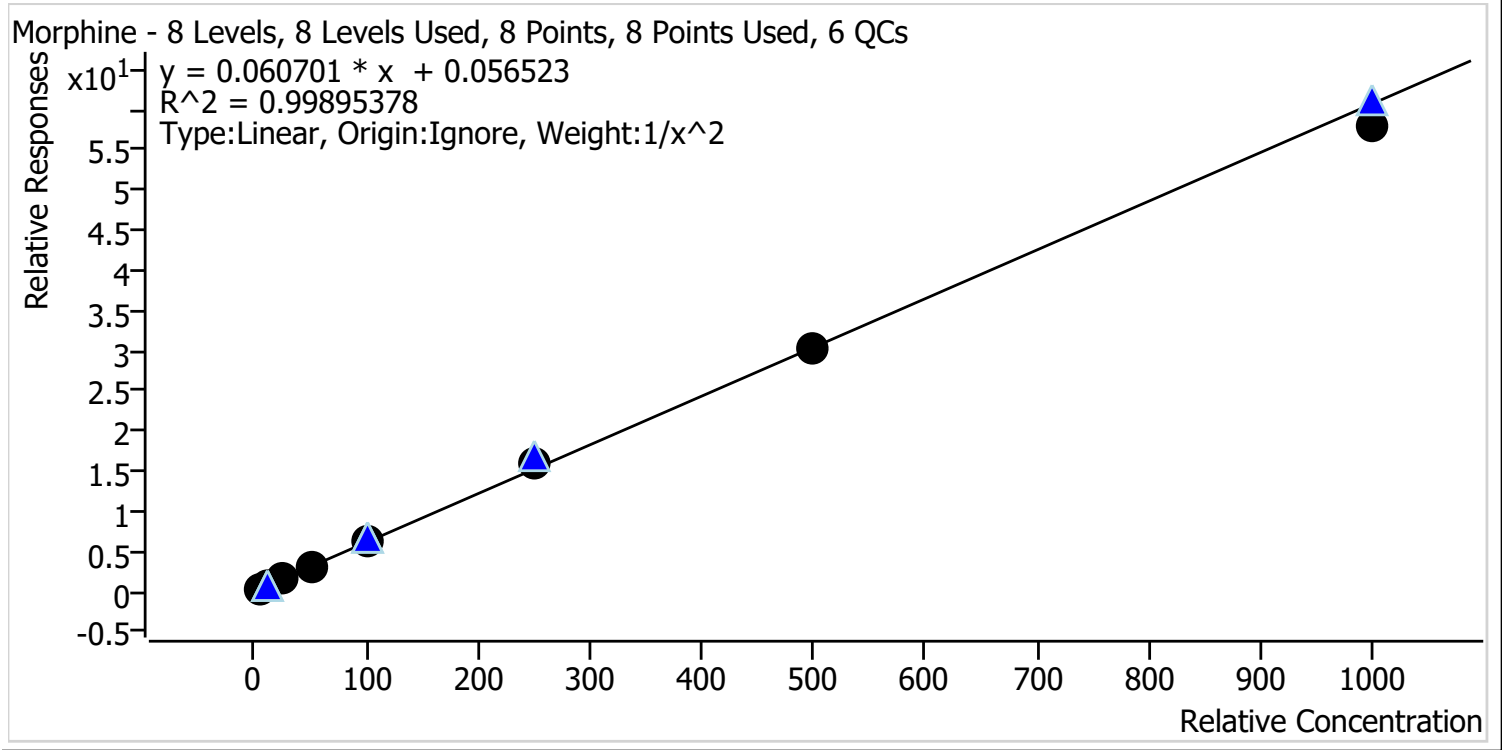


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	537.7	107.5
p1 Cal 8-1000ng	8	✓	1000.0	919.0	91.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



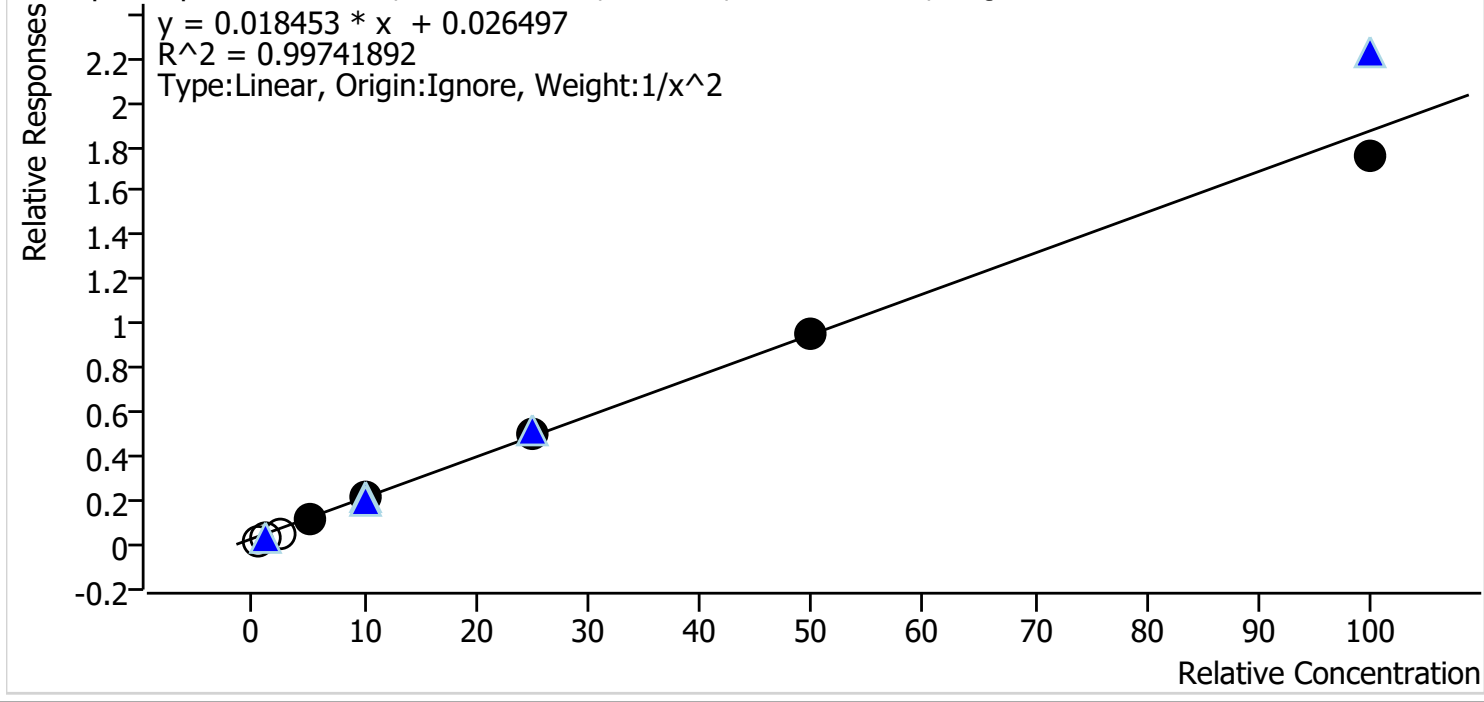
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	259.9	104.0
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	952.4	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 5 QCs



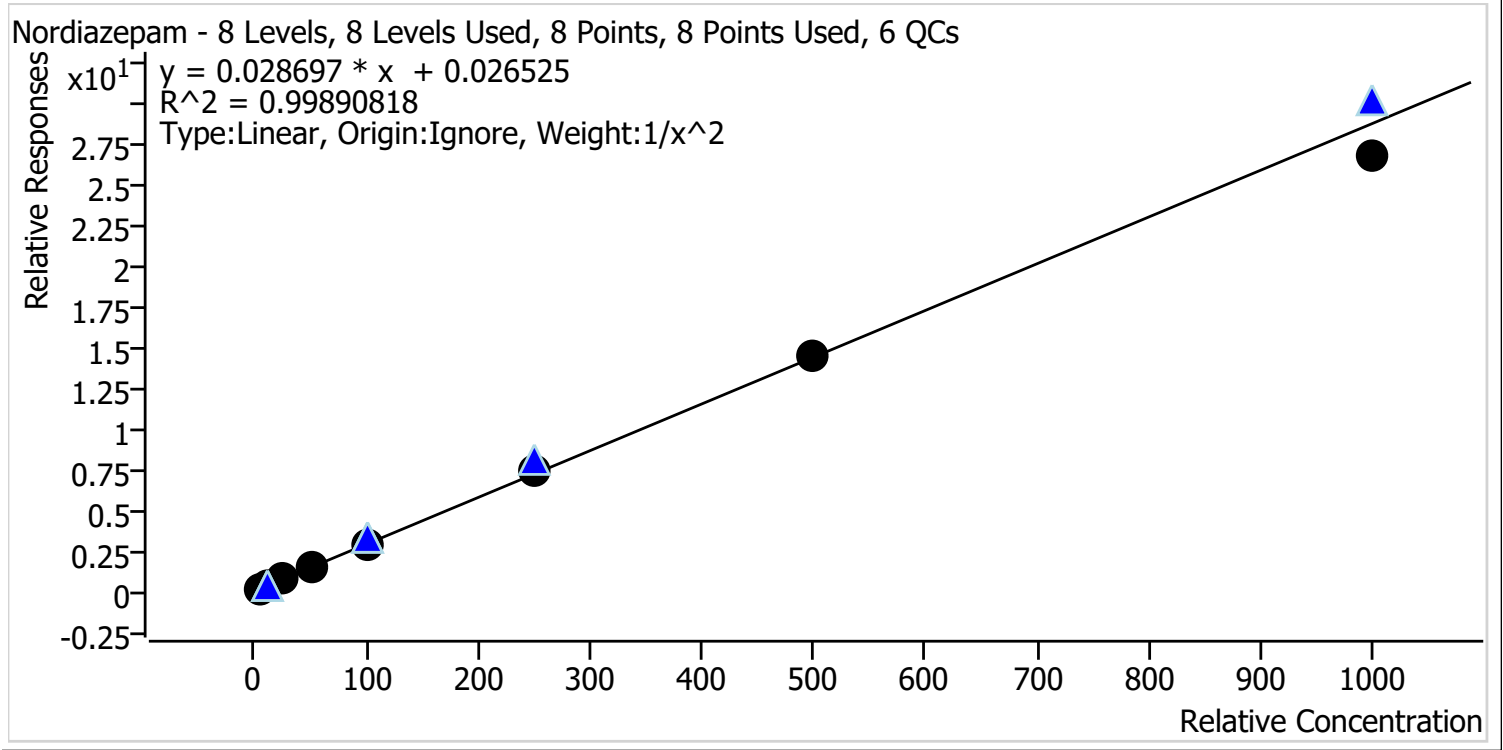
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.0	0.0
p1 Cal 2-10ng	2	x	1.0	0.1	9.5
p1 Cal 3 -25ng	3	x	2.5	0.7	29.4
p1 Cal 4-50ng	4	✓	5.0	4.9	98.5
p1 Cal 5-100ng	5	✓	10.0	10.2	101.6
p1 Cal 6-250ng	6	✓	25.0	26.1	104.5
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	94.1	94.1

Calibrators 1, 2, and 3 dropped due to not meeting accuracy requirements.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

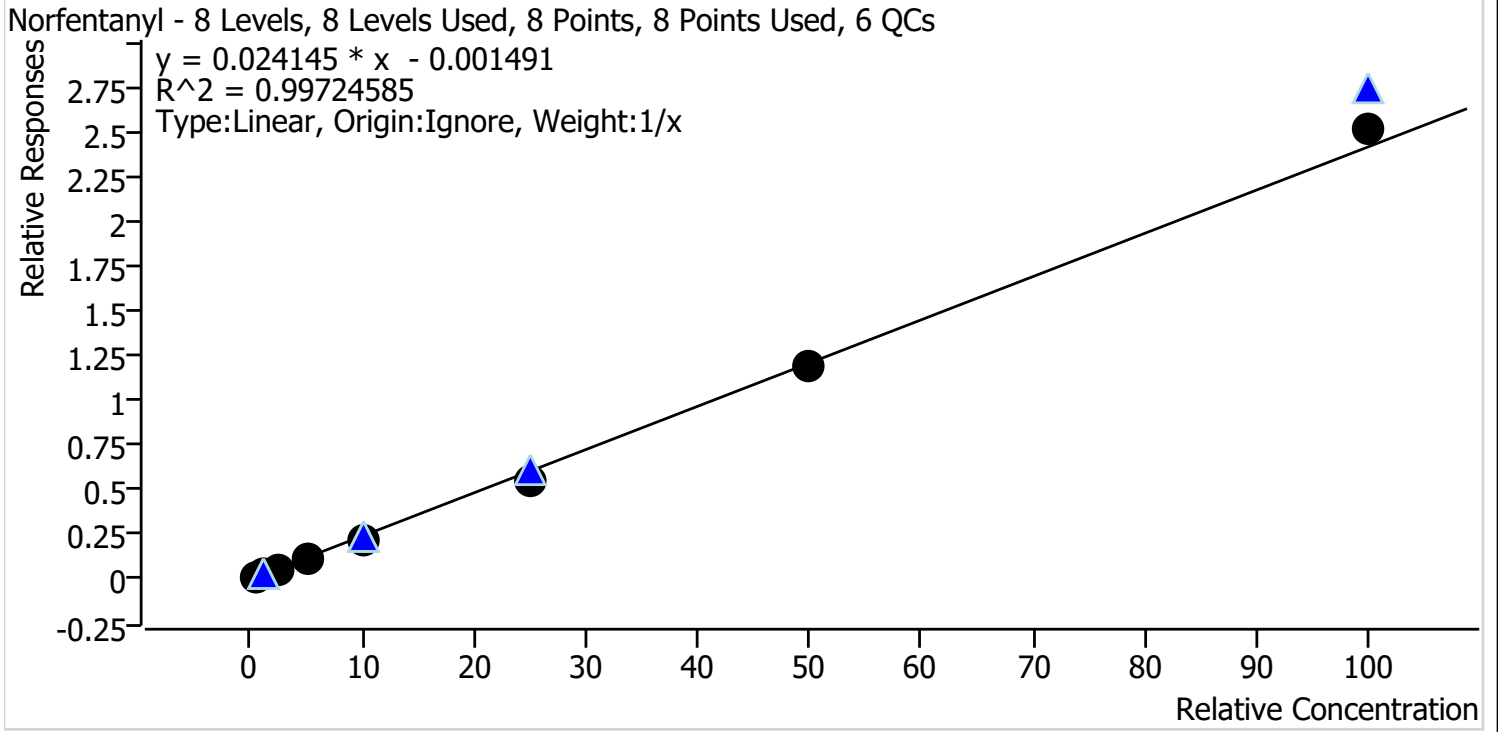


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
p1 Cal 8-1000ng	8	✓	1000.0	935.2	93.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

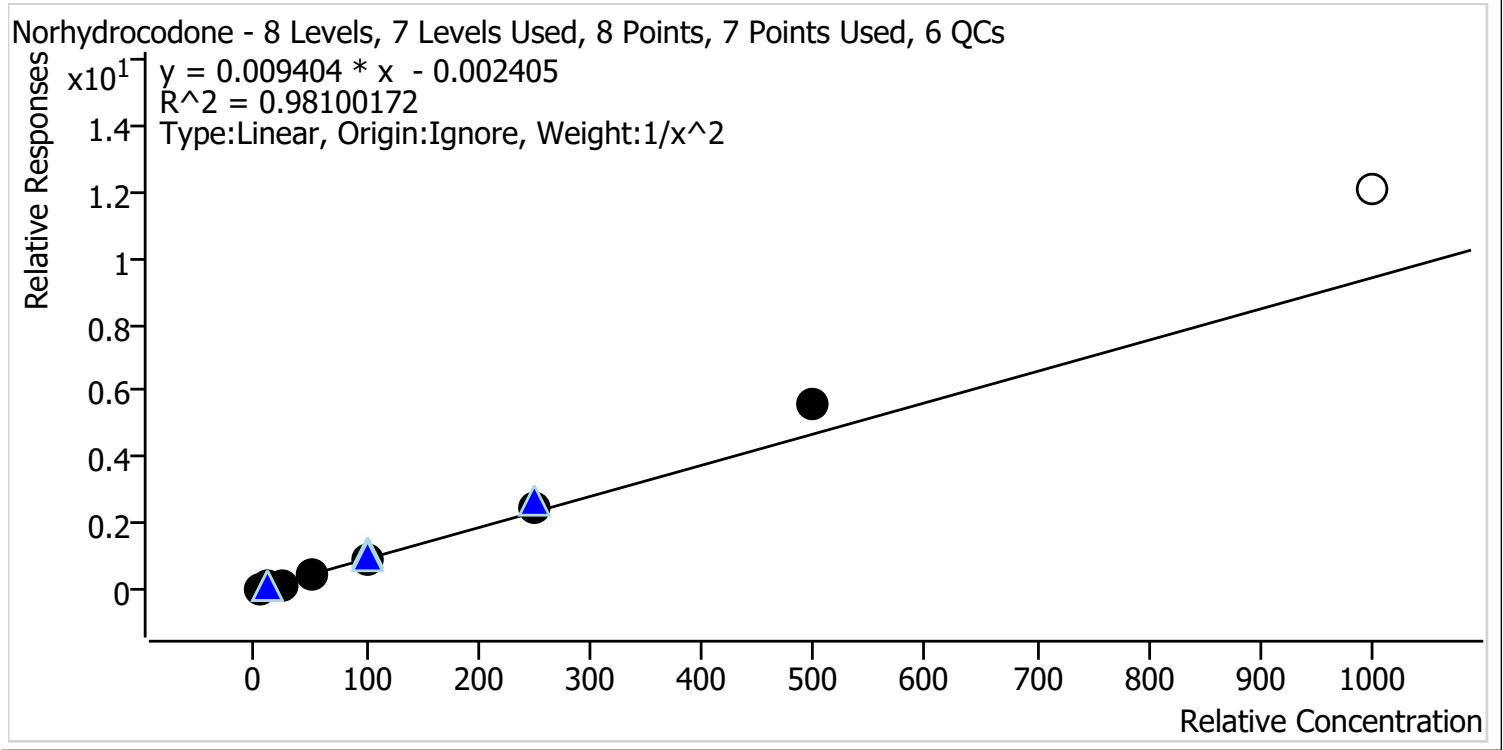


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	121.8
p1 Cal 2-10ng	2	✓	1.0	1.1	108.7
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.4
p1 Cal 4-50ng	4	✓	5.0	4.6	91.4
p1 Cal 5-100ng	5	✓	10.0	8.9	89.5
p1 Cal 6-250ng	6	✓	25.0	23.1	92.3
p1 Cal 7-500ng	7	✓	50.0	49.6	99.1
p1 Cal 8-1000ng	8	✓	100.0	103.8	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	20.9	83.7
p1 Cal 4-50ng	4	✓	50.0	44.8	89.7
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	268.7	107.5
p1 Cal 7-500ng	7	✓	500.0	596.0	119.2
p1 Cal 8-1000ng	8	✗	1000.0	1285.2	128.5

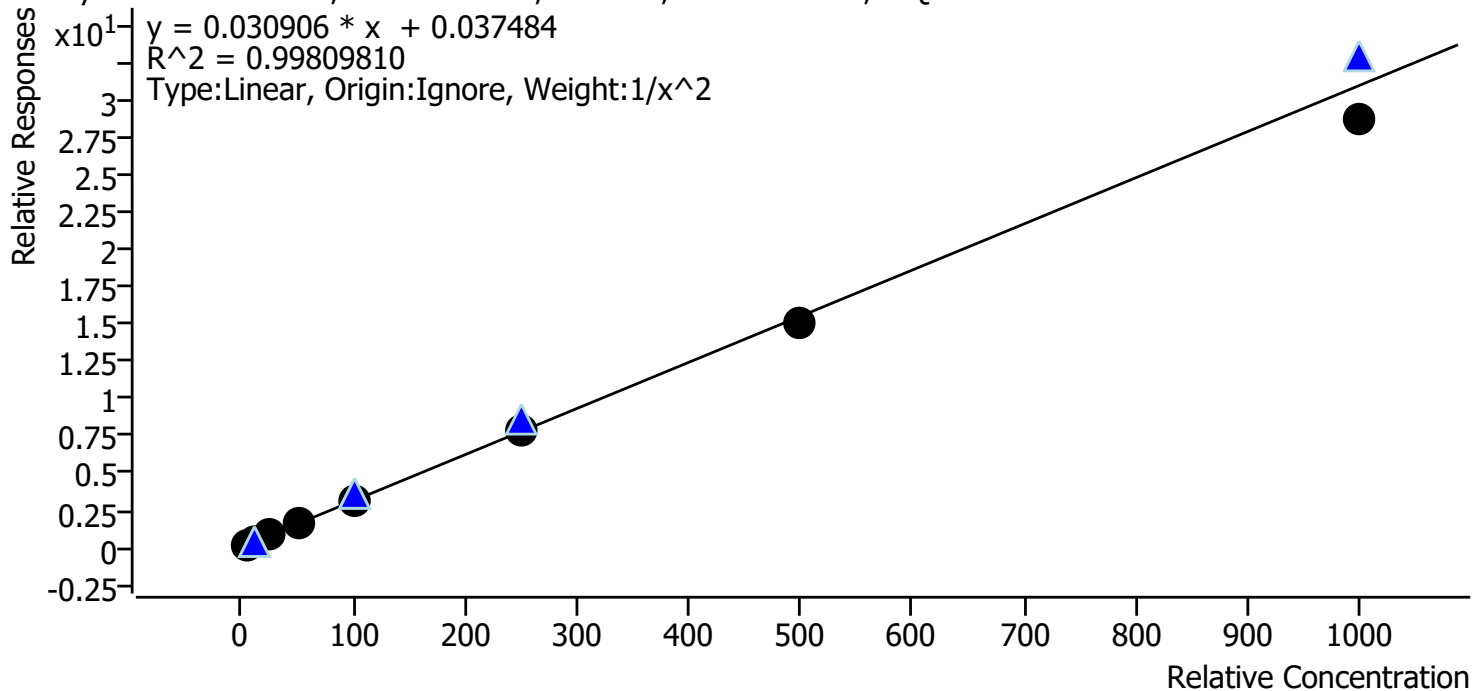
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

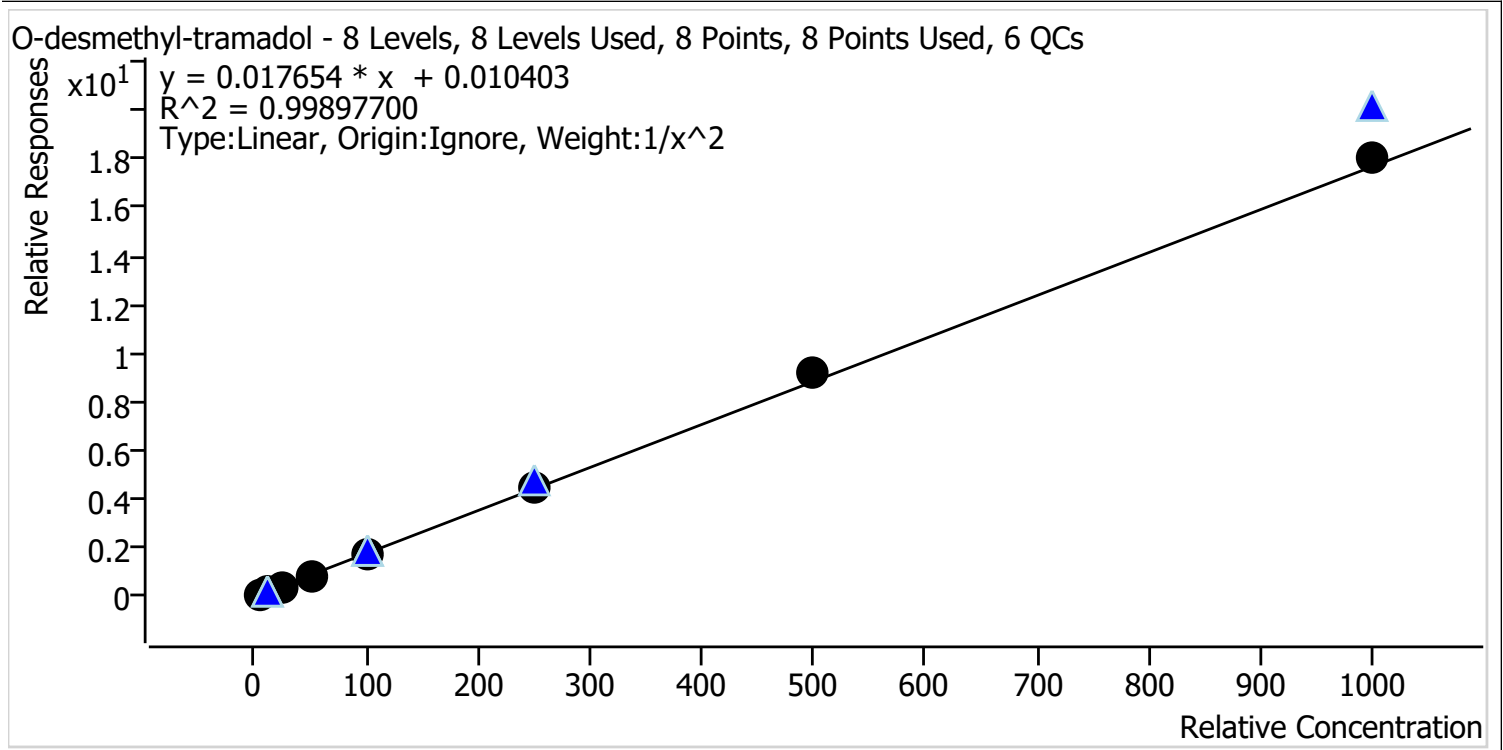


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	929.8	93.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

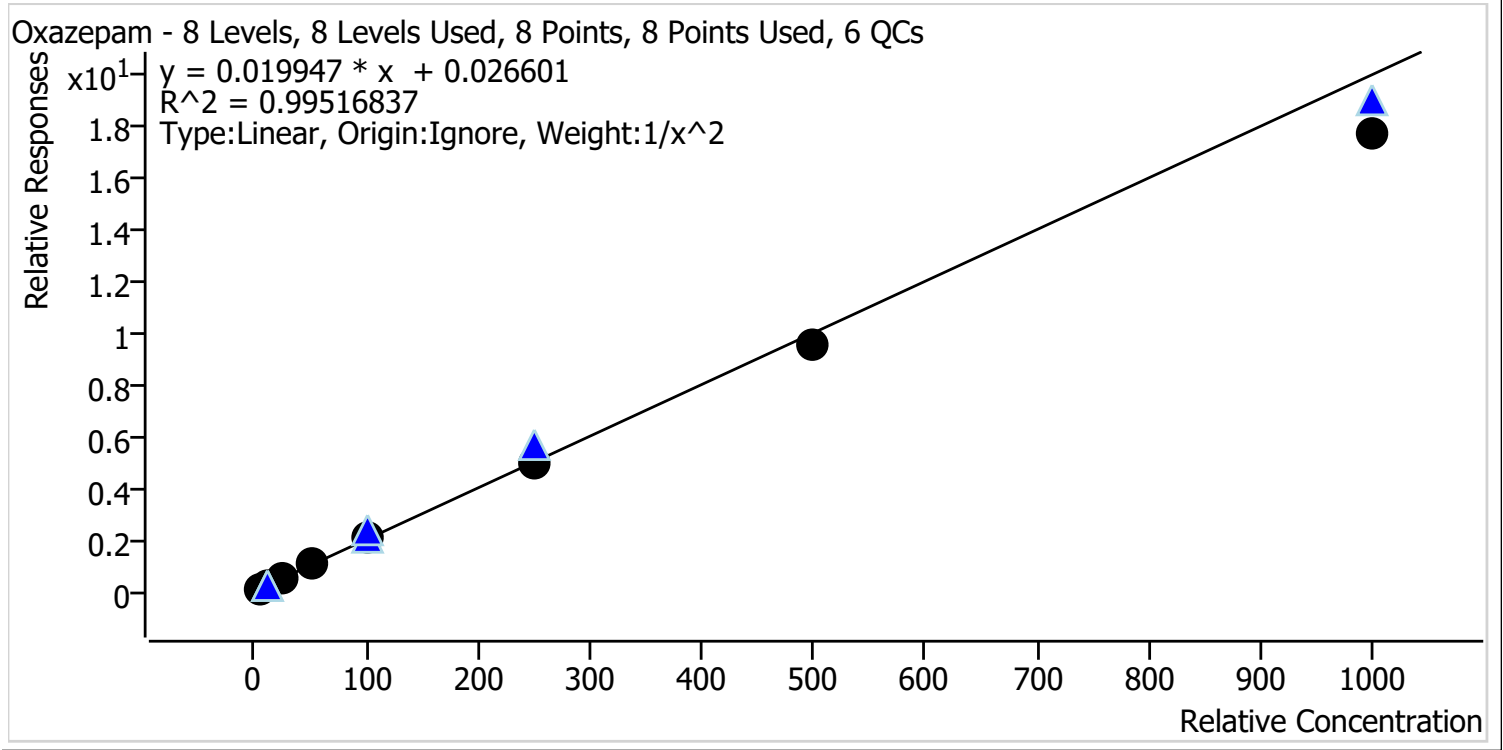


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	523.9	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1021.2	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

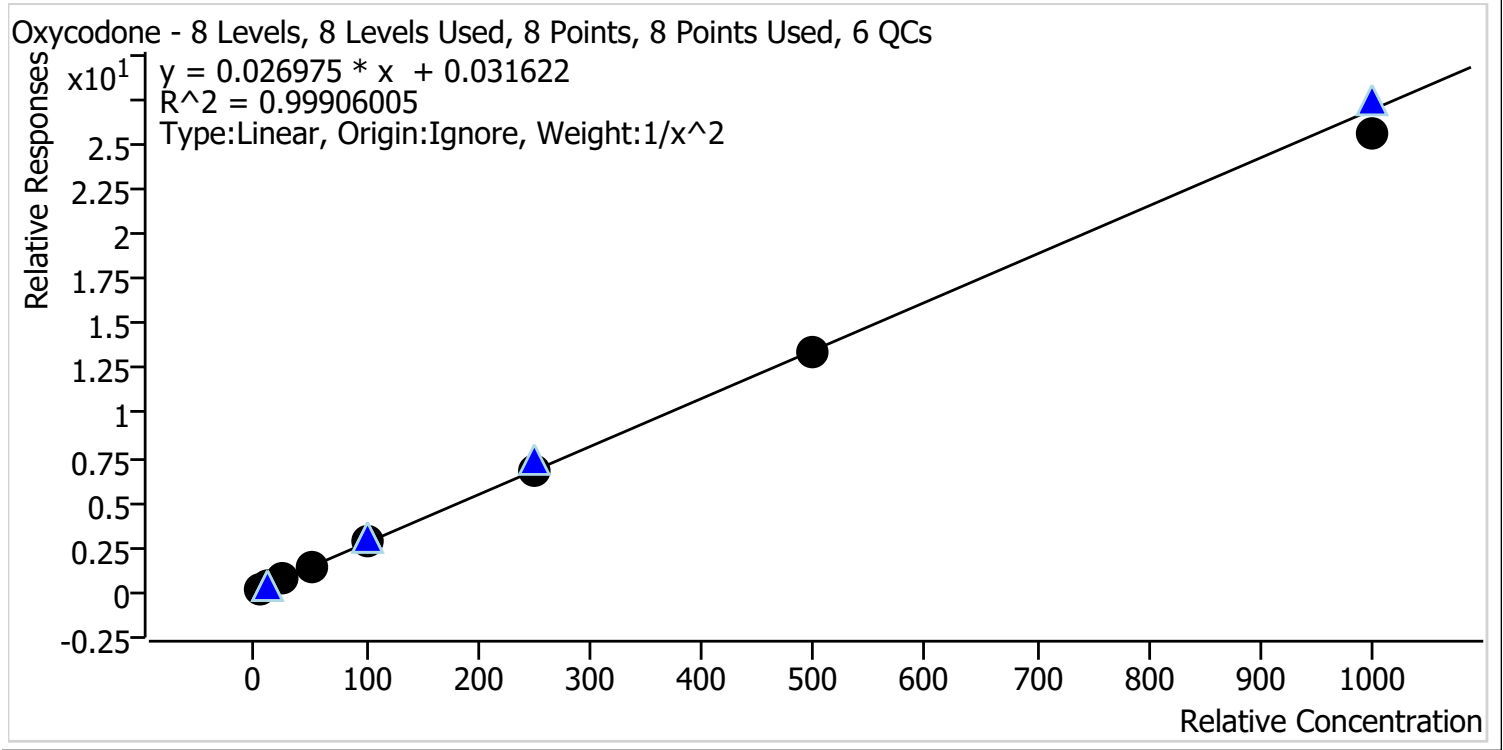


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	480.6	96.1
p1 Cal 8-1000ng	8	✓	1000.0	884.3	88.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

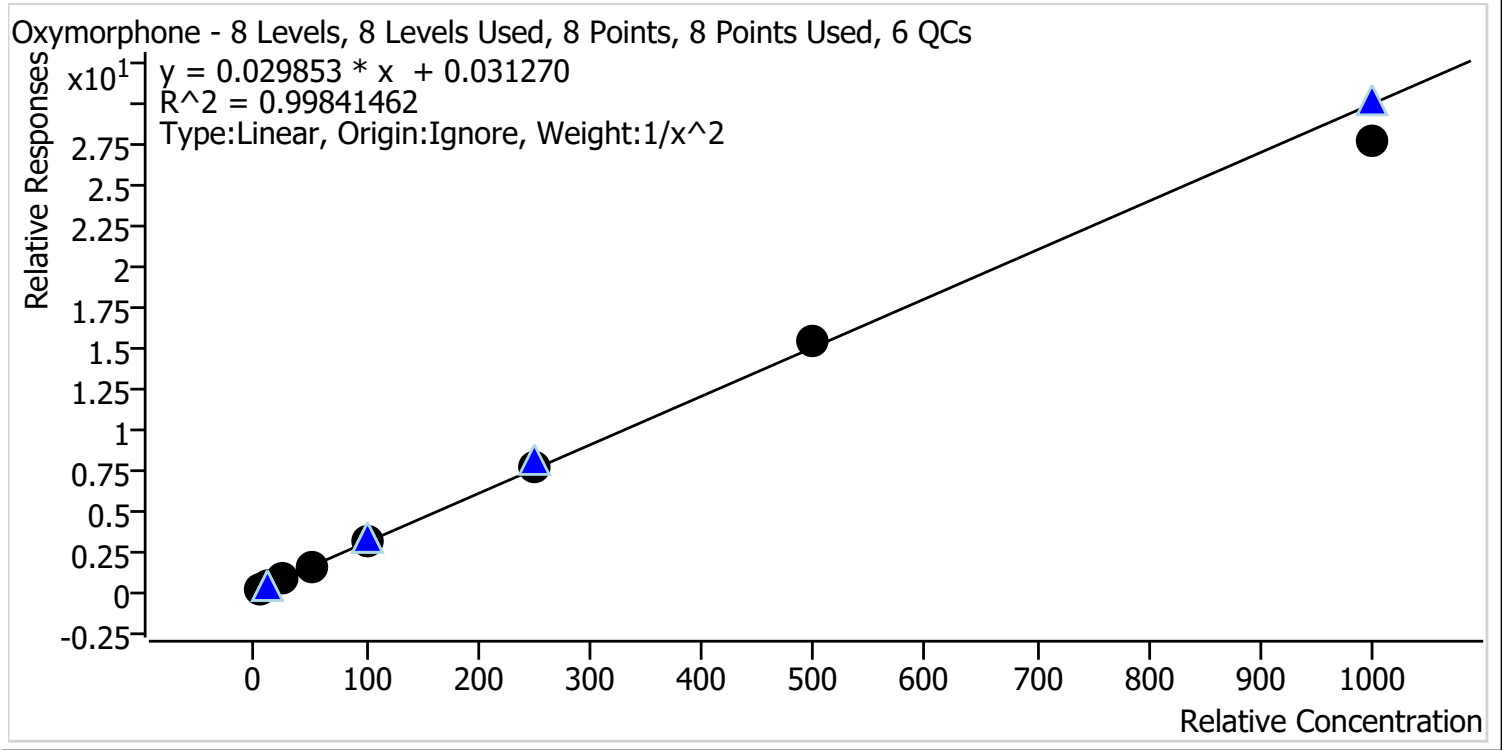


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
p1 Cal 8-1000ng	8	✓	1000.0	952.6	95.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



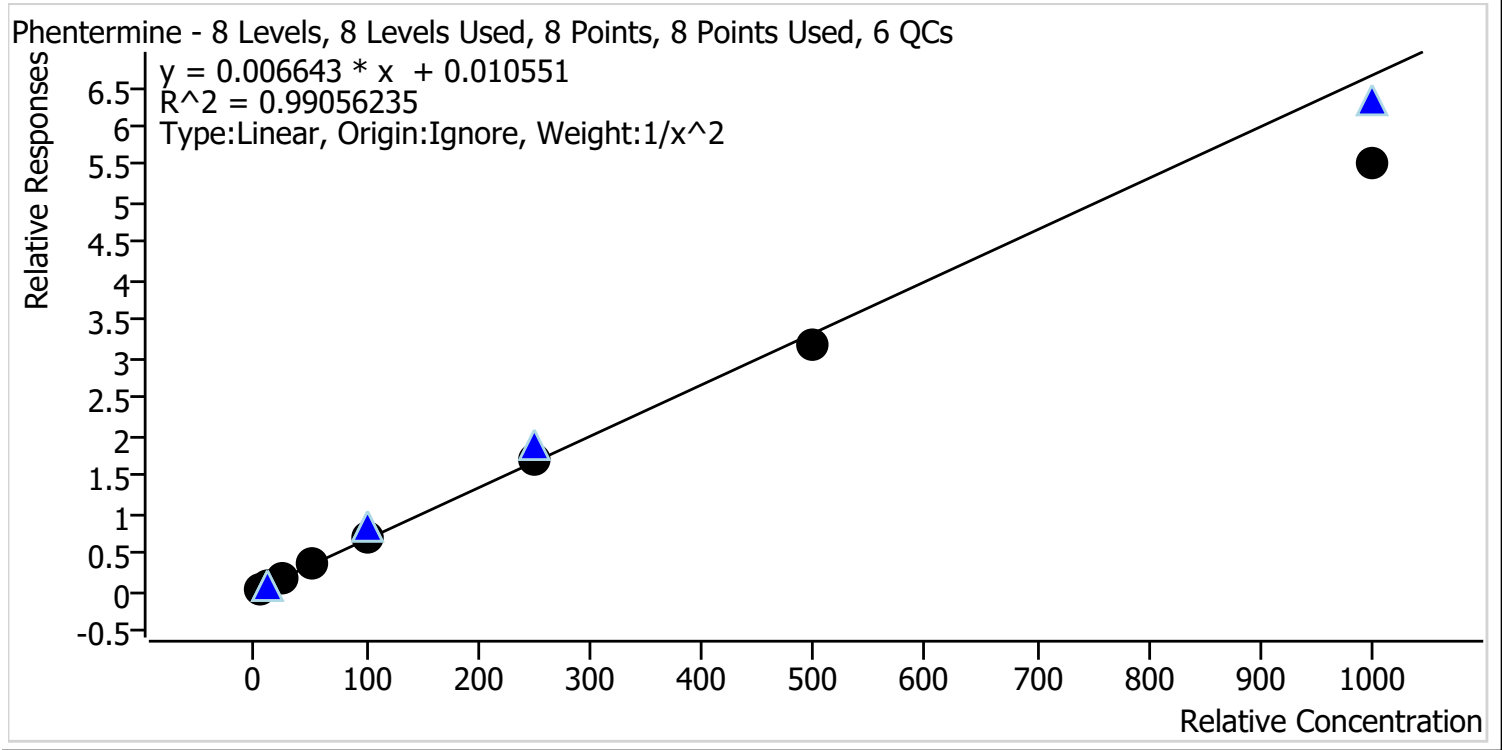
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	257.1	102.9
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	921.3	92.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

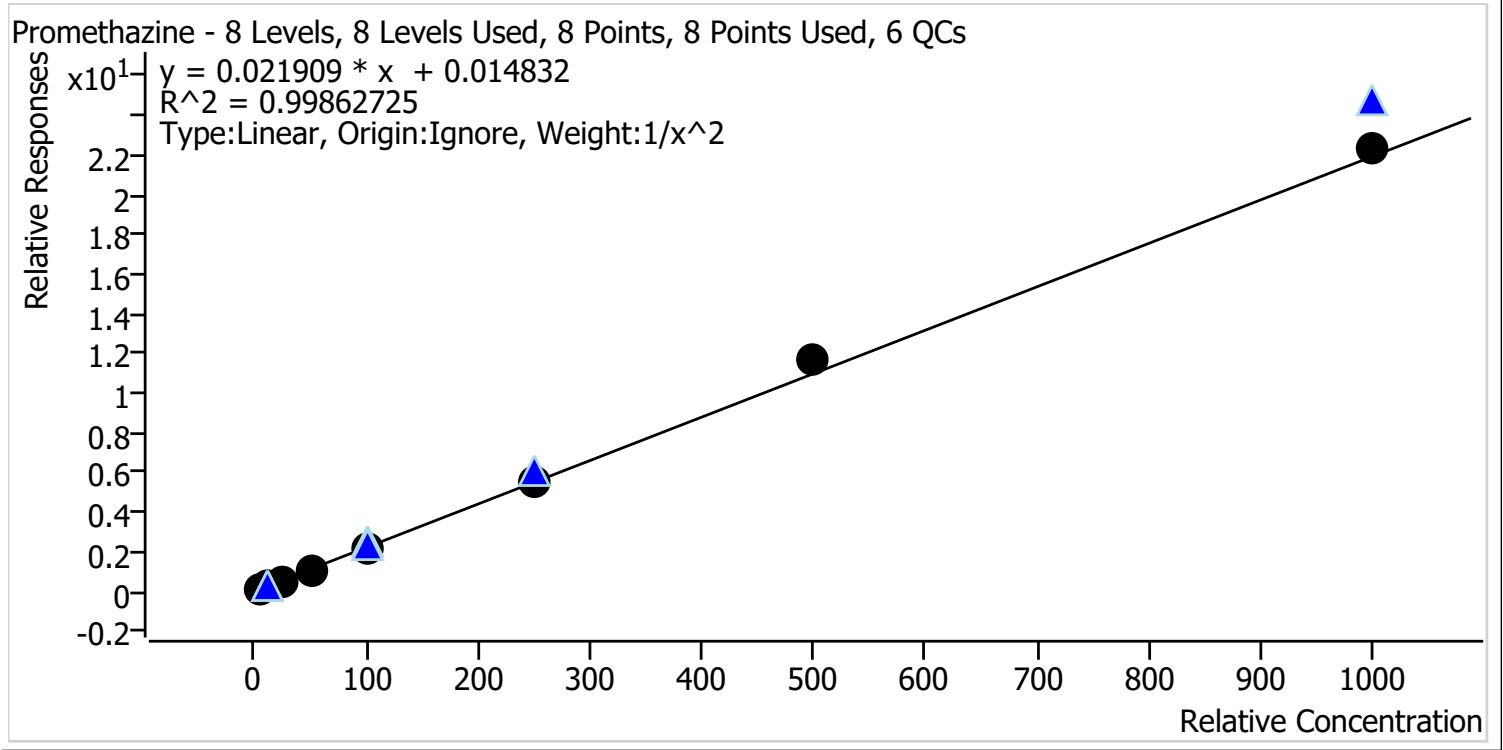


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	55.0	110.1
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	257.1	102.9
p1 Cal 7-500ng	7	✓	500.0	474.7	94.9
p1 Cal 8-1000ng	8	✓	1000.0	828.5	82.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

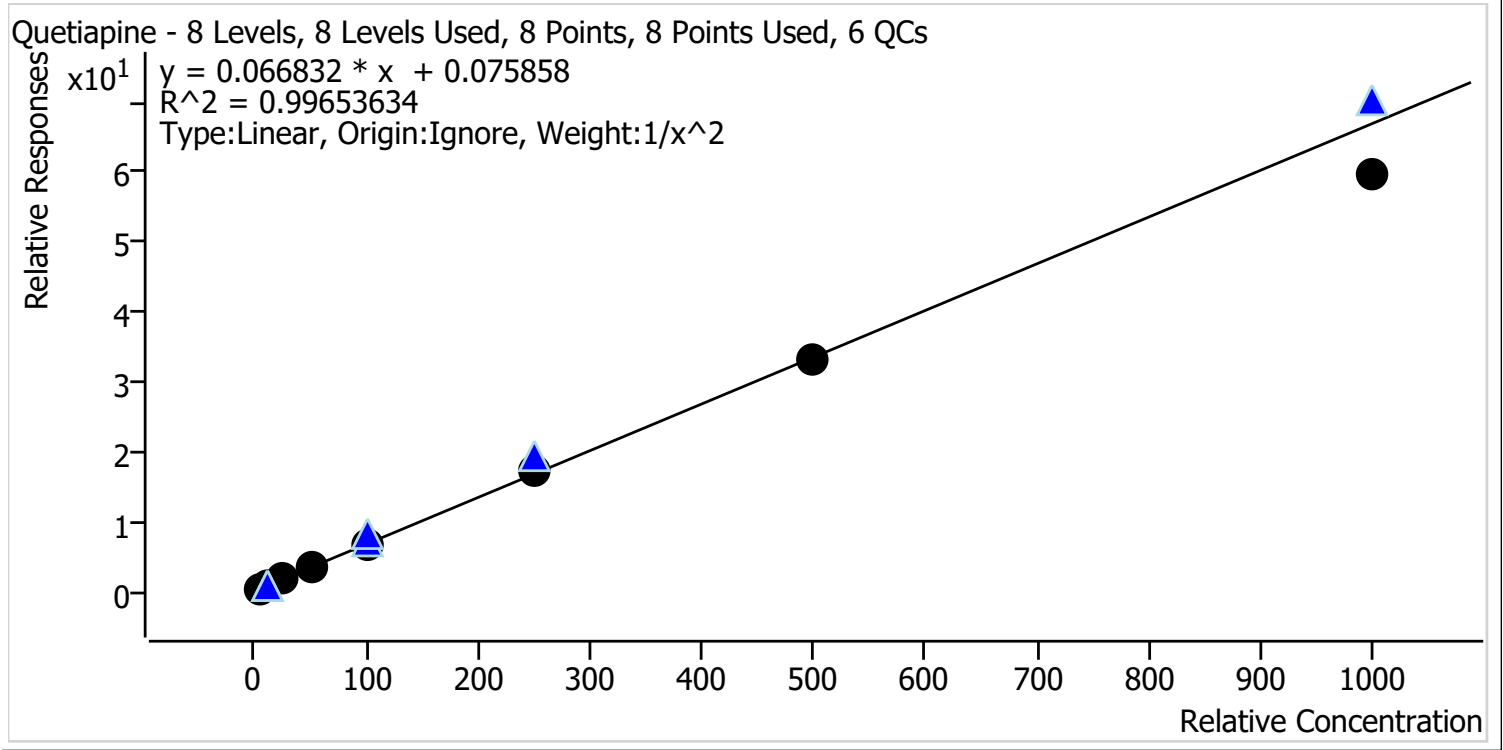


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	530.0	106.0
p1 Cal 8-1000ng	8	✓	1000.0	1018.5	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



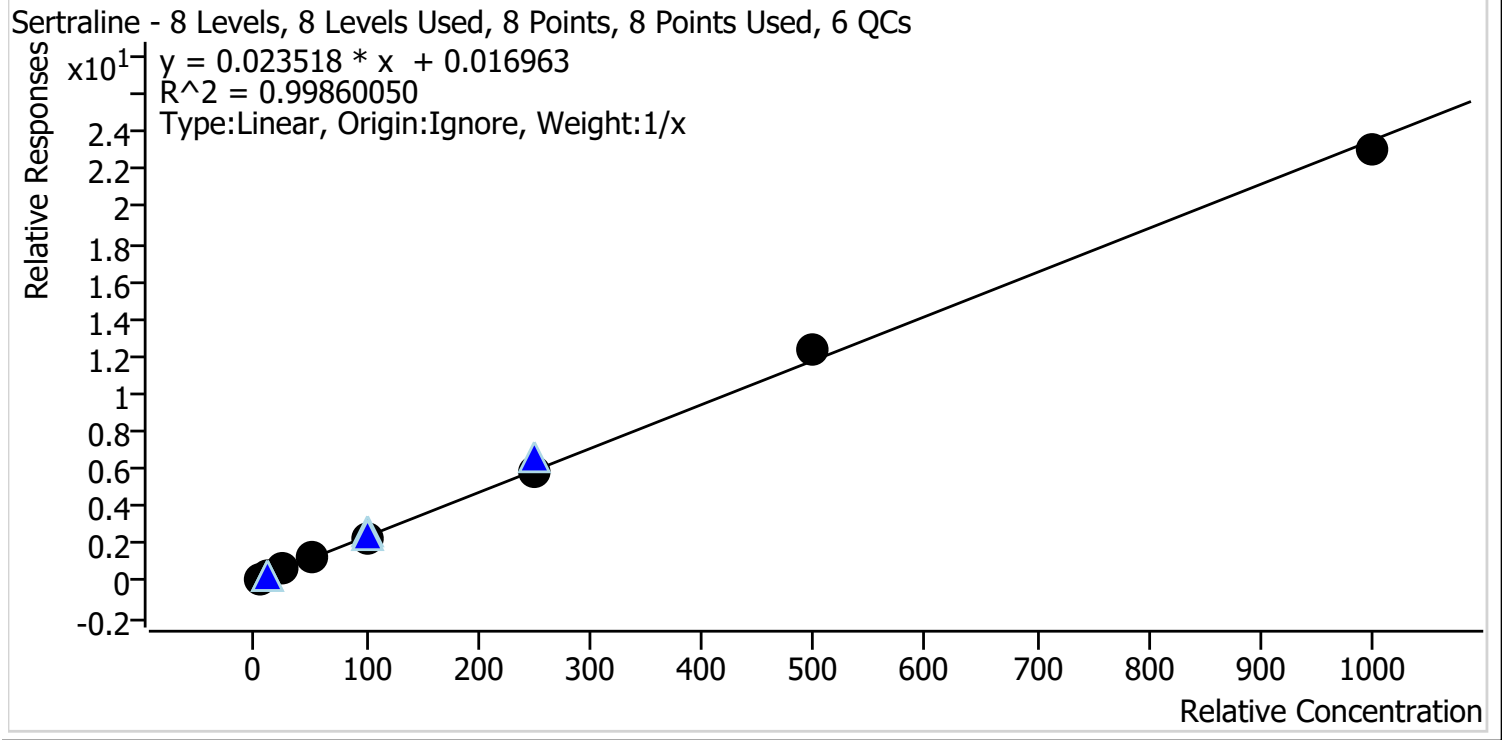
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	892.3	89.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

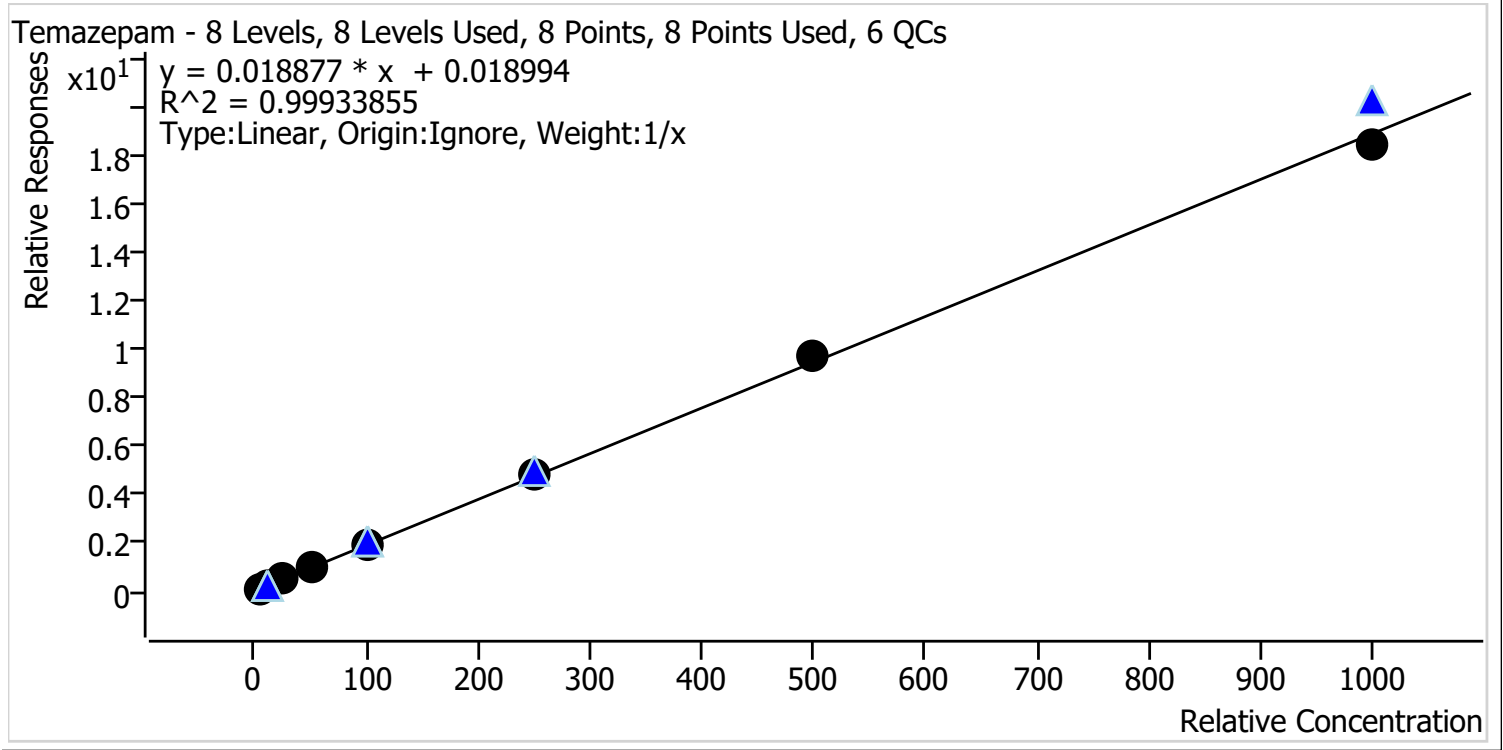


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.5
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	529.4	105.9
p1 Cal 8-1000ng	8	✓	1000.0	977.0	97.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



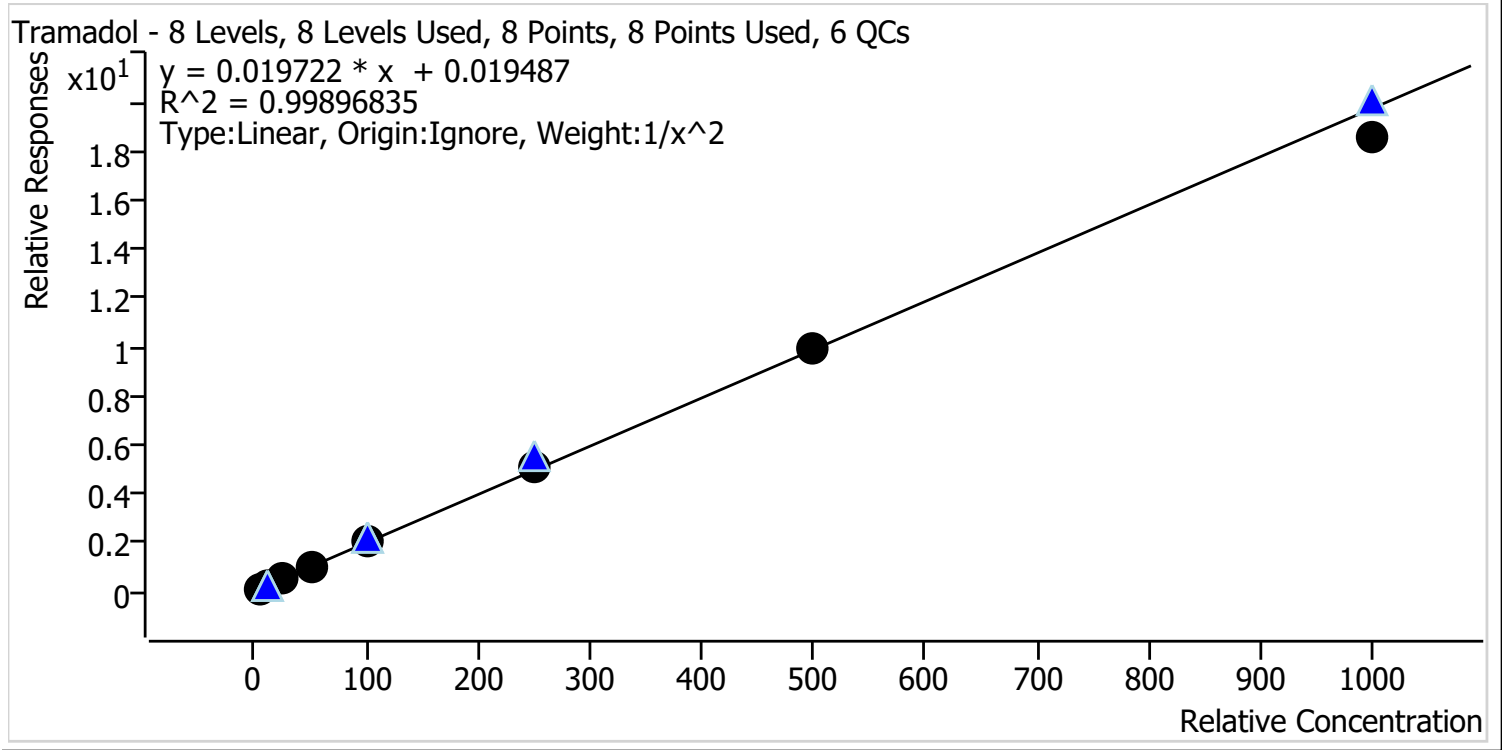
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	516.2	103.2
p1 Cal 8-1000ng	8	✓	1000.0	977.5	97.7

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



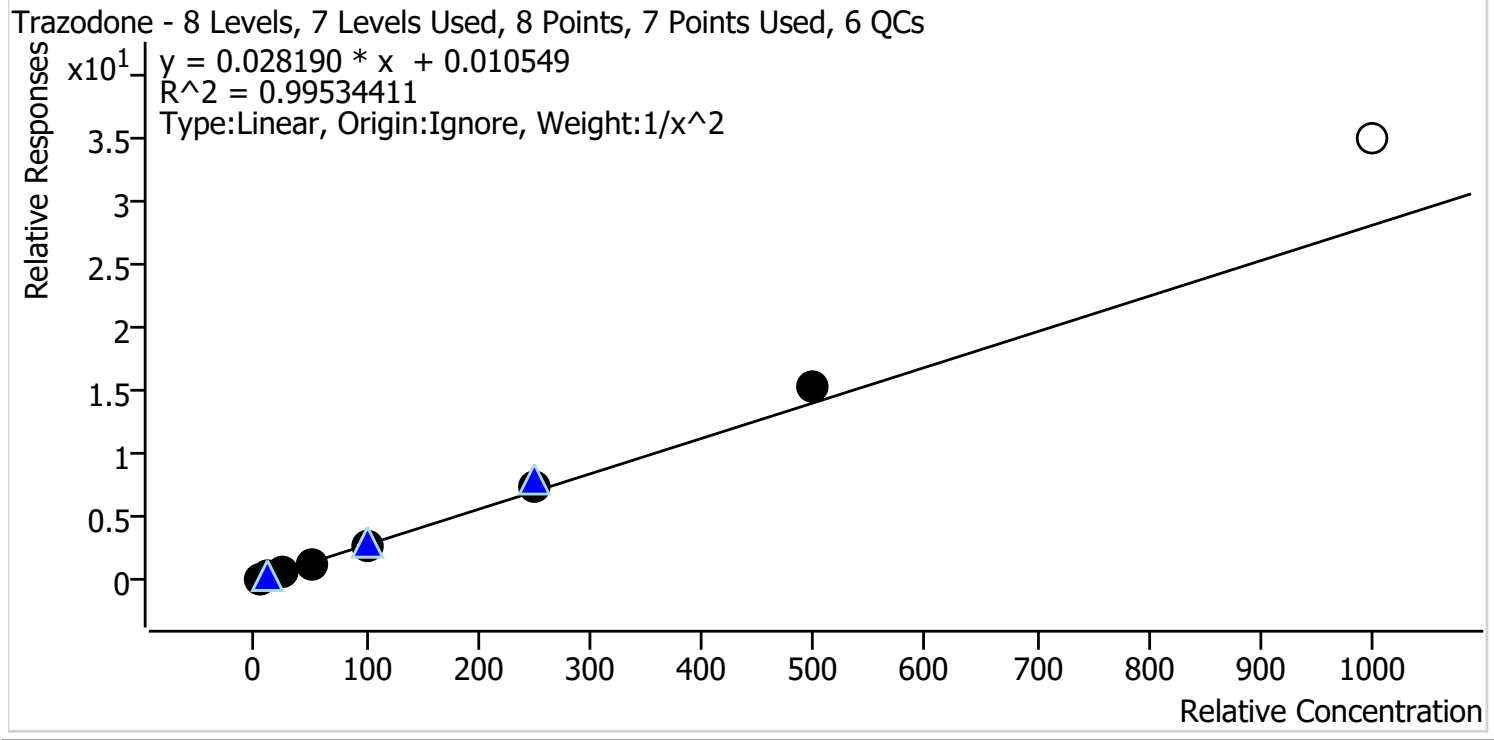
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	941.1	94.1

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 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	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	261.1	104.4
p1 Cal 7-500ng	7	✓	500.0	549.2	109.8
p1 Cal 8-1000ng	8	✗	1000.0	1243.5	124.3

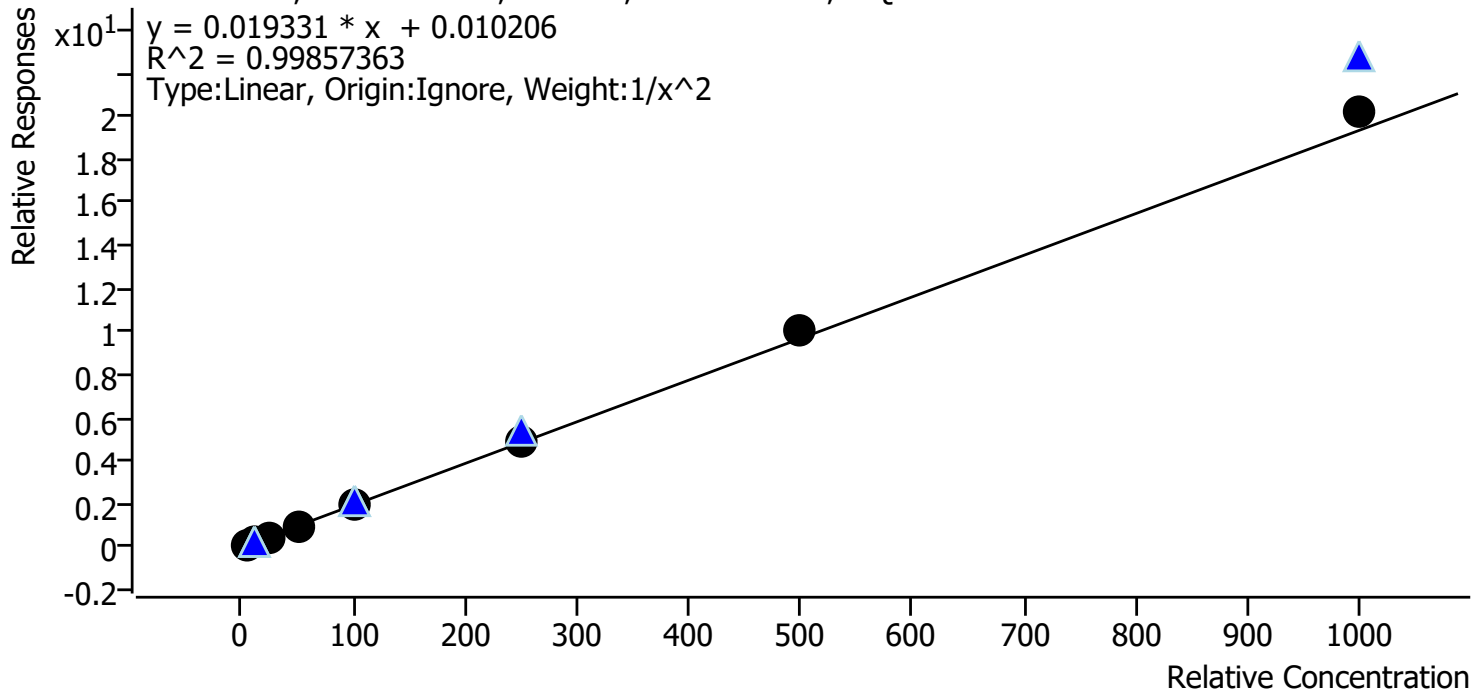
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

Venlafaxine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

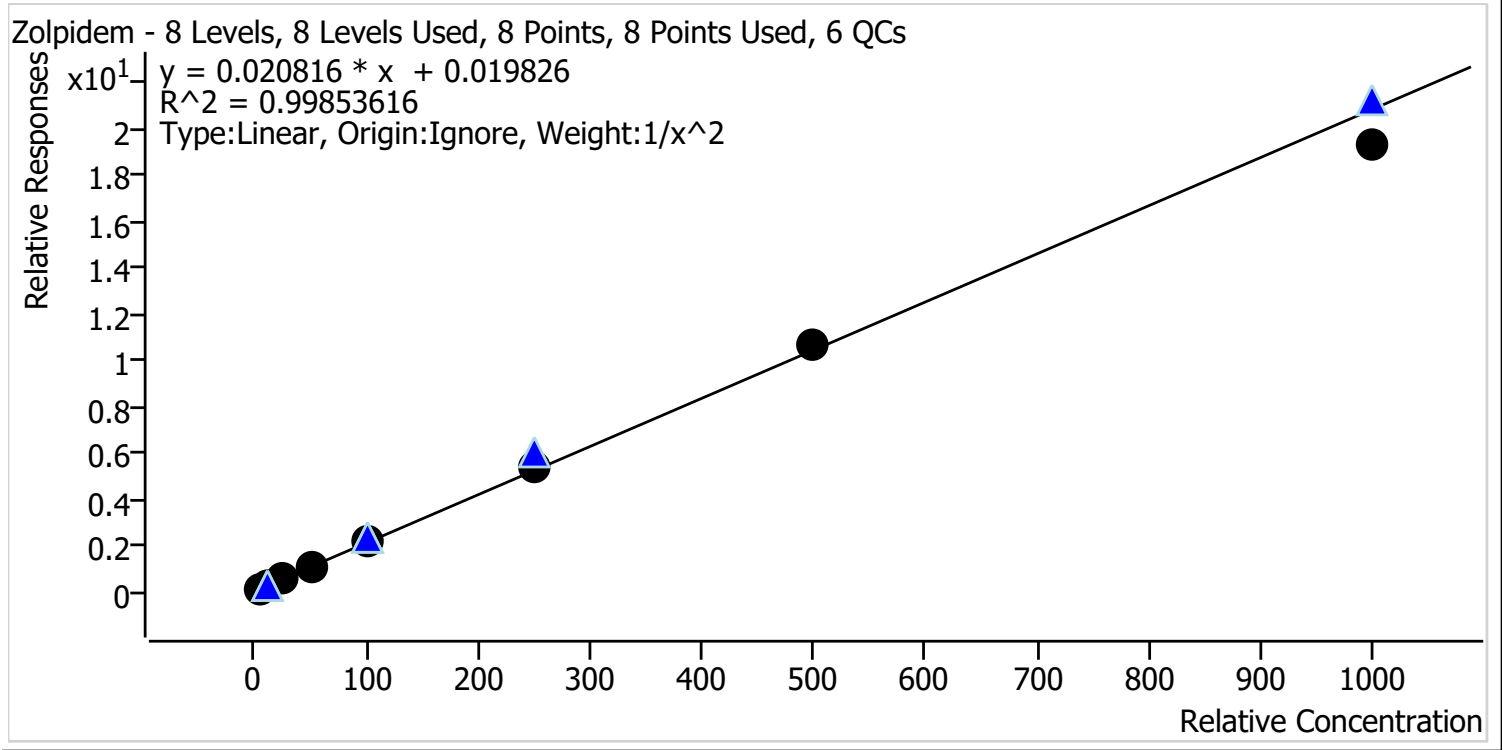


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1048.5	104.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/30/2021 10:51 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	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	509.4	101.9
p1 Cal 8-1000ng	8	✓	1000.0	927.3	92.7

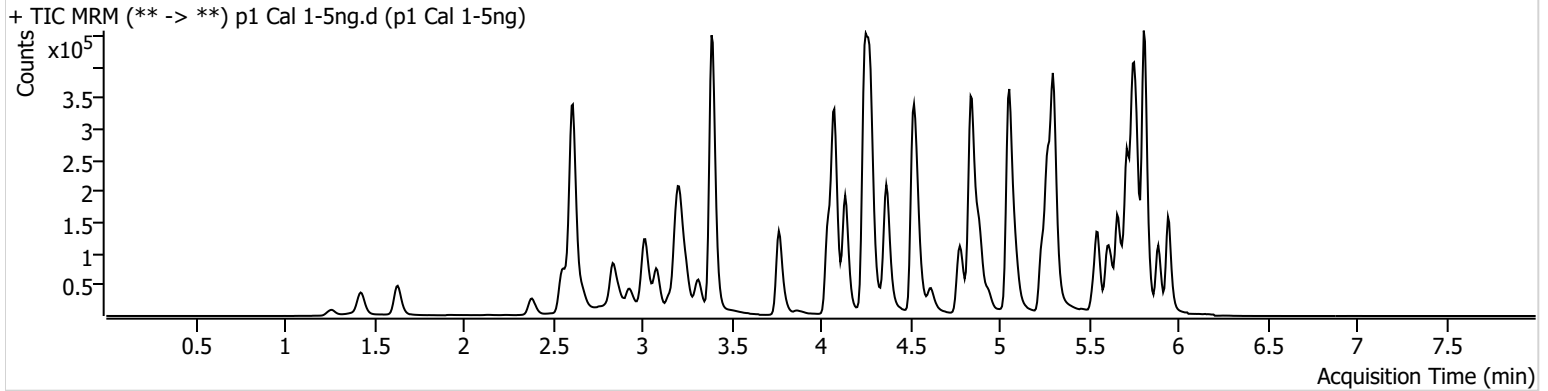
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 4:30:12 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	1094	93.57	62.7	2576.51	53119	0.4958 ng/ml
7-aminoclonazepam	4.265	15829	64884.89	82.0	18546.46	174875	4.8015 ng/ml
a-hydroxyalprazolam	5.699	12423	137.80	74.7	292.86	290016	4.8013 ng/ml
alpha-PHP	4.944	14800	180.91	264.4	5365.42	425871	4.5022 ng/ml
alpha-PVP	4.376	56025	658.37	50.7	99.24	425871	4.9846 ng/ml
Alprazolam	5.775	40262	219.05	121.1	468.65	290016	5.1844 ng/ml
Amphetamine	3.090	82966	100.13	46.2	134.29	149974	4.8023 ng/ml
Benzoylecgonine	3.892	1646	34.90	7.7	26.98	8499	6.2846 ng/ml
Buprenorphine	5.772	784	33.16	13.7	∞	40862	0.5499 ng/ml
Bupropion	4.795	42017	233.68	68.3	82.64	248654	4.9304 ng/ml
Carisoprodol	5.724	46195	8663.33	57.1	878.18	338570	5.4881 ng/ml
Citalopram	5.239	29186	1446.23	35.1	255.42	226065	5.0152 ng/ml
Clonazepam	5.612	50412	1999.63	34.5	1518.95	118466	4.8697 ng/ml
Clonazepam	5.555	33075	68542.62	33.0	19036.77	118466	4.7024 ng/ml
Cocaine	4.277	45043	227.31	52.6	517.77	625472	4.9627 ng/ml
Codeine	2.607	5897	208.13	112.1	152.37	54784	4.7351 ng/ml
Cyclobenzaprine	5.635	9910	190.82	9.4	227.95	87682	5.8448 ng/ml
Dextromethorphan	5.282	13064	87.25	82.8	5397.97	121336	4.9023 ng/ml
Dextrophan	4.139	15532	249.55	221.1	718.95	373961	5.0052 ng/ml
Diazepam	5.953	29903	341.67	87.2	677.26	255514	4.9817 ng/ml
Dihydrocodeine	2.586	15987	169.49	59.2	375.17	169418	4.8745 ng/ml
Diphenhydramine	5.309	74795	4240.85	29.7	376.98	675277	5.0695 ng/ml
Doxylamine	4.543	109538	5449.54	101.5	112254.39	838594	5.0955 ng/ml
EDDP	5.275	40932	7339.83	41.9	26214.31	409742	5.0305 ng/ml
Etizolam	5.813	20479	54914.70	27.6	601.02	118466	5.0351 ng/ml
Fentanyl	5.103	1271	36.97	67.1	976.17	122995	0.5731 ng/ml
Flualprazolam	5.705	14698	260.44	106.4	772.66	290016	4.8708 ng/ml
Fluoxetine	5.721	9857	14818.92	8.4	1248.71	61534	5.0830 ng/ml
Hydrocodone	3.045	22415	74.59	29.8	38.90	224968	4.8281 ng/ml
Hydromorphone	1.641	19181	151.84	76.1	765.12	116477	4.9658 ng/ml
Ketamine	4.059	46685	5153.35	37.0	616.25	338982	4.9703 ng/ml
Lamotrigine	4.301	3900	131.28	81.6	11803.53	338982	4.7492 ng/ml
Levetiracetam	2.670	21257	136.69	148.4	662.61	837194	4.9686 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	47768	314.46	46.9	13.78	118466	4.7981 ng/ml
MDA	3.230	55294	379.24	32.0	170.99	295176	4.7499 ng/ml
MDMA	3.323	34068	1965.98	96.4	133.62	74572	5.0361 ng/ml
Meprobamate	4.911	25315	4629.98	24.7	349.27	236779	4.8515 ng/ml
Methadone	5.666	32059	217.78	57.3	461.97	258054	5.0778 ng/ml
Methamphetamine	3.251	70929	226.57	40.5	487.75	353964	4.7923 ng/ml
Metoprolol	4.340	10844	508.81	84.3	244.35	802697	4.7401 ng/ml
Mirtazapine	4.617	56279	857.32	43.6	307.25	425871	5.1014 ng/ml
Mitragynine	5.230	6966	55.84	35.4	269.43	258054	4.9879 ng/ml
Morphine	1.274	3015	4683.84	21.2	1930.86	8371	5.0020 ng/ml
Nordiazepam	5.900	28277	2002.55	59.2	193.23	167761	4.9495 ng/ml
Norfentanyl	4.099	9588	803.49	32.9	45.89	725908	0.6088 ng/ml
Norhydrocodone	3.100	2457	86.69	38.2	55.16	52857	5.1986 ng/ml
Noroxycodone	2.950	19551	144.53	48.8	11863.86	103156	4.9197 ng/ml
O-desmethyl-tramadol	3.396	101153	726.32	6.7	195.21	1014531	5.0584 ng/ml
Oxazepam	5.756	57014	∞	75.9	1195.47	458620	4.8988 ng/ml
Oxycodone	2.868	41920	327.58	30.5	207.28	253060	4.9686 ng/ml
Oxymorphone	1.432	17927	476.75	46.9	72.37	99511	4.9871 ng/ml
Phentermine	3.803	15157	77.74	7.2	∞	352626	4.8823 ng/ml
Promethazine	5.552	17458	155.97	31.3	39.16	138405	5.0802 ng/ml
Pseudoephedrine	2.623	92366	83.95	16.2	191.59	837194	5.0819 ng/ml
Quetiapine	5.548	38837	143.96	57.2	44655.96	97288	4.8380 ng/ml
Sertraline	5.789	3514	256.46	103.5	43.30	27053	4.8021 ng/ml
Temazepam	5.816	87781	655.32	28.4	115.08	791085	4.8720 ng/ml
Tramadol	4.259	93645	845.86	3.8	175.24	802697	4.9274 ng/ml
Trazodone	5.094	28728	7462.32	76.9	885.78	185212	5.1281 ng/ml
Venlafaxine	5.057	69711	6340.43	38.6	750.19	644012	5.0716 ng/ml
Zolpidem	4.867	105429	1744.98	30.7	74.76	851642	4.9946 ng/ml

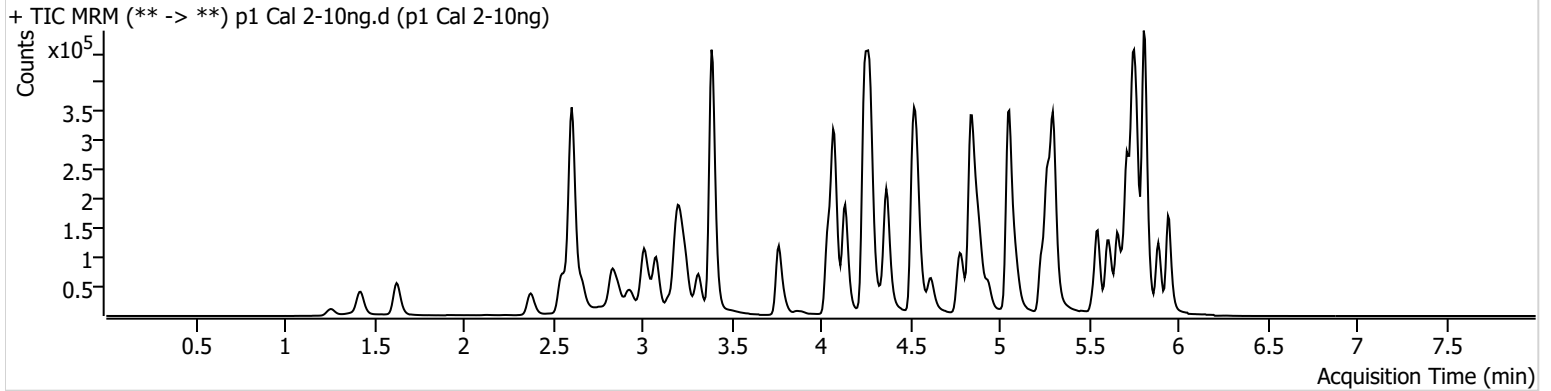
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 4:40:59 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	1934	150.82	66.5	878.50	49058	1.0268 ng/ml
7-aminoclonazepam	4.265	28156	43611.97	81.3	1671.60	165486	10.3177 ng/ml
a-hydroxyalprazolam	5.699	22246	296.62	73.6	210.60	278044	10.4483 ng/ml
alpha-PHP	4.944	24209	284.96	266.2	1476.24	383175	9.8966 ng/ml
alpha-PVP	4.376	95366	2106.71	49.0	906.49	383175	10.1652 ng/ml
Alprazolam	5.775	70893	465.86	119.9	662.06	278044	9.5711 ng/ml
Amphetamine	3.083	133048	1596.49	45.6	226.77	131934	10.4285 ng/ml
Benzoylecgonine	3.892	2739	398.19	8.3	∞	8319	10.3266 ng/ml
Buprenorphine	5.772	901	44.52	16.7	617.24	32292	0.9124 ng/ml
Bupropion	4.795	68415	1711.57	65.8	72.09	211272	10.1602 ng/ml
Carisoprodol	5.724	79962	5283.87	51.9	196.18	316819	10.1871 ng/ml
Citalopram	5.239	43122	2546.01	37.3	460.99	179973	9.9625 ng/ml
Clonazepam	5.612	89558	1616.66	35.8	6092.82	112072	10.2920 ng/ml
Clonazepam	5.548	59571	2549.01	32.6	40686.95	112072	10.6936 ng/ml
Cocaine	4.277	76066	156.14	53.1	61612.99	561245	10.1678 ng/ml
Codeine	2.607	10273	134.30	109.5	346.89	51119	10.4299 ng/ml
Cyclobenzaprine	5.635	12435	40005.01	9.1	66.56	60978	10.1220 ng/ml
Dextromethorphan	5.282	19264	3607.29	80.7	21029.67	89917	10.4114 ng/ml
Dextrophan	4.139	26989	38144.83	215.3	13405.82	339362	10.1147 ng/ml
Diazepam	5.953	52483	515.70	88.8	346.67	241198	10.0816 ng/ml
Dihydrocodeine	2.586	28218	5086.33	58.1	161.23	159326	10.2807 ng/ml
Diphenhydramine	5.303	111739	4861.79	30.2	4335.95	546212	9.8766 ng/ml
Doxylamine	4.543	196279	8541.11	100.0	1180.96	806983	9.8696 ng/ml
EDDP	5.275	70038	4256.69	42.1	742.90	370416	10.1097 ng/ml
Etizolam	5.813	36269	90843.30	27.7	21854.13	112072	10.0559 ng/ml
Fentanyl	5.103	1755	67.06	57.4	2490.88	93862	1.0724 ng/ml
Flualprazolam	5.705	28109	1049.32	92.5	7270.06	278044	10.2667 ng/ml
Fluoxetine	5.721	12075	46842.79	6.7	143.53	40009	10.0814 ng/ml
Hydrocodone	3.045	39553	726.51	30.8	96.84	212359	10.4090 ng/ml
Hydromorphone	1.635	35792	433307.77	73.9	80.52	113608	10.1325 ng/ml
Ketamine	4.059	78022	32603.54	39.3	78.79	313491	10.0706 ng/ml
Lamotrigine	4.294	7120	483.16	82.5	450.26	313491	10.7008 ng/ml
Levetiracetam	2.670	39132	876.93	140.4	1614.55	781471	10.3643 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	83898	809.89	49.7	174.64	112072	10.7027 ng/ml
MDA	3.230	91018	718.36	29.8	129.58	260591	10.4627 ng/ml
MDMA	3.323	56219	773.94	95.7	287.57	67659	9.9027 ng/ml
Meprobamate	4.911	42345	83270.86	26.7	159.49	219177	10.1575 ng/ml
Methadone	5.666	45801	166.58	57.5	173.38	194714	9.8641 ng/ml
Methamphetamine	3.251	95090	1323.52	40.8	376.55	304870	10.6108 ng/ml
Metoprolol	4.340	20231	19665.94	82.9	737.42	736477	10.7169 ng/ml
Mirtazapine	4.617	89769	3777.71	45.7	1180.45	383175	9.7246 ng/ml
Mitragynine	5.230	10298	20834.33	35.2	555.53	194714	10.0945 ng/ml
Morphine	1.267	5470	1745.29	20.5	58.95	8227	10.0215 ng/ml
Nordiazepam	5.900	50336	1529.67	58.2	391.77	158151	10.1669 ng/ml
Norfentanyl	4.099	16535	262.61	32.9	53.59	667995	1.0869 ng/ml
Norhydrocodone	3.100	4470	103.32	37.0	33.94	48586	10.0383 ng/ml
Noroxycodone	2.943	33599	195.24	49.5	6768.07	96311	10.0749 ng/ml
O-desmethyl-tramadol	3.396	175752	26107.87	6.8	63.56	944450	9.9515 ng/ml
Oxazepam	5.756	98024	522.28	76.6	771.81	433516	10.0022 ng/ml
Oxycodone	2.861	69567	662.95	31.9	1063.05	231212	9.9816 ng/ml
Oxymorphone	1.425	31570	559.78	46.0	125.62	95523	10.0236 ng/ml
Phentermine	3.803	23654	250.67	7.2	37.09	305597	10.0638 ng/ml
Promethazine	5.552	21723	608.30	30.8	84.25	93861	9.8868 ng/ml
Pseudoephedrine	2.616	164628	3912.34	16.5	783.05	781471	9.9636 ng/ml
Quetiapine	5.541	65963	2437.25	55.2	92135.58	84657	10.5238 ng/ml
Sertraline	5.789	4333	455.00	95.7	132.20	16198	10.6521 ng/ml
Temazepam	5.816	155239	1466.66	28.2	168.85	760621	9.8056 ng/ml
Tramadol	4.259	163261	524.58	3.5	98.95	736477	10.2523 ng/ml
Trazodone	5.094	45395	781.58	77.4	367.54	158304	9.7981 ng/ml
Venlafaxine	5.057	117547	846.24	38.9	177.54	580254	9.9514 ng/ml
Zolpidem	4.860	182410	763.59	30.8	1121.28	798479	10.0219 ng/ml

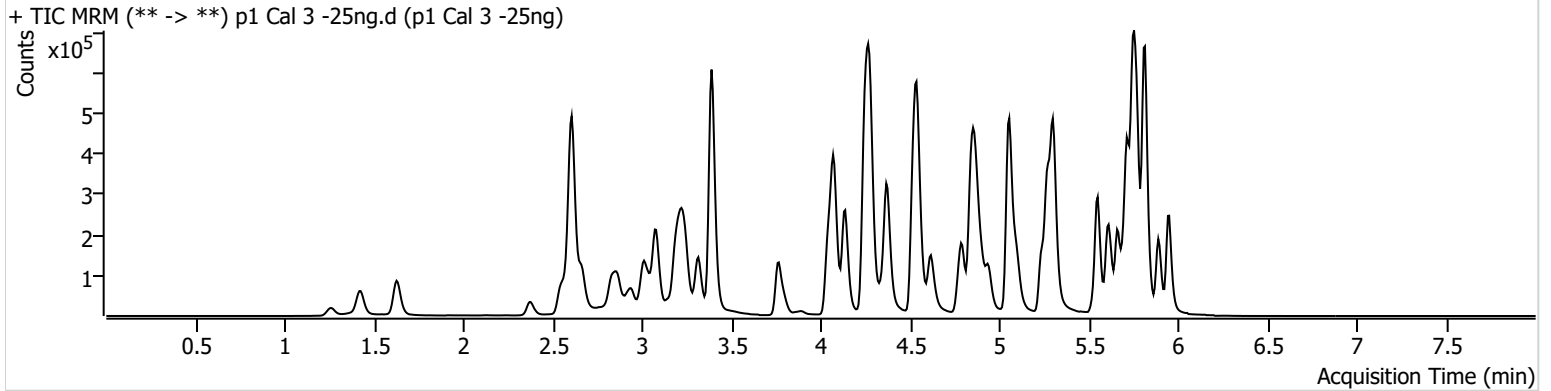
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 4:51:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	4713	1537.61	73.2	5422.85	52659	2.4391 ng/ml
7-aminoclonazepam	4.258	73516	13809.18	78.9	145251.04	179658	26.8786 ng/ml
a-hydroxyalprazolam	5.699	54057	248.26	72.6	1225.71	289341	26.6746 ng/ml
alpha-PHP	4.944	60806	2387.78	264.4	2241.70	429050	24.8003 ng/ml
alpha-PVP	4.376	248365	351.61	50.2	7814.56	429050	24.7356 ng/ml
Alprazolam	5.775	180469	663.59	118.9	404.21	289341	23.4991 ng/ml
Amphetamine	3.083	337132	1002.90	46.1	648.62	146751	26.3570 ng/ml
Benzoylecgonine	3.892	7295	109.57	7.7	259.90	9223	24.0848 ng/ml
Buprenorphine	5.772	2295	126.83	17.7	771.38	34190	2.5420 ng/ml
Bupropion	4.795	181215	25140.74	66.5	296.49	235615	25.1997 ng/ml
Carisoprodol	5.724	201768	346452.95	50.2	254.27	338466	24.1178 ng/ml
Citalopram	5.239	110687	1489.19	35.2	210.19	192787	24.9405 ng/ml
Clonazepam	5.612	222910	2191.05	35.2	11728.29	121288	25.3688 ng/ml
Clonazepam	5.548	145748	186753.21	33.2	67985.45	121288	26.6039 ng/ml
Cocaine	4.277	195939	1154.62	53.0	416.51	621577	24.8942 ng/ml
Codeine	2.600	26306	1725.61	112.3	100807.17	55226	27.2345 ng/ml
Cyclobenzaprine	5.635	36227	160905.23	8.3	36.93	74271	23.4769 ng/ml
Dextromethorphan	5.282	49781	143457.90	79.7	7185.75	101171	24.7725 ng/ml
Dextrophan	4.139	68740	129051.77	220.2	5932.08	371203	24.3221 ng/ml
Diazepam	5.953	130678	454.77	89.4	595.47	258957	24.6379 ng/ml
Dihydrocodeine	2.579	71325	777.59	59.1	4029.29	172031	25.7971 ng/ml
Diphenhydramine	5.309	284303	40245.49	29.9	6241.38	585378	24.2817 ng/ml
Doxylamine	4.543	518009	53079.89	101.9	52398.02	906089	23.7957 ng/ml
EDDP	5.275	172145	449.36	43.6	7082.61	399075	23.9085 ng/ml
Etizolam	5.813	90971	250876.39	27.0	42131.66	121288	24.2582 ng/ml
Fentanyl	5.103	4462	124.34	73.3	16100.26	111118	2.3518 ng/ml
Flualprazolam	5.705	72396	2801.93	96.3	11589.59	289341	26.2256 ng/ml
Fluoxetine	5.721	33971	123.10	7.9	4477.19	51183	22.8557 ng/ml
Hydrocodone	3.039	100739	714.08	30.8	19.91	235955	25.9166 ng/ml
Hydromorphone	1.635	88459	1003.14	74.4	1237.02	118928	24.8631 ng/ml
Ketamine	4.059	197733	535.11	39.6	339.28	345652	24.8987 ng/ml
Lamotrigine	4.294	17856	1532.21	82.8	20551.15	345652	26.0706 ng/ml
Levetiracetam	2.663	95301	346.93	143.5	227.74	844685	24.0803 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	198780	1793.33	50.1	815.69	121288	25.9231 ng/ml
MDA	3.223	233549	1411.32	30.4	316.78	286430	26.9048 ng/ml
MDMA	3.316	148675	647.27	95.9	2209.85	75072	24.8584 ng/ml
Meprobamate	4.911	106589	47401.00	25.7	2810.28	231300	26.6146 ng/ml
Methadone	5.666	120967	8807.98	56.9	556.48	212037	24.3227 ng/ml
Methamphetamine	3.251	203741	681.05	41.8	754.35	341909	25.4282 ng/ml
Metoprolol	4.340	51643	175629.07	83.9	1328.00	814004	26.1182 ng/ml
Mirtazapine	4.617	227405	1015.59	45.5	2430.91	429050	23.1126 ng/ml
Mitragynine	5.230	26077	41899.25	34.7	7664.94	212037	23.9196 ng/ml
Morphine	1.267	13456	2241.77	20.7	2865.87	8774	24.3347 ng/ml
Norbuprenorphine	5.013	192	182.36	123.2 High	197.44	4794	0.7342 ng/ml
Nordiazepam	5.900	124360	451.72	62.2	415.68	167880	24.8894 ng/ml
Norfentanyl	4.099	41268	313.37	33.2	257.08	751518	2.3360 ng/ml
Norhydrocodone	3.093	10104	61.65	40.1	55.73	51951	20.9370 ng/ml
Noroxycodone	2.943	85932	442.63	49.2	5080.53	102229	25.9855 ng/ml
O-desmethyl-tramadol	3.396	445516	679.39	6.9	2881.27	1017384	24.2153 ng/ml
Oxazepam	5.756	241630	316.22	74.6	1407.13	435398	26.4887 ng/ml
Oxycodone	2.861	182168	783.34	30.4	916.32	255042	25.3062 ng/ml
Oxymorphone	1.425	77872	478.65	47.1	1168.03	100413	24.9307 ng/ml
Phentermine	3.797	62412	1036.78	6.9	64.25	341449	25.9286 ng/ml
Promethazine	5.552	62813	1620.06	31.2	131.71	115226	24.2043 ng/ml
Pseudoephedrine	2.616	420422	12696.11	16.7	7638.48	844685	23.9304 ng/ml
Quetiapine	5.541	160740	50554.87	57.6	296.20	91230	25.2282 ng/ml
Sertraline	5.789	12459	71.53	100.8	13895.53	20910	24.6140 ng/ml
Temazepam	5.816	381718	274442.44	28.3	852.46	779217	24.9446 ng/ml
Tramadol	4.259	414401	1030.02	3.9	277.76	814004	24.8257 ng/ml
Trazodone	5.101	120130	579.64	75.5	2263.19	176399	23.7840 ng/ml
Venlafaxine	5.057	304560	1163.18	38.2	587.43	640574	24.0669 ng/ml
Zolpidem	4.867	468804	27514.39	30.6	641.75	877189	24.7215 ng/ml

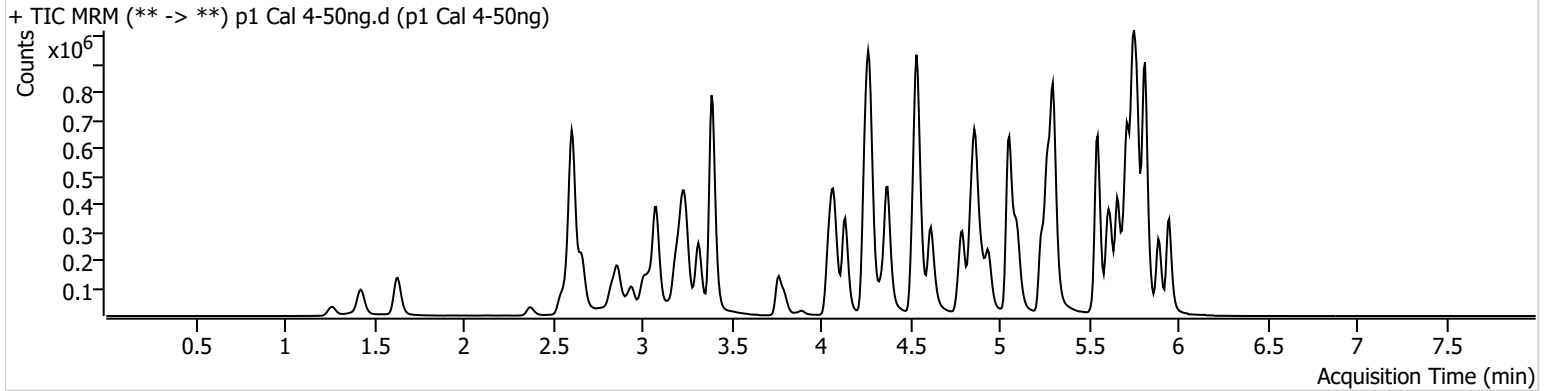
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 5:02:12 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	9233	1028.79	68.6	303.87	51938	4.9287 ng/ml
7-aminoclonazepam	4.258	143818	291.71	78.2	7571.71	177245	54.7422 ng/ml
a-hydroxyalprazolam	5.692	96524	311.98	72.8	402.62	269605	52.6798 ng/ml
alpha-PHP	4.944	122527	1185.11	263.4	6571.96	423061	52.8641 ng/ml
alpha-PVP	4.376	477689	23539.64	51.2	504.89	423061	49.0319 ng/ml
Alprazolam	5.775	342793	1880.01	118.0	5894.05	269605	47.9645 ng/ml
Amphetamine	3.083	677912	1976.09	45.5	3033.49	149790	53.8978 ng/ml
Benzoylecgonine	3.892	14148	739.35	8.0	518.60	9604	44.4126 ng/ml
Buprenorphine	5.772	5721	9410.72	19.1	1408.30	45571	4.9689 ng/ml
Bupropion	4.795	374408	5543.97	68.0	3556.39	255033	48.8067 ng/ml
Carisoprodol	5.724	360225	564961.02	50.7	252.30	309159	47.1798 ng/ml
Citalopram	5.239	268075	406.38	36.1	15614.77	237491	49.7727 ng/ml
Clonazepam	5.612	425318	14159.73	34.2	597.24	113025	53.3116 ng/ml
Clonazepam	5.548	269804	616211.12	34.3	219737.89	113025	54.7488 ng/ml
Cocaine	4.277	384642	397.68	52.3	309.06	617354	50.1203 ng/ml
Codeine	2.600	51091	110.43	107.1	168869.70	53868	56.0440 ng/ml
Cyclobenzaprine	5.635	144449	12658.10	8.6	6779.35	147679	46.5489 ng/ml
Dextromethorphan	5.282	134198	92.64	79.5	361.91	135139	50.6708 ng/ml
Dextrophan	4.139	135612	476.89	216.0	1060.59	363740	49.5562 ng/ml
Diazepam	5.953	247046	2701.88	86.3	647.74	242668	50.6741 ng/ml
Dihydrocodeine	2.579	140130	387.96	59.6	999.88	172092	51.9089 ng/ml
Diphenhydramine	5.303	702559	962.06	30.0	7063.81	721917	49.2641 ng/ml
Doxylamine	4.543	1020361	99167.25	99.8	3617.01	884252	48.4803 ng/ml
EDDP	5.275	379451	432.31	42.0	5301.29	438213	48.6574 ng/ml
Etizolam	5.813	169003	3836.37	27.9	1001.62	113025	49.0786 ng/ml
Fentanyl	5.103	13921	1010.89	77.4	99.98	178503	4.6081 ng/ml
Flualprazolam	5.705	128992	2828.52	99.4	24216.17	269605	50.6528 ng/ml
Fluoxetine	5.721	166938	12260.26	7.6	5373.53	119866	48.5848 ng/ml
Hydrocodone	3.039	194061	262.07	31.1	132.39	230536	52.6449 ng/ml
Hydromorphone	1.635	178777	5256.80	73.8	2838.90	119715	50.6160 ng/ml
Ketamine	4.059	385046	366.73	39.5	1671.99	337400	51.0133 ng/ml
Lamotrigine	4.294	35371	2269.49	83.2	3722.74	337400	54.3052 ng/ml
Levetiracetam	2.663	186155	5423.30	141.5	4527.98	816022	49.2834 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	352371	15576.80	48.9	3612.47	113025	51.2027 ng/ml
MDA	3.230	454163	4390.18	29.9	669.79	279912	55.3771 ng/ml
MDMA	3.316	290280	2253.84	98.5	2767.17	75004	49.4448 ng/ml
Meprobamate	4.911	198505	118793.99	25.3	3260.88	217979	54.2760 ng/ml
Methadone	5.666	330108	660.65	56.4	482.71	288485	49.0665 ng/ml
Methamphetamine	3.251	448499	429.88	41.9	755.47	398296	53.0893 ng/ml
Metoprolol	4.340	97432	5416.99	84.4	1971.71	777806	52.5863 ng/ml
Mirtazapine	4.617	508891	58374.46	45.7	2094.51	423061	53.5724 ng/ml
Mitragynine	5.230	78277	1669.81	34.5	37343.26	288485	53.1787 ng/ml
Morphine	1.267	27668	2222.07	20.6	433.50	8712	51.3902 ng/ml
Norbuprenorphine	5.006	633	922.41	105.0	2676.52	5392	4.9240 ng/ml
Nordiazepam	5.900	236612	20594.15	60.3	5102.75	159894	50.6430 ng/ml
Norfentanyl	4.099	79450	320.88	32.3	758.49	729508	4.5723 ng/ml
Norhydrocodone	3.093	20589	336.79	37.8	95.04	49103	44.8437 ng/ml
Noroxycodone	2.943	164541	649.96	49.3	1196.33	99654	52.2118 ng/ml
O-desmethyl-tramadol	3.396	879121	25242.81	7.0	521.33	1005785	48.9211 ng/ml
Oxazepam	5.756	431353	∞	76.8	3530.79	394389	53.4987 ng/ml
Oxycodone	2.861	365768	1085.59	30.2	3445.31	253207	52.3781 ng/ml
Oxymorphone	1.425	151292	376.58	47.6	∞	99147	50.0686 ng/ml
Phentermine	3.803	132970	1030.05	7.1	240.75	353550	55.0306 ng/ml
Promethazine	5.552	248070	457.34	32.4	1721.56	233380	47.8391 ng/ml
Pseudoephedrine	2.616	804010	15157.59	16.5	22422.72	816022	47.6519 ng/ml
Quetiapine	5.541	359903	808.03	57.6	571111.62	102046	51.6369 ng/ml
Sertraline	5.789	66302	2003.89	98.2	152749.32	55492	50.0819 ng/ml
Temazepam	5.816	703679	9539.38	28.4	279.93	725921	50.3451 ng/ml
Tramadol	4.259	801553	13900.56	3.9	178.24	777806	51.2658 ng/ml
Trazodone	5.101	302479	42784.76	77.0	1980.38	225017	47.3114 ng/ml
Venlafaxine	5.057	579613	819.49	38.2	403.35	617106	48.0589 ng/ml
Zolpidem	4.867	912980	9398.52	30.7	375.64	853706	50.4221 ng/ml

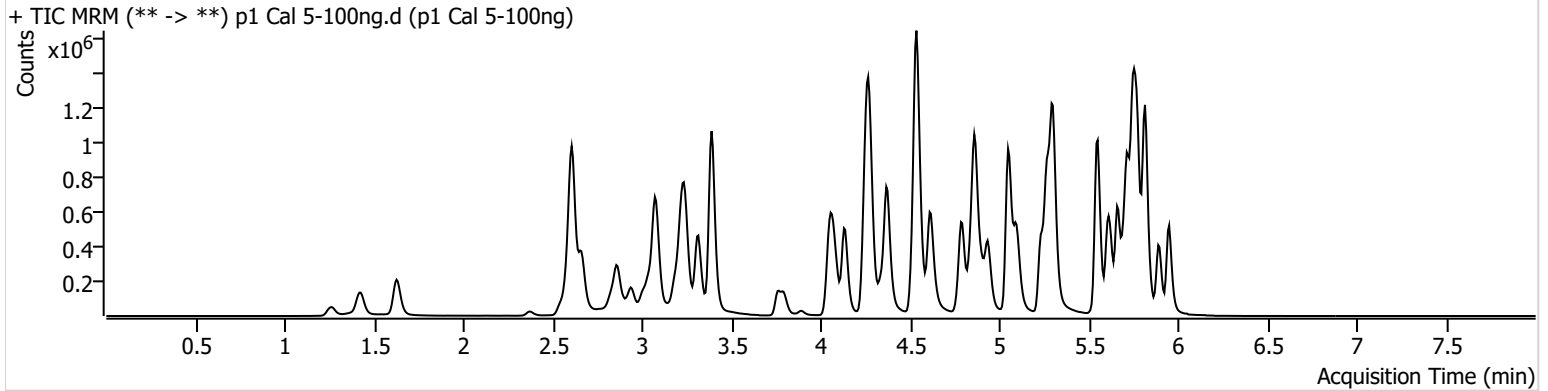
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 5:12:50 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17779	1131.39	71.6	5391.27	48689	10.2136 ng/ml
7-aminoclonazepam	4.258	244842	23656.29	78.0	458522.26	162837	102.6948 ng/ml
a-hydroxyalprazolam	5.692	162755	766.93	71.3	1012.45	234751	103.6115 ng/ml
alpha-PHP	4.937	238467	12567.04	264.0	5915.28	414695	107.0232 ng/ml
alpha-PVP	4.376	921453	1014.53	49.9	17085.15	414695	97.2874 ng/ml
Alprazolam	5.775	610294	3970.56	115.9	∞	234751	98.1341 ng/ml
Amphetamine	3.076	1241657	6237.91	45.5	1062.93	145638	103.3308 ng/ml
Benzoylecgonine	3.892	24965	6461.92	8.8	245.06	8402	89.0632 ng/ml
Buprenorphine	5.772	10609	13545.94	17.3	782.57	44673	9.6206 ng/ml
Bupropion	4.795	757557	38267.47	66.1	10004.76	252904	100.3923 ng/ml
Carisoprodol	5.724	600718	160323.48	51.0	3186.21	253834	95.8692 ng/ml
Citalopram	5.232	514232	9462.17	36.1	267623.70	230588	99.0810 ng/ml
Clonazepam	5.612	735621	978.34	34.3	426492.47	100115	105.3412 ng/ml
Clonazepam	5.548	459695	399193.72	33.8	195060.49	100115	107.0890 ng/ml
Cocaine	4.271	699724	20098.25	53.9	94177.23	571884	99.3311 ng/ml
Codeine	2.600	87432	226.85	109.5	68528.14	49282	106.4290 ng/ml
Cyclobenzaprine	5.628	229667	288.19	8.3	966.43	113979	95.3343 ng/ml
Dextromethorphan	5.282	239884	12475.68	81.3	3406.63	124313	99.0893 ng/ml
Dextrophan	4.139	259472	10265.15	216.1	135051.98	351063	98.8118 ng/ml
Diazepam	5.953	443411	4968.33	87.5	2859.17	219555	101.4651 ng/ml
Dihydrocodeine	2.579	257354	349.36	59.5	292.70	159151	104.3567 ng/ml
Diphenhydramine	5.303	1325478	41496.46	29.9	4608.99	689146	97.9556 ng/ml
Doxylamine	4.536	1999271	83857.57	100.3	89220.40	862761	97.8032 ng/ml
EDDP	5.268	756634	1277.48	42.6	604.73	433121	98.8352 ng/ml
Etizolam	5.813	287046	3026.69	27.9	177657.39	100115	94.7696 ng/ml
Fentanyl	5.095	24190	2264.54	76.2	54250.99	155052	9.2610 ng/ml
Flualprazolam	5.698	228181	15442.03	96.5	417019.66	234751	103.4762 ng/ml
Fluoxetine	5.721	227693	429.68	8.0	150.57	83191	96.0322 ng/ml
Hydrocodone	3.039	346217	2866.66	32.7	170.16	209393	104.9401 ng/ml
Hydromorphone	1.628	316502	4052.14	74.0	10386.13	108129	99.8748 ng/ml
Ketamine	4.051	721213	46526.51	39.4	1209.40	319367	102.2662 ng/ml
Lamotrigine	4.294	60635	2565.91	83.3	1042.44	319367	99.4522 ng/ml
Levetiracetam	2.663	328099	459.39	142.7	6354.30	768700	92.7158 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	544677	13150.64	48.8	1734.05	100115	90.9133 ng/ml
MDA	3.223	821617	2839.73	29.8	623.80	273544	104.0954 ng/ml
MDMA	3.316	555078	1108.95	97.1	4268.41	72539	98.6493 ng/ml
Meprobamate	4.911	330195	34225.28	25.1	285.38	192984	103.4904 ng/ml
Methadone	5.666	608036	677.19	56.7	871.56	271485	96.3042 ng/ml
Methamphetamine	3.244	859561	12918.47	41.7	1157.20	407216	104.4710 ng/ml
Metoprolol	4.340	182020	18622.37	85.7	54253.96	728805	105.8834 ng/ml
Mirtazapine	4.617	980745	7530.08	45.8	8333.35	414695	106.1798 ng/ml
Mitragynine	5.230	138407	2822.11	34.9	52391.13	271485	100.2124 ng/ml
Morphine	1.267	49636	573.57	20.0	169.67	8009	101.1679 ng/ml
Norbuprenorphine	5.006	1201	19391.47	98.6	1321.43	5614	10.1560 ng/ml
Nordiazepam	5.900	422493	1818.31	59.1	2123.82	142306	102.5344 ng/ml
Norfentanyl	4.099	152011	8968.17	33.8	1593.60	708677	8.9454 ng/ml
Norhydrocodone	3.093	37352	128.20	37.9	68.56	41679	95.5531 ng/ml
Noroxycodone	2.936	288335	470.88	49.3	4693.41	91697	100.5305 ng/ml
O-desmethyl-tramadol	3.389	1601963	43030.84	7.0	8192.97	931037	96.8734 ng/ml
Oxazepam	5.756	703169	18199.47	74.7	296.00	333658	104.3203 ng/ml
Oxycodone	2.861	664860	960.22	29.8	678.78	241228	101.0005 ng/ml
Oxymorphone	1.425	270010	∞	46.4	∞	87091	102.8071 ng/ml
Phentermine	3.797	257585	665.11	6.9	577.99	356106	107.3053 ng/ml
Promethazine	5.552	385757	4041.88	32.3	754.79	176135	99.2870 ng/ml
Pseudoephedrine	2.616	1525330	30573.99	16.5	252.02	768700	96.2582 ng/ml
Quetiapine	5.541	683948	16616.90	58.3	16948.73	99154	102.0766 ng/ml
Sertraline	5.789	83536	4455.73	104.3	5085.25	36549	96.4622 ng/ml
Temazepam	5.816	1172748	1912.17	28.1	430.11	610109	100.8211 ng/ml
Tramadol	4.259	1474069	726.41	3.9	276.64	728805	101.5685 ng/ml
Trazodone	5.094	553067	82358.67	78.1	1115.05	204789	95.4289 ng/ml
Venlafaxine	5.050	1152135	99656.96	38.6	1762.01	608566	97.4068 ng/ml
Zolpidem	4.860	1689302	1070.82	30.4	4904.29	792583	101.4375 ng/ml

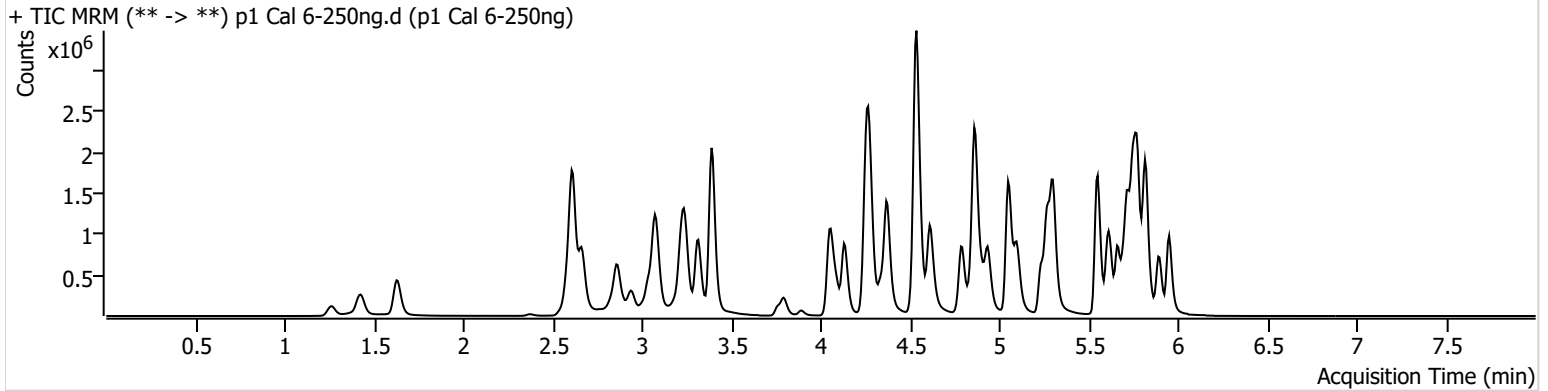


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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 11/24/2021 5:23:27 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	43461	411.24	70.4	1047.89	47727	25.5967 ng/ml
7-aminoclonazepam	4.258	506782	318.81	79.3	10143.87	141776	246.1607 ng/ml
a-hydroxyalprazolam	5.692	278255	∞	74.4	1073.42	200078	209.5536 ng/ml
alpha-PHP	4.937	469830	15787.91	261.9	3539.19	352677	250.6918 ng/ml
alpha-PVP	4.376	1989073	31188.61	50.7	52075.91	352677	248.2045 ng/ml
Alprazolam	5.775	1389314	54136.77	112.7	5753.77	200078	262.2127 ng/ml
Amphetamine	3.076	2375919	541.16	44.6	415.36	122752	237.1733 ng/ml
Benzoylecgonine	3.892	67928	7752.36	8.3	6599.37	8750	231.8611 ng/ml
Buprenorphine	5.772	14262	18842.35	18.7	231.99	23454	25.0210 ng/ml
Bupropion	4.795	1268519	79700.40	66.8	345.38	169768	251.5885 ng/ml
Carisoprodol	5.724	1212010	82226.59	49.6	3885.17	196001	250.5657 ng/ml
Citalopram	5.239	811936	858.93	36.3	1204.52	144983	249.9684 ng/ml
Clonazepam	5.612	1504896	45576.72	34.5	60894.22	86327	251.7149 ng/ml
Clonazepam	5.555	949883	927124.80	35.7	436479.95	86327	259.3141 ng/ml
Cocaine	4.271	1602018	1849.83	52.8	451.16	524778	249.2361 ng/ml
Codeine	2.600	185917	2593.26	104.8	1043.58	44965	250.4832 ng/ml
Cyclobenzaprine	5.628	342435	16727.01	8.5	61.99	66577	242.5306 ng/ml
Dextromethorphan	5.282	350881	14712.03	81.2	8290.30	72273	250.3075 ng/ml
Dextrophan	4.132	554697	18709.93	218.5	119629.33	300007	248.0593 ng/ml
Diazepam	5.953	980459	14093.93	88.4	13045.14	192435	257.4267 ng/ml
Dihydrocodeine	2.579	591967	7855.07	61.4	412.51	155994	246.6376 ng/ml
Diphenhydramine	5.303	2162909	26953.54	29.9	8611.18	440624	250.9405 ng/ml
Doxylamine	4.536	4588733	127266.46	98.6	1935.53	755724	256.9890 ng/ml
EDDP	5.268	1446781	1081.28	42.1	246061.28	330388	248.7431 ng/ml
Etizolam	5.813	648984	6076.26	27.6	407347.68	86327	249.6595 ng/ml
Fentanyl	5.103	36326	8621.57	72.2	1908.53	87978	24.5816 ng/ml
Flualprazolam	5.705	474026	6392.95	104.7	40008.75	200078	253.0104 ng/ml
Fluoxetine	5.721	300724	31564.14	7.9	5925.05	41295	256.4588 ng/ml
Hydrocodone	3.039	788169	1522.51	32.0	351.13	203943	247.4099 ng/ml
Hydromorphone	1.635	753011	4815.57	74.9	14346.25	102584	251.5056 ng/ml
Ketamine	4.051	1704650	127731.63	39.3	2240.71	306281	254.0176 ng/ml
Lamotrigine	4.294	139912	4121.74	85.9	2771.96	306281	241.1975 ng/ml
Levetiracetam	2.663	778032	7642.36	144.9	25827.54	678618	250.0257 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	792376	11225.00	49.2	771.04	86327	154.8212 ng/ml
MDA	3.223	1530154	3300.63	29.2	659.12	209965	255.2173 ng/ml
MDMA	3.316	1169925	13771.27	98.2	4900.19	59638	254.3200 ng/ml
Meprobamate	4.911	689378	117522.93	25.2	217.63	171283	245.7711 ng/ml
Methadone	5.666	933141	∞	56.0	770.90	162887	246.7688 ng/ml
Methamphetamine	3.244	1496891	1127.57	41.0	11924.33	305702	249.8195 ng/ml
Metoprolol	4.340	396527	1466264.76	86.8	4640.47	668875	252.7659 ng/ml
Mirtazapine	4.610	1781461	2189.99	45.2	1096.68	352677	227.7854 ng/ml
Mitragynine	5.230	201794	104282.41	34.7	144272.97	162887	243.9992 ng/ml
Morphine	1.267	128318	765.37	19.6	2808.34	8103	259.9357 ng/ml
Norbuprenorphine	5.006	1794	24.80	88.4	268.74	3527	26.1224 ng/ml
Nordiazepam	5.900	880983	660.09	58.7	644.26	120224	254.4327 ng/ml
Norfentanyl	4.099	349598	536.15	33.1	554.76	629312	23.0692 ng/ml
Norhydrocodone	3.093	87284	2525.61	37.9	∞	34581	268.6529 ng/ml
Noroxycodone	2.936	605746	7164.46	49.2	563.00	76532	254.8876 ng/ml
O-desmethyl-tramadol	3.389	3984701	53760.89	7.0	33430.36	893276	252.0858 ng/ml
Oxazepam	5.756	1142455	20858.75	75.4	5638.58	227494	250.4319 ng/ml
Oxycodone	2.854	1569334	8837.19	30.1	2698.56	234529	246.8843 ng/ml
Oxymorphone	1.425	626911	425.48	44.3	∞	81342	257.1252 ng/ml
Phentermine	3.797	495170	2627.96	6.2	3633.20	288119	257.1395 ng/ml
Promethazine	5.552	575257	99982.57	32.2	4557.45	104839	249.7692 ng/ml
Pseudoephedrine	2.616	3440487	67496.20	16.6	39038.50	678618	246.3831 ng/ml
Quetiapine	5.541	1271080	47424.89	59.9	74250.74	73166	258.8094 ng/ml
Sertraline	5.789	120204	339.90	96.5	474.91	20640	246.9108 ng/ml
Temazepam	5.816	2229313	4310.76	27.2	459.97	460248	255.5874 ng/ml
Tramadol	4.259	3356669	∞	4.0	∞	668875	253.4727 ng/ml
Trazodone	5.094	1046944	742.68	76.7	42662.45	142052	261.0741 ng/ml
Venlafaxine	5.050	2561105	323088.79	37.8	592.58	524720	251.9598 ng/ml
Zolpidem	4.860	4253164	12607.20	29.3	116360.48	782112	260.2862 ng/ml

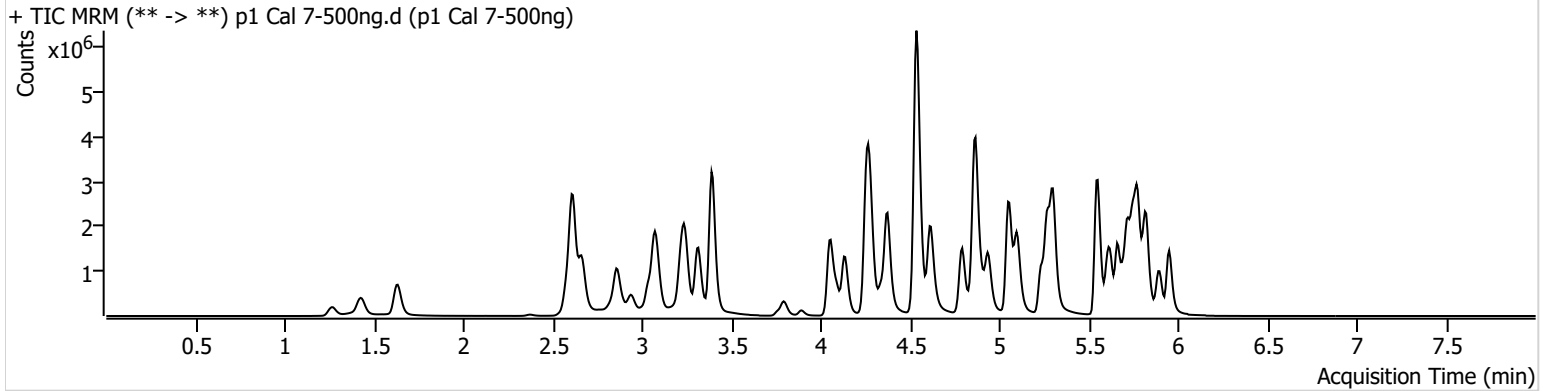
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 5:34:04 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	76601	1415.80	73.7	665.16	44200	48.7914 ng/ml
7-aminoclonazepam	4.258	724938	16440.98	80.8	72388.53	121118	413.1762 ng/ml
a-hydroxyalprazolam	5.692	353201	1050.45	73.1	37533.61	154734	345.0379 ng/ml
alpha-PHP	4.944	795313	76673.55	263.4	57335.21	302133	497.3956 ng/ml
alpha-PVP	4.376	3506915	170444.82	50.9	27636.94	302133	511.6860 ng/ml
Alprazolam	5.775	2135016	2349.06	113.4	2722.46	154734	521.0941 ng/ml
Amphetamine	3.076	3715970	40226.27	44.7	427.52	103606	441.2273 ng/ml
Benzoylecgonine	3.892	132513	443.77	8.0	5627.07	7801	506.7360 ng/ml
Buprenorphine	5.772	28322	89365.33	16.5	7906.40	22942	51.0530 ng/ml
Bupropion	4.795	2296044	2816142.76	66.3	20042.53	153448	504.5910 ng/ml
Carisoprodol	5.724	1661117	98602.89	50.7	4668.35	132558	507.8131 ng/ml
Citalopram	5.239	1446619	609.76	37.0	2675.30	125834	513.9462 ng/ml
Clonazepam	5.612	2220006	258528.35	34.7	98722.64	67017	479.4977 ng/ml
Clonazepam	5.555	1306889	291015.45	36.1	767382.36	67017	461.0643 ng/ml
Cocaine	4.277	2626895	162998.90	52.9	88020.68	425234	505.3135 ng/ml
Codeine	2.600	280837	314.88	102.9	481.83	37053	460.6852 ng/ml
Cyclobenzaprine	5.628	858310	2291.29	8.1	3937.23	79395	509.1754 ng/ml
Dextromethorphan	5.282	656669	554.32	79.8	40232.14	68120	497.6618 ng/ml
Dextrophan	4.139	922089	1536.92	217.4	1452.62	244526	506.5212 ng/ml
Diazepam	5.953	1613532	2015.95	86.9	964.21	162086	503.8777 ng/ml
Dihydrocodeine	2.579	984484	517.66	60.7	523.73	143023	448.4280 ng/ml
Diphenhydramine	5.303	3913460	597.04	30.0	585.17	389633	514.0938 ng/ml
Doxylamine	4.536	8484871	2609.12	98.5	224768.54	678494	529.7473 ng/ml
EDDP	5.268	2762593	682.56	42.1	28288.53	304090	516.7525 ng/ml
Etizolam	5.813	1038529	3362.11	28.3	6797.64	67017	515.3974 ng/ml
Fentanyl	5.103	82005	285.45	74.9	238977.45	98862	49.4262 ng/ml
Flualprazolam	5.698	717465	25110.85	102.5	39266.84	154734	495.6940 ng/ml
Fluoxetine	5.721	696666	∞	7.9	6684.15	46643	526.5977 ng/ml
Hydrocodone	3.039	1334714	∞	33.9	1554.85	181473	472.2883 ng/ml
Hydromorphone	1.635	1286897	5585303.84	74.0	8590.74	86482	510.5666 ng/ml
Ketamine	4.051	3016656	111704.43	38.6	2213.57	274730	502.4629 ng/ml
Lamotrigine	4.294	231422	10525.68	85.2	17883.09	274730	445.9179 ng/ml
Levetiracetam	2.663	1262409	8970.86	145.4	73762.58	548830	502.2046 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	902669	37669.11	49.4	19278.14	67017	228.1701 ng/ml
MDA	3.223	2219903	10890.06	28.9	1893.45	168577	462.6657 ng/ml
MDMA	3.316	1991705	14952.38	95.7	10921.36	50334	513.9151 ng/ml
Meprobamate	4.911	1018271	47278.04	24.6	5413.54	132352	471.3784 ng/ml
Methadone	5.659	1885155	55725.61	55.0	19097.32	157399	516.2136 ng/ml
Methamphetamine	3.244	2650966	34158.42	40.7	768.64	279421	489.3466 ng/ml
Metoprolol	4.340	640930	41902.62	88.2	44623.56	571856	478.8048 ng/ml
Mirtazapine	4.617	3305550	9357.85	44.6	2427.50	302133	494.3962 ng/ml
Mitragynine	5.230	429413	1552649.52	34.9	201814.77	157399	537.7291 ng/ml
Morphine	1.267	211052	2513.52	20.2	879.02	6994	496.2033 ng/ml
Norbuprenorphine	5.006	3372	5887.12	100.8	264.76	3506	50.6783 ng/ml
Nordiazepam	5.900	1320642	599.25	59.2	7876.28	91262	503.3469 ng/ml
Norfentanyl	4.099	656918	502.45	33.5	8748.66	549662	49.5590 ng/ml
Norhydrocodone	3.093	158221	∞	38.1	344.82	28243	595.9799 ng/ml
Noroxycodone	2.936	948692	6857.63	49.7	657.17	63117	485.1305 ng/ml
O-desmethyl-tramadol	3.389	6978079	98171.39	6.9	53596.20	753552	523.9470 ng/ml
Oxazepam	5.749	1319134	17628.60	74.8	∞	137220	480.6141 ng/ml
Oxycodone	2.854	2745766	6956.32	30.0	3714.94	203470	499.0876 ng/ml
Oxymorphone	1.425	1003735	∞	46.5	∞	65554	511.8582 ng/ml
Phentermine	3.797	804021	9149.62	6.6	1349.01	254151	474.6618 ng/ml
Promethazine	5.545	1470220	1863.55	31.8	978.99	126463	529.9547 ng/ml
Pseudoephedrine	2.616	5883754	53775.05	16.2	1755.07	548830	521.3125 ng/ml
Quetiapine	5.541	2418304	6771.38	59.9	305080.10	72944	494.9305 ng/ml
Sertraline	5.789	289080	8422.37	98.3	2003.31	23185	529.4425 ng/ml
Temazepam	5.823	2929705	59998.27	27.9	1194.56	300094	516.1633 ng/ml
Tramadol	4.259	5651696	917.11	3.9	13122.70	571856	500.1401 ng/ml
Trazodone	5.094	2273389	108824.37	79.0	92305.60	146742	549.2004 ng/ml
Venlafaxine	5.050	4424977	488977.05	37.0	1607.30	441336	518.1319 ng/ml
Zolpidem	4.867	7856869	237424.71	28.2	30424.15	739619	509.3596 ng/ml

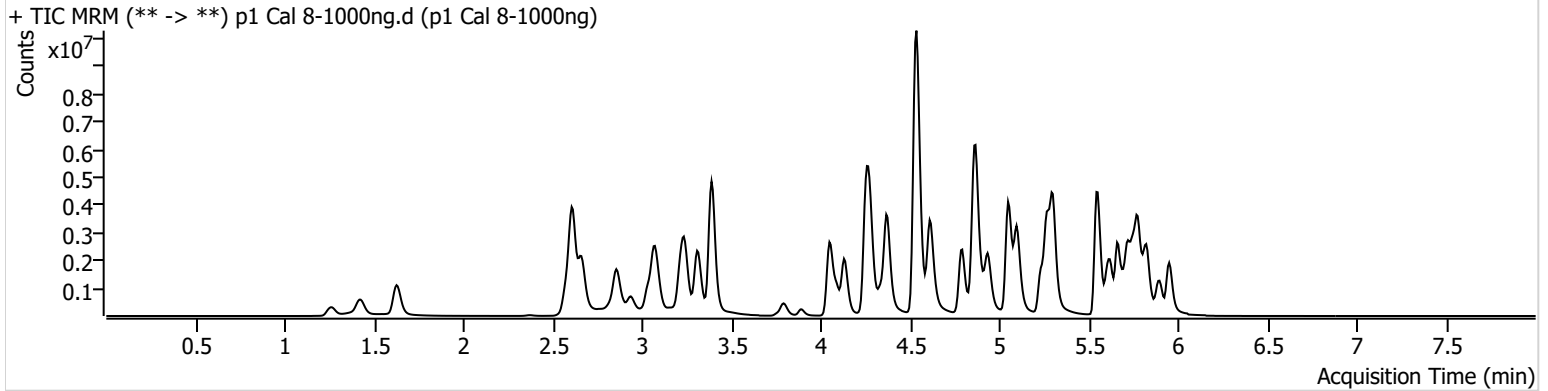
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\112421 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/30/2021 10:51:55 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	11/24/2021 5:44:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	146337	734.91	70.1	750.65	41271	99.9155 ng/ml
7-aminoclonazepam	4.258	854957	9624.01	79.3	13338.82	90770	651.0372 ng/ml
a-hydroxyalprazolam	5.685	395634	374.89	74.6	706.40	114263	524.2627 ng/ml
alpha-PHP	4.937	1306359	68668.03	267.0	115557.66	249150	992.8263 ng/ml
alpha-PVP	4.376	5802104	337455.88	51.1	50567.75	249150	1027.4312 ng/ml
Alprazolam	5.775	3129366	636.33	109.2	2918.94	114263	1034.3683 ng/ml
Amphetamine	3.076	5070519	2445.04	44.6	2577.34	85200	733.4669 ng/ml
Benzoylecgonine	3.892	264435	531.37	8.4	1026.99	7675	1027.2311 ng/ml
Buprenorphine	5.772	39352	36323.49	17.1	17395.27	16422	99.3323 ng/ml
Bupropion	4.795	3746167	98564.50	65.4	22388.21	127147	994.3313 ng/ml
Carisoprodol	5.724	2093094	208710.65	50.5	25826.12	84927	998.7792 ng/ml
Citalopram	5.232	2278325	25968.31	37.3	18074.28	103054	989.0589 ng/ml
Clonazepam	5.612	2988677	81723.44	33.7	17816.32	48311	896.6063 ng/ml
Clonazepam	5.555	1633308	4621.46	36.0	22664.86	48311	800.7539 ng/ml
Cocaine	4.271	4216181	903.69	52.5	1718.78	348111	991.6150 ng/ml
Codeine	2.593	413111	896.74	97.2	266.89	30971	812.1436 ng/ml
Cyclobenzaprine	5.628	1332285	1347.62	8.0	2490.62	62284	1006.9671 ng/ml
Dextromethorphan	5.282	1003993	47135.04	78.8	17316.07	52568	986.6471 ng/ml
Dextrophan	4.132	1466028	1007.91	220.3	180075.23	191281	1030.0807 ng/ml
Diazepam	5.953	2311006	6162.62	87.7	880.44	123973	944.3858 ng/ml
Dihydrocodeine	2.572	1576769	17736.36	60.9	25369.47	136397	753.9781 ng/ml
Diphenhydramine	5.303	6368619	108672.22	29.8	23099.14	316549	1030.3802 ng/ml
Doxylamine	4.536	14506087	31971.22	97.8	202369.88	610455	1007.0194 ng/ml
EDDP	5.268	4823485	55584.54	41.4	63654.42	264843	1036.6137 ng/ml
Etizolam	5.813	1536231	3298.46	27.8	4524.66	48311	1058.3591 ng/ml
Fentanyl	5.103	128605	4001.76	72.8	174793.50	75069	102.1259 ng/ml
Flualprazolam	5.705	960279	35278.73	108.8	37435.88	114263	898.8917 ng/ml
Fluoxetine	5.721	903331	25742.01	8.1	58442.88	30349	1049.9840 ng/ml
Hydrocodone	3.032	2228327	∞	33.3	336.42	155736	920.3033 ng/ml
Hydromorphone	1.628	2091317	25746.61	77.4	865742.69	74727	960.8387 ng/ml
Ketamine	4.051	5096428	28139.92	37.7	14188.60	248668	939.0129 ng/ml
Lamotrigine	4.294	309203	1503.05	90.8	9863.67	248668	658.8814 ng/ml
Levetiracetam	2.663	2052720	33118.61	148.6	137087.17	411693	1089.2955 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	963378	34282.96	48.8	2433.83	48311	338.8130 ng/ml
MDA	3.216	3126020	16633.83	28.4	2588.64	132108	832.8519 ng/ml
MDMA	3.310	3129821	2189.97	97.3	1739.08	41191	987.6715 ng/ml
Meprobamate	4.911	1419969	2102.70	24.7	92005.45	96503	903.0958 ng/ml
Methadone	5.659	3230532	282245.88	52.6	41945.99	131239	1061.2525 ng/ml
Methamphetamine	3.244	3850612	50270.09	40.1	19364.83	227135	878.8717 ng/ml
Metoprolol	4.340	976031	9164.31	86.3	5281.92	487385	856.3325 ng/ml
Mirtazapine	4.610	5781447	7294.96	43.7	1448.96	249150	1049.5787 ng/ml
Mitragynine	5.230	611767	5322.96	35.2	169330.73	131239	919.0277 ng/ml
Morphine	1.261	362158	1229.21	20.3	1932.80	6258	952.4294 ng/ml
Norbuprenorphine	5.006	5205	19875.75	104.6	267.36	2952	94.1132 ng/ml
Nordiazepam	5.900	1744978	43968.91	59.7	793.75	64956	935.2198 ng/ml
Norfentanyl	4.099	1175802	2597.14	33.6	19656.90	469318	103.8224 ng/ml
Norhydrocodone	3.086	285007	∞	38.9	711.32	23586	1285.1979 ng/ml
Noroxycodone	2.936	1427318	9537.41	47.9	2492.11	49605	929.7974 ng/ml
O-desmethyl-tramadol	3.389	11565532	165565.82	6.8	1426.79	641163	1021.1728 ng/ml
Oxazepam	5.749	1288527	31436.88	74.3	∞	72937	884.3440 ng/ml
Oxycodone	2.854	4717464	∞	29.8	3133.41	183358	952.5945 ng/ml
Oxymorphone	1.425	1603178	1161.99	46.6	479.28	58222	921.3326 ng/ml
Phentermine	3.797	1207844	5240.00	6.5	1937.22	219060	828.4709 ng/ml
Promethazine	5.552	2308433	195303.84	32.3	1815.17	103383	1018.4815 ng/ml
Pseudoephedrine	2.616	9194023	110512.00	15.8	278.17	411693	1086.2698 ng/ml
Quetiapine	5.541	4016247	115226.62	60.2	38769.90	67264	892.2795 ng/ml
Sertraline	5.789	339572	9570.65	105.7	24033.77	14767	977.0345 ng/ml
Temazepam	5.823	3270475	53630.16	28.0	3740.13	177064	977.4608 ng/ml
Tramadol	4.252	9055343	1785.52	3.8	533.00	487385	941.0955 ng/ml
Trazodone	5.094	4078222	1856.73	78.5	10631.33	116310	1243.4638 ng/ml
Venlafaxine	5.050	7529615	241659.06	36.8	19150.64	371293	1048.5230 ng/ml
Zolpidem	4.867	13026011	330215.48	28.0	4399.85	674093	927.3430 ng/ml