

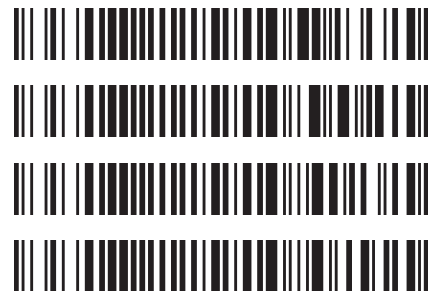


Worklist: 6641

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-5248	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-5306	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-5362	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-5430	6	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3869	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3878	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3888	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3903	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3916	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3926	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3947	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3948	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3949	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3952	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3957	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3959	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3962	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3963	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3965	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3967	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-4010	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6641

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2023-4014	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-4030	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-0007	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-0008	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 01/05/2024

Plate lot#: 230707

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

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 01/07/2024

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate LC Methanol

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Using a calibrated pipette, pipette **250µL blood** into the appropriate wells of the analytical (standards) plate.
Pipette ID: 16
- 3. Pipette **250µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **300L of blood+base** mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right). Manifold ID: 067104
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 14. Remove plate containing eluate.
- 15. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 16. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and 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.

Comments: The run was started on 1/5/24, but the incorrect mobile phases were on the instrument. The entire run was reinjected on 1/8/24 with the correct mobile phases.



Curve Limits:

7-aminoclonazepam 5-500 --calibrator 8 dropped due to accuracy
Amphetamine 5-250 --calibrators 7 and 8 dropped due to accuracy
Dihydrocodeine 5-500 --calibrator 8 dropped due to accuracy
Etizolam 5-250 --calibrators 7 and 8 dropped due to accuracy
Hydroxyzine- 5-500 --calibrator 8 dropped due to linearity
Ketamine 5-500 --calibrator 8 dropped due to accuracy
Lamotrigine 5-500 --calibrator 8 dropped due to accuracy
MDA 5-500 --calibrator 8 dropped due to accuracy
Meprobamate 5-500 --calibrator 8 dropped due to accuracy
Methamphetamine 5-500 --calibrator 8 dropped due to accuracy
Metoprolol 5-500 --calibrator 8 dropped due to accuracy
Norfentanyl 0.5-50 --calibrator 8 dropped due to peak shape
Olanzapine 5-500 --calibrator 8 dropped due to accuracy
Temazepam 5-500 --calibrator 8 dropped due to calibrator and ISTD peak shapes
Trazodone 5-500 --calibrator 8 dropped due to accuracy

8

	1	2	3	4	5
A	IS + Cal. 1	IS + QC_1	M2023-5362-2	P2023-3947-3	P2023-3965-1
B	IS + Cal. 2	IS + QC_2	M2023-5430-6	P2023-3948-1	P2023-3967-1
C	IS + Cal. 3	IS + QC_3	P2023-3869-1	P2023-3949-1	P2023-4010-1
D	IS + Cal. 4	IS + QC_4	P2023-3878-1	P2023-3952-1	P2023-4014-1
E	IS + Cal. 5	IS + QC_2	P2023-3888-1	P2023-3957-1	P2023-4030-1
F	IS + Cal. 6	Blood NEG	P2023-3903-1	P2023-3959-1	P2024-0007-1
G	IS + Cal. 7	M2023-5248-1	P2023-3916-1	P2023-3962-2	P2024-0008-1
H	IS + Cal. 8	M2023-5306-1	P2023-3926-1	P2023-3963-1	

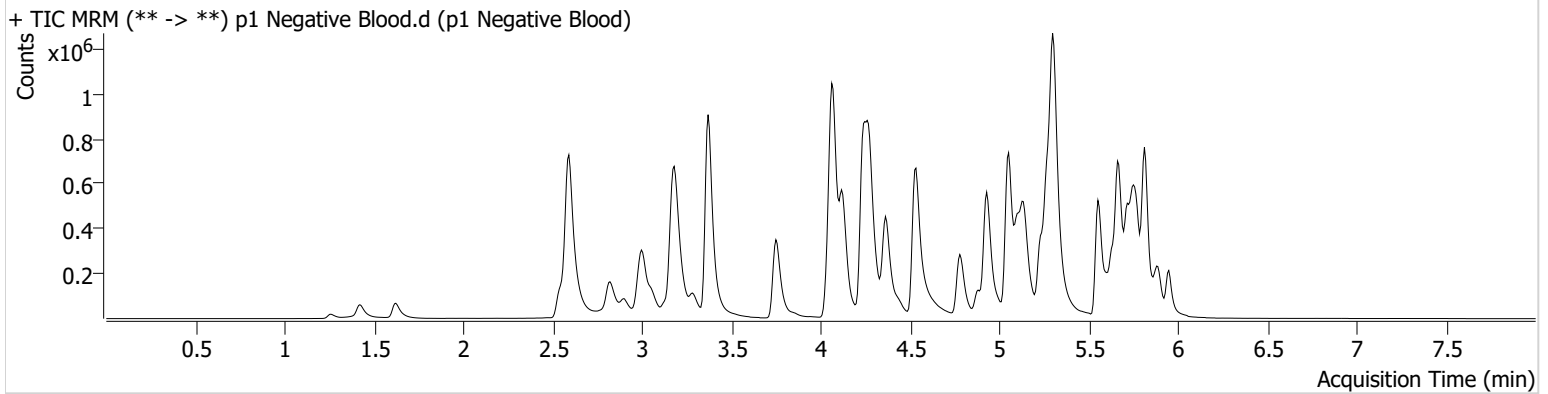
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 11:08:14 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-F2	Comment	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	1/8/2024 12:55:41 PM		
Sample Info.			

Sample Chromatogram





AM #28 Multi-Drug Quant. Results

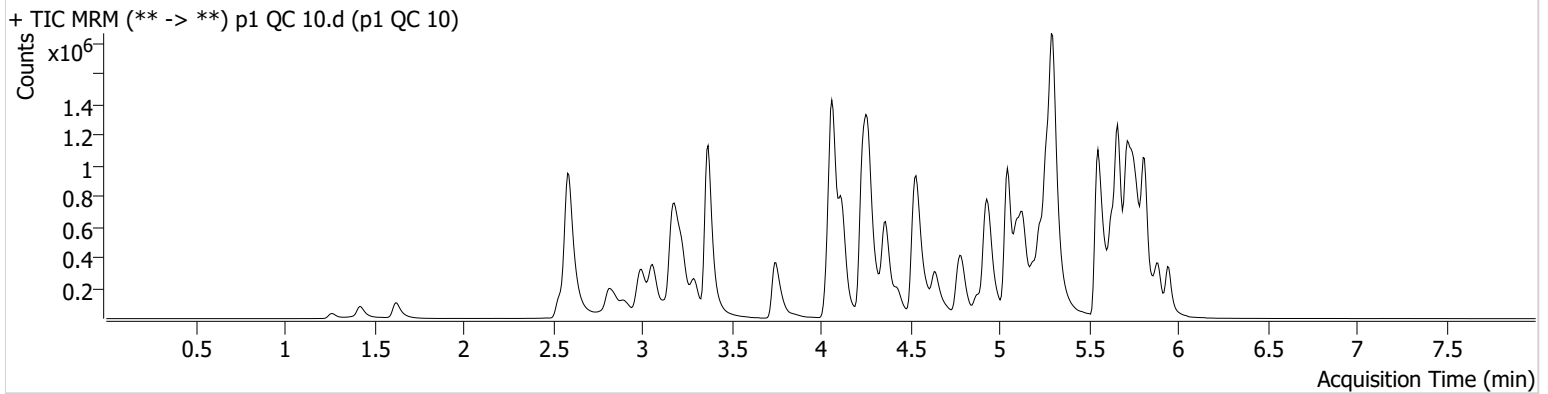
Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A2
Injection Volume 2
Acq. Date-Time 1/8/2024 11:51:52 AM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	5057	4823.78	72.1	560.71	162652	0.9773 ng/ml
7-aminoclonazepam	4.258	91448	771.11	77.0	43.50	369412	10.6463 ng/ml
a-hydroxyalprazolam	5.692	44970	250.65	67.0	254.11	199802	10.3472 ng/ml
alpha-PHP	4.943	91414	984.57	261.2	6698.38	1385056	10.6918 ng/ml
alpha-PVP	4.369	340841	13261.95	49.5	1738.97	1385056	9.7138 ng/ml
Alprazolam	5.769	156292	1242.74	115.4	355.25	705382	9.9086 ng/ml
Amphetamine	3.060	508144	1573.61	48.1	5251.55	707354	10.5609 ng/ml
Benzoylcegonine	3.876	7483	1311.94	34.6	610.18	25436	10.2559 ng/ml
Bromazolam	5.807	66488	1403.00	119.4	14048.85	330897	10.1051 ng/ml
Buprenorphine	5.888	7946	6569.24	15.7	721.04	299770	0.9723 ng/ml
Bupropion	4.792	315037	157.63	67.2	1991.89	972375	10.1764 ng/ml
Carisoprodol	5.723	136826	2997.19	61.2	194.72	605400	10.2523 ng/ml
Citalopram	5.227	253364	254.61	36.0	203.54	1139161	10.0774 ng/ml
Clonazepam	5.604	140004	478.82	34.3	159.21	191727	10.2176 ng/ml
Clonazolam	5.547	117678	959.63	34.0	33083.69	191727	10.6073 ng/ml
Cocaine	4.264	233826	157.43	52.0	161.29	1897151	10.1143 ng/ml
Codeine	2.596	26706	159.90	107.0	1450.79	153367	10.8269 ng/ml
Cyclobenzaprine	5.634	256165	312.15	9.1	70.52	1146962	9.8322 ng/ml
Dextromethorphan	5.277	178422	133.49	85.4	297.07	810766	10.2100 ng/ml
Dextrorphan	4.116	109937	157.19	207.5	12274.83	1200577	10.0362 ng/ml
Diazepam	5.947	118226	3500.72	90.8	792.75	514203	10.5890 ng/ml
Dihydrocodeine	2.568	78369	528.17	58.6	75.28	425497	11.0244 ng/ml
Diphenhydramine	5.298	725354	485.86	28.9	142.82	3443159	9.8848 ng/ml
Doxylamine	4.545	591885	1110.75	99.8	419.43	2690440	9.9546 ng/ml
Duloxetine	5.653	25674	574.02	12.9	49.94	137933	10.1984 ng/ml
EDDP	5.263	306955	694.58	42.7	8358.35	1562638	10.2006 ng/ml
Etizolam	5.814	65984	980.73	26.6	1778.60	191727	9.9062 ng/ml
Fentanyl	5.110	25244	554.55	74.9	1055.28	1377001	1.0316 ng/ml
Fluorofentanyl	5.171	67474	793.27	40.0	1122.35	12111	0.9717 ng/ml
Fluoxetine	5.714	276351	971.63	7.4	829.79	993529	10.0958 ng/ml
Hydrocodone	3.029	107123	435.57	31.9	51.64	591658	9.8263 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.629	77953	5521.19	74.9	228725.75	249520	9.9949 ng/ml
Hydroxyzine	5.717	259113	2964.79	76.5	2054.68	810766	10.1213 ng/ml
Ketamine	4.056	202041	7143.77	36.8	347.46	859391	10.6291 ng/ml
Lamotrigine	4.287	20847	423.57	78.3	444.52	2567021	10.2004 ng/ml
Lorazepam	5.747	131503	730.11	46.7	66.76	884432	10.7272 ng/ml
MDA	3.208	305591	209.54	32.4	570.47	1014106	10.7030 ng/ml
MDMA	3.295	215298	2456.56	94.5	1345.08	251090	9.9344 ng/ml
Meprobamate	4.896	74451	167.64	33.4	860.70	335025	10.6128 ng/ml
Methadone	5.659	497520	7789.48	46.4	715.83	1875562	9.8360 ng/ml
Methamphetamine	3.229	507953	241.72	39.4	446.86	1704985	10.8421 ng/ml
Metoprolol	4.326	61713	2206.35	100.8	1214.27	2296753	10.8637 ng/ml
Mirtazapine	4.641	470715	2341.64	50.6	1697.65	1385056	9.7654 ng/ml
Mitragynine	5.245	91292	1999.09	37.5	25026.53	1875562	10.4217 ng/ml
Morphine	1.274	15578	6264.05	30.8	7244.43	27190	10.2892 ng/ml
Norbuprenorphine	4.999	1106	280.48	113.2	1191.92	53261	1.0212 ng/ml
Nordiazepam	5.894	118978	428.21	61.2	990.61	374802	10.5208 ng/ml
Norfentanyl	4.083	45865	166.09	36.3	193.46	1845591	0.9822 ng/ml
Norhydrocodone	3.077	21423	68.20	35.6	46.01	175599	8.6446 ng/ml
Noroxycodone	2.920	73095	1269.63	46.8	128.09	250181	10.0780 ng/ml
O-desmethyl-tramadol	3.376	500640	808.73	5.8	343.12	2920562	9.8434 ng/ml
o-desmethylvenlafaxine	4.068	667436	11250.51	16.8	339.48	567226	9.8705 ng/ml
Olanzapine	4.503	74555	181.61	45.0	148.25	160019	9.8271 ng/ml
Oxazepam	5.749	172779	1630.81	82.5	721.93	884432	10.3545 ng/ml
Oxycodone	2.845	195102	573.68	27.6	959.13	729973	10.1924 ng/ml
Oxymorphone	1.426	58390	∞	45.9	1611.57	216609	10.0408 ng/ml
Phentermine	3.778	104775	427.94	7.1	27.98	1216304	10.4135 ng/ml
Promethazine	5.550	431867	3015.96	32.9	178.18	1911003	9.9430 ng/ml
Pseudoephedrine	2.599	594472	793.16	16.8	1317.31	2567021	9.9112 ng/ml
Quetiapine	5.574	360438	4530.32	54.0	11331.93	457123	10.5624 ng/ml
Sertraline	5.782	73825	1082.62	97.5	168.61	331588	10.0295 ng/ml
Temazepam	5.817	296859	508.11	28.1	284.96	1331357	10.2227 ng/ml
Tramadol	4.245	475876	746.91	3.5	35.43	2296753	10.8868 ng/ml
Trazodone	5.191	462191	6011.45	57.6	283.36	1438119	10.6411 ng/ml
Venlafaxine	5.044	404260	688.63	39.1	128.43	2456001	10.2301 ng/ml
Xylazine	4.076	188168	1053.34	45.1	552.18	651872	10.3005 ng/ml
Zolpidem	4.947	491423	14446.07	27.8	898.53	1871774	10.4914 ng/ml



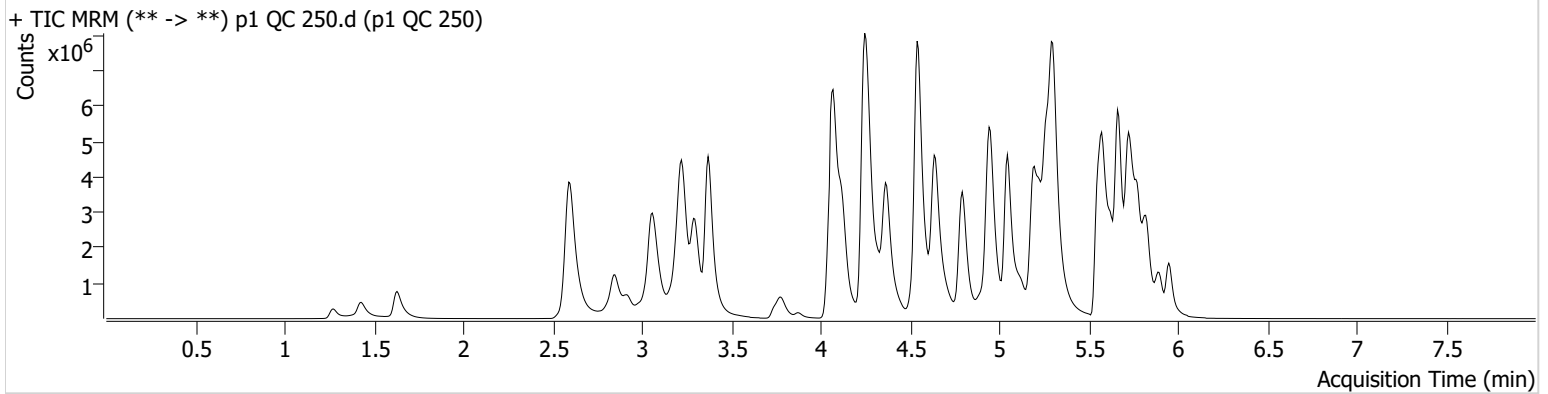
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-C2 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 12:13:11 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	105466	23308.82	72.8	115756.05	129787	25.2871 ng/ml
7-aminoclonazepam	4.258	1054499	246860.29	79.0	6784.73	192440	249.6589 ng/ml
a-hydroxyalprazolam	5.692	556351	278.55	71.6	1701.28	104488	227.0229 ng/ml
alpha-PHP	4.936	1612555	5582.15	257.1	9988.33	1084879	253.9041 ng/ml
alpha-PVP	4.369	7017286	13898.20	49.8	2547.22	1084879	245.3005 ng/ml
Alprazolam	5.769	2570593	1024.36	113.4	1195.95	416073	254.1787 ng/ml
Amphetamine	3.060	7234806	13619.65	45.1	27350.70	537824	211.5638 ng/ml
Benzoylcegonine	3.876	171409	12293.34	35.7	5177.66	23013	255.1328 ng/ml
Bromazolam	5.807	796348	11472.64	123.7	805174.82	169043	237.8538 ng/ml
Buprenorphine	5.888	162393	136661.58	15.1	36190.70	249185	25.9961 ng/ml
Bupropion	4.792	6554206	679349.04	68.9	34827.72	807814	251.9111 ng/ml
Carisoprodol	5.723	1583640	403409.29	62.2	1837.37	291794	248.2883 ng/ml
Citalopram	5.227	4249665	85694.23	36.5	834.18	732782	250.0441 ng/ml
Clonazepam	5.604	2176736	27371.43	34.0	15023.01	122176	257.4839 ng/ml
Clonazolam	5.547	1572612	8356.31	36.1	678259.28	122176	232.8093 ng/ml
Cocaine	4.264	4372635	692.46	51.1	387.75	1413412	249.0749 ng/ml
Codeine	2.596	392079	1827.60	102.6	12206.50	100538	257.1606 ng/ml
Cyclobenzaprine	5.634	3031449	46858.48	8.3	468.64	515187	240.1062 ng/ml
Dextromethorphan	5.271	2684557	22780.11	78.5	18494.82	491633	247.9761 ng/ml
Dextrorphan	4.116	1958985	16832.01	213.3	4281.88	845904	248.6277 ng/ml
Diazepam	5.947	1810198	∞	90.0	1656.43	324269	254.7800 ng/ml
Dihydrocodeine	2.568	1388353	21163.02	62.0	414.44	365677	241.1108 ng/ml
Diphenhydramine	5.298	12974792	71426.86	29.0	78370.30	2289818	253.3239 ng/ml
Doxylamine	4.538	13959570	12348.25	95.4	4806.54	2264461	259.3329 ng/ml
Duloxetine	5.653	128540	2976.32	13.3	10555.53	28382	245.4818 ng/ml
EDDP	5.263	6064178	76438.84	42.3	28711.56	1213843	249.2204 ng/ml
Etizolam	5.814	997786	1934.81	28.1	644.08	122176	232.4707 ng/ml
Fentanyl	5.110	413473	256612.91	80.6	390.60	907697	24.3468 ng/ml
Fluorofentanyl	5.164	1002734	15270.03	38.7	2796.94	6658	26.8171 ng/ml
Fluoxetine	5.714	1481812	22046.52	7.5	1627.65	220493	244.1259 ng/ml
Hydrocodone	3.023	1998522	∞	34.0	435.88	476585	236.3915 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.629	1596536	11430185.43	74.8	11457.54	207455	244.9623 ng/ml
Hydroxyzine	5.717	4099775	26888.20	82.2	458309.42	491633	247.3529 ng/ml
Ketamine	4.048	3303669	42023.87	36.2	999.33	645088	245.5159 ng/ml
Lamotrigine	4.287	288410	28638.68	88.4	28426.39	1697753	226.4721 ng/ml
Lorazepam	5.740	822294	18273.79	49.3	741.17	283647	227.4652 ng/ml
MDA	3.194	3797001	23627.31	32.2	10002.73	587549	246.6611 ng/ml
MDMA	3.295	4043346	12022.84	97.3	95098.90	182850	245.6597 ng/ml
Meprobamate	4.896	1065829	17341.36	32.3	11674.99	235265	234.7705 ng/ml
Methadone	5.659	9017437	2763.10	44.5	54614.53	1242469	252.9934 ng/ml
Methamphetamine	3.222	9344312	109029.85	37.6	29548.03	1490004	246.4422 ng/ml
Metoprolol	4.326	1059399	882883.29	104.8	6040.85	1974763	231.3260 ng/ml
Mirtazapine	4.634	9272997	1355461.66	47.6	54091.28	1084879	236.2061 ng/ml
Mitragynine	5.245	1395277	1288417.30	37.3	525153.10	1242469	238.2855 ng/ml
Morphine	1.274	297841	3423.63	29.3	8464.23	22261	247.1341 ng/ml
Norbuprenorphine	4.999	17957	8300.99	99.6	54294.63	39012	24.0972 ng/ml
Nordiazepam	5.894	1438896	1060.90	60.5	32952.22	184599	261.7982 ng/ml
Norfentanyl	4.083	620564	78121.38	38.9	512.81	929524	25.2927 ng/ml
Norhydrocodone	3.070	462291	816.82	38.2	169.47	122825	227.7359 ng/ml
Noroxycodone	2.920	1214096	1024.62	47.5	598.06	172636	243.5171 ng/ml
O-desmethyl-tramadol	3.369	10957489	122785.55	5.8	16766.48	2342713	256.4317 ng/ml
o-desmethylvenlafaxine	4.068	10678223	77478.50	16.7	3449.50	344013	247.7585 ng/ml
Olanzapine	4.503	802850	4995.07	52.8	3161.51	74383	241.7826 ng/ml
Oxazepam	5.749	1340887	20129.31	73.0	21017.90	283647	253.5872 ng/ml
Oxycodone	2.845	3990231	1176.68	28.1	9247.83	607663	250.3126 ng/ml
Oxymorphone	1.426	1220259	∞	43.7	∞	181868	252.5583 ng/ml
Phentermine	3.778	1790824	∞	7.2	1393.06	963815	244.4312 ng/ml
Promethazine	5.550	5832984	1596.11	31.8	973.68	954103	251.2022 ng/ml
Pseudoephedrine	2.599	10645502	101074.72	16.5	307.05	1697753	250.6413 ng/ml
Quetiapine	5.574	6133527	303685.74	59.3	154935.45	324308	243.6165 ng/ml
Sertraline	5.782	213680	225.97	98.6	141.52	39404	237.7896 ng/ml
Temazepam	5.824	3220634	546.72	27.2	342.77	583517	245.5311 ng/ml
Tramadol	4.238	8771700	∞	3.8	262.58	1974763	232.8021 ng/ml
Trazodone	5.191	7241860	226410.48	66.0	4968872.68	1074820	242.8148 ng/ml
Venlafaxine	5.044	8831020	65684.58	36.1	36247.25	1955517	259.0263 ng/ml
Xylazine	4.076	3162253	127835.00	50.5	4118.56	442525	253.1681 ng/ml
Zolpidem	4.947	9785174	6420.71	27.1	1493.37	1535920	256.4800 ng/ml



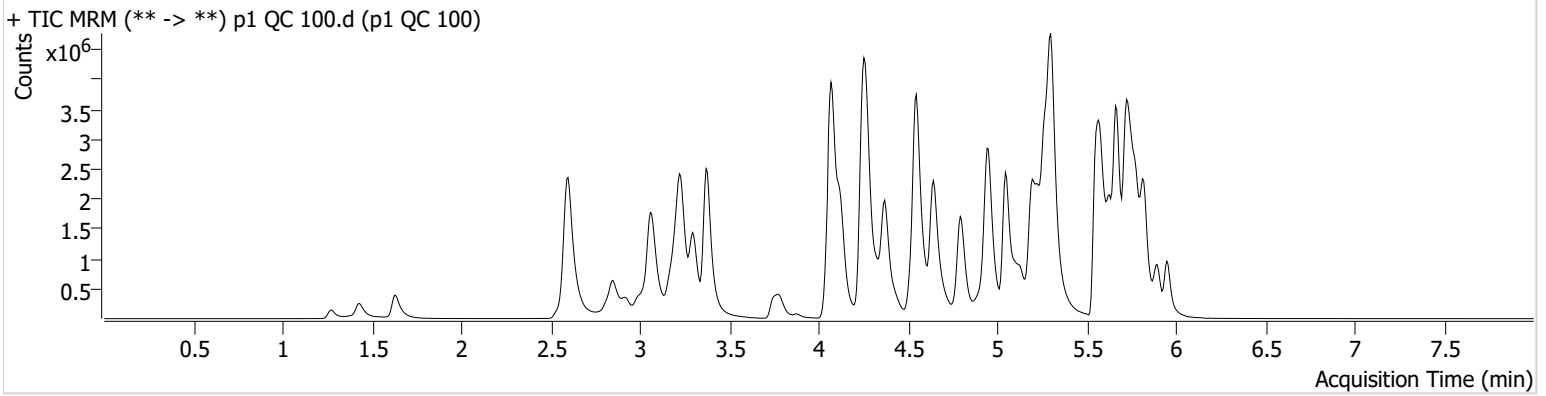
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-B2 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 10:08:33 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	46801	66935.59	76.4	1435.10	147073	9.9085 ng/ml
7-aminoclonazepam	4.258	728922	129087.01	78.9	15390.45	310466	106.5914 ng/ml
a-hydroxyalprazolam	5.692	316634	981.50	71.2	591.80	141474	95.8803 ng/ml
alpha-PHP	4.943	765145	2649.51	262.7	1203.81	1204796	108.1352 ng/ml
alpha-PVP	4.369	3099929	837.84	49.4	456.64	1204796	97.8160 ng/ml
Alprazolam	5.769	1270507	∞	114.9	∞	528738	99.3605 ng/ml
Amphetamine	3.067	4045046	2040.38	45.0	435.90	635130	99.7549 ng/ml
Benzoylcegonine	3.876	69061	202235.04	37.0	328.13	24669	96.0071 ng/ml
Bromazolam	5.807	465077	2290.92	123.9	491935.86	233771	100.4235 ng/ml
Buprenorphine	5.895	76141	21762.07	15.1	10502.41	283690	10.6541 ng/ml
Bupropion	4.792	2885610	1434453.77	68.1	17672.47	885329	101.2709 ng/ml
Carisoprodol	5.723	884482	303.50	60.0	4398.38	402242	100.5412 ng/ml
Citalopram	5.227	2166366	102984.96	36.0	160657.12	933708	100.3407 ng/ml
Clonazepam	5.611	1207090	1864.83	34.7	1368.84	166383	104.6408 ng/ml
Clonazolam	5.547	870506	68128.71	35.2	479127.71	166383	94.3219 ng/ml
Cocaine	4.271	2042023	2393887.14	50.9	165070.92	1628576	101.0688 ng/ml
Codeine	2.596	209837	76.24	104.3	10488.11	124495	110.7550 ng/ml
Cyclobenzaprine	5.634	2214084	910487.89	8.4	2600.07	926922	97.9134 ng/ml
Dextromethorphan	5.277	1500253	35550.92	78.9	36444.77	681002	100.1793 ng/ml
Dextrorphan	4.123	926153	829.79	214.0	26347.65	1016626	97.9347 ng/ml
Diazepam	5.947	944426	∞	89.8	1009.67	416843	103.4637 ng/ml
Dihydrocodeine	2.568	672677	∞	61.9	9425.98	393963	108.0453 ng/ml
Diphenhydramine	5.305	6273885	129652.43	29.3	171720.94	2892040	97.2851 ng/ml
Doxylamine	4.545	6002810	117045.06	97.0	2552.55	2538243	99.9356 ng/ml
Duloxetine	5.653	191216	1946.38	12.7	2203.10	101638	102.0408 ng/ml
EDDP	5.263	2770569	52129.68	43.1	54857.50	1412315	98.1152 ng/ml
Etizolam	5.814	497553	8215.89	27.9	698.86	166383	85.1957 ng/ml
Fentanyl	5.110	228506	133968.95	78.6	781.47	1225805	9.9953 ng/ml
Fluorofentanyl	5.171	606038	636.55	38.5	7016.46	10068	10.7054 ng/ml
Fluoxetine	5.720	1969618	67375.10	7.5	180491.80	717419	99.7247 ng/ml
Hydrocodone	3.029	891476	∞	35.1	637.38	510397	98.2293 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.629	715440	2437782.75	74.1	508.70	226688	100.4899 ng/ml
Hydroxyzine	5.717	2249603	54034.01	80.5	1417.39	681002	98.3871 ng/ml
Ketamine	4.056	1638066	1017.76	37.0	7860.18	750867	104.1993 ng/ml
Lamotrigine	4.287	163203	4747.24	86.0	183594.08	2154572	100.6185 ng/ml
Lorazepam	5.747	635344	12008.12	51.6	334.93	513871	96.4430 ng/ml
MDA	3.201	2208873	4789.29	32.9	34784.52	785416	106.8702 ng/ml
MDMA	3.295	1898340	3871511.73	96.1	7832.04	213895	98.8514 ng/ml
Meprobamate	4.902	579306	438.24	33.0	4792.40	284635	104.9477 ng/ml
Methadone	5.666	4355823	2450.64	44.9	59274.16	1574521	96.8131 ng/ml
Methamphetamine	3.229	4256495	1304.82	39.4	8432.96	1582303	105.1916 ng/ml
Metoprolol	4.326	523475	710563.60	105.1	65580.01	2140875	105.0209 ng/ml
Mirtazapine	4.641	4519051	147471.69	49.0	1287901.00	1204796	103.8723 ng/ml
Mitragynine	5.245	812020	916975.58	37.9	324677.94	1574521	109.4839 ng/ml
Morphine	1.274	139545	32726.64	30.4	5712.72	25478	100.9859 ng/ml
Norbuprenorphine	4.999	8976	8107.35	100.2	10430.90	46918	9.9756 ng/ml
Nordiazepam	5.894	861583	664.99	60.4	17328.29	276975	104.3892 ng/ml
Norfentanyl	4.090	358952	293.80	37.3	327.44	1355003	10.0616 ng/ml
Norhydrocodone	3.070	199104	∞	37.5	151.58	142659	85.2682 ng/ml
Noroxycodone	2.920	599175	∞	47.9	7896.98	207496	99.9648 ng/ml
O-desmethyl-tramadol	3.376	4662702	323286.57	5.9	654.38	2575812	99.5271 ng/ml
o-desmethylvenlafaxine	4.068	5543479	255901.78	16.6	5812.98	452624	98.0584 ng/ml
Olanzapine	4.503	636389	1419.51	49.1	58952.52	132659	107.1074 ng/ml
Oxazepam	5.749	1048380	5108.84	71.5	10113.56	513871	109.3662 ng/ml
Oxycodone	2.845	1781509	2319.00	27.9	∞	666657	101.8693 ng/ml
Oxymorphone	1.426	553666	∞	43.9	∞	206859	100.6826 ng/ml
Phentermine	3.785	879381	3767.56	7.4	1822.78	1079217	106.6521 ng/ml
Promethazine	5.550	3934730	1599.15	32.8	677.17	1659958	97.8149 ng/ml
Pseudoephedrine	2.599	5136588	171029.94	16.7	128991.76	2154572	95.7171 ng/ml
Quetiapine	5.574	3070164	29377.39	58.8	1908363.56	397162	99.8247 ng/ml
Sertraline	5.789	524909	651.76	97.3	426.02	237405	97.1175 ng/ml
Temazepam	5.817	2023179	771.35	27.1	1344.16	882830	102.1324 ng/ml
Tramadol	4.245	4014401	∞	3.8	108.81	2140875	98.2927 ng/ml
Trazodone	5.191	3851119	2363121.29	63.8	1841093.90	1341610	102.8807 ng/ml
Venlafaxine	5.044	3696721	100992.29	38.2	2349.32	2212826	96.3376 ng/ml
Xylazine	4.076	1557069	410167.17	48.8	5292.97	536977	102.7769 ng/ml
Zolpidem	4.947	4434538	456979.04	27.9	10273.30	1722974	103.5666 ng/ml



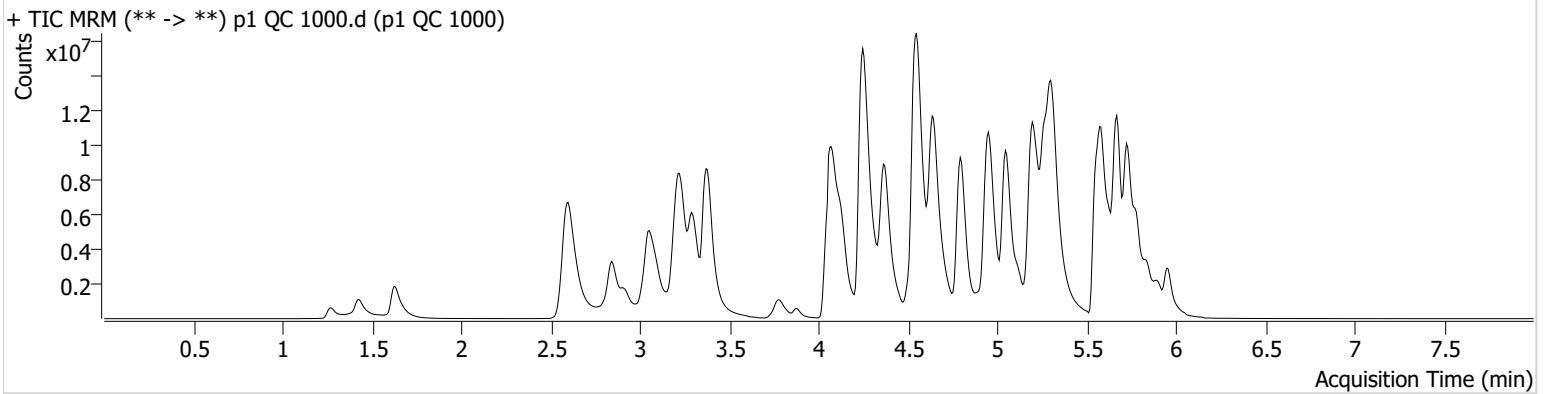
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-D2 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 12:34:27 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	320319	2048.31	69.1	424162.76	93248	106.8631 ng/ml
7-aminoclonazepam	4.258	1083857	11720.56	79.2	4862.37	67738	730.2793 ng/ml
a-hydroxyalprazolam	5.692	742339	∞	67.9	∞	32170	981.2421 ng/ml
alpha-PHP	4.936	3677067	21681.19	261.2	38837.76	741668	848.3154 ng/ml
alpha-PVP	4.369	20112294	∞	50.3	346601.80	741668	1027.1349 ng/ml
Alprazolam	5.775	4768658	179.97	110.6	249.94	188839	1036.3764 ng/ml
Amphetamine	3.053	13231292	17855.43	44.4	24535.17	395783	526.9319 ng/ml
Benzoylcegonine	3.876	653664	711.68	35.7	5458.68	22221	1007.0703 ng/ml
Bromazolam	5.807	1339016	945574.21	126.1	678205.44	68615	985.4369 ng/ml
Buprenorphine	5.895	509406	348339.62	15.0	109139.35	211172	96.4649 ng/ml
Bupropion	4.792	19689831	227805.56	67.7	279846.76	635221	962.0571 ng/ml
Carisoprodol	5.730	1769799	68253.22	61.3	21030.93	85379	948.5669 ng/ml
Citalopram	5.227	7969190	∞	35.5	62626.55	326953	1049.2848 ng/ml
Clonazepam	5.611	2451228	24497.12	35.0	2593.84	37138	954.8302 ng/ml
Clonazolam	5.540	1790156	833763.66	36.5	297912.08	37138	873.2644 ng/ml
Cocaine	4.264	10804739	200258.91	50.3	658.53	848298	1024.8455 ng/ml
Codeine	2.589	816921	6810.13	100.2	1729.90	63304	852.5458 ng/ml
Cyclobenzaprine	5.634	7671146	73799.49	7.7	335.58	298690	1045.4776 ng/ml
Dextromethorphan	5.277	5309996	130983.58	76.7	86558.82	233190	1033.3875 ng/ml
Dextrorphan	4.123	4471212	95755.69	219.1	261721.35	465982	1029.4656 ng/ml
Diazepam	5.954	4351847	2670.51	89.2	9994.12	192312	1032.4872 ng/ml
Dihydrocodeine	2.554	3406143	45052.09	63.2	42290.27	301451	718.9618 ng/ml
Diphenhydramine	5.305	28781779	570308.45	30.1	188962.97	1260974	1018.9747 ng/ml
Doxylamine	4.545	39602449	330211.50	95.6	218619.80	1681875	988.5088 ng/ml
Duloxetine	5.653	213761	842.59	12.9	425.89	10452	1108.1012 ng/ml
EDDP	5.263	18672535	161016.61	40.3	189523.62	858871	1083.1485 ng/ml
Etizolam	5.814	2242994	74821.06	28.2	9597.02	37138	1718.4674 ng/ml
Fentanyl	5.110	1526049	27485.72	76.6	7244533.54	737208	110.4497 ng/ml
Fluorofentanyl	5.164	2915679	112633.30	40.7	4443.45	5745	90.4128 ng/ml
Fluoxetine	5.720	2843132	39393.52	7.4	2161.10	108557	951.4048 ng/ml
Hydrocodone	3.023	5897736	702.01	36.9	521.11	366992	907.0491 ng/ml

AM #28 Multi-Drug Quant. Results

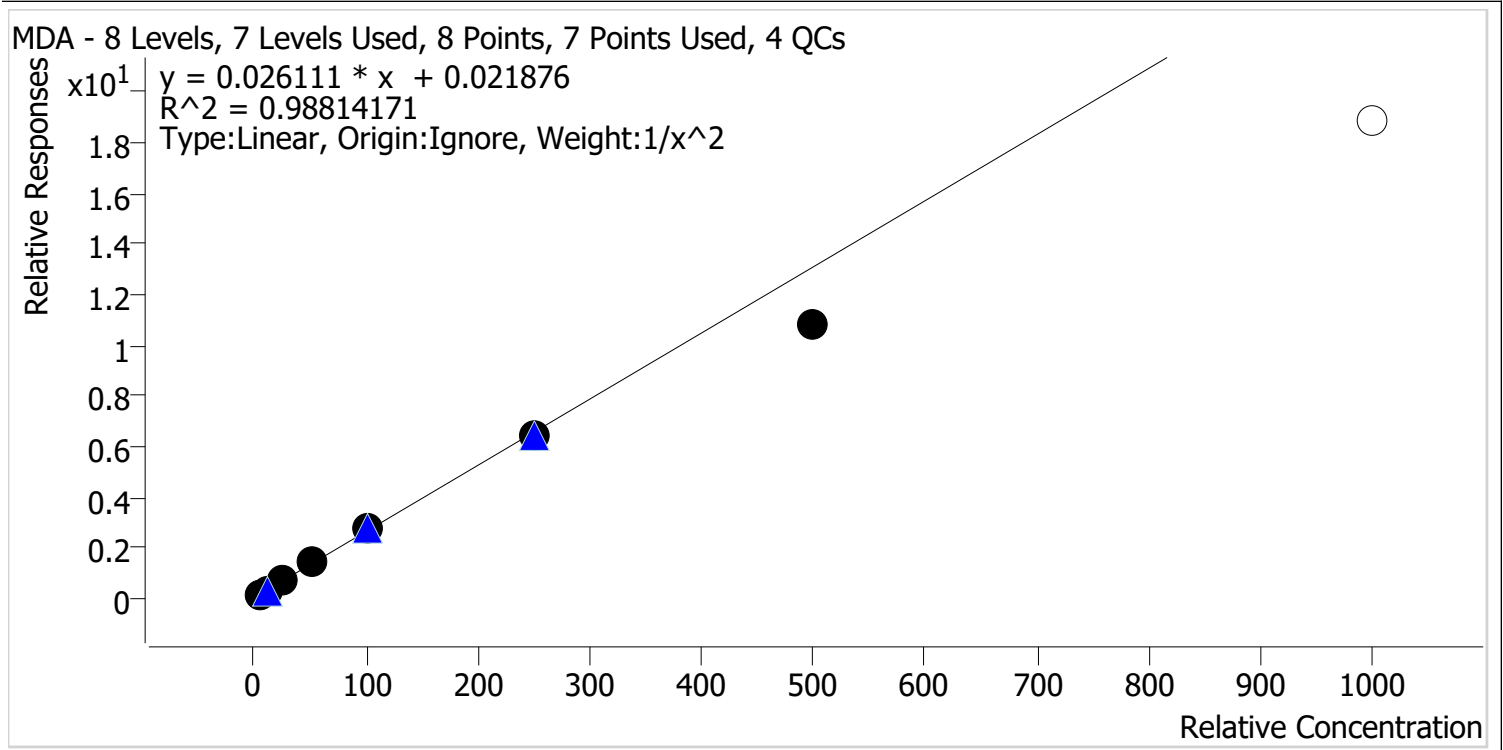


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.629	4757977	12814451.48	74.7	3647144.25	153835	984.3300 ng/ml
Hydroxyzine	5.717	10304932	242852.42	85.3	182708.98	233190	1307.9237 ng/ml
Ketamine	4.041	6384085	664635.69	36.8	28646.07	431967	709.7850 ng/ml
Lamotrigine	4.293	407012	567.80	93.6	218424.48	935832	580.8398 ng/ml
Lorazepam	5.747	772347	24425.55	48.6	3754.34	60719	1001.4056 ng/ml
MDA	3.187	5997260	130440.62	30.8	70712.74	308851	742.8331 ng/ml
MDMA	3.295	10345746	7455.18	96.3	119057.95	108012	1062.6711 ng/ml
Meprobamate	4.896	1846016	56723.69	31.3	17003.63	149459	641.7096 ng/ml
Methadone	5.666	22592130	192253.98	46.5	1242.79	796683	986.7363 ng/ml
Methamphetamine	3.222	22606282	169432.94	36.6	82864.87	1255512	709.2601 ng/ml
Metoprolol	4.326	2077334	1417158.13	104.3	7397.91	1244131	721.5867 ng/ml
Mirtazapine	4.641	25582591	11526.09	47.8	321890.90	741668	952.0250 ng/ml
Mitragynine	5.239	2958885	515397.42	37.8	4190.26	796683	787.8442 ng/ml
Morphine	1.267	782849	1345.37	32.0	6323.18	16466	878.9660 ng/ml
Norbuprenorphine	4.999	52609	13335.25	96.9	43591.08	26080	105.8394 ng/ml
Nordiazepam	5.900	2184933	5701.29	60.5	3318.39	75541	971.8497 ng/ml
Norfentanyl	4.090	771327	2337.36	38.9	518.18	243827	119.6885 ng/ml
Norhydrocodone	3.070	1391786	∞	40.5	145.11	77533	1081.2305 ng/ml
Noroxycodone	2.914	3104978	658.97	47.7	1038.41	104872	1025.3217 ng/ml
O-desmethyl-tramadol	3.376	29725437	∞	6.2	150514.37	1590612	1023.1902 ng/ml
o-desmethylvenlafaxine	4.068	18866157	803191.55	16.8	34115.35	147001	1022.8361 ng/ml
Olanzapine	4.503	3396012	9016.84	60.4	8523.63	92146	827.1249 ng/ml
Oxazepam	5.749	1081008	17484.43	71.7	8898.83	60719	955.3907 ng/ml
Oxycodone	2.838	12192821	∞	27.4	6088.57	470277	988.3080 ng/ml
Oxymorphone	1.426	3449111	∞	44.9	274.65	133856	970.2355 ng/ml
Phentermine	3.778	4421973	∞	6.7	2255.87	713223	817.8714 ng/ml
Promethazine	5.550	17540022	3474.94	31.0	1999.70	684738	1050.3501 ng/ml
Pseudoephedrine	2.599	25682370	232743.35	16.0	136660.65	935832	1094.6851 ng/ml
Quetiapine	5.574	14240745	460777.63	61.2	161853.43	182720	1002.6027 ng/ml
Sertraline	5.782	497090	8541.15	95.9	292.86	21243	1025.1635 ng/ml
Temazepam	5.837	3991733	9166.61	27.6	2780.21	166682	1064.2936 ng/ml
Tramadol	4.238	21340585	7030.11	3.0	104.04	1244131	898.9145 ng/ml
Trazodone	5.191	17714785	750808.44	72.5	193759.76	935168	684.4541 ng/ml
Venlafaxine	5.044	24390243	∞	36.0	113468.56	1272522	1096.7176 ng/ml
Xylazine	4.070	8538999	253812.39	50.5	19080.21	297187	1017.7196 ng/ml
Zolpidem	4.947	25757199	376086.85	27.3	103299.37	1110854	933.6738 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

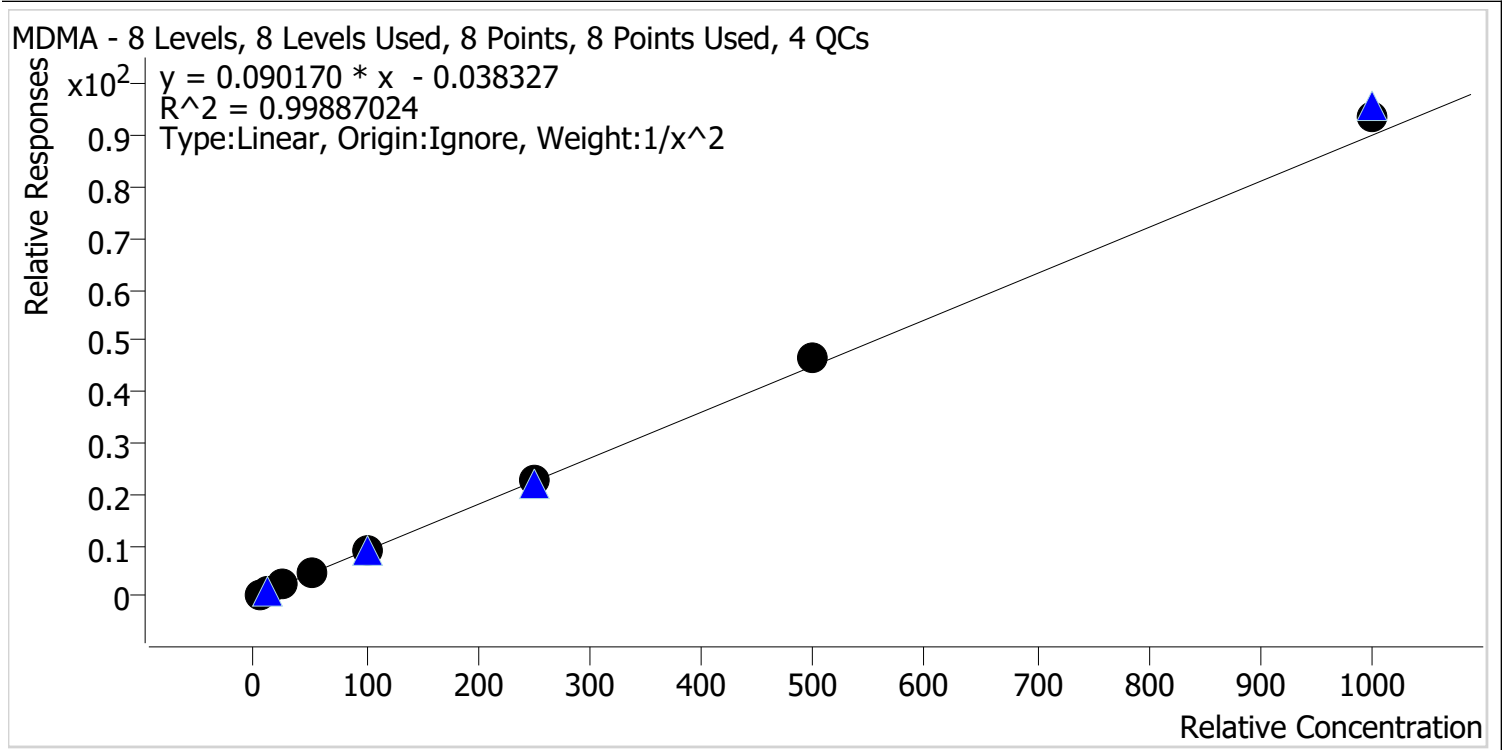


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	410.7	82.1
p1 Cal 8-1000ng	8	x	1000.0	721.0	72.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

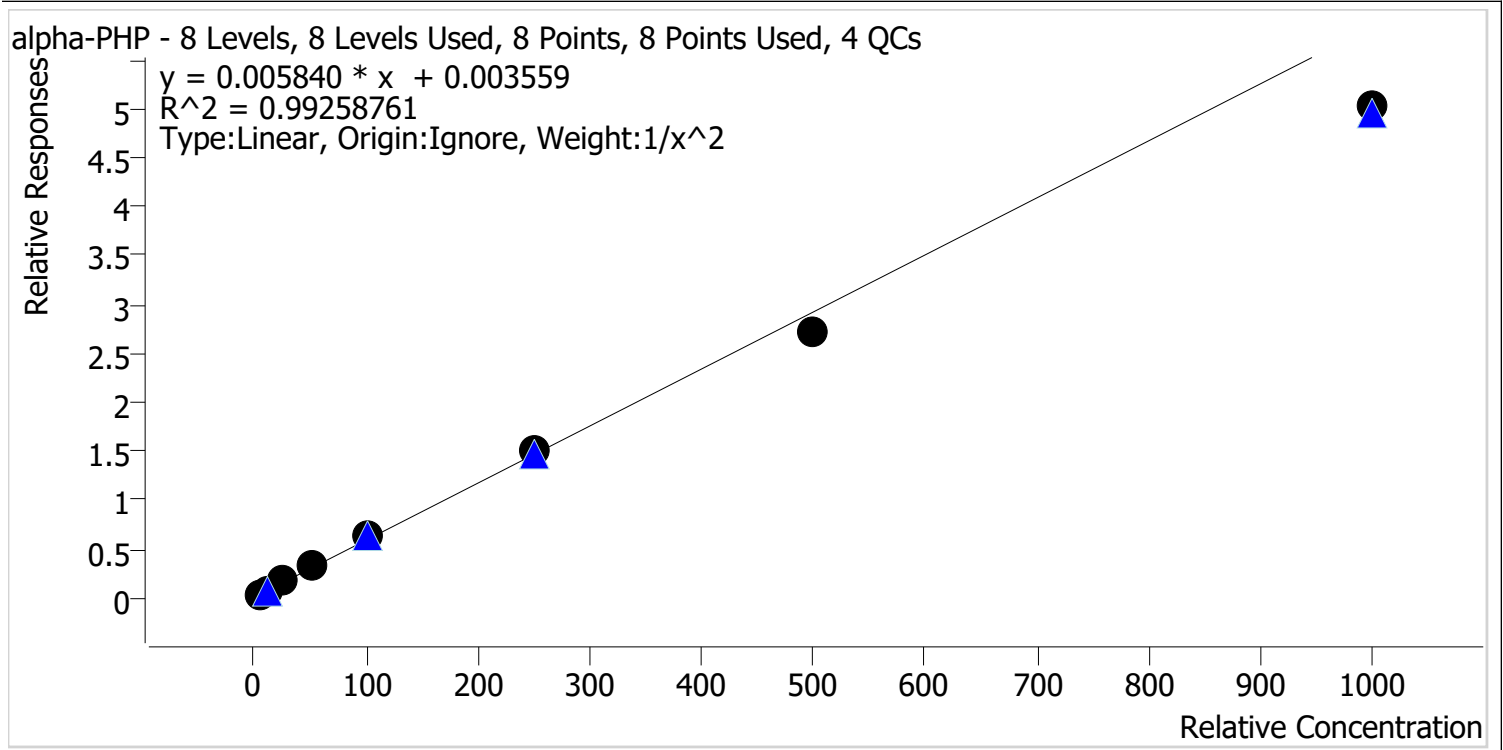


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	516.4	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1039.0	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

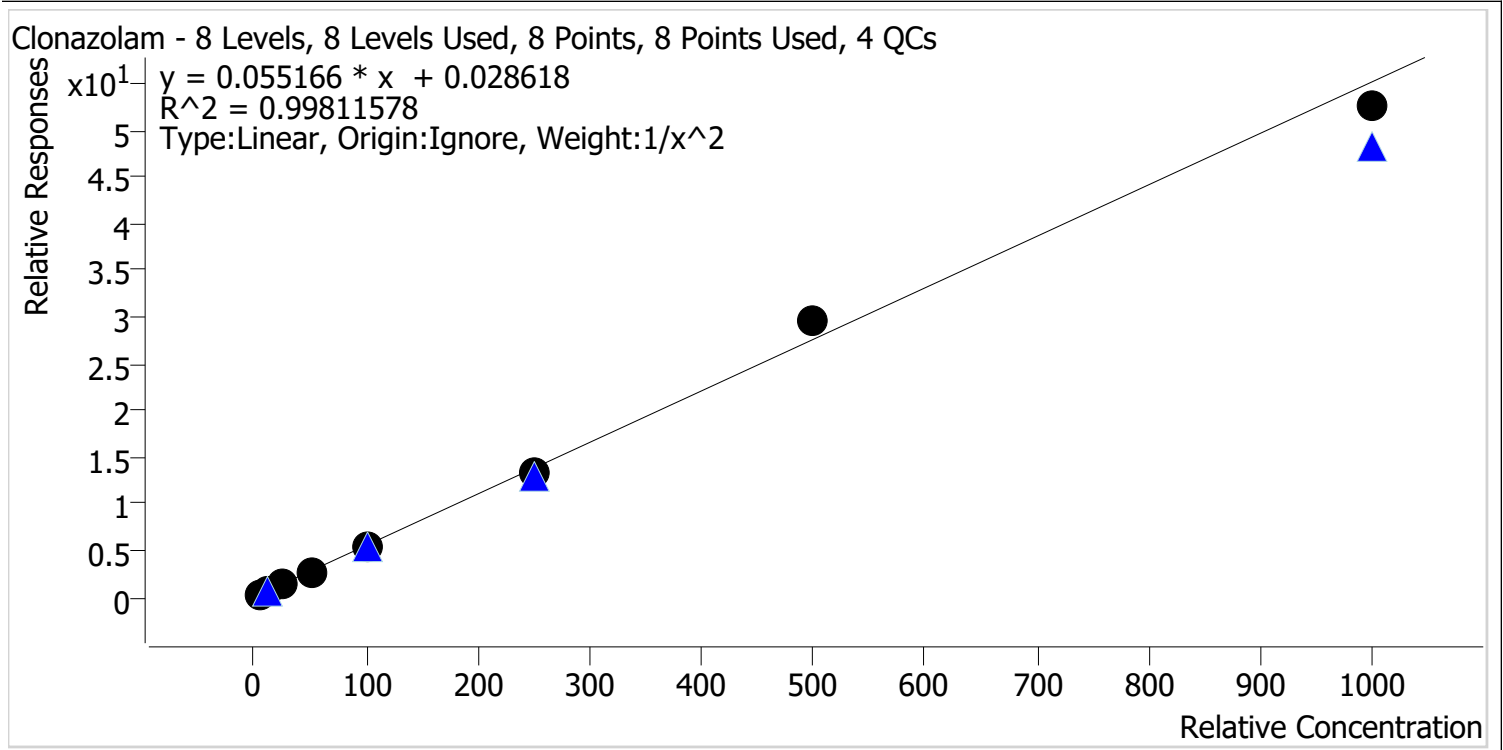


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	467.5	93.5
p1 Cal 8-1000ng	8	✓	1000.0	860.7	86.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

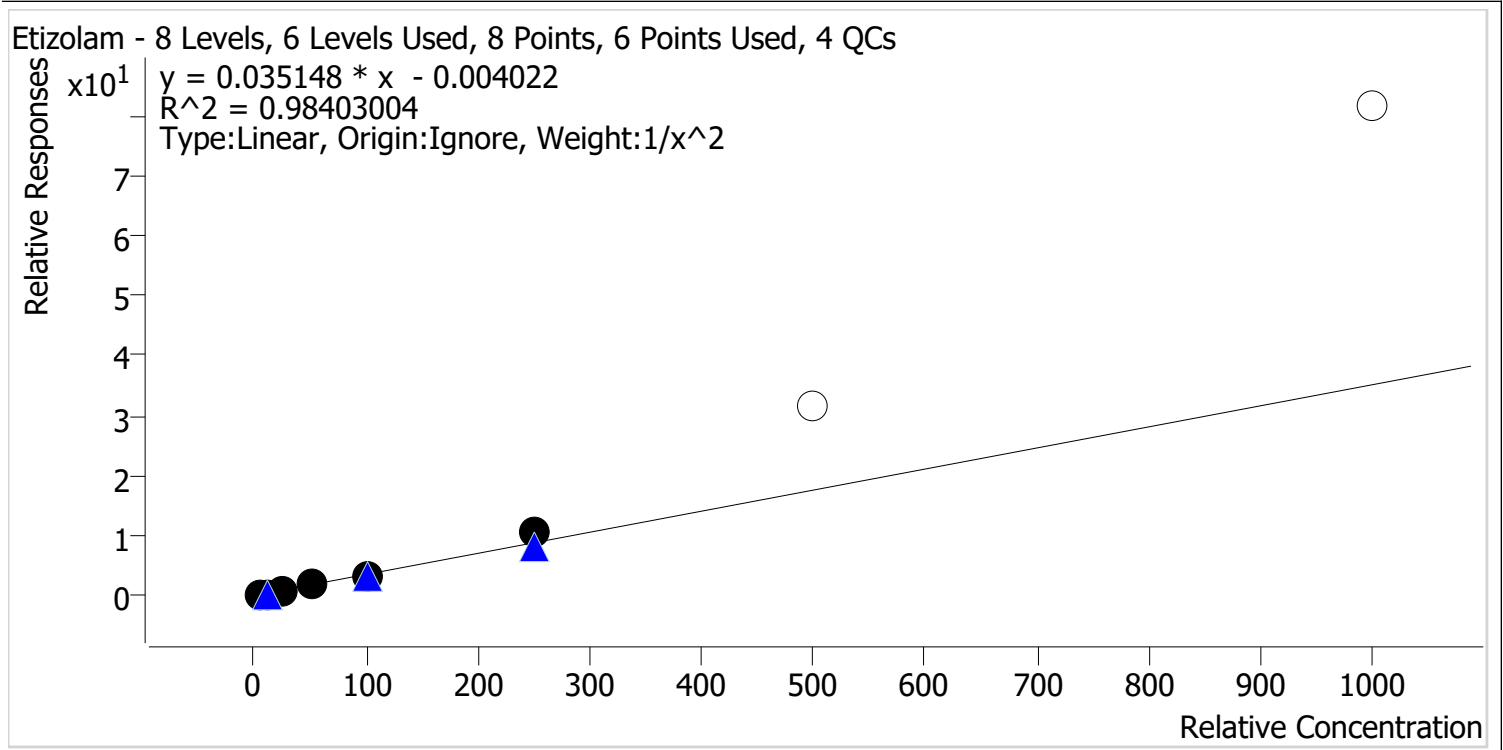


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	240.2	96.1
p1 Cal 7-500ng	7	✓	500.0	534.8	107.0
p1 Cal 8-1000ng	8	✓	1000.0	952.5	95.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

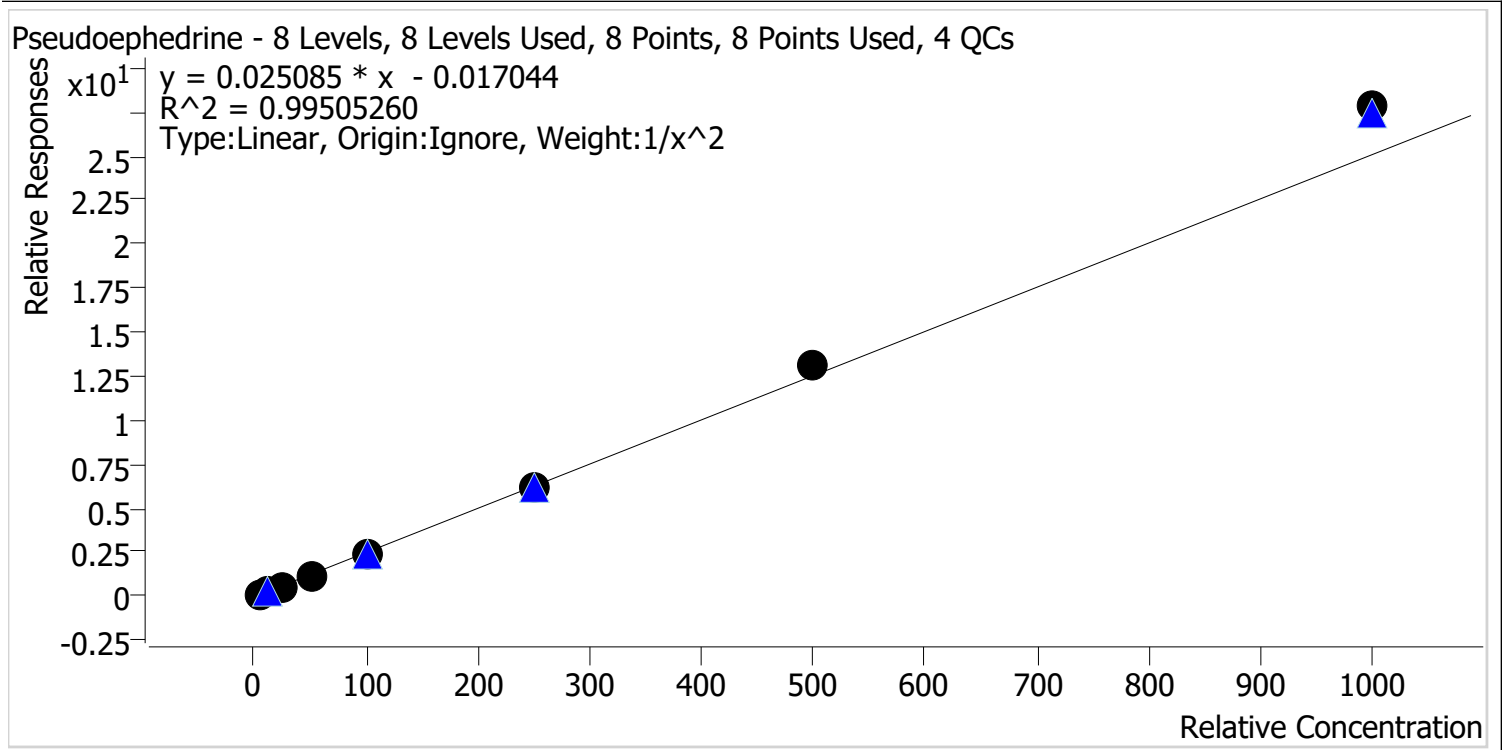


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	46.3	92.5
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	298.3	119.3
p1 Cal 7-500ng	7	✗	500.0	894.5	178.9
p1 Cal 8-1000ng	8	✗	1000.0	2321.8	232.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

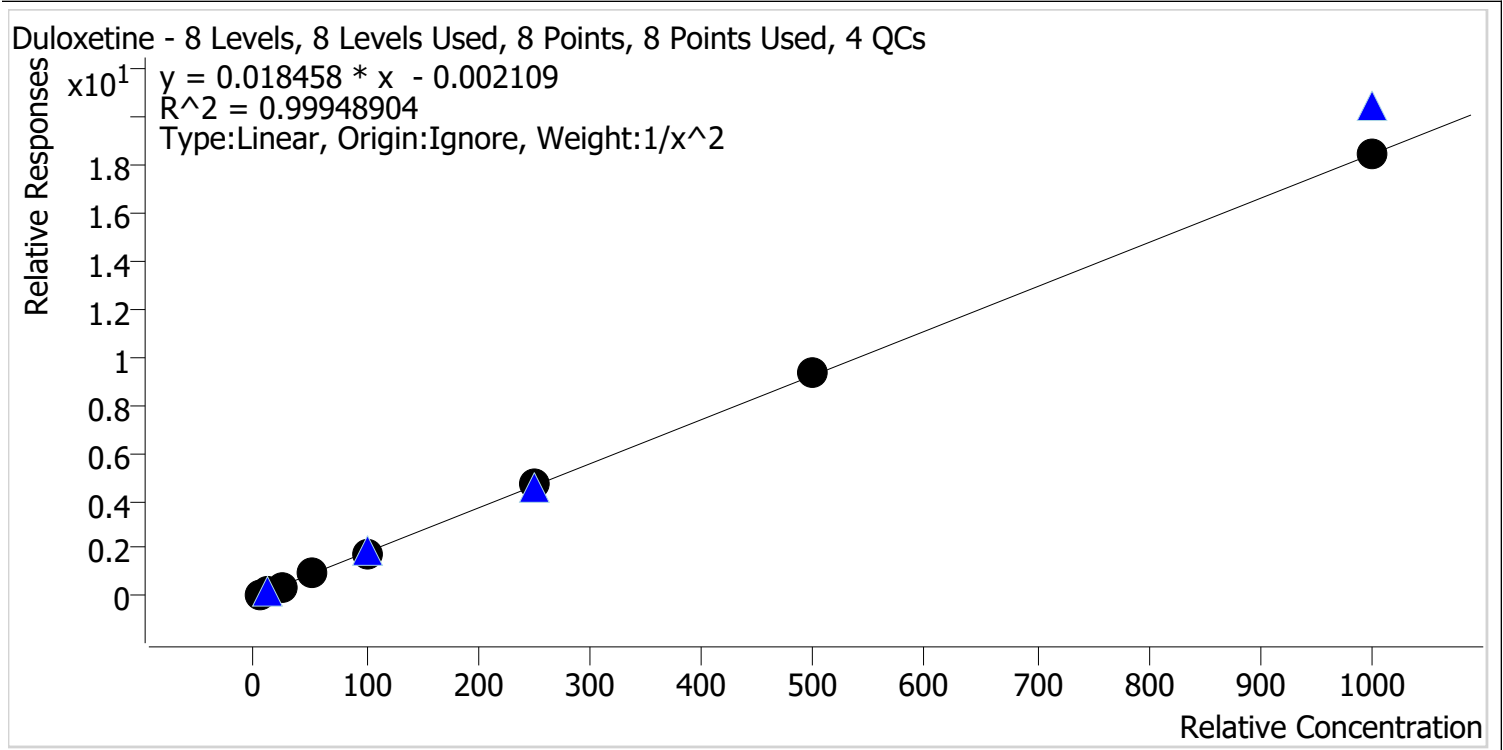


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	526.3	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1109.4	110.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

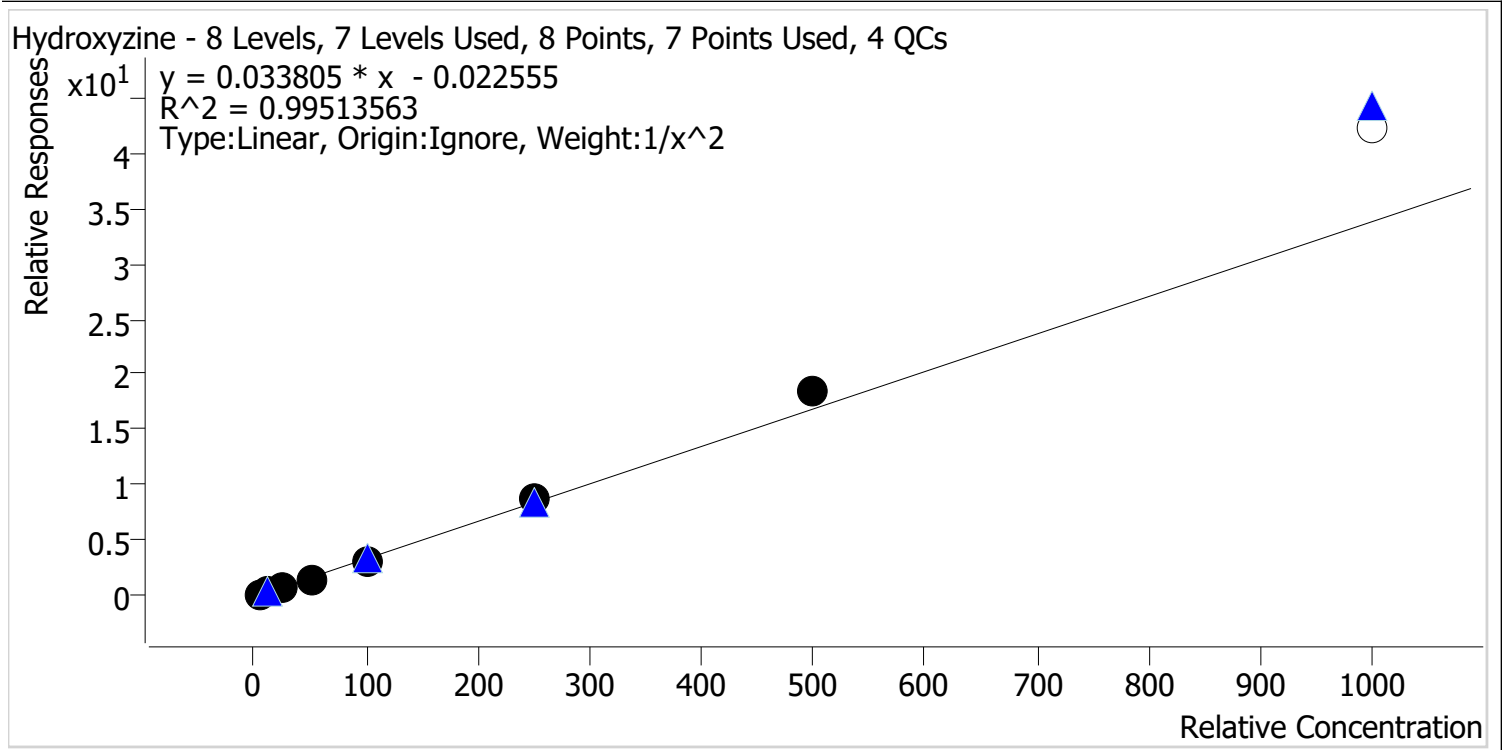


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	507.1	101.4
p1 Cal 8-1000ng	8	✓	1000.0	997.4	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

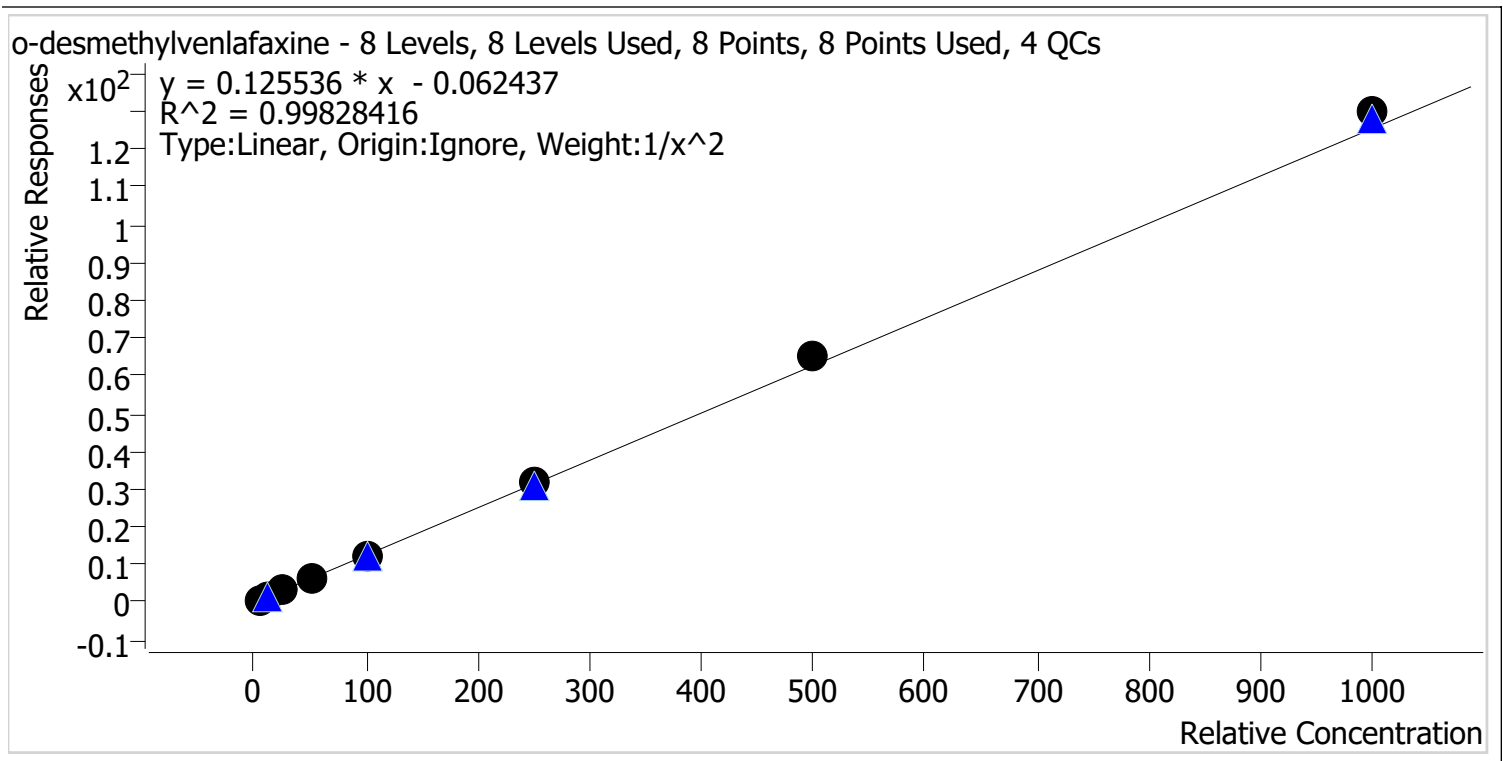


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	260.5	104.2
p1 Cal 7-500ng	7	✓	500.0	550.1	110.0
p1 Cal 8-1000ng	8	x	1000.0	1248.0	124.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

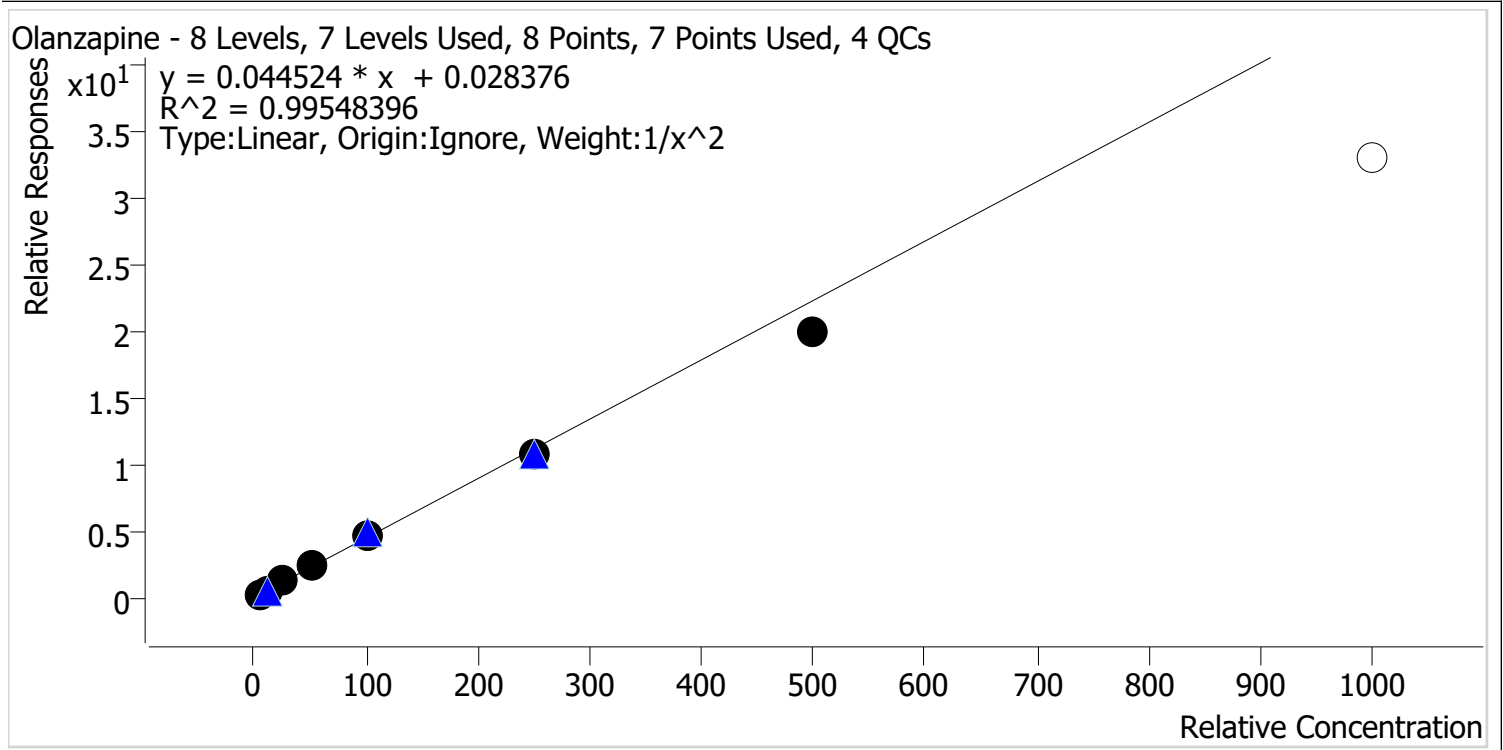


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	520.7	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1035.3	103.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

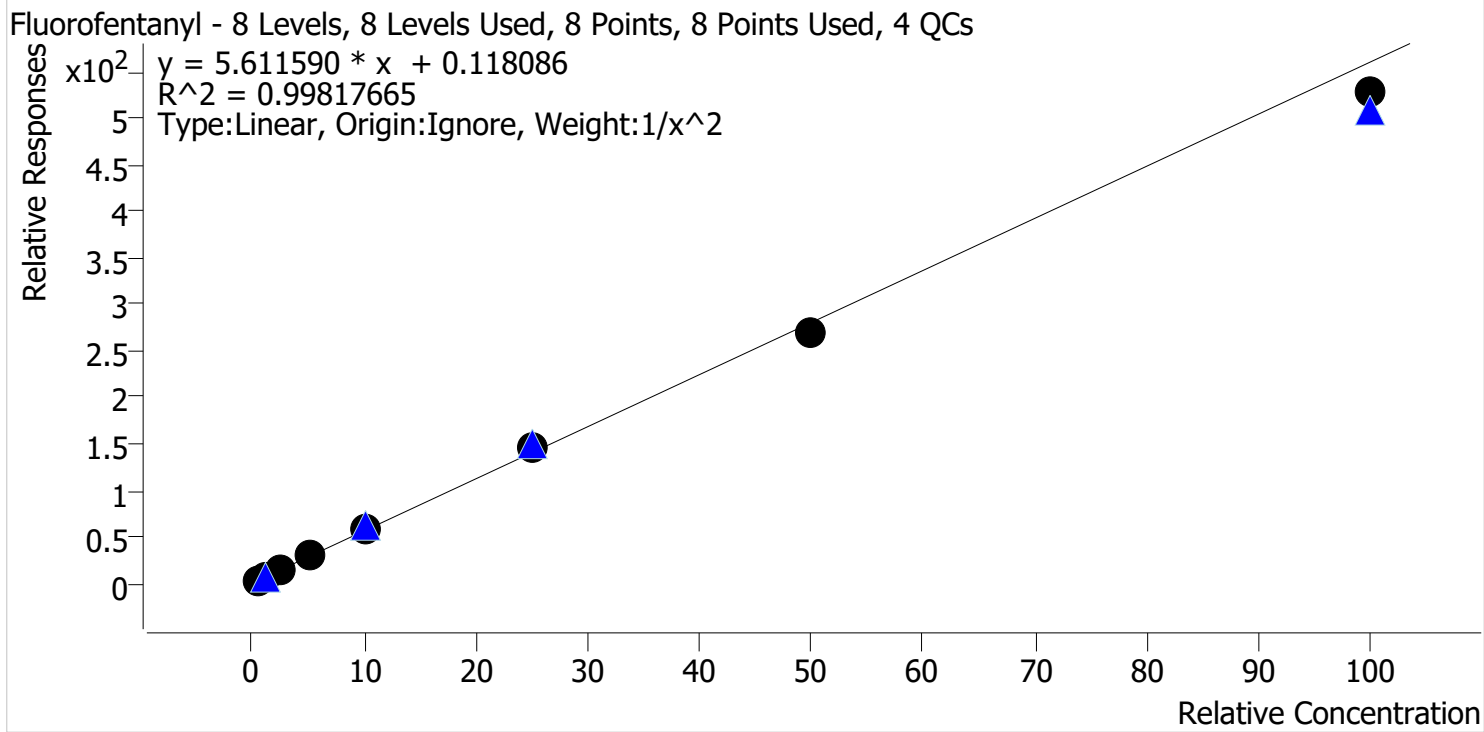


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	448.8	89.8
p1 Cal 8-1000ng	8	x	1000.0	740.9	74.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

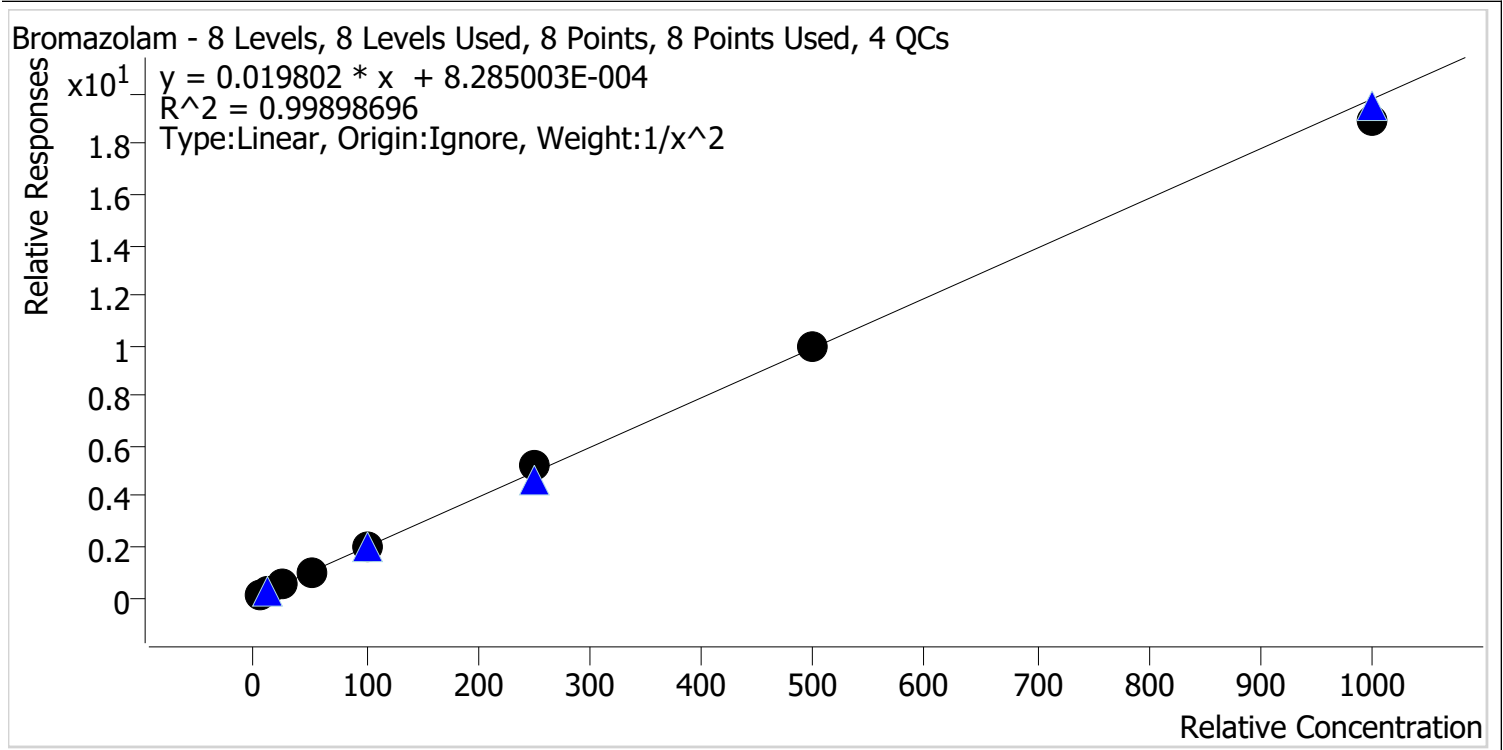


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.3
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.0
p1 Cal 4-50ng	4	✓	5.0	5.2	104.7
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	25.7	102.8
p1 Cal 7-500ng	7	✓	50.0	47.8	95.6
p1 Cal 8-1000ng	8	✓	100.0	94.2	94.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

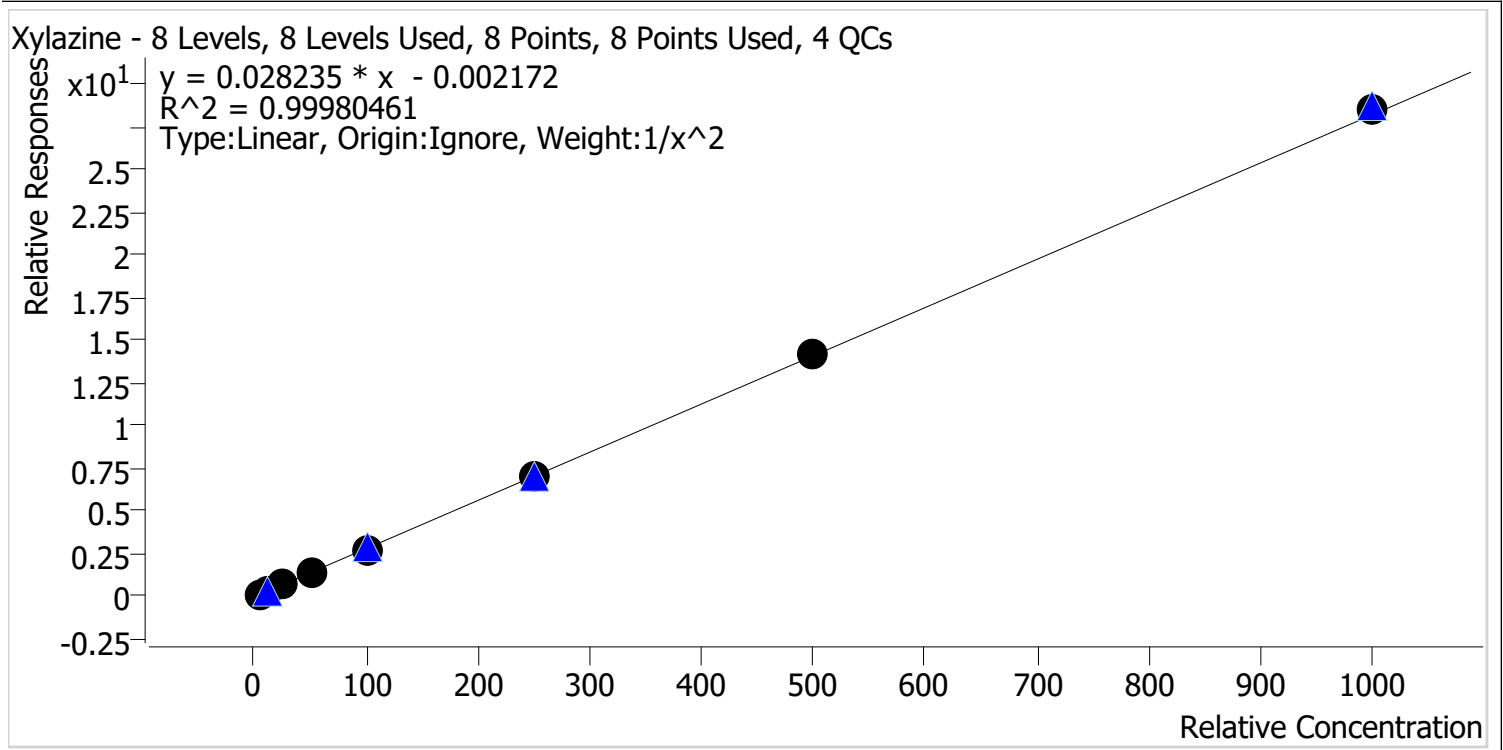


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	263.0	105.2
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	958.8	95.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6

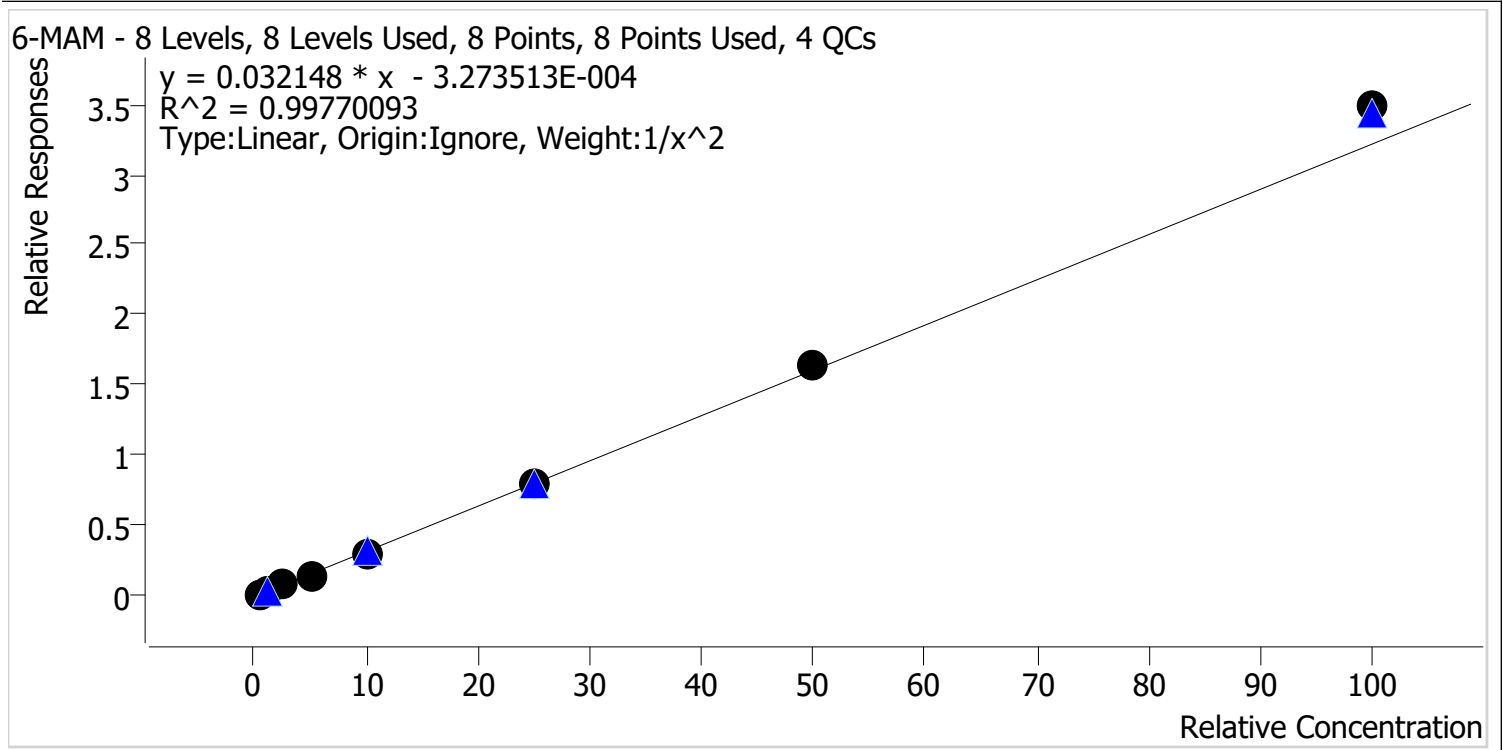


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	507.2	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1015.1	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

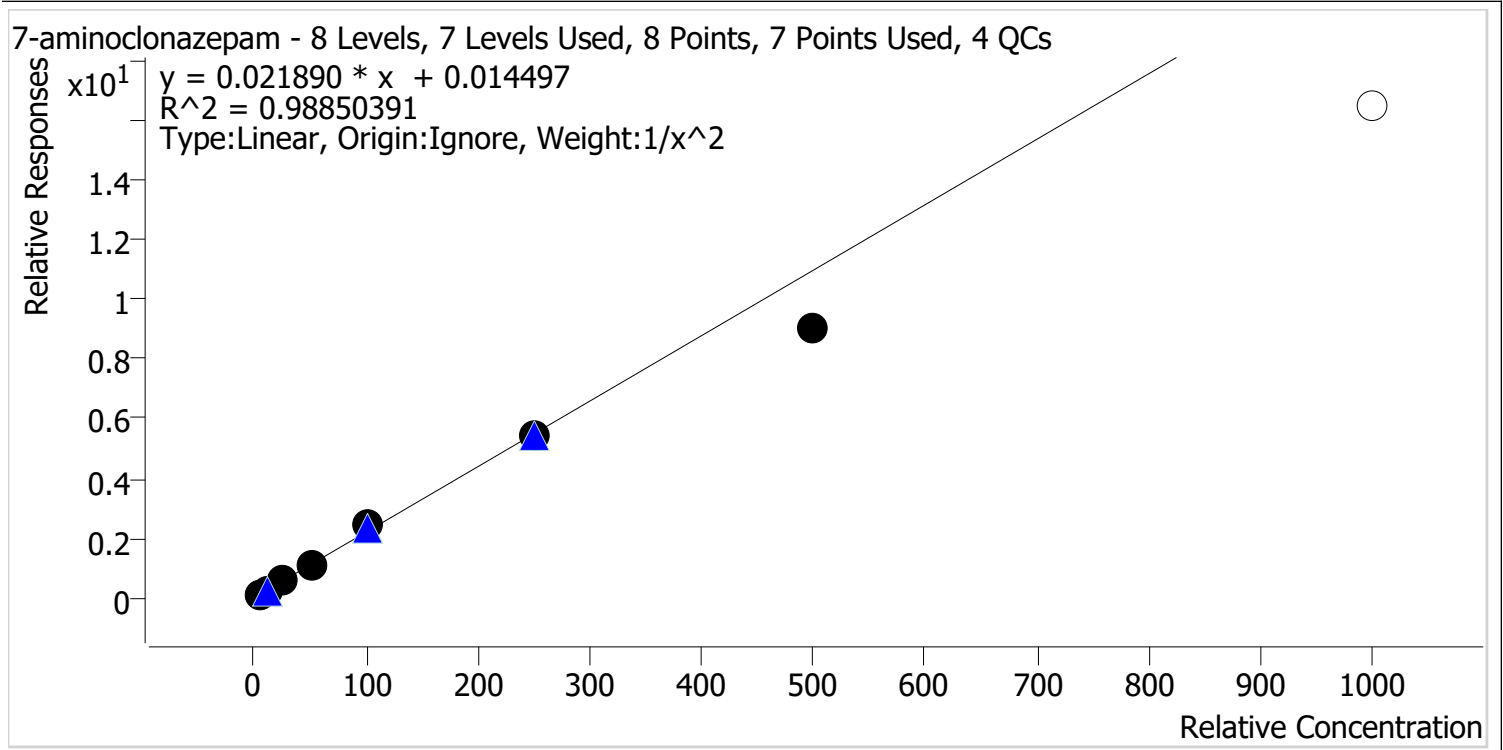


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng	2	✓	1.0	1.0	96.0
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.5
p1 Cal 4-50ng	4	✓	5.0	4.8	96.5
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	24.9	99.4
p1 Cal 7-500ng	7	✓	50.0	50.8	101.7
p1 Cal 8-1000ng	8	✓	100.0	108.3	108.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

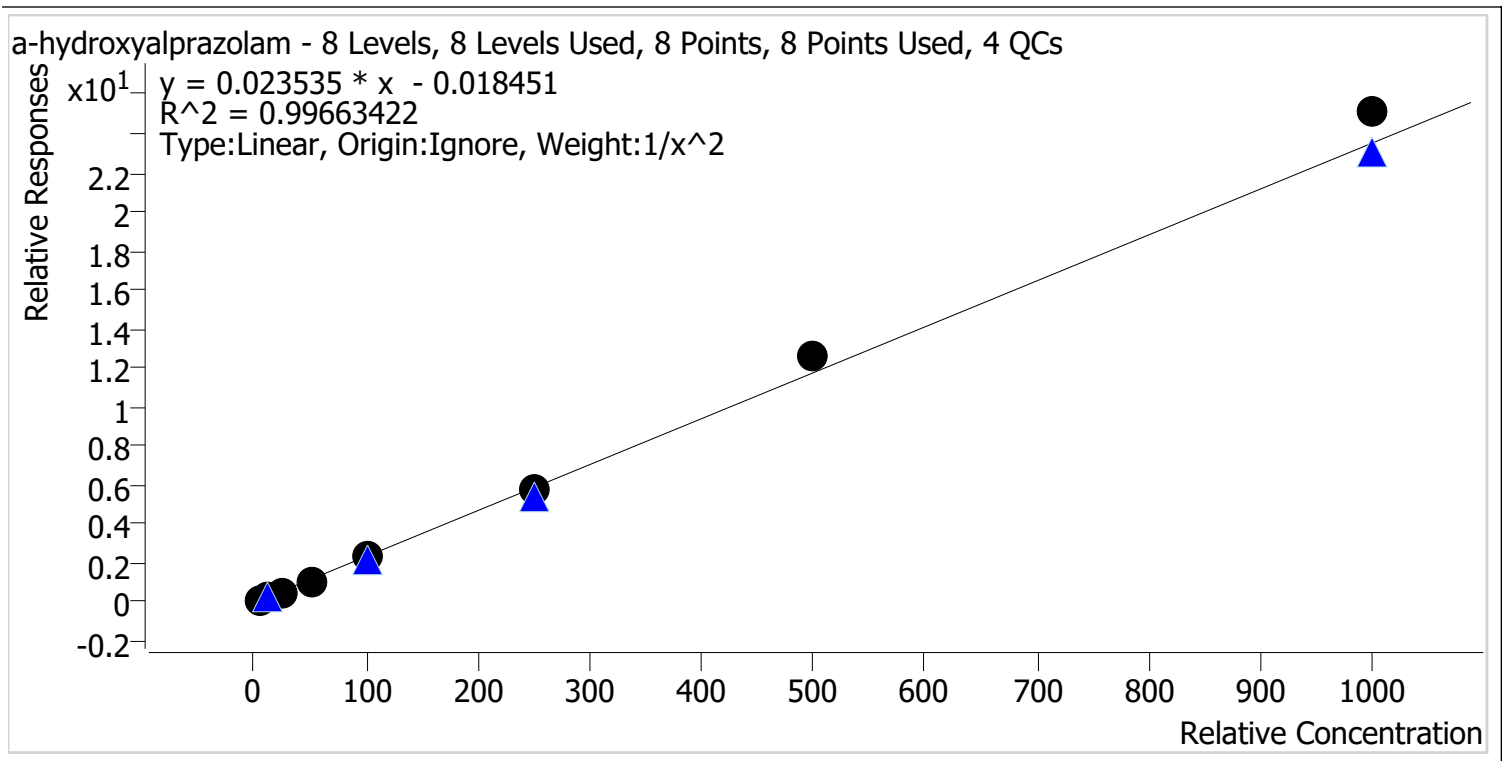


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	108.7	108.7
p1 Cal 6-250ng	6	✓	250.0	247.1	98.9
p1 Cal 7-500ng	7	✓	500.0	410.0	82.0
p1 Cal 8-1000ng	8	x	1000.0	750.4	75.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

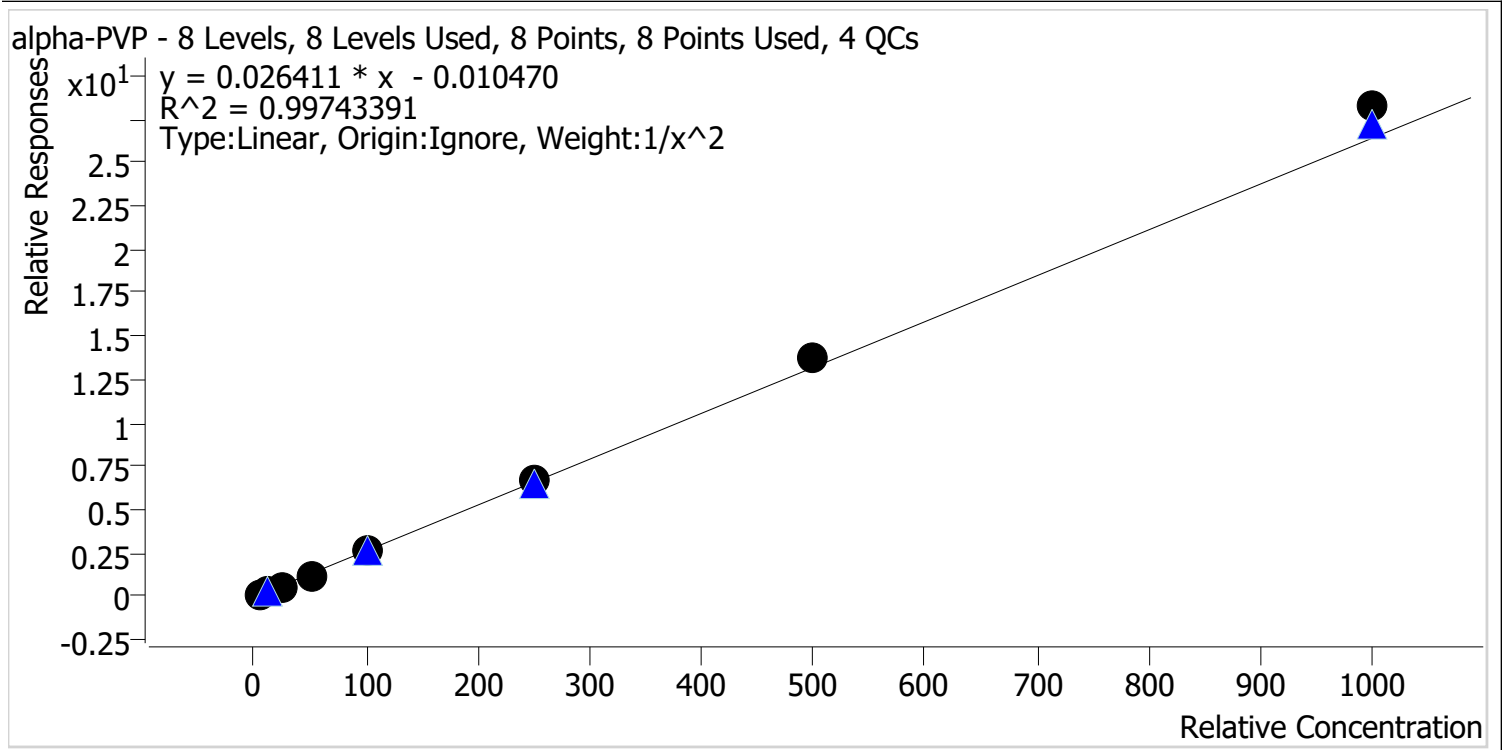


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	46.5	92.9
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	532.7	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1067.8	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

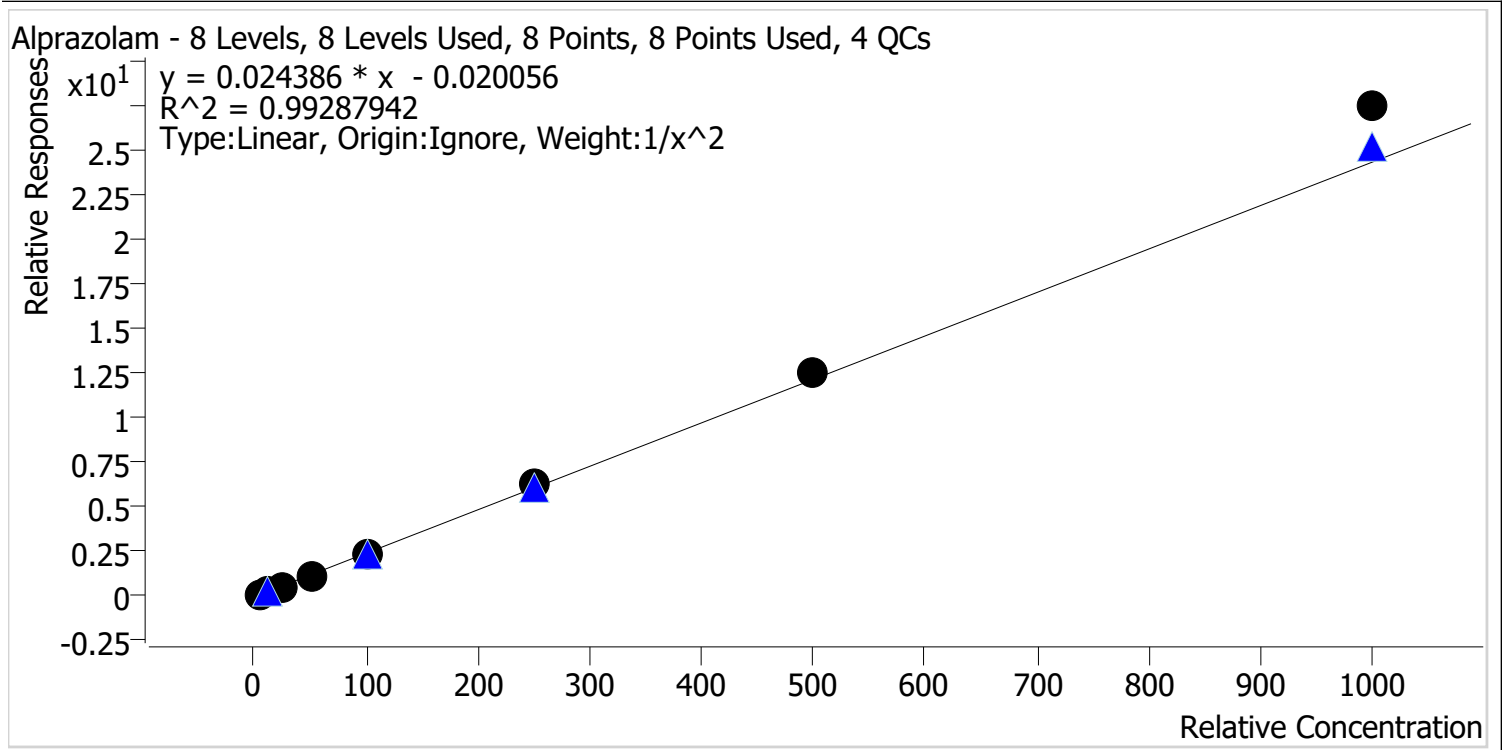


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1069.7	107.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

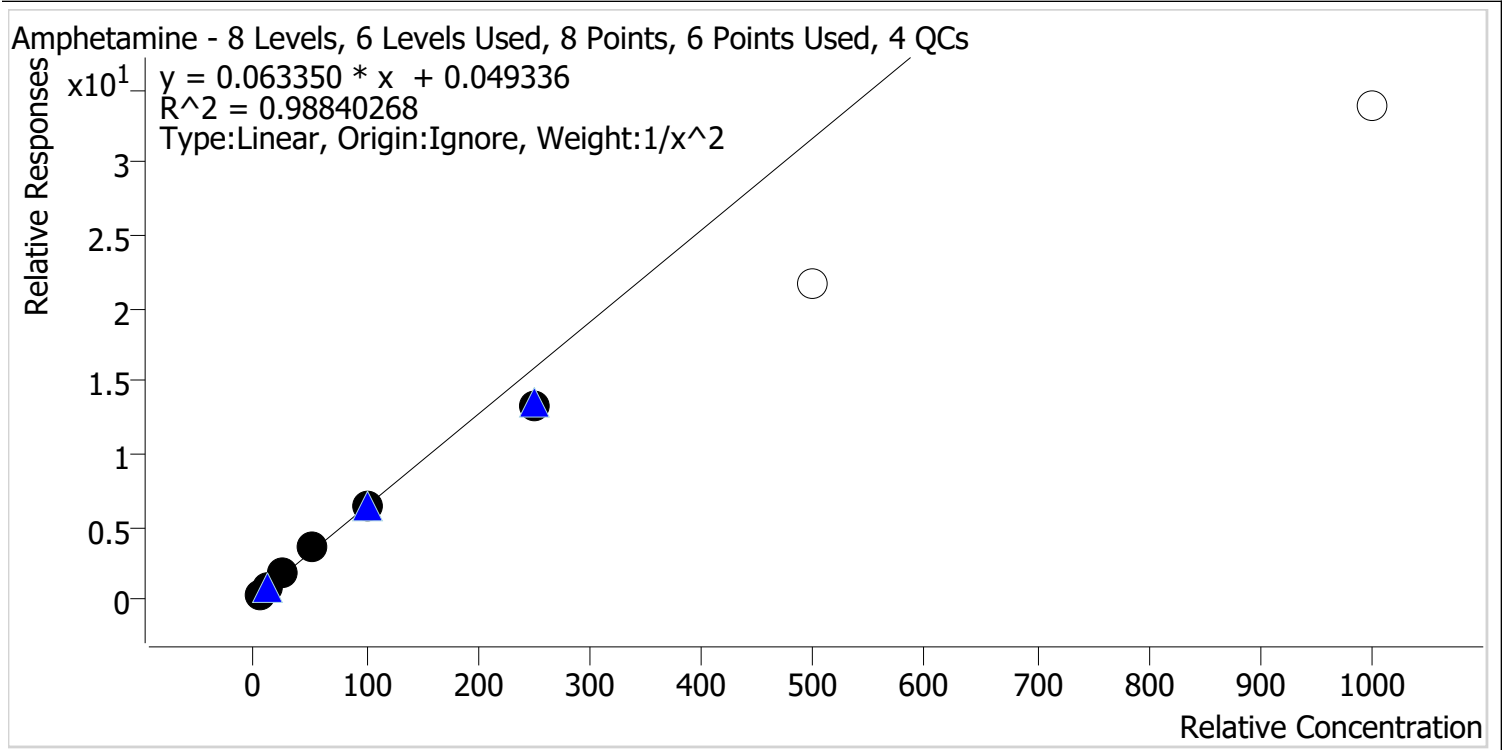


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.2
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.2
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1128.7	112.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

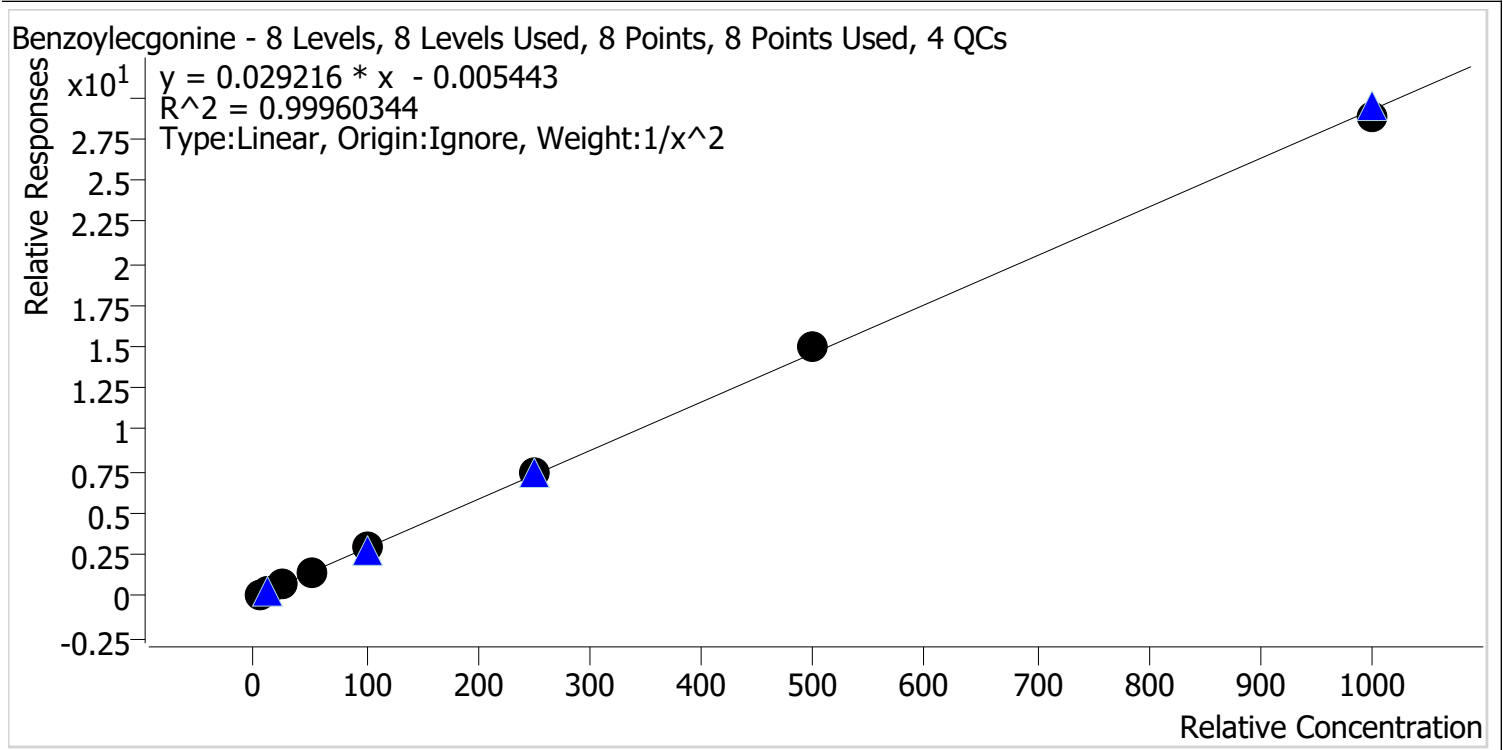


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	210.2	84.1
p1 Cal 7-500ng	7	✗	500.0	343.7	68.7
p1 Cal 8-1000ng	8	✗	1000.0	534.2	53.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

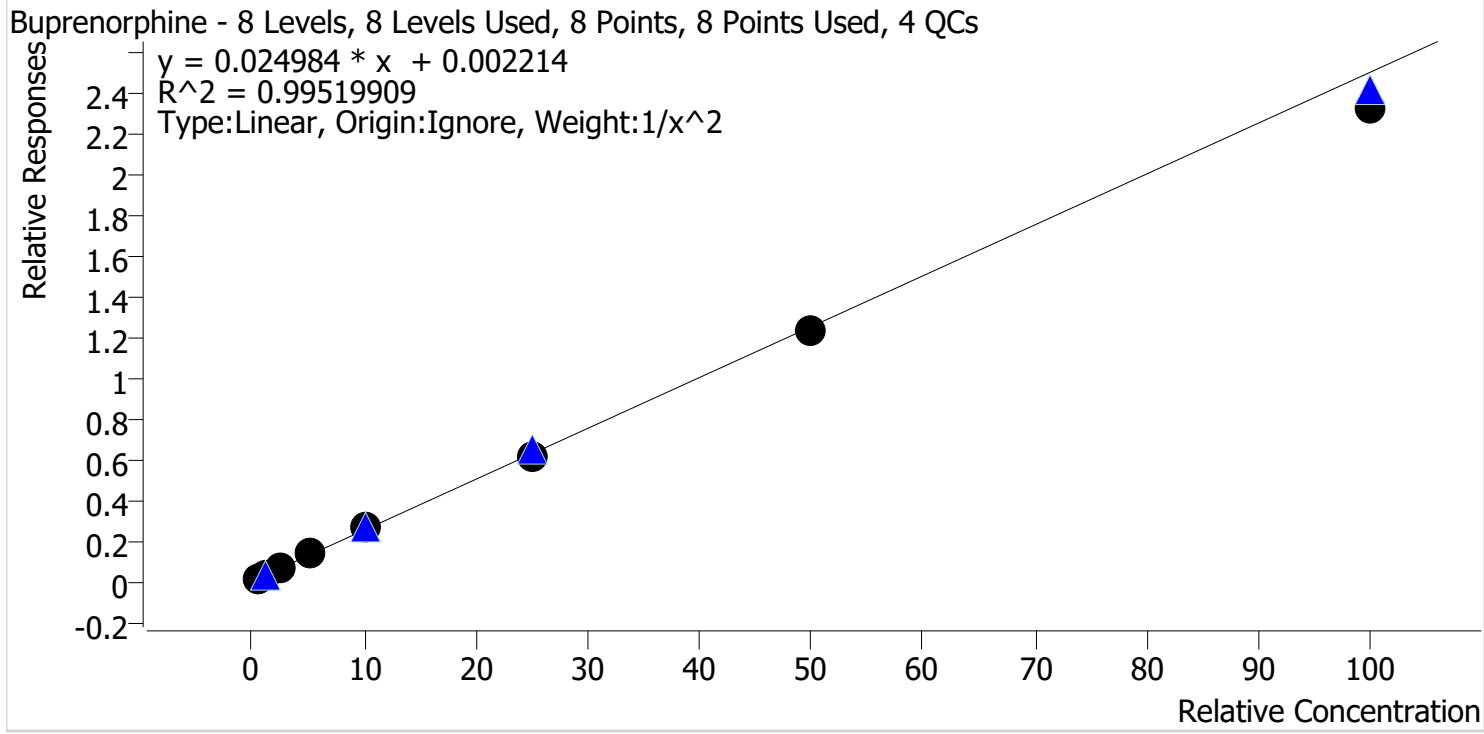


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	510.9	102.2
p1 Cal 8-1000ng	8	✓	1000.0	985.4	98.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

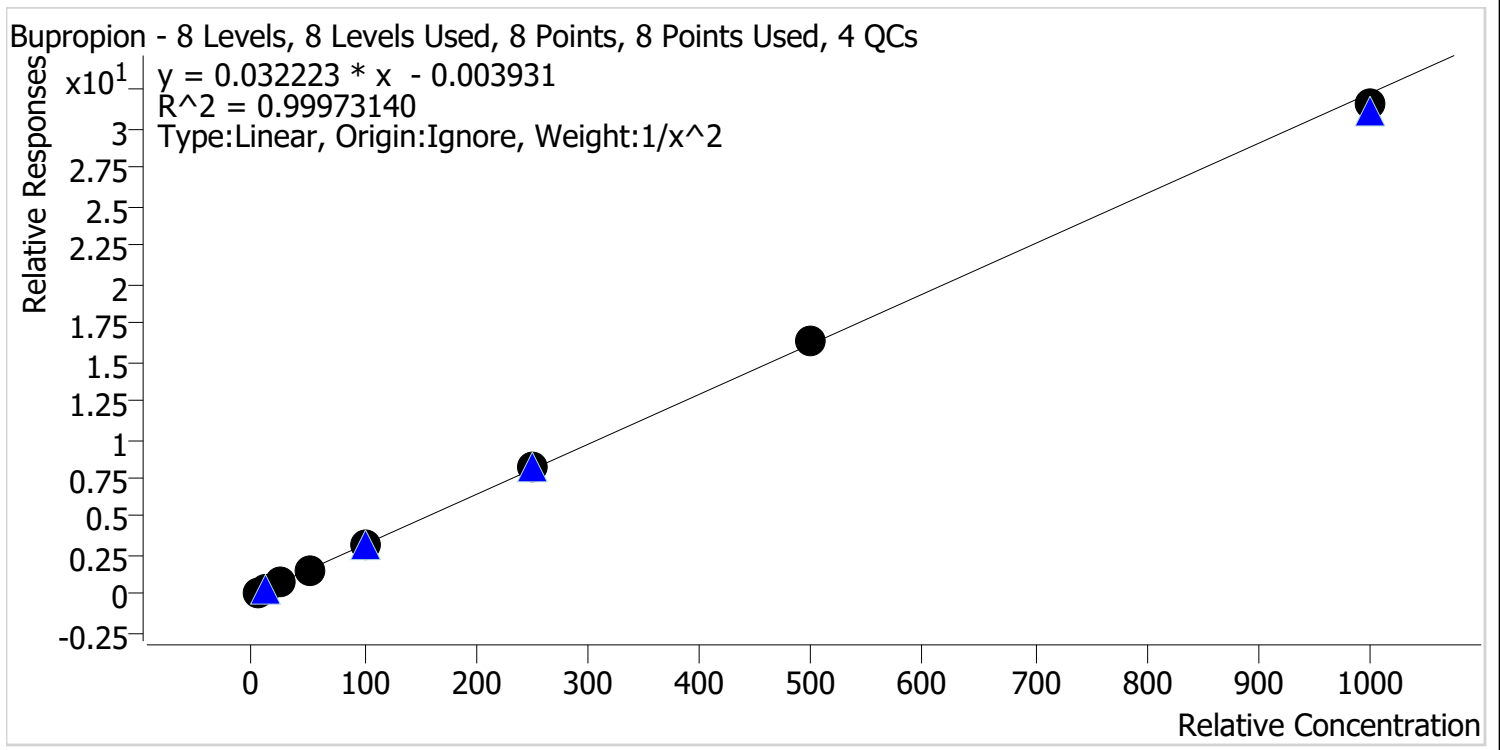


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.5
p1 Cal 2-10ng	2	✓	1.0	0.9	89.5
p1 Cal 3 -25ng	3	✓	2.5	2.6	105.1
p1 Cal 4-50ng	4	✓	5.0	5.3	105.5
p1 Cal 5-100ng	5	✓	10.0	10.5	105.1
p1 Cal 6-250ng	6	✓	25.0	24.8	99.1
p1 Cal 7-500ng	7	✓	50.0	49.6	99.1
p1 Cal 8-1000ng	8	✓	100.0	93.0	93.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

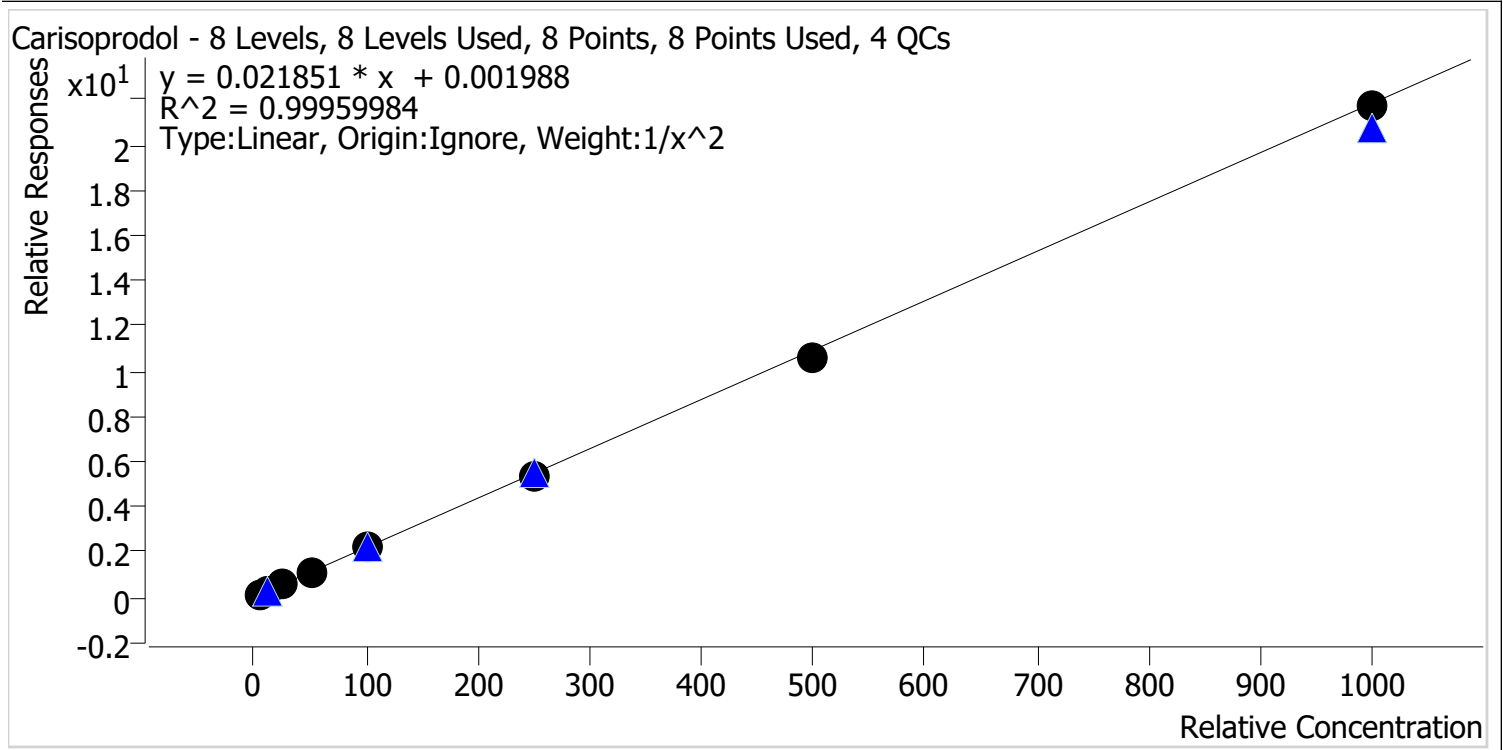


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	978.0	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

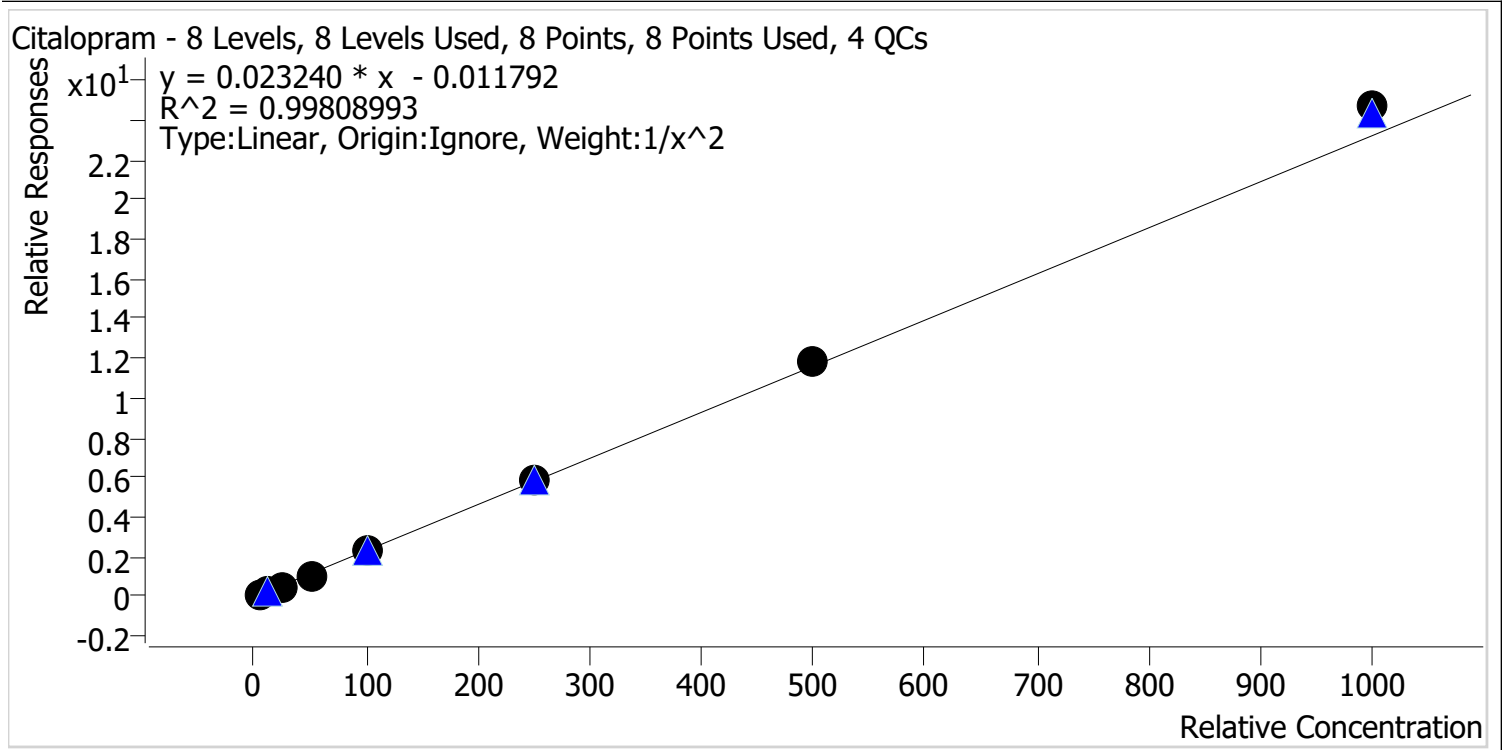


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	487.9	97.6
p1 Cal 8-1000ng	8	✓	1000.0	994.0	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

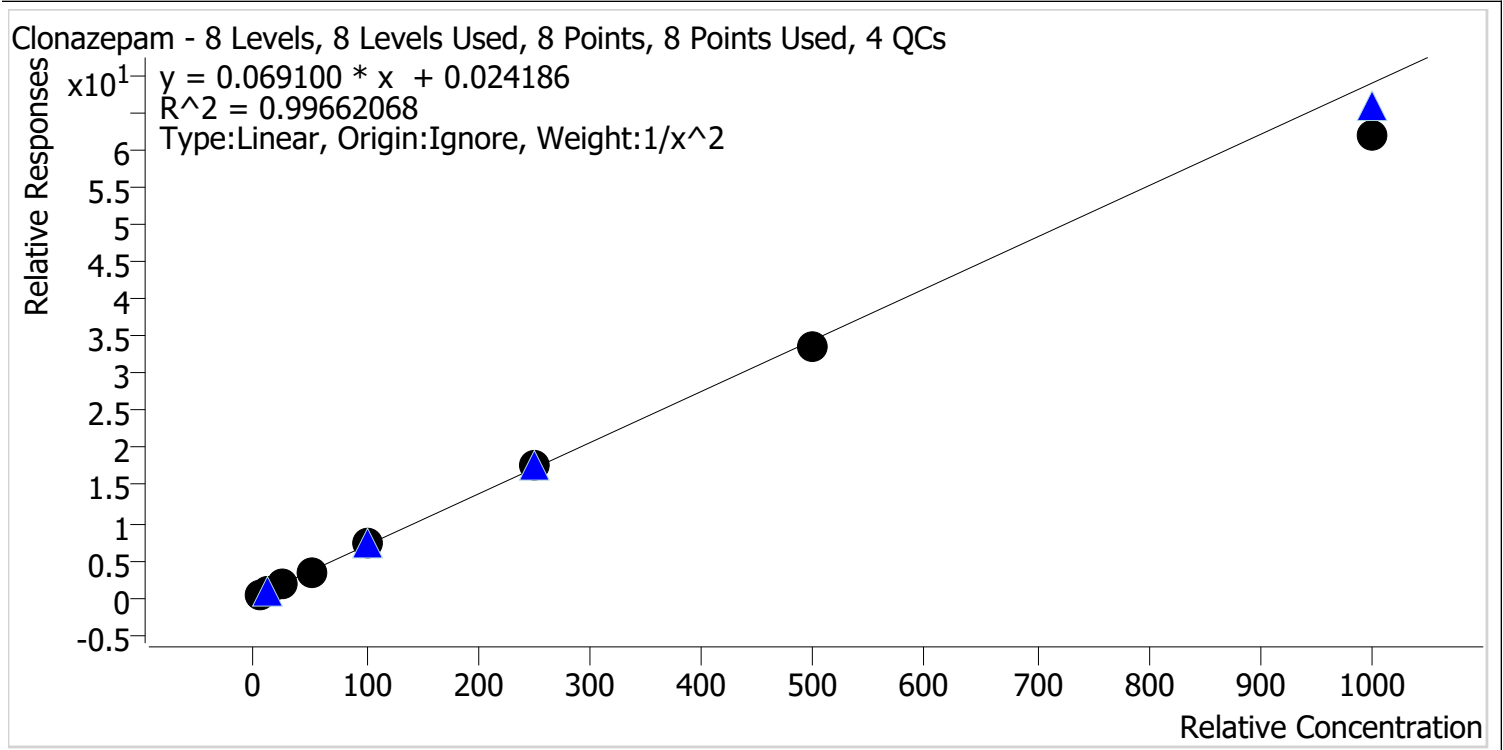


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	512.6	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1063.8	106.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



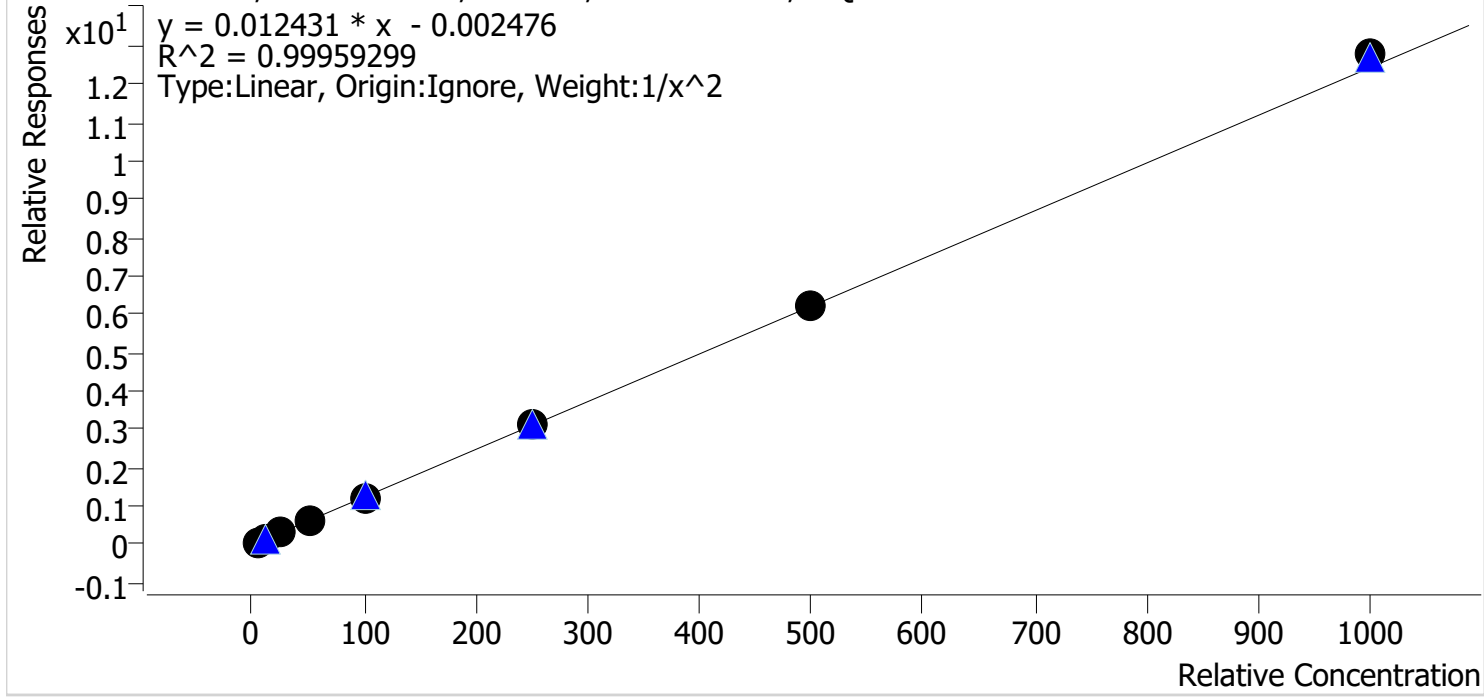
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	486.8	97.4
p1 Cal 8-1000ng	8	✓	1000.0	898.2	89.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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

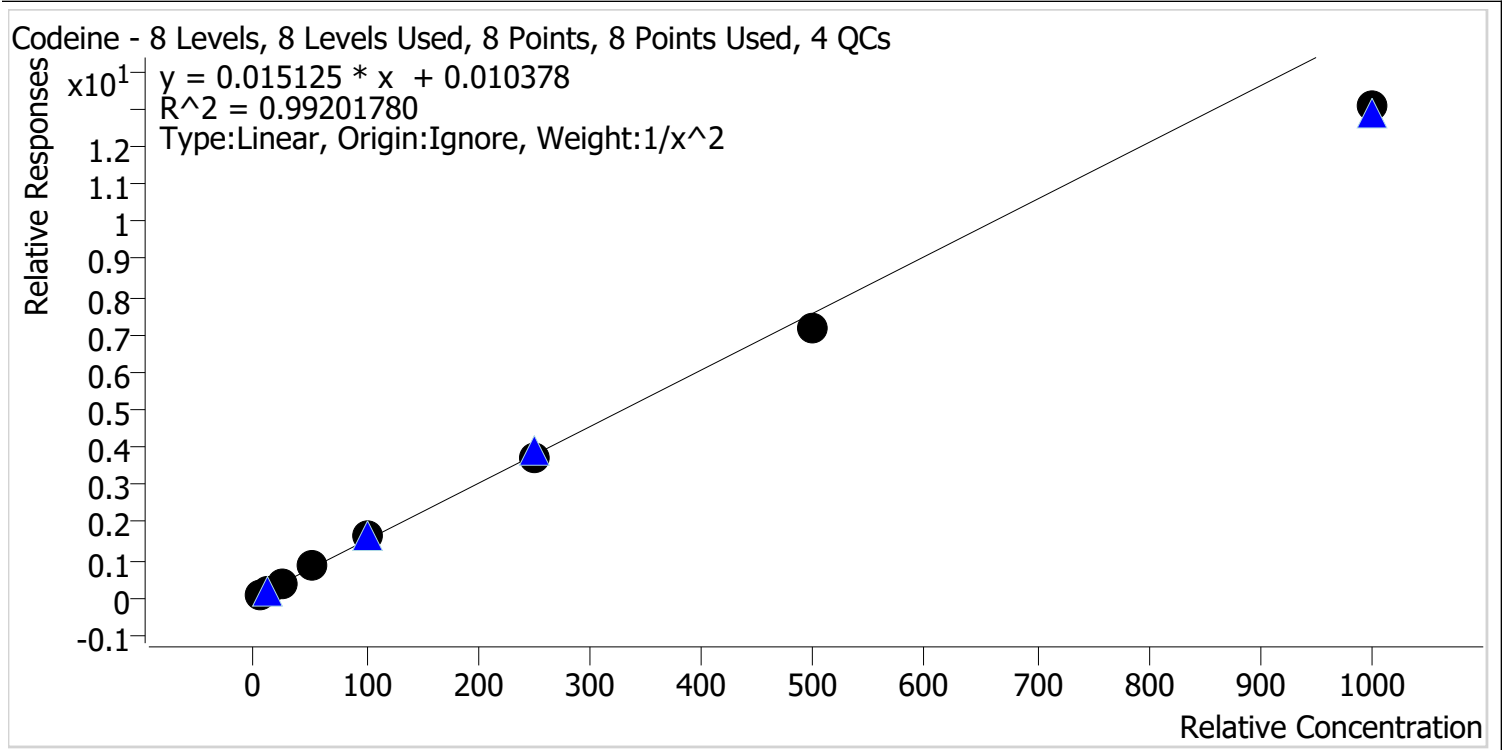


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	253.1	101.3
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1028.0	102.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

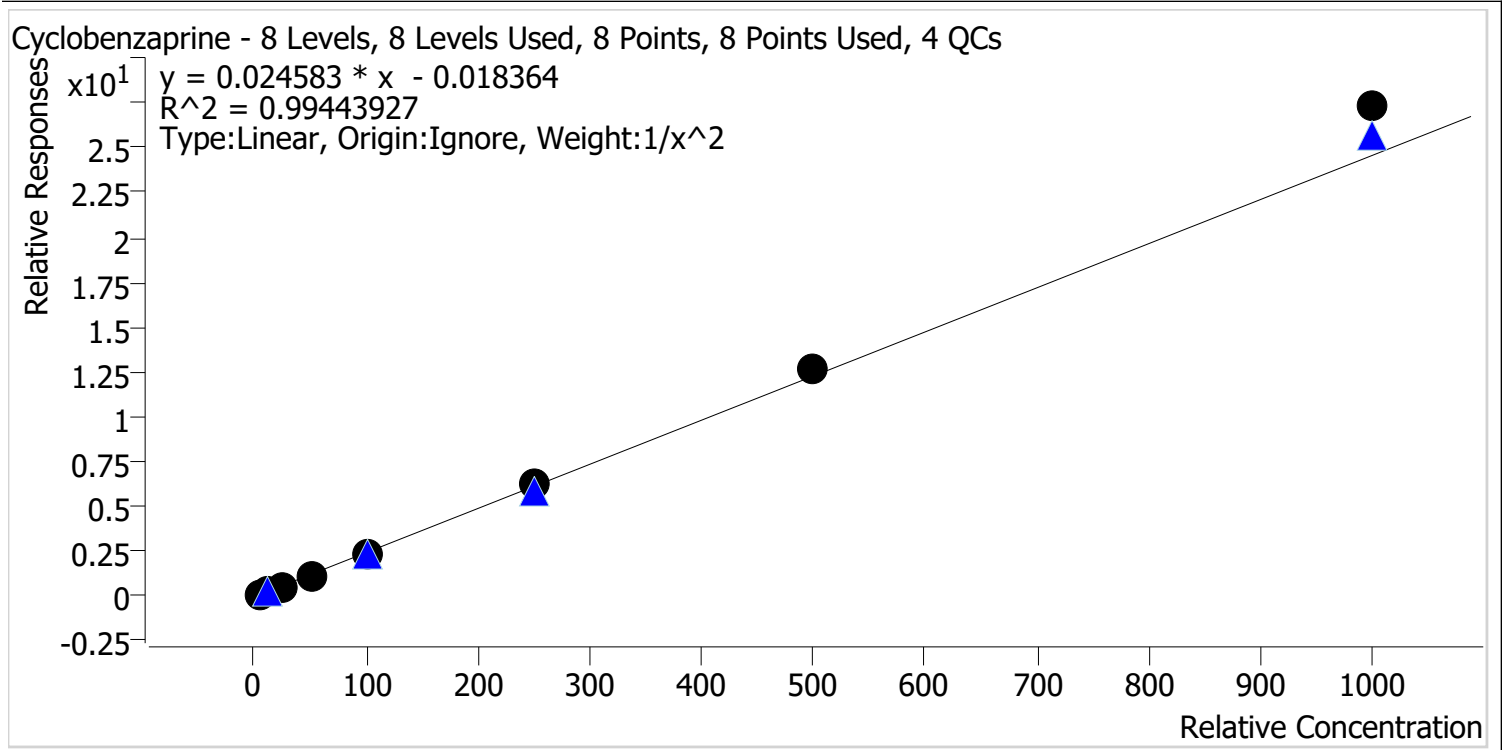


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	55.6	111.1
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	471.1	94.2
p1 Cal 8-1000ng	8	✓	1000.0	864.0	86.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

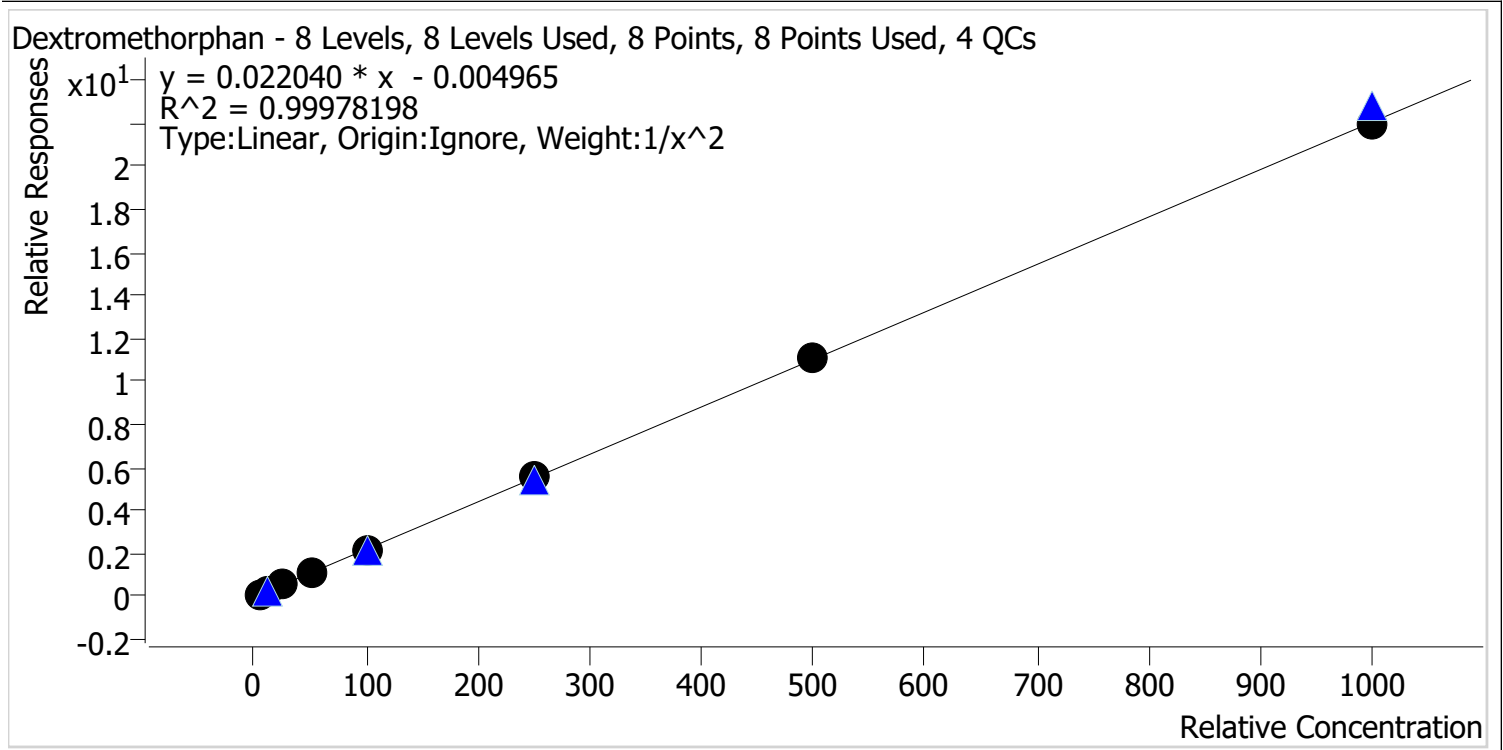


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng	2	✓	10.0	9.4	94.2
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1111.4	111.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

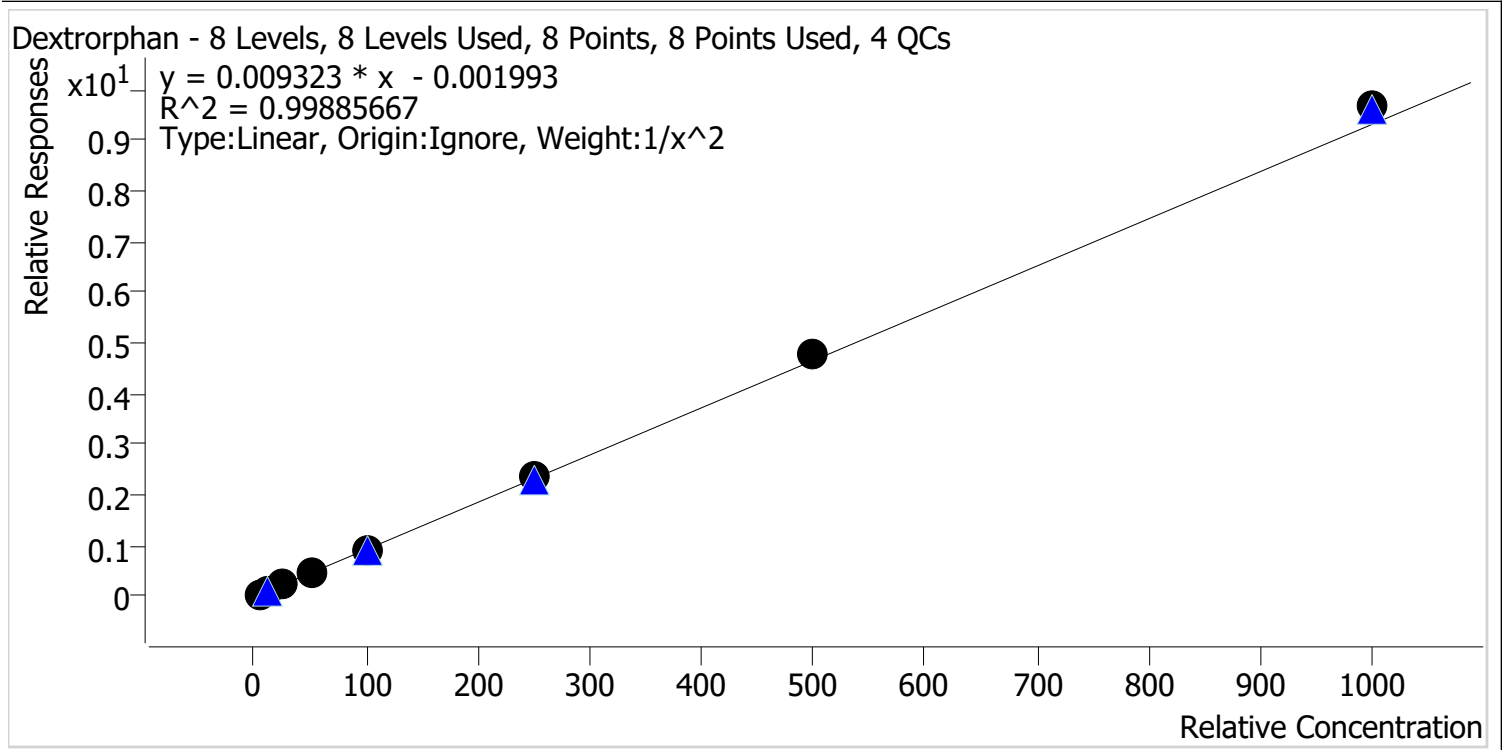


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	998.4	99.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

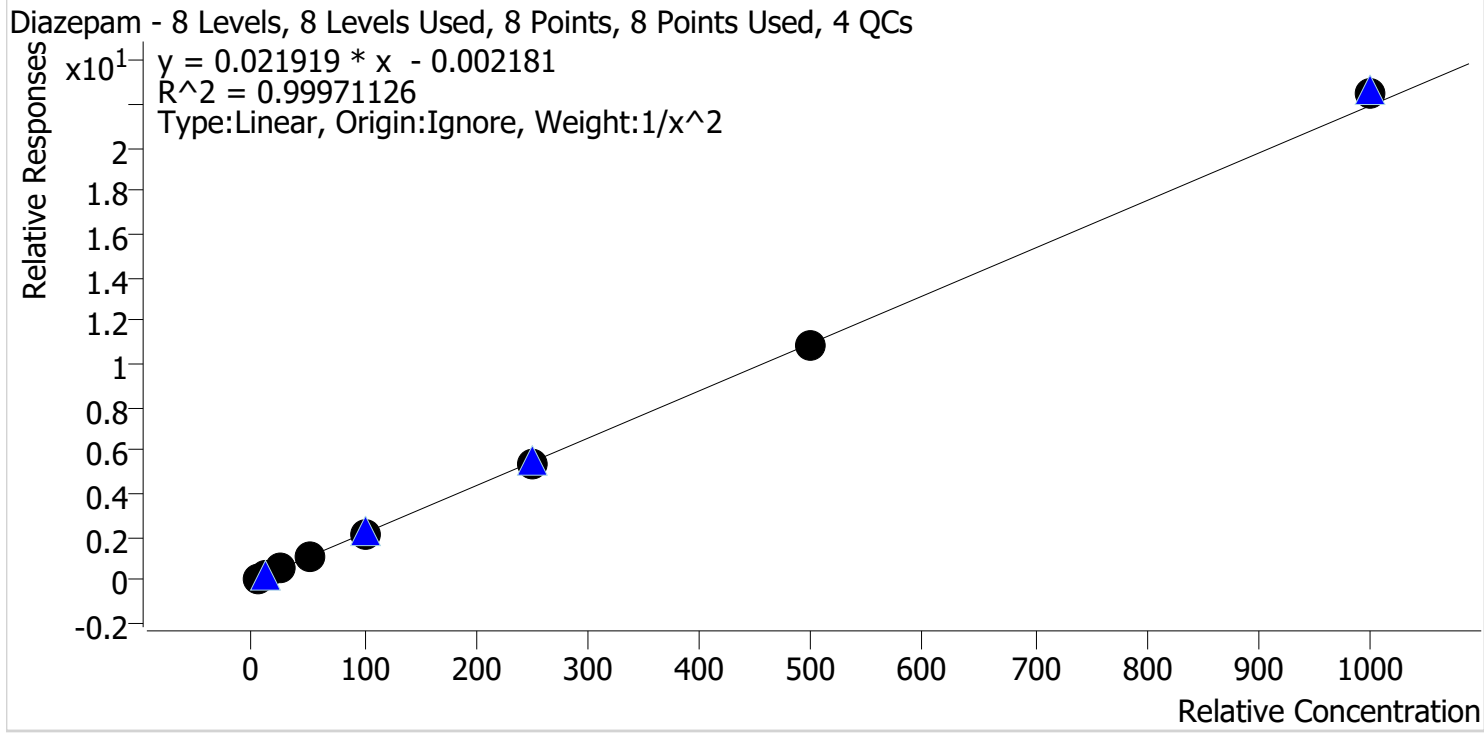


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1038.2	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

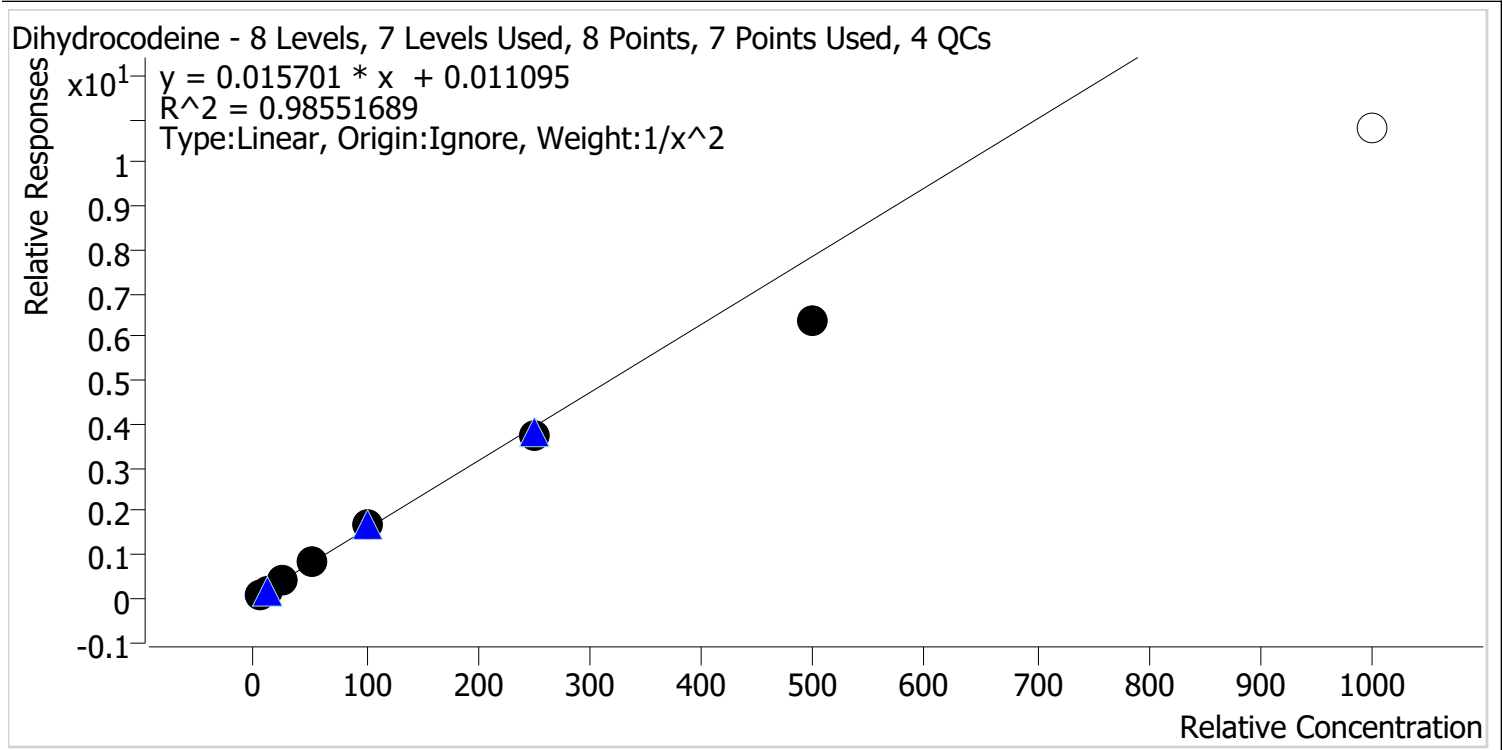


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	496.4	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1027.2	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

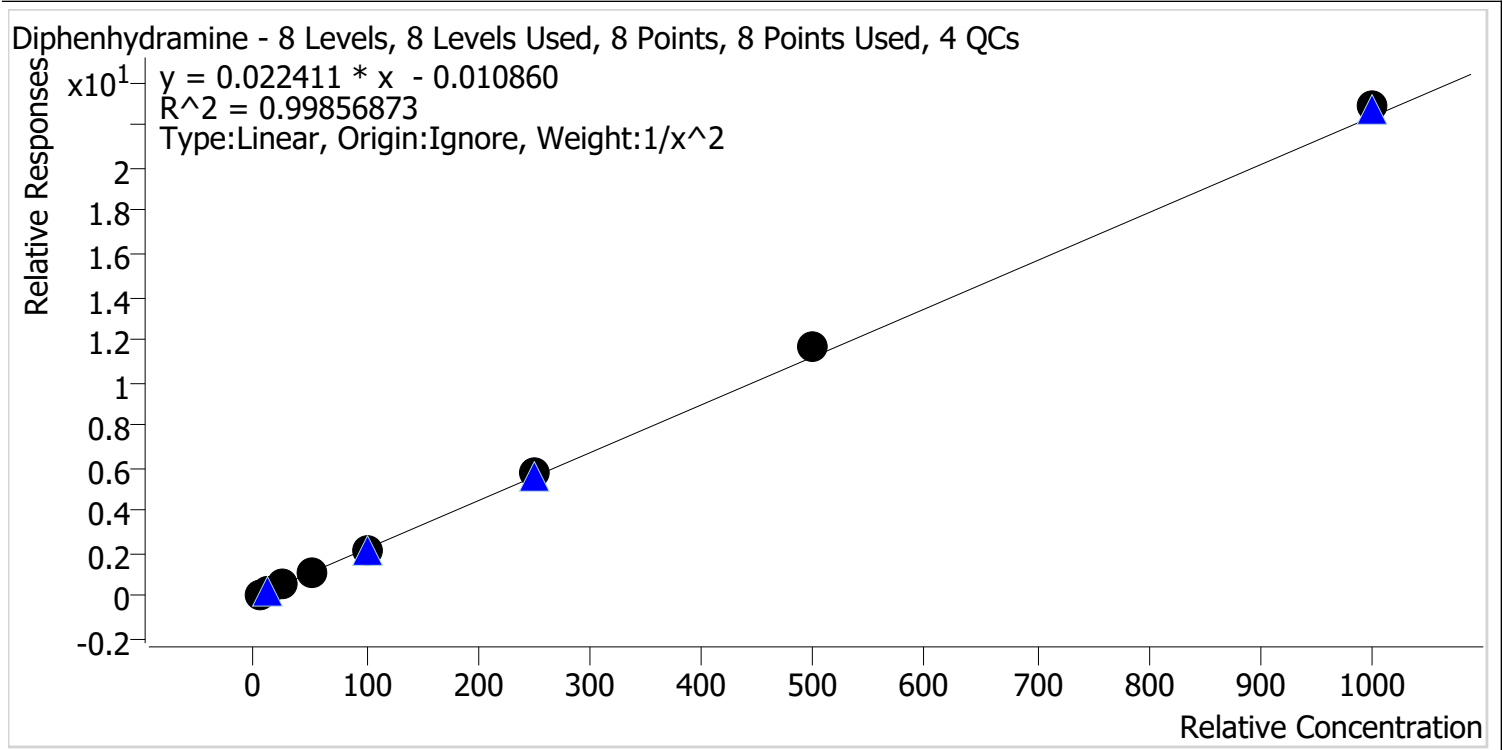


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
p1 Cal 7-500ng	7	✓	500.0	405.5	81.1
p1 Cal 8-1000ng	8	x	1000.0	687.2	68.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

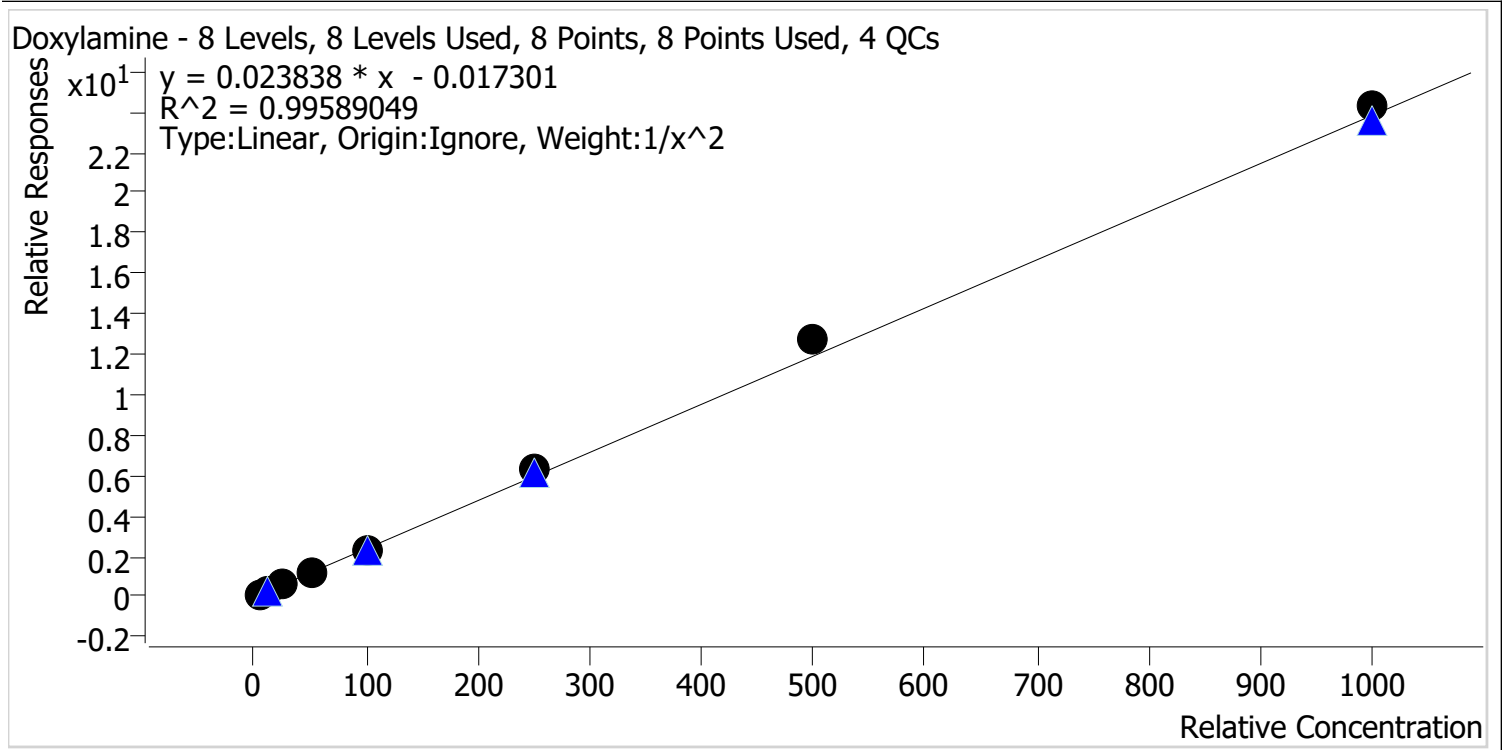


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	520.8	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1021.8	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

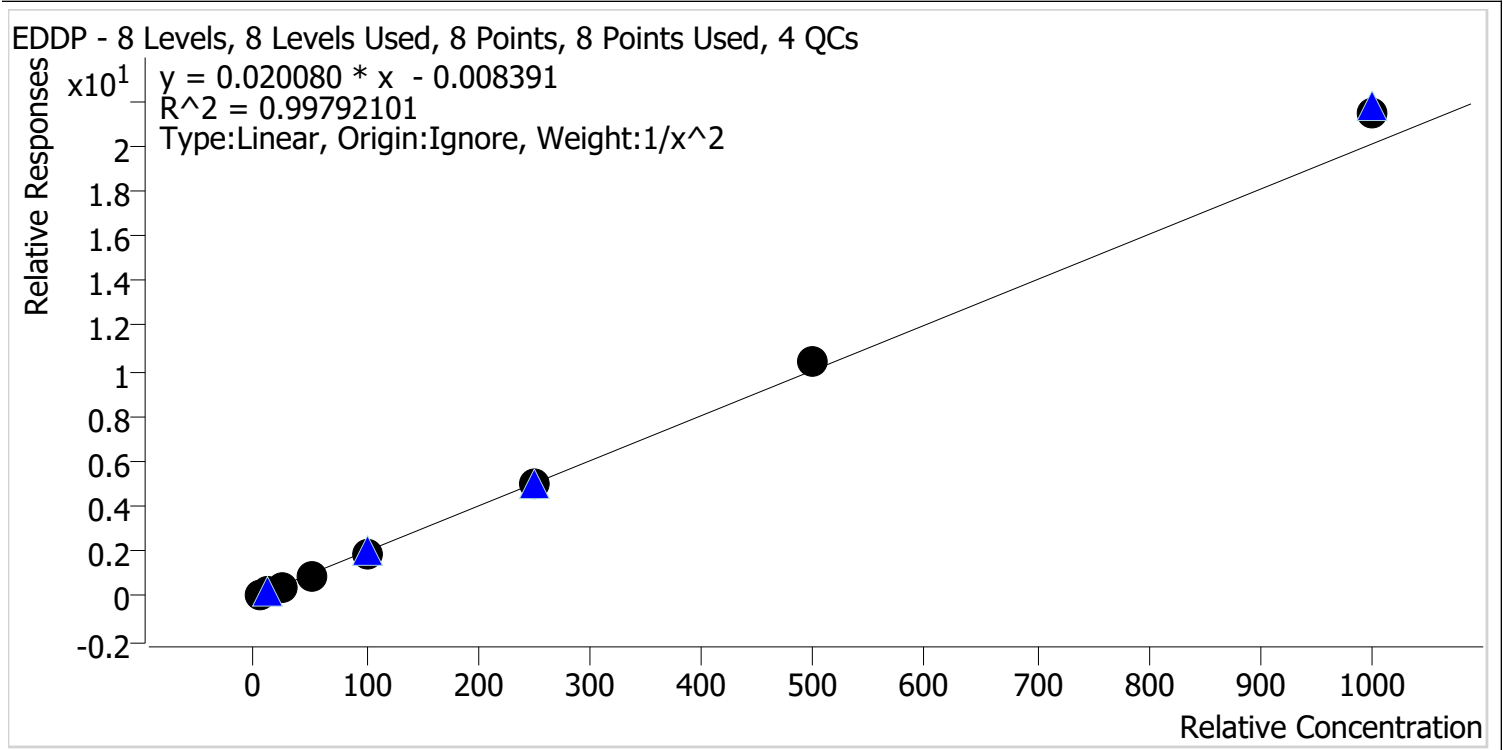


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	46.8	93.5
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	264.8	105.9
p1 Cal 7-500ng	7	✓	500.0	538.9	107.8
p1 Cal 8-1000ng	8	✓	1000.0	1019.0	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

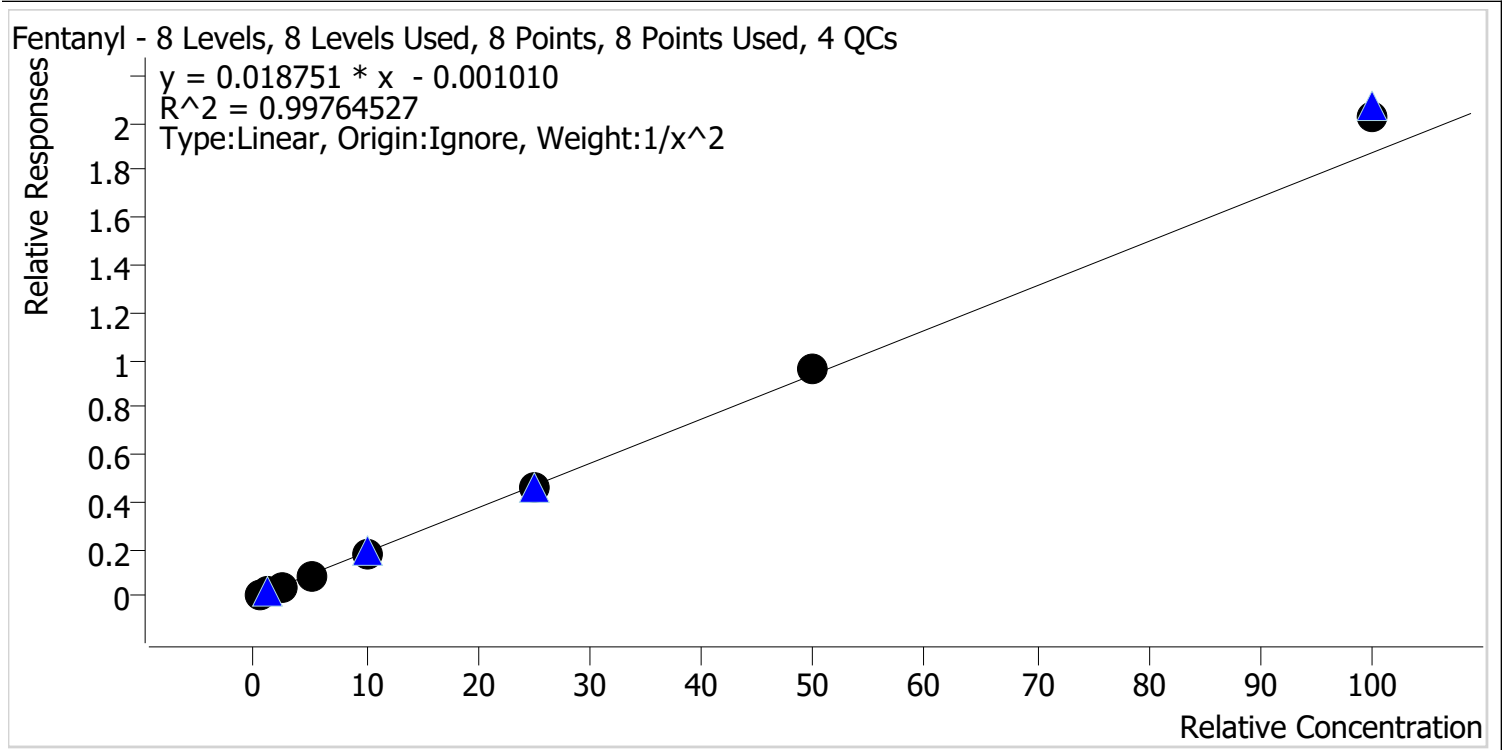


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	521.7	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1065.3	106.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

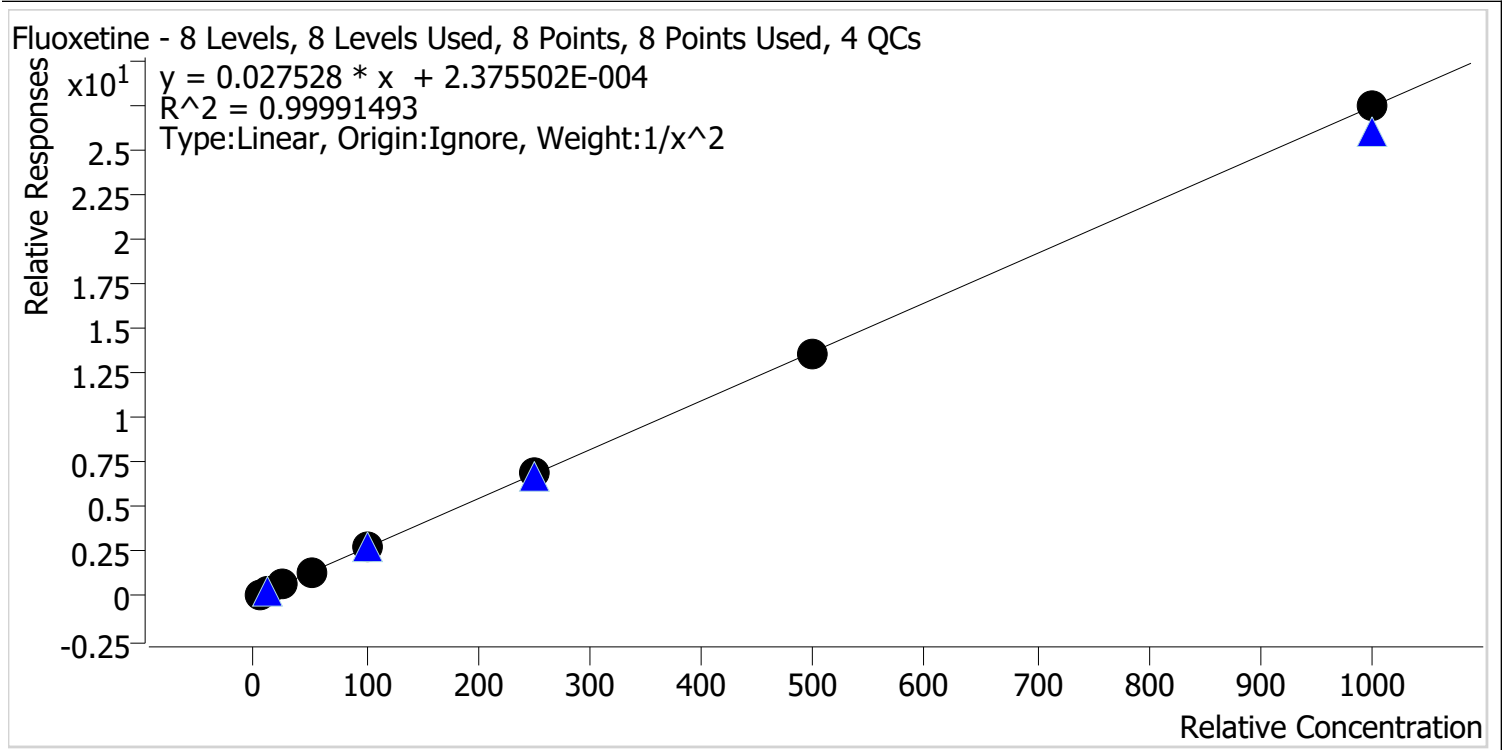


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	97.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.4
p1 Cal 4-50ng	4	✓	5.0	4.8	96.6
p1 Cal 5-100ng	5	✓	10.0	9.7	96.9
p1 Cal 6-250ng	6	✓	25.0	24.7	98.7
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	108.4	108.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

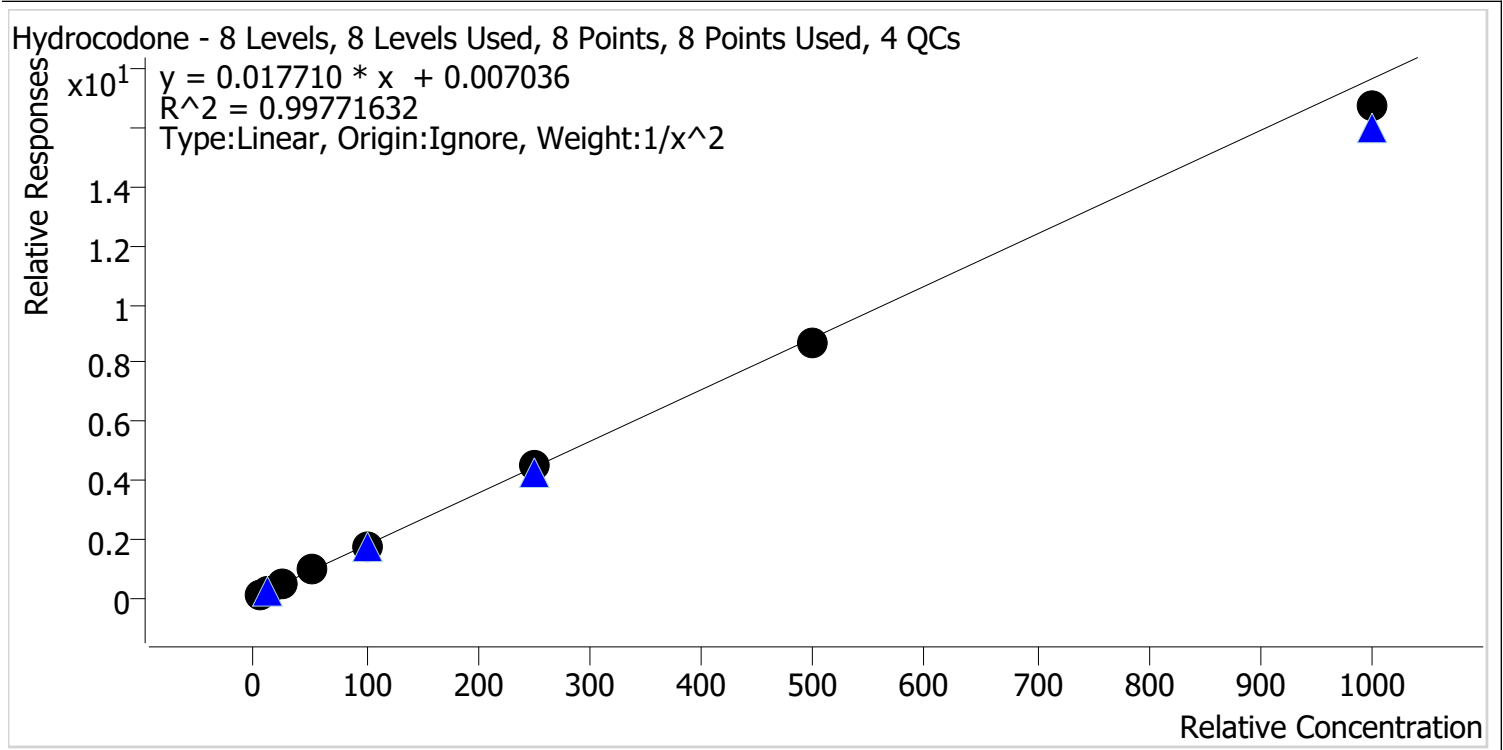


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	49.5	98.9
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	250.1	100.1
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1000.7	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

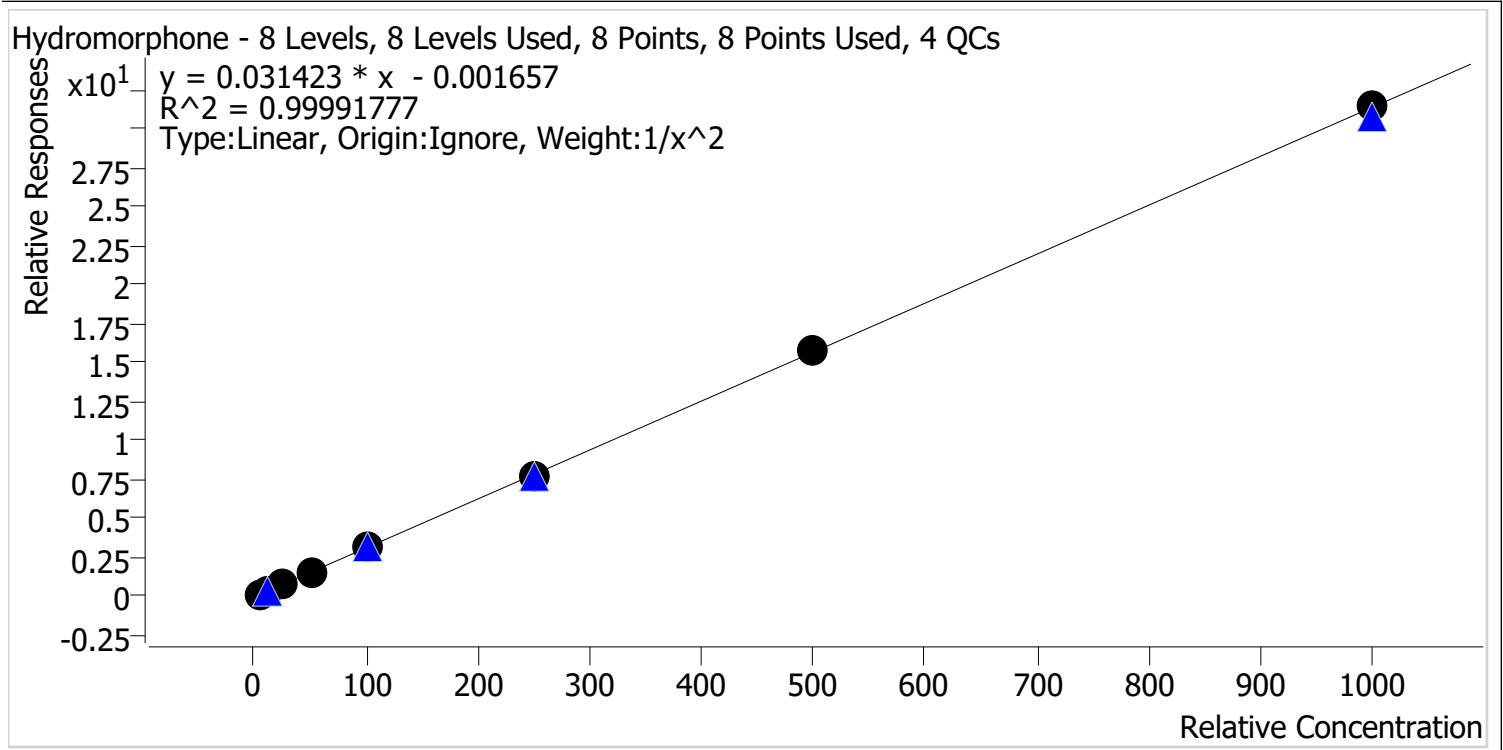


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	488.5	97.7
p1 Cal 8-1000ng	8	✓	1000.0	946.8	94.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

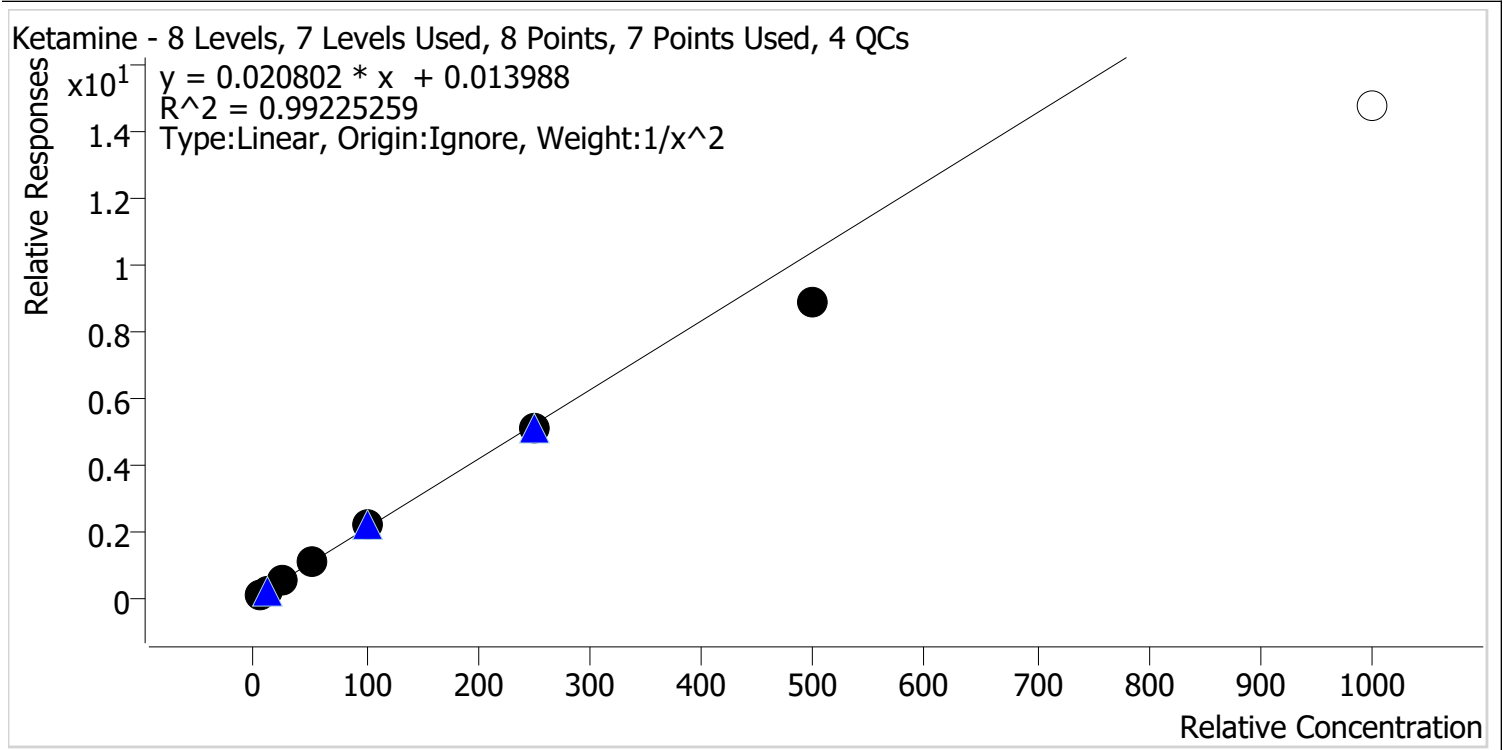


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1002.3	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

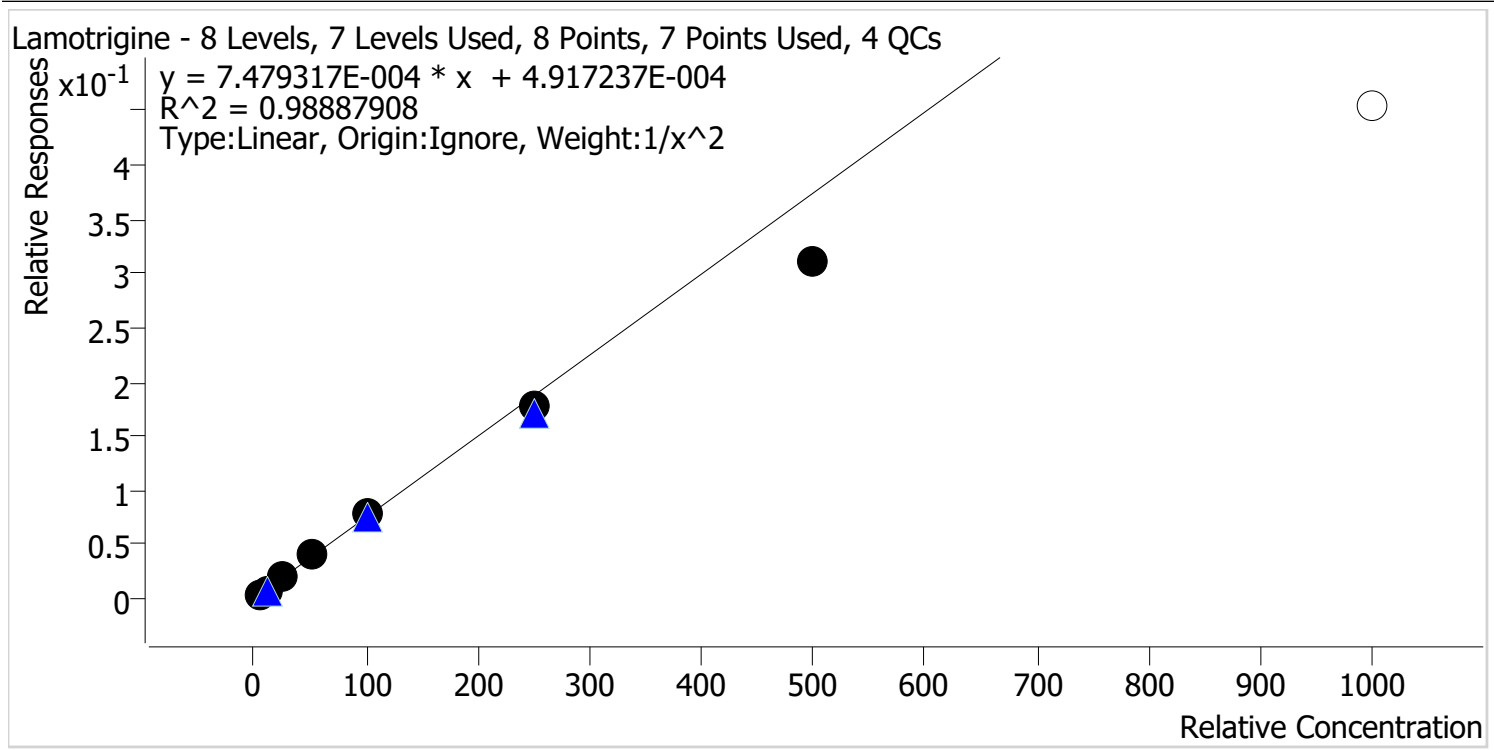


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	427.3	85.5
p1 Cal 8-1000ng	8	x	1000.0	708.4	70.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

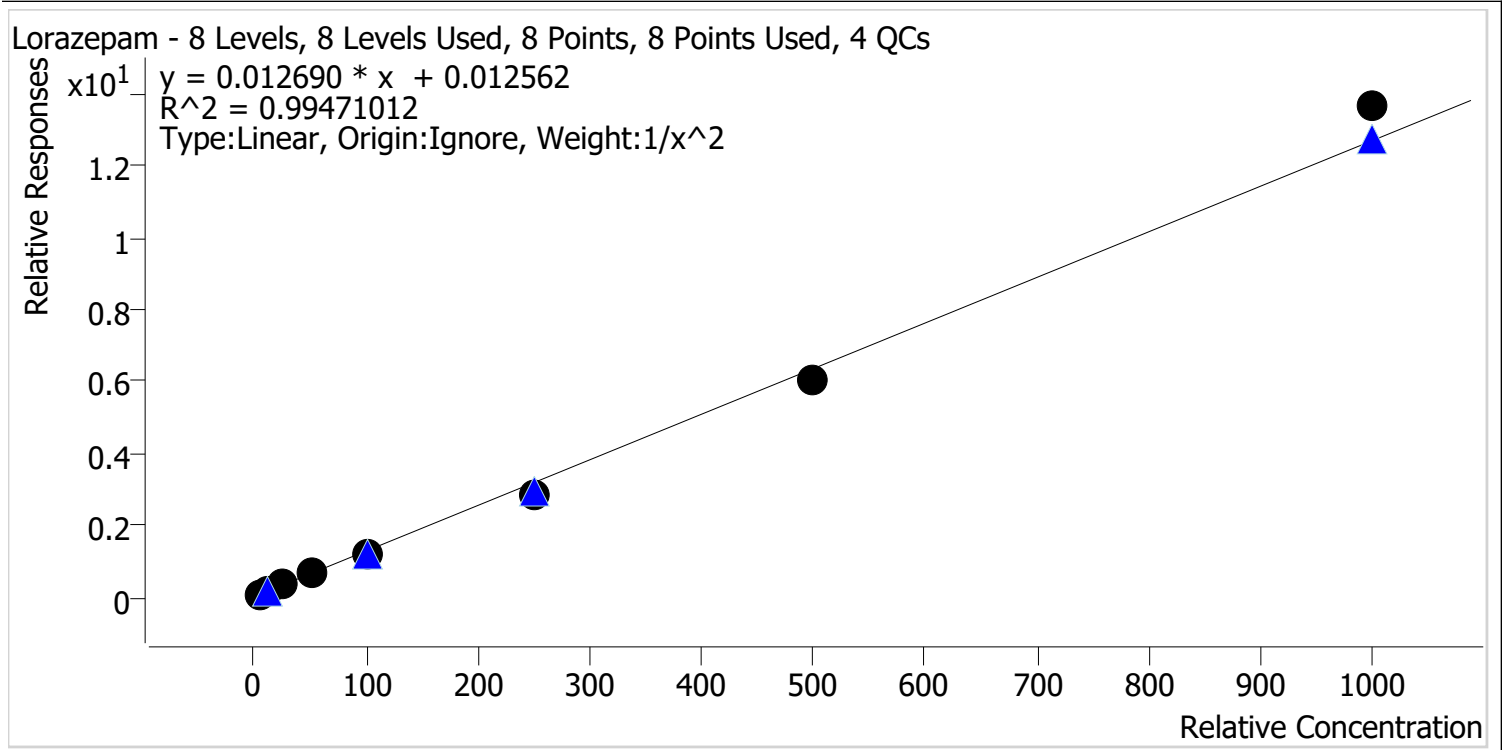


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	239.1	95.6
p1 Cal 7-500ng	7	✓	500.0	416.8	83.4
p1 Cal 8-1000ng	8	✗	1000.0	606.9	60.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

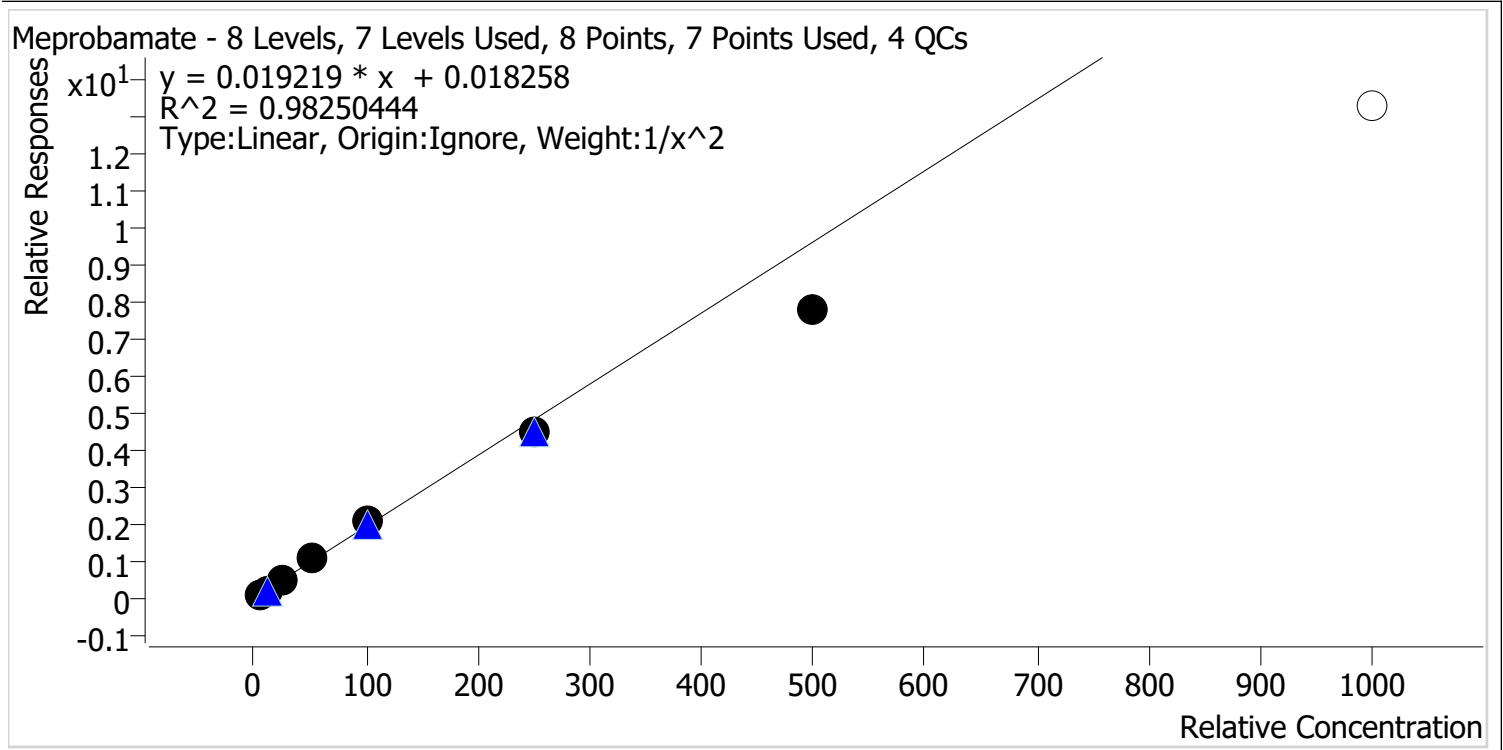


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	224.9	89.9
p1 Cal 7-500ng	7	✓	500.0	474.8	95.0
p1 Cal 8-1000ng	8	✓	1000.0	1075.5	107.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

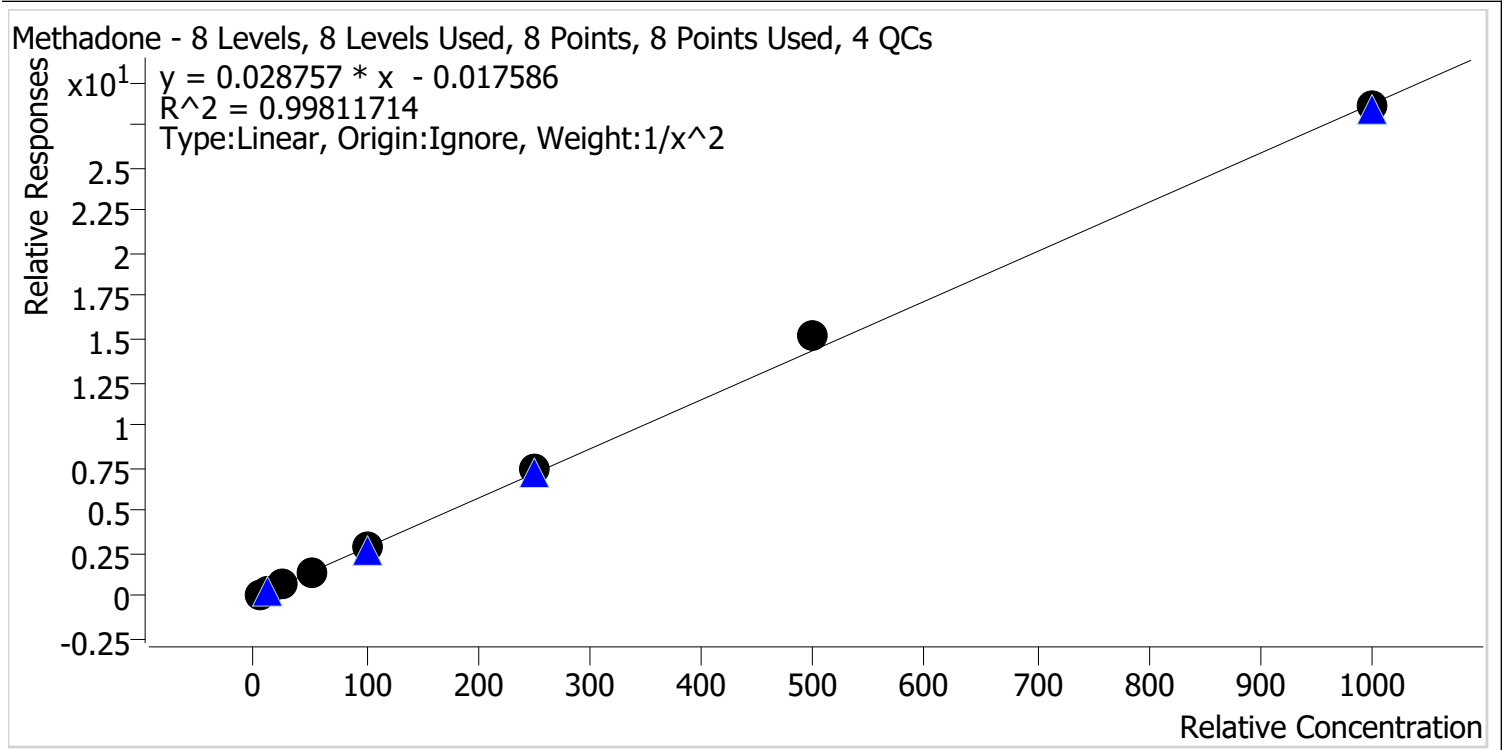


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	56.0	112.0
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	231.2	92.5
p1 Cal 7-500ng	7	✓	500.0	402.9	80.6
p1 Cal 8-1000ng	8	x	1000.0	690.3	69.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

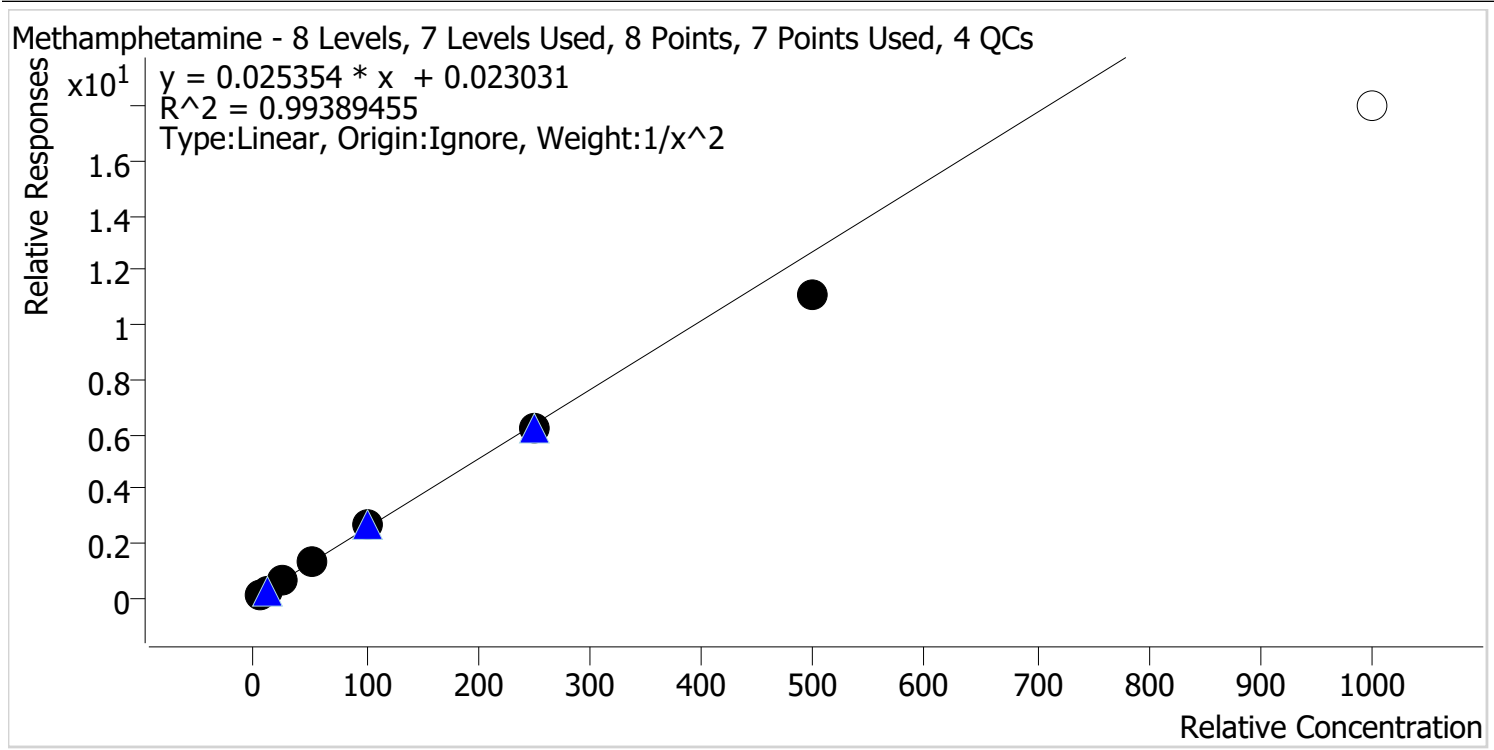


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	528.6	105.7
p1 Cal 8-1000ng	8	✓	1000.0	995.1	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

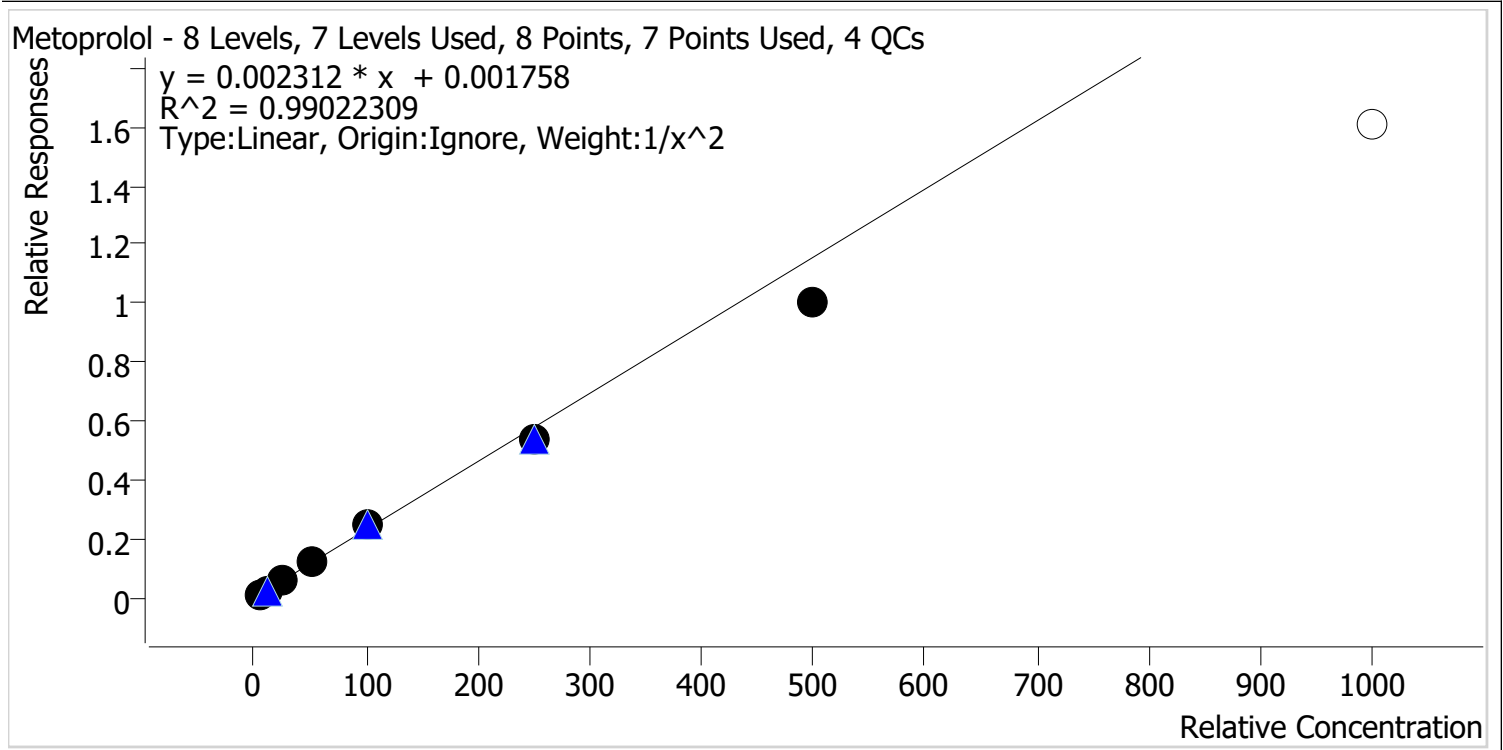


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	244.4	97.7
p1 Cal 7-500ng	7	✓	500.0	436.2	87.2
p1 Cal 8-1000ng	8	x	1000.0	708.9	70.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

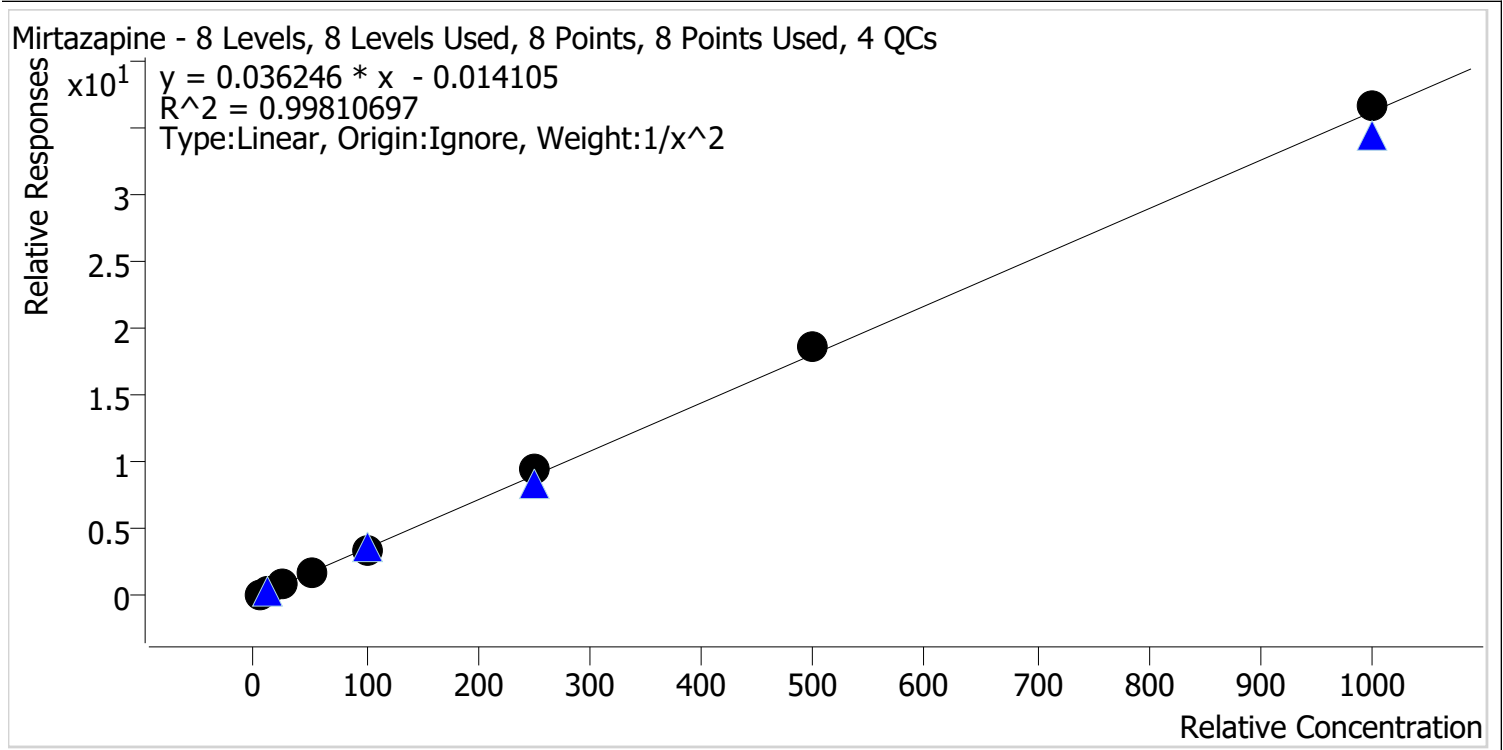


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	230.4	92.1
p1 Cal 7-500ng	7	✓	500.0	434.7	86.9
p1 Cal 8-1000ng	8	x	1000.0	697.4	69.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

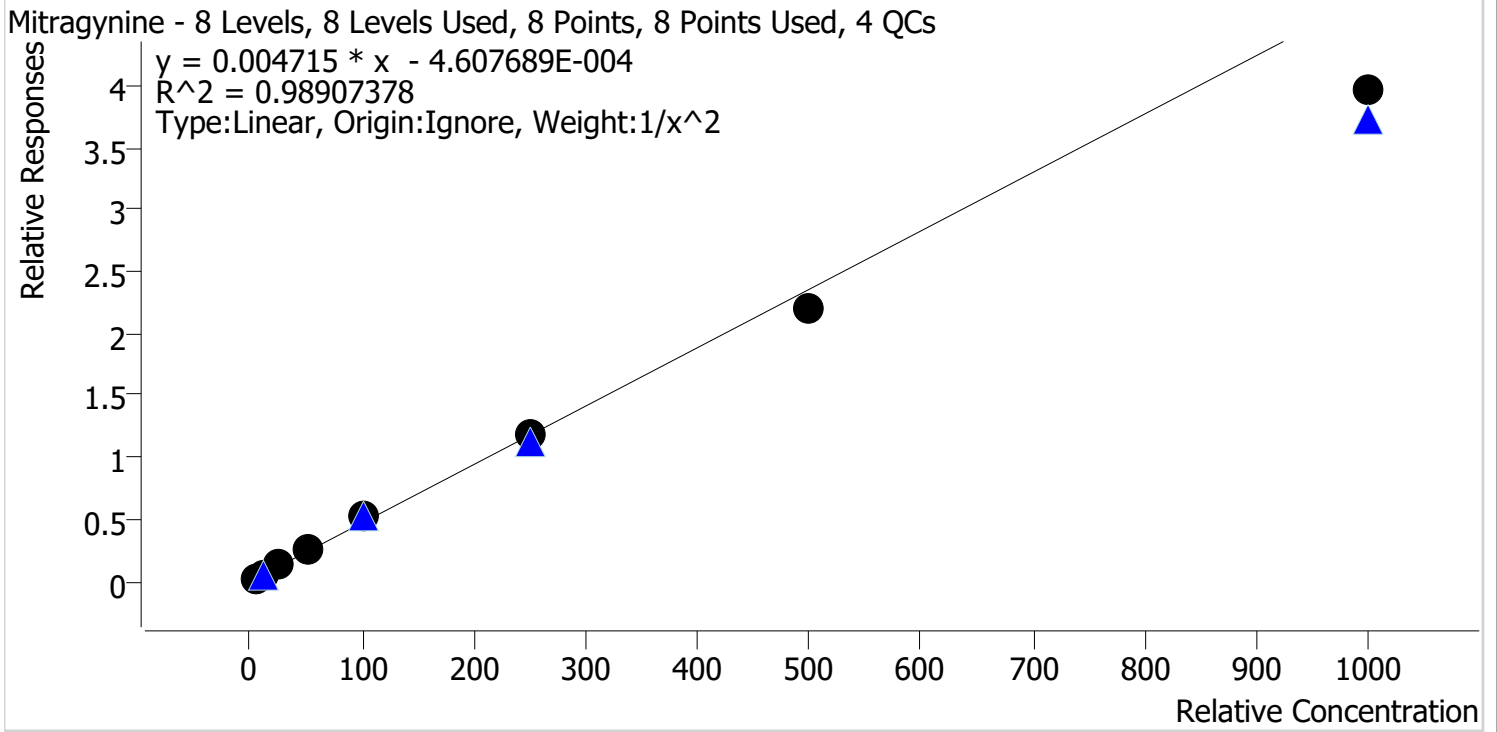


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	263.2	105.3
p1 Cal 7-500ng	7	✓	500.0	518.5	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1011.5	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

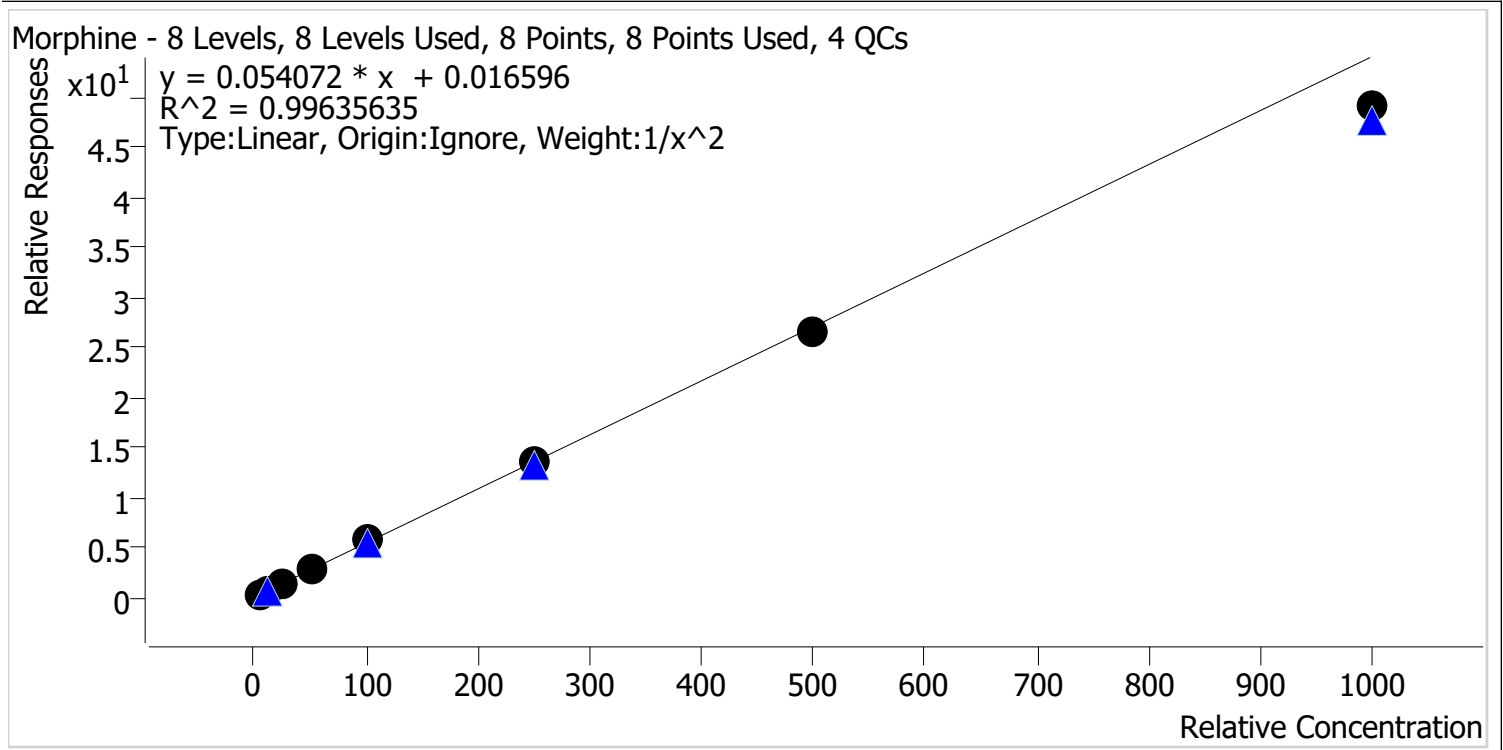


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	111.0	111.0
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	465.8	93.2
p1 Cal 8-1000ng	8	✓	1000.0	840.7	84.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

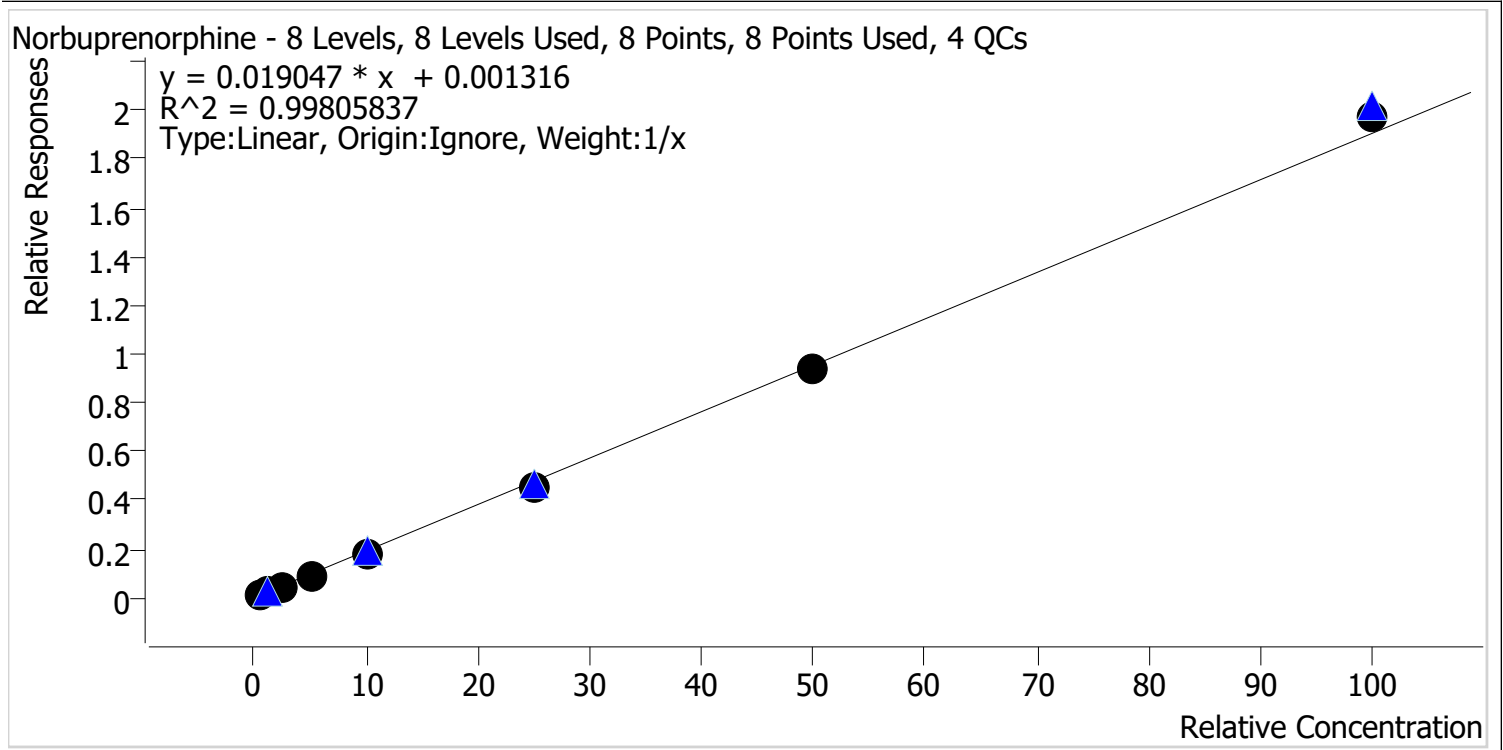


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	490.7	98.1
p1 Cal 8-1000ng	8	✓	1000.0	908.0	90.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

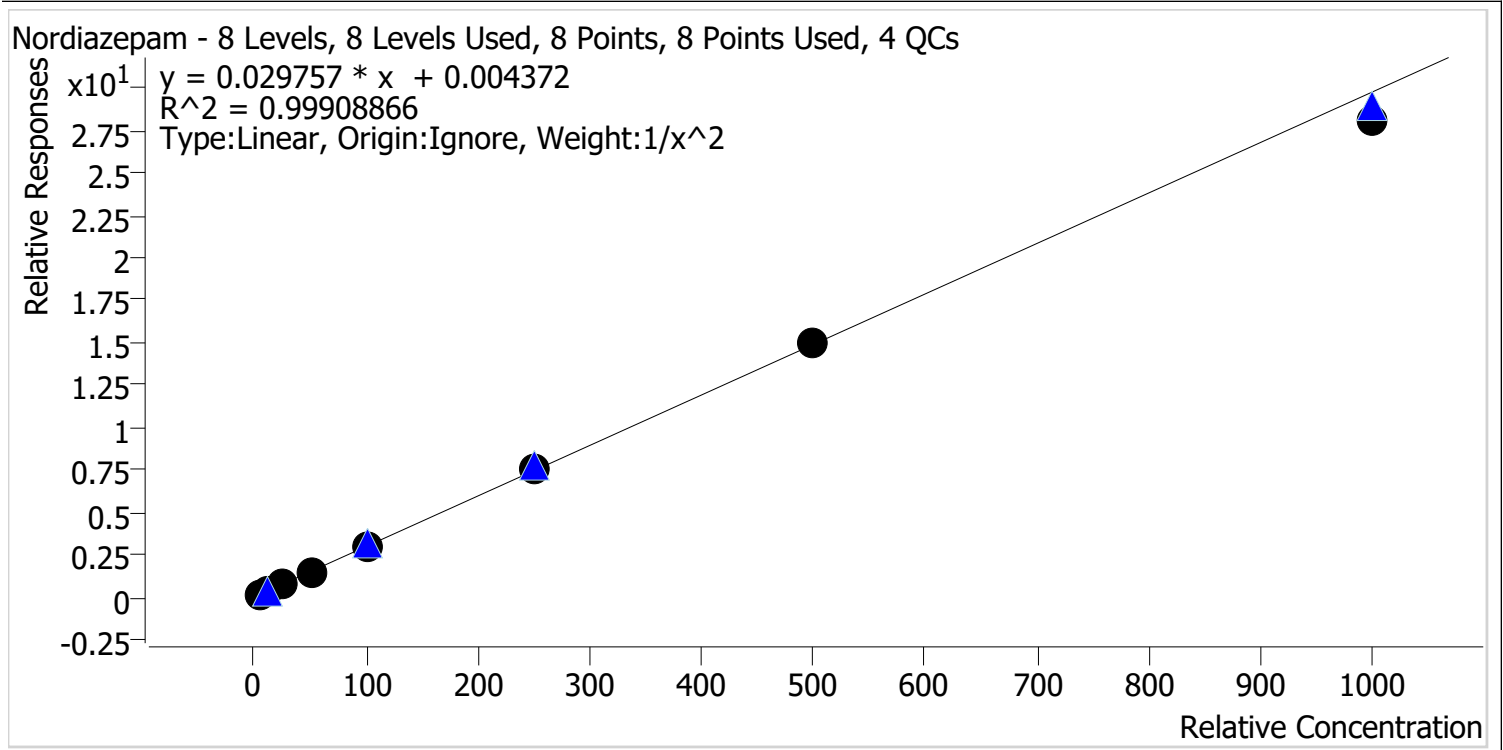


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	123.2
p1 Cal 2-10ng	2	✓	1.0	1.0	104.5
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.6
p1 Cal 4-50ng	4	✓	5.0	4.6	92.9
p1 Cal 5-100ng	5	✓	10.0	9.3	92.9
p1 Cal 6-250ng	6	✓	25.0	23.5	94.1
p1 Cal 7-500ng	7	✓	50.0	49.2	98.4
p1 Cal 8-1000ng	8	✓	100.0	103.4	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

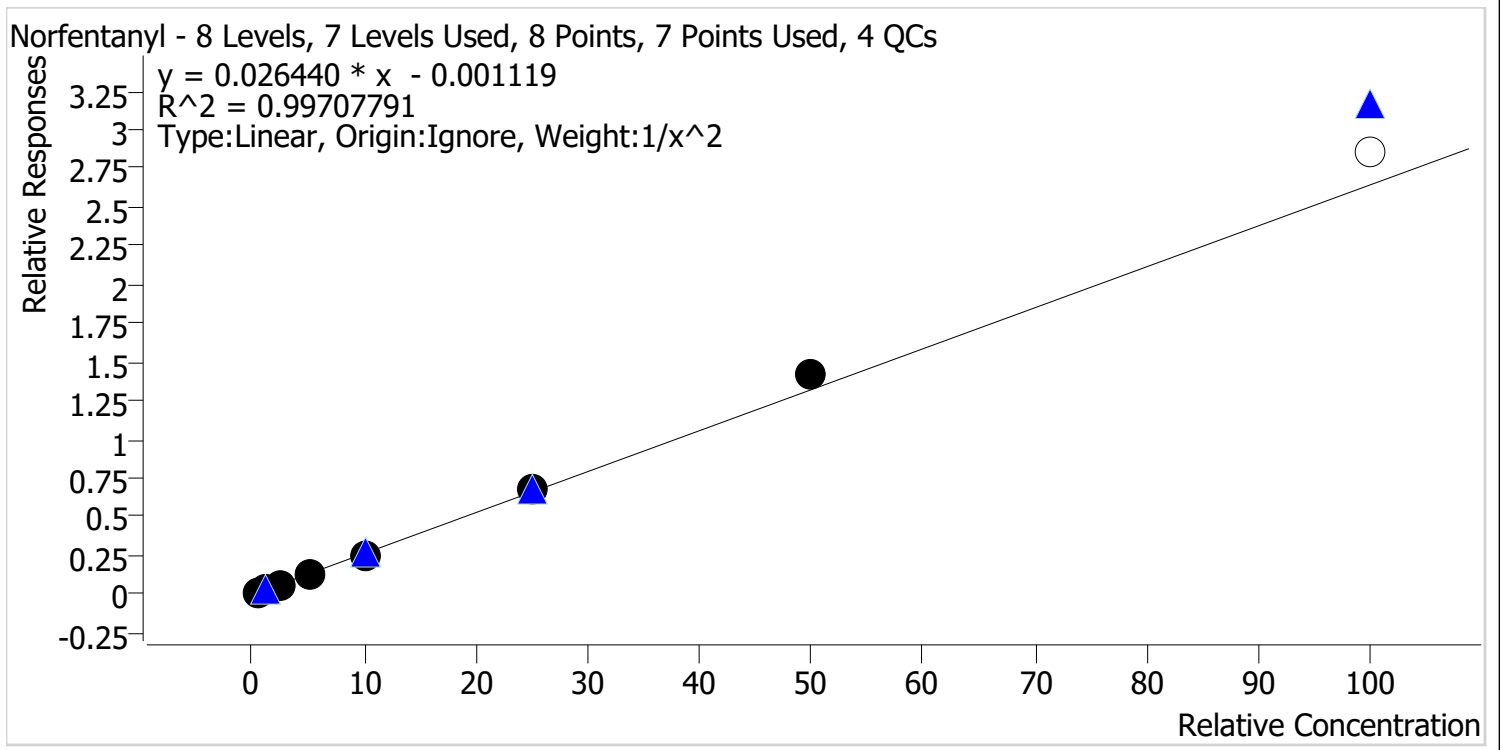


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	943.8	94.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

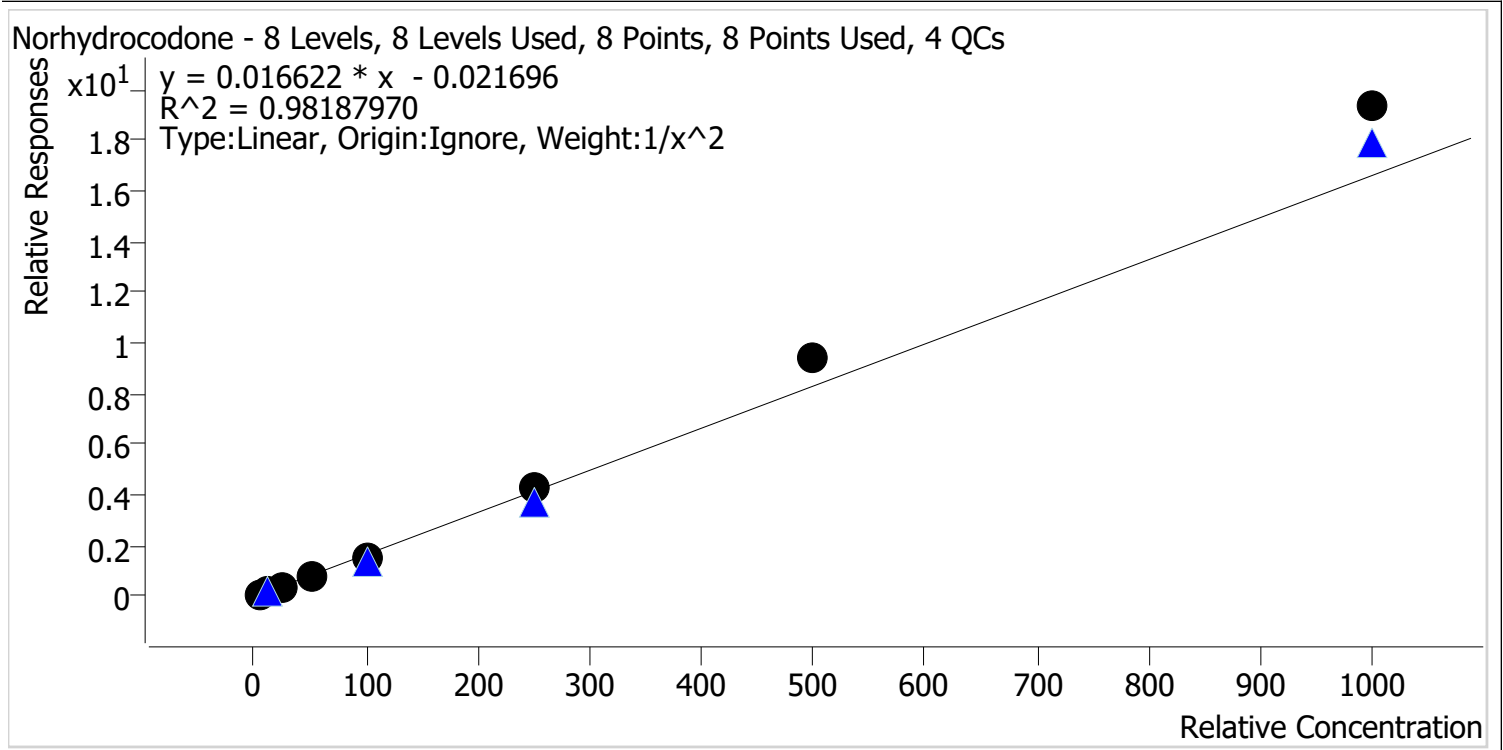


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.1
p1 Cal 2-10ng	2	✓	1.0	1.0	96.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.9	97.0
p1 Cal 5-100ng	5	✓	10.0	9.8	97.6
p1 Cal 6-250ng	6	✓	25.0	25.9	103.5
p1 Cal 7-500ng	7	✓	50.0	53.6	107.3
p1 Cal 8-1000ng	8	x	100.0	107.8	107.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

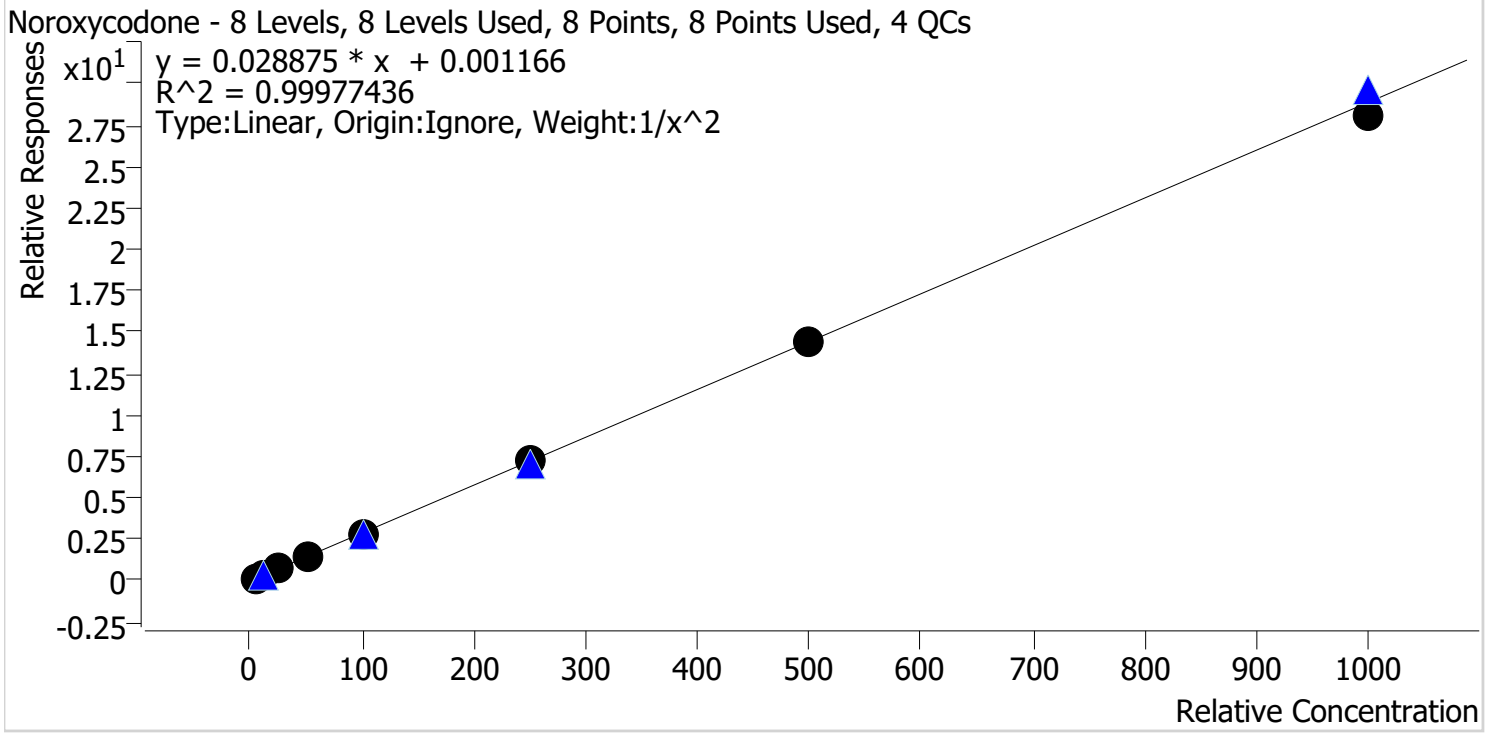


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.5
p1 Cal 2-10ng	2	✓	10.0	9.0	90.4
p1 Cal 3 -25ng	3	✓	25.0	21.9	87.6
p1 Cal 4-50ng	4	✓	50.0	44.3	88.6
p1 Cal 5-100ng	5	✓	100.0	91.8	91.8
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	566.6	113.3
p1 Cal 8-1000ng	8	✓	1000.0	1164.3	116.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

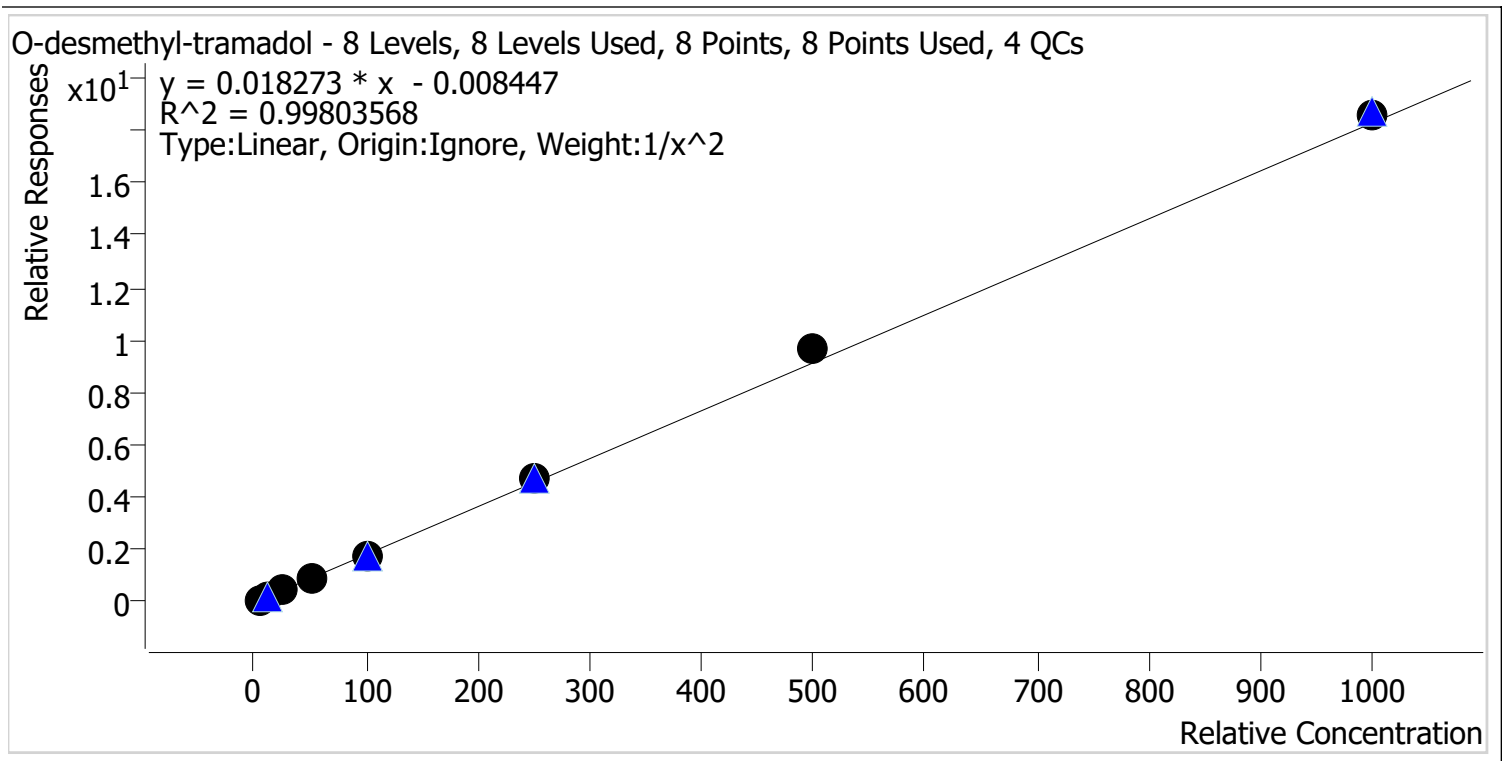


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	972.9	97.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

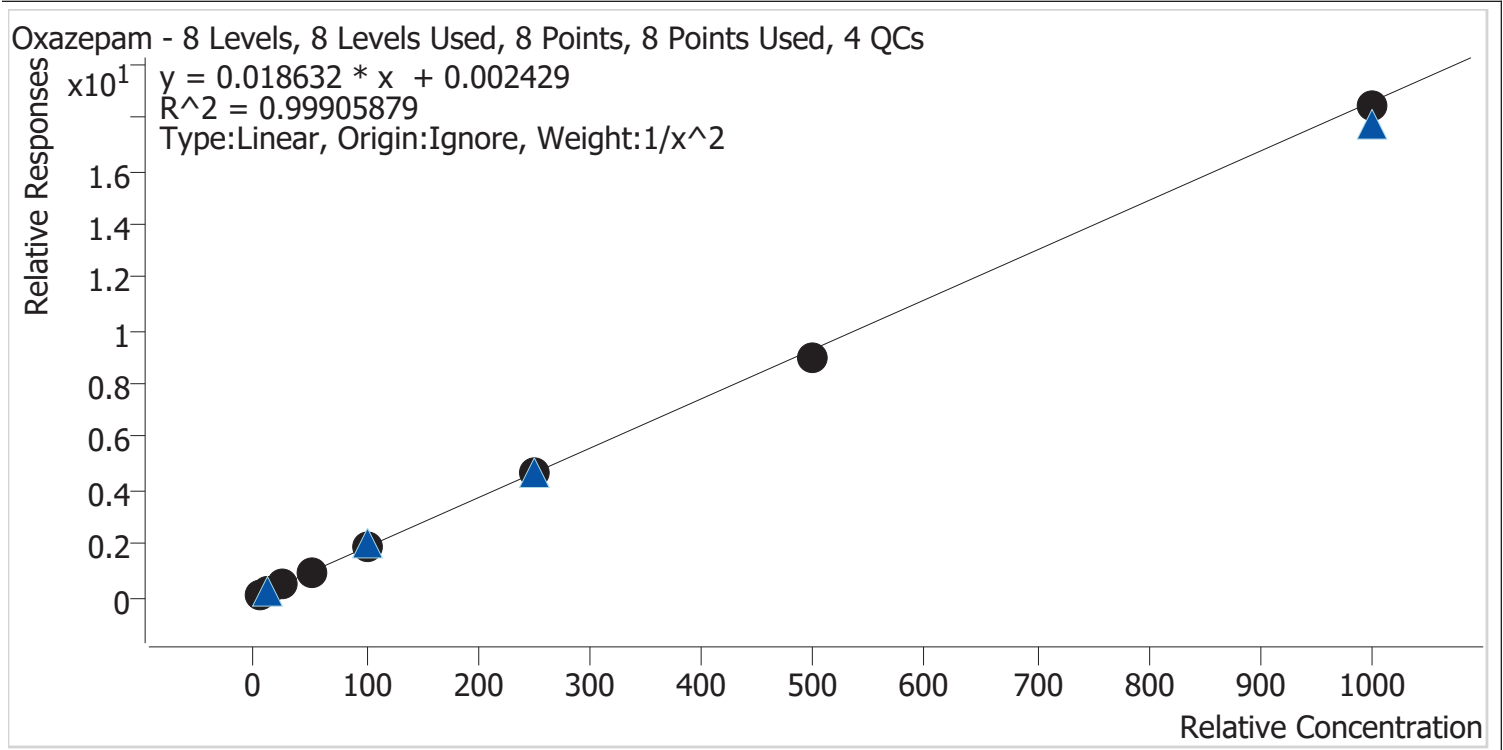


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	529.4	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1013.7	101.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 2:09 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

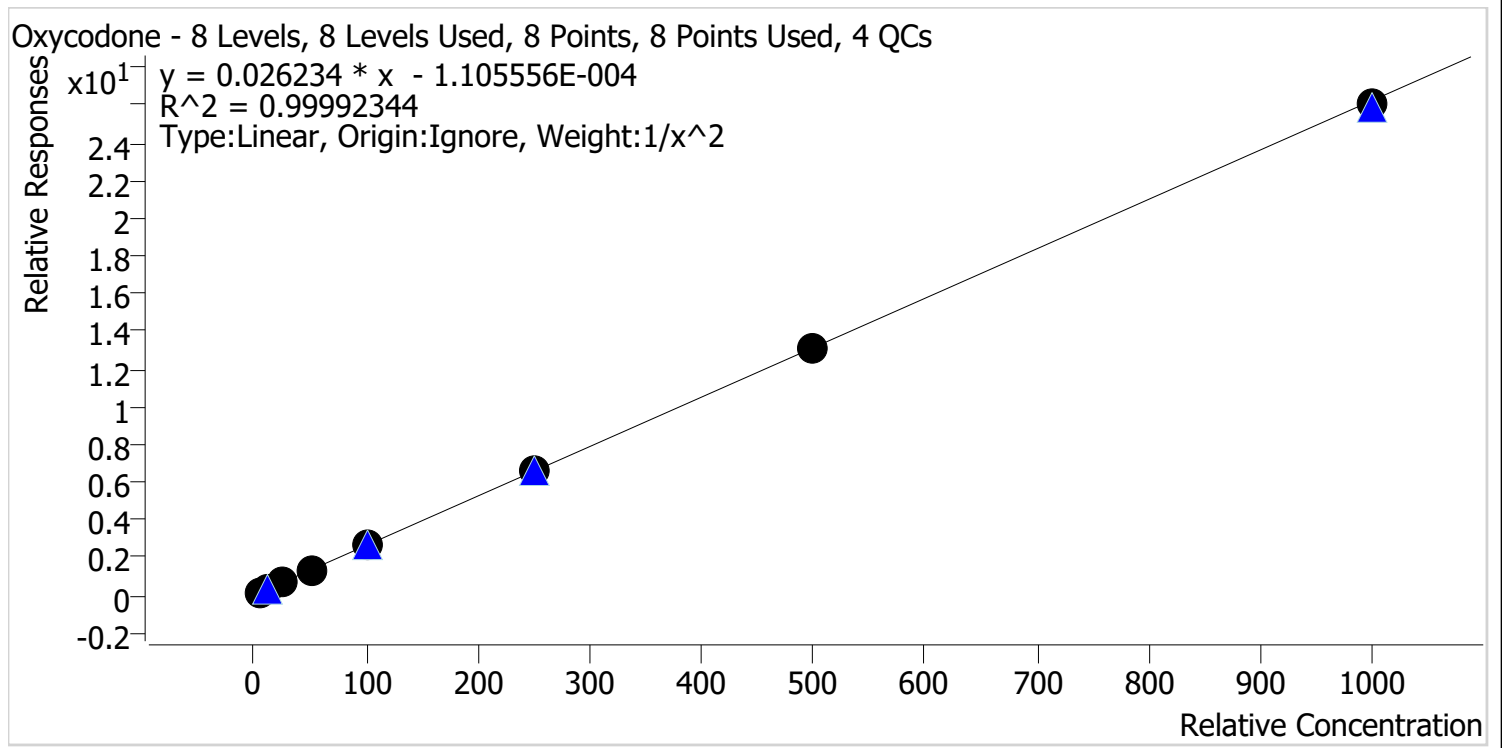


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	481.5	96.3
p1 Cal 8-1000ng	8	✓	1000.0	990.4	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

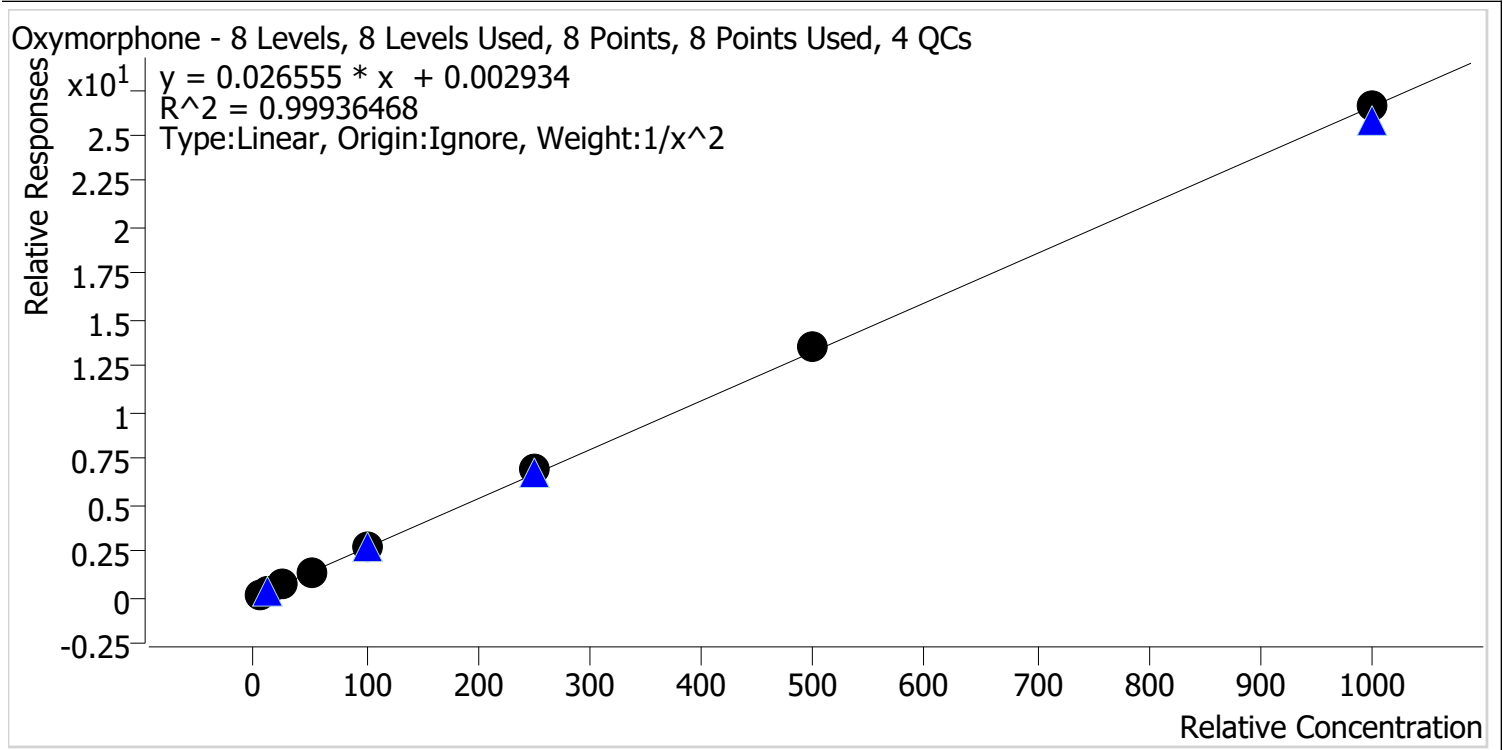


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	992.4	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

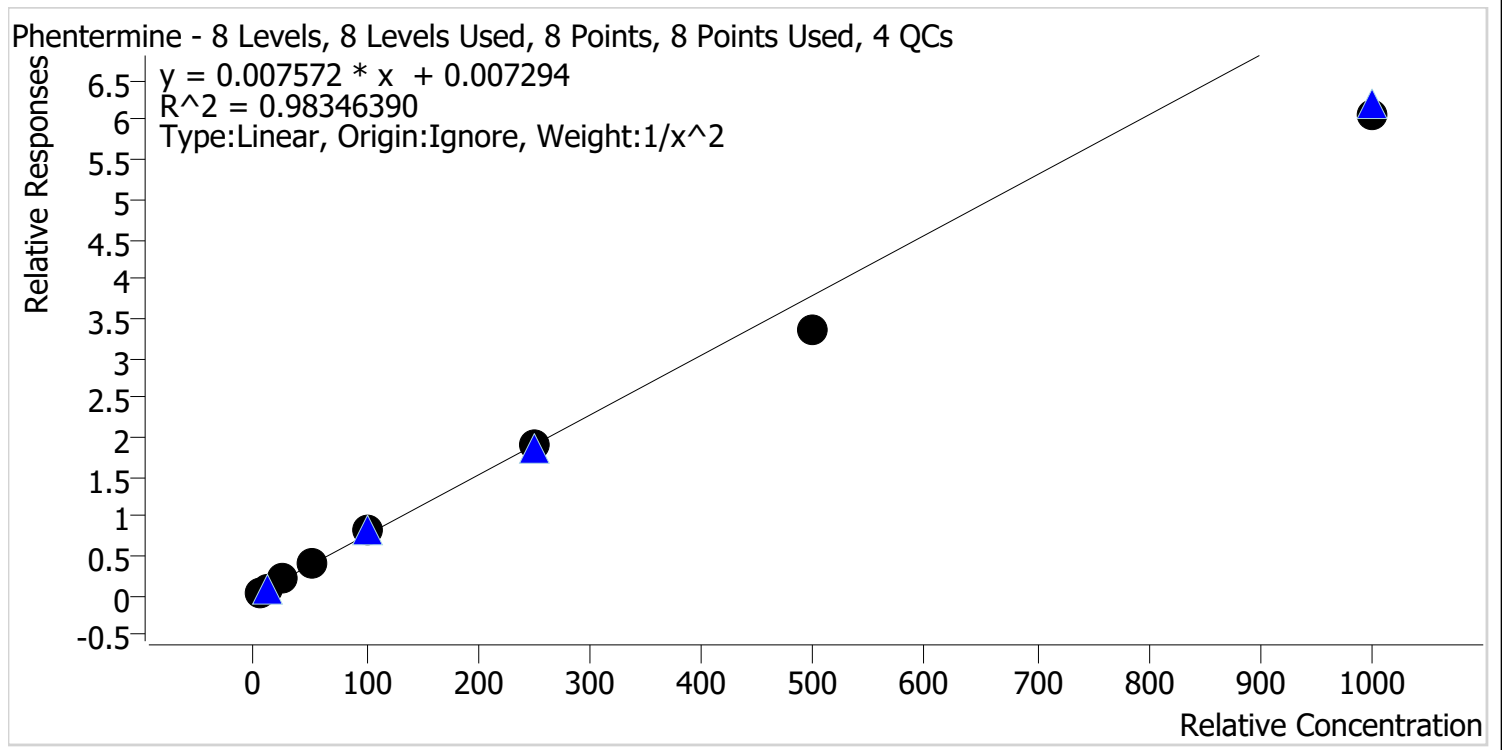


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1000.6	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

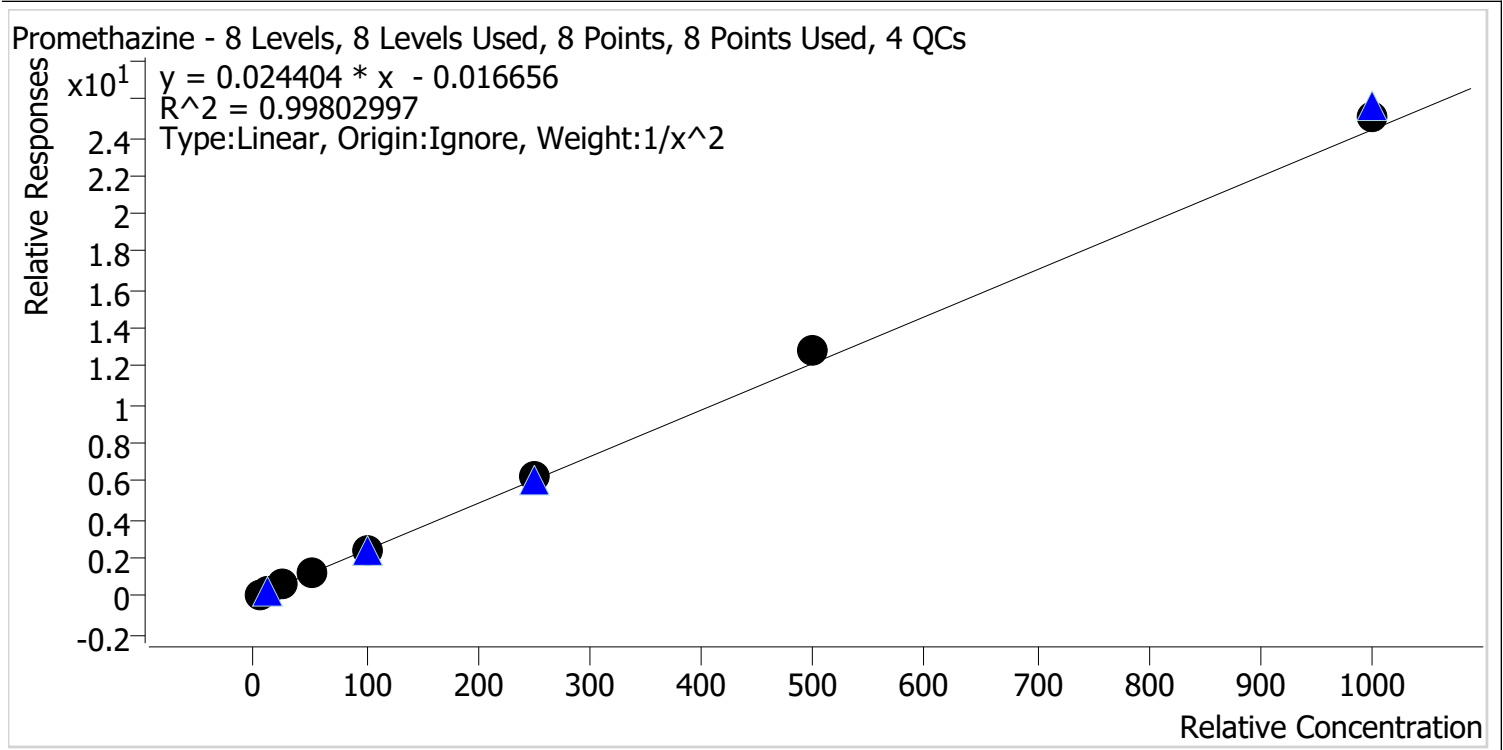


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.8
p1 Cal 4-50ng	4	✓	50.0	56.0	112.0
p1 Cal 5-100ng	5	✓	100.0	109.2	109.2
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	444.9	89.0
p1 Cal 8-1000ng	8	✓	1000.0	802.3	80.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

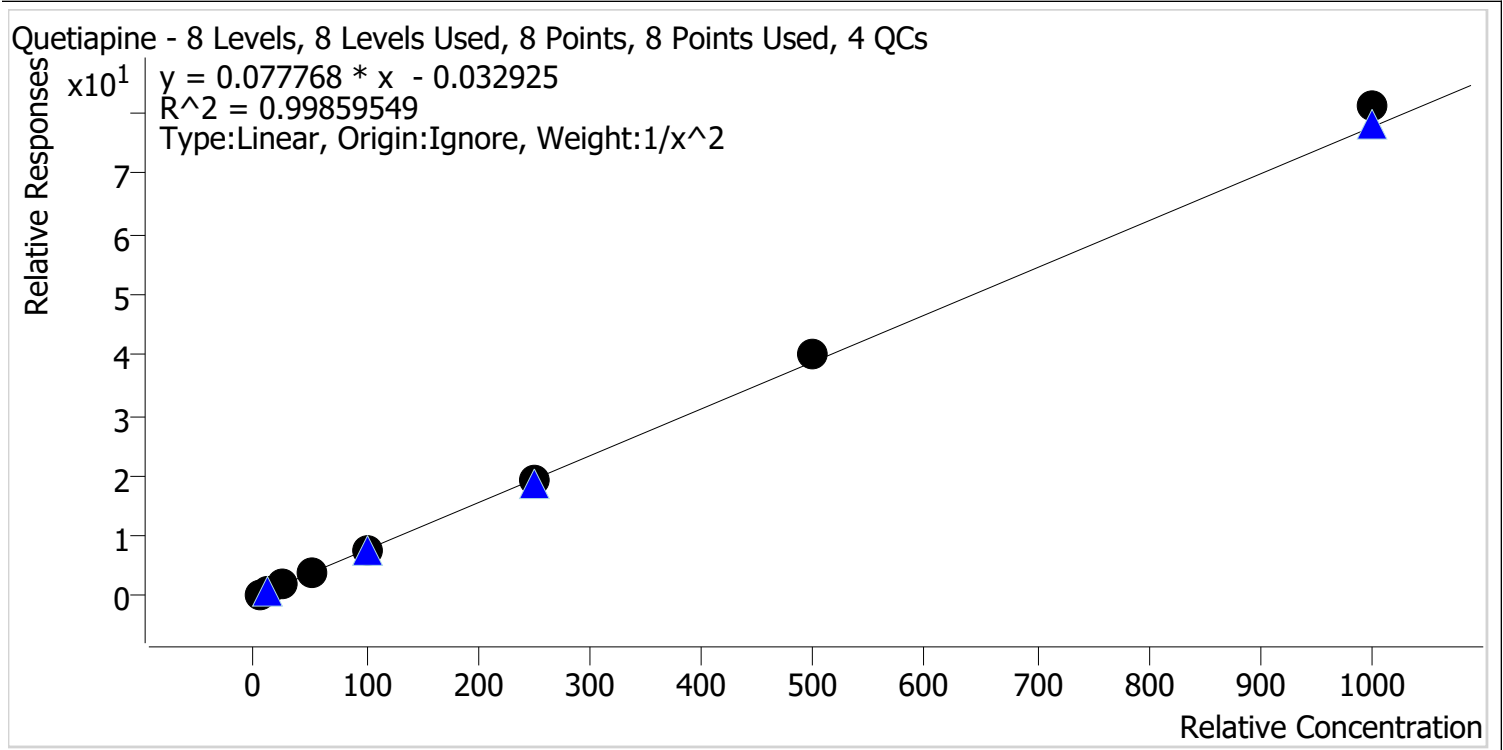


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	527.1	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1024.4	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

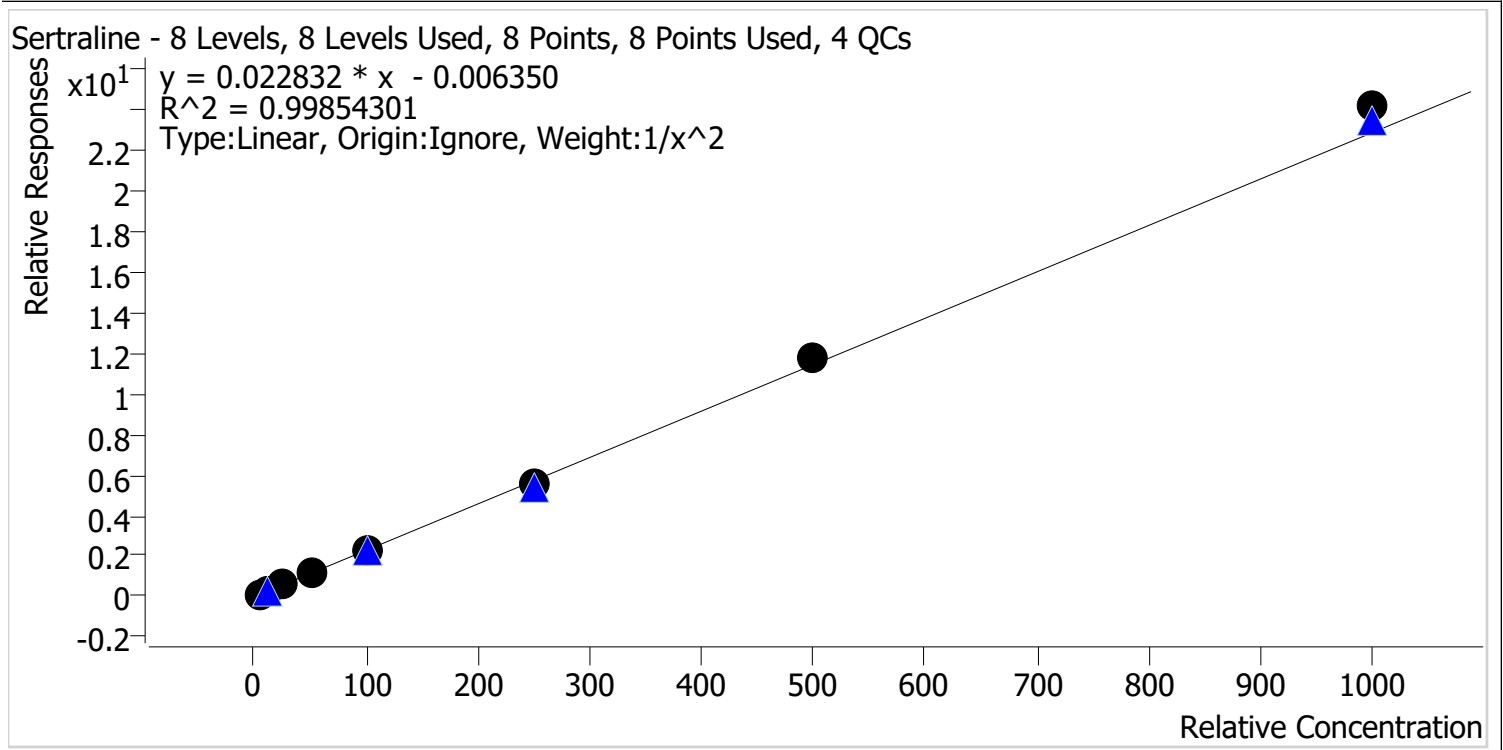


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	519.3	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1043.9	104.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

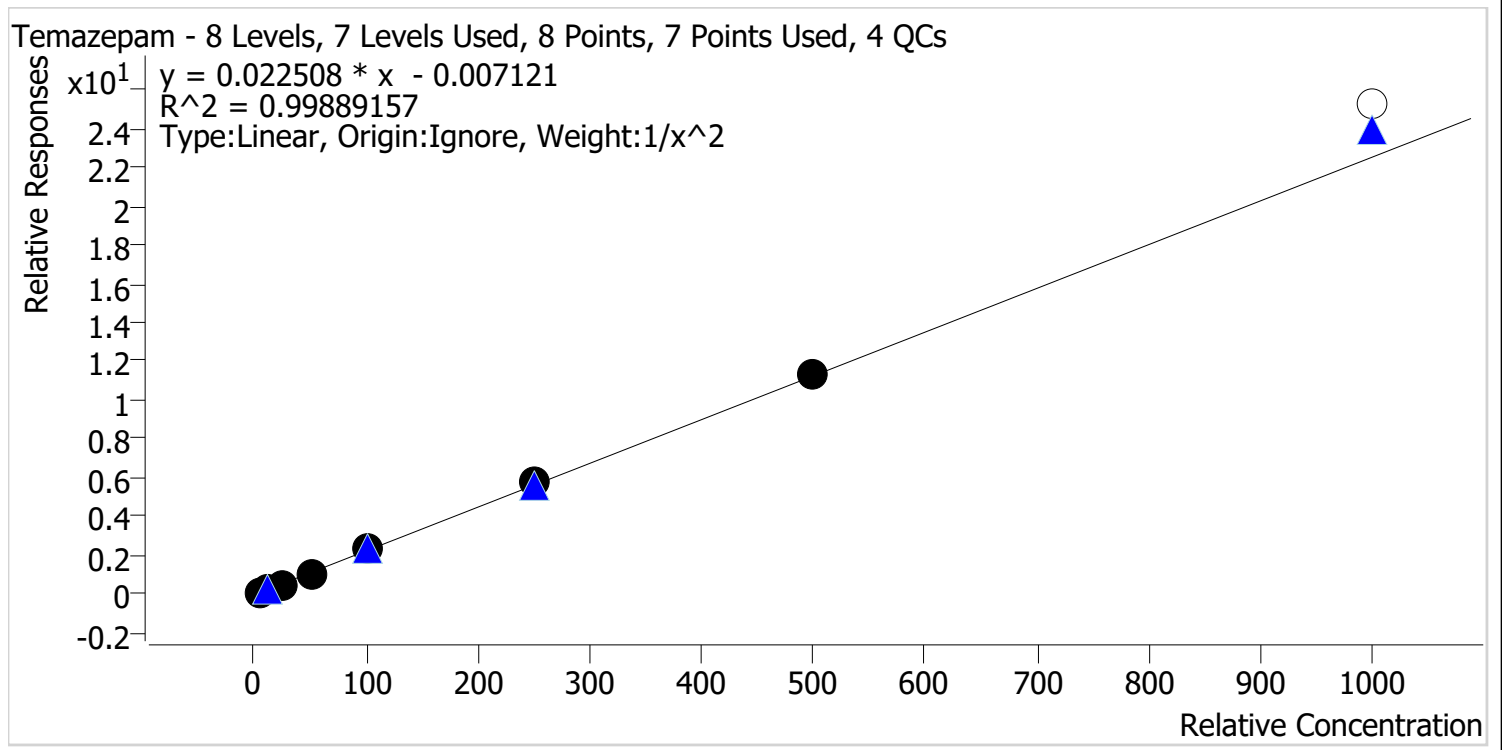


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	518.7	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1056.9	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

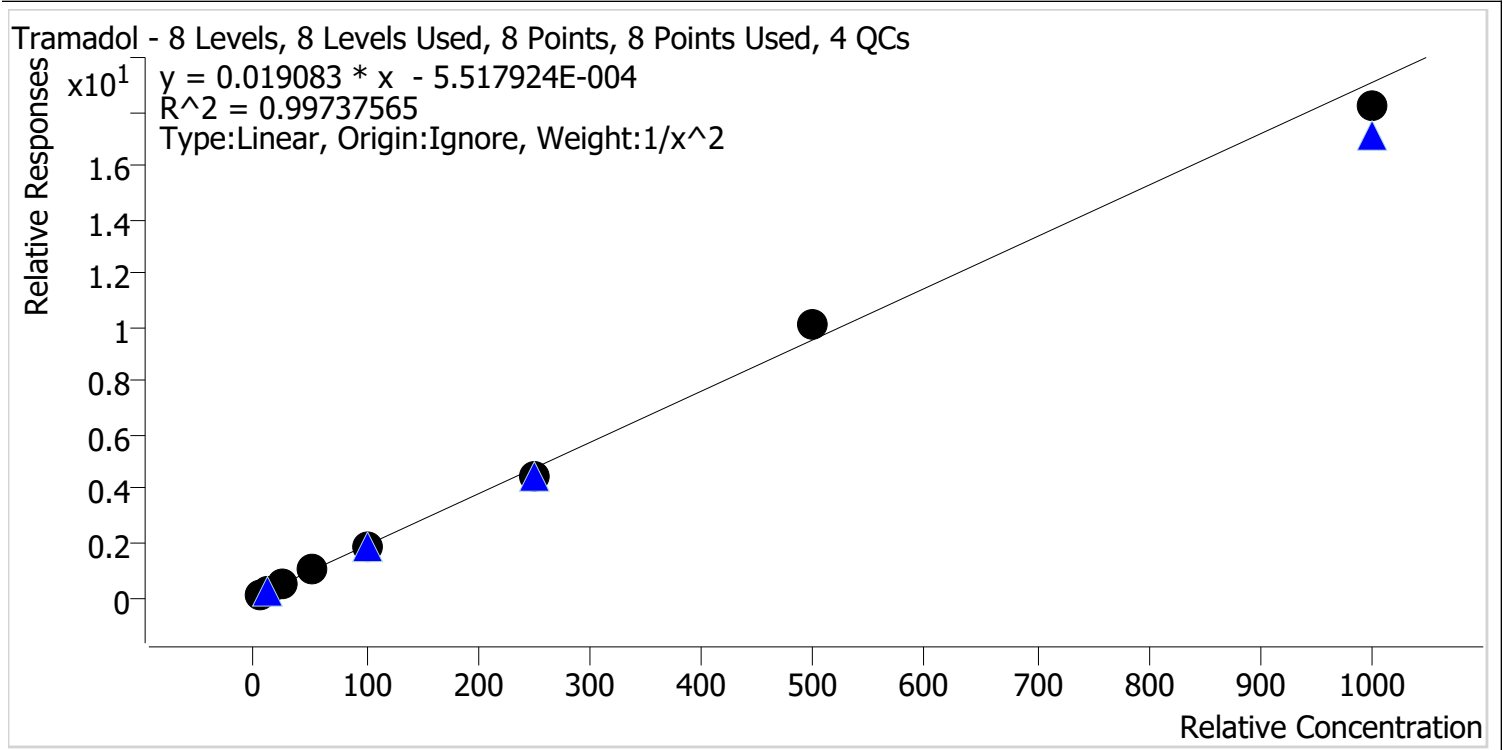


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	x	1000.0	1120.9	112.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

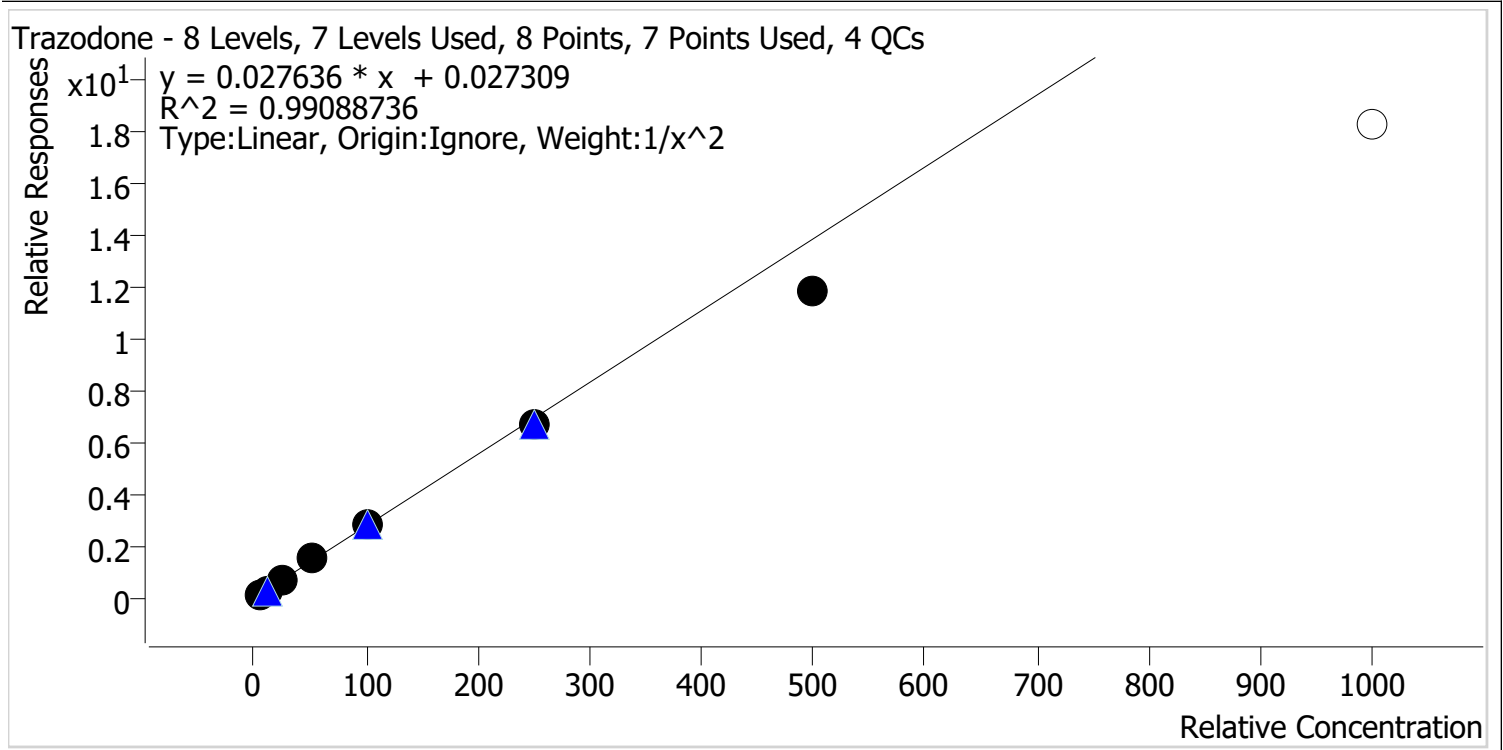


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	233.9	93.5
p1 Cal 7-500ng	7	✓	500.0	528.3	105.7
p1 Cal 8-1000ng	8	✓	1000.0	953.6	95.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

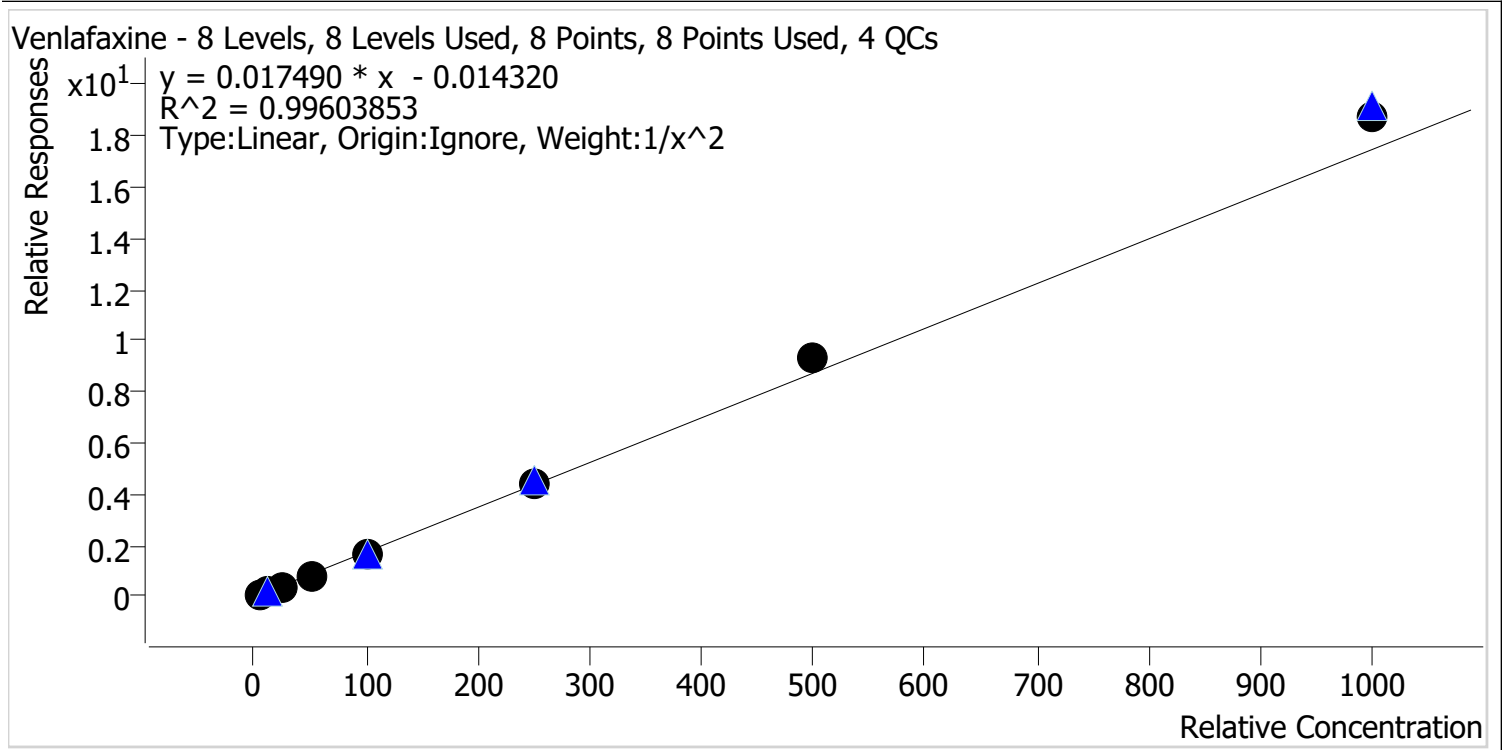


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	240.4	96.1
p1 Cal 7-500ng	7	✓	500.0	425.5	85.1
p1 Cal 8-1000ng	8	x	1000.0	658.3	65.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

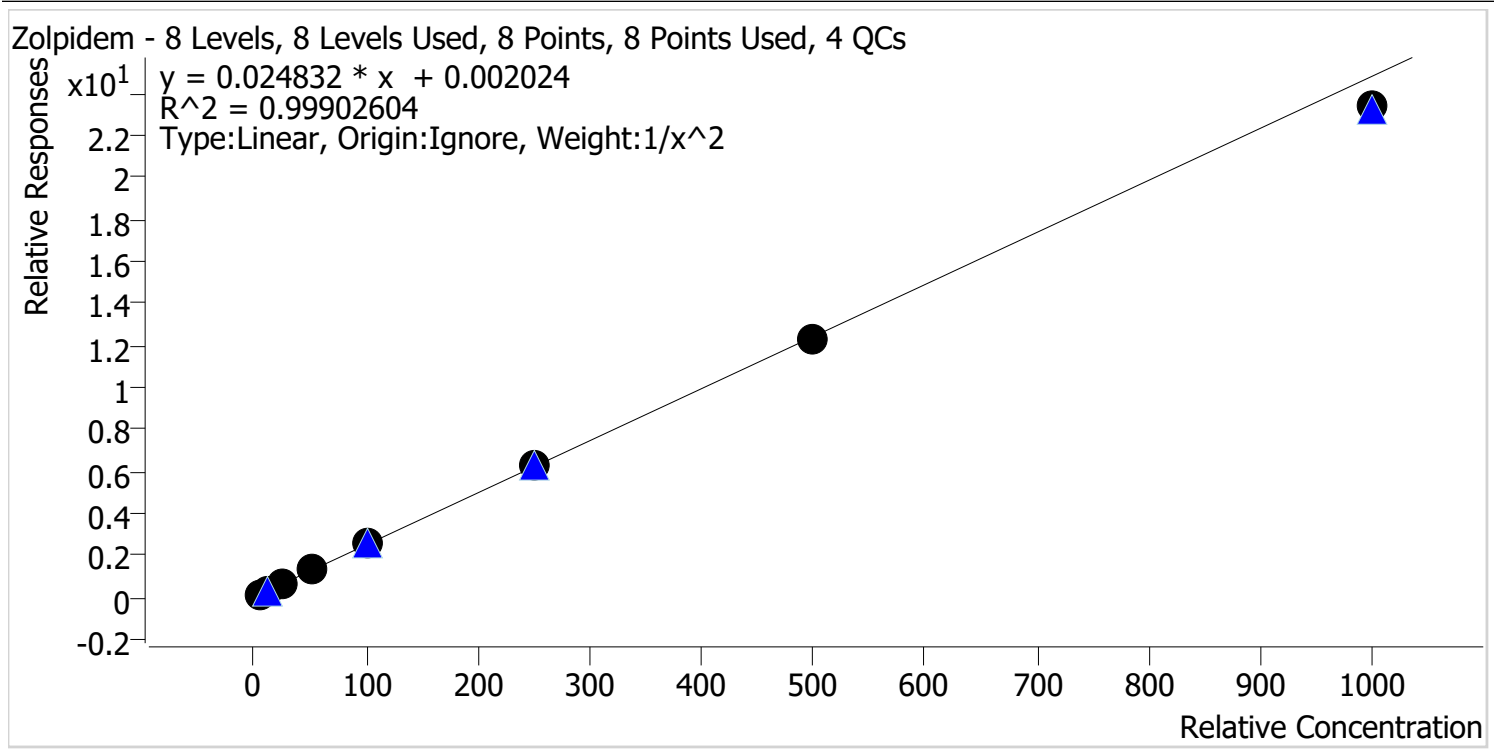


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.5	95.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	532.7	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1076.6	107.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Last Cal. Update 1/9/2024 11:08 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	494.0	98.8
p1 Cal 8-1000ng	8	✓	1000.0	942.3	94.2



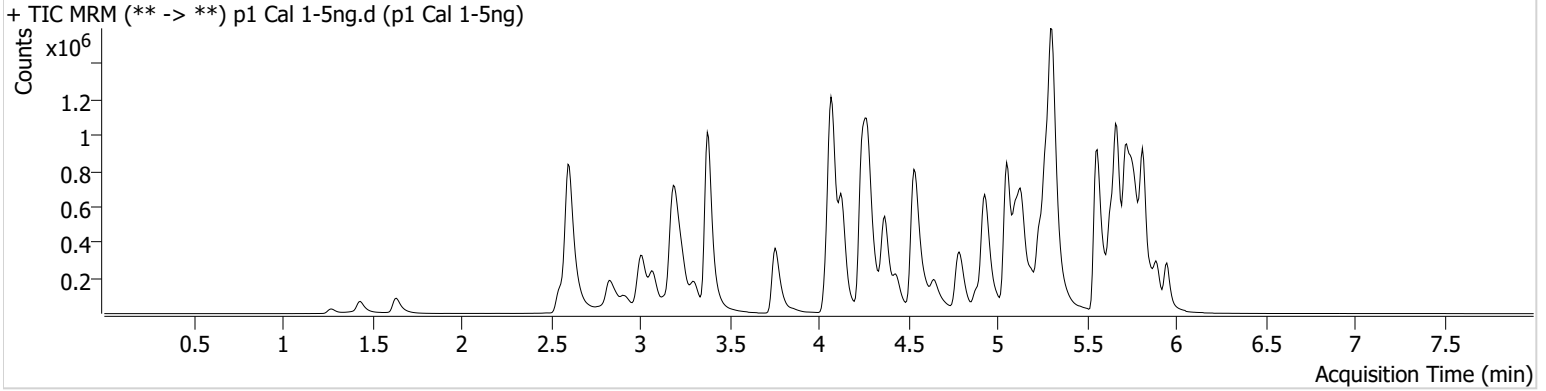
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-A1 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 9:54:40 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.150	2596	2628.70	70.5	3842.43	160286	0.5139 ng/ml
7-aminoclonazepam	4.271	45463	4468.26	77.0	59.54	379418	4.8115 ng/ml
a-hydroxyalprazolam	5.692	20504	266.92	71.8	292.96	199496	5.1511 ng/ml
alpha-PHP	4.949	43495	766.51	261.8	749.30	1358281	4.8737 ng/ml
alpha-PVP	4.376	170397	3872.92	47.5	184.98	1358281	5.1463 ng/ml
Alprazolam	5.775	76225	191.06	112.7	134.78	704419	5.2600 ng/ml
Amphetamine	3.074	253926	115.64	48.1	165.99	714358	4.8322 ng/ml
Benzoylcegonine	3.882	3577	491.23	31.0	96.78	25545	4.9790 ng/ml
Bromazolam	5.814	32902	53946.18	119.0	2289.46	329637	4.9986 ng/ml
Buprenorphine	5.888	4261	2060.55	15.0	542.63	281444	0.5174 ng/ml
Bupropion	4.799	149820	6286.50	68.3	4788.20	947902	5.0270 ng/ml
Carisoprodol	5.723	67258	170.89	62.9	379.70	612587	4.9337 ng/ml
Citalopram	5.234	123418	280.49	35.3	153866.24	1152123	5.1167 ng/ml
Clonazepam	5.611	64590	1476.71	34.7	169.78	177359	4.9202 ng/ml
Clonazolam	5.554	53544	213.00	34.0	10569.02	177359	4.9538 ng/ml
Cocaine	4.278	110729	248.35	47.6	3350.85	1837211	5.0477 ng/ml
Codeine	2.610	12997	30712.81	110.9	51881.40	153452	4.9138 ng/ml
Cyclobenzaprine	5.634	128318	228.36	8.7	95.46	1160433	5.2451 ng/ml
Dextromethorphan	5.284	88589	69.21	85.8	5398.13	830715	5.0638 ng/ml
Dextrorphan	4.130	54280	156.48	209.5	1032.62	1190391	5.1049 ng/ml
Diazepam	5.954	54375	146.85	91.6	530.80	501066	5.0503 ng/ml
Dihydrocodeine	2.581	37413	5964.77	59.3	72.72	429382	4.8429 ng/ml
Diphenhydramine	5.305	355014	13455.97	29.2	135584.34	3411494	5.1281 ng/ml
Doxylamine	4.552	290901	325.78	99.0	444.48	2728856	5.1977 ng/ml
Duloxetine	5.660	13025	341.60	12.8	68.96	143153	5.0436 ng/ml
EDDP	5.270	137893	285.51	42.3	1546.29	1465040	5.1054 ng/ml
Etizolam	5.814	31730	9874.01	26.9	10421.53	177359	5.2045 ng/ml
Fentanyl	5.117	11650	61.93	78.3	1059.87	1358654	0.5111 ng/ml
Fluorofentanyl	5.171	32869	212.76	39.7	714.61	11426	0.4916 ng/ml
Fluoxetine	5.720	139835	13947.29	7.4	79.49	1009474	5.0235 ng/ml
Hydrocodone	3.043	55550	308.84	31.7	33.75	587663	4.9403 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.642	39378	63605.61	75.0	72203.53	252101	5.0236 ng/ml
Hydroxyzine	5.724	126468	8026.42	76.9	1179.74	830715	5.1707 ng/ml
Ketamine	4.062	99186	754.61	35.2	101.63	857746	4.8864 ng/ml
Lamotrigine	4.293	10313	2198.26	76.8	171.63	2533171	4.7856 ng/ml
Lorazepam	5.747	64078	276.38	48.4	43.78	866356	4.8386 ng/ml
MDA	3.221	153175	1298.66	33.3	1303.08	1041298	4.7958 ng/ml
MDMA	3.309	104181	81514.35	96.5	1077.86	245752	5.1265 ng/ml
Meprobamate	4.909	36304	409.31	33.0	1422.42	334081	4.7043 ng/ml
Methadone	5.666	236562	30257.79	46.8	767.81	1809724	5.1572 ng/ml
Methamphetamine	3.243	250184	267.17	38.8	384.20	1698193	4.9023 ng/ml
Metoprolol	4.333	29839	941.54	101.8	403.11	2306327	4.8365 ng/ml
Mirtazapine	4.648	234201	710.50	50.8	31224.02	1358281	5.1462 ng/ml
Mitragynine	5.252	41461	1160.57	36.8	22.93	1809724	4.9570 ng/ml
Morphine	1.281	7591	1751.72	31.6	1850.56	26993	4.8939 ng/ml
Norbuprenorphine	5.006	648	522.38	111.9	486.97	49685	0.6160 ng/ml
Nordiazepam	5.894	58079	544.98	57.8	217.19	377701	5.0206 ng/ml
Norfentanyl	4.090	23438	663.83	37.4	171.58	1872995	0.5156 ng/ml
Norhydrocodone	3.084	12411	49.90	32.8	16.79	181146	5.4270 ng/ml
Noroxycodone	2.934	36895	372.78	46.7	94.13	253241	5.0052 ng/ml
O-desmethyl-tramadol	3.383	244058	1088.36	5.7	59.22	2849097	5.1502 ng/ml
o-desmethylvenlafaxine	4.082	327777	15144.86	16.5	169.15	560207	5.1582 ng/ml
Olanzapine	4.510	48941	150.35	44.3	294.02	199096	4.8837 ng/ml
Oxazepam	5.756	83827	1998.54	88.0	96.45	866356	5.0627 ng/ml
Oxycodone	2.859	96159	509.24	28.2	1177.84	732182	5.0104 ng/ml
Oxymorphone	1.439	29633	540.04	46.7	240.14	216329	5.0479 ng/ml
Phentermine	3.792	51910	86.44	7.5	76.75	1198311	4.7579 ng/ml
Promethazine	5.558	206160	243.32	33.3	662.88	1894626	5.1414 ng/ml
Pseudoephedrine	2.613	286837	2819.83	17.3	2458.79	2533171	5.1933 ng/ml
Quetiapine	5.574	167925	14200.59	56.0	161356.71	459996	5.1176 ng/ml
Sertraline	5.789	39212	131.98	98.1	201.41	359197	5.0595 ng/ml
Temazepam	5.817	142657	829.47	28.1	25.42	1320843	5.1148 ng/ml
Tramadol	4.252	213600	∞	3.7	29.41	2306327	4.8823 ng/ml
Trazodone	5.191	227055	274.29	57.8	94.80	1417082	4.8096 ng/ml
Venlafaxine	5.051	187875	2110.01	41.5	70.27	2450334	5.2027 ng/ml
Xylazine	4.083	91363	96090.47	45.2	286.98	650701	5.0498 ng/ml
Zolpidem	4.947	230749	157621.60	27.6	107710.76	1850768	4.9394 ng/ml



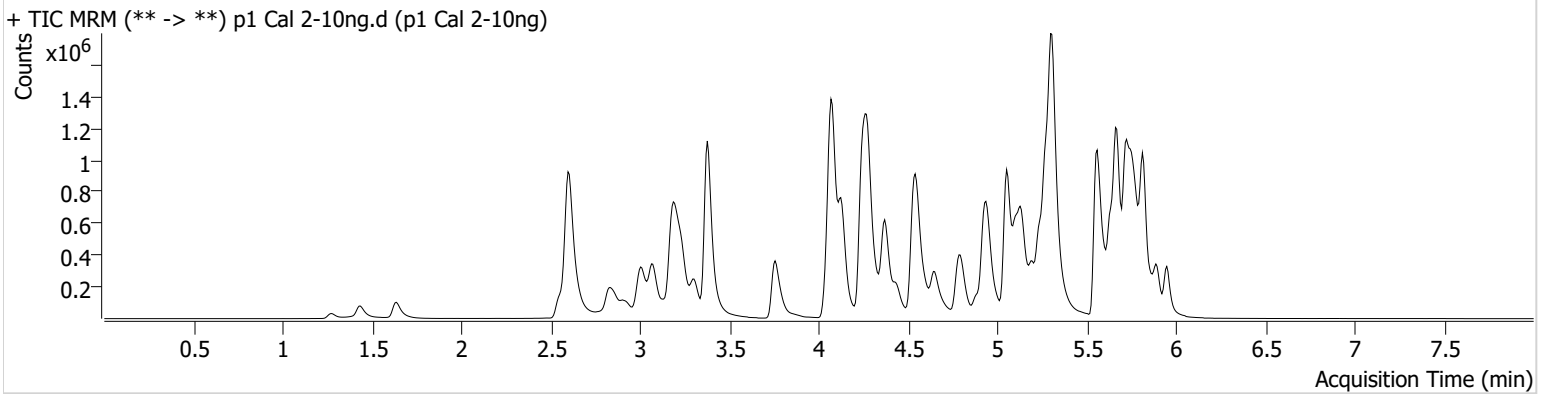
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-B1 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 10:05:27 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.150	5001	26.29	75.0	517.66	163844	0.9595 ng/ml
7-aminoclonazepam	4.264	89857	66.83	76.7	3551.24	373455	10.3293 ng/ml
a-hydroxyalprazolam	5.692	42166	132.40	67.9	358.84	200815	9.7057 ng/ml
alpha-PHP	4.949	84357	1657.27	264.1	1471.69	1356116	10.0419 ng/ml
alpha-PVP	4.376	332913	282.20	49.2	2084.49	1356116	9.6913 ng/ml
Alprazolam	5.769	144440	291.41	116.2	590.46	684948	9.4701 ng/ml
Amphetamine	3.074	490668	9744.78	48.4	446.09	697944	10.3185 ng/ml
Benzoylcegonine	3.882	7093	∞	38.2	122.57	24279	10.1863 ng/ml
Bromazolam	5.814	63259	4290.57	119.2	55590.98	319690	9.9506 ng/ml
Buprenorphine	5.888	7248	2724.76	16.1	870.74	294879	0.8952 ng/ml
Bupropion	4.799	301392	339.17	67.7	247.95	955176	9.9141 ng/ml
Carisoprodol	5.723	131750	1298.96	59.5	472.23	587044	10.1801 ng/ml
Citalopram	5.234	245762	119.71	34.5	148733.88	1137401	9.8047 ng/ml
Clonazepam	5.611	138837	1371.23	35.3	486.04	193095	10.0553 ng/ml
Clonazolam	5.554	113173	62305.32	33.9	41383.81	193095	10.1057 ng/ml
Cocaine	4.278	220968	6095.63	51.5	320.05	1831697	9.9039 ng/ml
Codeine	2.610	24566	34829.73	113.1	30933.65	153982	9.8621 ng/ml
Cyclobenzaprine	5.634	242500	258868.50	9.8	408.44	1137881	9.4162 ng/ml
Dextromethorphan	5.284	170449	703.70	83.4	14833.46	812389	9.7447 ng/ml
Dextrorphan	4.130	105979	187.41	209.8	589.86	1190381	9.7636 ng/ml
Diazepam	5.954	107768	167.61	92.7	933.59	503542	9.8635 ng/ml
Dihydrocodeine	2.581	72473	5841.35	62.1	710.24	429017	10.0528 ng/ml
Diphenhydramine	5.305	693710	12458.80	29.3	376.01	3368007	9.6753 ng/ml
Doxylamine	4.552	569808	2744.83	100.8	8271.40	2708548	9.5510 ng/ml
Duloxetine	5.660	25471	663.46	13.5	362.97	140063	9.9664 ng/ml
EDDP	5.270	283294	3742.63	41.8	5882.70	1498716	9.8316 ng/ml
Etizolam	5.814	64397	74710.28	27.7	14288.79	193095	9.6029 ng/ml
Fentanyl	5.117	23383	756.88	75.8	16851.99	1347965	0.9790 ng/ml
Fluorofentanyl	5.178	63780	134.69	39.8	5145.57	10998	1.0124 ng/ml
Fluoxetine	5.720	272926	631.98	7.0	444.75	1000140	9.9046 ng/ml
Hydrocodone	3.036	105448	1497.05	33.0	99.51	573803	9.9796 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.642	77481	1767.64	74.3	562.34	251166	9.8698 ng/ml
Hydroxyzine	5.724	246138	17210.43	76.8	178946.50	812389	9.6299 ng/ml
Ketamine	4.062	190948	471.13	37.4	1517.16	856129	10.0493 ng/ml
Lamotrigine	4.293	20848	371.64	78.5	15690.74	2520346	10.4020 ng/ml
Lorazepam	5.747	126677	374.40	47.8	120.54	876859	10.3947 ng/ml
MDA	3.215	296931	1547.37	34.0	663.12	1018092	10.3320 ng/ml
MDMA	3.309	201702	5323.83	96.9	1385.39	242542	9.6478 ng/ml
Meprobamate	4.909	72536	934.45	31.9	174.11	326830	10.5978 ng/ml
Methadone	5.666	464814	881.63	46.4	289.45	1801758	9.5826 ng/ml
Methamphetamine	3.236	465245	1951.55	39.4	1139.98	1674521	10.0500 ng/ml
Metoprolol	4.333	57729	519.75	105.1	1051.47	2291853	10.1364 ng/ml
Mirtazapine	4.648	451004	28732.02	50.8	1210.23	1356116	9.5644 ng/ml
Mitragynine	5.252	80872	74377.64	39.1	21559.75	1801758	9.6180 ng/ml
Morphine	1.281	15135	2003.58	31.0	204.61	26637	10.2013 ng/ml
Norbuprenorphine	5.013	1080	481.76	89.7	2036.36	50903	1.0451 ng/ml
Nordiazepam	5.894	113071	535.80	59.2	226.19	382333	9.7915 ng/ml
Norfentanyl	4.090	45135	1620.62	36.4	51.61	1856630	0.9618 ng/ml
Norhydrocodone	3.084	22906	88.34	36.3	82.56	178134	9.0409 ng/ml
Noroxycodone	2.934	72106	307.10	48.2	3091.49	250647	9.9225 ng/ml
O-desmethyl-tramadol	3.383	481787	17477.09	5.9	1287.17	2878848	9.6209 ng/ml
o-desmethylvenlafaxine	4.075	642009	∞	16.5	298.37	561742	9.6014 ng/ml
Olanzapine	4.510	89679	68244.71	46.0	143.57	187223	10.1210 ng/ml
Oxazepam	5.756	159828	3156.12	73.4	39.71	876859	9.6524 ng/ml
Oxycodone	2.859	188430	1141.05	28.1	1024.38	723862	9.9270 ng/ml
Oxymorphone	1.433	59290	4934.29	46.1	∞	221777	9.9570 ng/ml
Phentermine	3.792	100849	201.46	8.1	1047.38	1188545	10.2430 ng/ml
Promethazine	5.558	410710	13261.18	31.9	484.07	1869224	9.6862 ng/ml
Pseudoephedrine	2.613	563373	411.99	17.2	2602.29	2520346	9.5903 ng/ml
Quetiapine	5.574	330743	133734.69	55.8	331.12	462993	9.6091 ng/ml
Sertraline	5.789	73124	145.84	97.1	158979.06	330664	9.9638 ng/ml
Temazepam	5.817	280419	1970.00	28.1	315.01	1331480	9.6733 ng/ml
Tramadol	4.252	449449	335.43	3.7	42.49	2291853	10.3057 ng/ml
Trazodone	5.191	446067	664378.62	58.3	275488.37	1427150	10.3216 ng/ml
Venlafaxine	5.051	370844	4631.40	40.6	529.02	2441126	9.5048 ng/ml
Xylazine	4.083	179180	210298.45	45.6	275.64	648838	9.8577 ng/ml
Zolpidem	4.947	464349	955902.82	27.2	476.82	1833184	10.1192 ng/ml



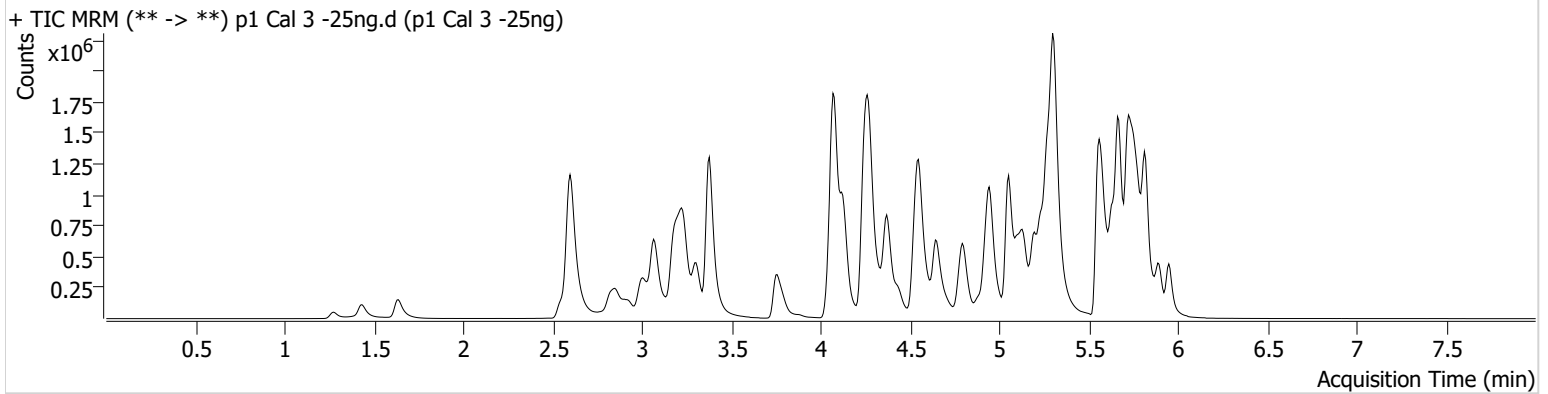
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-C1 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 10:16:05 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.143	12098	22060.07	77.5	239.08	153390	2.4634 ng/ml
7-aminoclonazepam	4.264	220863	3082.10	79.6	4454.64	364813	26.9943 ng/ml
a-hydroxyalprazolam	5.692	96657	280.36	67.9	268.89	177331	23.9436 ng/ml
alpha-PHP	4.943	207571	1063.96	260.3	1853.33	1296019	26.8148 ng/ml
alpha-PVP	4.376	806394	230.13	48.9	264.49	1296019	23.9547 ng/ml
Alprazolam	5.769	344892	327.44	117.6	∞	650780	22.5553 ng/ml
Amphetamine	3.067	1157440	27385.31	47.9	259.25	672818	26.3763 ng/ml
Benzoylcegonine	3.882	17830	113.17	35.6	314.26	25035	24.5635 ng/ml
Bromazolam	5.807	149164	185227.72	120.5	5409.64	296030	25.4037 ng/ml
Buprenorphine	5.888	19186	384.29	14.0	1652.49	282842	2.6265 ng/ml
Bupropion	4.799	728844	16510.91	67.8	245.40	914183	24.8637 ng/ml
Carisoprodol	5.723	303280	7250.77	60.7	1994.02	546863	25.2895 ng/ml
Citalopram	5.234	584856	8181.06	36.1	7348.36	1078452	23.8421 ng/ml
Clonazepam	5.611	339059	789.27	35.2	584.50	184865	26.1925 ng/ml
Clonazolam	5.547	267573	204635.93	34.3	103525.60	184865	25.7186 ng/ml
Cocaine	4.271	536306	13979.73	52.1	189648.74	1756353	24.7637 ng/ml
Codeine	2.603	58924	158.89	113.0	153.64	143917	26.3842 ng/ml
Cyclobenzaprine	5.634	610250	18004.21	8.8	238.20	1097525	23.3652 ng/ml
Dextromethorphan	5.277	420850	372.28	81.4	5304.87	768900	25.0590 ng/ml
Dextrorphan	4.130	255833	4714.16	208.5	48359.54	1139911	24.2880 ng/ml
Diazepam	5.954	257229	∞	92.0	251.17	478045	24.6481 ng/ml
Dihydrocodeine	2.575	180868	9912.23	59.7	3433.65	413154	27.1760 ng/ml
Diphenhydramine	5.305	1698334	46386.75	29.2	12227.63	3176577	24.3412 ng/ml
Doxylamine	4.552	1416707	25917.11	100.0	47224.75	2597745	23.6037 ng/ml
Duloxetine	5.660	61692	470.87	12.6	7998.71	139181	24.1282 ng/ml
EDDP	5.270	688164	583.02	42.4	7265.18	1449734	24.0579 ng/ml
Etizolam	5.814	149272	114665.49	27.2	2119.12	184865	23.0879 ng/ml
Fentanyl	5.117	56673	70.69	78.3	57.26	1283040	2.4095 ng/ml
Fluorofentanyl	5.171	160834	311.42	37.9	11403.31	11040	2.5751 ng/ml
Fluoxetine	5.720	661370	26442.24	7.4	18875.19	958632	25.0538 ng/ml
Hydrocodone	3.036	257751	1114.43	33.2	470.27	554781	25.8371 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.636	191217	3696.17	75.1	2243.14	240888	25.3144 ng/ml
Hydroxyzine	5.724	597765	3680.73	77.8	3234.23	768900	23.6650 ng/ml
Ketamine	4.056	461468	920.29	36.6	101.93	811038	26.6796 ng/ml
Lamotrigine	4.293	48739	659.41	83.8	49053.41	2369056	26.8495 ng/ml
Lorazepam	5.747	276038	902.03	49.6	233.56	791445	26.4953 ng/ml
MDA	3.215	684207	4126.91	33.6	4040.43	943197	26.9441 ng/ml
MDMA	3.302	498391	5278.38	95.9	5935.14	231204	24.3313 ng/ml
Meprobamate	4.902	168604	341.61	33.6	87.80	311524	27.2108 ng/ml
Methadone	5.666	1153718	789.57	47.8	14438.09	1723219	23.8935 ng/ml
Methamphetamine	3.236	1121709	3479.53	39.7	298.68	1623700	26.3392 ng/ml
Metoprolol	4.333	141336	3134.88	104.0	1621.61	2185833	27.2126 ng/ml
Mirtazapine	4.648	1126143	16565.80	50.3	6389.75	1296019	24.3619 ng/ml
Mitragynine	5.252	216475	297397.68	38.1	141044.75	1723219	26.7424 ng/ml
Morphine	1.274	36971	141.20	30.5	644.90	25758	26.2381 ng/ml
Norbuprenorphine	5.006	2278	1303.15	109.2	454.54	51263	2.2639 ng/ml
Nordiazepam	5.894	268850	429.06	57.7	1377.76	351573	25.5513 ng/ml
Norfentanyl	4.090	106935	261.19	38.1	113.21	1727618	2.3834 ng/ml
Norhydrocodone	3.077	55745	154.90	37.5	315.15	162797	21.9051 ng/ml
Noroxycodone	2.927	171918	871.01	48.6	1574.67	236171	25.1697 ng/ml
O-desmethyl-tramadol	3.376	1184370	3134.05	5.8	185.22	2741062	24.1086 ng/ml
o-desmethylvenlafaxine	4.075	1546265	30227.64	16.6	772.67	526314	23.9003 ng/ml
Olanzapine	4.510	212836	412.98	48.8	473.16	175906	26.5380 ng/ml
Oxazepam	5.756	374403	217.92	72.4	453.22	791445	25.2592 ng/ml
Oxycodone	2.852	459944	859.31	27.9	1168.02	694294	25.2565 ng/ml
Oxymorphone	1.433	143523	386.21	47.3	299.07	220942	24.3519 ng/ml
Phentermine	3.785	249770	583.77	7.8	439.39	1151086	27.6942 ng/ml
Promethazine	5.558	1031724	1501.98	32.8	226.01	1816923	23.9513 ng/ml
Pseudoephedrine	2.606	1362275	23567.74	17.3	16693.98	2369056	23.6025 ng/ml
Quetiapine	5.574	829720	34112.36	55.7	703881.28	433631	25.0276 ng/ml
Sertraline	5.789	181209	299.39	96.3	255.68	331264	24.2368 ng/ml
Temazepam	5.817	662734	6840.78	28.3	389.41	1229584	24.2628 ng/ml
Tramadol	4.252	1076989	76.64	3.7	61.05	2185833	25.8490 ng/ml
Trazodone	5.191	1056530	736678.73	61.3	243370.58	1377886	26.7574 ng/ml
Venlafaxine	5.051	918647	34557.09	40.2	7140.34	2287121	23.7844 ng/ml
Xylazine	4.083	426982	505574.65	46.3	1276.53	611031	24.8263 ng/ml
Zolpidem	4.947	1115262	415012.74	27.9	233175.68	1753780	25.5275 ng/ml



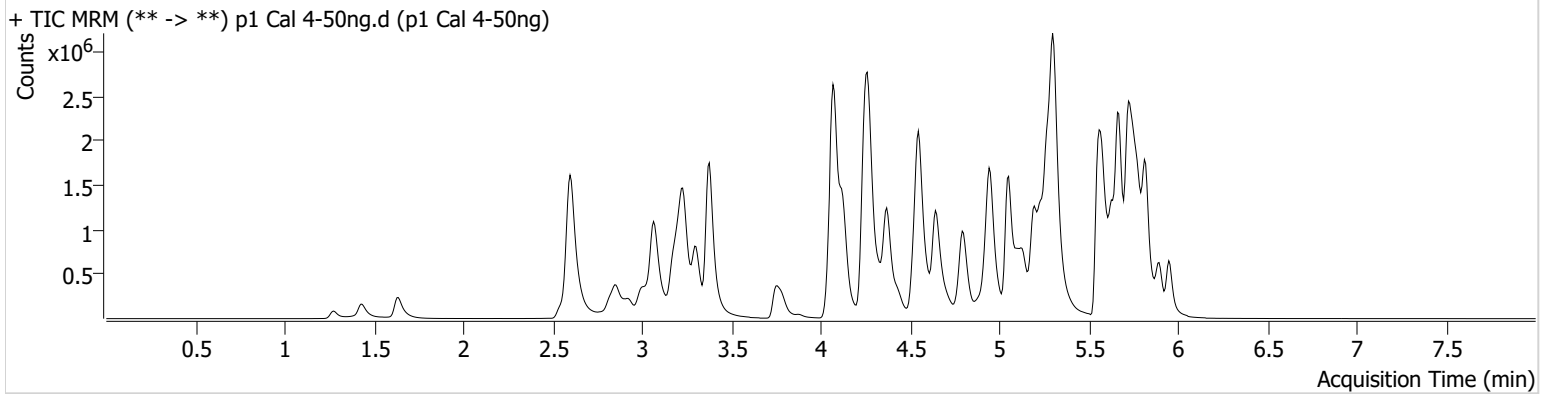
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

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-D1 **Comment**
Injection Volume 2
Acq. Date-Time 1/8/2024 10:26:42 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.143	24391	84055.55	72.1	669.02	157541	4.8262 ng/ml
7-aminoclonazepam	4.264	422807	277.71	83.4	5755.68	370426	51.4796 ng/ml
a-hydroxyalprazolam	5.692	179312	412.06	70.5	242.26	166796	46.4619 ng/ml
alpha-PHP	4.943	404737	3635.87	260.1	8676.78	1296647	52.8382 ng/ml
alpha-PVP	4.376	1612770	711.13	49.7	35919.21	1296647	47.4897 ng/ml
Alprazolam	5.769	678308	∞	114.3	∞	601957	47.0317 ng/ml
Amphetamine	3.067	2335482	1896.49	44.7	771.70	666811	54.5084 ng/ml
Benzoylcegonine	3.882	36177	636.40	35.4	91.38	25440	48.8593 ng/ml
Bromazolam	5.814	274580	5643.14	122.3	332409.34	277301	49.9614 ng/ml
Buprenorphine	5.888	38121	29196.78	15.6	7473.01	284445	5.2757 ng/ml
Bupropion	4.799	1457272	1786.83	69.0	5674.76	916927	49.4433 ng/ml
Carisoprodol	5.723	539446	10294.06	61.3	798.76	483470	50.9729 ng/ml
Citalopram	5.234	1130287	14898.63	35.6	7790.99	1032251	47.6223 ng/ml
Clonazepam	5.611	636557	2258.13	35.0	240.03	181253	50.4744 ng/ml
Clonazolam	5.547	496892	194200.09	34.8	148.94	181253	49.1757 ng/ml
Cocaine	4.271	1078748	1559.69	51.6	8595.47	1794720	48.5530 ng/ml
Codeine	2.603	117208	90.12	105.6	172259.04	137764	55.5657 ng/ml
Cyclobenzaprine	5.634	1198672	32946.27	8.8	4555.28	1065115	46.5263 ng/ml
Dextromethorphan	5.277	819698	16098.33	80.9	112941.83	751381	49.7221 ng/ml
Dextrorphan	4.123	503580	1034.02	211.5	653.31	1120950	48.4027 ng/ml
Diazepam	5.954	516687	∞	88.4	413.75	477125	49.5044 ng/ml
Dihydrocodeine	2.575	358443	1261.10	60.8	270.60	406883	55.4028 ng/ml
Diphenhydramine	5.305	3305095	53101.09	29.5	36767.89	3128047	47.6318 ng/ml
Doxylamine	4.545	2953313	95201.38	98.4	30910.85	2690767	46.7691 ng/ml
Duloxetine	5.660	117317	5282.06	12.8	1509.46	127742	49.8706 ng/ml
EDDP	5.270	1358475	12503.22	41.6	22449.26	1430829	47.7013 ng/ml
Etizolam	5.814	294069	179470.26	27.1	805.97	181253	46.2745 ng/ml
Fentanyl	5.117	115976	170.93	77.8	1269.90	1295610	4.8277 ng/ml
Fluorofentanyl	5.171	312797	5458.42	39.4	2371.66	10601	5.2369 ng/ml
Fluoxetine	5.720	1217717	85117.98	7.4	129.78	894158	49.4638 ng/ml
Hydrocodone	3.029	512767	283.75	32.9	659.04	531699	54.0587 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.636	378118	2206.25	74.0	1176738.85	242980	49.5757 ng/ml
Hydroxyzine	5.724	1189123	37232.70	79.3	79505.11	751381	47.4829 ng/ml
Ketamine	4.056	894705	23721.98	36.6	2034.83	803556	52.8522 ng/ml
Lamotrigine	4.287	94825	6208.94	85.2	165111.59	2337790	53.5743 ng/ml
Lorazepam	5.747	464089	2591.21	48.3	899.14	686331	52.2968 ng/ml
MDA	3.208	1299219	6421.95	32.9	3050.77	904619	54.1661 ng/ml
MDMA	3.302	1003517	4918.39	95.1	4534.81	229058	49.0116 ng/ml
Meprobamate	4.902	324268	3724.41	32.8	3621.84	296319	55.9895 ng/ml
Methadone	5.666	2304878	∞	45.9	35555.12	1667602	48.6751 ng/ml
Methamphetamine	3.236	2236044	1319.43	39.6	2935.20	1651460	52.4946 ng/ml
Metoprolol	4.326	280445	9152.70	105.0	4503.01	2212712	54.0707 ng/ml
Mirtazapine	4.641	2295333	40010.78	50.2	79287.06	1296647	49.2274 ng/ml
Mitragynine	5.245	430875	324849.86	37.5	100533.66	1667602	54.9005 ng/ml
Morphine	1.274	72098	8383.15	30.5	309.73	27110	48.8760 ng/ml
Norbuprenorphine	4.999	4712	56.22	99.4	2678.76	52456	4.6469 ng/ml
Nordiazepam	5.894	508913	1198.72	58.4	357.16	338097	50.4368 ng/ml
Norfentanyl	4.090	209536	794.73	36.9	∞	1648393	4.8500 ng/ml
Norhydrocodone	3.077	111064	184.10	36.8	150.12	155389	44.3043 ng/ml
Noroxycodone	2.927	332550	626.05	47.3	1203.08	227556	50.5710 ng/ml
O-desmethyl-tramadol	3.376	2389568	42121.90	5.8	798.73	2766453	47.7330 ng/ml
o-desmethylvenlafaxine	4.075	3043732	122598.44	16.3	897.38	507755	48.2486 ng/ml
Olanzapine	4.510	420445	12049.46	47.2	521.20	178079	52.3908 ng/ml
Oxazepam	5.756	646644	5973.97	74.2	2877.93	686331	50.4367 ng/ml
Oxycodone	2.852	919425	3686.38	28.3	3144.76	704090	49.7812 ng/ml
Oxymorphone	1.433	281373	1029.76	46.2	∞	217548	48.5957 ng/ml
Phentermine	3.785	493558	2392.07	7.5	311.24	1144763	55.9781 ng/ml
Promethazine	5.550	2063242	1217.58	32.2	986.57	1797717	47.7125 ng/ml
Pseudoephedrine	2.606	2714999	54742.69	17.0	20434.43	2337790	46.9757 ng/ml
Quetiapine	5.574	1603335	56848.65	56.6	179374.02	432451	48.0978 ng/ml
Sertraline	5.789	338498	262.73	96.5	21003.01	309047	48.2504 ng/ml
Temazepam	5.817	1208598	7505.98	28.1	1118.14	1111255	48.6364 ng/ml
Tramadol	4.252	2184043	561.39	3.7	51.96	2212712	51.7539 ng/ml
Trazodone	5.191	2087968	5695.17	61.5	378530.26	1372830	54.0459 ng/ml
Venlafaxine	5.051	1870775	1327.92	39.6	359.77	2298741	47.3507 ng/ml
Xylazine	4.076	834596	1401.68	47.4	1220.40	600228	49.3238 ng/ml
Zolpidem	4.947	2251972	1979760.15	27.5	6783.59	1796660	50.3949 ng/ml



AM #28 Multi-Drug Quant. Results

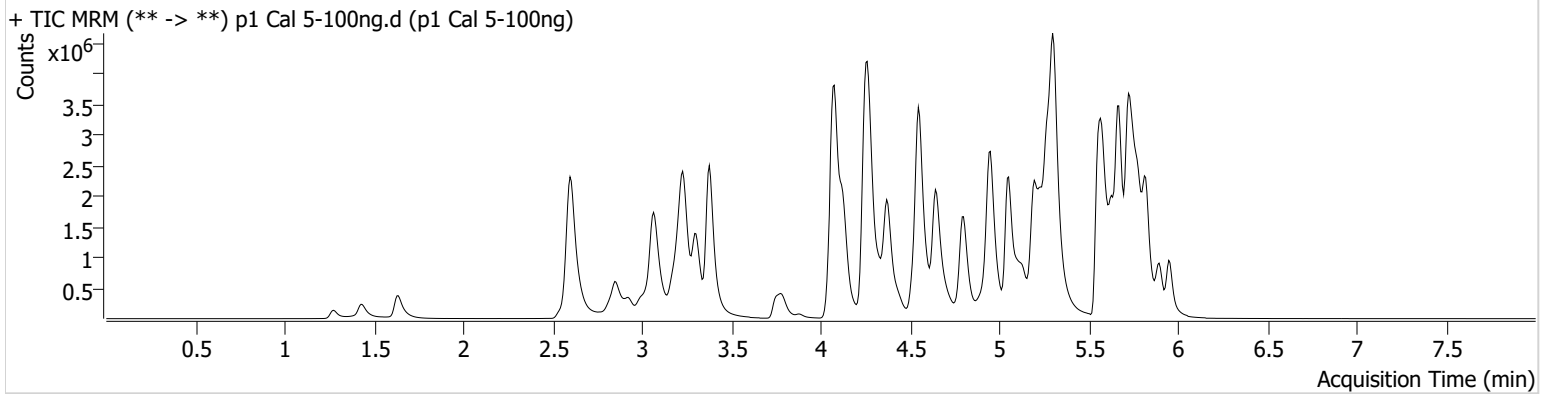
Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E1
Injection Volume 2
Acq. Date-Time 1/8/2024 10:37:20 AM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.143	44809	112934.64	73.7	2650.79	144166	9.6783 ng/ml
7-aminoclonazepam	4.264	710672	16290.96	74.9	6394.13	296873	108.6942 ng/ml
a-hydroxyalprazolam	5.692	301814	542.93	70.2	507.81	131719	98.1428 ng/ml
alpha-PHP	4.943	759717	533.64	255.8	5621.69	1198230	107.9554 ng/ml
alpha-PVP	4.376	3062022	26751.90	49.8	40039.69	1198230	97.1520 ng/ml
Alprazolam	5.769	1193921	908.45	113.9	4322.93	508742	97.0603 ng/ml
Amphetamine	3.067	3971423	974.77	44.7	2833.02	612493	101.5731 ng/ml
Benzoylcegonine	3.882	67472	1488.25	35.5	595.70	23023	100.4956 ng/ml
Bromazolam	5.807	456080	344114.69	125.1	372020.84	236278	97.4344 ng/ml
Buprenorphine	5.888	73262	67605.68	15.5	11028.75	276551	10.5147 ng/ml
Bupropion	4.799	2824379	79065.56	68.7	365.35	861667	101.8433 ng/ml
Carisoprodol	5.723	847816	11818.72	59.5	2066.87	382920	101.2368 ng/ml
Citalopram	5.234	2111468	55212.75	35.0	771.34	917524	99.5271 ng/ml
Clonazepam	5.611	1098904	2866.31	35.1	942.56	149325	106.1495 ng/ml
Clonazolam	5.547	831130	34434.36	35.5	311677.43	149325	100.3759 ng/ml
Cocaine	4.271	1959411	59107.30	51.9	283.33	1592086	99.2064 ng/ml
Codeine	2.603	199562	2966.44	105.2	85.29	122809	106.7540 ng/ml
Cyclobenzaprine	5.634	2260871	491.64	8.6	565.89	948004	97.7602 ng/ml
Dextromethorphan	5.277	1464170	19159.68	79.9	14757.12	669315	99.4784 ng/ml
Dextrorphan	4.123	919183	681.69	213.6	89485.31	1009070	97.9255 ng/ml
Diazepam	5.954	929305	∞	90.0	∞	419523	101.1592 ng/ml
Dihydrocodeine	2.575	643060	187.74	61.5	288.32	380874	106.8298 ng/ml
Diphenhydramine	5.305	6217010	147863.74	29.0	69271.53	2810557	99.1885 ng/ml
Doxylamine	4.545	5537056	96178.94	97.0	37694.38	2413906	96.9516 ng/ml
Duloxetine	5.660	203500	3725.50	12.3	4451.06	111691	98.8247 ng/ml
EDDP	5.270	2600426	360.64	42.0	19556.10	1331488	97.6820 ng/ml
Etizolam	5.814	501512	3489.12	28.1	158301.58	149325	95.6690 ng/ml
Fentanyl	5.117	222304	17260.28	80.3	33914.06	1229815	9.6940 ng/ml
Fluorofentanyl	5.171	601133	577.40	39.0	4846.71	10681	10.0084 ng/ml
Fluoxetine	5.720	2142715	42885.52	7.5	254.73	767203	101.4491 ng/ml
Hydrocodone	3.029	887581	1797.42	35.0	116.09	513918	97.1255 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.636	698810	1894148.59	74.6	1837613.82	221940	100.2544 ng/ml
Hydroxyzine	5.717	2167389	105994.65	82.3	25295.78	669315	96.4597 ng/ml
Ketamine	4.056	1632097	25402.73	36.2	202.31	735621	105.9826 ng/ml
Lamotrigine	4.293	169071	6762.34	86.9	164005.65	2104703	106.7457 ng/ml
Lorazepam	5.747	616593	20158.49	51.7	1652.29	499704	96.2482 ng/ml
MDA	3.208	2146770	12642.79	33.1	1916.26	773702	105.4267 ng/ml
MDMA	3.302	1843576	57382.14	97.3	2556.69	209320	98.1010 ng/ml
Meprobamate	4.902	561594	6632.11	33.0	155.07	273025	106.0755 ng/ml
Methadone	5.666	4316631	1707.02	45.9	17300.15	1519750	99.3834 ng/ml
Methamphetamine	3.236	4247498	39496.90	38.6	15685.09	1565057	106.1341 ng/ml
Metoprolol	4.333	514597	267359.23	104.6	3576.54	2088680	105.8255 ng/ml
Mirtazapine	4.641	4127620	5414.75	49.3	42372.87	1198230	95.4268 ng/ml
Mitragynine	5.245	794908	2193.90	36.9	353517.27	1519750	111.0380 ng/ml
Morphine	1.274	134524	341.76	31.7	438.10	22939	108.1482 ng/ml
Norbuprenorphine	5.006	8527	5983.04	100.5	16673.07	47830	9.2914 ng/ml
Nordiazepam	5.894	886627	929.79	59.4	3729.08	292171	101.8327 ng/ml
Norfentanyl	4.090	351686	178.68	38.2	340.08	1368510	9.7619 ng/ml
Norhydrocodone	3.077	210500	891.03	38.1	188.99	139933	91.8029 ng/ml
Noroxycodone	2.927	577988	1429.51	49.0	485.01	199262	100.4152 ng/ml
O-desmethyl-tramadol	3.376	4650295	1575.52	5.8	397.62	2591599	98.6617 ng/ml
o-desmethylvenlafaxine	4.075	5496403	86235.14	16.3	4933.45	443120	99.3046 ng/ml
Olanzapine	4.510	763601	8179.26	49.9	1276.56	164636	103.5346 ng/ml
Oxazepam	5.756	973181	75167.07	73.1	3456.48	499704	104.3937 ng/ml
Oxycodone	2.852	1682775	671.67	28.5	7927.10	644738	99.4950 ng/ml
Oxymorphone	1.433	495050	1223.48	47.7	877.39	187625	99.2504 ng/ml
Phentermine	3.785	893238	1287.78	7.6	151.68	1071067	109.1795 ng/ml
Promethazine	5.550	3984202	150696.63	32.7	328.92	1674232	98.1977 ng/ml
Pseudoephedrine	2.606	5039450	76356.05	16.9	32571.67	2104703	96.1292 ng/ml
Quetiapine	5.574	2825125	40918.37	58.1	987670.53	369652	98.6985 ng/ml
Sertraline	5.789	622345	6556.08	95.8	15863.06	276989	98.6852 ng/ml
Temazepam	5.817	1975276	20423.91	27.0	210.94	856865	102.7339 ng/ml
Tramadol	4.252	3897754	∞	3.8	∞	2088680	97.8217 ng/ml
Trazodone	5.191	3807442	555.09	63.9	24087.14	1309480	104.2223 ng/ml
Venlafaxine	5.044	3588397	81758.14	38.9	13944.44	2153014	96.1145 ng/ml
Xylazine	4.083	1521570	2710.90	48.9	1386.97	543281	99.2710 ng/ml
Zolpidem	4.947	4236904	294176.17	27.9	9039.32	1663517	102.4868 ng/ml



AM #28 Multi-Drug Quant. Results

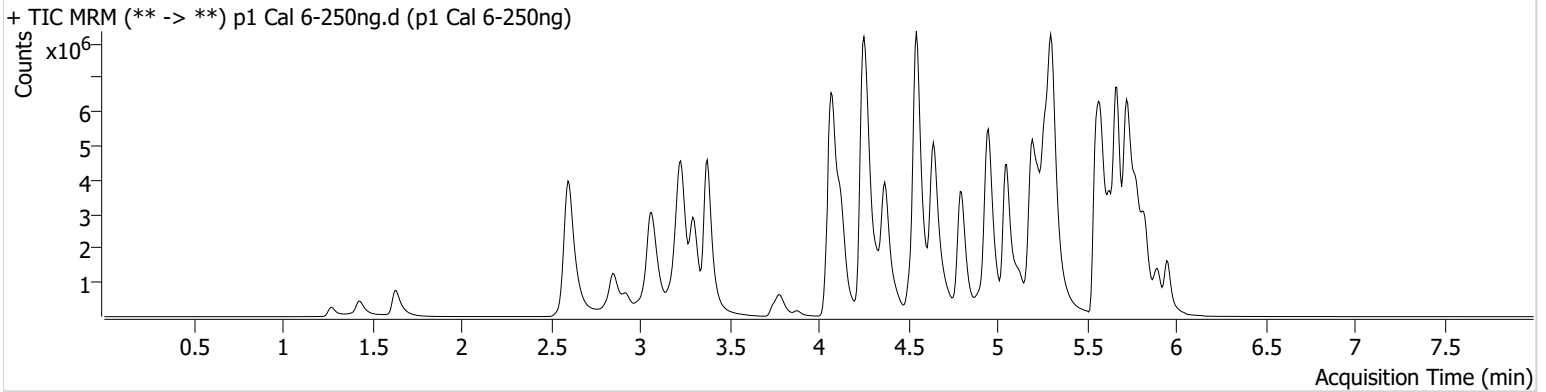
Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F1
Injection Volume 2
Acq. Date-Time 1/8/2024 10:47:57 AM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.143	104844	370886.98	75.8	180437.89	131286	24.8512 ng/ml
7-aminoclonazepam	4.258	1255076	7013.19	74.8	16945.14	231378	247.1331 ng/ml
a-hydroxyalprazolam	5.692	486559	545.73	69.3	∞	83163	249.3782 ng/ml
alpha-PHP	4.943	1620789	821.90	258.5	56460.39	1089554	254.1059 ng/ml
alpha-PVP	4.369	7263793	70575.75	50.1	40142.22	1089554	252.8157 ng/ml
Alprazolam	5.769	2381931	∞	109.0	789.43	382927	255.9051 ng/ml
Amphetamine	3.067	7479274	66281.80	45.0	8098.31	559623	210.1881 ng/ml
Benzoylcegonine	3.876	176529	1133.99	36.3	3371.37	23856	253.4604 ng/ml
Bromazolam	5.807	824420	653492.15	124.7	1047655.82	158301	262.9518 ng/ml
Buprenorphine	5.888	167529	213470.98	15.3	13058.08	269590	24.7844 ng/ml
Bupropion	4.799	6762238	1060373.31	68.2	66714.46	834762	251.5168 ng/ml
Carisoprodol	5.730	1148192	778947.63	64.8	241.86	213948	245.5163 ng/ml
Citalopram	5.227	4376446	∞	36.1	3225513.61	750365	251.4670 ng/ml
Clonazepam	5.611	1714577	2139.43	34.1	5629.64	97180	254.9795 ng/ml
Clonazolam	5.547	1290230	459692.02	36.7	843775.40	97180	240.1514 ng/ml
Cocaine	4.271	4463020	72301.11	50.7	47446.10	1419495	253.1307 ng/ml
Codeine	2.596	391592	98.42	103.1	13642.29	104256	247.6548 ng/ml
Cyclobenzaprine	5.634	4857359	44322.05	8.1	78506.47	777503	254.8813 ng/ml
Dextromethorphan	5.277	3037570	∞	77.2	23825.51	544307	253.4266 ng/ml
Dextrorphan	4.123	1990109	896.21	214.0	80658.83	845234	252.7746 ng/ml
Diazepam	5.954	1909947	294.59	89.7	∞	350104	248.9846 ng/ml
Dihydrocodeine	2.568	1382078	26400.12	62.2	4680.88	368831	237.9594 ng/ml
Diphenhydramine	5.305	13752493	149434.89	29.1	5644.46	2398683	256.3159 ng/ml
Doxylamine	4.545	14689863	188430.46	95.0	86765.89	2333153	264.8497 ng/ml
Duloxetine	5.660	376934	41770.12	12.7	35301.19	79171	258.0552 ng/ml
EDDP	5.270	6016209	74169.43	41.2	26495.63	1207898	248.4672 ng/ml
Etizolam	5.814	1018417	51457.54	27.8	112538.31	97180	298.2764 ng/ml
Fentanyl	5.117	554655	621.78	77.9	298232.84	1200975	24.6838 ng/ml
Fluorofentanyl	5.171	1394315	25047.24	40.1	5758.26	9662	25.6960 ng/ml
Fluoxetine	5.720	4009204	55346.88	7.4	39776.74	582237	250.1350 ng/ml
Hydrocodone	3.029	2094014	793.64	35.2	2194.40	470151	251.1005 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.636	1629804	7016094.38	74.5	5305195.13	207618	249.8688 ng/ml
Hydroxyzine	5.717	4780229	44395.65	83.4	6482.90	544307	260.4615 ng/ml
Ketamine	4.048	3348970	736.75	36.1	6357.12	655848	244.7973 ng/ml
Lamotrigine	4.293	315293	646.59	88.5	438009.56	1758570	239.0564 ng/ml
Lorazepam	5.747	658579	13500.50	48.2	127.73	229802	224.8523 ng/ml
MDA	3.201	3849933	6178.84	32.4	66991.86	605376	242.7213 ng/ml
MDMA	3.302	4157050	81282.60	96.1	8626.02	184073	250.8816 ng/ml
Meprobamate	4.902	1043373	5469.27	31.8	324.74	233889	231.1622 ng/ml
Methadone	5.666	10204328	164132.43	44.4	26329.78	1374732	258.7347 ng/ml
Methamphetamine	3.229	9512487	3176.66	37.9	1558.25	1529738	244.3535 ng/ml
Metoprolol	4.333	1061845	5417.76	105.3	6991.69	1987472	230.3743 ng/ml
Mirtazapine	4.641	10377776	186587.61	47.7	24036.15	1089554	263.1686 ng/ml
Mitragynine	5.245	1614016	1092371.45	36.9	2234.83	1374732	249.1177 ng/ml
Morphine	1.274	293976	1088.74	30.0	203.74	21650	250.8164 ng/ml
Norbuprenorphine	4.999	19177	26077.43	106.8	35278.36	42690	23.5156 ng/ml
Nordiazepam	5.894	1565011	5639.82	59.3	801.99	207209	253.6689 ng/ml
Norfentanyl	4.090	644454	138.51	38.1	337.64	943709	25.8706 ng/ml
Norhydrocodone	3.077	514723	91.64	38.0	107.22	120549	258.1782 ng/ml
Noroxycodone	2.920	1251755	1473.08	48.2	400.11	170983	253.4986 ng/ml
O-desmethyl-tramadol	3.376	11021463	595604.17	5.8	25218.62	2347204	257.4335 ng/ml
o-desmethylvenlafaxine	4.075	11048987	228385.88	16.2	2176.44	346667	254.3849 ng/ml
Olanzapine	4.510	1879981	2697.50	52.4	238.44	173882	242.1959 ng/ml
Oxazepam	5.749	1077070	3332.94	74.4	733.06	229802	251.4203 ng/ml
Oxycodone	2.845	4050010	6954.59	28.2	1020.07	610353	252.9427 ng/ml
Oxymorphone	1.426	1149809	448.33	47.6	∞	166908	259.3115 ng/ml
Phentermine	3.785	1904332	∞	7.0	2104.20	989497	253.2123 ng/ml
Promethazine	5.550	9530641	2132.04	31.4	1432.23	1520388	257.5528 ng/ml
Pseudoephedrine	2.606	10947756	38520.52	16.5	66267.72	1758570	248.8486 ng/ml
Quetiapine	5.574	6242206	143053.26	59.7	176578.51	327211	245.7299 ng/ml
Sertraline	5.789	1188563	1172.37	94.5	14766.37	213578	244.0168 ng/ml
Temazepam	5.824	2917986	1161.69	27.0	134.76	507123	255.9565 ng/ml
Tramadol	4.245	8868495	∞	3.9	110.70	1987472	233.8659 ng/ml
Trazodone	5.191	8655954	4528.51	66.6	80997.06	1297774	240.3580 ng/ml
Venlafaxine	5.051	8678812	115401.28	37.2	22745.35	1976583	251.8714 ng/ml
Xylazine	4.076	3273345	105337.62	49.8	9053.18	462752	250.6079 ng/ml
Zolpidem	4.947	9957148	245227.58	26.9	3219.20	1578211	253.9932 ng/ml



AM #28 Multi-Drug Quant. Results

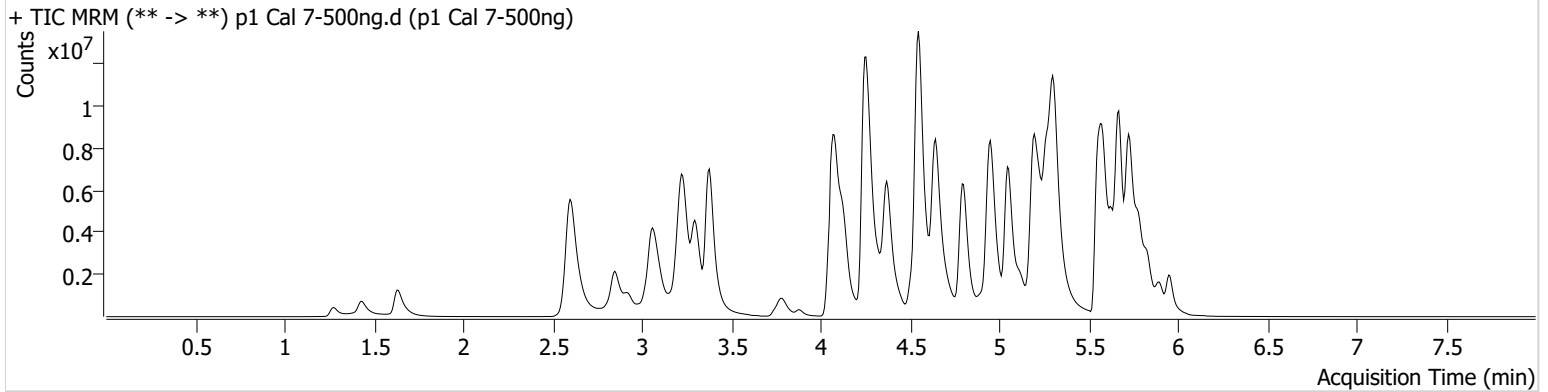
Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-G1
Injection Volume 2
Acq. Date-Time 1/8/2024 10:58:34 AM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.143	192486	71918.47	74.2	443.13	117805	50.8350 ng/ml
7-aminoclonazepam	4.258	1255410	9760.40	85.2	7117.24	139665	409.9623 ng/ml
a-hydroxyalprazolam	5.692	512872	∞	69.4	∞	40967	532.7237 ng/ml
alpha-PHP	4.943	2601222	20262.26	258.9	51443.23	951430	467.5330 ng/ml
alpha-PVP	4.369	13071664	69479.15	49.8	141692.32	951430	520.5864 ng/ml
Alprazolam	5.769	3085785	∞	109.3	425.31	244850	517.6355 ng/ml
Amphetamine	3.060	10625973	39264.90	44.6	145304.81	486905	343.7101 ng/ml
Benzoylcegonine	3.876	349760	470.01	37.1	338.83	23443	510.8538 ng/ml
Bromazolam	5.807	989393	84800.02	127.8	785337.02	99434	502.4344 ng/ml
Buprenorphine	5.888	279770	7779.00	14.6	29261.52	225583	49.5520 ng/ml
Bupropion	4.799	12393322	106834.23	67.9	201648.64	756316	508.6473 ng/ml
Carisoprodol	5.730	1168811	19969.23	60.8	3603.82	109620	487.8759 ng/ml
Citalopram	5.227	6465611	70597.84	36.3	143545.25	543304	512.5683 ng/ml
Clonazepam	5.604	1589961	2065.80	34.7	2844.88	47234	486.7877 ng/ml
Clonazolam	5.547	1394812	338119.37	36.3	229107.06	47234	534.7749 ng/ml
Cocaine	4.271	7367197	412072.13	50.5	180849.50	1178835	502.9551 ng/ml
Codeine	2.596	591695	3820.52	100.9	14414.24	82924	471.0867 ng/ml
Cyclobenzaprine	5.634	7406599	478.79	7.8	3259.81	582676	517.8258 ng/ml
Dextromethorphan	5.277	4484488	114159.85	76.3	21839.78	403469	504.5224 ng/ml
Dextrorphan	4.123	3178762	81989.13	214.5	51290.07	659486	517.2466 ng/ml
Diazepam	5.954	2423313	242.26	90.2	1018.97	222742	496.4422 ng/ml
Dihydrocodeine	2.568	2224420	22932.31	64.3	26643.41	348825	405.4515 ng/ml
Diphenhydramine	5.305	21782967	102479.45	29.6	59910.49	1868130	520.7862 ng/ml
Doxylamine	4.545	26506807	18104.84	94.6	254069.69	2066037	538.9369 ng/ml
Duloxetine	5.660	458583	4050.24	13.2	278.00	49004	507.1150 ng/ml
EDDP	5.263	10780870	57512.04	41.2	104586.03	1029928	521.7231 ng/ml
Etizolam	5.814	1484886	1397.86	28.5	271948.06	47234	894.5335 ng/ml
Fentanyl	5.117	1043300	1747.16	78.5	21175.64	1083244	51.4176 ng/ml
Fluorofentanyl	5.164	2466843	16360.65	40.5	25684.88	9190	47.8120 ng/ml
Fluoxetine	5.720	5174001	89186.18	7.4	2670.26	376761	498.8659 ng/ml
Hydrocodone	3.023	3777261	557.28	35.4	209.93	436310	488.4507 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.636	2928435	5310849.32	74.9	3806256.29	186417	499.9721 ng/ml
Hydroxyzine	5.717	7493470	14840.26	84.1	2748.54	403469	550.0790 ng/ml
Ketamine	4.048	5016869	133339.30	36.2	427.50	563548	427.2758 ng/ml
Lamotrigine	4.293	430594	2659.67	87.5	36796.29	1379211	416.7645 ng/ml
Lorazepam	5.747	556436	1922.45	46.3	22.85	92154	474.8430 ng/ml
MDA	3.194	4948680	23651.48	32.0	2218.51	460533	410.6960 ng/ml
MDMA	3.295	7057915	27336.89	96.3	70418.08	151691	516.4300 ng/ml
Meprobamate	4.902	1489938	296.16	32.3	6724.51	191977	402.8692 ng/ml
Methadone	5.666	16758950	1741.10	44.5	∞	1103769	528.6055 ng/ml
Methamphetamine	3.229	16118749	98843.80	37.3	51014.64	1454555	436.1648 ng/ml
Metoprolol	4.333	1605705	16694.91	105.9	4439.87	1595250	434.6938 ng/ml
Mirtazapine	4.641	17865778	12110.13	47.1	2362.78	951430	518.4504 ng/ml
Mitragynine	5.245	2423314	317664.06	37.2	189260.76	1103769	465.7648 ng/ml
Morphine	1.274	506004	415.36	30.0	257.20	19060	490.6654 ng/ml
Norbuprenorphine	4.999	33412	113.94	101.7	46882.08	35605	49.1996 ng/ml
Nordiazepam	5.894	1738725	10022.77	59.1	1152.34	115767	504.5781 ng/ml
Norfentanyl	4.090	825905	5341.80	39.4	222.96	582899	53.6317 ng/ml
Norhydrocodone	3.070	938352	1122.13	39.4	∞	99863	566.5898 ng/ml
Noroxycodone	2.920	2074971	4732.89	48.6	1332.15	144082	498.7068 ng/ml
O-desmethyl-tramadol	3.376	20025170	180540.42	5.8	29129.37	2071819	529.4196 ng/ml
o-desmethylvenlafaxine	4.075	15908457	∞	16.3	3239.72	243615	520.6808 ng/ml
Olanzapine	4.503	3224018	48424.40	56.9	5359.34	161100	448.8436 ng/ml
Oxazepam	5.749	827028	1214.97	86.0	909.47	92154	481.5338 ng/ml
Oxycodone	2.845	7363704	3671.30	27.8	4286.57	561289	500.0965 ng/ml
Oxymorphone	1.426	2090852	∞	45.6	763.54	154602	509.1801 ng/ml
Phentermine	3.785	3084329	2493.32	7.0	3565.39	913523	444.9462 ng/ml
Promethazine	5.550	16155377	4448.91	30.9	1882.36	1257557	527.1066 ng/ml
Pseudoephedrine	2.606	18184578	269296.39	16.0	1028.54	1379211	526.2787 ng/ml
Quetiapine	5.574	9501086	118719.99	59.7	248496.11	235437	519.3393 ng/ml
Sertraline	5.789	1710572	17032.32	93.5	48510.18	144508	518.7273 ng/ml
Temazepam	5.824	2838666	163.25	28.0	1027.68	248586	507.6524 ng/ml
Tramadol	4.245	16082100	∞	3.7	316.84	1595250	528.3261 ng/ml
Trazodone	5.191	14185481	181881.98	70.4	377987.03	1203470	425.5259 ng/ml
Venlafaxine	5.044	15759379	1498.85	35.5	10535.01	1694160	532.6874 ng/ml
Xylazine	4.076	5569152	222793.65	50.0	7439.36	388927	507.2308 ng/ml
Zolpidem	4.947	17205661	10204.22	26.8	77121.19	1402303	494.0256 ng/ml



AM #28 Multi-Drug Quant. Results

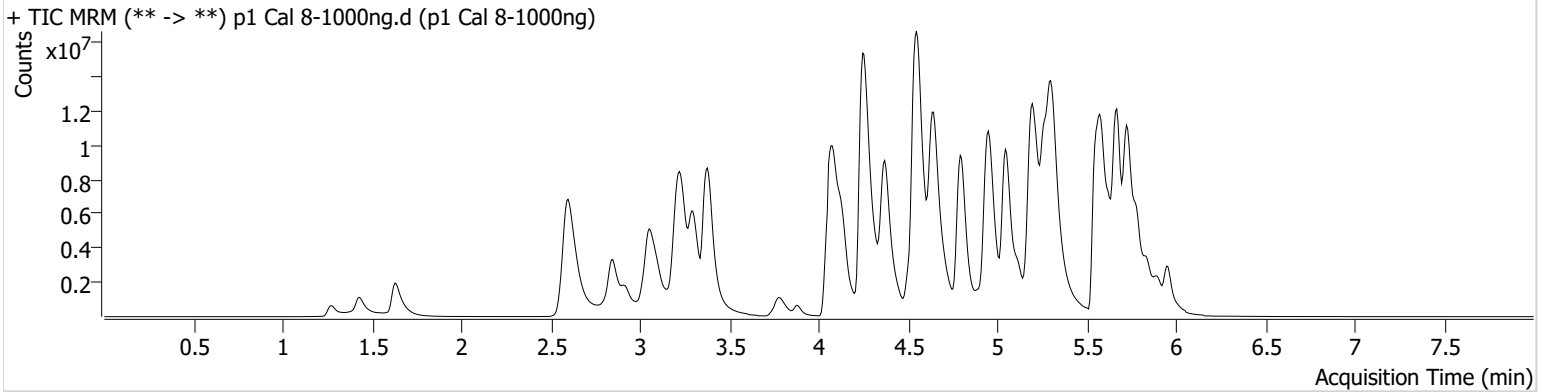
Batch results D:\MassHunter\Data\2024\AM 27 28\010523 AM 27 28 CS\AM 28 Reinjects\QuantResults\AM 28.batch.bin
Calibration Last Update 1/9/2024 2:09:08 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H1
Injection Volume 2
Acq. Date-Time 1/8/2024 11:09:12 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	316853	25083.35	70.5	2456.62	90973	108.3497 ng/ml
7-aminoclonazepam	4.264	1140983	9837.42	77.9	2588.62	69395	750.4336 ng/ml
a-hydroxyalprazolam	5.692	539458	∞	68.4	596.12	21481	1067.8317 ng/ml
alpha-PHP	4.936	3660756	5981.16	260.2	31562.64	727797	860.6581 ng/ml
alpha-PVP	4.369	20553878	471462.62	50.2	152828.97	727797	1069.6768 ng/ml
Alprazolam	5.769	4217388	∞	109.9	153.46	153343	1128.6583 ng/ml
Amphetamine	3.060	13169293	61065.45	45.0	3225.08	388609	534.1547 ng/ml
Benzoylcegonine	3.876	749033	29197.50	36.2	8922.93	26024	985.3514 ng/ml
Bromazolam	5.807	1310319	4762.51	133.2	82514.03	69008	958.8227 ng/ml
Buprenorphine	5.888	525064	620444.87	15.2	90564.37	225680	93.0351 ng/ml
Bupropion	4.792	20091543	767628.84	67.1	75461.56	637621	977.9879 ng/ml
Carisoprodol	5.730	1080290	9564.52	60.3	5097.88	49732	994.0224 ng/ml
Citalopram	5.227	7775906	48447.66	35.8	30608.90	314670	1063.7954 ng/ml
Clonazepam	5.604	1664765	3275.61	35.2	885.46	26811	898.2500 ng/ml
Clonazolam	5.540	1409540	310176.66	37.2	128660.65	26811	952.5016 ng/ml
Cocaine	4.271	10785080	98482.86	51.0	175143.63	844182	1027.9679 ng/ml
Codeine	2.589	819250	3314.09	98.9	8217.54	62642	864.0140 ng/ml
Cyclobenzaprine	5.627	10203380	2341.16	7.4	37292.57	373695	1111.4347 ng/ml
Dextromethorphan	5.277	5751240	96077.80	77.4	16272.61	261410	998.4382 ng/ml
Dextrorphan	4.123	4491745	69023.25	221.2	115177.30	464170	1038.2295 ng/ml
Diazepam	5.954	4447665	190.73	89.2	∞	197566	1027.1550 ng/ml
Dihydrocodeine	2.561	3377897	22155.17	63.7	22013.57	312735	687.2417 ng/ml
Diphenhydramine	5.305	29589136	78975.96	30.1	286485.23	1292698	1021.8481 ng/ml
Doxylamine	4.545	40054905	198729.22	95.6	176808.67	1650092	1019.0376 ng/ml
Duloxetine	5.667	453411	2922.16	13.8	5442.70	24632	997.3938 ng/ml
EDDP	5.263	17540453	92137.01	40.7	19876.58	820334	1065.2845 ng/ml
Etizolam	5.814	2187789	35260.16	28.1	527304.22	26811	2321.7907 ng/ml
Fentanyl	5.110	1916761	2538.42	76.5	70472.97	943197	108.4314 ng/ml
Fluorofentanyl	5.164	3850418	∞	41.3	46526.08	7282	94.2063 ng/ml
Fluoxetine	5.720	6270758	142875.81	7.3	21318.35	227648	1000.6530 ng/ml
Hydrocodone	3.023	6202567	∞	37.0	457.41	369773	946.7728 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.629	5051752	4212843.59	75.8	13846791.4 2	160413	1002.2502 ng/ml
Hydroxyzine	5.726	11022424	43062.08	85.7	12851.15	261410	1247.9937 ng/ml
Ketamine	4.041	6443644	336930.75	36.1	12383.91	436821	708.4438 ng/ml
Lamotrigine	4.293	433005	8568.24	88.9	61977.63	952836	606.9358 ng/ml
Lorazepam	5.747	538048	17885.32	47.9	195.51	39388	1075.4842 ng/ml
MDA	3.187	5964806	39795.64	31.0	26358.18	316461	721.0226 ng/ml
MDMA	3.295	10460580	114750.80	95.2	76550.35	111695	1039.0486 ng/ml
Meprobamate	4.902	1866598	13171.88	31.9	15427.66	140499	690.3163 ng/ml
Methadone	5.666	23676701	86567.57	47.4	1847.34	827925	995.0792 ng/ml
Methamphetamine	3.229	23031234	239261.10	36.7	1214.28	1279805	708.8758 ng/ml
Metoprolol	4.326	2014229	759850.63	105.8	43984.71	1248144	697.3912 ng/ml
Mirtazapine	4.641	26671869	2795.53	47.7	188265.48	727797	1011.4547 ng/ml
Mitragynine	5.239	3281319	2214606.79	37.5	887081.60	827925	840.7216 ng/ml
Morphine	1.274	813736	1974.65	30.0	14380.26	16569	907.9589 ng/ml
Norbuprenorphine	4.999	53127	422242.50	98.3	157.20	26952	103.4214 ng/ml
Nordiazepam	5.894	2197816	208.39	62.1	5381.49	78246	943.7805 ng/ml
Norfentanyl	4.090	818831	5083.63	38.2	363.89	287361	107.8149 ng/ml
Norhydrocodone	3.070	1560625	104.35	40.0	∞	80729	1164.3011 ng/ml
Noroxycodone	2.920	3304181	1316.64	47.4	968.03	117610	972.9319 ng/ml
O-desmethyl-tramadol	3.376	29924872	153159.19	6.2	2555.34	1616320	1013.6759 ng/ml
o-desmethylvenlafaxine	4.075	19188822	76950.80	16.6	2778.30	147716	1035.2902 ng/ml
Olanzapine	4.503	4994502	7951.59	60.7	7568.07	151285	740.8572 ng/ml
Oxazepam	5.749	726970	22175.73	73.2	5693.82	39388	990.4353 ng/ml
Oxycodone	2.845	12266197	∞	27.9	4029.68	471150	992.4129 ng/ml
Oxymorphone	1.426	3416677	∞	45.2	3058.84	128572	1000.6145 ng/ml
Phentermine	3.785	4597929	∞	6.8	5341.36	756024	802.2521 ng/ml
Promethazine	5.550	23036973	58830.53	32.2	59973.00	922140	1024.3874 ng/ml
Pseudoephedrine	2.599	26501833	167905.67	16.0	41586.03	952836	1109.4461 ng/ml
Quetiapine	5.581	12775969	243387.69	59.5	131373.27	157433	1043.9319 ng/ml
Sertraline	5.782	2162472	94148.54	92.2	48422.97	89640	1056.8742 ng/ml
Temazepam	5.831	3417489	353974.99	27.8	14519.06	135491	1120.9290 ng/ml
Tramadol	4.245	22711827	1125.54	3.8	199.40	1248144	953.5967 ng/ml
Trazodone	5.191	19413170	119065.43	74.4	105979.91	1065507	658.2840 ng/ml
Venlafaxine	5.044	24190377	78016.00	35.9	4040.93	1285715	1076.5843 ng/ml
Xylazine	4.076	8678640	91296.77	50.2	4193.61	302812	1015.1479 ng/ml
Zolpidem	4.947	26042899	264806.76	27.2	129116.20	1112879	942.3135 ng/ml