

Worklist: 6924

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3324	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3342	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3365	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3367	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3439	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2290	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2384	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2399	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2405	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2411	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2424	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2429	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2432	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2467	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2507	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2552	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2606	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2607	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2609	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2613	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2629	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	



<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-2648	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2654	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2668	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2678	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2700	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2707	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 09/03/2024

Plate lot#: 240528

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

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 11/28/2024

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

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

Pre-Analytic:

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

Analytic:

- ☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- ☒ 2. 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: QC 250 was reinjected as an incorrect well position was specified in the original injection.

Curve Limits:

7-aminoclonazepam- QUALITATIVE ONLY due to QC 250 accuracy

Alpha-PHP 5-500 --calibrator 8 dropped due to accuracy

Amphetamine 5-250 --calibrators 7 and 8 dropped due to accuracy- QUALITATIVE ONLY due to QC 250 accuracy

Buprenorphine 0.5-50 --calibrator 8 dropped due to accuracy

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Clonazepam 5-500 --calibrator 8 dropped due to accuracy

Clonazepam 5-500 --calibrator 8 dropped due to accuracy

Codeine 5-500 --calibrator 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

Ketamine 5-500 --calibrator 8 dropped due to accuracy

Lamotrigine 50-1000 --calibrators 6, 7, and 8 dropped due to accuracy

MDA 5-500 --calibrator 8 dropped due to accuracy

Meprobamate 5-250 --calibrators 7 and 8 dropped due to accuracy- QUALITATIVE ONLY due to QC 250 accuracy

Methamphetamine 5-500 --calibrator 8 dropped due to accuracy

Metoprolol 5-250 --calibrators 7 and 8 dropped due to accuracy

Phentermine 5-500 --calibrator 8 dropped due to accuracy

Trazodone 5-500 --calibrator 8 dropped due to accuracy

CS

	1	2	3	4	5	6	7	8	9	10	11	12
A								M2024-3342-1	P2024-2411-1	P2024-2607-1	P2024-2700-1	IS + Cal. 8
B								M2024-3365-1	P2024-2424-1	P2024-2609-1	P2024-2707-1	IS + Cal. 7
C								M2024-3367-2	P2024-2429-1	P2024-2613-3	NEG Blood	IS + Cal. 6
D								M2024-3439-1	P2024-2432-1	P2024-2629-1	IS + QC_2	IS + Cal. 5
E								P2024-2290-1	P2024-2467-1	P2024-2648-1	IS + QC_4	IS + Cal. 4
F								P2024-2384-1	P2024-2507-1	P2024-2654-1	IS + QC_3	IS + Cal. 3
G								P2024-2399-1	P2024-2552-1	P2024-2668-1	IS + QC_2	IS + Cal. 2
H							M2024-3324-1	P2024-2405-1	P2024-2606-1	P2024-2678-1	IS + QC_1	IS + Cal. 1

AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/10/2024 2:17:12 PM

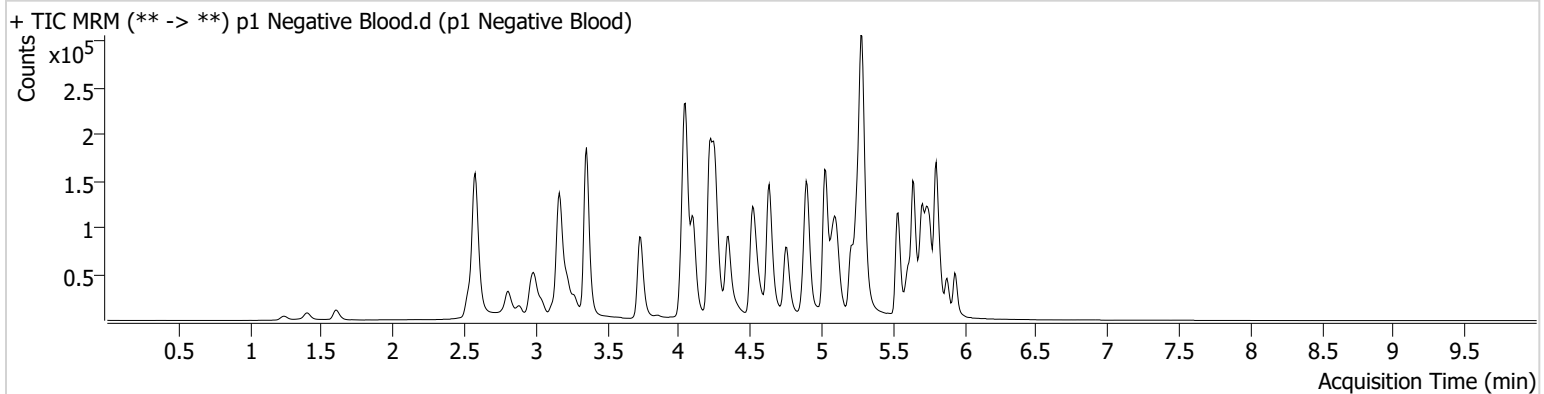
Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C11
Injection Volume 2
Acq. Date-Time 9/4/2024 2:42:02 AM
Sample Info.

Data File
Sample
Operator
Comment

p1 Negative Blood.d
p1 Negative Blood
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



AM #28 Multi-Drug Quant. Results



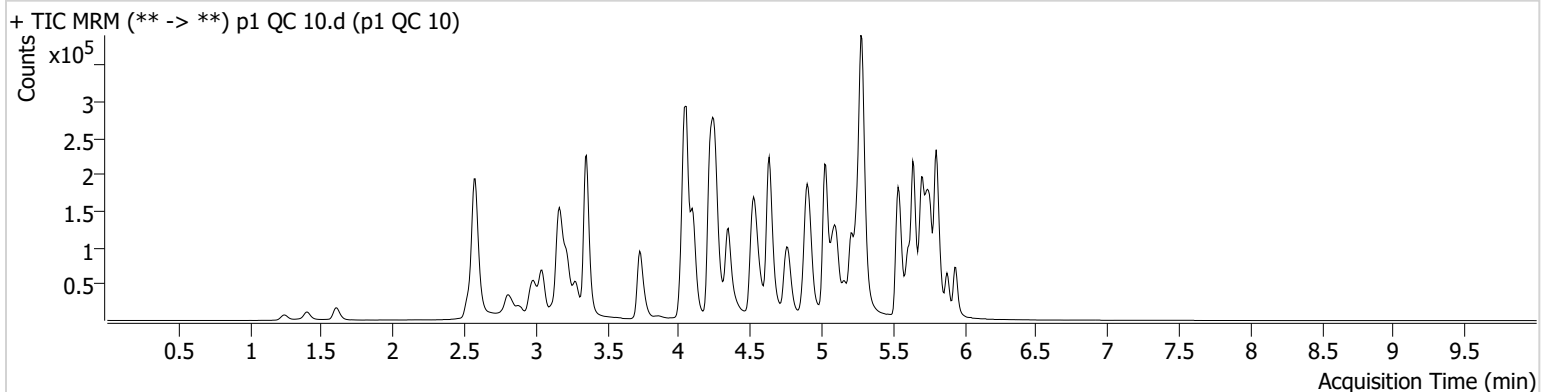
Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H11
Injection Volume 2
Acq. Date-Time 9/4/2024 1:38:09 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	1046	1201.48	64.4	∞	27359	1.0935 ng/ml
7-aminoclonazepam	4.258	13083	325.12	72.9	31.96	48415	11.2971 ng/ml
9-hydroxyrisperidone	4.637	3164	402.27	3161.7	945.71	418052	9.3232 ng/ml
a-hydroxyalprazolam	5.685	9797	1633.80	63.8	399.79	36604	9.9290 ng/ml
alpha-PHP	4.922	18615	499.36	249.8	201.51	247715	10.0026 ng/ml
alpha-PVP	4.356	65515	2658.08	51.8	146.84	247715	9.4435 ng/ml
Alprazolam	5.762	37321	610.06	101.9	441.92	136113	9.9224 ng/ml
Amphetamine	3.047	93124	242.31	51.9	379.42	125472	9.4771 ng/ml
Benzoylcegonine	3.876	1579	457.17	35.7	189.45	5687	9.0100 ng/ml
Bromazolam	5.800	26440	103.50	117.1	27161.19	70235	9.3052 ng/ml
Buprenorphine	5.854	1808	2006.34	14.7	290.98	63342	1.0224 ng/ml
Bupropion	4.779	63006	9474.01	63.0	7937.61	220938	9.6232 ng/ml
Carisoprodol	5.716	40005	181662.83	59.3	439.08	191153	9.3494 ng/ml
Citalopram	5.207	47345	569.71	41.6	1227.25	224476	9.2176 ng/ml
Clonazepam	5.604	34846	2579.16	37.6	258.04	49150	9.5718 ng/ml
Clonazolam	5.547	27869	49130.38	36.8	11821.97	49150	9.8609 ng/ml
Cocaine	4.250	45707	2162.28	51.5	1403.16	383167	9.4094 ng/ml
Codeine	2.582	4972	70.56	100.6	14387.95	22819	9.6498 ng/ml
Cyclobenzaprine	5.613	29953	1635.41	8.0	235.29	101800	9.5037 ng/ml
Dextromethorphan	5.264	30695	13245.57	80.4	1788.64	138230	9.1585 ng/ml
Dextrorphan	4.103	21847	309.28	205.5	10658.56	236608	9.1282 ng/ml
Diazepam	5.940	23874	3619.50	95.4	23558.05	103985	9.3397 ng/ml
Dihydrocodeine	2.554	14206	381.74	61.5	182.04	72087	9.7428 ng/ml
Diphenhydramine	5.285	126594	380.18	32.6	359.88	759000	9.2204 ng/ml
Doxylamine	4.539	124900	1245.66	98.2	393.14	500795	9.1329 ng/ml
Duloxetine	5.640	1831	137.47	15.0	19.02	8645	10.9374 ng/ml
EDDP	5.250	38815	2124.00	44.0	25535.36	183158	9.4901 ng/ml
Etizolam	5.800	14595	15393.53	29.2	4871.84	49150	9.2641 ng/ml
Fentanyl	5.090	4243	81.44	69.5	424.39	219803	0.9607 ng/ml
Fluorofentanyl	5.151	8975	158.79	42.3	354.95	1909	0.9734 ng/ml
Fluoxetine	5.700	20970	3234.05	8.4	3383.27	78214	10.1159 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	18682	440.86	38.4	103.34	89848	9.4678 ng/ml
Hydromorphone	1.609	13639	57731.87	75.5	605.44	39895	9.9225 ng/ml
Hydroxyzine	5.697	50091	3353.38	73.0	1909.06	138230	9.4349 ng/ml
Ketamine	4.035	41659	335.85	36.1	382.76	182048	10.1154 ng/ml
Lamotrigine	4.266	36423	3021.13	88.0	1455.72	528577	104.8299 ng/ml
Lorazepam	5.740	24489	1375.62	50.7	208.55	170543	9.8132 ng/ml
MDA	3.187	61573	219.55	28.6	181.90	177115	9.8254 ng/ml
MDMA	3.282	44829	212.38	84.1	701.02	47407	9.7945 ng/ml
Meprobamate	4.902	19938	241.09	28.3	1380.14	89222	9.8886 ng/ml
Methadone	5.645	81230	2387.31	50.1	251.08	325768	9.4118 ng/ml
Methamphetamine	3.222	148494	4827.62	38.2	561.76	305406	9.9525 ng/ml
Metoprolol	4.306	11813	1637.26	105.8	594.50	480457	10.1606 ng/ml
Mirtazapine	4.634	79083	554.77	51.9	682.73	247715	9.5527 ng/ml
Mitragynine	5.225	16270	381.63	35.5	7337.12	325768	10.1217 ng/ml
Morphine	1.247	3553	329.90	44.4	194.10	8221	9.5634 ng/ml
Norbuprenorphine	4.979	319	131.54	86.8	106.63	11043	1.0889 ng/ml
Nordiazepam	5.887	26723	334.10	57.9	1440.60	81323	9.4936 ng/ml
Norfentanyl	4.069	9007	926.96	39.3	28.77	361254	0.9483 ng/ml
Norhydrocodone	3.057	4707	109.39	37.4	50.45	29347	10.5229 ng/ml
Noroxycodone	2.907	11139	14.57	50.3	305.95	39453	9.5739 ng/ml
O-desmethyl-tramadol	3.355	99585	3343.62	6.3	162.28	515551	9.6312 ng/ml
o-desmethylvenlafaxine	4.054	116856	21930.88	20.8	578.57	102650	9.5083 ng/ml
Olanzapine	4.476	7840	546.62	58.7	162.36	20050	10.5328 ng/ml
Oxazepam	5.742	31750	193.37	71.9	151.10	170543	9.9393 ng/ml
Oxycodone	2.831	28933	771.28	29.3	234.79	119272	9.9756 ng/ml
Oxymorphone	1.399	8644	1305.70	45.2	372.36	30682	9.6964 ng/ml
Phentermine	3.765	25271	422.74	4.6	98.83	277196	10.2376 ng/ml
Promethazine	5.537	49204	2966.28	29.8	112.33	240957	9.7752 ng/ml
Pseudoephedrine	2.586	99521	1862.28	16.6	2815.72	528577	9.3495 ng/ml
Quetiapine	5.553	61596	42861.58	60.9	12042.08	95408	9.5308 ng/ml
Sertraline	5.769	5555	302.21	90.6	156.42	22450	9.5322 ng/ml
Temazepam	5.810	66914	3337.81	27.3	484.03	271174	9.7719 ng/ml
Tramadol	4.232	91877	∞	4.1	70.75	480457	10.1276 ng/ml
Trazodone	5.164	59901	2011.81	66.5	420.63	222592	9.8801 ng/ml
Venlafaxine	5.030	94668	359.86	33.0	217.07	478781	9.4288 ng/ml
Xylazine	4.070	34445	4175.67	48.1	338.63	154950	9.5591 ng/ml
Zolpidem	4.920	95783	2281.04	29.4	1399.15	386281	10.2337 ng/ml

AM #28 Multi-Drug Quant. Results



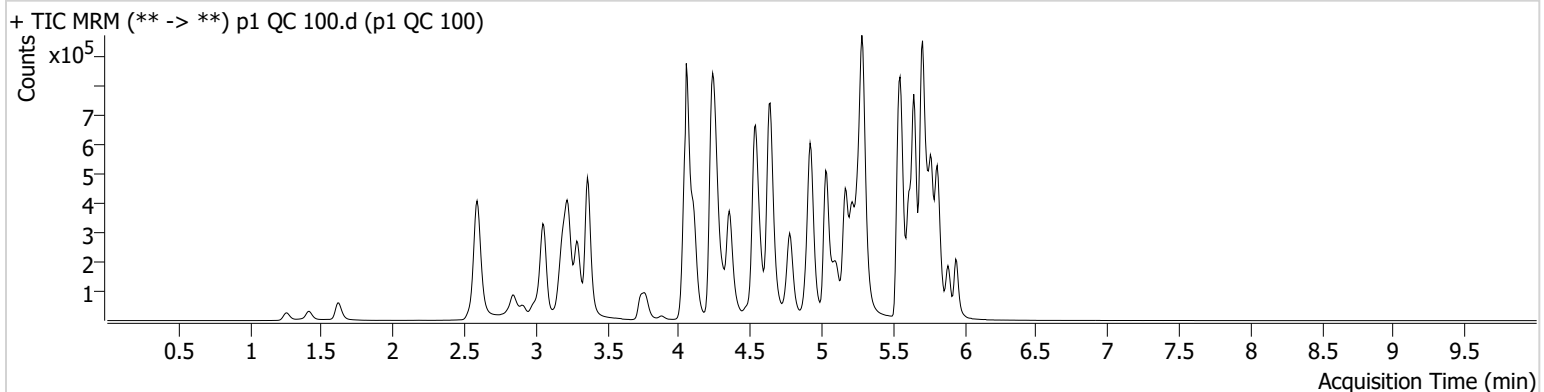
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Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-G11
Injection Volume 2
Acq. Date-Time 9/4/2024 12:38:24 PM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	6964	6794.05	72.4	230.03	18001	10.9319 ng/ml
7-aminoclonazepam	4.251	60442	8280.12	78.3	835.85	30500	97.2299 ng/ml
9-hydroxyrisperidone	4.637	27950	9282.29	3074.5	150434.54	351702	98.6806 ng/ml
a-hydroxyalprazolam	5.685	65658	426.15	62.7	1825.57	25388	105.5404 ng/ml
alpha-PHP	4.929	147874	11983.58	255.5	160113.78	199875	104.7296 ng/ml
alpha-PVP	4.356	557760	1132.42	51.9	19272.12	199875	100.4218 ng/ml
Alprazolam	5.769	267687	1436.68	105.3	2667.75	96621	103.5096 ng/ml
Amphetamine	3.053	577119	39746.35	51.2	81207.38	101042	86.3565 ng/ml
Benzoylcegonine	3.882	12876	4687.17	36.7	94.74	4471	98.4657 ng/ml
Bromazolam	5.807	175736	272725.40	118.0	103849.15	46350	100.7717 ng/ml
Buprenorphine	5.854	16734	13435.20	15.0	2629.33	57158	9.5864 ng/ml
Bupropion	4.779	472402	479468.92	63.6	23056.53	160745	102.2008 ng/ml
Carisoprodol	5.716	263325	476.92	59.9	334.45	114800	98.8159 ng/ml
Citalopram	5.214	435533	1027.40	40.2	242925.18	195982	98.3685 ng/ml
Clonazepam	5.604	218430	2343.13	36.7	41037.42	31014	104.3473 ng/ml
Clonazepam	5.547	175348	95434.13	38.0	10313.04	31014	106.0174 ng/ml
Cocaine	4.257	362716	1633.42	51.1	14079.19	292185	98.2756 ng/ml
Codeine	2.589	36768	336.97	98.8	4935.63	16878	104.9550 ng/ml
Cyclobenzaprine	5.620	482470	∞	8.6	297.66	158794	97.1785 ng/ml
Dextromethorphan	5.264	298929	2573.22	79.4	247.91	129565	95.3571 ng/ml
Dextrorphan	4.109	174981	750.66	212.1	818.68	182326	96.5905 ng/ml
Diazepam	5.947	187260	3002.19	93.3	1048.01	77864	101.0784 ng/ml
Dihydrocodeine	2.568	110370	24105.22	64.0	142.47	57528	105.1944 ng/ml
Diphenhydramine	5.292	1167156	100181.91	33.3	429.48	676631	95.5127 ng/ml
Doxylamine	4.539	1089093	486644.91	97.1	655102.31	426583	94.2669 ng/ml
Duloxetine	5.640	44246	3009.65	14.4	268.37	21505	103.1912 ng/ml
EDDP	5.256	285729	28603.05	42.4	26452.12	128040	99.9215 ng/ml
Etizolam	5.807	113462	6450.13	26.5	591.33	31014	107.1417 ng/ml
Fentanyl	5.096	50444	118.75	76.0	2151.87	268136	9.3850 ng/ml
Fluorofentanyl	5.151	125446	1357.71	41.1	18458.56	2631	10.0838 ng/ml
Fluoxetine	5.700	500044	26774.54	8.3	51512.85	179131	107.1606 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	152089	550.53	37.9	45.06	69718	104.0161 ng/ml
Hydromorphone	1.622	106752	523.98	75.1	13403.65	31158	101.6046 ng/ml
Hydroxyzine	5.704	587240	57121.55	76.0	63140.41	129565	108.0284 ng/ml
Ketamine	4.041	324834	972.13	37.0	617.00	147292	105.9414 ng/ml
Lamotrigine	4.273	203380	101031.35	90.3	224419.93	402055	899.6215 ng/ml
Lorazepam	5.740	119511	8882.63	52.2	2429.89	94122	93.4030 ng/ml
MDA	3.194	431967	321.28	28.2	5904.79	127991	104.9386 ng/ml
MDMA	3.295	371342	7222.95	85.4	2435.39	37938	103.2362 ng/ml
Meprobamate	4.902	125278	1304.17	27.8	6790.88	63553	99.6227 ng/ml
Methadone	5.645	807616	82359.11	51.2	620.02	318737	96.2662 ng/ml
Methamphetamine	3.229	751479	623.93	38.6	358.78	252040	104.4114 ng/ml
Metoprolol	4.313	91169	41244.43	103.0	93029.77	404727	101.3186 ng/ml
Mirtazapine	4.634	720040	1064123.10	51.3	6197.93	199875	108.7486 ng/ml
Mitragynine	5.232	165669	862288.77	37.1	481.78	318737	104.0773 ng/ml
Morphine	1.261	25570	446.76	46.8	2464.87	5992	101.4407 ng/ml
Norbuprenorphine	4.985	2386	1946.65	91.5	662.03	9971	9.7834 ng/ml
Nordiazepam	5.887	202606	745.11	57.2	1224.46	58972	103.5741 ng/ml
Norfentanyl	4.076	67312	137523.16	39.6	394.29	256820	9.4332 ng/ml
Norhydrocodone	3.070	42640	330.77	41.5	137.19	24218	107.0209 ng/ml
Noroxycodone	2.914	85463	1144.16	49.6	2191.66	30308	100.0638 ng/ml
O-desmethyl-tramadol	3.362	844756	504953.42	6.3	7207.01	421818	99.7654 ng/ml
o-desmethylvenlafaxine	4.054	979094	143339.97	19.5	2769.96	76756	109.8966 ng/ml
Olanzapine	4.475	75369	434.93	62.4	863.62	20452	100.4843 ng/ml
Oxazepam	5.749	178485	5006.34	70.9	2703.57	94122	106.8360 ng/ml
Oxycodone	2.845	221520	393.93	28.6	379.37	85624	109.4608 ng/ml
Oxymorphone	1.413	62539	905.46	45.5	523.83	21739	102.8250 ng/ml
Phentermine	3.772	196430	1552.36	4.7	712.63	230380	104.7316 ng/ml
Promethazine	5.537	816002	89773.62	29.7	7219.53	386416	100.4466 ng/ml
Pseudoephedrine	2.599	774597	119564.07	16.5	672.37	402055	95.3797 ng/ml
Quetiapine	5.553	556551	359525.76	61.5	514.69	82835	104.4743 ng/ml
Sertraline	5.769	152718	13184.85	90.1	81396.08	61344	97.3592 ng/ml
Temazepam	5.817	382220	3676.07	28.5	10483.10	148732	99.1718 ng/ml
Tramadol	4.232	744059	∞	3.9	817.33	404727	105.3495 ng/ml
Trazodone	5.171	666496	1000984.70	70.3	126614.25	257905	101.4258 ng/ml
Venlafaxine	5.030	804020	1278.21	33.2	1501.40	392162	98.0711 ng/ml
Xylazine	4.070	292552	246875.87	49.8	10834.92	125440	100.9013 ng/ml
Zolpidem	4.927	770796	1255676.75	29.7	209967.65	320355	105.4494 ng/ml

AM #28 Multi-Drug Quant. Results



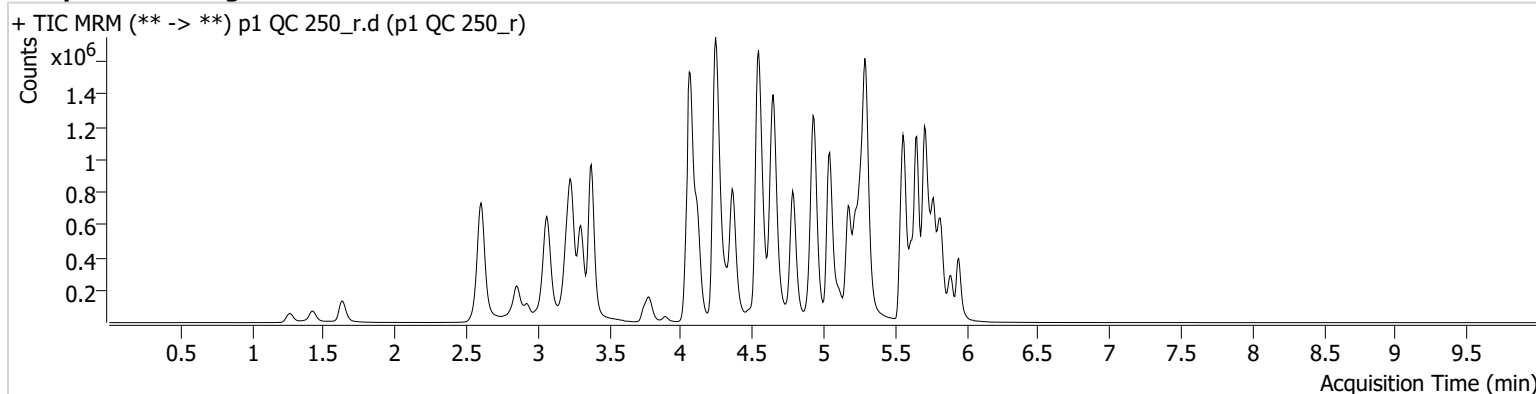
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Calibration Last Update 9/10/2024 2:17:12 PM

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Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F11
Injection Volume 2
Acq. Date-Time 9/9/2024 11:26:55 AM
Sample Info.

Data File p1 QC 250_r.d
Sample p1 QC 250_r
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	22281	1524.05	69.8	2262.84	25401	24.7687 ng/ml
7-aminoclonazepam	4.258	80608	182.40	78.7	10106.63	21318	187.5821 ng/ml
9-hydroxyrisperidone	4.651	57338	4956.16	3159.6	∞	295964	240.6820 ng/ml
a-hydroxyalprazolam	5.692	122203	3956.08	65.4	1271.75	20933	239.6392 ng/ml
alpha-PHP	4.936	337580	4328.06	257.2	51183.41	205596	233.2953 ng/ml
alpha-PVP	4.369	1393918	396805.72	52.8	44397.01	205596	244.1016 ng/ml
Alprazolam	5.769	607056	2653.45	104.7	1057.79	90011	252.4882 ng/ml
Amphetamine	3.067	1346220	67543.91	50.9	51653.87	104303	197.6663 ng/ml
Benzoylcegonine	3.889	37473	3821.89	35.1	607.12	4980	258.1808 ng/ml
Bromazolam	5.807	307487	219559.79	118.4	35690.55	33959	241.7324 ng/ml
Buprenorphine	5.861	36272	29067.69	14.7	4938.77	47373	24.9137 ng/ml
Bupropion	4.785	1363031	973236.89	62.8	1451.27	193248	245.7411 ng/ml
Carisoprodol	5.723	561220	793484.80	59.0	7099.01	101575	237.5093 ng/ml
Citalopram	5.220	894993	560.04	40.7	220055.83	159656	248.3323 ng/ml
Clonazepam	5.604	409044	30562.24	37.1	7171.55	25508	238.9069 ng/ml
Clonazolam	5.554	317101	272713.70	38.6	43758.42	25508	234.1324 ng/ml
Cocaine	4.264	836355	658247.76	51.5	63016.45	271344	244.0653 ng/ml
Codeine	2.596	77273	8216.99	98.7	157.98	16560	225.8842 ng/ml
Cyclobenzaprine	5.620	451114	48388.10	8.4	851.44	59262	243.3164 ng/ml
Dextromethorphan	5.271	552407	956.82	77.7	194767.46	93728	243.6257 ng/ml
Dextrorphan	4.116	419658	68302.83	210.6	61453.09	177014	238.8721 ng/ml
Diazepam	5.947	430061	575.30	92.9	1411.33	73200	247.4226 ng/ml
Dihydrocodeine	2.575	260184	33338.08	65.4	672.91	63015	227.7516 ng/ml
Diphenhydramine	5.298	2389899	437864.44	33.8	12224.62	553831	238.9633 ng/ml
Doxylamine	4.545	2988381	386735.52	97.0	949553.87	455416	242.4164 ng/ml
Duloxetine	5.647	17919	1637.71	14.6	500.30	3372	265.9440 ng/ml
EDDP	5.263	763933	65605.09	42.9	19236.28	136916	249.8335 ng/ml
Etizolam	5.807	228756	1585.68	27.3	104160.72	25508	261.7406 ng/ml
Fentanyl	5.104	76876	16302.40	74.3	120530.62	160572	23.8879 ng/ml
Fluorofentanyl	5.158	153550	14186.42	41.3	2227.19	1338	24.2971 ng/ml
Fluoxetine	5.700	197827	18609.28	8.4	10599.01	30869	246.2657 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	413942	∞	38.9	1493.66	78185	253.1455 ng/ml
Hydromorphone	1.636	273518	7185.98	76.2	2443.07	32122	252.8678 ng/ml
Hydroxyzine	5.704	894891	326702.93	75.9	484400.64	93728	226.6086 ng/ml
Ketamine	4.048	724501	56034.90	37.1	10446.65	146917	238.1000 ng/ml
Lamotrigine	4.287	294763	2633.40	90.9	166930.18	365975	1444.5264 ng/ml
Lorazepam	5.740	154451	9718.43	51.6	744.26	52234	218.6348 ng/ml
MDA	3.208	817876	35326.69	28.5	6609.75	114638	223.0530 ng/ml
MDMA	3.302	883098	1505.56	87.3	36121.55	36950	252.3593 ng/ml
Meprobamate	4.909	227381	147747.74	26.5	6440.67	58836	196.8356 ng/ml
Methadone	5.652	1527990	258861.70	51.3	1018.17	247220	234.9204 ng/ml
Methamphetamine	3.236	1751643	653.17	38.9	465.73	270712	236.4790 ng/ml
Metoprolol	4.326	177125	171068.89	104.4	240806.15	397276	201.5224 ng/ml
Mirtazapine	4.641	1608167	316250.10	50.3	1641.01	205596	236.2341 ng/ml
Mitragynine	5.239	275389	395359.62	37.1	5298.41	247220	222.9016 ng/ml
Morphine	1.267	64778	1594.43	46.4	1439.88	6392	242.0068 ng/ml
Norbuprenorphine	4.992	5243	16392.08	92.8	3942.46	8832	24.4245 ng/ml
Nordiazepam	5.894	376070	631.22	57.8	836.89	46484	244.5168 ng/ml
Norfentanyl	4.083	132651	60467.86	39.4	911.31	191868	24.7907 ng/ml
Norhydrocodone	3.077	101714	114.39	42.6	198.65	23525	261.5657 ng/ml
Noroxycodone	2.927	219359	3322.56	47.8	16278.54	31417	248.5031 ng/ml
O-desmethyl-tramadol	3.376	2180310	180885.55	6.4	84955.25	435276	249.5187 ng/ml
o-desmethylvenlafaxine	4.061	2220794	184863.34	18.4	8693.84	66407	288.6472 ng/ml
Olanzapine	4.482	108750	771.25	63.1	847.05	10940	271.2962 ng/ml
Oxazepam	5.749	224187	5849.11	69.1	1468.68	52234	242.5750 ng/ml
Oxycodone	2.852	656917	785.00	28.7	1152.34	112311	247.8755 ng/ml
Oxymorphone	1.426	174096	∞	45.4	405.32	25919	240.6308 ng/ml
Phentermine	3.785	431917	244.76	4.6	4879.37	233184	228.7797 ng/ml
Promethazine	5.544	765337	1273.06	30.2	2208.11	146621	248.1872 ng/ml
Pseudoephedrine	2.606	1791774	860.32	16.5	86541.85	365975	242.3323 ng/ml
Quetiapine	5.560	1198579	220897.38	61.5	500264.01	77405	241.5088 ng/ml
Sertraline	5.776	40929	4105.76	89.5	40332.04	6612	242.3126 ng/ml
Temazepam	5.824	525893	13820.05	27.8	3023.86	79418	255.1046 ng/ml
Tramadol	4.238	1779644	650.20	4.1	∞	397276	258.0336 ng/ml
Trazodone	5.178	1082166	449.20	74.4	854127.07	182866	233.2397 ng/ml
Venlafaxine	5.044	2012989	14169.45	33.4	50548.11	395527	243.4951 ng/ml
Xylazine	4.076	677590	345017.66	51.5	27709.21	114894	255.2506 ng/ml
Zolpidem	4.927	1907749	240258.39	29.7	1423230.53	331586	253.1340 ng/ml

AM #28 Multi-Drug Quant. Results



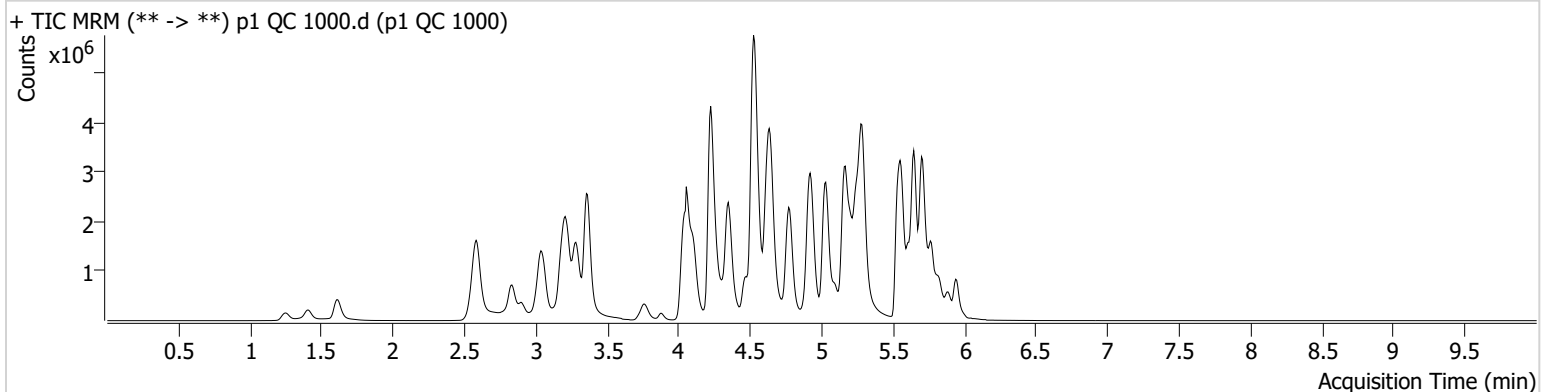
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Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E11
Injection Volume 2
Acq. Date-Time 9/4/2024 2:20:44 AM
Sample Info.

Data File p1 QC 1000.d
Sample p1 QC 1000
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	3.123	74257	612.88	69.2	343.68	19524	107.3462 ng/ml
7-aminoclonazepam	4.264	107804	1903.01	76.4	885.61	5802	930.6699 ng/ml
9-hydroxyrisperidone	4.637	215578	2602.66	3224.5	360749.05	270919	988.8122 ng/ml
a-hydroxyalprazolam	5.678	175833	790.43	65.0	460.60	8722	830.2454 ng/ml
alpha-PHP	4.922	899292	8238.28	258.4	63450.63	170121	752.6459 ng/ml
alpha-PVP	4.349	4707828	95289.74	52.9	13180.90	170121	996.5950 ng/ml
Alprazolam	5.769	1289646	185.04	103.6	633.24	50337	960.1546 ng/ml
Amphetamine	3.047	2821253	128.14	50.9	130612.49	92190	471.4236 ng/ml
Benzoylcegonine	3.876	166846	48436.49	35.8	1864.63	5690	1007.6139 ng/ml
Bromazolam	5.807	529956	308439.68	122.9	23331.63	15747	900.5832 ng/ml
Buprenorphine	5.854	169997	89446.89	14.4	32025.93	43071	128.0234 ng/ml
Bupropion	4.772	4576625	787078.14	62.2	777.76	175992	906.8973 ng/ml
Carisoprodol	5.723	812849	421.18	59.4	885.35	30953	1127.4723 ng/ml
Citalopram	5.207	2533356	174679.42	39.3	77064.95	115483	972.1822 ng/ml
Clonazepam	5.597	485673	3414.91	37.1	1395.31	10148	715.0507 ng/ml
Clonazolam	5.561	353701	4480.14	38.5	6128.91	10148	657.9705 ng/ml
Cocaine	4.244	2181401	864.12	50.8	130391.11	173637	994.9001 ng/ml
Codeine	2.576	208649	11184.90	89.7	108.99	11746	862.5514 ng/ml
Cyclobenzaprine	5.613	2311712	577804.85	8.2	5174.44	77405	954.3019 ng/ml
Dextromethorphan	5.257	1546640	4734.72	78.6	2140.20	67020	953.9895 ng/ml
Dextrorphan	4.103	1194712	166341.37	210.6	201083.00	122081	986.6031 ng/ml
Diazepam	5.940	1098722	327.91	92.1	1949.04	48263	959.7049 ng/ml
Dihydrocodeine	2.548	765524	299.25	63.5	666.30	57509	736.8987 ng/ml
Diphenhydramine	5.285	7310175	164104.86	34.0	1000.84	403689	1002.8421 ng/ml
Doxylamine	4.525	10920304	563898.60	96.3	318387.60	422176	955.8446 ng/ml
Duloxetine	5.633	83704	1811.13	13.5	3229.69	4355	961.0331 ng/ml
EDDP	5.250	3146992	158604.26	42.5	20845.14	139153	1012.6295 ng/ml
Etizolam	5.807	560679	3334.41	27.6	14914.91	10148	1609.3002 ng/ml
Fentanyl	5.090	531115	10588.74	75.6	32685.60	271741	97.5277 ng/ml
Fluorofentanyl	5.144	881582	43942.23	43.8	8997.52	2022	92.3885 ng/ml
Fluoxetine	5.700	1115991	568.27	8.5	184418.51	42933	999.4624 ng/ml

AM #28 Multi-Drug Quant. Results

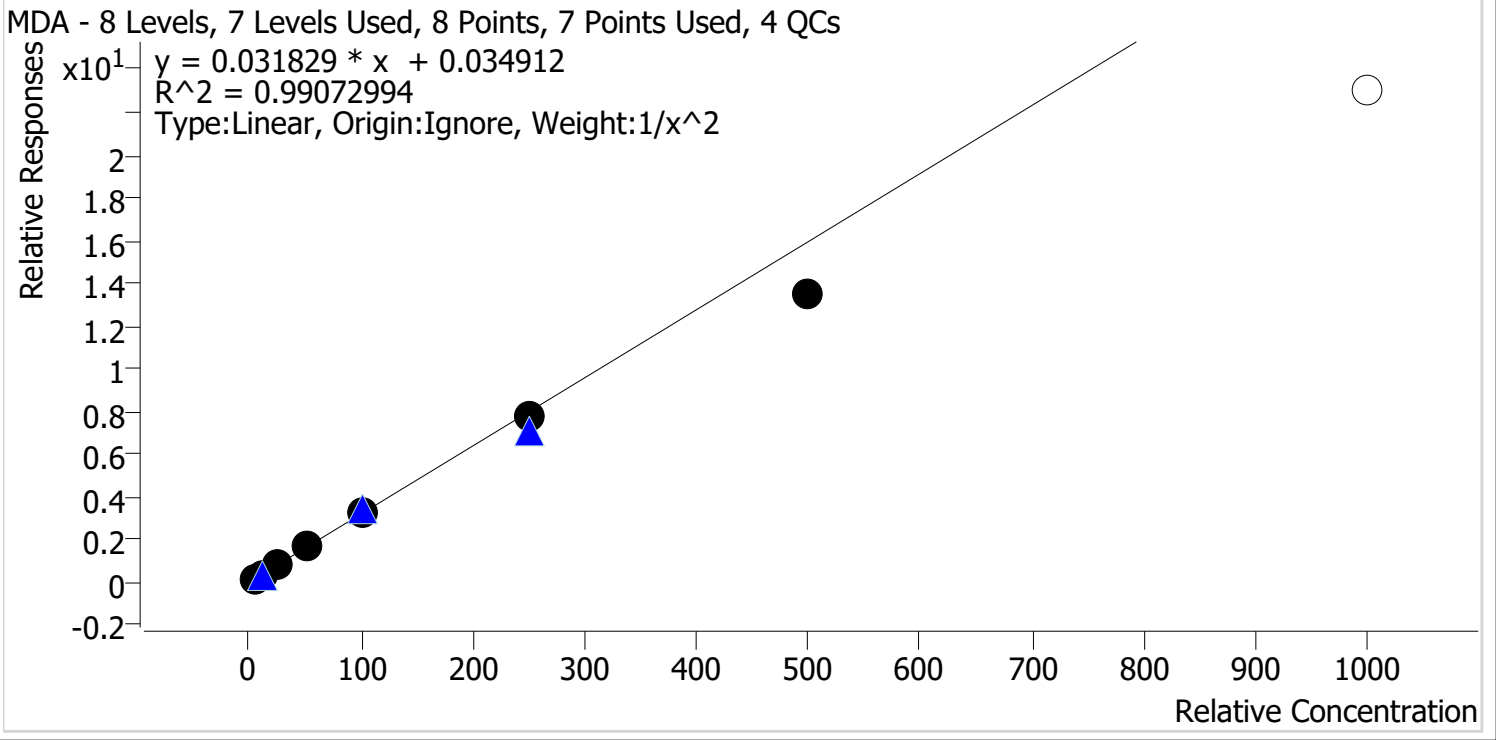


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.009	1410296	496.50	40.4	543.96	73863	914.2199 ng/ml
Hydromorphone	1.609	1028754	2753629.42	75.4	2427875.00	30058	1017.1169 ng/ml
Hydroxyzine	5.697	3309958	459207.03	79.4	370221.57	67020	1168.5530 ng/ml
Ketamine	4.021	1579585	100299.92	37.2	1616.41	115811	660.2747 ng/ml
Lamotrigine	4.273	380325	21466.52	89.9	781.73	248216	2766.5978 ng/ml
Lorazepam	5.733	243175	64189.23	53.0	4408.46	16475	1094.7425 ng/ml
MDA	3.174	1773553	6065.87	28.3	66724.47	77532	717.5977 ng/ml
MDMA	3.282	2638376	1222.25	85.2	1380.88	27895	999.3047 ng/ml
Meprobamate	4.889	390268	59622.04	27.6	27439.56	43720	456.7285 ng/ml
Methadone	5.645	5598439	3764380.24	50.8	71639.84	214269	993.3166 ng/ml
Methamphetamine	3.216	5132536	114561.30	38.0	154654.89	281167	682.5432 ng/ml
Metoprolol	4.306	474866	1035976.40	102.4	4314.01	324213	664.3310 ng/ml
Mirtazapine	4.614	5030399	1002.89	51.0	206998.58	170121	893.2936 ng/ml
Mitragynine	5.225	1008909	448822.05	37.4	375386.52	214269	941.7653 ng/ml
Morphine	1.247	210245	4280.20	43.8	∞	5234	961.6537 ng/ml
Norbuprenorphine	4.979	21645	5187.88	89.3	25939.83	8703	102.6733 ng/ml
Nordiazepam	5.887	743276	15444.16	57.2	40195.21	23636	951.7569 ng/ml
Norfentanyl	4.069	219329	48778.91	38.2	2003.23	67665	116.0203 ng/ml
Norhydrocodone	3.057	332060	120.27	42.7	1359.62	16964	1181.2007 ng/ml
Noroxycodone	2.900	691647	1250.23	49.7	1177.62	25410	970.2008 ng/ml
O-desmethyl-tramadol	3.362	7366432	501455.87	6.4	1623909.91	360679	1017.3569 ng/ml
o-desmethylvenlafaxine	4.054	3681049	149445.24	22.1	67435.10	34442	923.2036 ng/ml
Olanzapine	4.469	1765584	17103.98	63.3	163859.05	52688	914.8747 ng/ml
Oxazepam	5.742	269424	467.76	70.5	1926.79	16475	925.9724 ng/ml
Oxycodone	2.831	2397349	834.33	28.9	2510.23	101551	1001.4098 ng/ml
Oxymorphone	1.406	623199	1514.10	45.7	2846.59	23603	947.1081 ng/ml
Phentermine	3.765	1158704	∞	4.7	1327.48	217947	658.6668 ng/ml
Promethazine	5.530	4579531	23314.75	30.3	88821.07	218866	994.6595 ng/ml
Pseudoephedrine	2.586	5294392	671.16	16.3	203708.38	248216	1055.6571 ng/ml
Quetiapine	5.553	3440375	471553.80	62.2	1677.32	59356	905.5626 ng/ml
Sertraline	5.769	285984	246.58	90.0	9737.75	11514	972.8021 ng/ml
Temazepam	5.824	720485	10238.40	28.0	54.24	23524	1178.9104 ng/ml
Tramadol	4.225	4937565	∞	3.9	751.91	324213	879.4631 ng/ml
Trazodone	5.164	4787225	1788631.83	75.2	325754.35	277225	682.0597 ng/ml
Venlafaxine	5.030	6724353	157672.37	32.3	3165.48	323768	993.7691 ng/ml
Xylazine	4.063	2259796	2003.08	51.2	1856.90	98972	988.4075 ng/ml
Zolpidem	4.920	5833945	5089103.24	28.9	2312305.90	293918	875.0266 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

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Analyst Name ISP\Datastor
Analyte MDA Internal Standard MDA-D5



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p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	423.8	84.8
p1 Cal 8-1000ng	8	✗	1000.0	721.9	72.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

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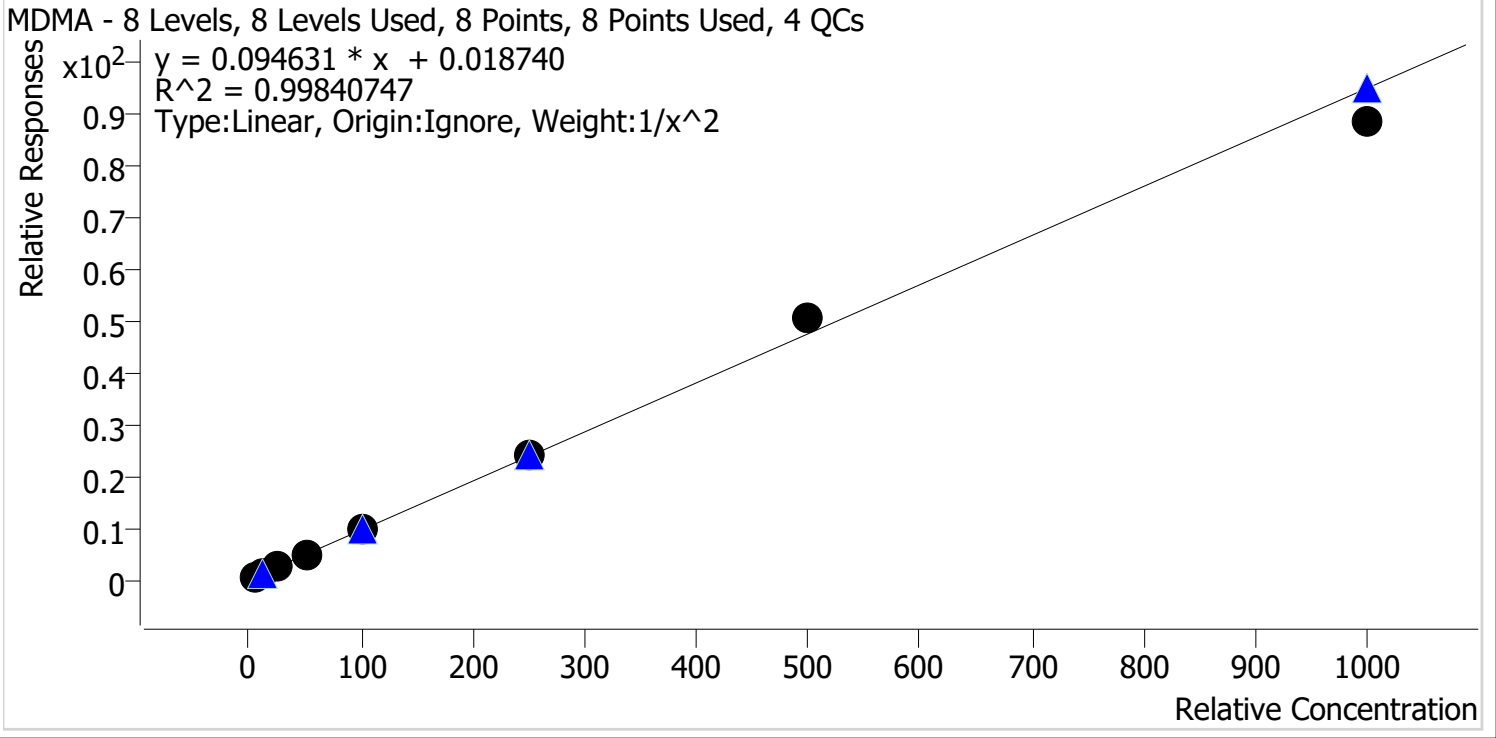
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ISP\Datastor

MDMA

Internal Standard

MDMA-D6

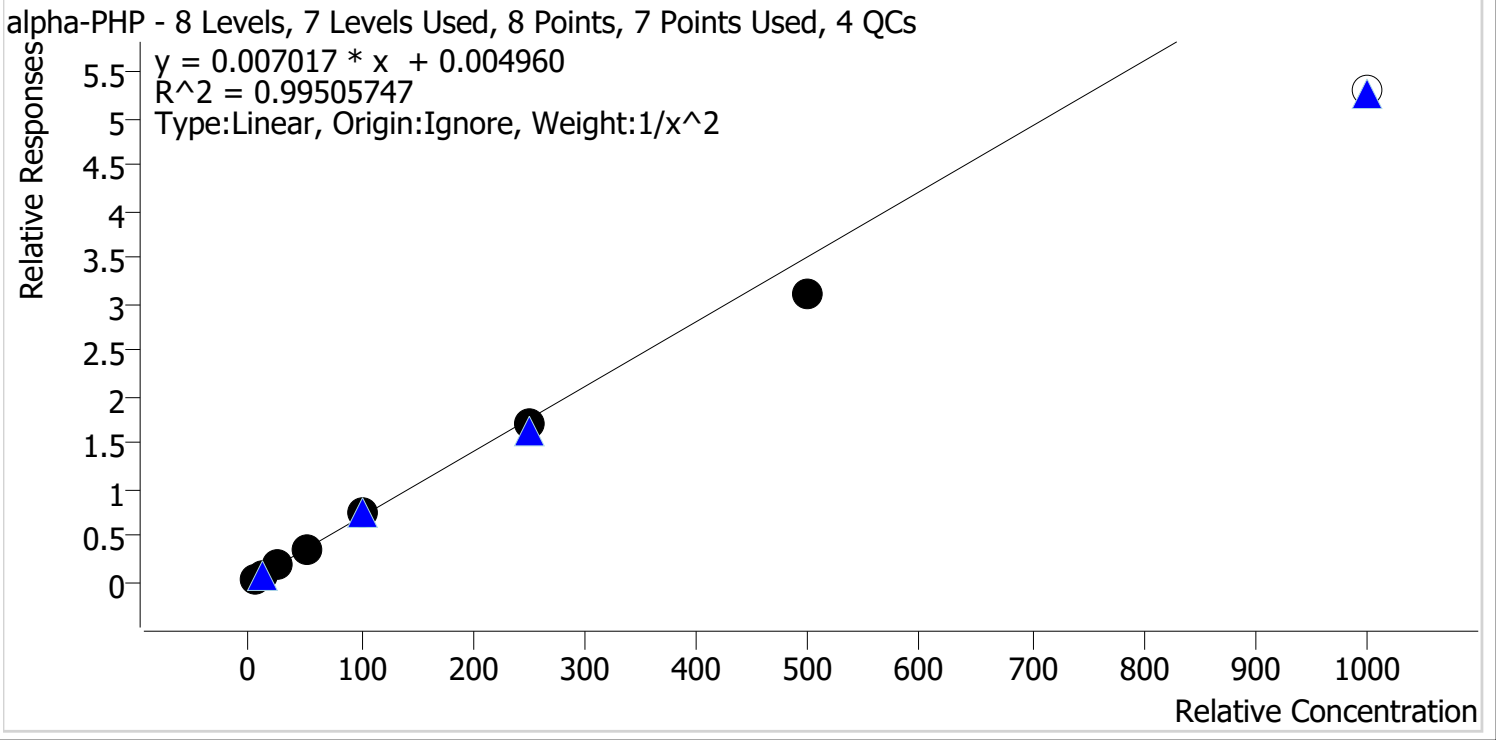


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
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p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	529.5	105.9
p1 Cal 8-1000ng	8	✓	1000.0	932.9	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
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Analyst Name ISP\Datastor
Analyte alpha-PHP Internal Standard alpha-PVP-D8

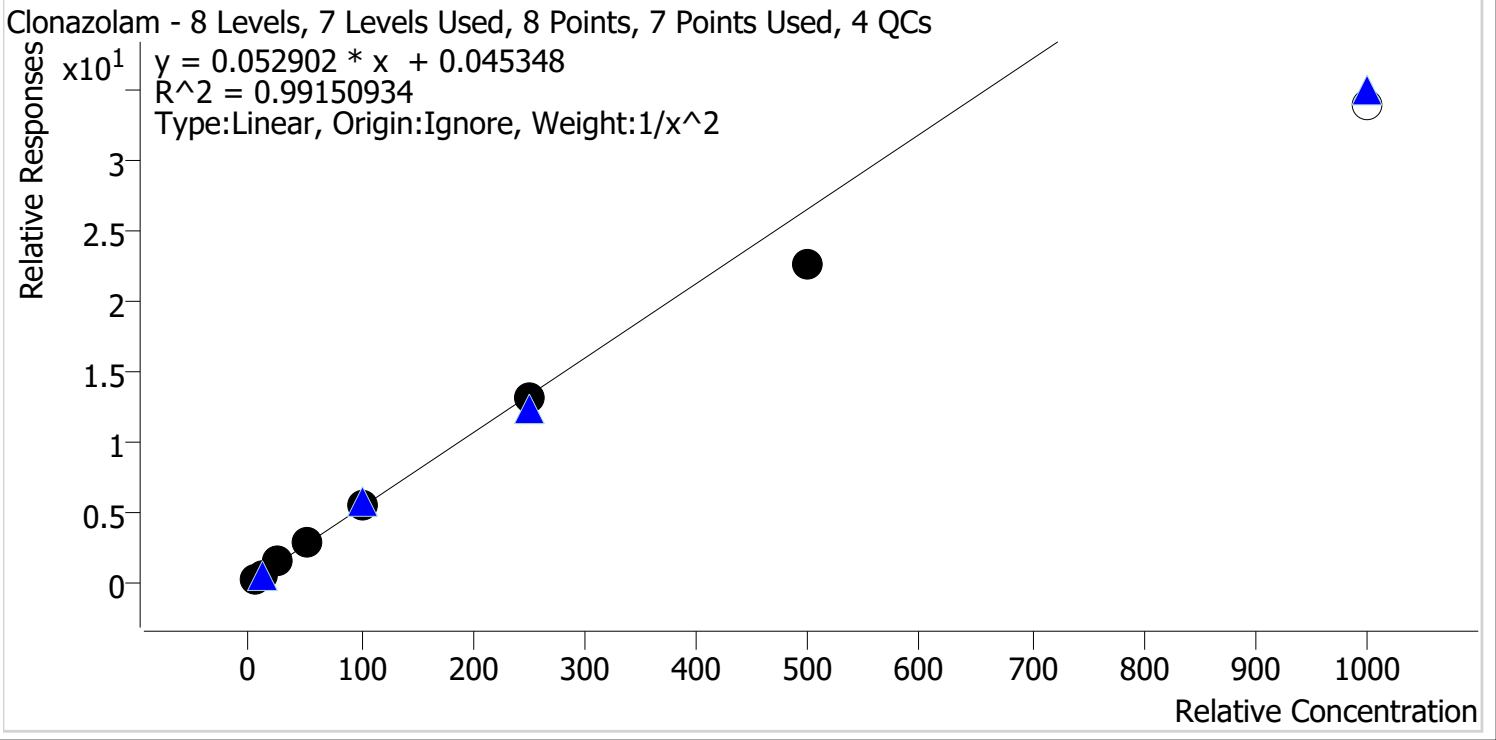


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
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p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	244.9	97.9
p1 Cal 7-500ng	7	✓	500.0	442.5	88.5
p1 Cal 8-1000ng	8	✗	1000.0	754.7	75.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
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Analyst Name ISP\Datastor
Analyte Clonazepam Internal Standard Clonazepam-D4

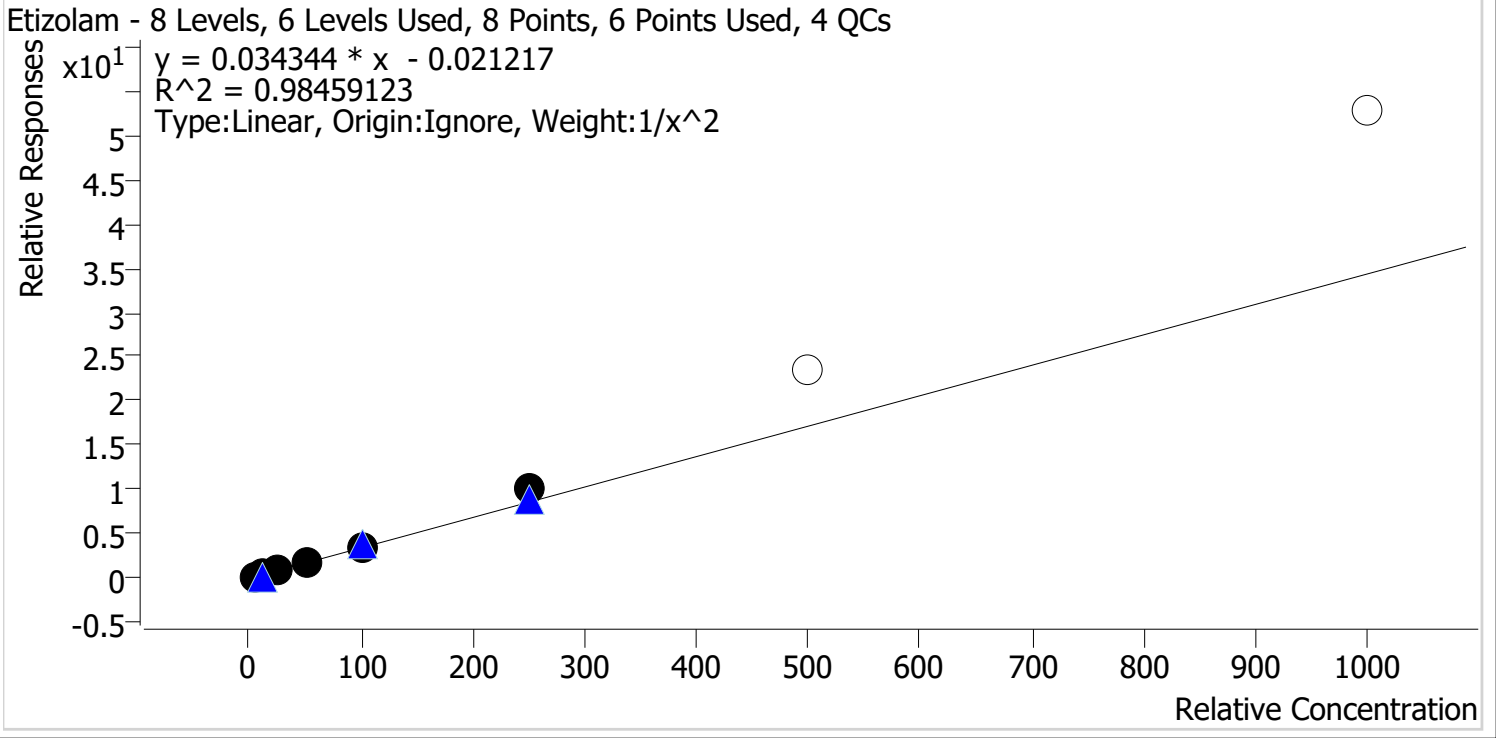


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	425.8	85.2
p1 Cal 8-1000ng	8	✗	1000.0	639.7	64.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	104.8
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	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	296.6	118.7
p1 Cal 7-500ng	7	✗	500.0	689.4	137.9
p1 Cal 8-1000ng	8	✗	1000.0	1534.6	153.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

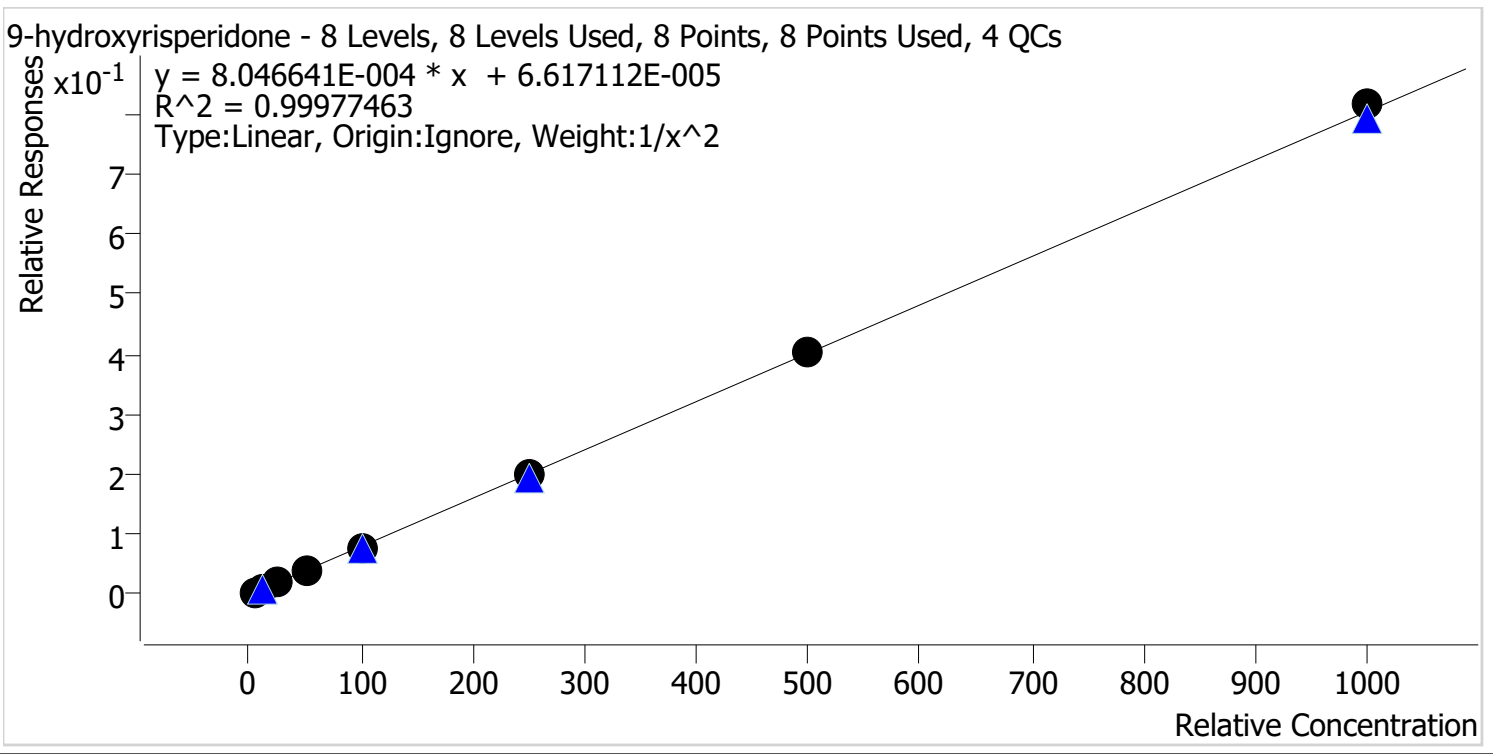
9/10/2024 2:17 PM

ISP\Datastor

9-hydroxyrisperidone

Internal Standard

9-hydroxyrisperidone-D4

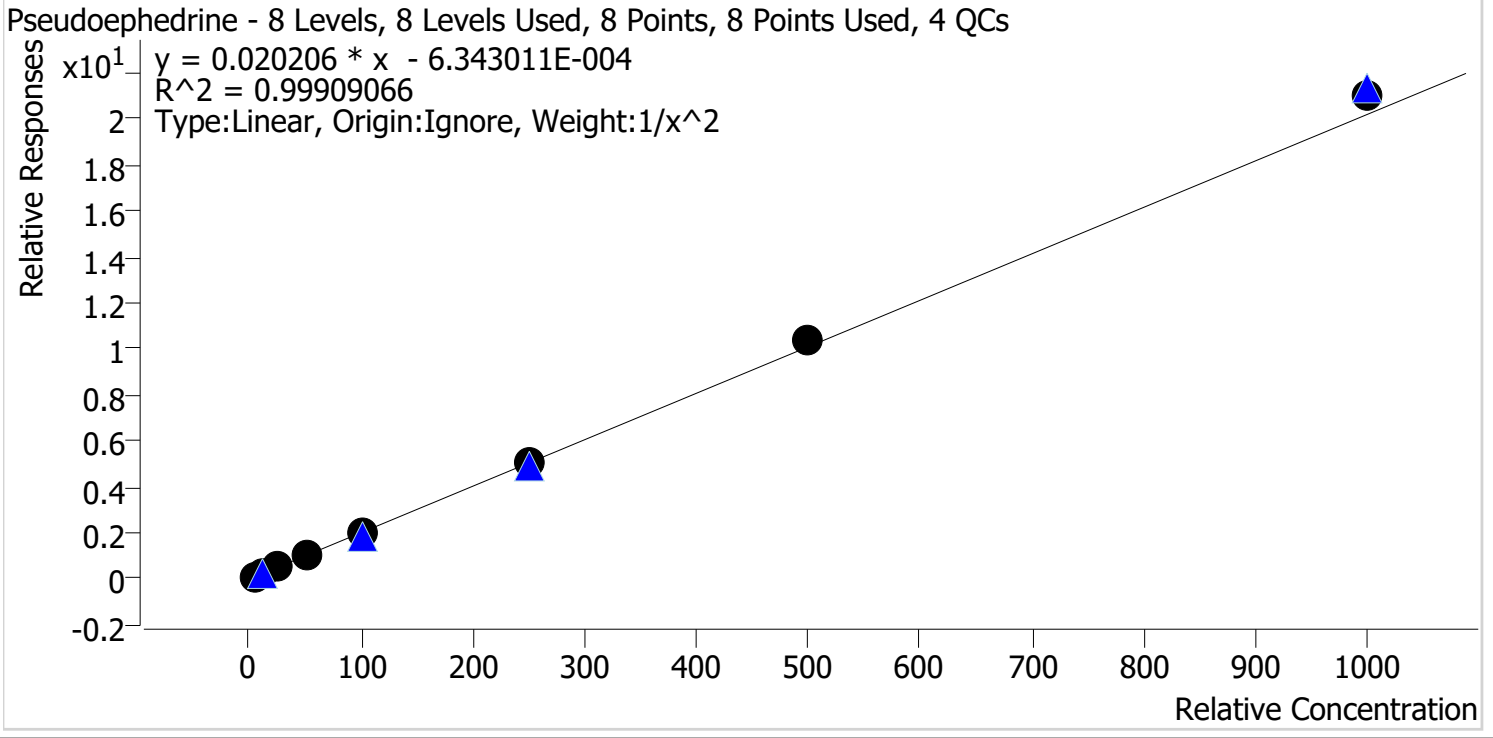


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
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\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
Analyst Name	ISP\Datastor		
Analyte	Pseudoephedrine	Internal Standard	Pseudoephedrine-D3

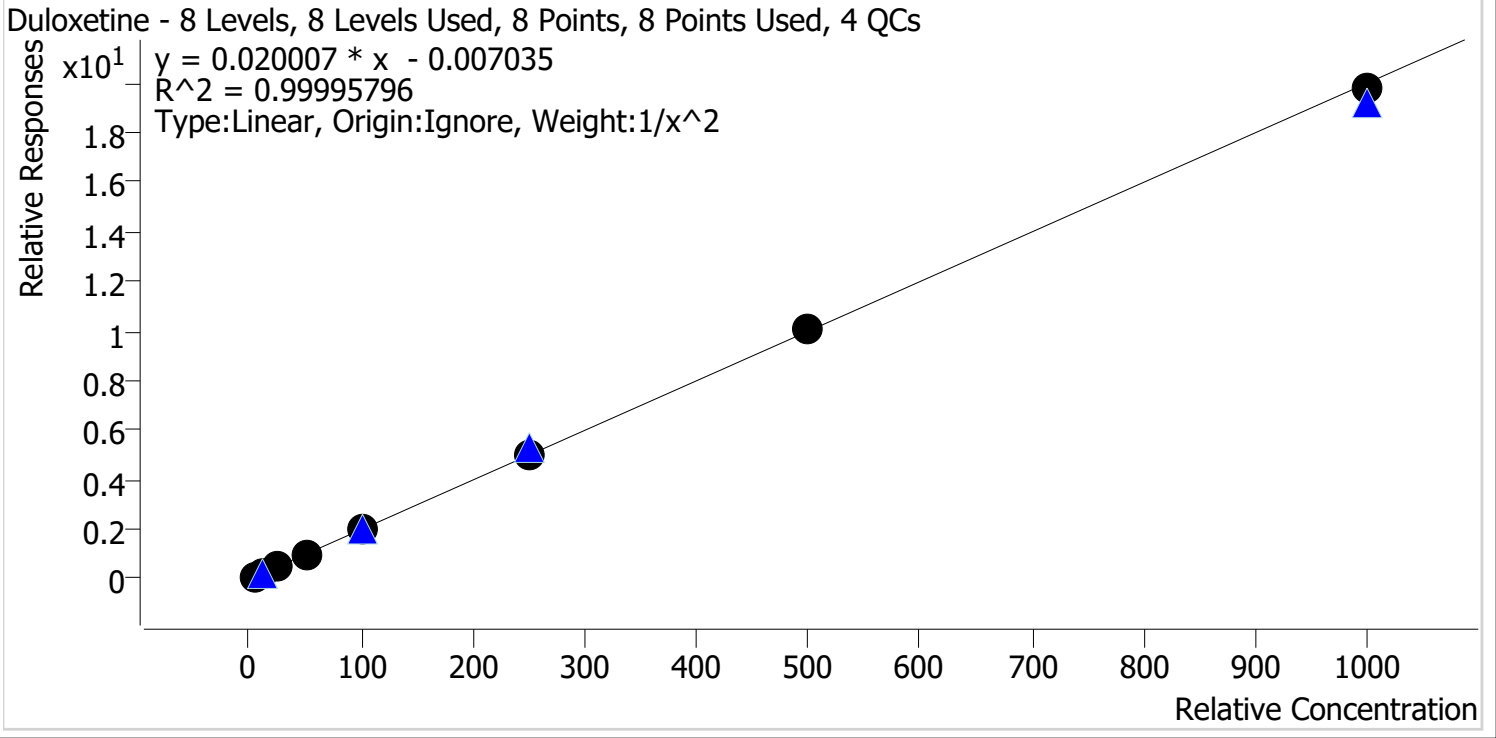


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1038.3	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	989.0	98.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

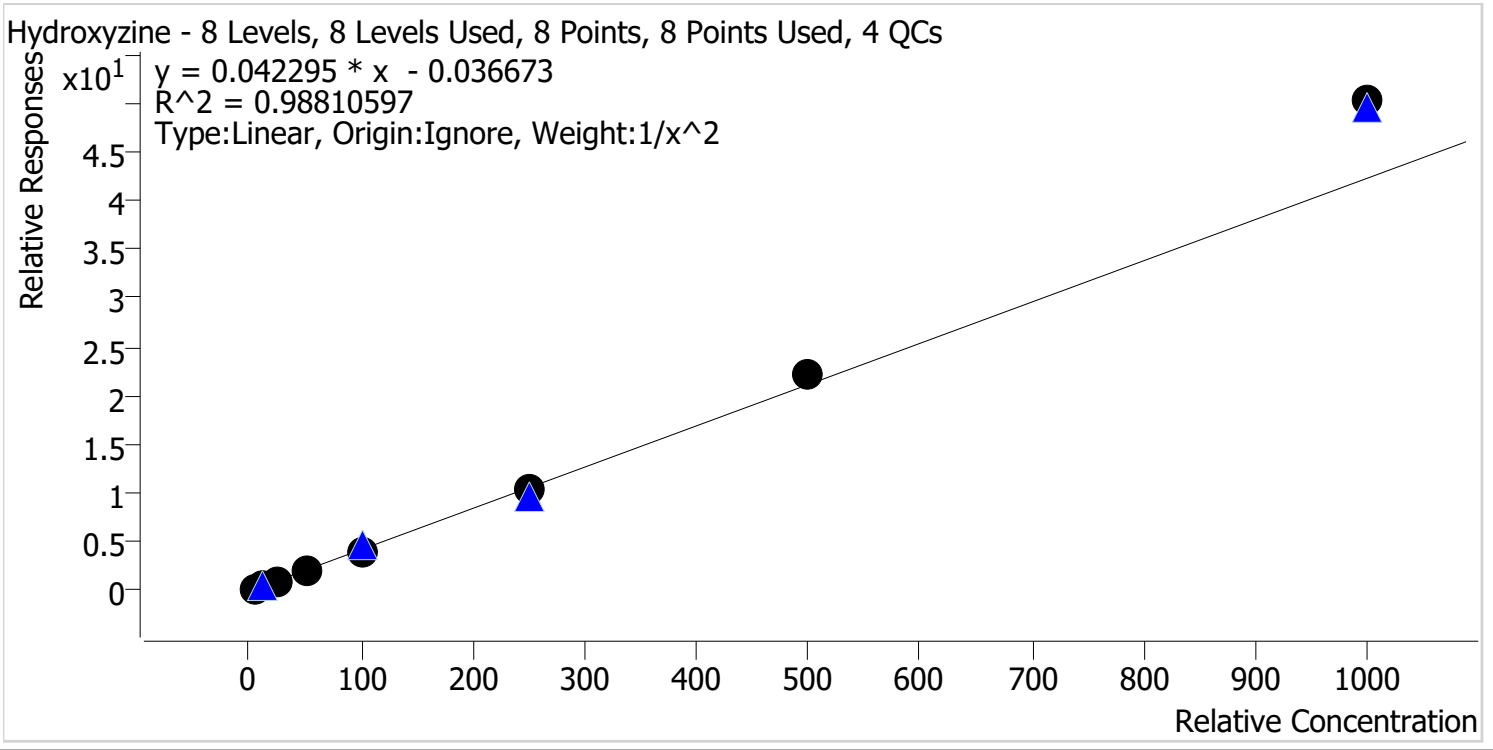
9/10/2024 2:17 PM

ISP\Datastor

Hydroxyzine

Internal Standard

Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.4
p1 Cal 2-10ng	2	✓	10.0	9.5	94.5
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.1
p1 Cal 4-50ng	4	✓	50.0	45.1	90.2
p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	528.1	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1188.2	118.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

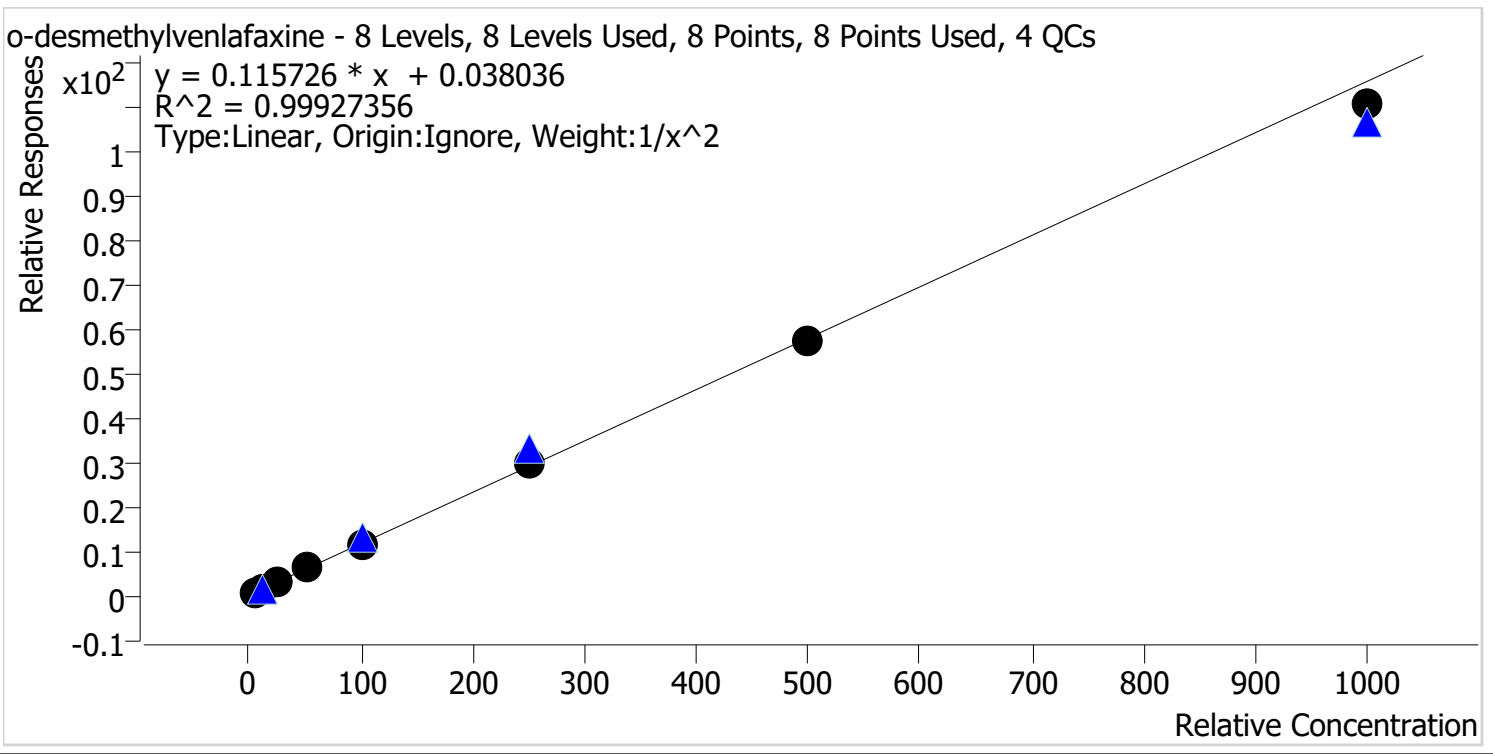
9/10/2024 2:17 PM

ISP\Datastor

o-desmethylvenlafaxine

Internal Standard

o-desmethylvenlafaxine-D6

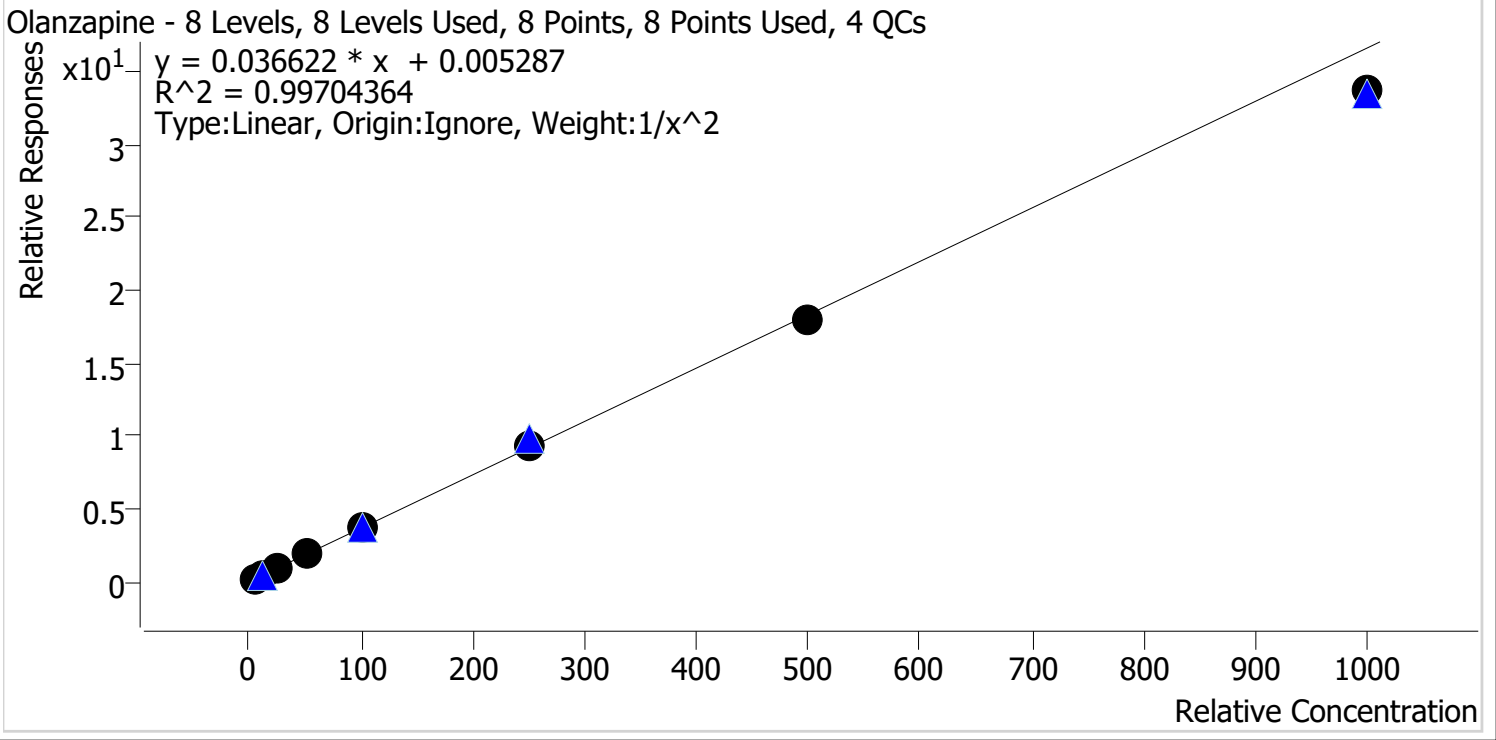


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	491.6	98.3
p1 Cal 8-1000ng	8	✓	1000.0	955.4	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

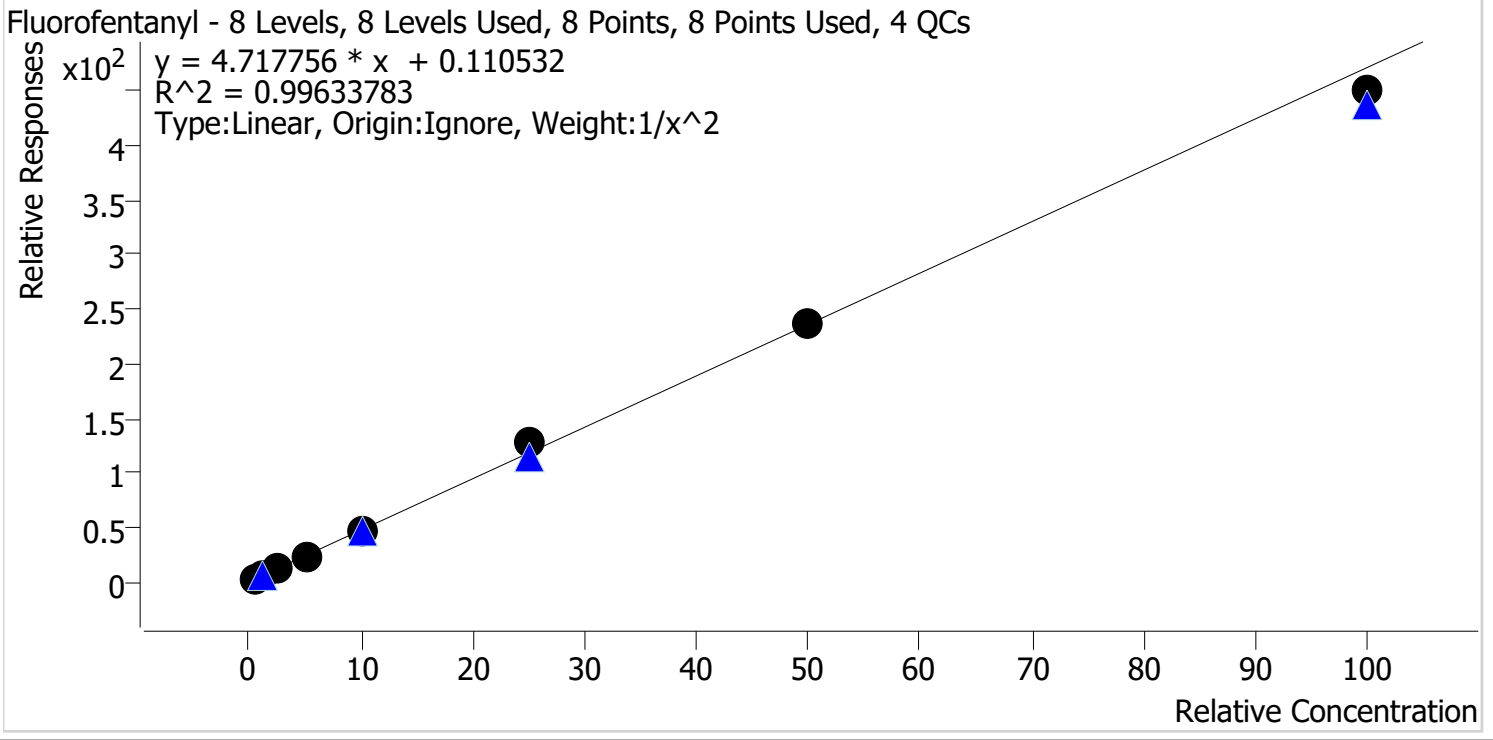


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.4	93.9
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	920.1	92.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
Analyst Name	ISP\Datastor		
Analyte	Fluorofentanyl	Internal Standard	Fluorofentanyl-D5

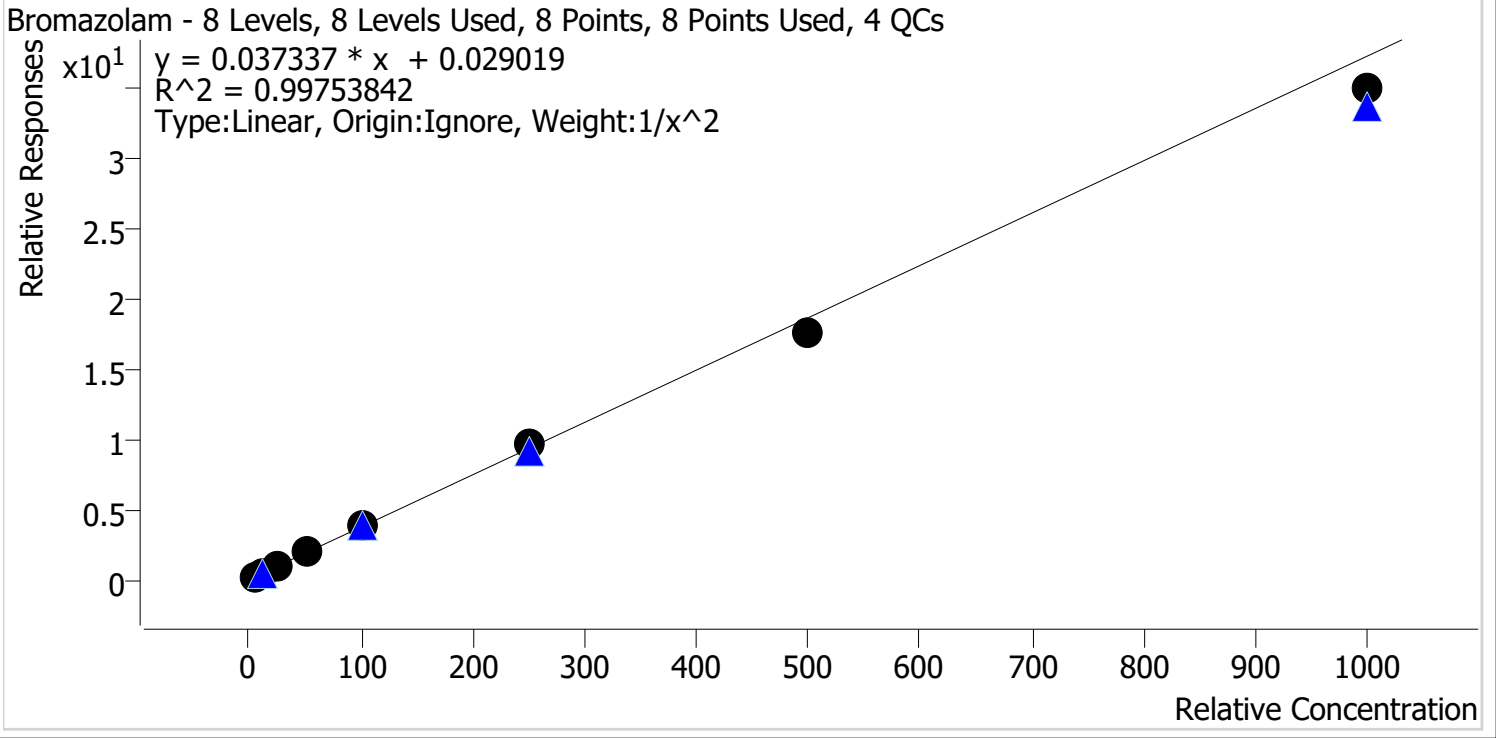


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.7
p1 Cal 2-10ng	2	✓	1.0	0.9	91.1
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.4
p1 Cal 4-50ng	4	✓	5.0	5.0	100.0
p1 Cal 5-100ng	5	✓	10.0	9.8	97.7
p1 Cal 6-250ng	6	✓	25.0	27.0	108.0
p1 Cal 7-500ng	7	✓	50.0	50.3	100.5
p1 Cal 8-1000ng	8	✓	100.0	95.5	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

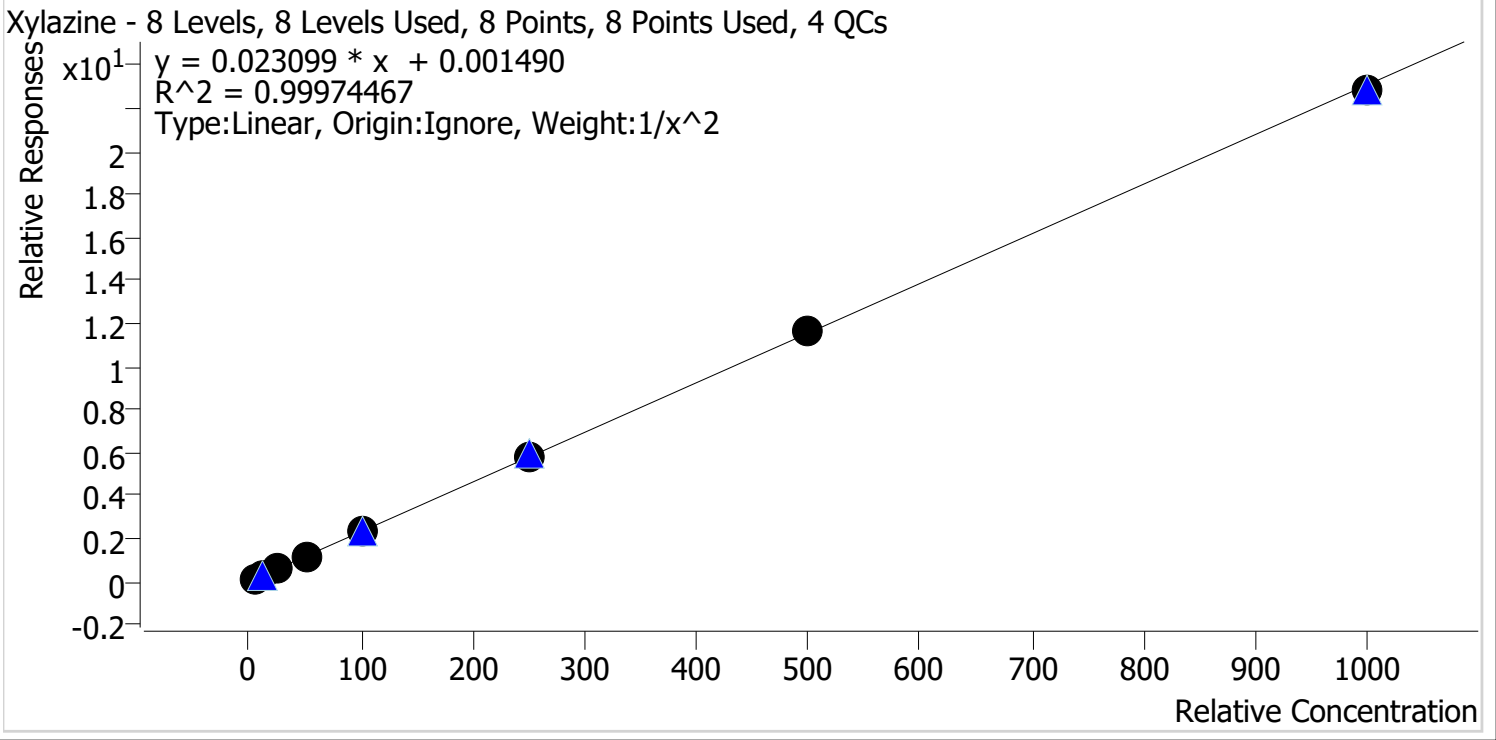


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	469.1	93.8
p1 Cal 8-1000ng	8	✓	1000.0	938.0	93.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Xylazine Internal Standard Xylanzine-D6

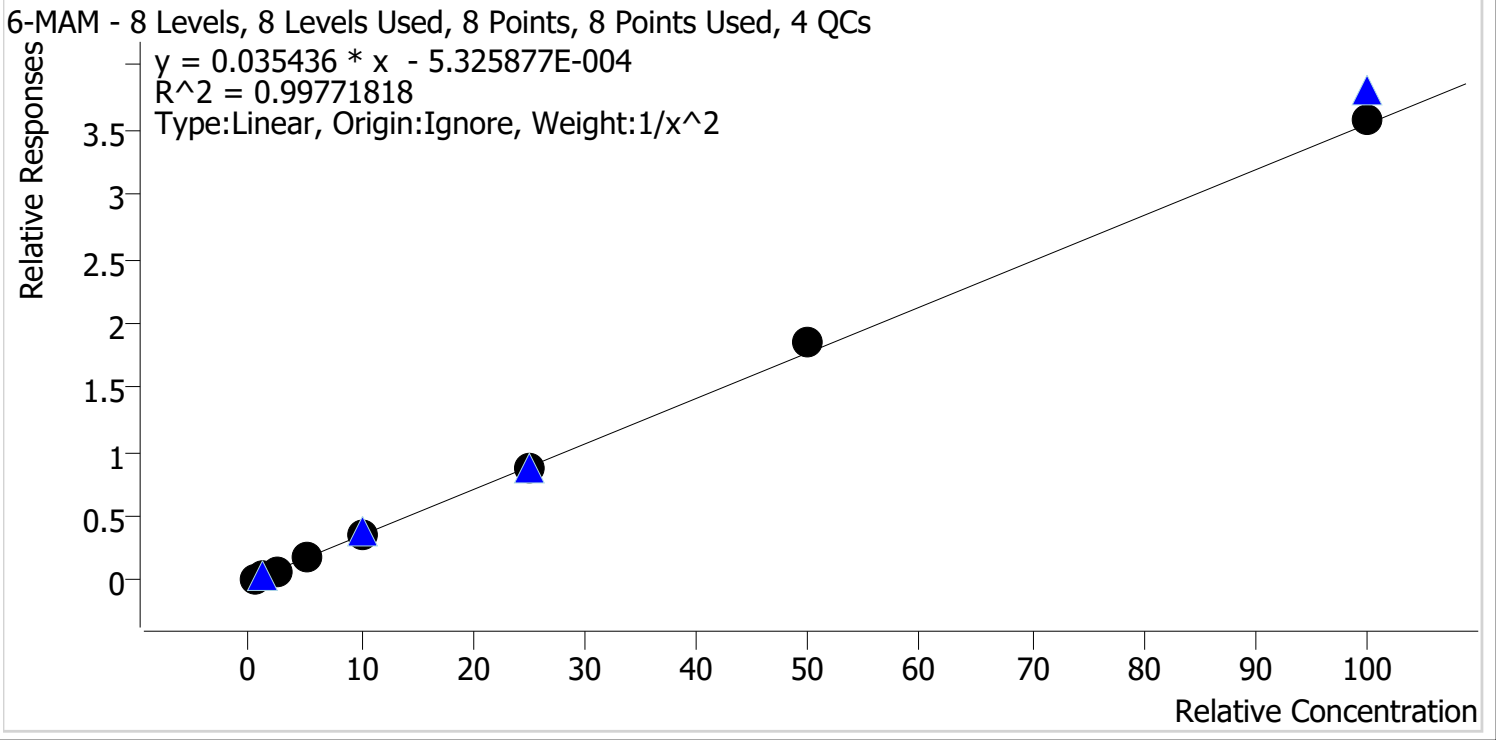


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	988.6	98.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	104.4
p1 Cal 2-10ng	2	✓	1.0	0.9	92.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.6
p1 Cal 4-50ng	4	✓	5.0	5.0	100.6
p1 Cal 5-100ng	5	✓	10.0	10.0	100.3
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	52.6	105.2
p1 Cal 8-1000ng	8	✓	100.0	101.3	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

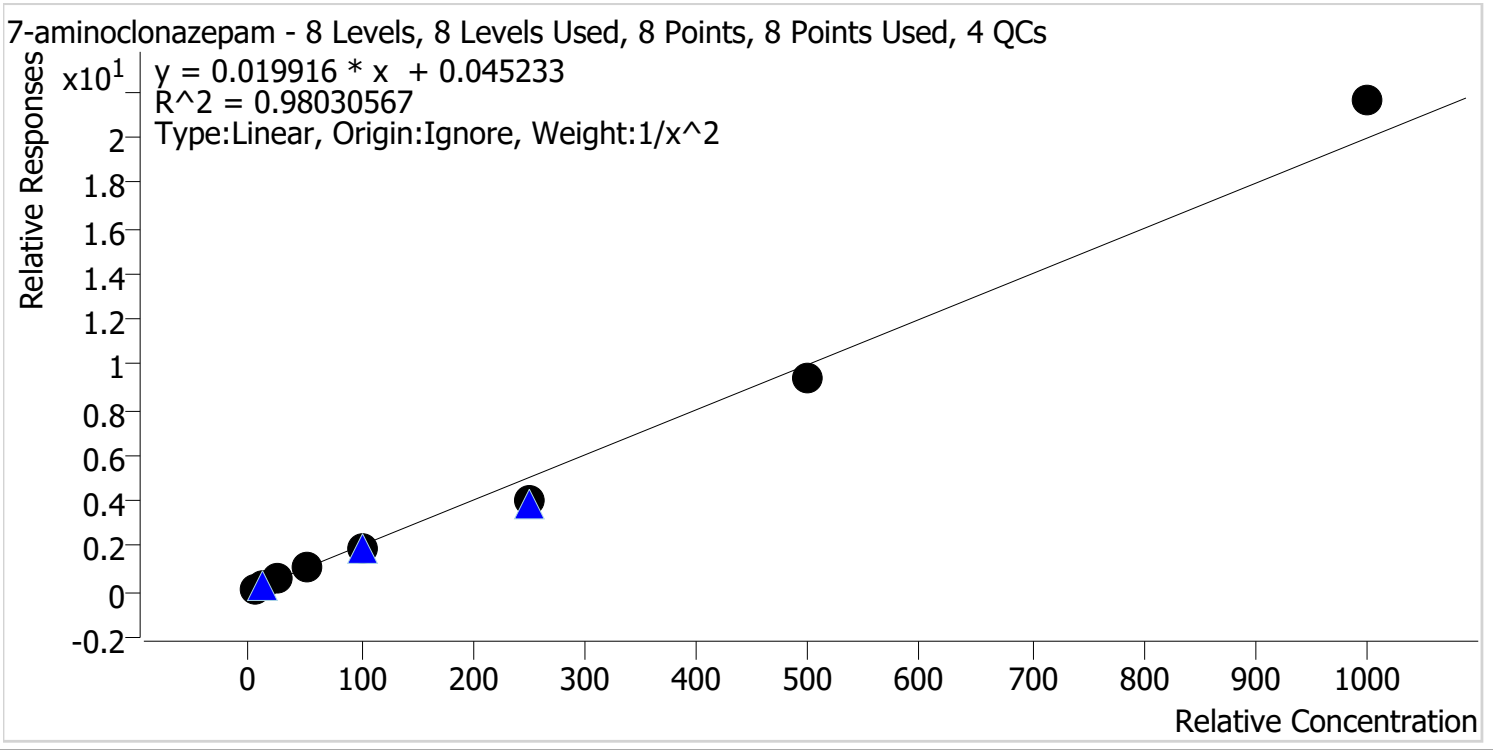
9/10/2024 2:17 PM

ISP\Datastor

7-aminoclonazepam

Internal Standard

7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.3
p1 Cal 2-10ng	2	✓	10.0	11.1	111.3
p1 Cal 3 -25ng	3	✓	25.0	28.8	115.3
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	90.6	90.6
p1 Cal 6-250ng	6	✓	250.0	203.1	81.2
p1 Cal 7-500ng	7	✓	500.0	468.0	93.6
p1 Cal 8-1000ng	8	✓	1000.0	1082.7	108.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

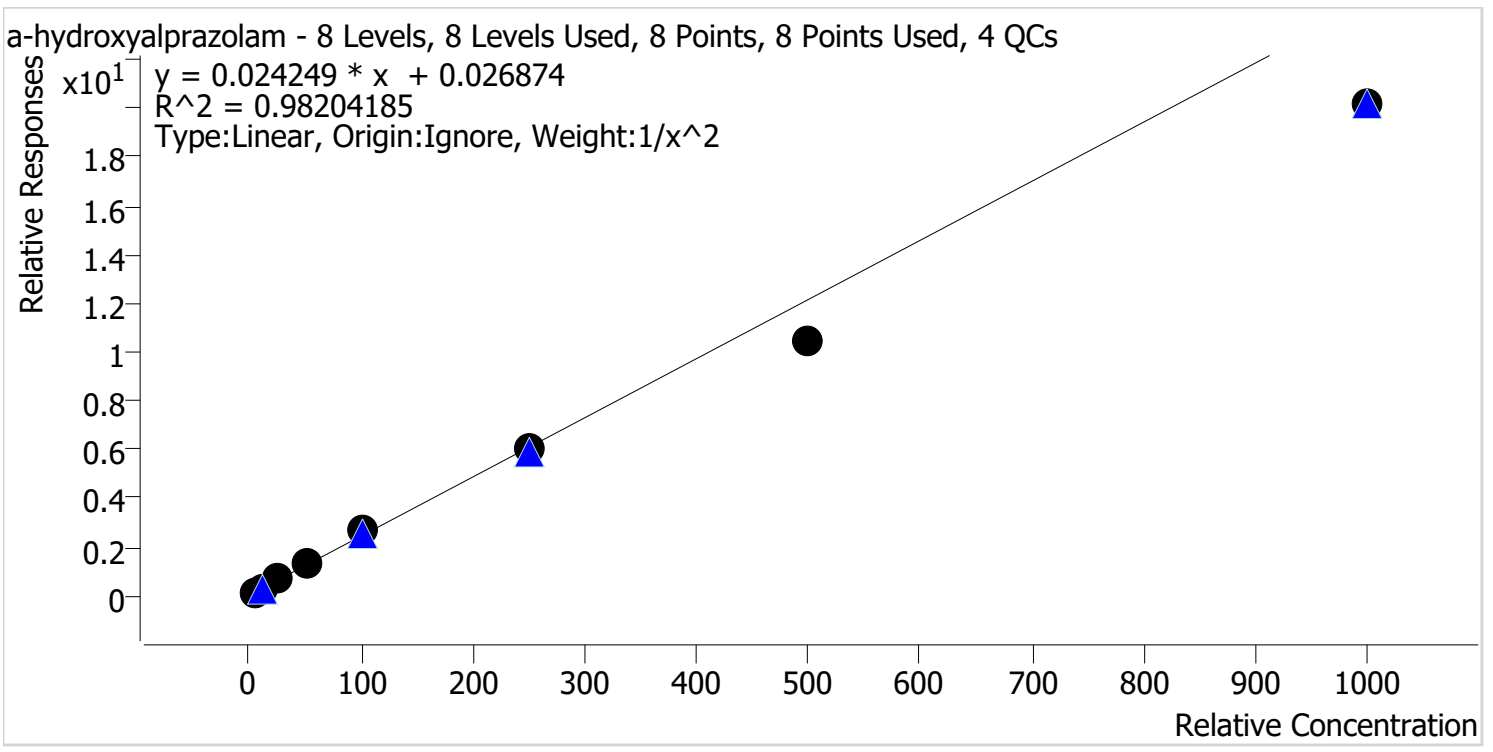
9/10/2024 2:17 PM

ISP\Datastor

a-hydroxyalprazolam

Internal Standard

a-hydroxyalprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	28.5	113.9
p1 Cal 4-50ng	4	✓	50.0	56.4	112.8
p1 Cal 5-100ng	5	✓	100.0	107.7	107.7
p1 Cal 6-250ng	6	✓	250.0	245.4	98.1
p1 Cal 7-500ng	7	✓	500.0	431.7	86.3
p1 Cal 8-1000ng	8	✓	1000.0	829.0	82.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

Last Cal. Update

9/10/2024 2:17 PM

Analyst Name

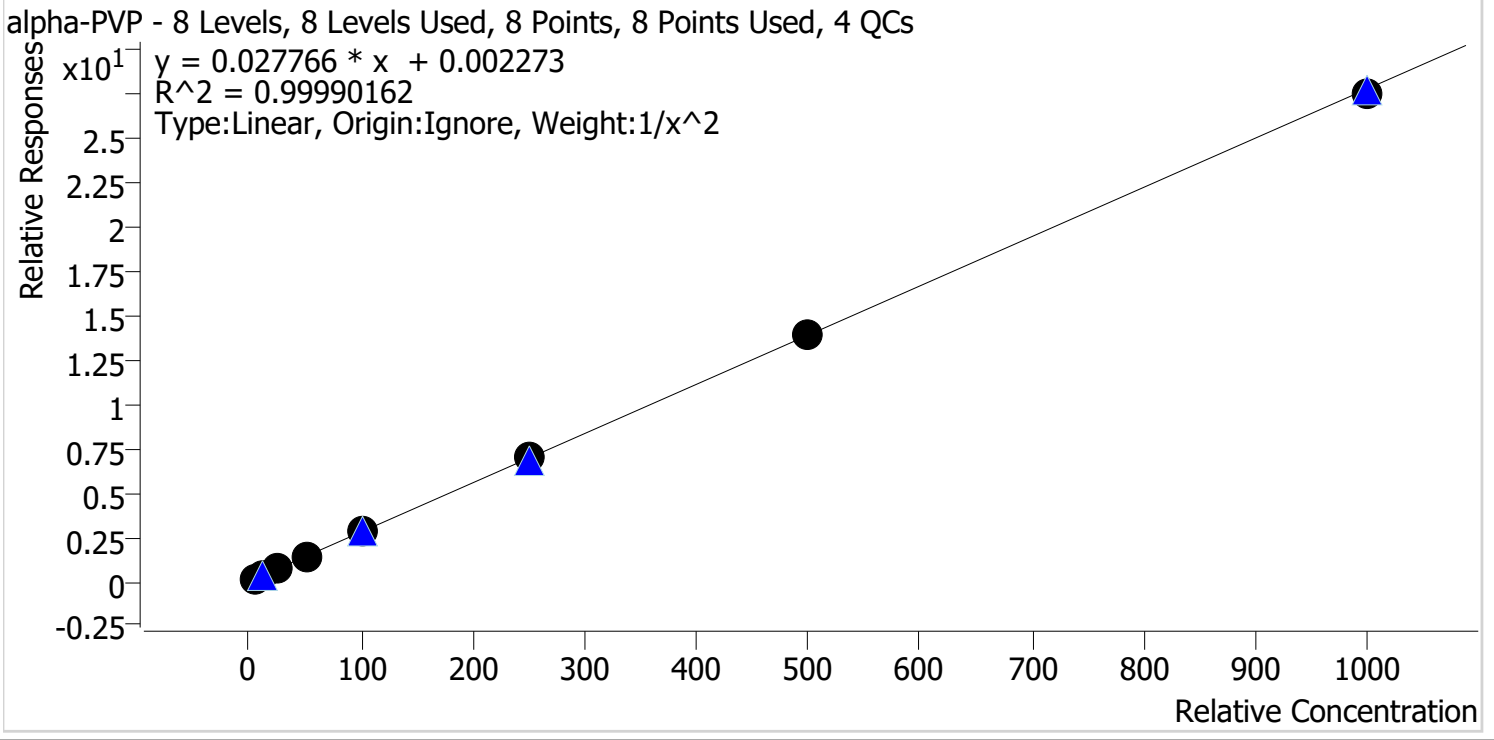
ISP\Datastor

Analyte

alpha-PVP

Internal Standard

alpha-PVP-D8

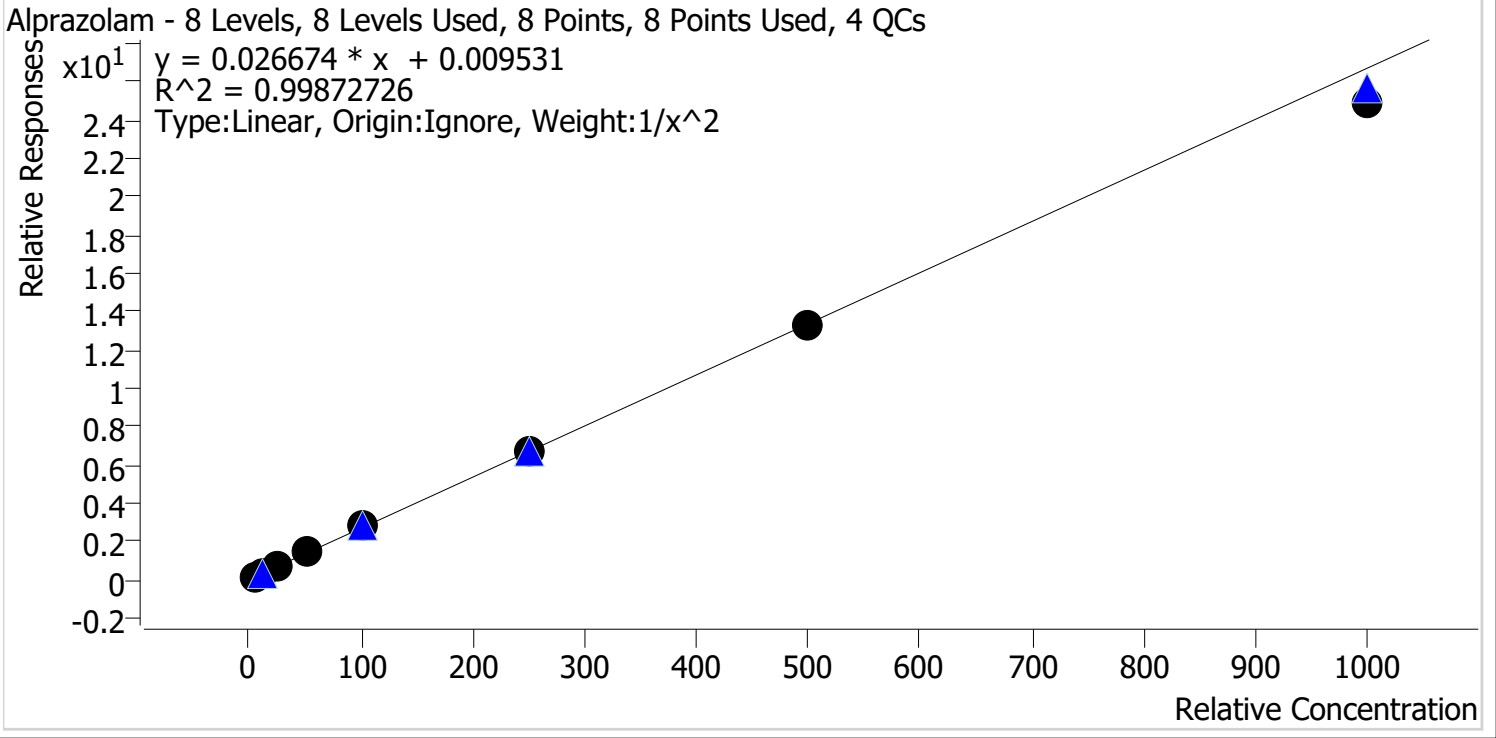


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	992.6	99.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng	8	✓	1000.0	931.6	93.2



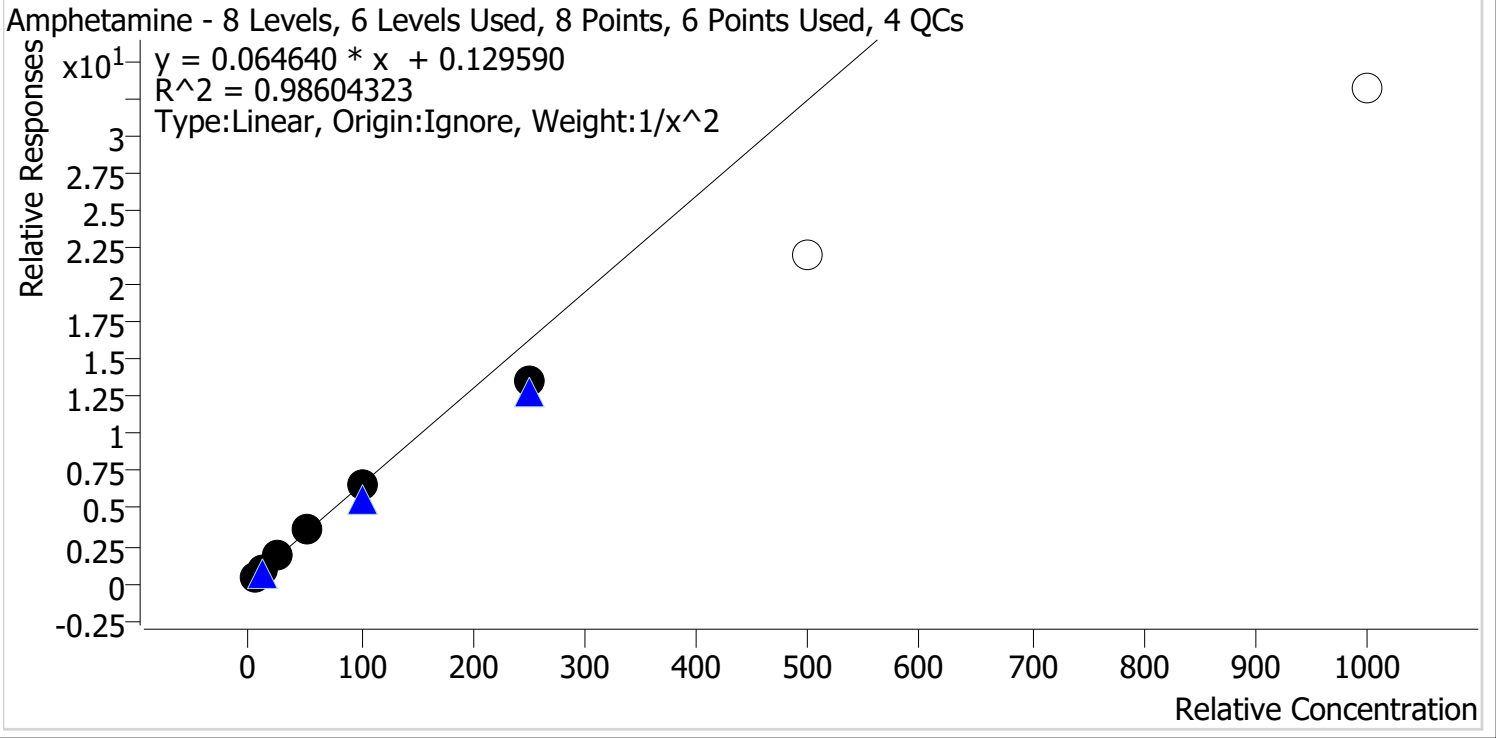
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

Last Cal. Update9/10/2024 2:17 PM

Analyst NameISP\Datastor

AnalyteAmphetamineInternal StandardAmphetamine-D11

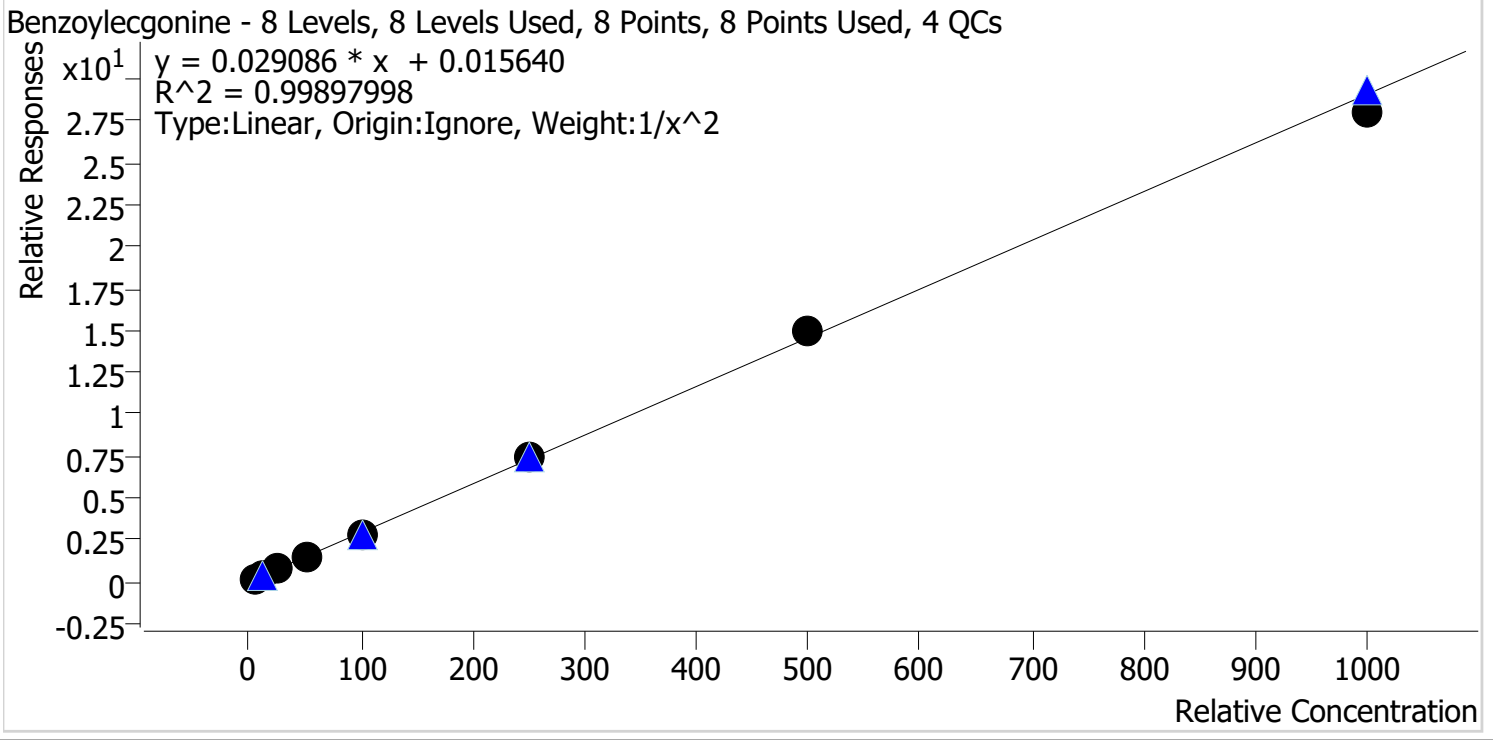


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.7	106.6
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	209.3	83.7
p1 Cal 7-500ng	7	✗	500.0	337.3	67.5
p1 Cal 8-1000ng	8	✗	1000.0	511.2	51.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
Analyst Name	ISP\Datastor		
Analyte	Benzoylecgonine	Internal Standard	Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	511.5	102.3
p1 Cal 8-1000ng	8	✓	1000.0	961.2	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

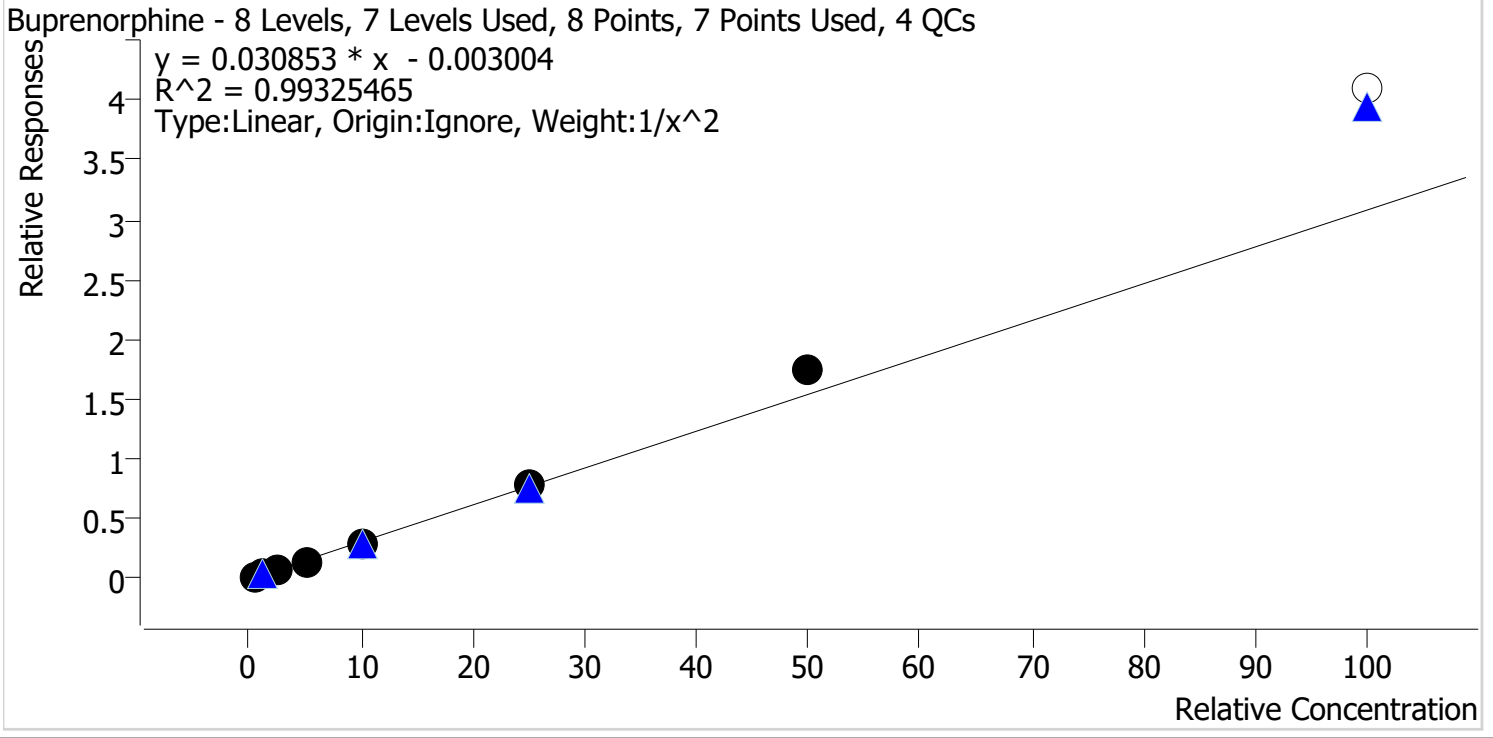
9/10/2024 2:17 PM

ISP\Datastor

Buprenorphine

Internal Standard

Buprenorphine-D4

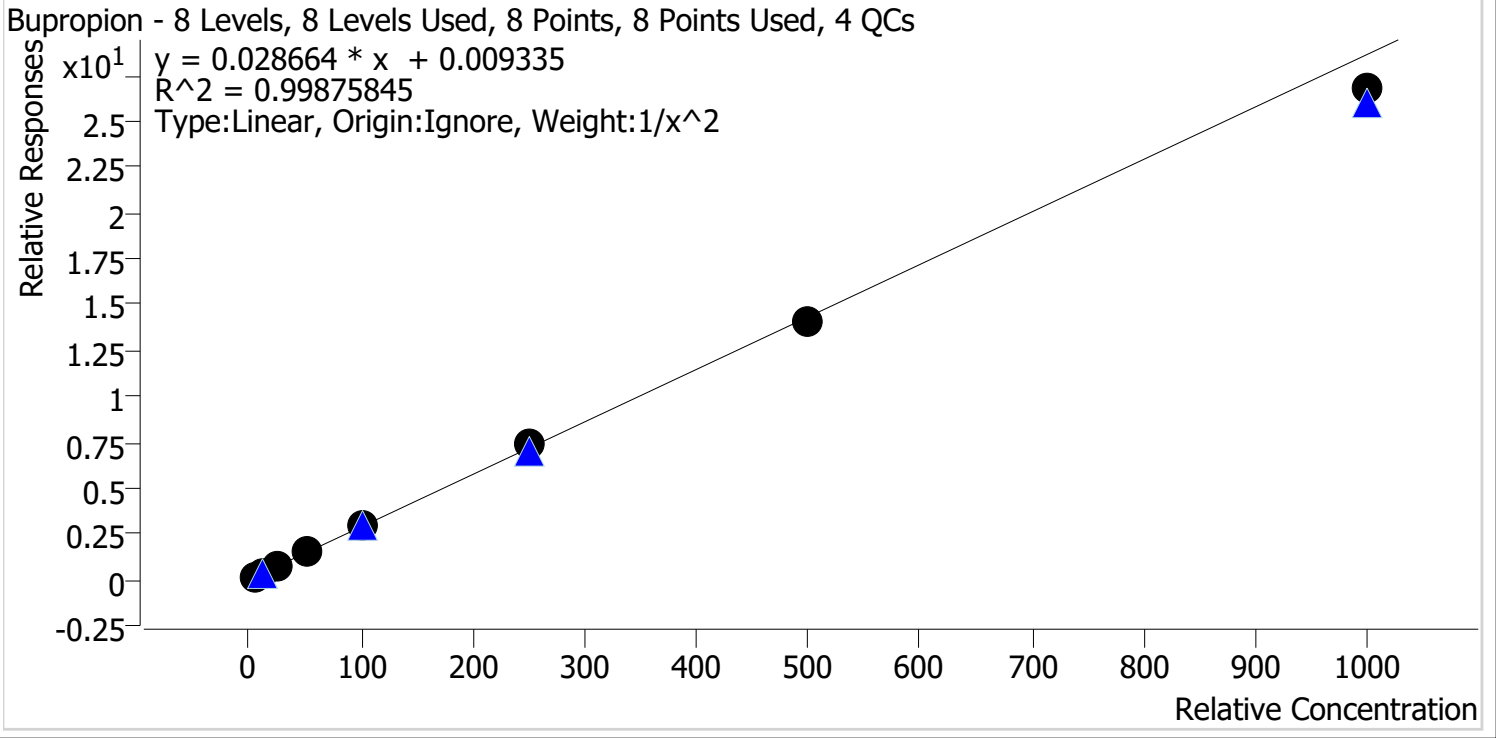


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.9
p1 Cal 2-10ng	2	✓	1.0	1.0	97.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.1
p1 Cal 4-50ng	4	✓	5.0	4.7	93.7
p1 Cal 5-100ng	5	✓	10.0	9.4	93.9
p1 Cal 6-250ng	6	✓	25.0	25.8	103.1
p1 Cal 7-500ng	7	✓	50.0	56.6	113.2
p1 Cal 8-1000ng	8	✗	100.0	133.0	133.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Bupropion Internal Standard Bupropion-D9

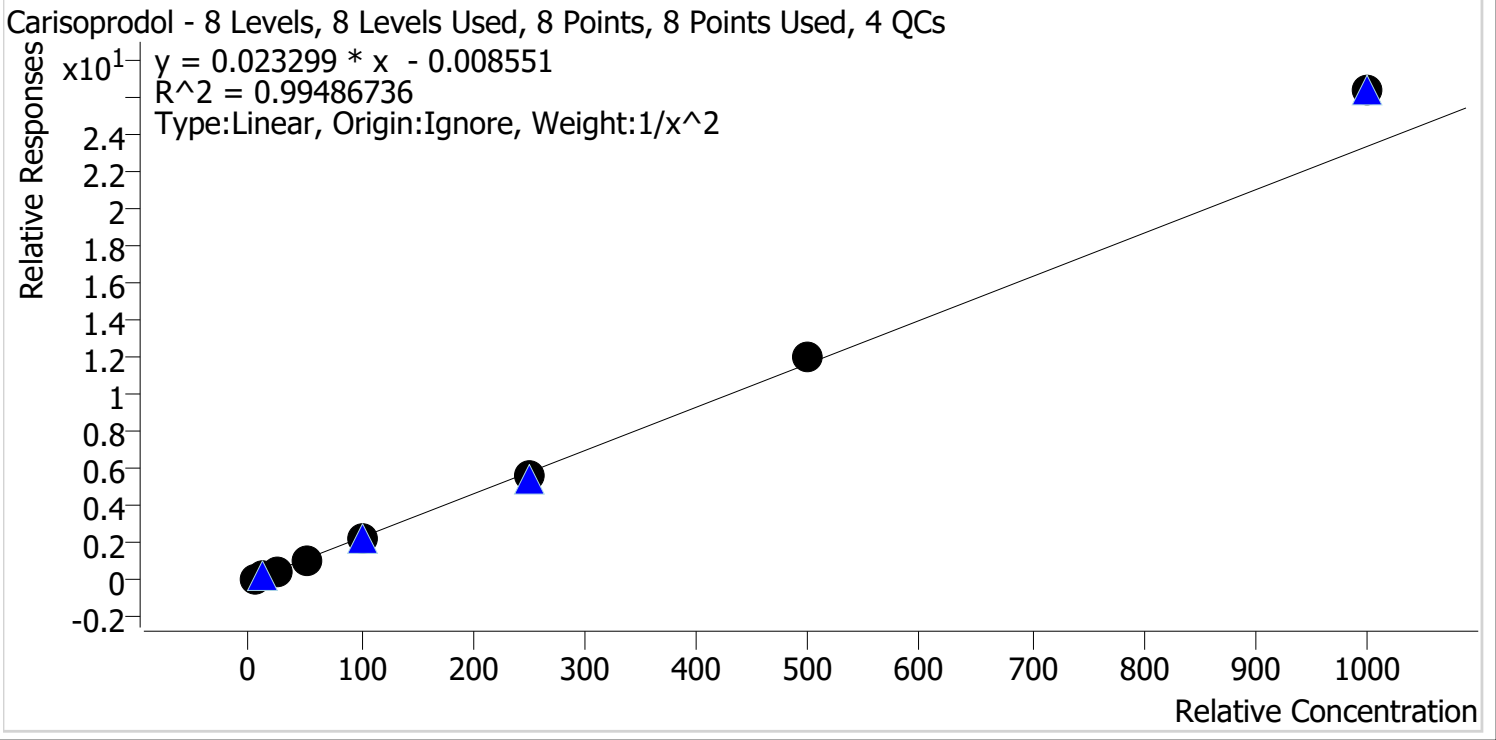


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	492.6	98.5
p1 Cal 8-1000ng	8	✓	1000.0	934.9	93.5



AM #28 Multi-Drug Quant. Calibration Curve Report

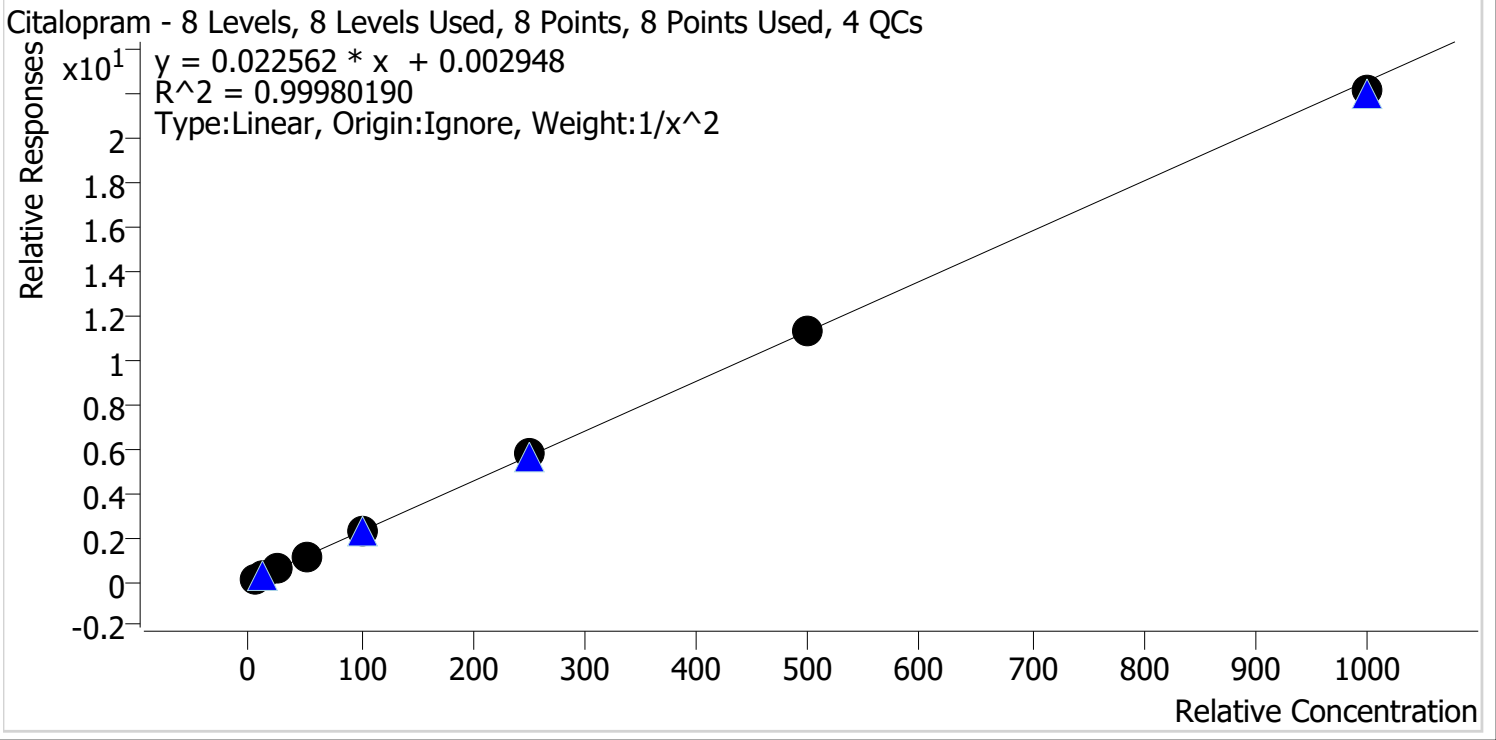
Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7





AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Citalopram Internal Standard Citalopram-D6

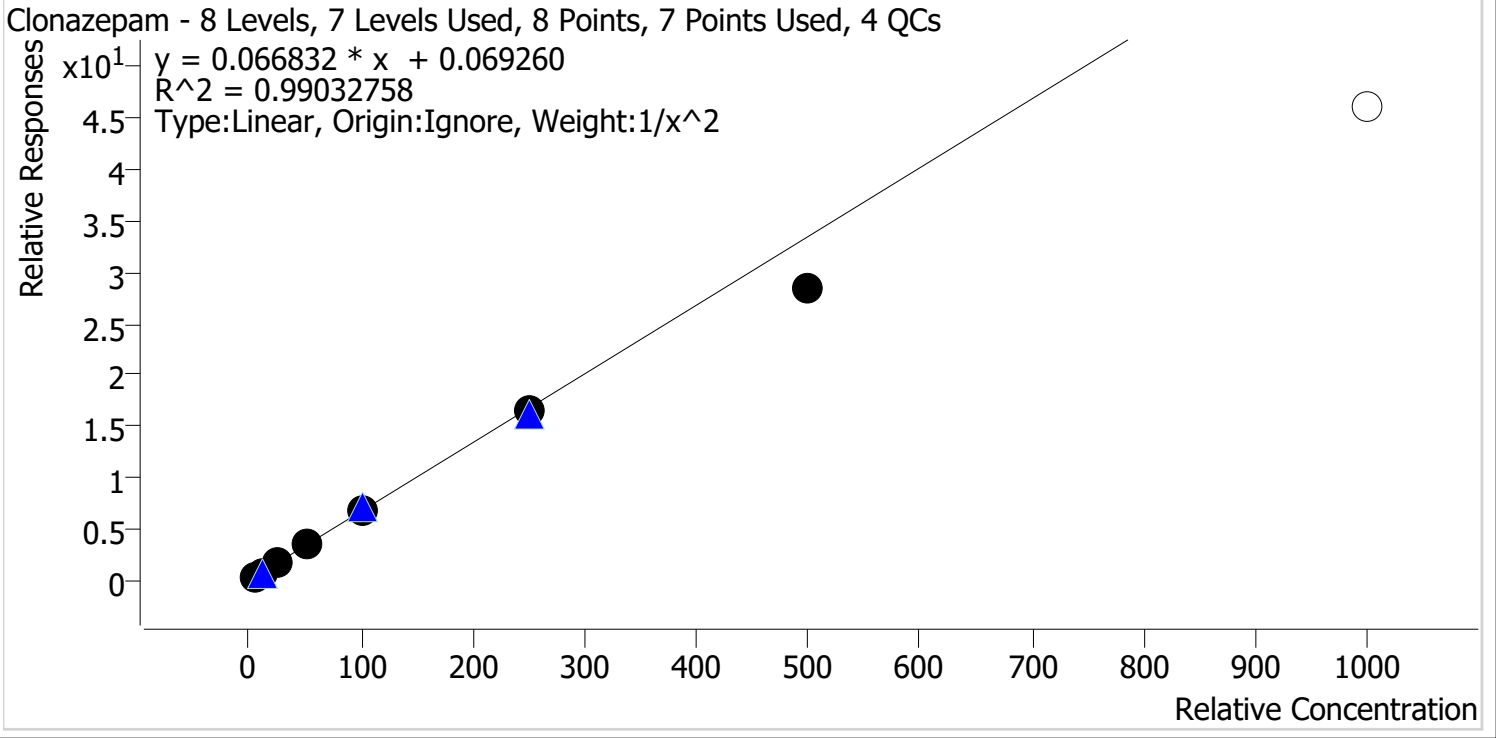


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	981.0	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Clonazepam Internal Standard Clonazepam-D4

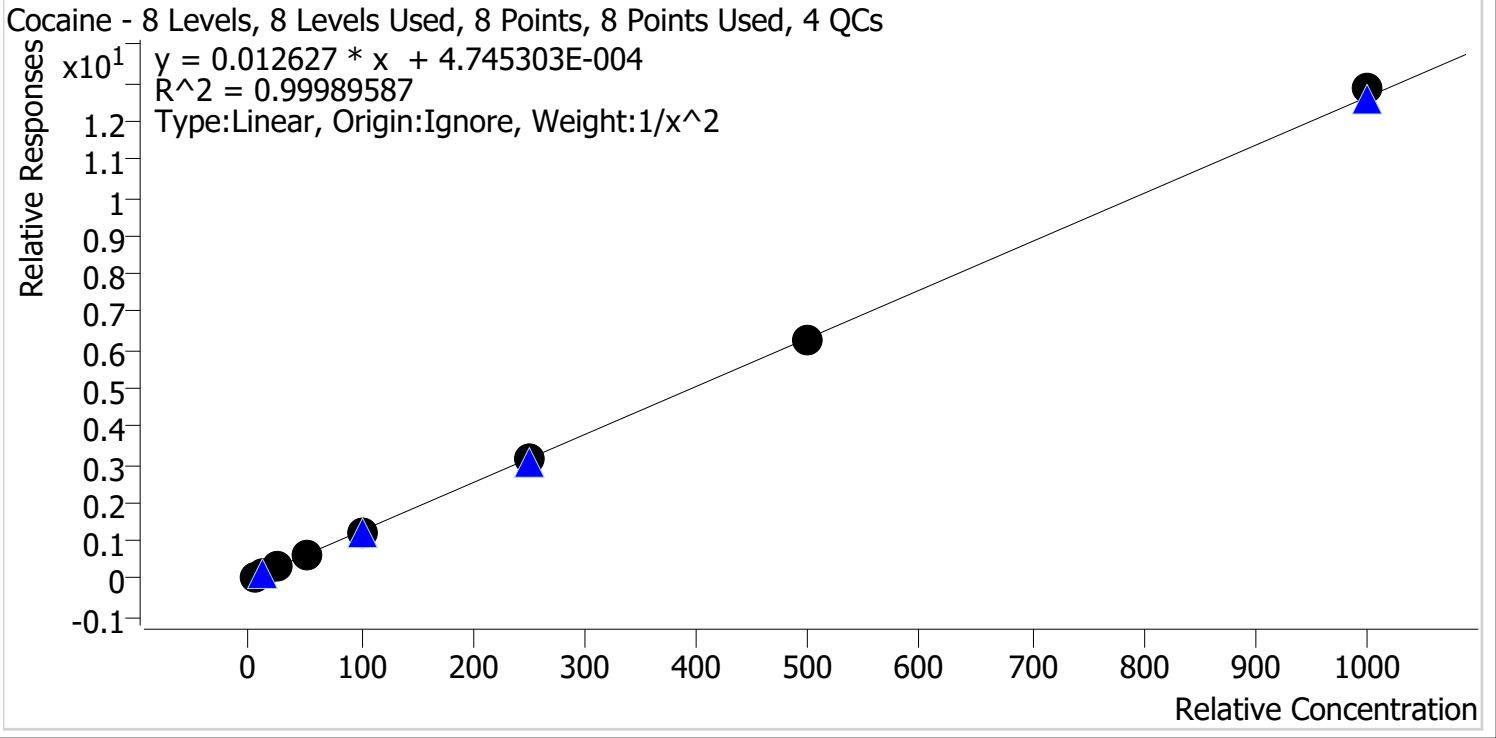


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	422.8	84.6
p1 Cal 8-1000ng	8	✗	1000.0	689.6	69.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Cocaine Internal Standard Cocaine-D3

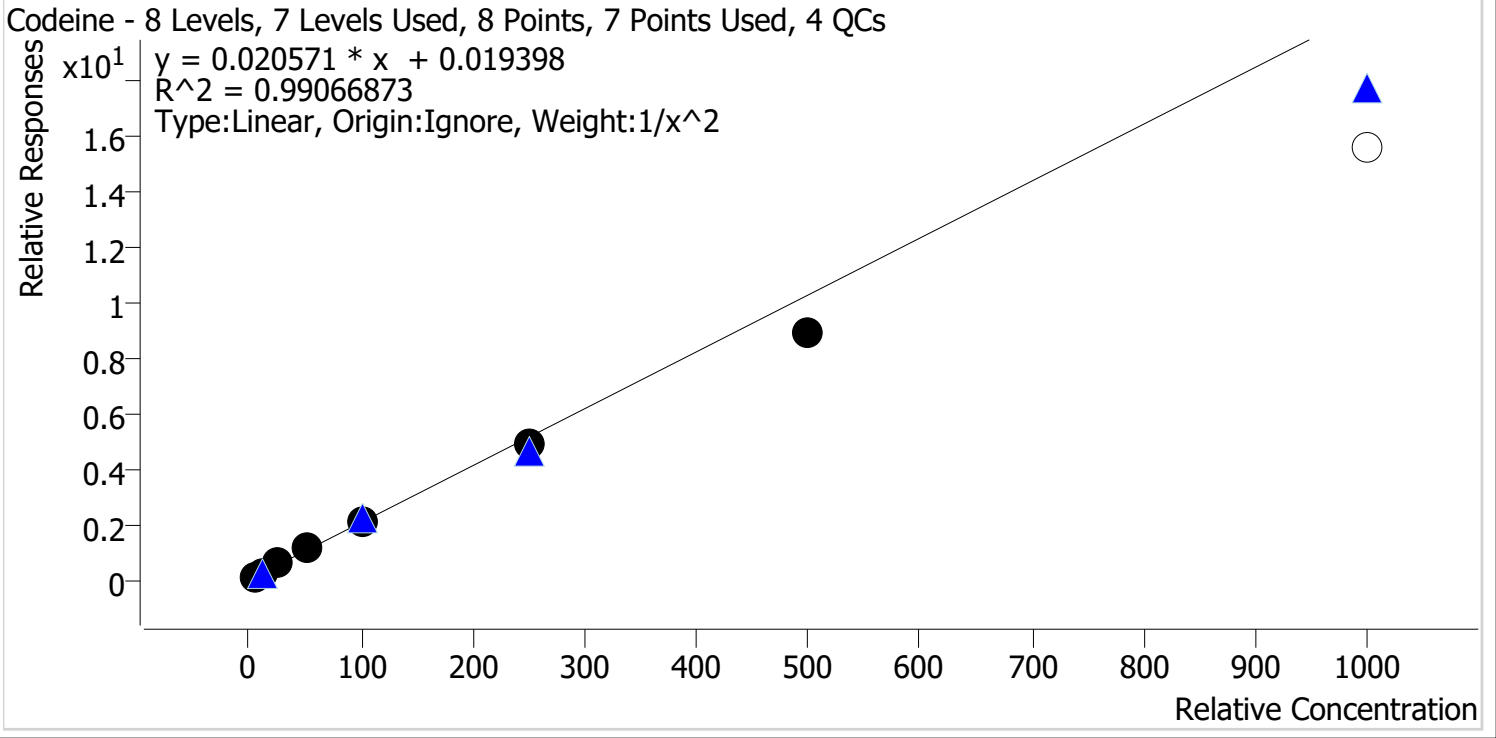


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	497.5	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1017.6	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Codeine Internal Standard Codeine-D6

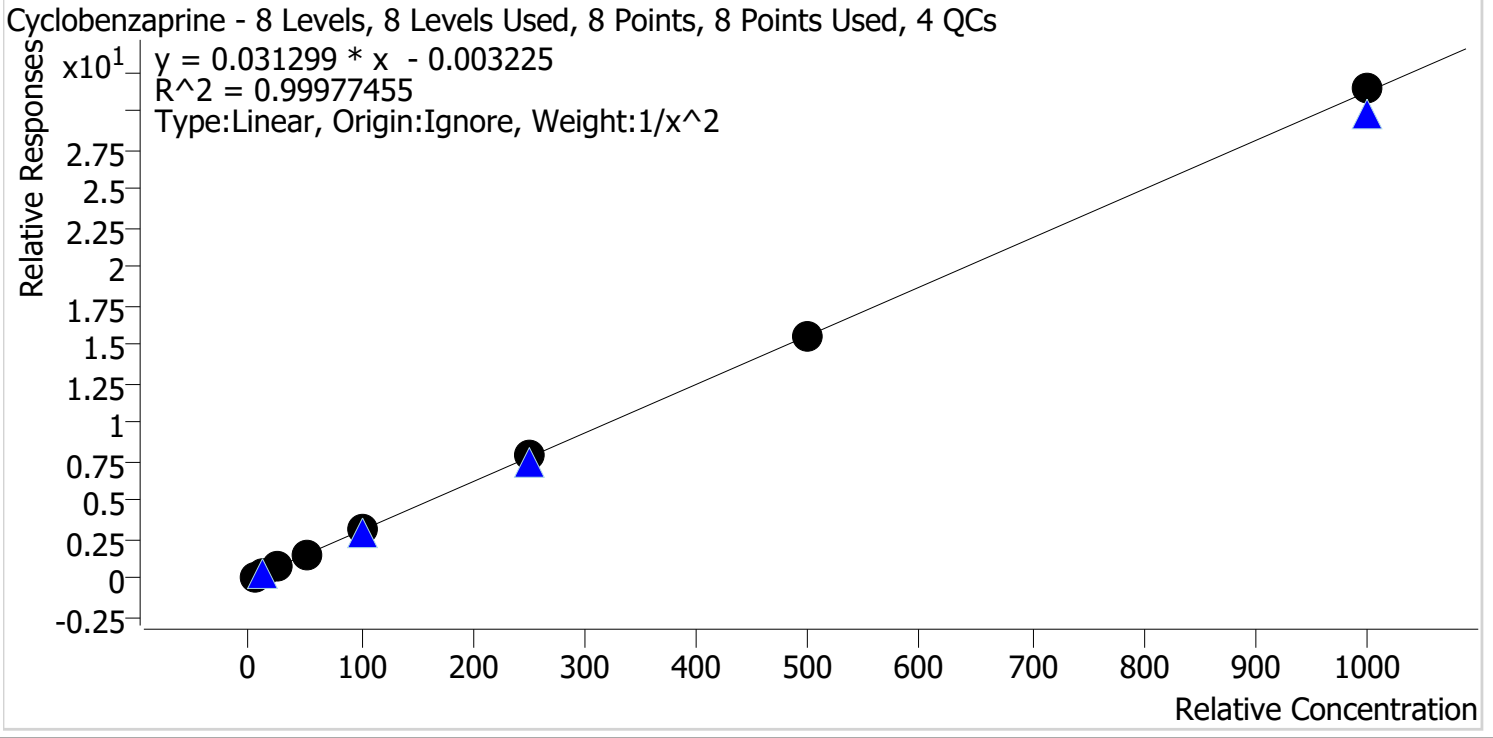


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	238.5	95.4
p1 Cal 7-500ng	7	✓	500.0	430.4	86.1
p1 Cal 8-1000ng	8	✗	1000.0	760.0	76.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
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	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1006.7	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

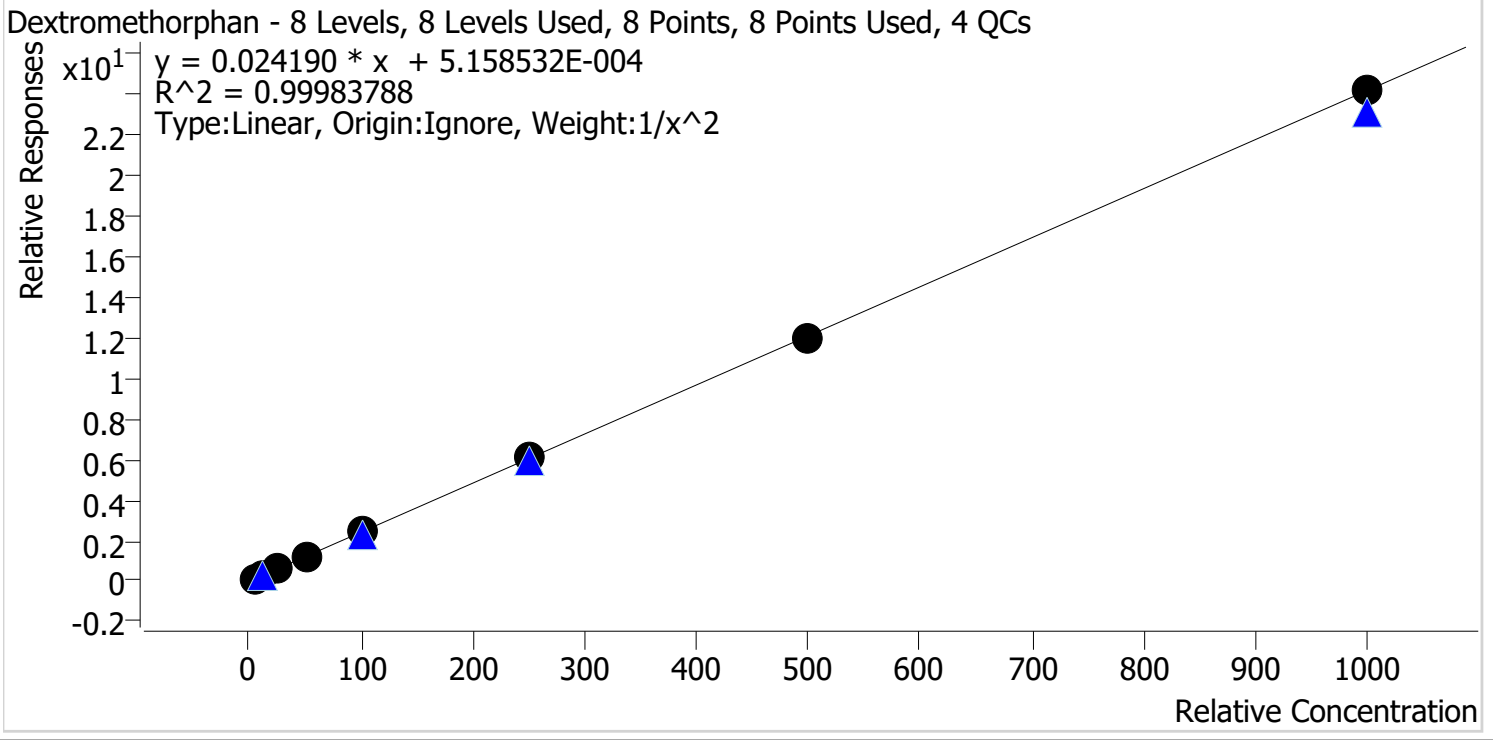
9/10/2024 2:17 PM

ISP\Datastor

Dextromethorphan

Internal Standard

Dextromethorphan-D3

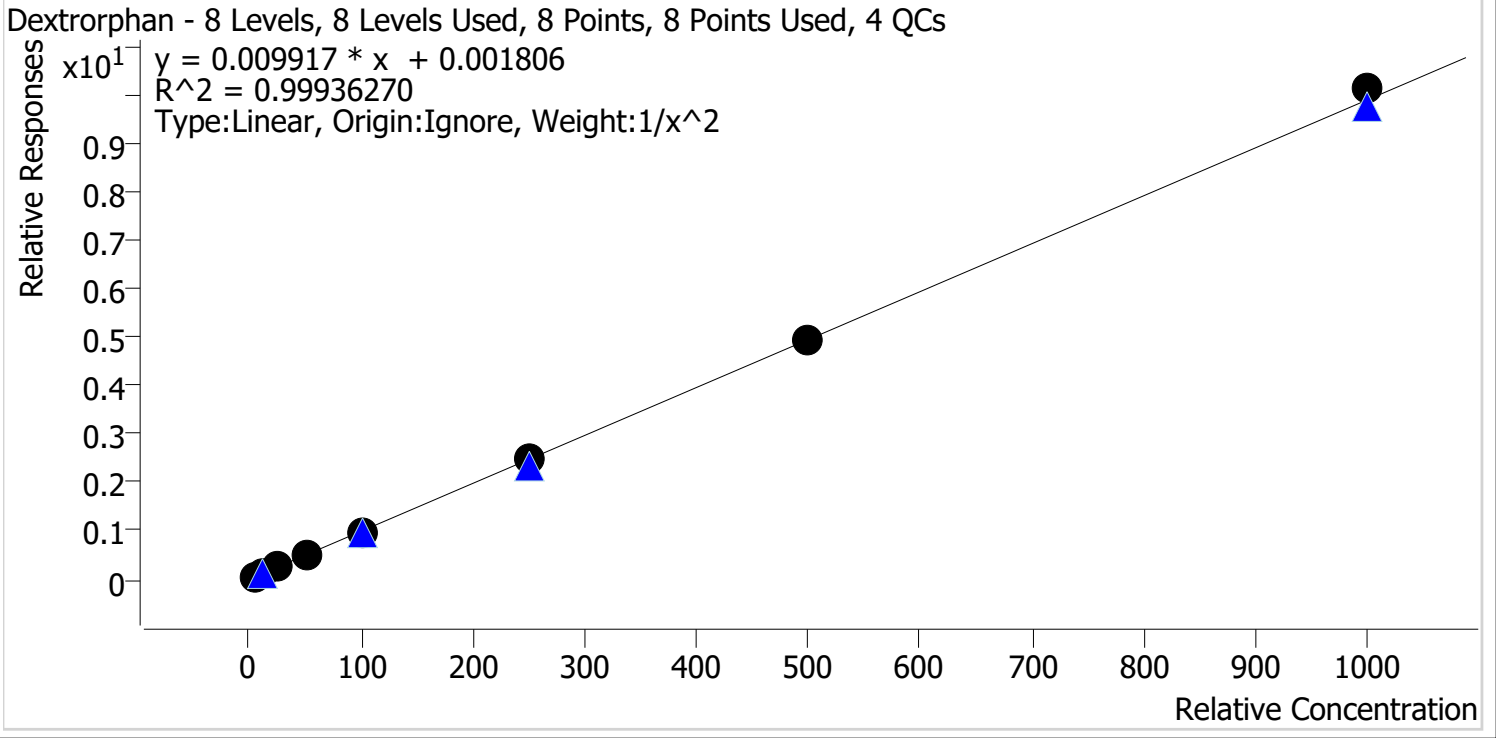


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	999.8	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan Internal Standard Dextrorphan-D3

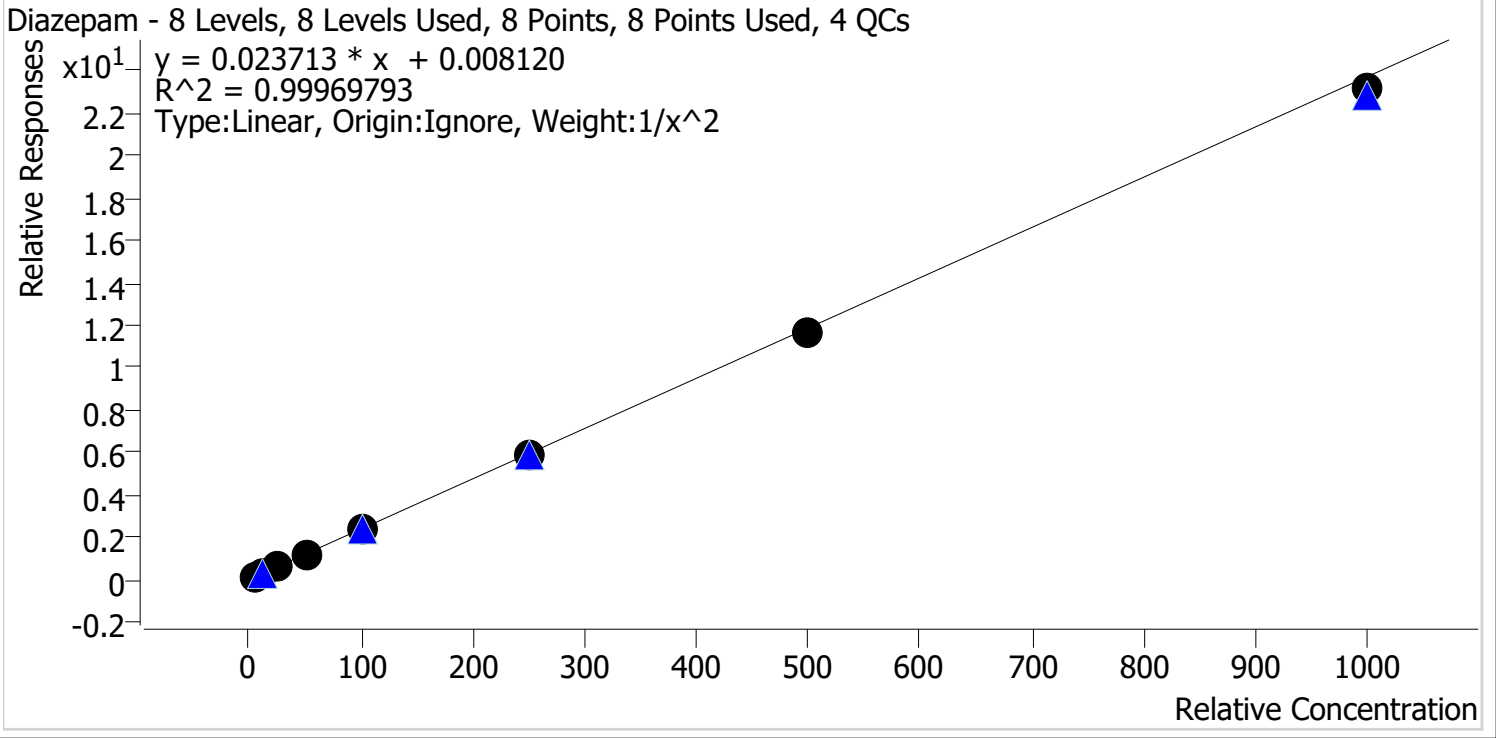


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1023.7	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Diazepam Internal Standard Diazepam-D5

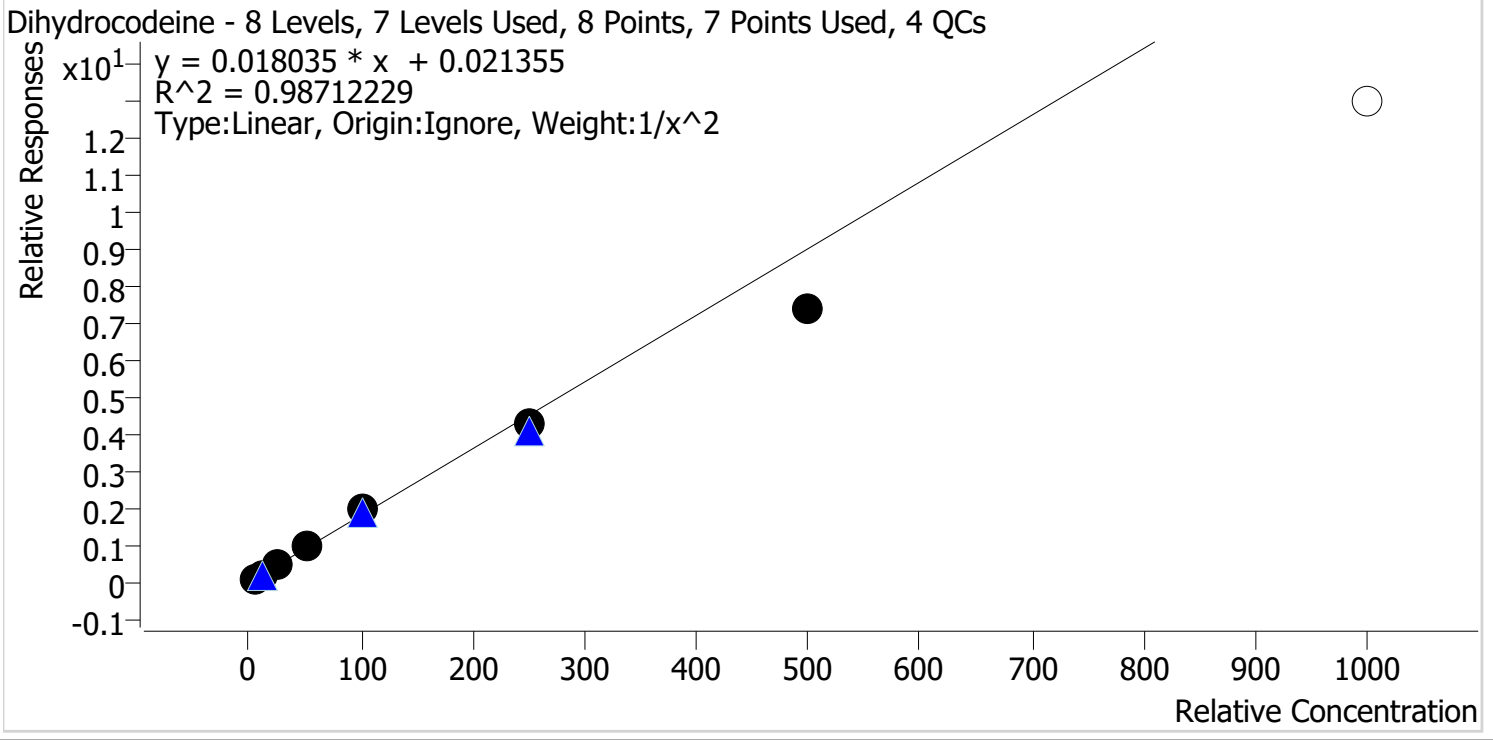


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	976.3	97.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
Analyst Name	ISP\Datastor		
Analyte	Dihydrocodeine	Internal Standard	Dihydrocodeine-D6

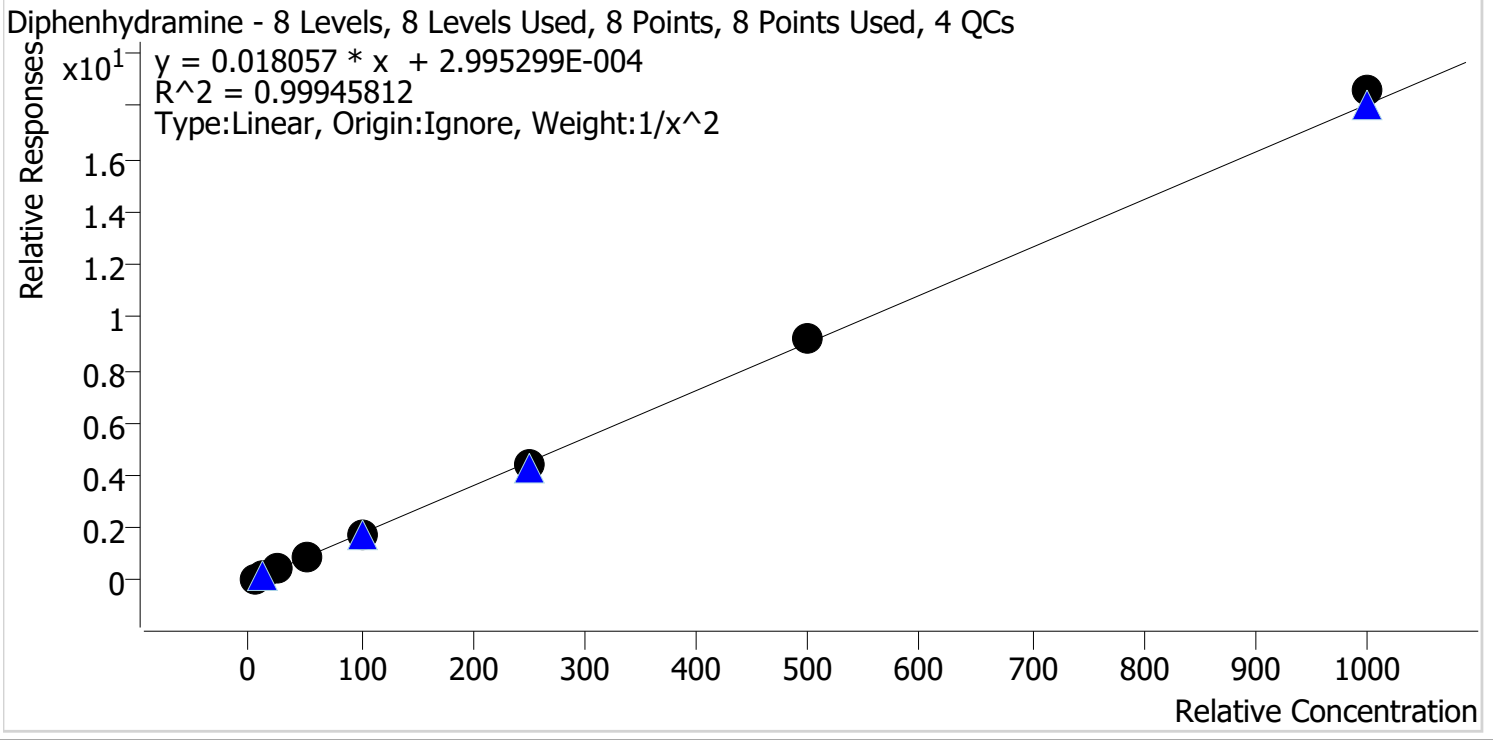


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	237.8	95.1
p1 Cal 7-500ng	7	✓	500.0	411.2	82.2
p1 Cal 8-1000ng	8	✗	1000.0	721.5	72.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
Analyst Name	ISP\Datastor		
Analyte	Diphenhydramine	Internal Standard	Diphenhydramine-D3

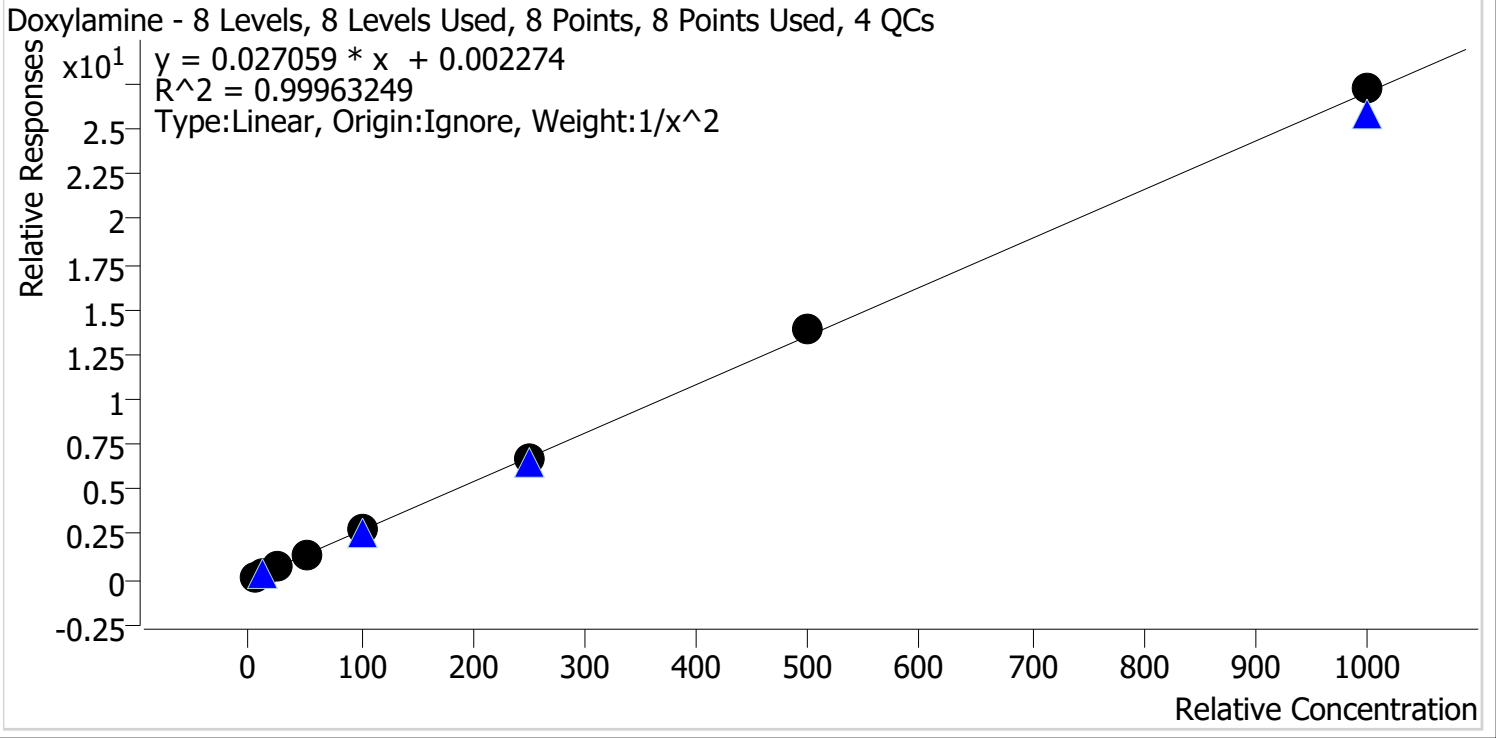


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1029.1	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Doxylamine Internal Standard Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1007.9	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

Last Cal. Update

9/10/2024 2:17 PM

Analyst Name

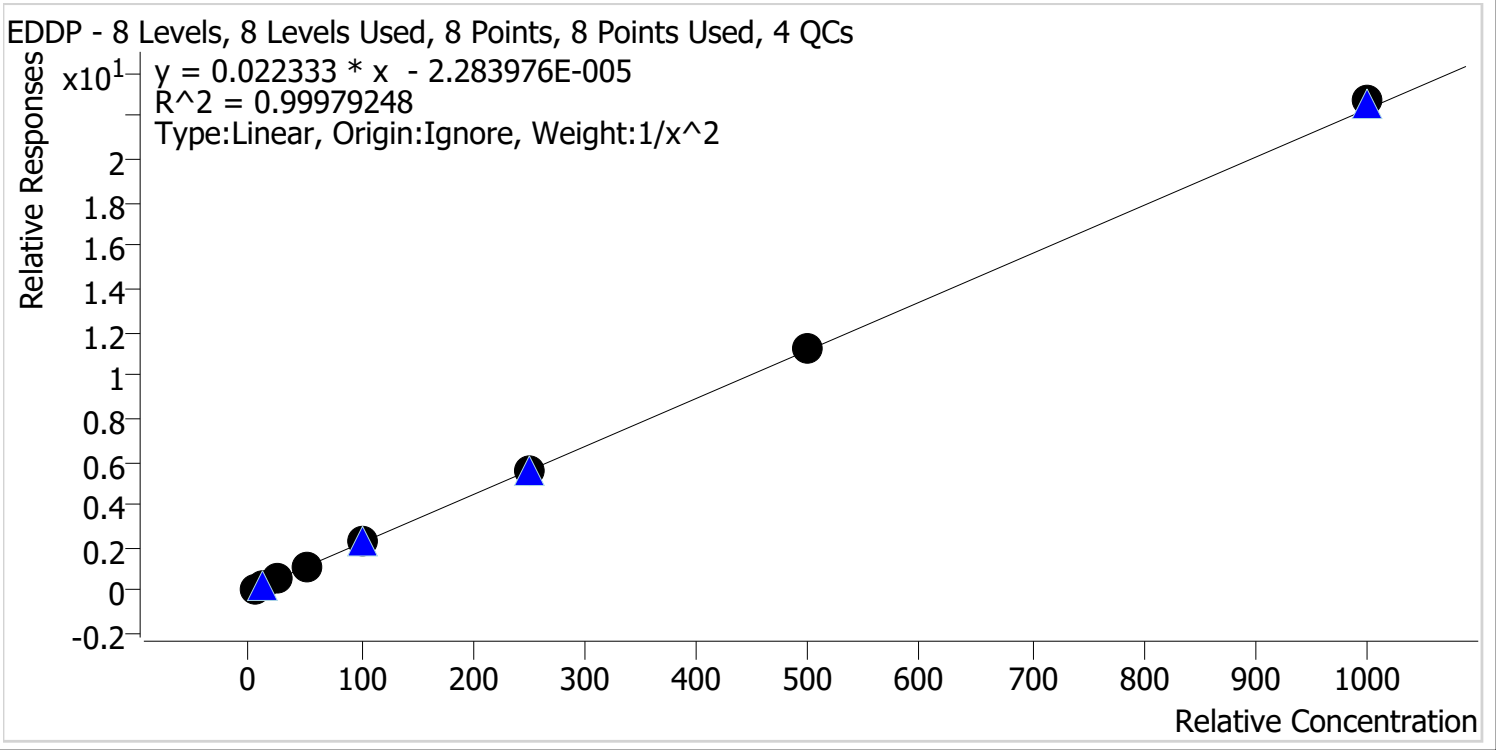
ISP\Datastor

Analyte

EDDP

Internal Standard

EDDP-D3

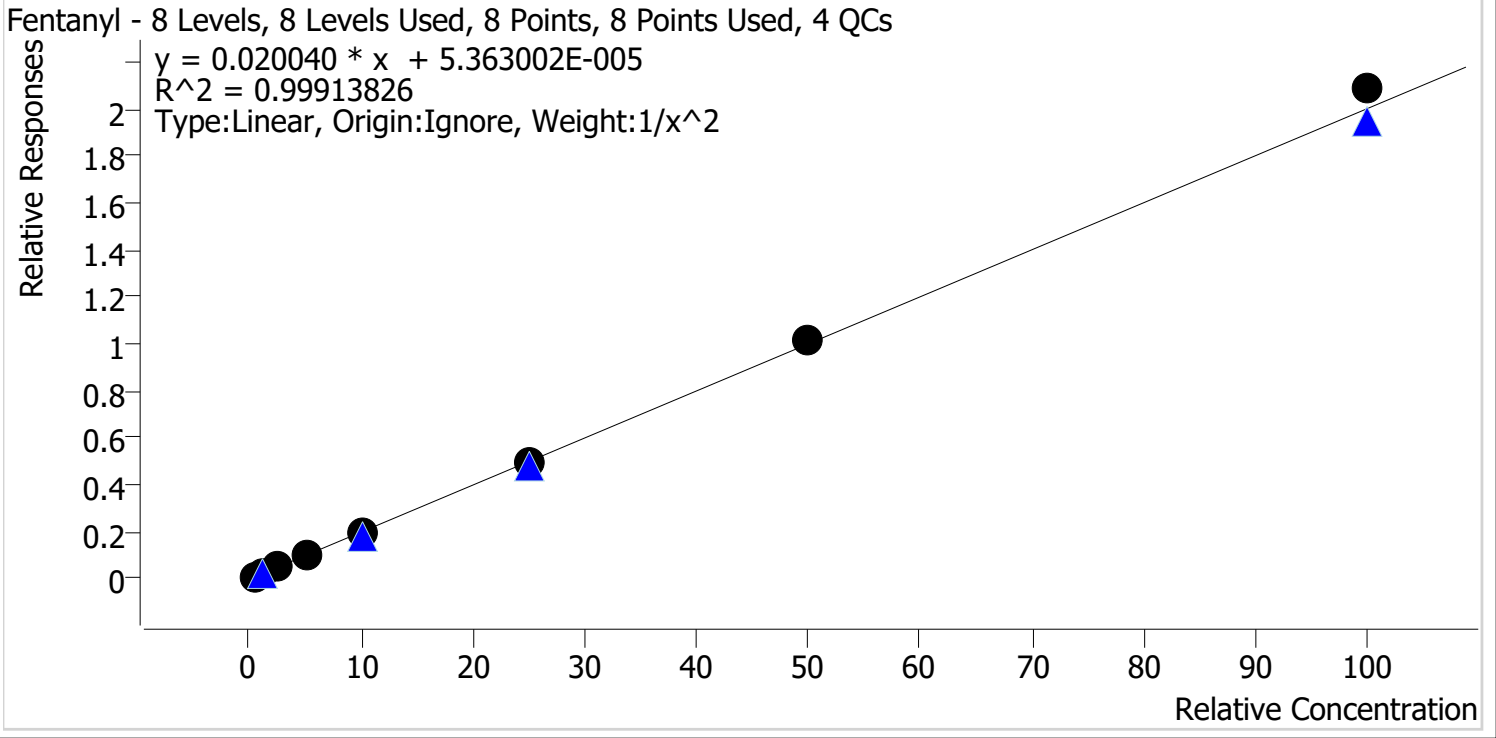


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1017.6	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

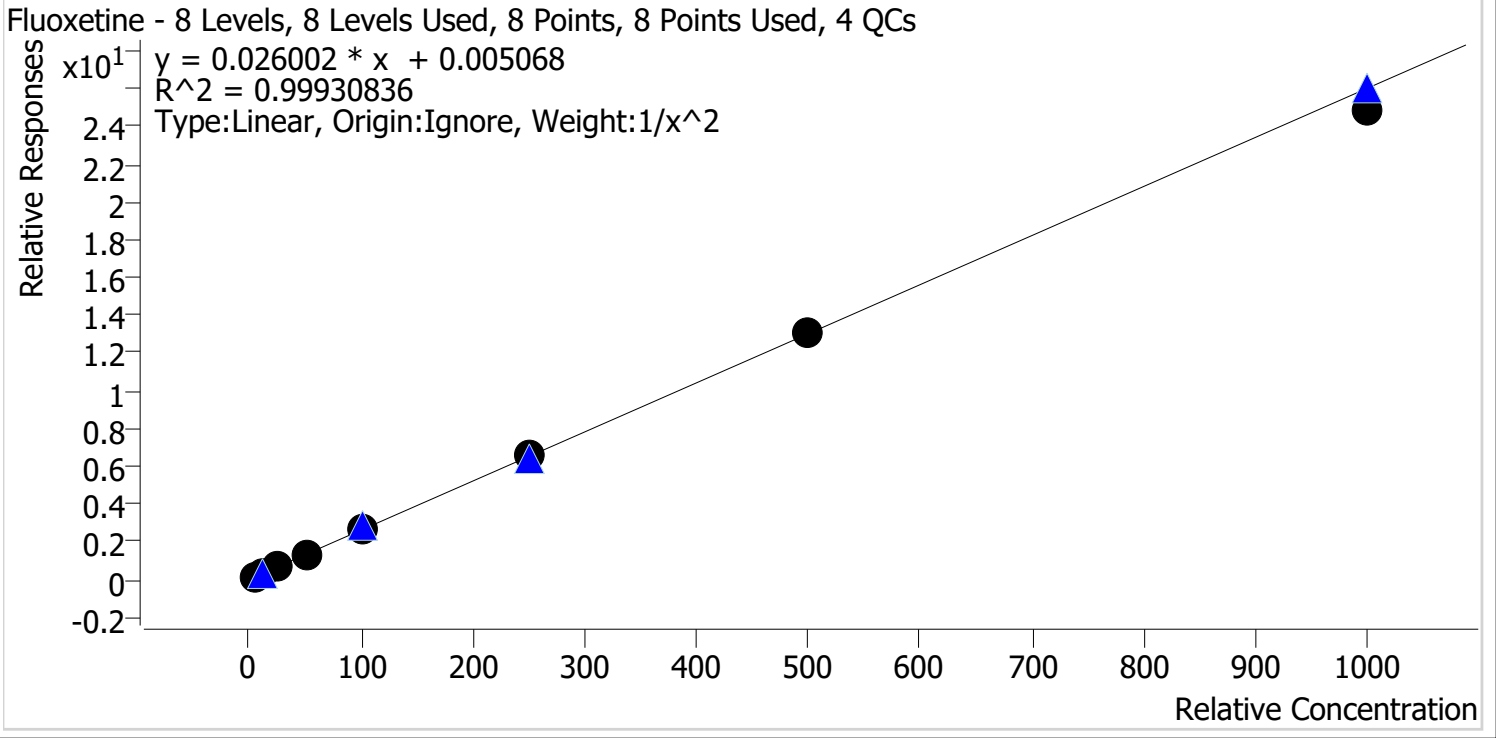


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.5
p1 Cal 4-50ng	4	✓	5.0	4.9	97.8
p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
p1 Cal 6-250ng	6	✓	25.0	25.1	100.2
p1 Cal 7-500ng	7	✓	50.0	51.0	101.9
p1 Cal 8-1000ng	8	✓	100.0	104.3	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine Internal Standard Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	955.1	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

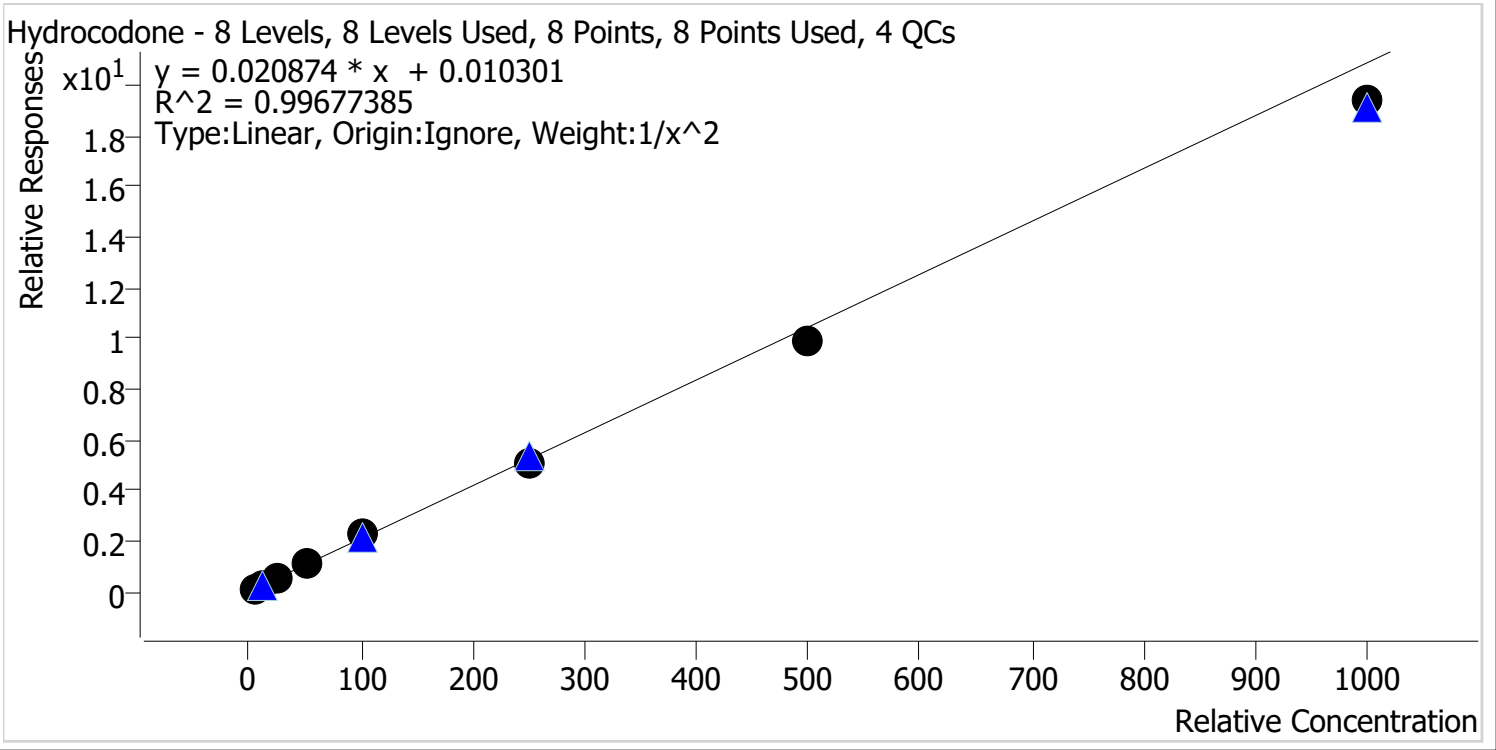
9/10/2024 2:17 PM

ISP\Datastor

Hydrocodone

Internal Standard

Hydrocodone-D6

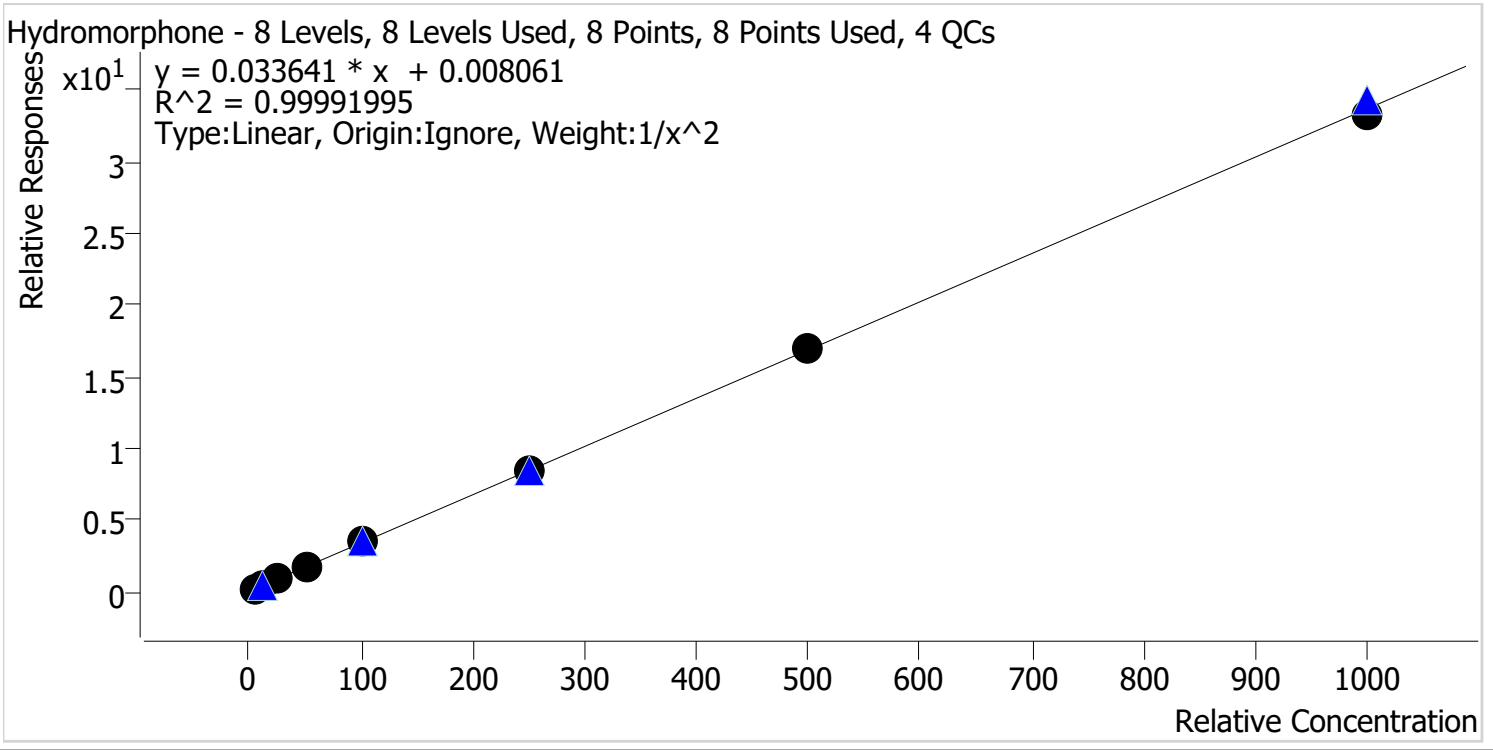


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	475.9	95.2
p1 Cal 8-1000ng	8	✓	1000.0	928.4	92.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
Analyst Name	ISP\Datastor		
Analyte	Hydromorphone	Internal Standard	Hydromorphone-D6

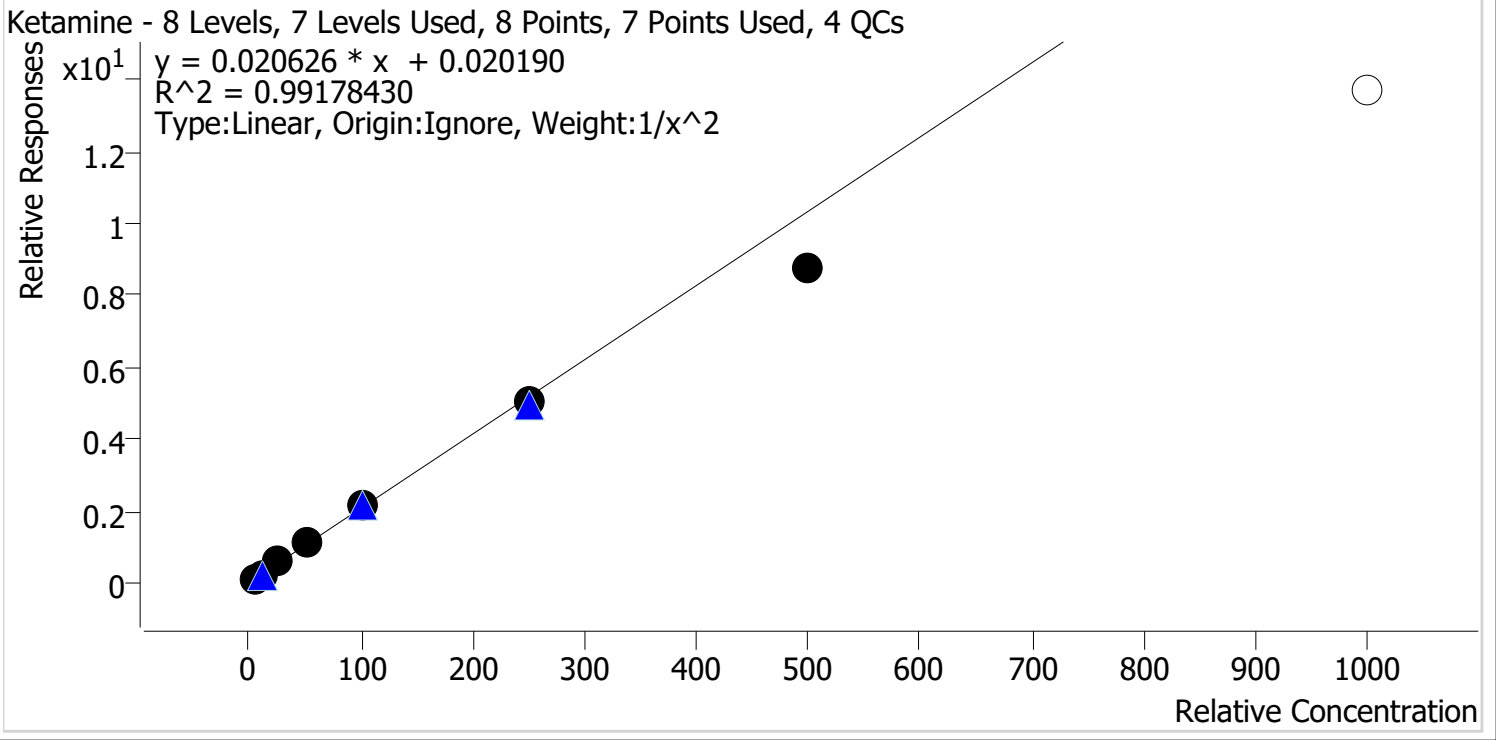


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
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\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	426.1	85.2
p1 Cal 8-1000ng	8	✗	1000.0	662.5	66.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

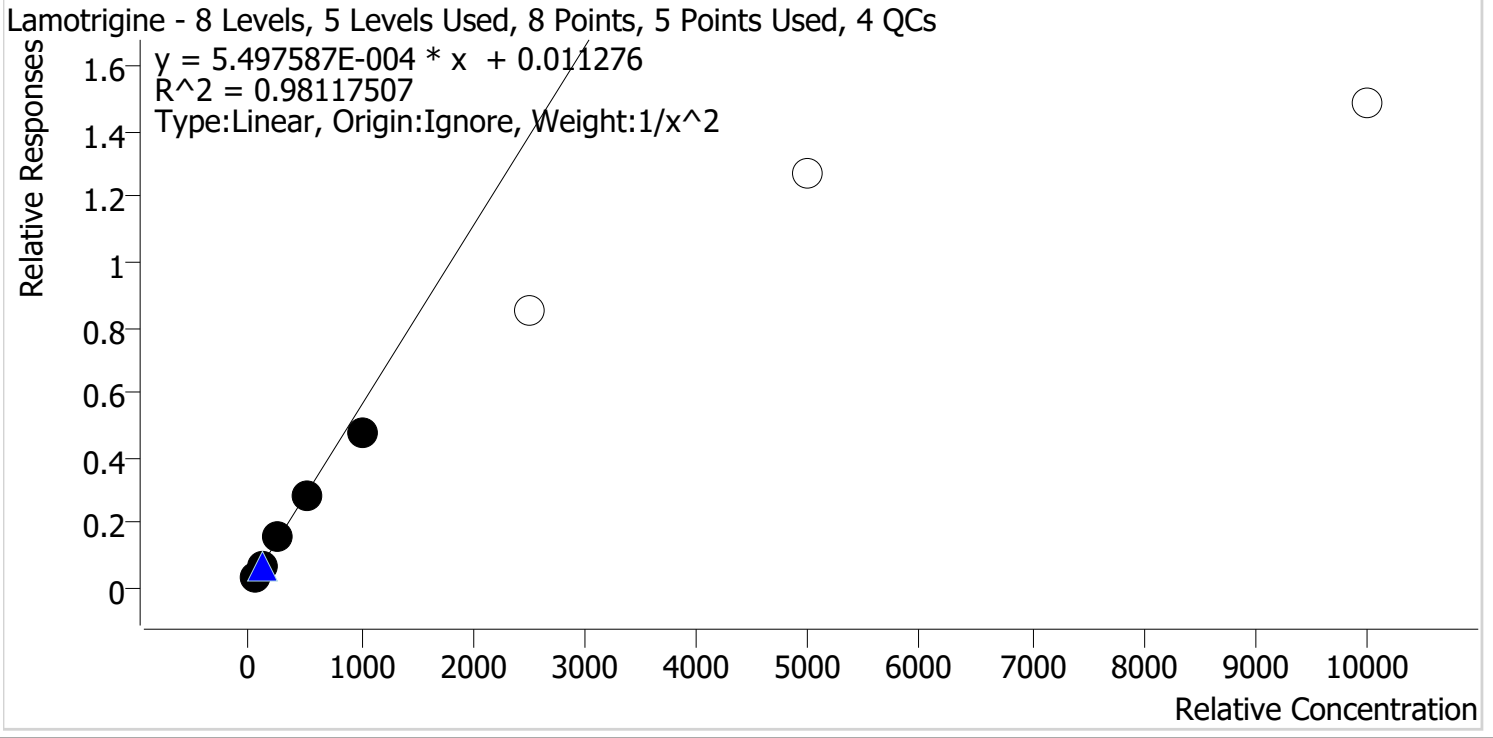
9/10/2024 2:17 PM

ISP\Datastor

Lamotrigine

Internal Standard

Pseudoephedrine-D3

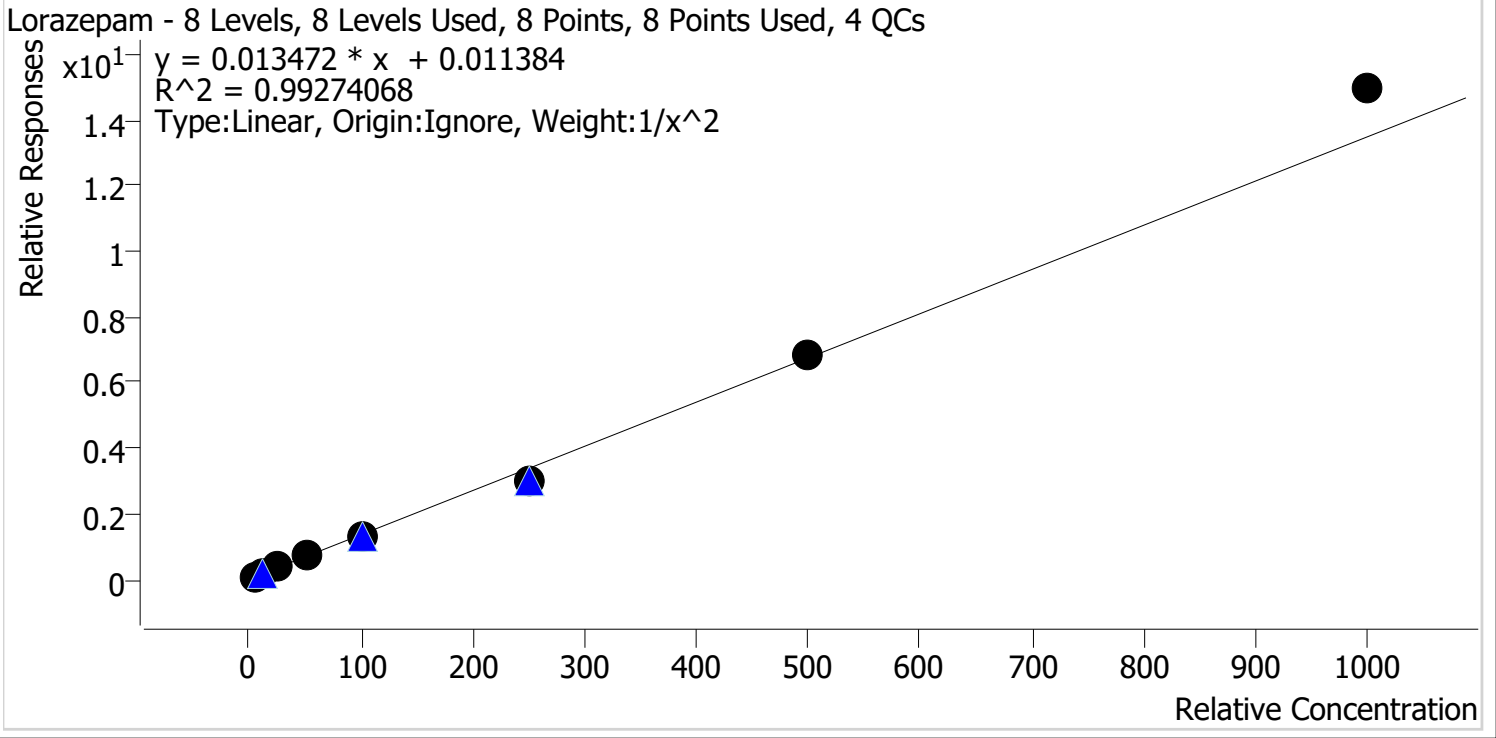


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	50.0	46.7	93.4
p1 Cal 2-10ng	2	✓	100.0	110.5	110.5
p1 Cal 3 -25ng	3	✓	250.0	274.9	110.0
p1 Cal 4-50ng	4	✓	500.0	501.4	100.3
p1 Cal 5-100ng	5	✓	1000.0	857.9	85.8
p1 Cal 6-250ng	6	✗	2500.0	1528.7	61.1
p1 Cal 7-500ng	7	✗	5000.0	2303.8	46.1
p1 Cal 8-1000ng	8	✗	10000.0	2684.2	26.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	10.6	106.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	✓	250.0	218.9	87.6
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1109.3	110.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

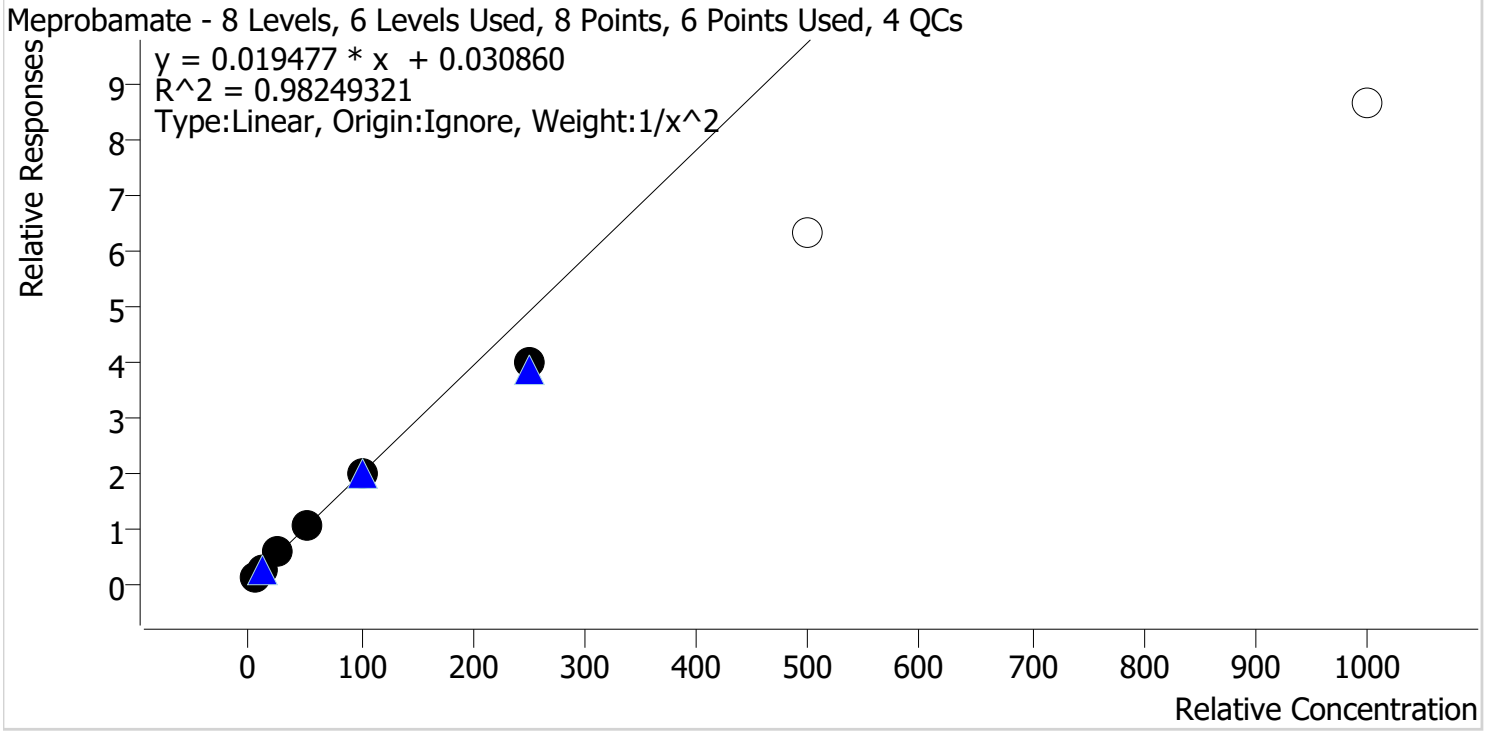
9/10/2024 2:17 PM

ISP\Datastor

Meprobamate

Internal Standard

Meprobamate-D7

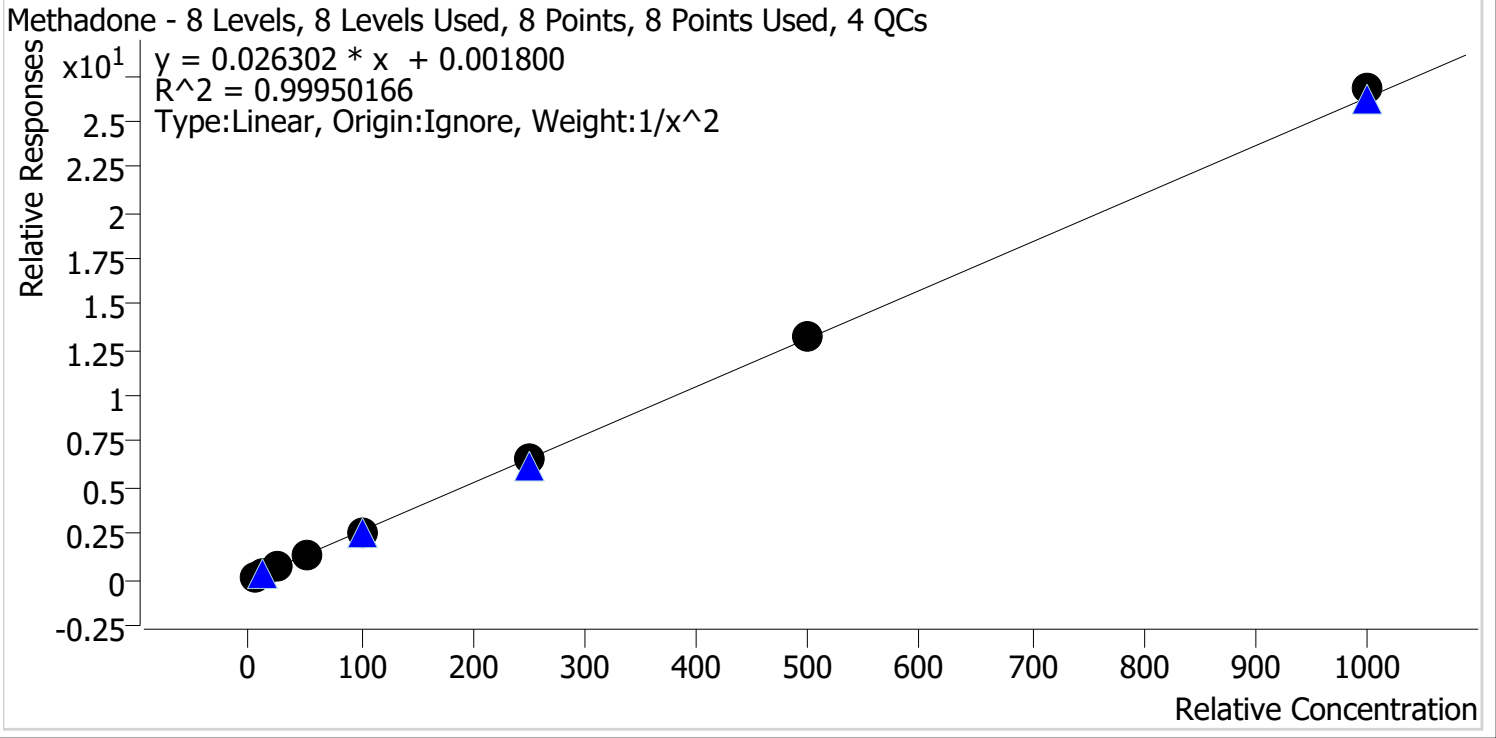


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.1
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	203.7	81.5
p1 Cal 7-500ng	7	✗	500.0	323.7	64.7
p1 Cal 8-1000ng	8	✗	1000.0	444.6	44.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	506.0	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1018.7	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

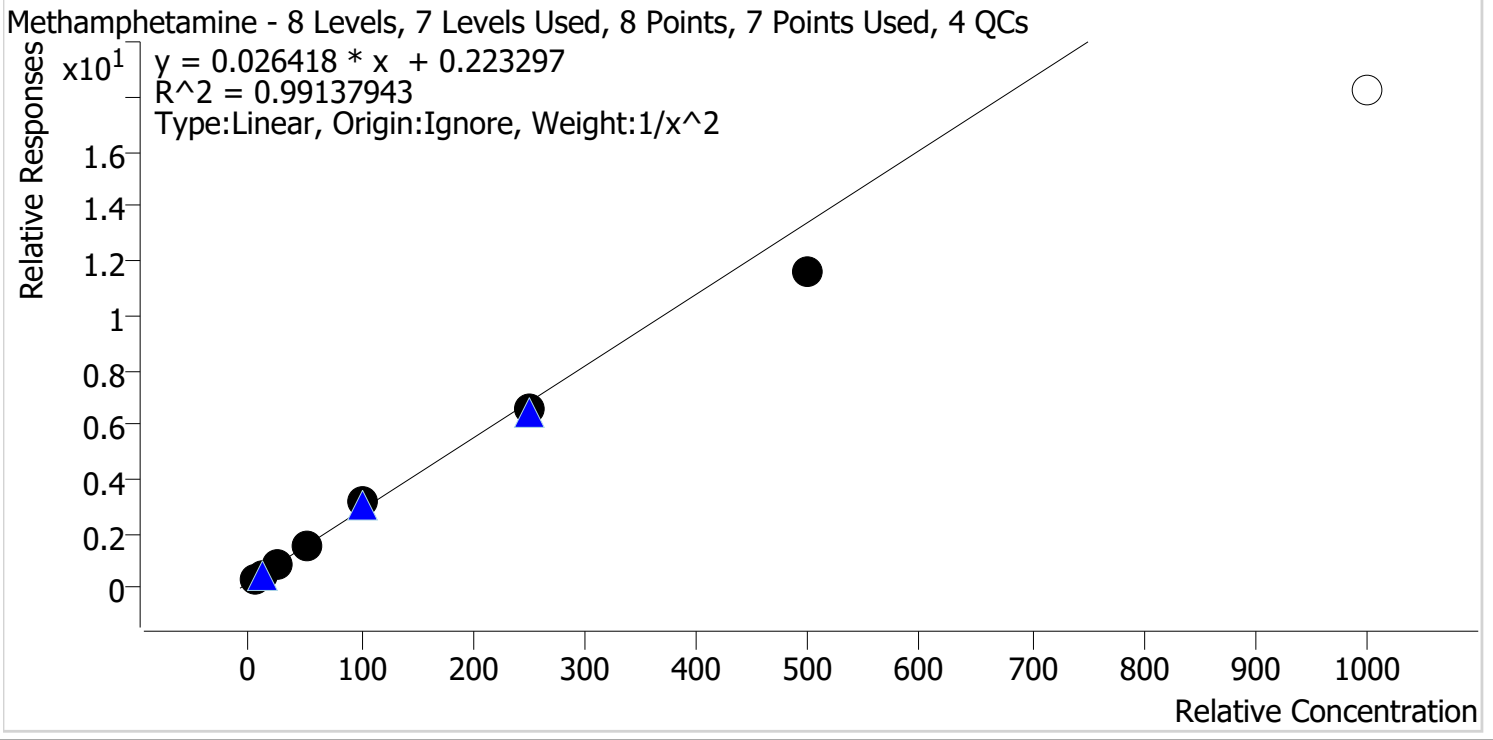
9/10/2024 2:17 PM

ISP\Datastor

Methamphetamine

Internal Standard

Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	109.8	109.8
p1 Cal 6-250ng	6	✓	250.0	238.6	95.4
p1 Cal 7-500ng	7	✓	500.0	431.0	86.2
p1 Cal 8-1000ng	8	✗	1000.0	682.1	68.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

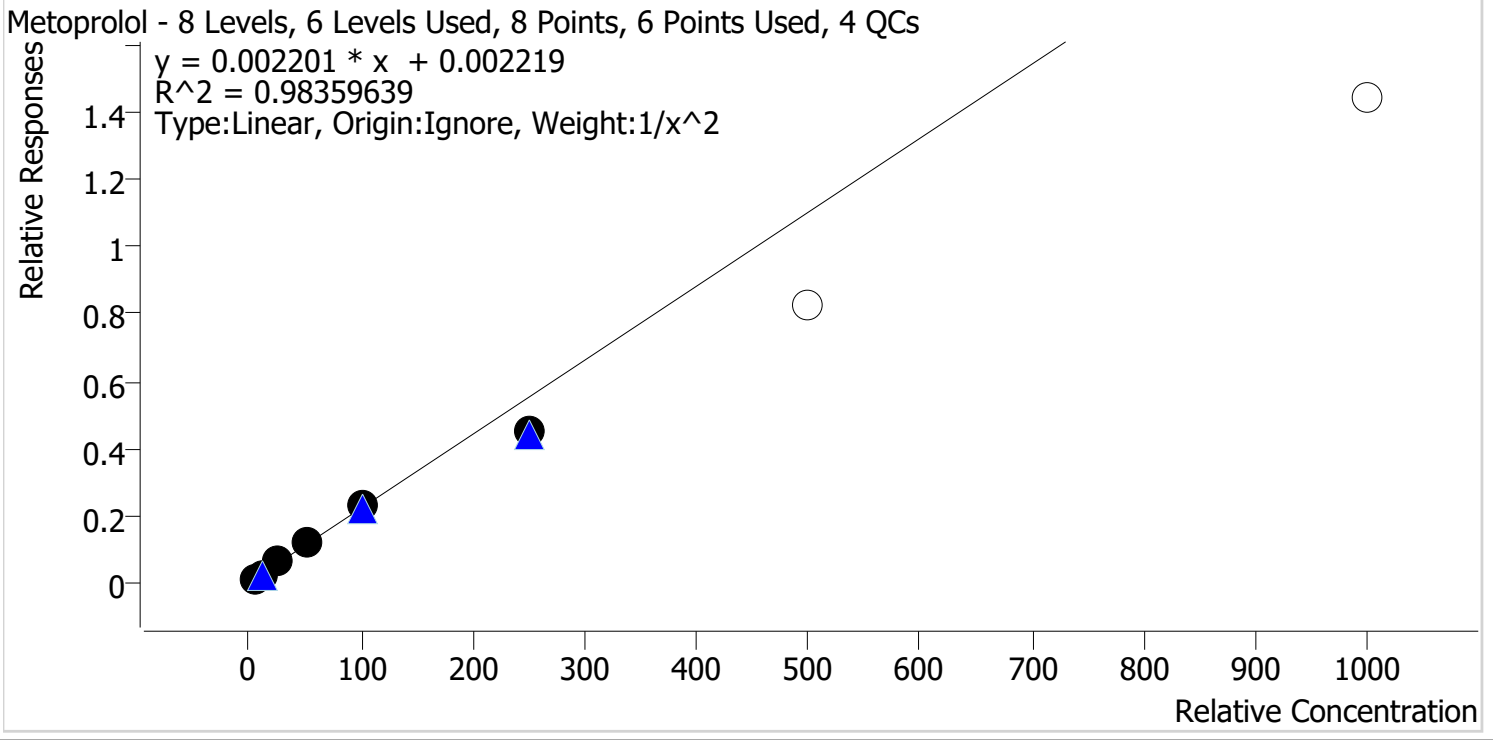
9/10/2024 2:17 PM

ISP\Datastor

Metoprolol

Internal Standard

Tramadol-13C-D3

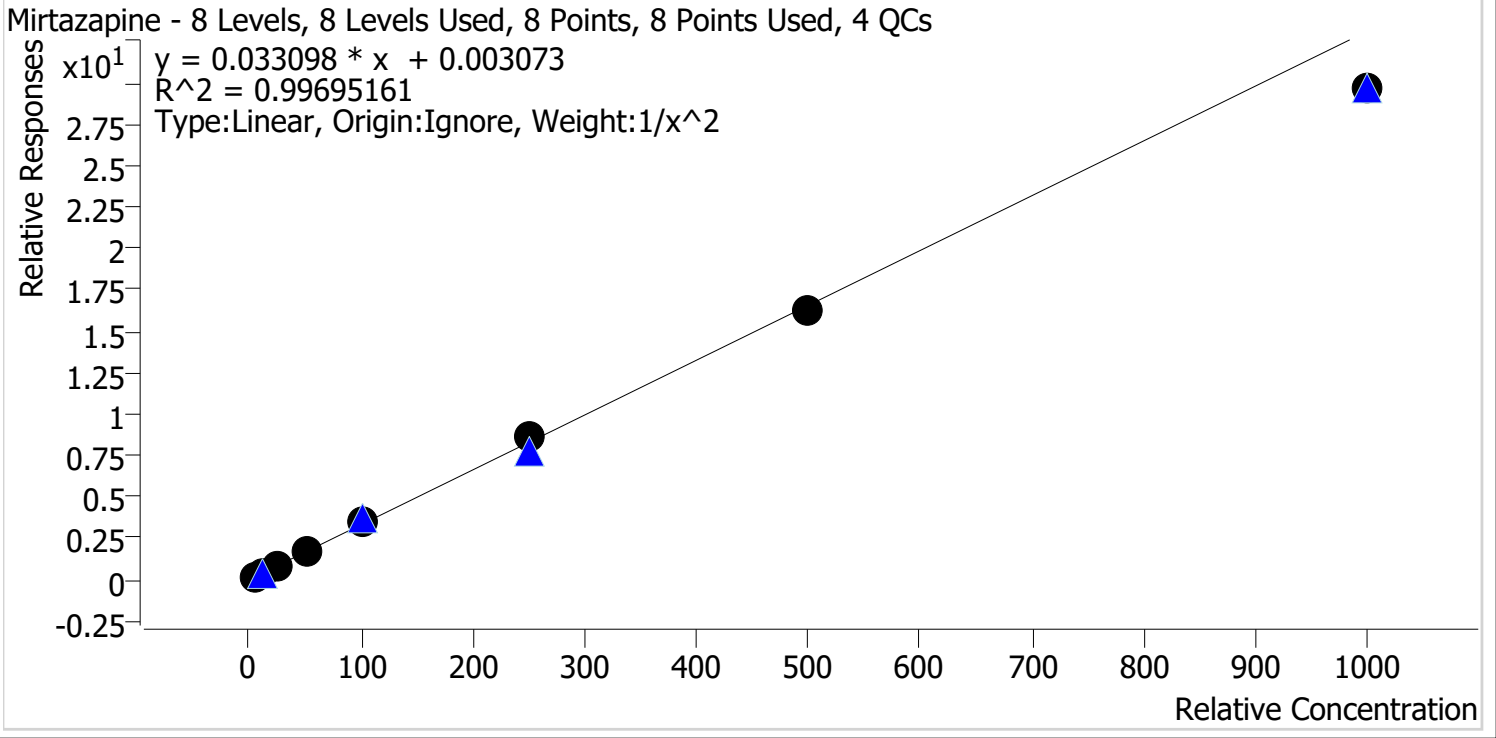


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.8	108.4
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	204.4	81.8
p1 Cal 7-500ng	7	✗	500.0	373.1	74.6
p1 Cal 8-1000ng	8	✗	1000.0	655.8	65.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine Internal Standard alpha-PVP-D8

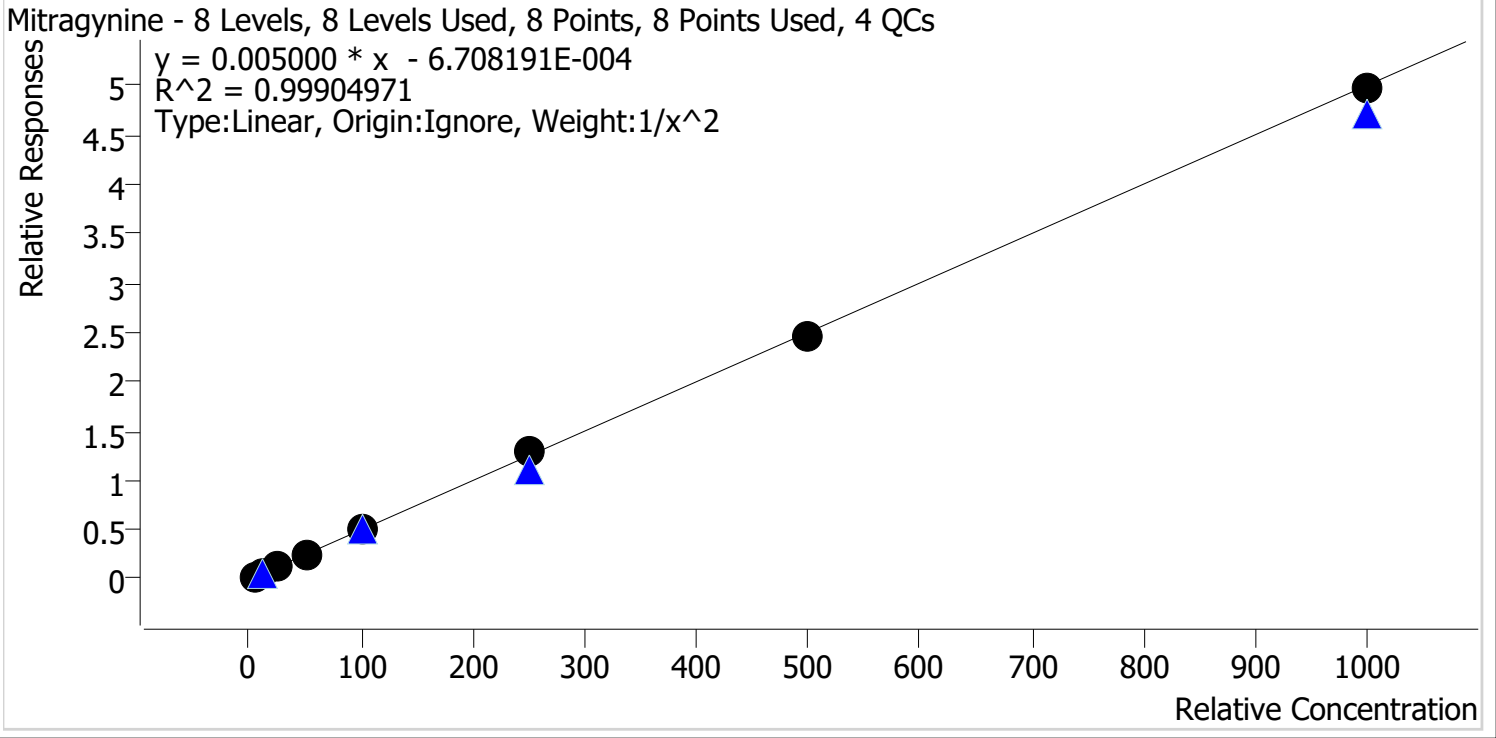


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	895.4	89.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Mitragynine Internal Standard Methadone-D9

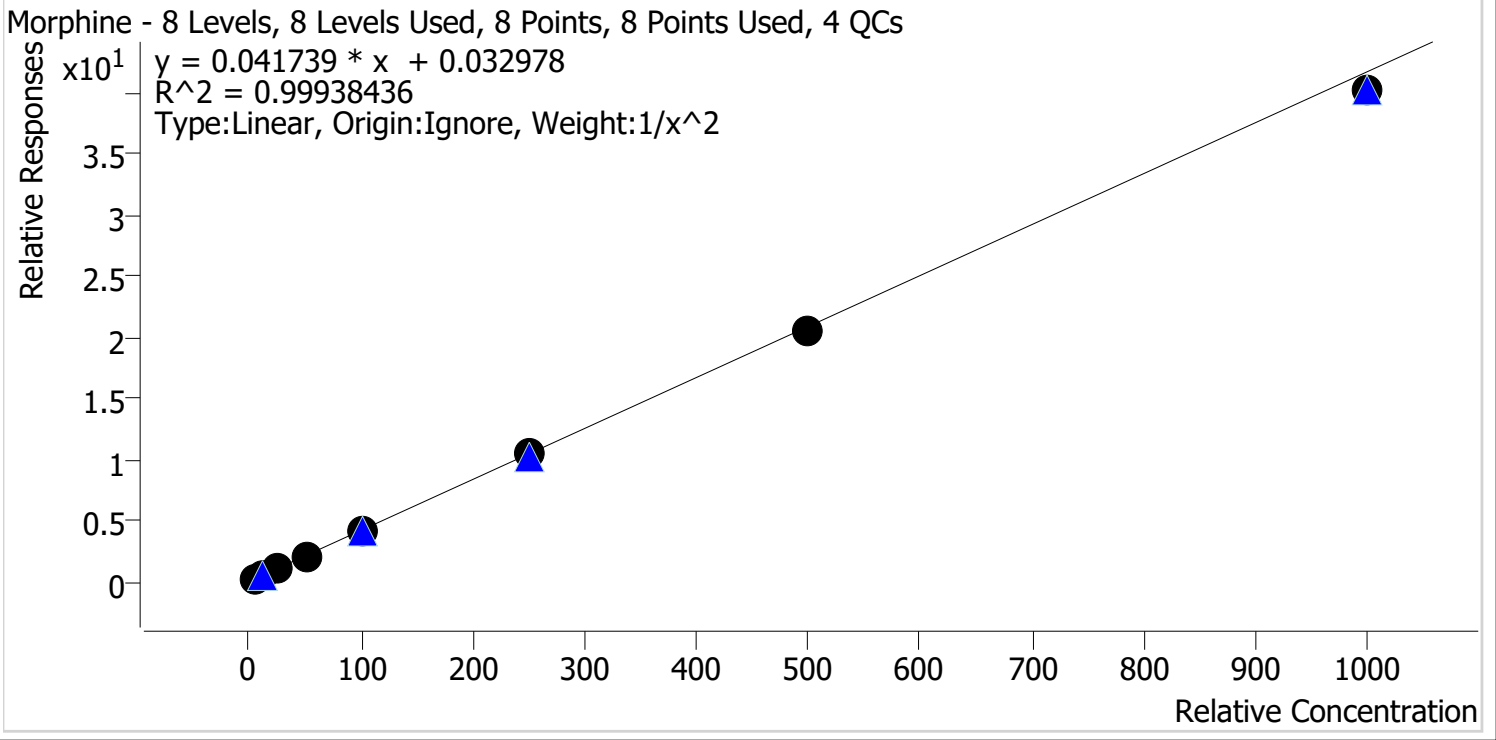


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	993.4	99.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Morphine Internal Standard Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	489.6	97.9
p1 Cal 8-1000ng	8	✓	1000.0	963.0	96.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

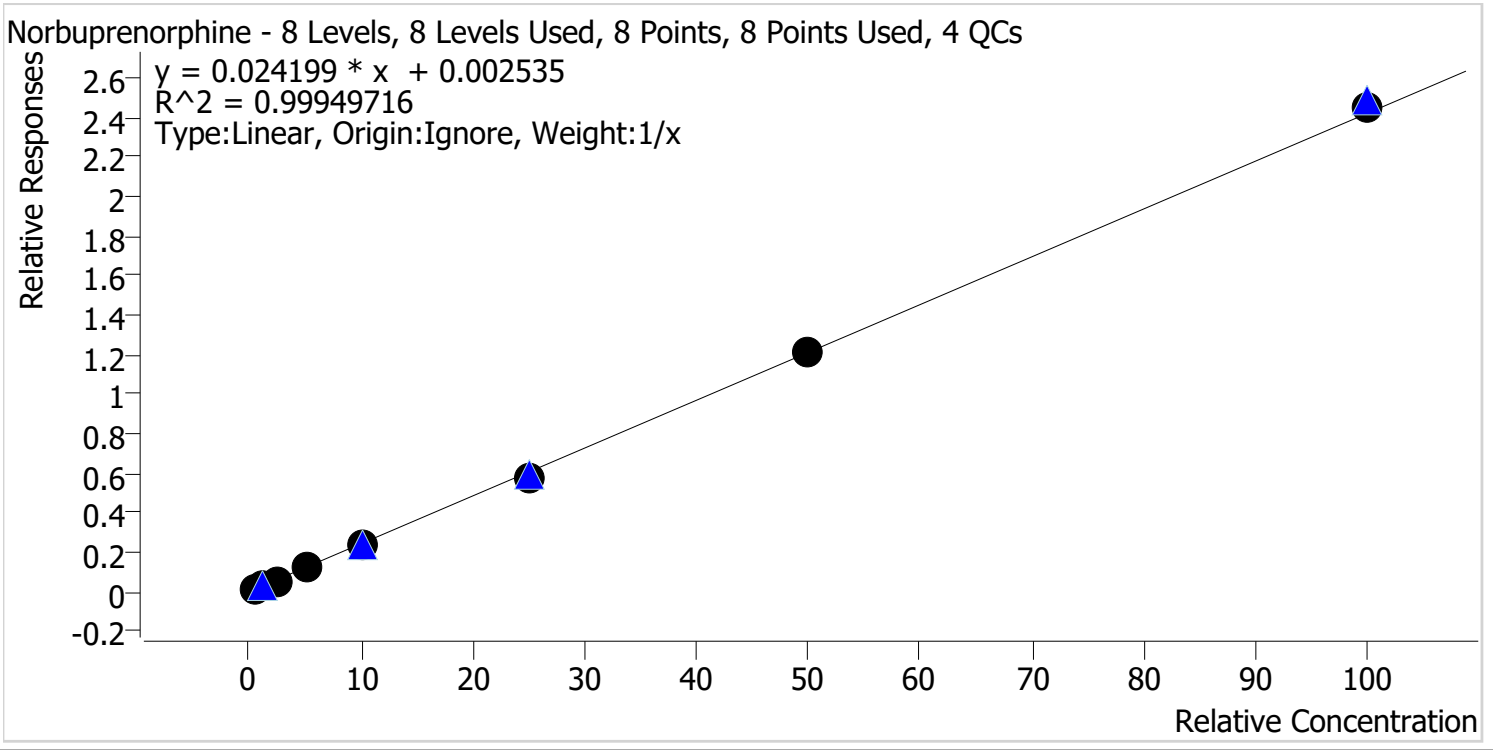
9/10/2024 2:17 PM

ISP\Datastor

Norbuprenorphine

Internal Standard

Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	114.8
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.5
p1 Cal 4-50ng	4	✓	5.0	5.0	100.4
p1 Cal 5-100ng	5	✓	10.0	9.9	99.4
p1 Cal 6-250ng	6	✓	25.0	23.9	95.6
p1 Cal 7-500ng	7	✓	50.0	50.1	100.3
p1 Cal 8-1000ng	8	✓	100.0	101.1	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

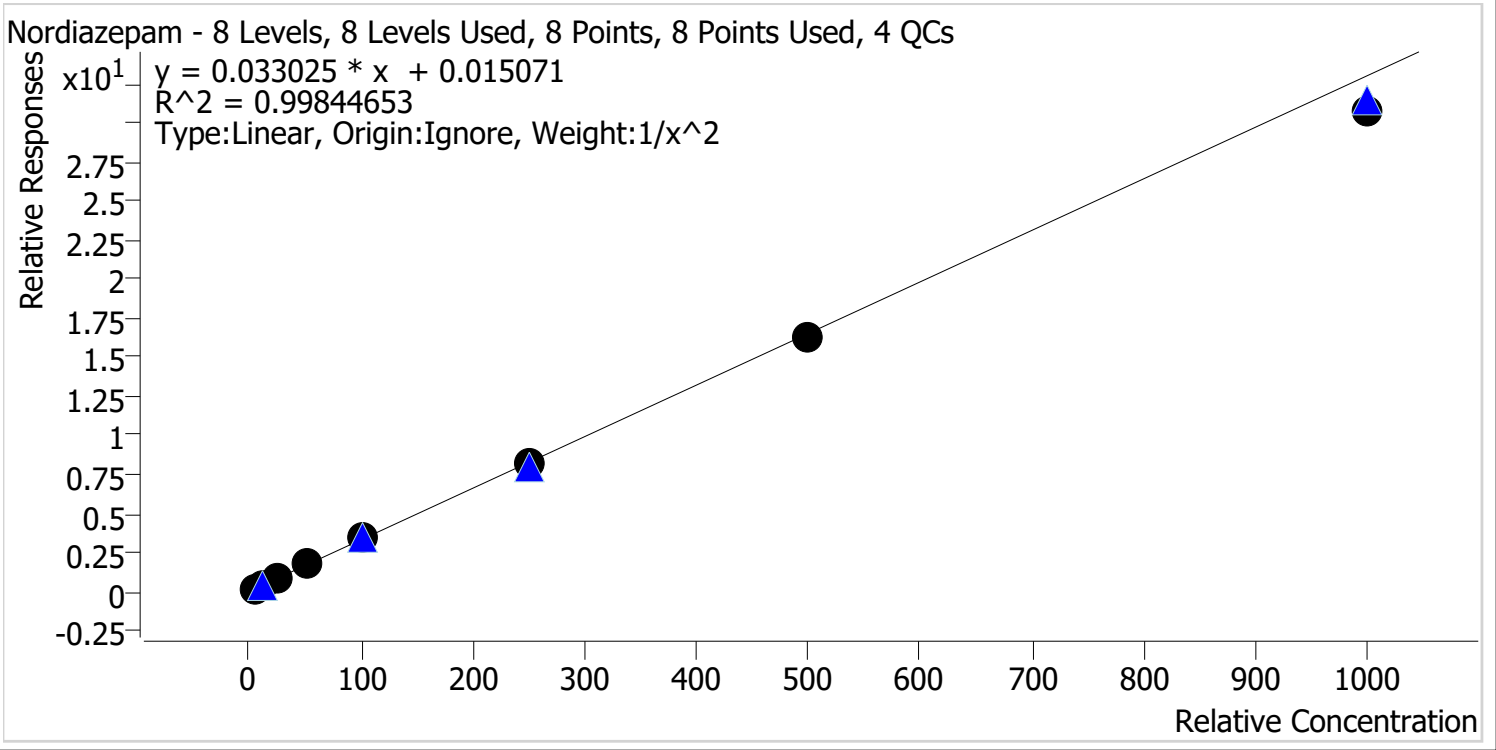
9/10/2024 2:17 PM

ISP\Datastor

Nordiazepam

Internal Standard

Nordiazepam-D5

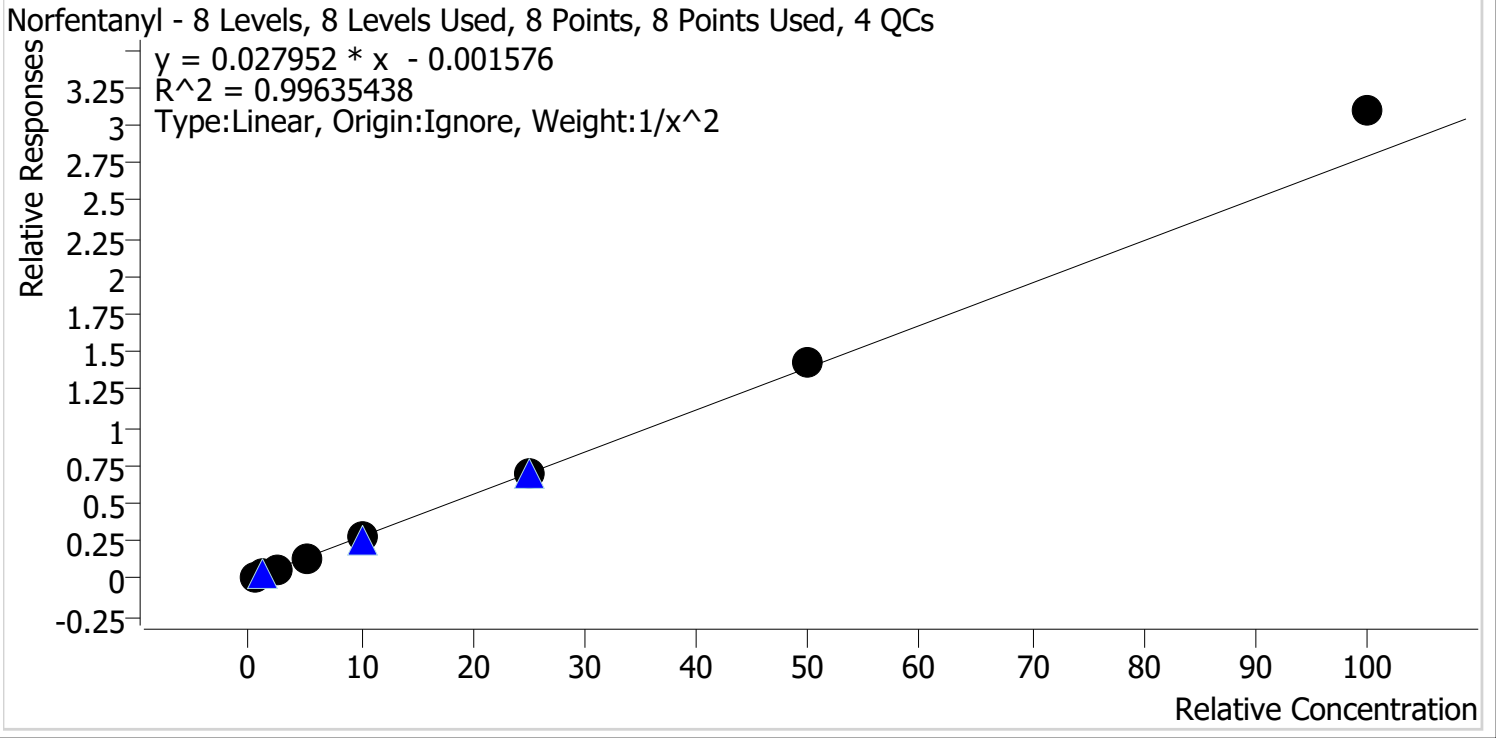


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	928.8	92.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	102.9
p1 Cal 2-10ng	2	✓	1.0	1.0	97.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng	4	✓	5.0	4.8	95.2
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	24.7	98.9
p1 Cal 7-500ng	7	✓	50.0	51.2	102.5
p1 Cal 8-1000ng	8	✓	100.0	110.8	110.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

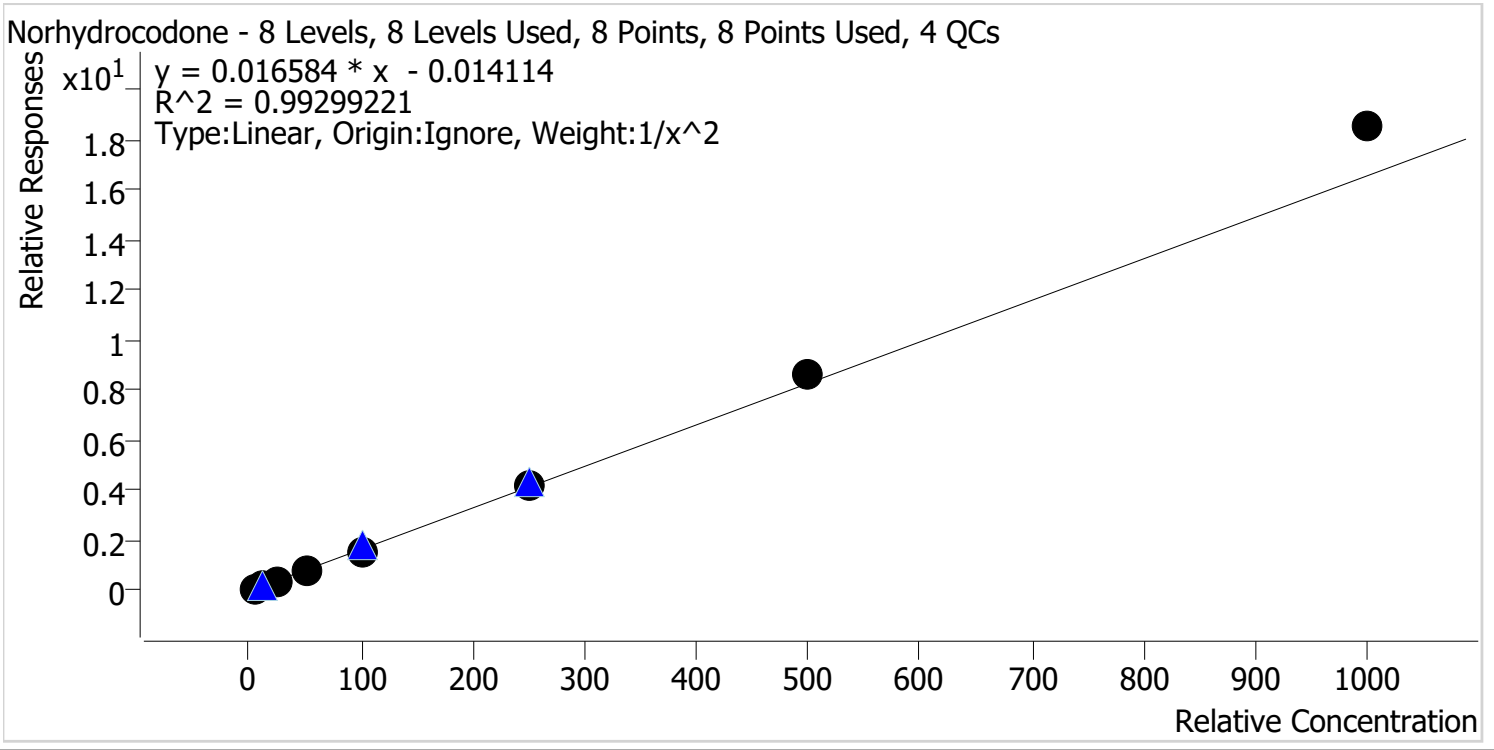
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ISP\Datastor

Norhydrocodone

Internal Standard

Norhydrocodone-D3

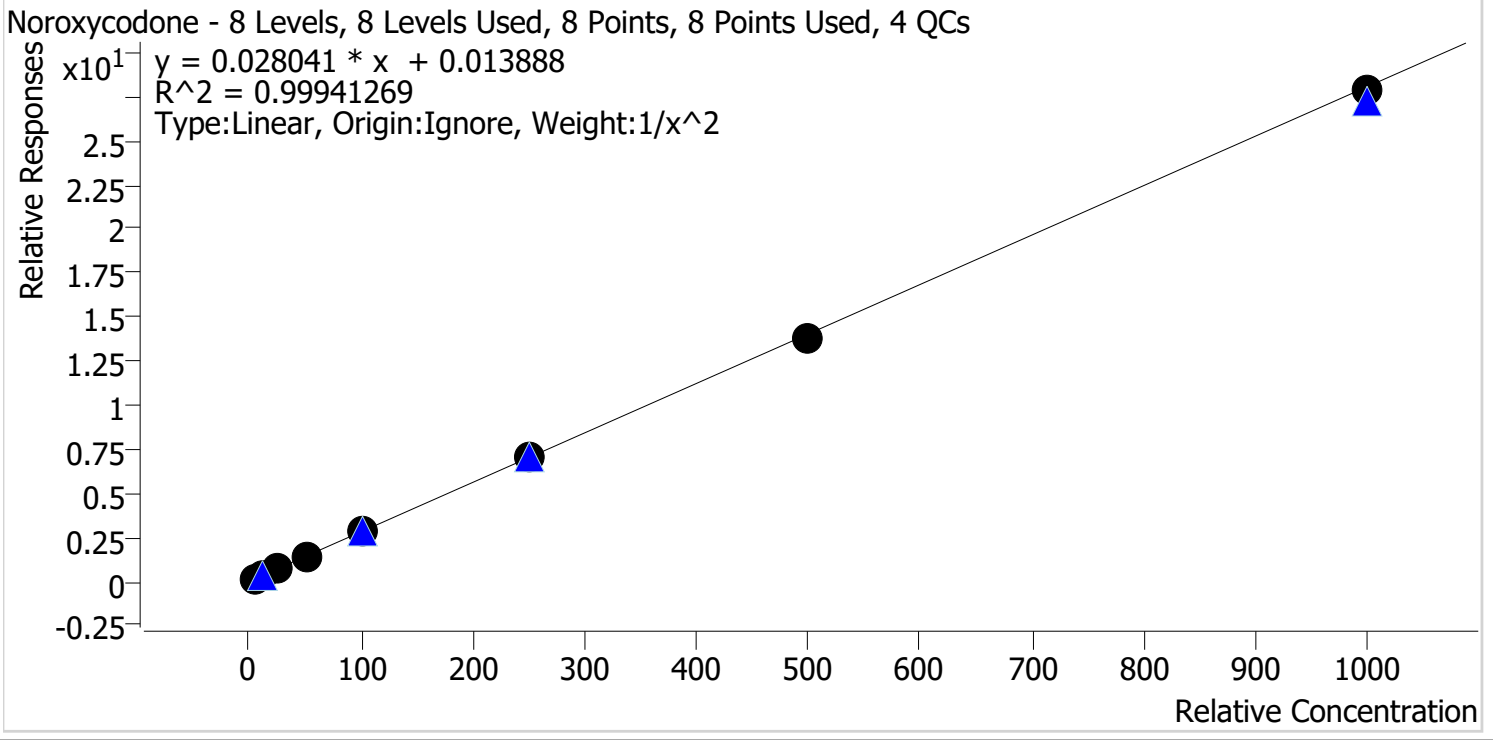


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.9
p1 Cal 4-50ng	4	✓	50.0	45.9	91.9
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	526.1	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1119.8	112.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin		
Last Cal. Update	9/10/2024 2:17 PM		
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	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	489.8	98.0
p1 Cal 8-1000ng	8	✓	1000.0	992.2	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

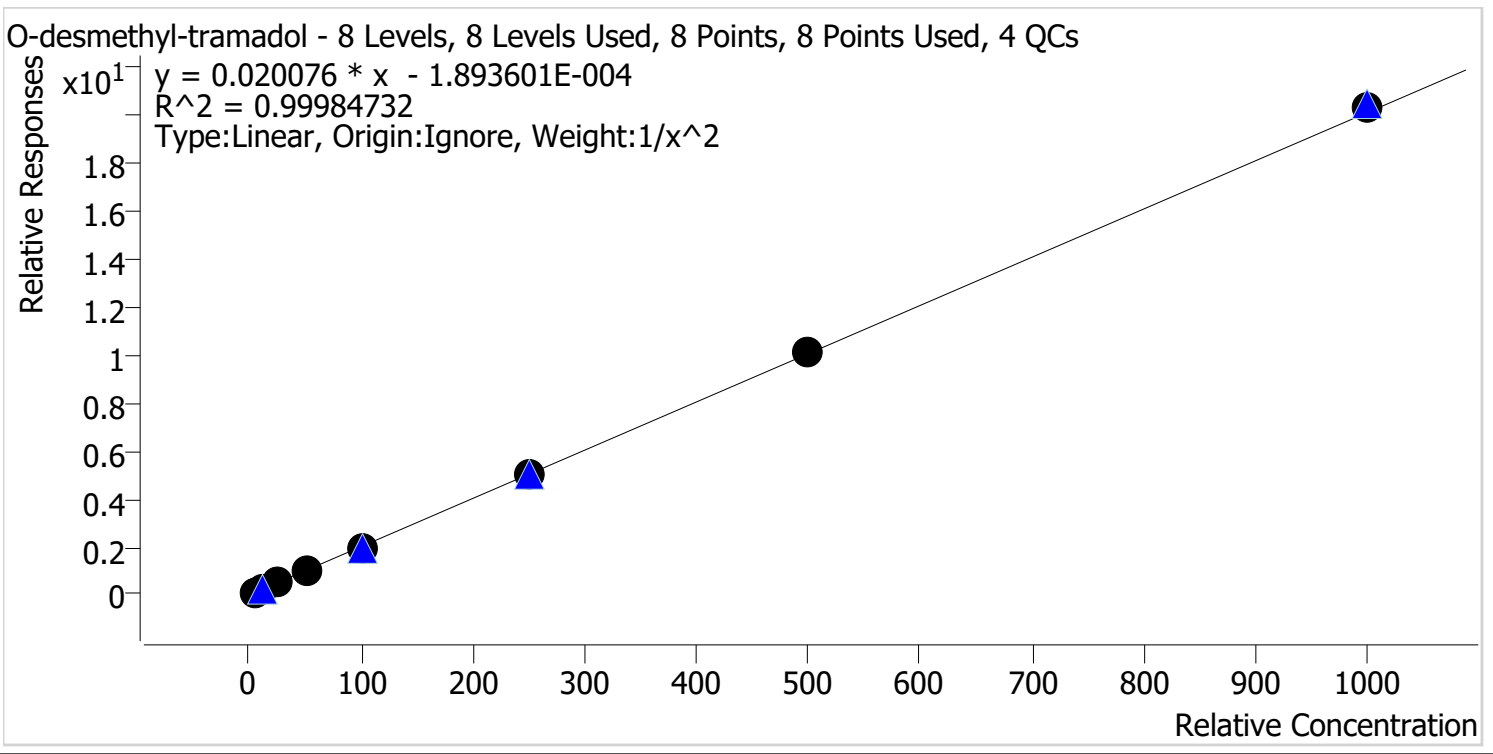
9/10/2024 2:17 PM

ISP\Datastor

O-desmethyl-tramadol

Internal Standard

O-desmethyl-tramadol-D6

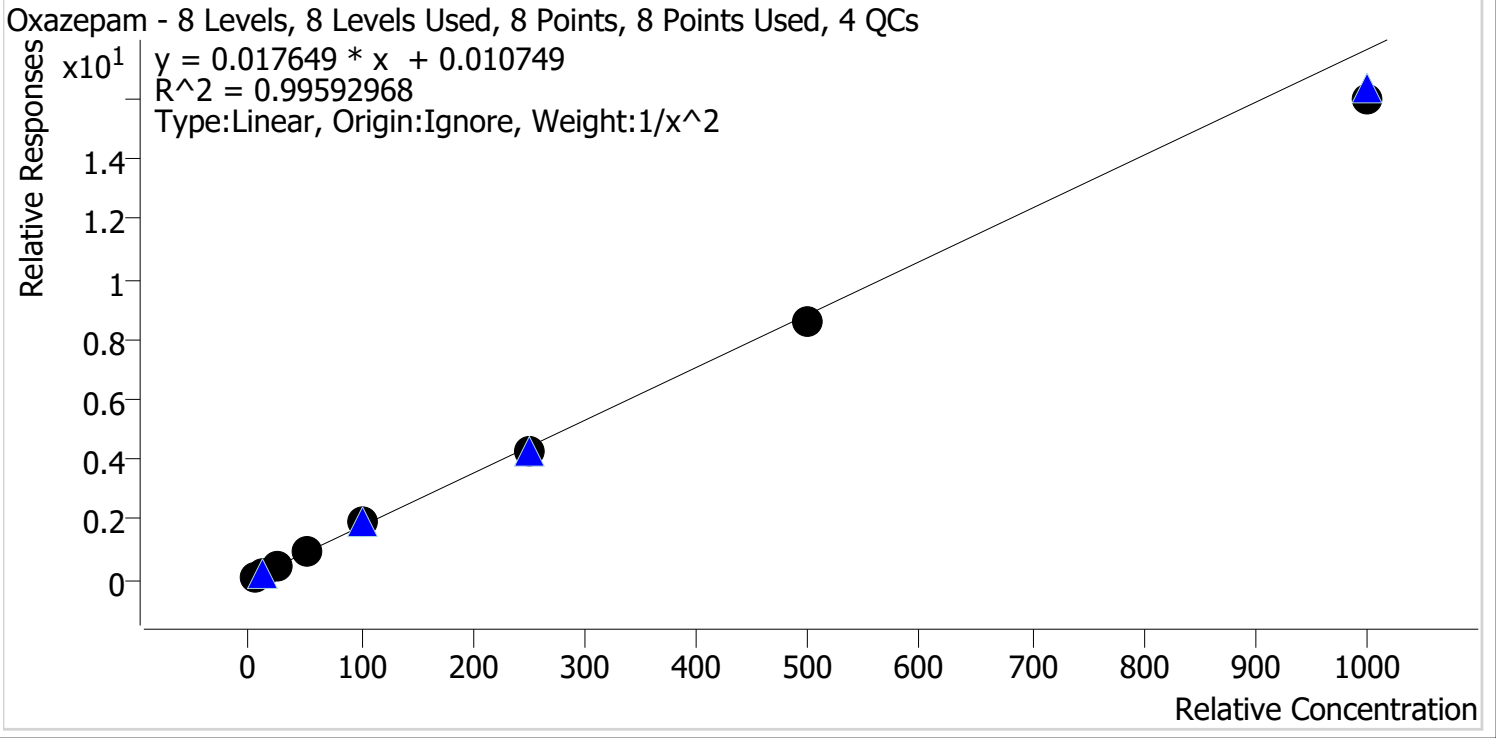


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	507.2	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1011.6	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Oxazepam Internal Standard Oxazepam-D5

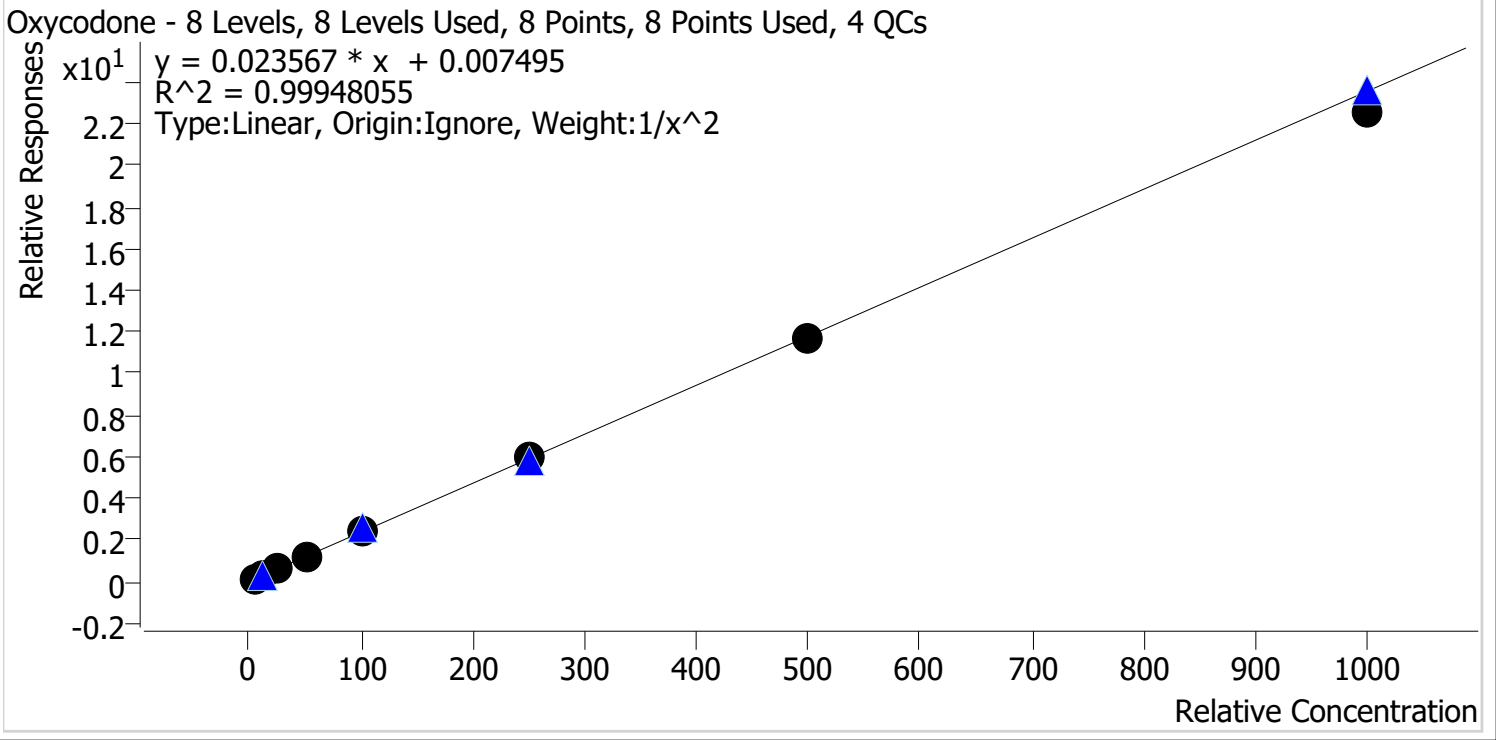


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	241.4	96.6
p1 Cal 7-500ng	7	✓	500.0	484.0	96.8
p1 Cal 8-1000ng	8	✓	1000.0	907.2	90.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Oxycodone Internal Standard Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	956.6	95.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

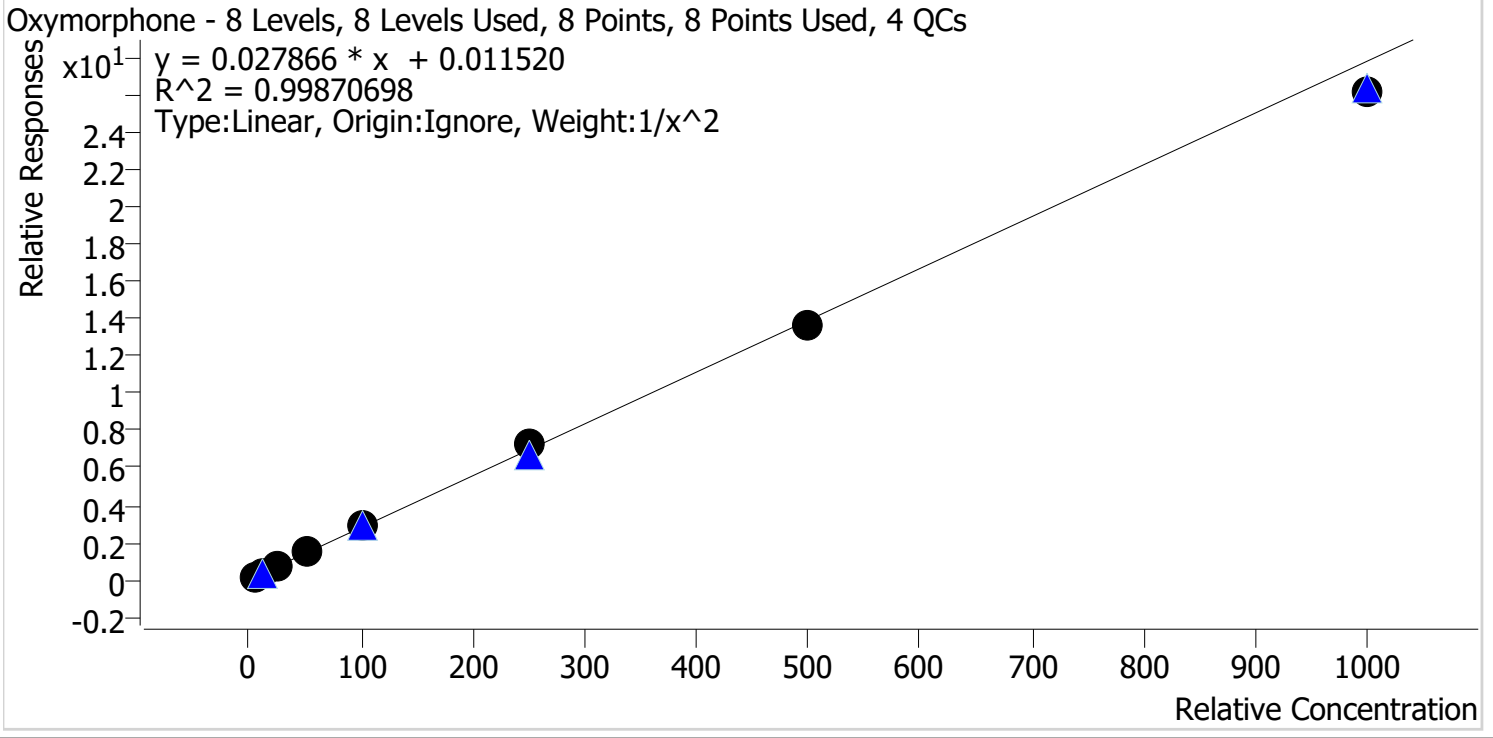
9/10/2024 2:17 PM

ISP\Datastor

Oxymorphone

Internal Standard

Oxymorphone-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	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	258.9	103.6
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	940.7	94.1



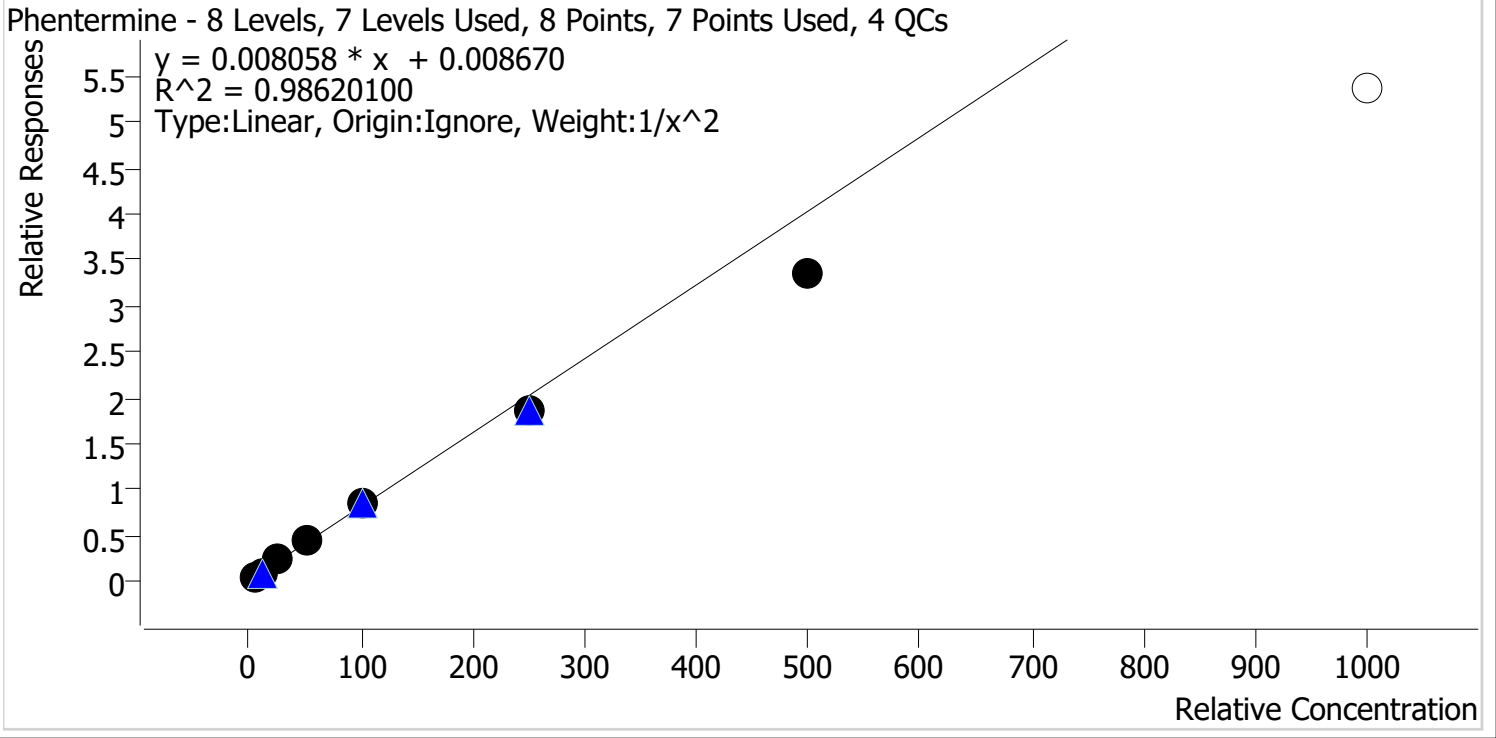
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

Last Cal. Update9/10/2024 2:17 PM

Analyst NameISP\Datastor

AnalytePhentermineInternal StandardPhentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	230.9	92.4
p1 Cal 7-500ng	7	✓	500.0	416.0	83.2
p1 Cal 8-1000ng	8	✗	1000.0	665.7	66.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

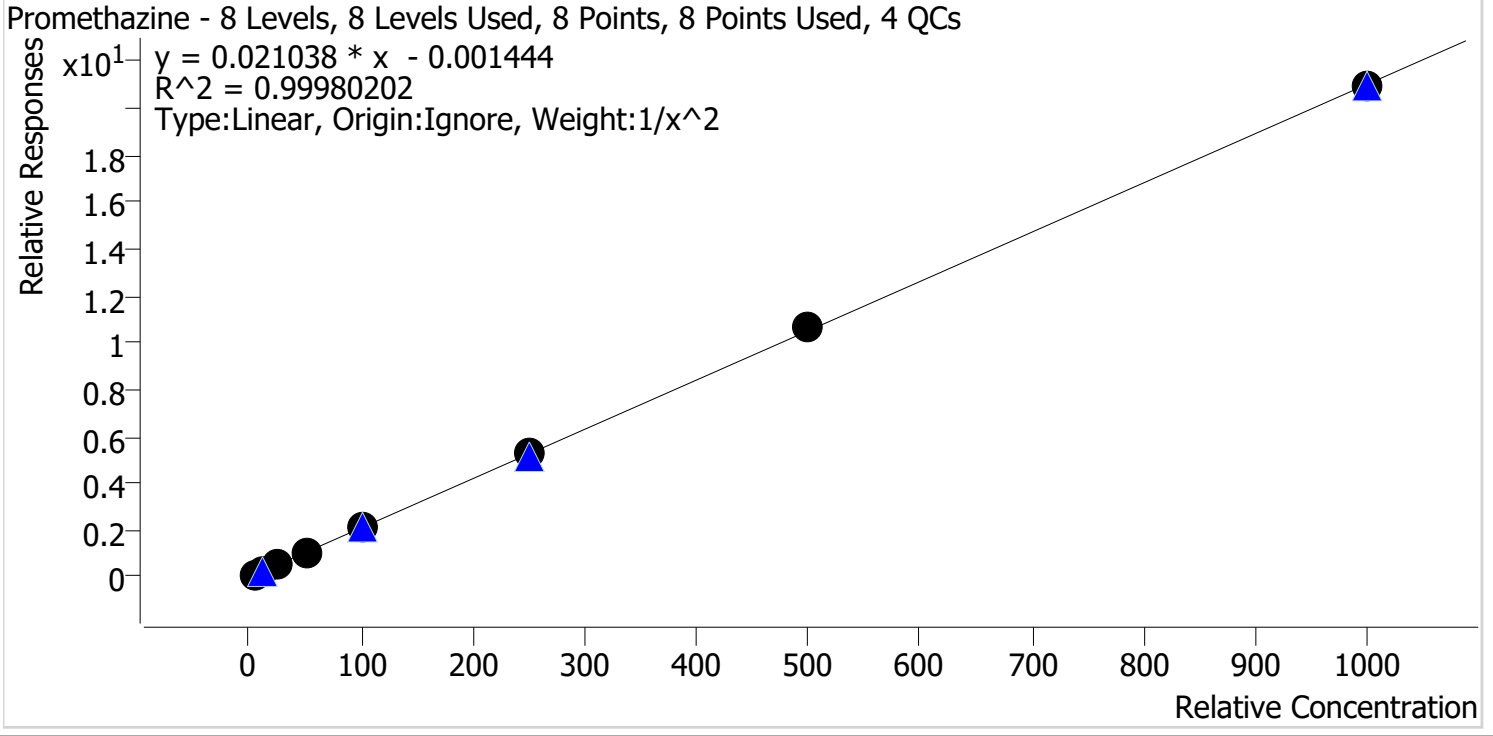
9/10/2024 2:17 PM

ISP\Datastor

Promethazine

Internal Standard

Promethazine-D3

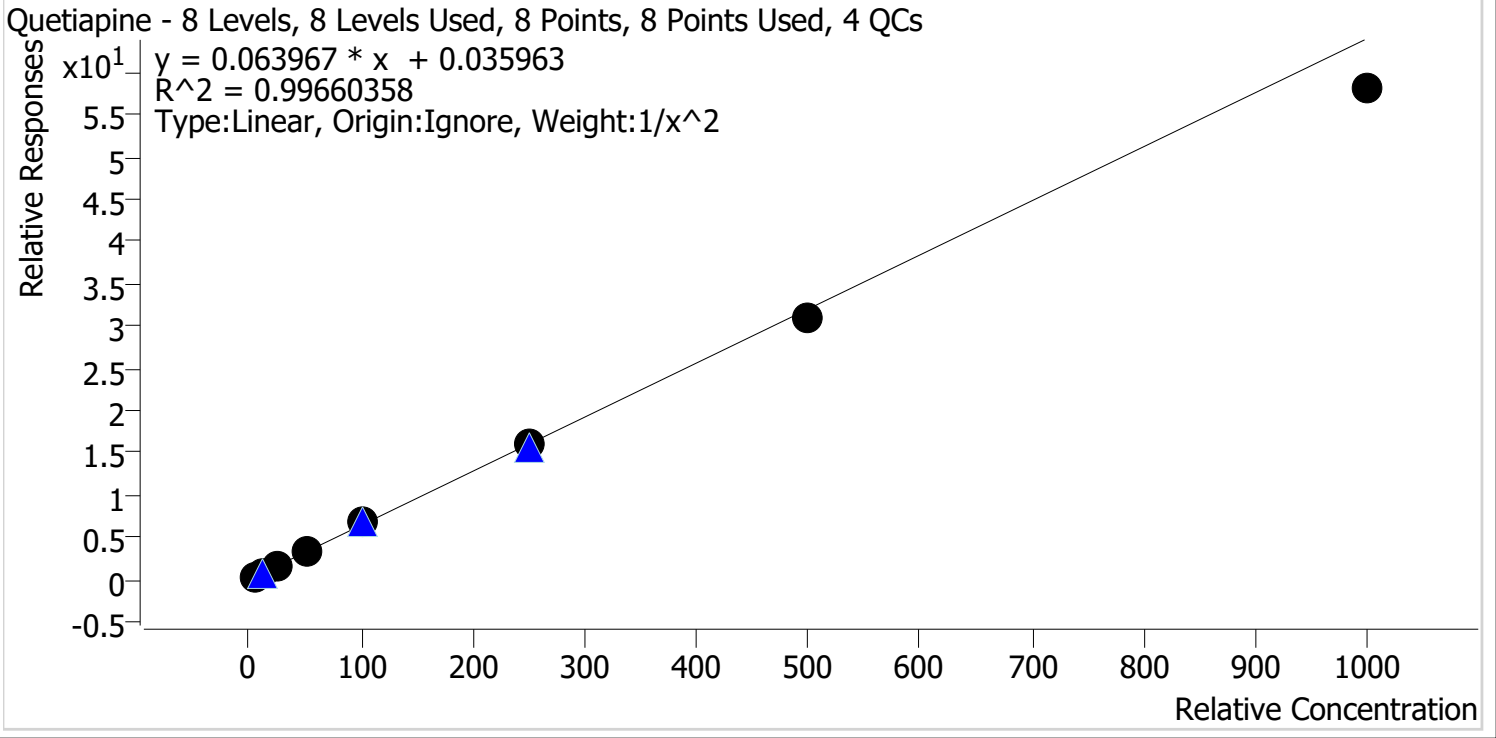


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	995.4	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Quetiapine Internal Standard Quetiapine-D8

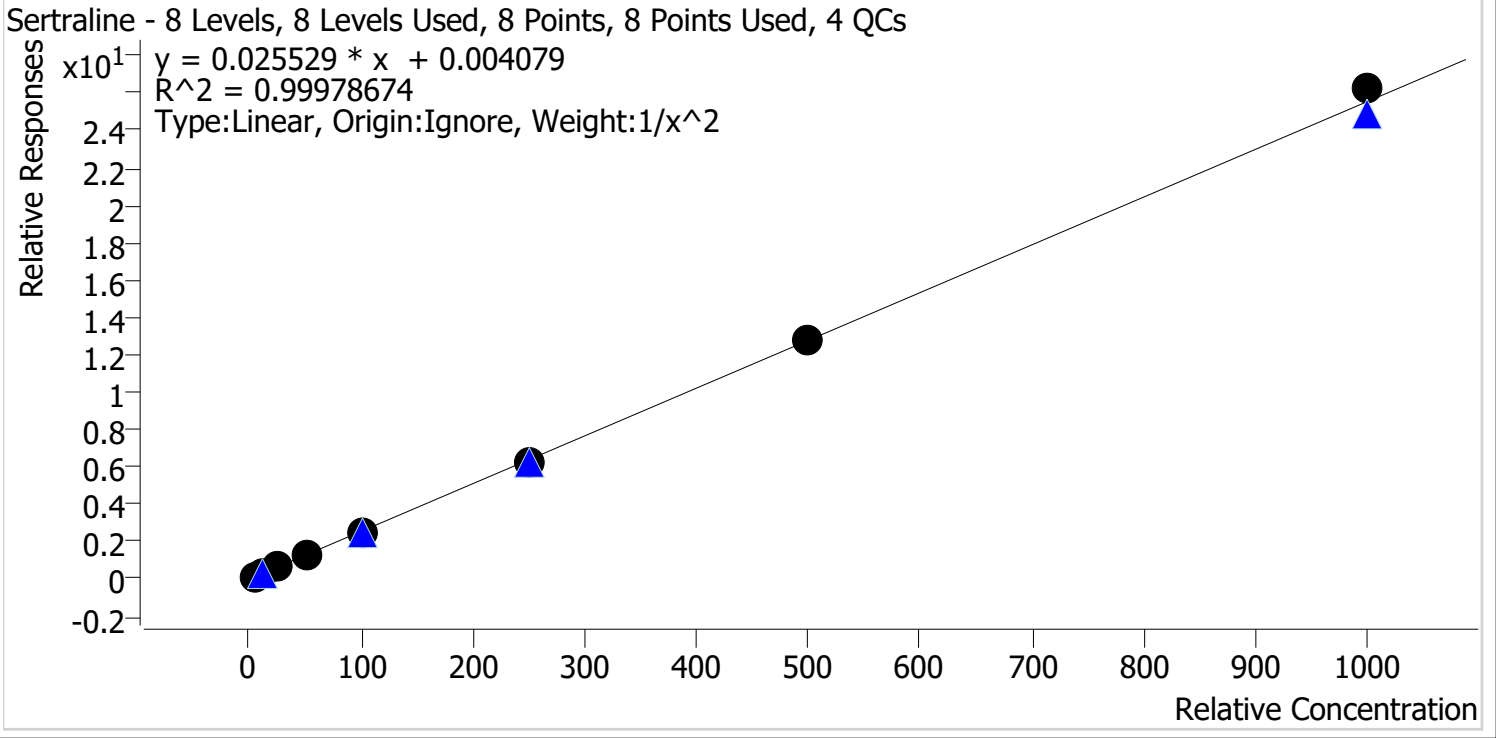


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	907.5	90.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Sertraline Internal Standard Sertraline-D3

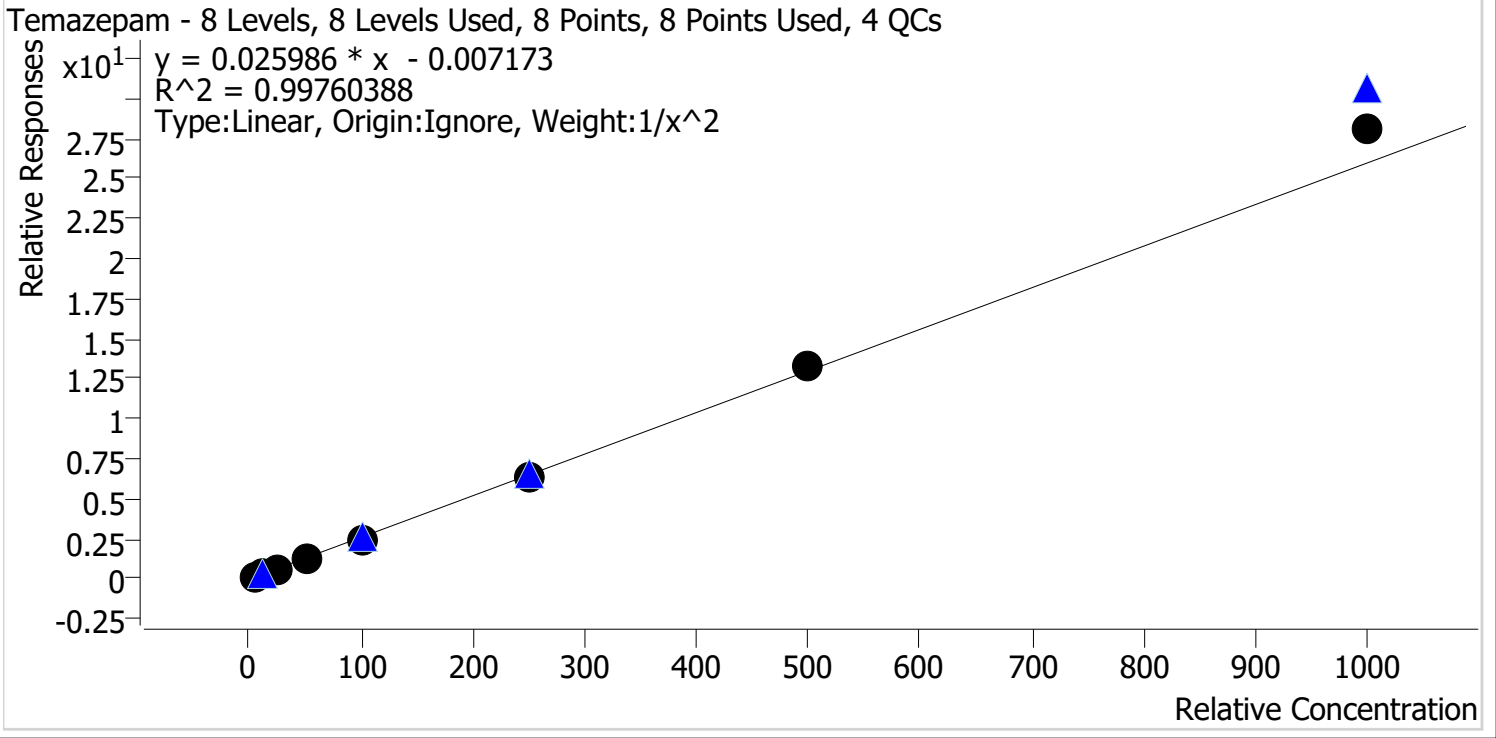


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	499.9	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1027.3	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	514.6	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1084.3	108.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin

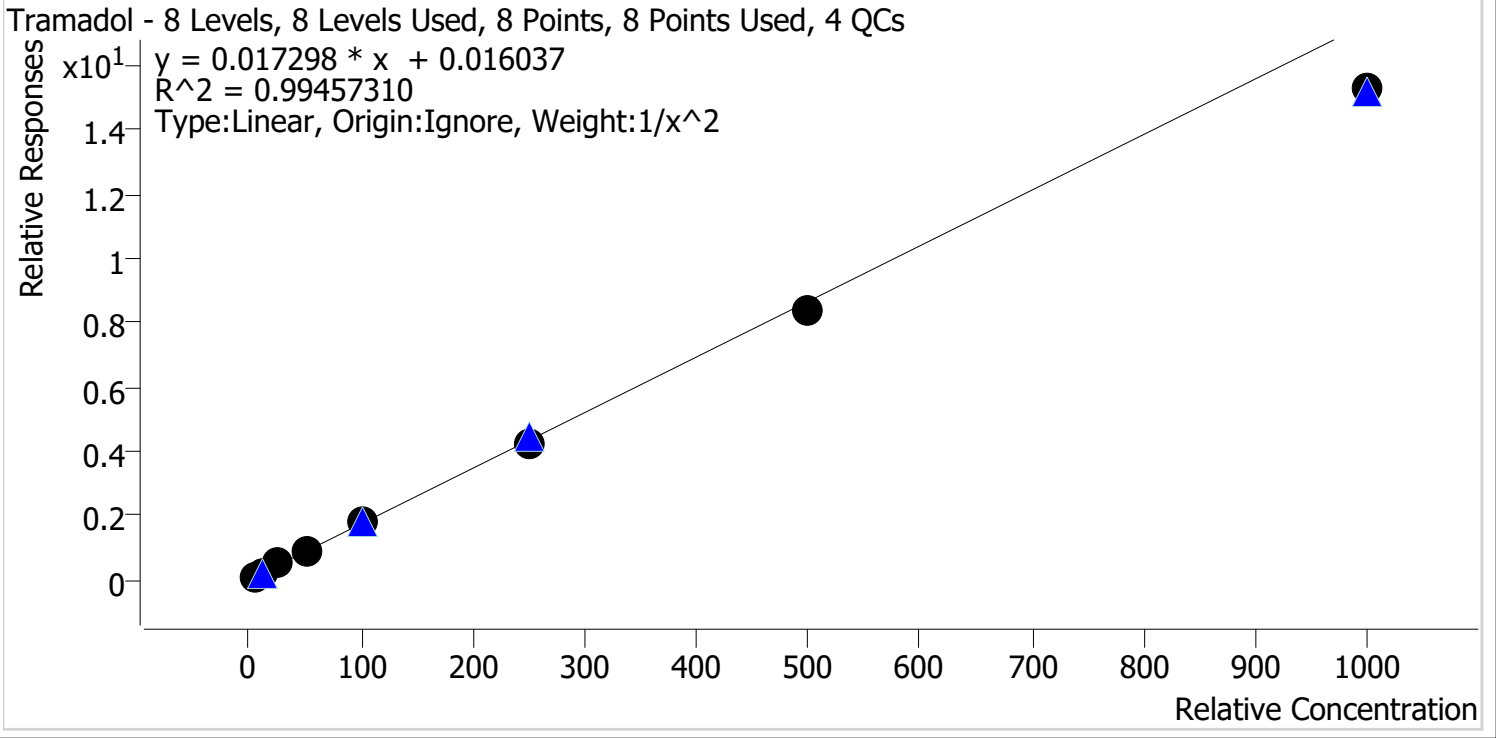
9/10/2024 2:17 PM

ISP\Datastor

Tramadol

Internal Standard

Tramadol-13C-D3

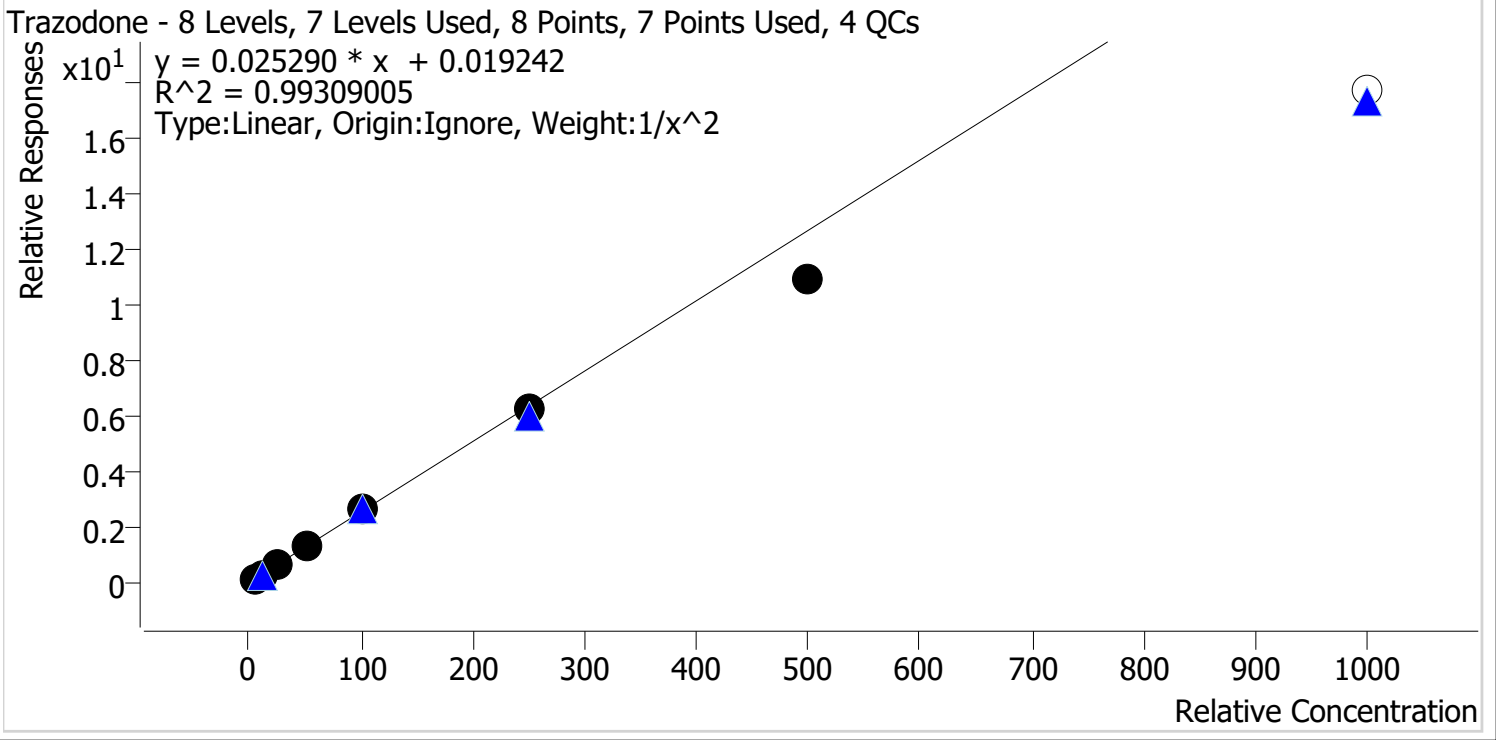


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
p1 Cal 7-500ng	7	✓	500.0	486.2	97.2
p1 Cal 8-1000ng	8	✓	1000.0	882.6	88.3



AM #28 Multi-Drug Quant. Calibration Curve Report

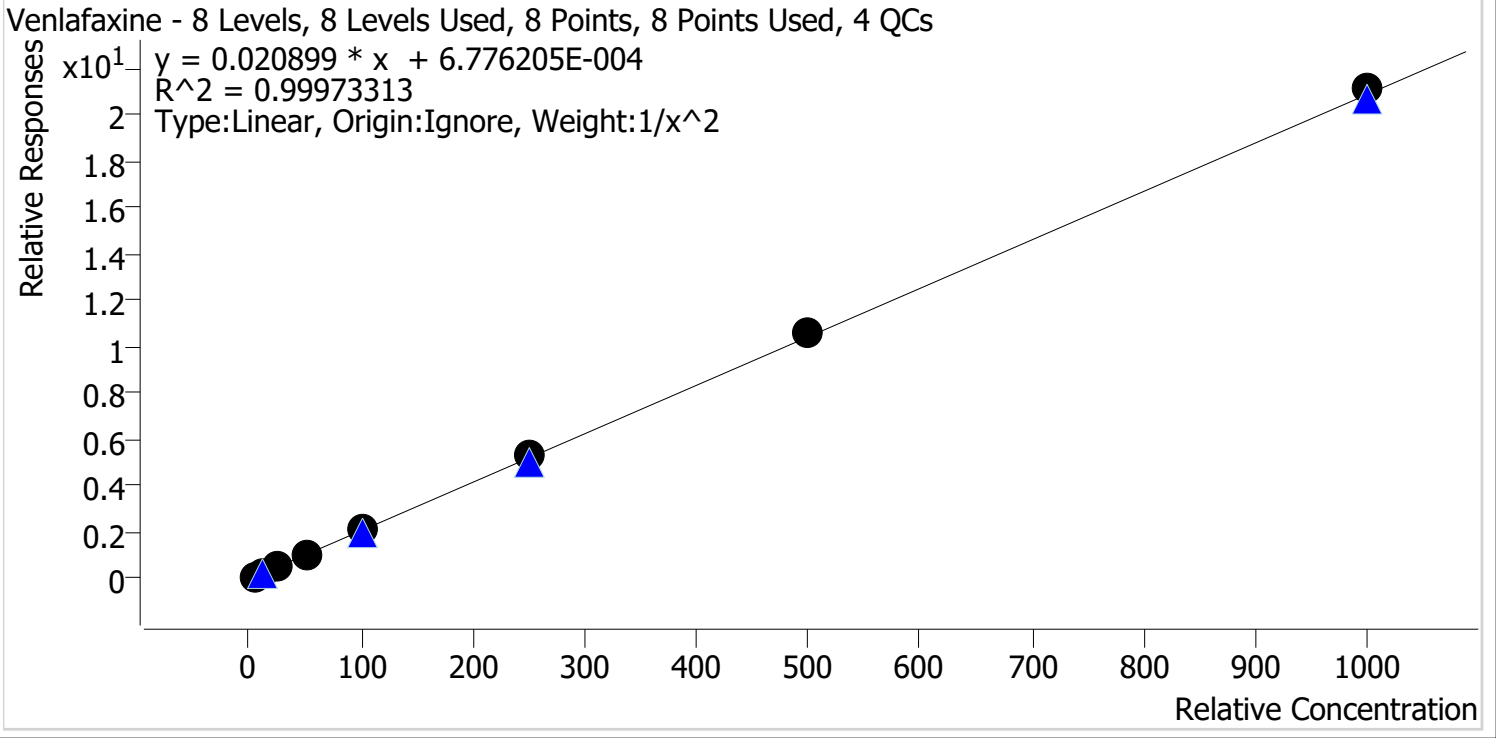
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Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Trazodone Internal Standard Trazodone-D6





AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine Internal Standard Venlafaxine-D6

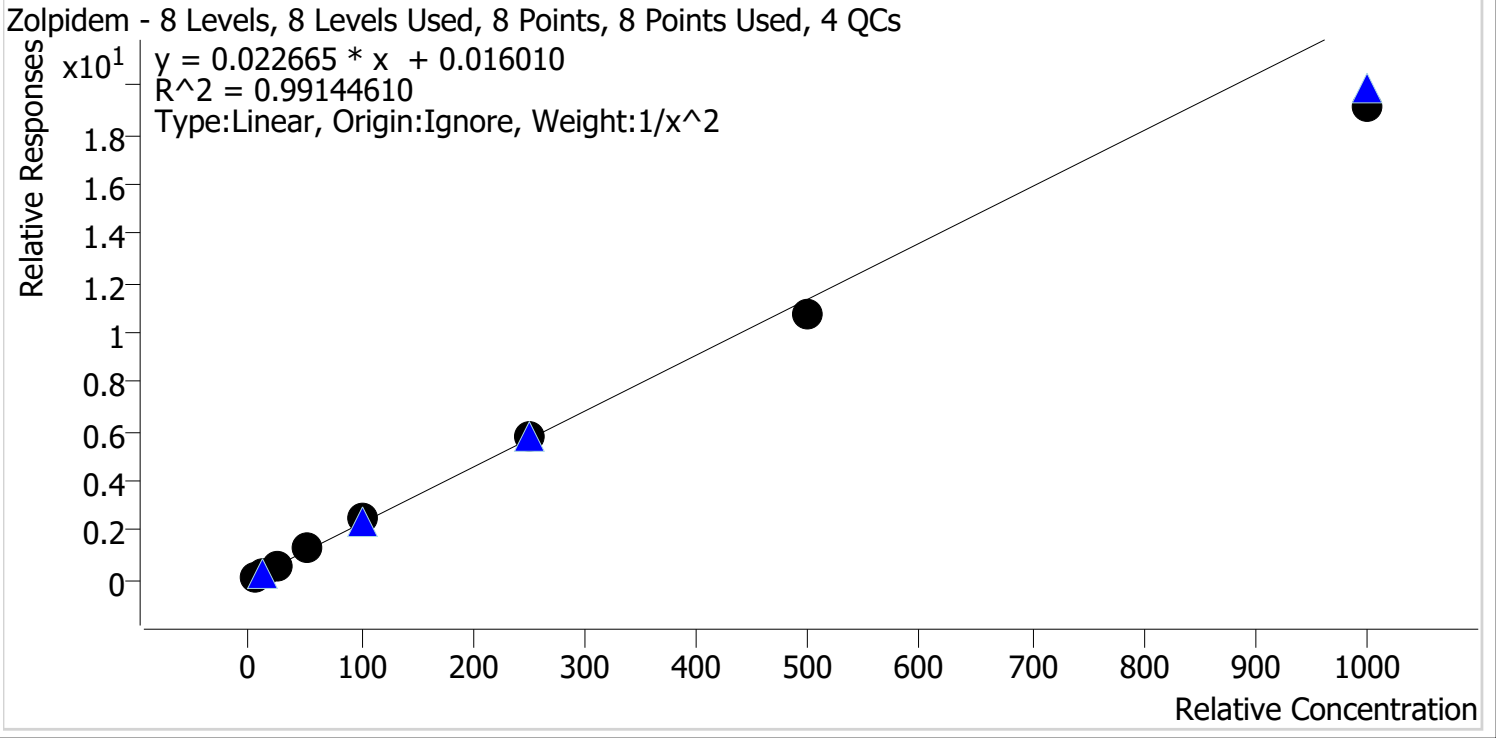


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.5	98.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1012.2	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\090324 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/10/2024 2:17 PM
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	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	470.9	94.2
p1 Cal 8-1000ng	8	✓	1000.0	841.5	84.1

AM #28 Multi-Drug Quant. Results



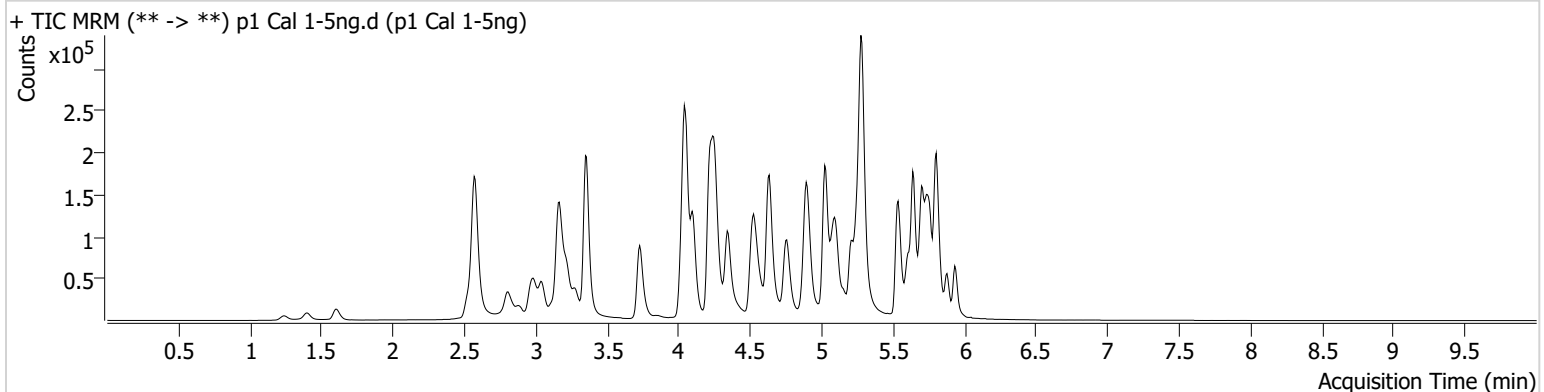
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Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H12
Injection Volume 2
Acq. Date-Time 9/3/2024 11:40:57 PM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
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	3.123	529	557.18	65.0	559.16	29452	0.5219 ng/ml
7-aminoclonazepam	4.258	5881	51.28	74.1	2028.11	43194	4.5654 ng/ml
9-hydroxyrisperidone	4.637	1586	181.49	3088.2	5106.67	390563	4.9642 ng/ml
a-hydroxyalprazolam	5.685	5338	658.72	66.2	73.69	38071	4.6735 ng/ml
alpha-PHP	4.922	9338	1063.16	257.1	937.95	237956	4.8858 ng/ml
alpha-PVP	4.356	33844	4869.50	50.0	10431.27	237956	5.0406 ng/ml
Alprazolam	5.762	18434	239.17	109.9	333.62	129960	4.9606 ng/ml
Amphetamine	3.047	53725	934.04	52.1	4831.32	123323	4.7348 ng/ml
Benzoylcegonine	3.876	854	1250.30	37.5	38.92	5248	5.0595 ng/ml
Bromazolam	5.800	14468	19727.26	112.1	12164.99	67834	4.9351 ng/ml
Buprenorphine	5.840	733	695.68	15.6	94.35	56983	0.5146 ng/ml
Bupropion	4.772	34841	754.17	61.2	1115.06	229220	4.9770 ng/ml
Carisoprodol	5.716	21894	184.85	57.8	199.06	196446	5.1505 ng/ml
Citalopram	5.207	24170	282.19	40.5	779.03	207626	5.0291 ng/ml
Clonazepam	5.604	18990	128.45	36.7	6651.07	48916	4.7723 ng/ml
Clonazolam	5.540	14761	727.19	35.9	5951.65	48916	4.8468 ng/ml
Cocaine	4.250	23210	9067.22	50.5	21222.97	366083	4.9836 ng/ml
Codeine	2.582	2524	170.73	105.1	17224.34	21663	4.7197 ng/ml
Cyclobenzaprine	5.613	13929	1378.24	8.5	13.30	91011	4.9931 ng/ml
Dextromethorphan	5.264	15570	12029.72	84.3	208.76	127864	5.0128 ng/ml
Dextrorphan	4.103	11699	5894.66	202.5	368.78	222749	5.1139 ng/ml
Diazepam	5.940	13068	204.46	94.5	389.21	103582	4.9779 ng/ml
Dihydrocodeine	2.554	7371	1479.81	62.4	18281.21	68334	4.7971 ng/ml
Diphenhydramine	5.285	66107	247.32	33.3	3729.92	720929	5.0617 ng/ml
Doxylamine	4.539	65007	21268.33	97.0	38607.77	466615	5.0645 ng/ml
Duloxetine	5.640	719	85.32	16.3	23.86	7742	4.9906 ng/ml
EDDP	5.250	21705	113.71	41.8	384.06	192515	5.0494 ng/ml
Etizolam	5.800	7764	1162.19	26.6	4211.92	48916	5.2394 ng/ml
Fentanyl	5.090	2017	303.11	78.9	151.42	196836	0.5088 ng/ml
Fluorofentanyl	5.151	4365	399.56	38.7	1045.42	1707	0.5186 ng/ml
Fluoxetine	5.693	8964	324.11	7.5	159.66	66854	4.9619 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	9751	62.11	37.3	108.39	86685	4.8956 ng/ml
Hydromorphone	1.616	6671	1255.44	74.2	7597.85	38016	4.9766 ng/ml
Hydroxyzine	5.697	23823	21268.88	72.1	548.87	127864	5.2722 ng/ml
Ketamine	4.035	21613	262.90	35.9	129.13	180579	4.8237 ng/ml
Lamotrigine	4.266	18799	14430.46	88.9	260.76	508658	46.7132 ng/ml
Lorazepam	5.733	13115	533.34	52.3	50.24	171275	4.8388 ng/ml
MDA	3.187	32837	705.02	28.0	1652.69	175139	4.7938 ng/ml
MDMA	3.282	22294	26546.81	83.7	190.65	45038	5.0329 ng/ml
Meprobamate	4.902	10966	9474.86	29.0	127.20	89299	4.7204 ng/ml
Methadone	5.645	40960	334.17	51.0	303.20	303353	5.0651 ng/ml
Methamphetamine	3.222	103178	3480.90	39.2	282.67	293979	4.8329 ng/ml
Metoprolol	4.306	5715	6033.26	114.2	3799.52	455707	4.6891 ng/ml
Mirtazapine	4.627	39919	2698.40	51.7	25576.15	237956	4.9757 ng/ml
Mitragynine	5.225	7557	109.00	34.7	2925.62	303353	5.1162 ng/ml
Morphine	1.247	1805	264.19	43.5	135.81	7486	4.9877 ng/ml
Norbuprenorphine	4.979	168	429.68	107.6	84.98	10214	0.5741 ng/ml
Nordiazepam	5.887	14316	539.08	56.0	200.61	80602	4.9218 ng/ml
Norfentanyl	4.069	4479	6476.60	42.9	70.74	349768	0.5145 ng/ml
Norhydrocodone	3.057	1946	87.81	41.1	182.34	26737	5.2402 ng/ml
Noroxycodone	2.900	5792	331.96	49.3	157.79	37697	4.9839 ng/ml
O-desmethyl-tramadol	3.355	50083	7995.08	6.3	410.81	497611	5.0228 ng/ml
o-desmethylvenlafaxine	4.054	60559	4288.95	21.0	450.41	99263	4.9431 ng/ml
Olanzapine	4.469	3090	82.90	57.2	61.41	16136	5.0838 ng/ml
Oxazepam	5.742	16487	618.12	67.0	33.44	171275	4.8449 ng/ml
Oxycodone	2.831	14917	157.39	27.4	1455.93	119880	4.9619 ng/ml
Oxymorphone	1.406	4096	115.70	43.9	234.88	27133	5.0035 ng/ml
Phentermine	3.765	12593	151.71	5.0	35.56	268381	4.7467 ng/ml
Promethazine	5.537	22819	203.86	29.8	895.26	220595	4.9857 ng/ml
Pseudoephedrine	2.586	51760	4613.84	16.7	15973.15	508658	5.0674 ng/ml
Quetiapine	5.547	30576	79459.94	59.7	136.89	88836	4.8186 ng/ml
Sertraline	5.769	2537	60.81	86.0	2039.94	19266	4.9986 ng/ml
Temazepam	5.810	33983	1587.83	28.2	221.56	269874	5.1218 ng/ml
Tramadol	4.232	45563	327.96	3.3	45.76	455707	4.8528 ng/ml
Trazodone	5.157	29169	76.28	68.5	12969.50	207391	4.8006 ng/ml
Venlafaxine	5.030	48445	5822.63	33.5	335.14	455386	5.0579 ng/ml
Xylazine	4.070	17610	18846.41	46.5	356.73	150256	5.0093 ng/ml
Zolpidem	4.913	46813	276.43	29.9	621.68	373182	4.8281 ng/ml

AM #28 Multi-Drug Quant. Results



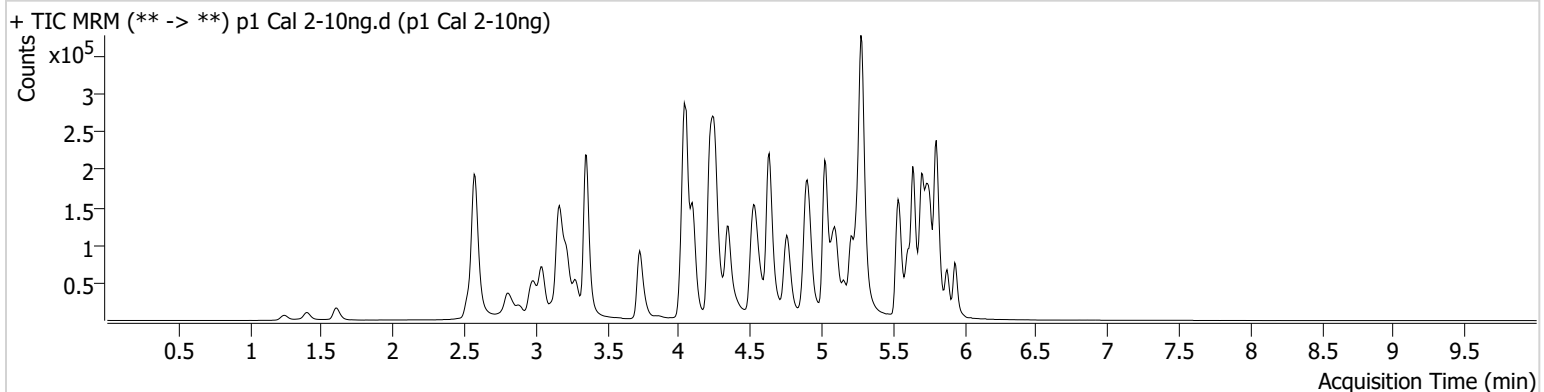
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Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-G12
Injection Volume 2
Acq. Date-Time 9/3/2024 11:51:45 PM
Sample Info.

Data File p1 Cal 2-10ng.d
Sample p1 Cal 2-10ng
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	3.123	976	3381.03	68.1	823.64	30197	0.9272 ng/ml
7-aminoclonazepam	4.258	12663	759.69	76.3	1106.18	47441	11.1311 ng/ml
9-hydroxyrisperidone	4.637	3452	3183.32	2967.5	2020.02	418764	10.1612 ng/ml
a-hydroxyalprazolam	5.685	11201	224.67	65.2	224.81	39902	10.4677 ng/ml
alpha-PHP	4.922	18738	2256.79	262.8	26351.70	245806	10.1573 ng/ml
alpha-PVP	4.356	67747	61552.59	52.2	216.67	245806	9.8445 ng/ml
Alprazolam	5.762	37806	913.28	105.6	1563.35	136495	10.0267 ng/ml
Amphetamine	3.047	103120	903.46	51.7	295.21	125999	10.6564 ng/ml
Benzoylcegonine	3.876	1531	122.51	37.2	99.19	5123	9.7386 ng/ml
Bromazolam	5.800	28391	12152.76	117.2	11760.84	70731	9.9735 ng/ml
Buprenorphine	5.847	1586	1468.90	17.7	226.50	58751	0.9722 ng/ml
Bupropion	4.772	69242	400.29	62.1	17200.13	234824	9.9614 ng/ml
Carisoprodol	5.716	44353	3909.90	60.6	992.45	202112	9.7858 ng/ml
Citalopram	5.207	47645	1363.51	40.6	36004.77	210185	9.9165 ng/ml
Clonazepam	5.604	38280	455.14	37.0	9023.22	49767	10.4727 ng/ml
Clonazepam	5.541	29085	23018.75	36.2	12537.11	49767	10.1900 ng/ml
Cocaine	4.250	48087	2667.85	50.9	537.55	376775	10.0701 ng/ml
Codeine	2.582	5272	9002.73	96.4	11156.43	22023	10.6946 ng/ml
Cyclobenzaprine	5.613	25967	98.64	8.6	79.76	82772	10.1264 ng/ml
Dextromethorphan	5.264	30682	1035.67	82.1	414.97	127095	9.9586 ng/ml
Dextrorphan	4.103	22916	650.69	209.3	1537.45	235483	9.6307 ng/ml
Diazepam	5.940	25799	948.55	95.1	24090.32	105075	10.0119 ng/ml
Dihydrocodeine	2.554	14472	60.36	63.8	188.02	70099	10.2629 ng/ml
Diphenhydramine	5.285	130812	311.54	33.5	1298.90	732915	9.8678 ng/ml
Doxylamine	4.539	131865	82950.35	99.9	185336.19	490695	9.8472 ng/ml
Duloxetine	5.640	1244	468.36	15.9	24.25	6429	10.0212 ng/ml
EDDP	5.250	36012	307.95	41.9	109.15	163136	9.8853 ng/ml
Etizolam	5.800	15039	5466.91	28.8	6536.84	49767	9.4164 ng/ml
Fentanyl	5.090	3849	∞	78.6	11934.32	194817	0.9831 ng/ml
Fluorofentanyl	5.151	7682	537.16	42.4	570.08	1742	0.9115 ng/ml
Fluoxetine	5.693	15431	142.34	7.7	17453.43	58185	10.0043 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	19832	47.72	37.9	71.59	89387	10.1356 ng/ml
Hydromorphone	1.609	13397	33241.68	74.6	27.98	38575	10.0834 ng/ml
Hydroxyzine	5.697	46150	7779.21	74.9	4599.59	127095	9.4523 ng/ml
Ketamine	4.035	43208	564.53	37.2	604.43	185608	10.3072 ng/ml
Lamotrigine	4.266	37527	4382.46	87.4	315.55	520937	110.5232 ng/ml
Lorazepam	5.733	26891	414.46	51.5	151.72	174167	10.6155 ng/ml
MDA	3.188	65220	2810.55	28.3	779.43	178472	10.3845 ng/ml
MDMA	3.289	45060	41837.14	84.5	241.21	47313	9.8660 ng/ml
Meprobamate	4.902	21837	161.12	27.6	441.38	91988	10.6039 ng/ml
Methadone	5.645	79729	1305.47	51.5	3339.95	304053	9.9012 ng/ml
Methamphetamine	3.222	148669	1928.25	39.0	3710.94	299798	10.3189 ng/ml
Metoprolol	4.306	12452	1480.17	102.7	15084.63	477416	10.8402 ng/ml
Mirtazapine	4.627	81302	511.58	51.8	828.82	245806	9.9004 ng/ml
Mitragynine	5.225	14410	255.98	37.5	1516.73	304053	9.6119 ng/ml
Morphine	1.247	3369	103.78	47.9	1396.40	7545	9.9087 ng/ml
Norbuprenorphine	4.985	259	535.43	102.7	37.22	10058	0.9582 ng/ml
Nordiazepam	5.887	28554	548.52	57.2	413.20	81739	10.1212 ng/ml
Norfentanyl	4.063	8998	9324.82	40.0	135.74	352207	0.9704 ng/ml
Norhydrocodone	3.057	4030	73.29	43.9	73.64	27910	9.5582 ng/ml
Noroxycodone	2.900	11490	1335.83	48.0	961.72	38805	10.0645 ng/ml
O-desmethyl-tramadol	3.355	102262	715.97	6.2	447.33	510718	9.9834 ng/ml
o-desmethylvenlafaxine	4.054	121989	65839.16	21.2	741.71	100653	10.1441 ng/ml
Olanzapine	4.476	8531	169.82	67.7	110.57	24431	9.3905 ng/ml
Oxazepam	5.742	33549	1516.98	70.3	553.02	174167	10.3051 ng/ml
Oxycodone	2.831	29915	1736.44	28.8	417.59	122356	10.0563 ng/ml
Oxymorphone	1.399	8012	164.52	46.3	127.14	27837	9.9155 ng/ml
Phentermine	3.765	25658	316.51	4.8	308.33	276012	10.4601 ng/ml
Promethazine	5.537	42734	1362.70	30.5	221.55	201855	10.1318 ng/ml
Pseudoephedrine	2.586	103933	9325.09	16.6	1154.07	520937	9.9053 ng/ml
Quetiapine	5.547	61038	50769.23	60.4	14452.68	86831	10.4272 ng/ml
Sertraline	5.769	4102	244.64	93.2	392.78	15775	10.0262 ng/ml
Temazepam	5.810	68773	236.54	28.3	175.59	280591	9.7082 ng/ml
Tramadol	4.232	91115	∞	3.7	198.64	477416	10.1057 ng/ml
Trazodone	5.157	57412	27242.99	70.0	53892.64	203046	10.4196 ng/ml
Venlafaxine	5.030	97913	10446.05	33.8	1803.16	472829	9.8763 ng/ml
Xylazine	4.070	35555	1393.78	47.9	360.23	152333	10.0399 ng/ml
Zolpidem	4.913	96519	15842.85	29.4	9363.28	386723	10.3052 ng/ml

AM #28 Multi-Drug Quant. Results



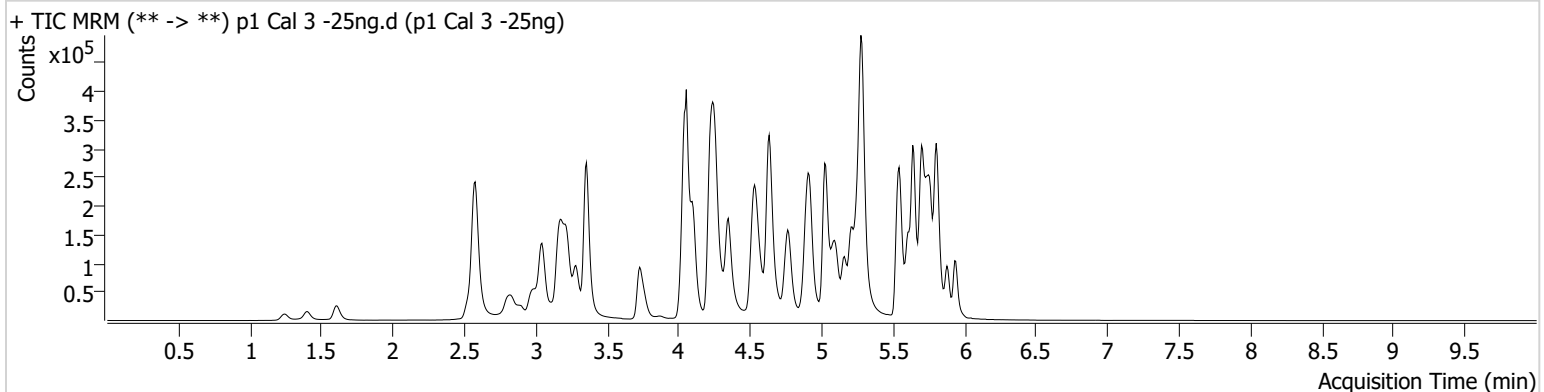
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Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F12
Injection Volume 2
Acq. Date-Time 9/4/2024 12:02:23 AM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
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	3.123	2464	2346.62	67.4	10587.54	29263	2.3911 ng/ml
7-aminoclonazepam	4.251	25095	1137.33	79.5	6372.86	40506	28.8354 ng/ml
9-hydroxyrisperidone	4.637	8228	5075.64	2997.4	3676.60	405746	25.1187 ng/ml
a-hydroxyalprazolam	5.685	25777	250.20	64.7	1499.34	35930	28.4777 ng/ml
alpha-PHP	4.922	45434	1194.72	258.8	4333.07	240365	26.2311 ng/ml
alpha-PVP	4.356	166819	32648.71	50.9	3952.58	240365	24.9139 ng/ml
Alprazolam	5.762	90388	874.04	104.8	875.83	131632	25.3863 ng/ml
Amphetamine	3.047	231309	219.67	52.1	16060.44	123519	26.9657 ng/ml
Benzoylcegonine	3.876	3940	368.25	34.3	389.59	5331	24.8721 ng/ml
Bromazolam	5.800	64587	68061.23	116.5	71625.56	64117	26.2021 ng/ml
Buprenorphine	5.847	4209	1622.28	14.7	726.43	59174	2.4029 ng/ml
Bupropion	4.772	168206	27682.72	61.8	1885.47	227956	25.4170 ng/ml
Carisoprodol	5.716	99310	25769.40	59.5	281.26	185289	23.3711 ng/ml
Citalopram	5.207	120148	139.25	39.0	598.85	214535	24.6919 ng/ml
Clonazepam	5.604	87248	112892.78	37.0	26674.93	46916	26.7892 ng/ml
Clonazolam	5.540	68090	52532.08	36.1	19403.62	46916	26.5766 ng/ml
Cocaine	4.250	116284	24862.92	49.5	291.50	366497	25.0900 ng/ml
Codeine	2.582	12558	1673.90	95.0	12812.13	21778	27.0878 ng/ml
Cyclobenzaprine	5.613	76788	39282.73	8.6	4429.13	101450	24.2865 ng/ml
Dextromethorphan	5.264	78756	2802.21	81.6	253156.03	131974	24.6486 ng/ml
Dextrorphan	4.103	54826	736.13	211.7	5984.84	223975	24.5010 ng/ml
Diazepam	5.940	61694	6750.44	92.6	551.88	101521	25.2852 ng/ml
Dihydrocodeine	2.554	36197	4780.87	63.8	29186.92	70271	27.3770 ng/ml
Diphenhydramine	5.285	328689	839.90	33.1	864.56	738550	24.6305 ng/ml
Doxylamine	4.539	325928	34089.70	98.4	2867.33	489341	24.5307 ng/ml
Duloxetine	5.640	4295	5438.42	13.4	332.04	8700	25.0263 ng/ml
EDDP	5.250	88094	374.16	42.1	110.60	161249	24.4634 ng/ml
Etizolam	5.800	36674	9838.71	26.2	10988.60	46916	23.3784 ng/ml
Fentanyl	5.090	10405	77.46	76.1	81.95	214956	2.4129 ng/ml
Fluorofentanyl	5.151	22633	520.95	42.0	245.97	1839	2.5858 ng/ml
Fluoxetine	5.693	51309	147.93	8.1	4078.94	76098	25.7351 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	48050	143.26	38.2	592.91	87025	25.9580 ng/ml
Hydromorphone	1.609	32860	1317.59	75.5	78798.45	38817	24.9242 ng/ml
Hydroxyzine	5.697	123674	21769.85	72.5	1407.32	131974	23.0236 ng/ml
Ketamine	4.035	101987	103533.04	37.4	3844.97	178451	26.7290 ng/ml
Lamotrigine	4.266	82428	103841.86	89.2	3635.85	507516	274.9178 ng/ml
Lorazepam	5.733	56642	1098.79	53.3	320.51	157645	25.8245 ng/ml
MDA	3.187	151068	1273.50	28.4	5463.02	170034	26.8169 ng/ml
MDMA	3.282	108711	155220.79	84.7	3371.39	45757	24.9085 ng/ml
Meprobamate	4.902	49607	154.94	28.3	798.05	86775	27.7665 ng/ml
Methadone	5.645	204691	1566.19	51.8	565.28	323404	23.9953 ng/ml
Methamphetamine	3.222	271354	752.85	38.4	381.65	293591	26.5338 ng/ml
Metoprolol	4.306	29022	5098.84	106.0	987.82	468430	27.1355 ng/ml
Mirtazapine	4.627	204064	570.03	51.7	2581.96	240365	25.5574 ng/ml
Mitragynine	5.225	38940	427.35	36.3	815.30	323404	24.2133 ng/ml
Morphine	1.247	8624	622.97	46.0	377.14	7812	25.6601 ng/ml
Norbuprenorphine	4.979	635	572.60	92.7	212.43	10863	2.3117 ng/ml
Nordiazepam	5.887	67994	818.95	56.1	255.05	78761	25.6840 ng/ml
Norfentanyl	4.069	22447	262.42	38.6	629.09	343421	2.3948 ng/ml
Norhydrocodone	3.057	10172	183.77	42.3	100.38	28028	22.7366 ng/ml
Noroxycodone	2.907	27342	1143.69	48.5	336.68	37965	25.1888 ng/ml
O-desmethyl-tramadol	3.355	250063	16967.53	6.2	308.61	503583	24.7444 ng/ml
o-desmethylvenlafaxine	4.054	292968	21710.28	20.8	2051.62	98936	25.2592 ng/ml
Olanzapine	4.475	17331	512.10	61.8	339.18	18133	25.9541 ng/ml
Oxazepam	5.742	74531	223.98	69.9	189.06	157645	26.1785 ng/ml
Oxycodone	2.831	74063	890.46	28.6	595.80	122473	25.3423 ng/ml
Oxymorphone	1.399	20760	310.23	43.8	272.50	29492	24.8477 ng/ml
Phentermine	3.765	62177	∞	4.8	135.78	272049	27.2859 ng/ml
Promethazine	5.537	124787	576.21	30.1	181.83	240729	24.7088 ng/ml
Pseudoephedrine	2.586	248872	21958.77	16.6	5271.53	507516	24.3002 ng/ml
Quetiapine	5.547	154588	52839.64	59.0	72614.62	89809	26.3471 ng/ml
Sertraline	5.769	13628	1029.90	94.6	3682.15	21151	25.0789 ng/ml
Temazepam	5.810	151448	5369.55	28.6	137.24	243412	24.2196 ng/ml
Tramadol	4.232	228689	193.46	3.7	89.03	468430	27.2954 ng/ml
Trazodone	5.157	151379	715456.98	69.6	29023.28	217480	26.7625 ng/ml
Venlafaxine	5.030	237147	10661.03	33.5	341.12	464193	24.4132 ng/ml
Xylazine	4.070	85368	48952.02	47.8	153.74	150625	24.4714 ng/ml
Zolpidem	4.920	229843	566910.44	30.2	110611.26	380029	25.9775 ng/ml

AM #28 Multi-Drug Quant. Results



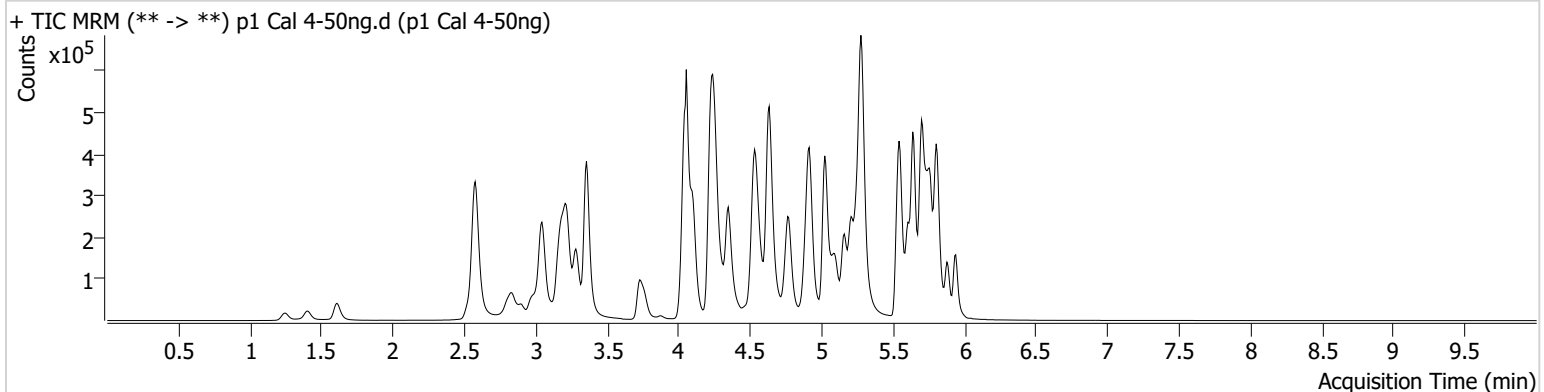
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E12
Injection Volume 2
Acq. Date-Time 9/4/2024 12:13:01 AM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
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	3.123	5249	9013.01	66.6	4941.50	29538	5.0295 ng/ml
7-aminoclonazepam	4.251	46300	1018.91	76.8	2271.32	41177	54.1865 ng/ml
9-hydroxyrisperidone	4.637	16743	370.57	3087.2	7875.69	418668	49.6156 ng/ml
a-hydroxyalprazolam	5.685	49211	431.73	63.0	∞	35287	56.4021 ng/ml
alpha-PHP	4.922	90048	2318.27	258.5	4605.34	243454	52.0054 ng/ml
alpha-PVP	4.349	338516	256982.64	51.2	290.66	243454	49.9970 ng/ml
Alprazolam	5.762	175905	1718.71	105.2	682.22	128511	50.9594 ng/ml
Amphetamine	3.047	455437	487.74	50.1	252.09	125402	54.1803 ng/ml
Benzoylcegonine	3.876	8023	163.90	36.7	523.71	5312	51.3934 ng/ml
Bromazolam	5.800	120116	184950.48	119.8	139847.41	61141	51.8403 ng/ml
Buprenorphine	5.847	8471	8495.28	14.5	904.15	59855	4.6845 ng/ml
Bupropion	4.772	340478	20076.36	62.4	446.75	232133	50.8441 ng/ml
Carisoprodol	5.716	195337	46228.42	59.7	∞	178829	47.2490 ng/ml
Citalopram	5.207	243167	1295.01	39.5	6082.81	215161	49.9615 ng/ml
Clonazepam	5.604	166117	121711.48	36.1	4590.85	44749	54.5087 ng/ml
Clonazepam	5.540	131506	135777.66	36.6	36558.96	44749	54.6935 ng/ml
Cocaine	4.250	229589	17626.62	50.5	3633.36	365321	49.7336 ng/ml
Codeine	2.582	23598	5324.51	95.6	667.21	21456	52.5215 ng/ml
Cyclobenzaprine	5.613	156336	376.12	8.8	3617.55	99523	50.2921 ng/ml
Dextromethorphan	5.257	163729	44092.73	78.9	533.58	132204	51.1765 ng/ml
Dextrorphan	4.103	112701	1682.44	205.3	752.50	227305	49.8131 ng/ml
Diazepam	5.940	122408	907.75	93.9	1665.29	101965	50.2846 ng/ml
Dihydrocodeine	2.554	70497	77.06	64.9	1232.49	70963	53.8984 ng/ml
Diphenhydramine	5.285	656377	40065.75	33.4	6977.28	748631	48.5397 ng/ml
Doxylamine	4.539	671710	40250.30	99.1	70821.95	506750	48.9020 ng/ml
Duloxetine	5.633	8114	565.15	14.8	903.72	8114	50.3338 ng/ml
EDDP	5.250	162475	9447.43	42.7	12749.33	146041	49.8161 ng/ml
Etizolam	5.800	69906	43064.35	26.9	29119.39	44749	46.1041 ng/ml
Fentanyl	5.090	21784	7353.99	74.8	53478.27	222150	4.8907 ng/ml
Fluorofentanyl	5.144	46165	6408.48	42.0	2709.55	1948	5.0007 ng/ml
Fluoxetine	5.693	96080	346.17	8.1	5600.47	72051	51.0886 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	96741	∞	38.6	256.52	88141	52.0882 ng/ml
Hydromorphone	1.609	65966	2565.78	75.8	5198.93	38689	50.4434 ng/ml
Hydroxyzine	5.697	247313	221006.87	73.7	181817.54	132204	45.0967 ng/ml
Ketamine	4.035	202769	5380.54	37.5	285.77	183491	52.5962 ng/ml
Lamotrigine	4.266	144810	26623.39	89.2	228255.91	504655	501.4426 ng/ml
Lorazepam	5.733	96385	1728.29	53.0	997.91	140654	50.0193 ng/ml
MDA	3.187	289207	190.12	28.3	3748.56	165170	53.9153 ng/ml
MDMA	3.282	221337	5115.91	85.4	231.35	46542	50.0570 ng/ml
Meprobamate	4.896	93026	144.54	27.9	175.84	86239	53.7987 ng/ml
Methadone	5.645	419775	73171.55	51.2	29085.94	319651	49.8604 ng/ml
Methamphetamine	3.222	482953	376.37	39.0	11104.35	305944	51.3019 ng/ml
Metoprolol	4.306	57227	953.89	103.0	1607.96	481493	52.9821 ng/ml
Mirtazapine	4.627	415124	28064.50	52.0	2828.97	243454	51.4249 ng/ml
Mitragynine	5.225	79989	689.21	35.8	24895.74	319651	50.1772 ng/ml
Morphine	1.247	16613	1189.56	46.4	386.02	7769	50.4410 ng/ml
Norbuprenorphine	4.979	1317	1816.03	86.8	307.04	10615	5.0213 ng/ml
Nordiazepam	5.887	130793	1514.79	56.7	1195.90	76106	51.5818 ng/ml
Norfentanyl	4.069	43420	1694.23	38.4	564.88	330282	4.7596 ng/ml
Norhydrocodone	3.057	21187	∞	43.1	∞	28339	45.9344 ng/ml
Noroxycodone	2.900	52075	2321.88	51.1	1427.47	38023	48.3461 ng/ml
O-desmethyl-tramadol	3.355	511655	1216.93	6.3	6090.63	519245	49.0932 ng/ml
o-desmethylvenlafaxine	4.054	582135	112262.64	21.0	2010.93	98147	50.9240 ng/ml
Olanzapine	4.475	57175	1061.84	61.4	4483.53	29674	52.4672 ng/ml
Oxazepam	5.742	131047	1176.52	70.2	282.55	140654	52.1811 ng/ml
Oxycodone	2.831	149794	3238.55	28.9	691.66	124542	50.7186 ng/ml
Oxymorphone	1.406	40707	234.18	45.5	403.46	28009	51.7413 ng/ml
Phentermine	3.765	124830	788.48	4.4	118.68	277761	54.6940 ng/ml
Promethazine	5.537	251587	21303.01	29.9	335.22	242589	49.3655 ng/ml
Pseudoephedrine	2.586	496000	24196.23	16.3	32332.67	504655	48.6732 ng/ml
Quetiapine	5.547	306723	34764.71	60.9	104650.29	91945	51.5893 ng/ml
Sertraline	5.769	23958	395.57	88.9	35774.36	18918	49.4472 ng/ml
Temazepam	5.810	272802	1712.24	28.4	438.93	215194	49.0610 ng/ml
Tramadol	4.232	444232	3668.49	3.9	167.86	481493	52.4079 ng/ml
Trazodone	5.157	307537	377386.29	68.2	67031.20	227525	52.6863 ng/ml
Venlafaxine	5.023	488963	1376.30	33.4	2732.92	472750	49.4588 ng/ml
Xylazine	4.070	172202	36242.12	49.8	991.05	150326	49.5273 ng/ml
Zolpidem	4.913	479198	219.93	29.2	35824.24	384892	54.2239 ng/ml

AM #28 Multi-Drug Quant. Results



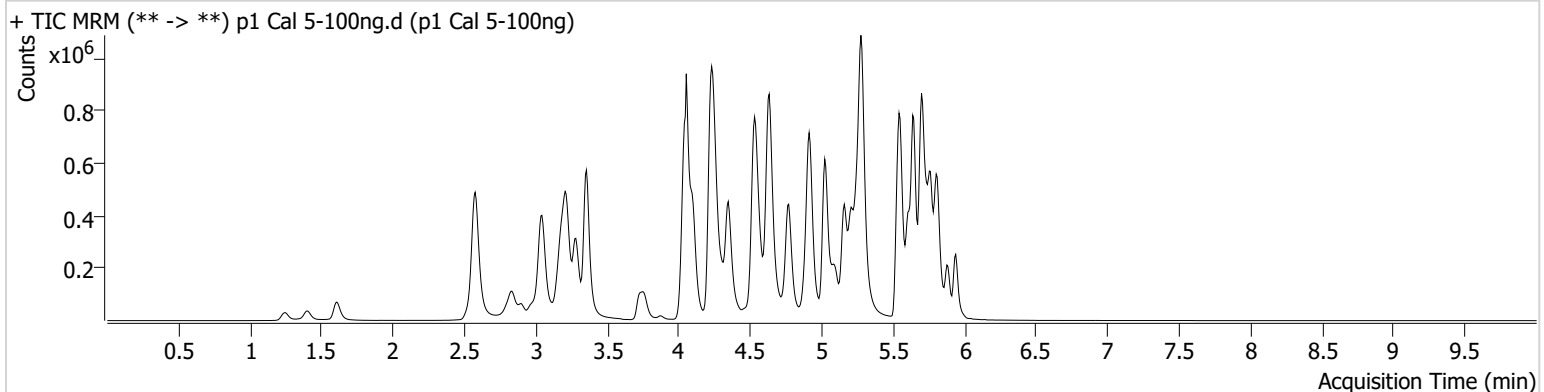
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D12
Injection Volume 2
Acq. Date-Time 9/4/2024 12:23:38 AM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
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	3.123	10303	19768.89	69.8	135.00	29036	10.0279 ng/ml
7-aminoclonazepam	4.244	54827	1920.24	79.7	764.61	29657	90.5516 ng/ml
9-hydroxyrisperidone	4.637	32648	617.25	3167.6	8436.09	414517	97.7987 ng/ml
a-hydroxyalprazolam	5.685	78185	367.51	64.1	1244.06	29619	107.7466 ng/ml
alpha-PHP	4.915	180183	6148.30	253.9	1977.96	242157	105.3340 ng/ml
alpha-PVP	4.349	674491	65612.54	51.8	30045.17	242157	100.2345 ng/ml
Alprazolam	5.762	327754	530.59	103.8	2214.49	118366	103.4532 ng/ml
Amphetamine	3.047	813865	57962.11	50.9	43684.59	124907	98.7956 ng/ml
Benzoylcegonine	3.876	15525	424.34	35.1	323.39	5447	97.4521 ng/ml
Bromazolam	5.800	203549	256830.98	116.6	25950.44	52638	102.7936 ng/ml
Buprenorphine	5.847	17752	30545.04	15.2	2502.15	61946	9.3858 ng/ml
Bupropion	4.772	693010	55551.14	62.4	10133.83	234092	102.9539 ng/ml
Carisoprodol	5.716	325736	37892.46	59.9	∞	144528	97.1001 ng/ml
Citalopram	5.207	497622	1253.45	40.0	133612.19	217534	101.2605 ng/ml
Clonazepam	5.597	267905	18697.72	37.2	19018.57	39291	100.9883 ng/ml
Clonazolam	5.540	213483	211888.21	38.3	54316.04	39291	101.8499 ng/ml
Cocaine	4.250	435045	97104.31	51.4	119758.44	346286	99.4575 ng/ml
Codeine	2.576	43580	10525.10	97.4	168.92	20231	103.7698 ng/ml
Cyclobenzaprine	5.613	387524	3305.77	8.6	7094.95	123921	100.0176 ng/ml
Dextromethorphan	5.257	334181	982.00	79.5	281.76	137961	100.1156 ng/ml
Dextrorphan	4.103	217180	572.87	209.5	56863.92	220826	98.9875 ng/ml
Diazepam	5.940	233184	75674.35	93.7	1107.75	95504	102.6241 ng/ml
Dihydrocodeine	2.554	135568	333.46	63.0	194.50	69635	106.7618 ng/ml
Diphenhydramine	5.285	1355916	2351.06	33.6	13207.27	752699	99.7467 ng/ml
Doxylamine	4.532	1408320	199184.86	98.4	70638.97	516919	100.6006 ng/ml
Duloxetine	5.640	22954	723.56	14.6	288.59	11513	100.0061 ng/ml
EDDP	5.250	330766	21324.38	42.9	6419.75	146805	100.8862 ng/ml
Etizolam	5.800	129611	52881.88	27.8	39505.64	39291	96.6685 ng/ml
Fentanyl	5.090	49653	65511.65	77.3	17002.26	249719	9.9193 ng/ml
Fluorofentanyl	5.144	110588	851.81	41.8	5525.49	2394	9.7672 ng/ml
Fluoxetine	5.693	264107	852.10	8.2	41064.21	102631	98.7712 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	188807	269.51	38.5	155.75	83997	107.1916 ng/ml
Hydromorphone	1.609	129166	2201.49	75.5	12526.34	37961	100.9032 ng/ml
Hydroxyzine	5.697	547232	23118.13	77.6	2383.46	137961	94.6500 ng/ml
Ketamine	4.035	386190	558.35	37.9	323.94	175435	105.7446 ng/ml
Lamotrigine	4.266	230955	23359.34	89.8	488.57	478226	857.9480 ng/ml
Lorazepam	5.733	129908	7075.37	53.1	898.06	102642	93.0992 ng/ml
MDA	3.187	514373	9209.43	28.4	9395.81	154353	103.6027 ng/ml
MDMA	3.282	433471	90778.60	86.3	9850.99	45511	100.4517 ng/ml
Meprobamate	4.896	157908	890.44	27.9	694.52	80284	99.3994 ng/ml
Methadone	5.645	883173	1150.06	51.4	47925.24	337416	99.4470 ng/ml
Methamphetamine	3.216	910286	3053.32	38.5	10943.48	291440	109.7796 ng/ml
Metoprolol	4.306	108187	151423.19	102.7	32011.27	479172	101.5536 ng/ml
Mirtazapine	4.627	843825	2638.06	51.4	1061.00	242157	105.1883 ng/ml
Mitragynine	5.225	174344	756.88	36.0	40884.41	337416	103.4650 ng/ml
Morphine	1.247	31715	1037.39	46.3	571.89	7399	101.9019 ng/ml
Norbuprenorphine	4.979	2704	2911.35	88.5	706.88	11123	9.9407 ng/ml
Nordiazepam	5.887	232190	4098.73	57.9	1487.98	68111	102.7669 ng/ml
Norfentanyl	4.062	80033	2068.24	38.8	∞	297444	9.6826 ng/ml
Norhydrocodone	3.057	44384	453.47	42.5	313.01	27697	97.4825 ng/ml
Noroxycodone	2.900	105911	377.63	49.2	1548.88	36359	103.3852 ng/ml
O-desmethyl-tramadol	3.355	1028384	90631.57	6.3	785.84	513374	99.7920 ng/ml
o-desmethylvenlafaxine	4.054	1076339	63552.14	21.5	1140.95	92546	100.1704 ng/ml
Olanzapine	4.469	75381	461.92	62.4	693.25	20096	102.2820 ng/ml
Oxazepam	5.742	194716	454.69	71.1	610.40	102642	106.8774 ng/ml
Oxycodone	2.831	296445	919.63	28.7	1501.66	123680	101.3886 ng/ml
Oxymorphone	1.399	77352	1240.46	46.5	600.36	27096	102.0304 ng/ml
Phentermine	3.765	236042	∞	4.6	737.58	272613	106.3719 ng/ml
Promethazine	5.537	621654	20576.07	30.2	715.18	298765	98.9742 ng/ml
Pseudoephedrine	2.586	946835	1228.52	16.6	411.48	478226	98.0173 ng/ml
Quetiapine	5.547	631215	24379.72	62.0	108425.60	94567	103.7859 ng/ml
Sertraline	5.769	79030	673.12	89.0	550.06	31184	99.1130 ng/ml
Temazepam	5.810	415847	27127.82	28.0	7757.73	167114	96.0368 ng/ml
Tramadol	4.225	874080	1576.85	4.0	167.89	479172	104.5244 ng/ml
Trazodone	5.157	669275	28410.21	70.5	44238.34	257514	102.0076 ng/ml
Venlafaxine	5.023	976191	33760.13	33.0	1098.51	467612	99.8599 ng/ml
Xylazine	4.063	347468	62449.03	49.6	2308.51	146779	102.4201 ng/ml
Zolpidem	4.913	941589	378523.15	29.5	2782.70	383611	107.5881 ng/ml

AM #28 Multi-Drug Quant. Results



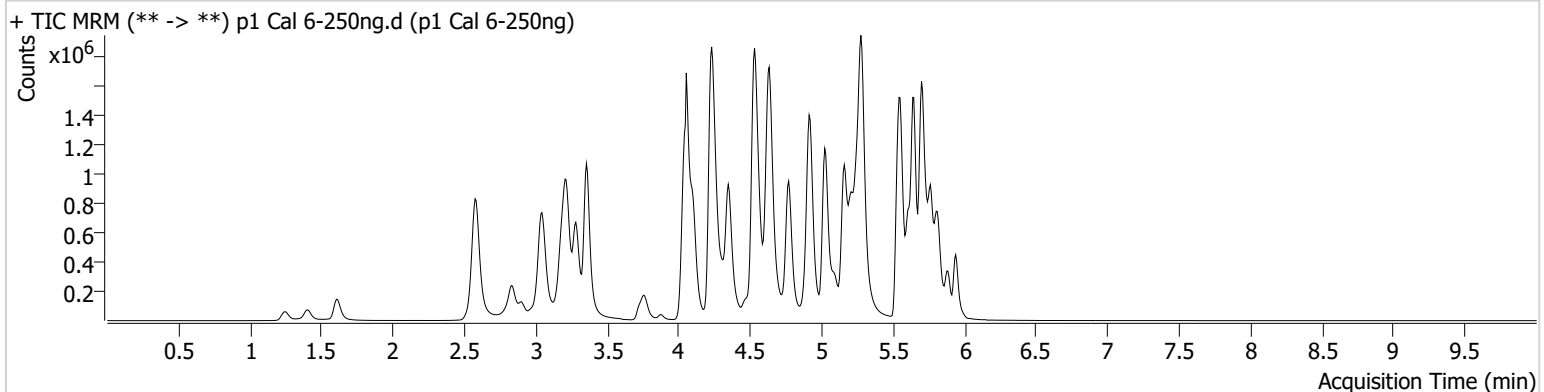
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Calibration Last Update 9/10/2024 2:17:12 PM

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Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C12
Injection Volume 2
Acq. Date-Time 9/4/2024 12:34:16 AM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
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	3.123	23764	690.21	69.9	16854.88	26881	24.9630 ng/ml
7-aminoclonazepam	4.244	78941	∞	78.1	3533.90	19298	203.1160 ng/ml
9-hydroxyrisperidone	4.637	78060	4439.28	3139.5	153623.94	390235	248.5089 ng/ml
a-hydroxyalprazolam	5.685	128662	559.36	64.0	1840.27	21527	245.3646 ng/ml
alpha-PHP	4.922	391488	1090.16	257.0	7837.02	227206	244.8520 ng/ml
alpha-PVP	4.349	1593856	72222.95	52.4	1562.13	227206	252.5697 ng/ml
Alprazolam	5.762	646220	1628.03	104.4	1424.94	95690	252.8243 ng/ml
Amphetamine	3.047	1575258	49870.51	50.2	405.88	115327	209.3051 ng/ml
Benzoylcegonine	3.876	41942	315.56	36.1	19201.96	5574	258.1781 ng/ml
Bromazolam	5.800	358342	229013.50	118.1	362841.00	37279	256.6756 ng/ml
Buprenorphine	5.847	44853	26420.45	14.8	637.68	56642	25.7636 ng/ml
Bupropion	4.772	1648128	70428.88	61.9	116693.20	224061	256.2915 ng/ml
Carisoprodol	5.716	565677	734.96	59.8	2955.93	99056	245.4691 ng/ml
Citalopram	5.207	1118616	6506.43	39.9	32416.83	195326	253.7033 ng/ml
Clonazepam	5.597	427963	113678.26	36.3	66125.48	25997	245.2784 ng/ml
Clonazolam	5.540	339746	312555.76	38.5	33370.64	25997	246.1740 ng/ml
Cocaine	4.250	940385	753.10	51.0	447.91	300627	247.6933 ng/ml
Codeine	2.576	88090	190.25	96.4	136.47	17881	238.5383 ng/ml
Cyclobenzaprine	5.613	907228	171932.90	8.4	184.21	114832	252.5259 ng/ml
Dextromethorphan	5.257	743060	618.76	79.0	2558.28	122863	249.9974 ng/ml
Dextrorphan	4.103	482595	811.62	207.9	3127.89	190789	254.8753 ng/ml
Diazepam	5.940	484889	1231.59	92.9	867.67	82059	248.8522 ng/ml
Dihydrocodeine	2.548	292839	295.80	64.4	181.36	67944	237.7918 ng/ml
Diphenhydramine	5.285	3014942	133101.78	33.9	14787.64	671652	248.5794 ng/ml
Doxylamine	4.532	3441891	14510.62	97.9	138553.97	506044	251.2744 ng/ml
Duloxetine	5.640	47782	2264.03	14.2	1351.66	9597	249.2206 ng/ml
EDDP	5.250	793008	48146.13	42.4	22172.40	142212	249.6841 ng/ml
Etizolam	5.800	264309	14284.50	27.5	4822.94	25997	296.6437 ng/ml
Fentanyl	5.090	132907	554.39	75.9	68217.10	264713	25.0515 ng/ml
Fluorofentanyl	5.144	279204	11407.29	41.9	25362.47	2190	26.9996 ng/ml
Fluoxetine	5.700	536706	171366.32	8.2	7834.81	82052	251.3591 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	432098	1508.66	40.9	∞	84751	243.7579 ng/ml
Hydromorphone	1.609	300981	1314757.38	76.4	1127368.27	36052	247.9212 ng/ml
Hydroxyzine	5.697	1277037	185166.31	78.3	776759.93	122863	246.6160 ng/ml
Ketamine	4.035	810521	28300.21	37.4	759.74	160750	243.4710 ng/ml
Lamotrigine	4.273	350736	26250.99	91.5	62621.69	411809	1528.7073 ng/ml
Lorazepam	5.733	171828	34738.77	53.0	1533.24	58041	218.8998 ng/ml
MDA	3.188	976217	2404.55	28.7	8265.81	126152	242.0307 ng/ml
MDMA	3.282	1006181	196582.61	85.6	91945.84	41959	253.2081 ng/ml
Meprobamate	4.896	271608	187.22	27.6	127.01	67921	203.7262 ng/ml
Methadone	5.645	2073738	112564.22	51.1	79163.30	310770	253.6340 ng/ml
Methamphetamine	3.216	1975455	1678.35	38.6	239.95	302676	238.6039 ng/ml
Metoprolol	4.313	206164	57857.59	105.2	28822.19	455947	204.3922 ng/ml
Mirtazapine	4.627	1936870	265021.36	51.9	106835.29	227206	257.4660 ng/ml
Mitragynine	5.225	398039	1681.00	36.5	157748.81	310770	256.2722 ng/ml
Morphine	1.247	71565	727.61	45.5	∞	6736	253.7590 ng/ml
Norbuprenorphine	4.979	6366	3128.64	91.9	19143.71	10957	23.9032 ng/ml
Nordiazepam	5.887	428937	23271.84	57.1	663.21	51717	250.6817 ng/ml
Norfentanyl	4.069	150360	4674.60	38.9	1724.11	217970	24.7354 ng/ml
Norhydrocodone	3.057	106156	∞	42.4	109.77	25156	255.3166 ng/ml
Noroxycodone	2.900	233707	470.43	48.5	∞	32730	254.1461 ng/ml
O-desmethyl-tramadol	3.355	2424415	176719.40	6.4	878.44	482329	250.3879 ng/ml
o-desmethylvenlafaxine	4.054	2207758	217283.70	21.2	2872.99	74153	256.9437 ng/ml
Olanzapine	4.469	283473	1210.75	61.7	1013.13	30153	256.5615 ng/ml
Oxazepam	5.742	247924	3347.03	70.2	3588.26	58041	241.4175 ng/ml
Oxycodone	2.831	713705	803.10	28.7	547.73	119665	252.7611 ng/ml
Oxymorphone	1.399	184453	535.35	45.4	∞	25527	258.8966 ng/ml
Phentermine	3.765	477908	8035.36	4.7	2669.18	255629	230.9239 ng/ml
Promethazine	5.530	1556015	3519.91	30.1	1021.48	292675	252.7830 ng/ml
Pseudoephedrine	2.586	2075309	60519.13	16.5	822.18	411809	249.4390 ng/ml
Quetiapine	5.553	1400622	236413.02	62.4	122540.50	88100	247.9756 ng/ml
Sertraline	5.769	140951	5060.56	89.1	890.34	22355	246.8254 ng/ml
Temazepam	5.817	603675	14682.12	28.1	4307.48	94839	245.2302 ng/ml
Tramadol	4.225	1936881	∞	3.9	139.34	455947	244.6464 ng/ml
Trazodone	5.157	1636762	102420.78	72.8	68337.87	261203	247.0174 ng/ml
Venlafaxine	5.023	2314006	4775.58	32.8	17455.92	436732	253.4995 ng/ml
Xylazine	4.063	786599	17006.01	50.5	4652.76	135523	251.2088 ng/ml
Zolpidem	4.913	2121222	131647.46	29.3	166610.35	365618	255.2671 ng/ml

AM #28 Multi-Drug Quant. Results



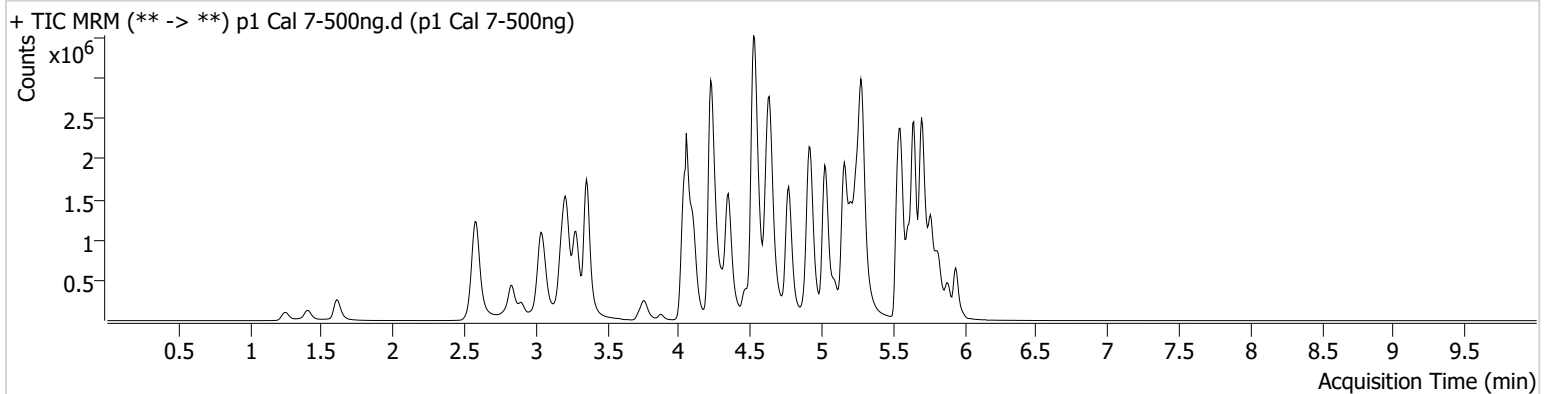
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Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 9/4/2024 12:44:53 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	3.123	45117	92734.27	69.0	2057.31	24207	52.6112 ng/ml
7-aminoclonazepam	4.251	95550	708.59	65.1	430.38	10202	467.9772 ng/ml
9-hydroxyrisperidone	4.637	141895	834.54	3152.7	5676.80	350230	503.4164 ng/ml
a-hydroxyalprazolam	5.678	158139	1036.06	62.7	1003.17	15067	431.7240 ng/ml
alpha-PHP	4.922	648327	1458.14	257.2	7950.90	208470	442.5002 ng/ml
alpha-PVP	4.349	2911215	85554.32	52.2	131021.44	208470	502.8663 ng/ml
Alprazolam	5.762	976399	584.39	102.4	802.48	73665	496.5653 ng/ml
Amphetamine	3.047	2389796	172.23	50.5	111717.29	108949	337.3364 ng/ml
Benzoylcegonine	3.876	84463	2597.07	36.4	2917.06	5671	511.5317 ng/ml
Bromazolam	5.800	480720	377966.99	118.9	464858.52	27404	469.0532 ng/ml
Buprenorphine	5.847	87862	91138.61	14.7	10338.61	50422	56.5759 ng/ml
Bupropion	4.772	3065094	89947.89	62.1	31313.58	216921	492.6260 ng/ml
Carisoprodol	5.716	734266	22777.43	59.6	17441.94	61225	515.1064 ng/ml
Citalopram	5.207	1883733	45617.71	39.7	658.92	165754	503.5827 ng/ml
Clonazepam	5.597	500495	19599.37	36.5	1721.20	17671	422.7662 ng/ml
Clonazolam	5.547	398799	33071.32	37.8	192187.24	17671	425.7524 ng/ml
Cocaine	4.244	1568440	1676.16	51.5	500.72	249642	497.5323 ng/ml
Codeine	2.576	140324	1432.90	96.8	5577.14	15814	430.3988 ng/ml
Cyclobenzaprine	5.613	1601119	31394.66	8.4	13712.32	102907	497.2133 ng/ml
Dextromethorphan	5.257	1211137	61744.33	78.4	323.48	101029	495.5618 ng/ml
Dextrorphan	4.103	815109	43182.89	211.2	3346.64	163542	502.3871 ng/ml
Diazepam	5.940	795819	2613.96	92.0	1039.61	67880	494.0726 ng/ml
Dihydrocodeine	2.548	494610	14298.09	63.0	596.59	66498	411.2320 ng/ml
Diphenhydramine	5.285	5170205	3692.15	33.6	18490.00	559229	511.9925 ng/ml
Doxylamine	4.525	6751698	165752.25	97.0	147092.08	487227	512.0295 ng/ml
Duloxetine	5.633	77349	8164.29	14.7	2126.20	7691	503.0481 ng/ml
EDDP	5.250	1661993	1857.21	42.5	14631.67	148602	500.7856 ng/ml
Etizolam	5.807	418010	1735.83	27.2	121637.46	17671	689.4035 ng/ml
Fentanyl	5.090	275626	28391.90	76.0	189007.17	269833	50.9694 ng/ml
Fluorofentanyl	5.144	531023	44033.01	42.7	3383.37	2238	50.2603 ng/ml
Fluoxetine	5.700	886233	55308.35	8.1	163614.26	67617	503.8621 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	813735	401.43	40.9	735.72	81827	475.9226 ng/ml
Hydromorphone	1.609	568977	1673161.62	76.0	152968.20	33831	499.6817 ng/ml
Hydroxyzine	5.697	2252989	182349.12	79.8	6701.75	101029	528.1233 ng/ml
Ketamine	4.028	1270526	52300.50	37.2	16202.23	144242	426.0601 ng/ml
Lamotrigine	4.273	433021	33663.78	91.5	715.79	338877	2303.7982 ng/ml
Lorazepam	5.733	204612	9000.60	51.6	488.82	29689	510.7099 ng/ml
MDA	3.181	1424469	125610.18	27.9	28576.26	105324	423.8243 ng/ml
MDMA	3.282	1793653	951.21	85.3	120399.77	35781	529.5336 ng/ml
Meprobamate	4.889	362578	56699.99	27.9	25099.76	57222	323.7381 ng/ml
Methadone	5.645	3706829	3769.83	51.5	129997.95	278461	506.0451 ng/ml
Methamphetamine	3.216	3465559	1008.52	38.4	45536.20	298542	430.9629 ng/ml
Metoprolol	4.306	320317	671.71	104.4	72857.52	388945	373.0977 ng/ml
Mirtazapine	4.621	3405274	142126.91	51.0	2374.34	208470	493.4265 ng/ml
Mitragynine	5.225	689330	259.02	36.4	358802.29	278461	495.1861 ng/ml
Morphine	1.247	126900	1327.69	45.7	1201.50	6199	489.6403 ng/ml
Norbuprenorphine	4.979	12367	∞	90.2	7852.18	10171	50.1430 ng/ml
Nordiazepam	5.887	611237	2989.86	56.8	1228.52	37531	492.6821 ng/ml
Norfentanyl	4.069	202947	8043.27	38.7	1515.97	141884	51.2295 ng/ml
Norhydrocodone	3.057	193533	154.25	42.5	169.72	22220	526.0705 ng/ml
Noroxycodone	2.900	416523	1014.07	49.3	2103.36	30294	489.8326 ng/ml
O-desmethyl-tramadol	3.355	4517372	365978.72	6.3	17415.20	443681	507.1734 ng/ml
o-desmethylvenlafaxine	4.054	3209040	267789.67	21.8	13118.22	56364	491.6444 ng/ml
Olanzapine	4.469	783643	3131.93	63.1	4186.02	43325	493.7491 ng/ml
Oxazepam	5.742	253943	3855.82	68.7	255.02	29689	484.0298 ng/ml
Oxycodone	2.825	1375395	7177.30	28.8	348.41	117544	496.1964 ng/ml
Oxymorphone	1.406	344001	∞	45.8	1302.75	25110	491.2178 ng/ml
Phentermine	3.765	821468	2119.60	4.6	3030.94	244440	415.9595 ng/ml
Promethazine	5.530	2990337	99727.29	29.7	1944.82	279362	508.8776 ng/ml
Pseudoephedrine	2.586	3540767	101507.76	16.4	214.73	338877	517.1351 ng/ml
Quetiapine	5.553	2366165	∞	62.6	94102.18	76132	485.3123 ng/ml
Sertraline	5.769	256632	32582.37	89.3	447574.93	20103	499.9077 ng/ml
Temazepam	5.824	702371	10428.69	28.1	5703.22	52550	514.6256 ng/ml
Tramadol	4.225	3277636	1869.40	4.1	360.17	388945	486.2261 ng/ml
Trazodone	5.157	2994344	92397.39	74.4	280.96	273110	432.7700 ng/ml
Venlafaxine	5.023	4214317	133962.25	33.1	20550.78	399184	505.1376 ng/ml
Xylazine	4.063	1414047	185439.32	51.1	921.65	121549	503.5744 ng/ml
Zolpidem	4.920	3699208	218175.56	29.3	801.33	346051	470.9266 ng/ml

AM #28 Multi-Drug Quant. Results



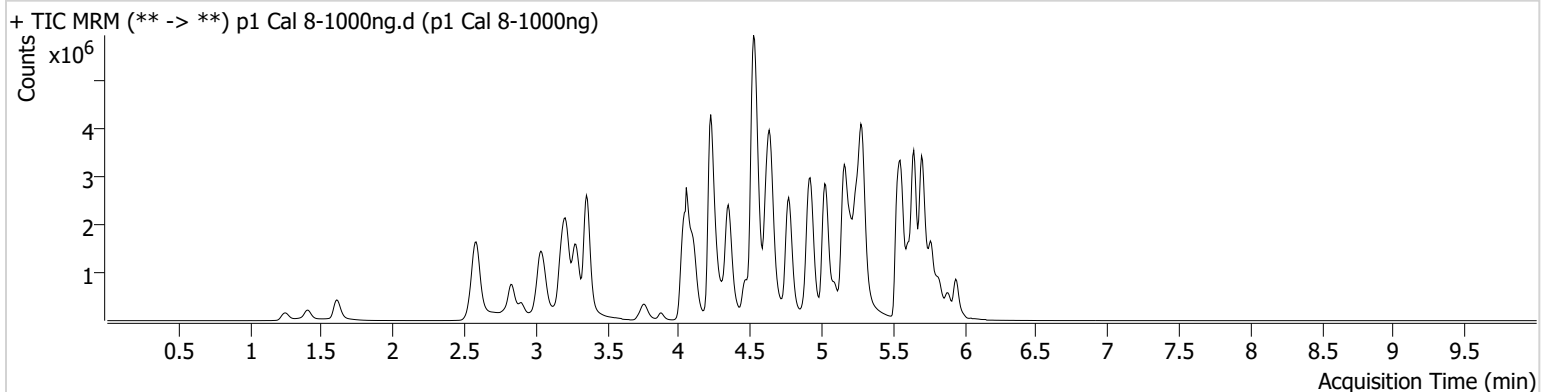
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Calibration Last Update 9/10/2024 2:17:12 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A12
Injection Volume 2
Acq. Date-Time 9/4/2024 12:55:31 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
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	3.123	78901	7543.45	69.6	2066.39	21981	101.3083 ng/ml
7-aminoclonazepam	4.264	96108	1962.40	76.3	1328.31	4448	1082.7154 ng/ml
9-hydroxyrisperidone	4.637	220918	196130.31	3189.2	13960.78	270432	1015.1313 ng/ml
a-hydroxyalprazolam	5.678	170648	3297.42	64.1	528.74	8477	829.0029 ng/ml
alpha-PHP	4.922	921317	11606.84	248.9	236421.39	173805	754.7405 ng/ml
alpha-PVP	4.349	4790324	1494.89	52.1	130987.01	173805	992.5683 ng/ml
Alprazolam	5.769	1282793	236.35	103.7	∞	51603	931.6164 ng/ml
Amphetamine	3.047	3115683	71056.99	50.7	75752.26	93913	511.2398 ng/ml
Benzoylcegonine	3.876	180790	5764.65	36.6	27710.61	6463	961.2022 ng/ml
Bromazolam	5.800	538209	296172.92	118.4	53360.68	15355	937.9863 ng/ml
Buprenorphine	5.847	166538	87704.26	14.9	30377.24	40629	132.9521 ng/ml
Bupropion	4.772	4994189	913526.51	62.3	164669.64	186290	934.9442 ng/ml
Carisoprodol	5.716	808051	392.45	58.8	181.88	30745	1128.3922 ng/ml
Citalopram	5.207	2569310	91292.50	39.5	7716.33	116064	981.0449 ng/ml
Clonazepam	5.590	478608	36001.16	37.2	27842.18	10369	689.5841 ng/ml
Clonazolam	5.561	351379	46648.32	38.9	58778.89	10369	639.6857 ng/ml
Cocaine	4.244	2246021	525.52	50.6	53511.68	174797	1017.5782 ng/ml
Codeine	2.576	207812	77.38	95.0	18567.25	13275	760.0448 ng/ml
Cyclobenzaprine	5.613	2477245	2847.84	8.1	3308.69	78627	1006.7378 ng/ml
Dextromethorphan	5.257	1648217	365.42	77.5	55421.95	68147	999.8358 ng/ml
Dextrorphan	4.103	1239203	31129.45	213.1	67429.47	122040	1023.6981 ng/ml
Diazepam	5.940	1123470	6687.49	94.6	7156.67	48509	976.3452 ng/ml
Dihydrocodeine	2.548	782711	235.02	65.9	43713.85	60049	721.5461 ng/ml
Diphenhydramine	5.285	7637172	3778.43	33.4	929.88	410988	1029.0947 ng/ml
Doxylamine	4.525	11569818	176532.52	96.6	124767.07	424169	1007.9415 ng/ml
Duloxetine	5.633	87818	76178.38	14.5	1347.30	4440	988.9961 ng/ml
EDDP	5.250	2981577	∞	42.2	1034.88	131199	1017.5682 ng/ml
Etizolam	5.807	546282	10992.07	27.9	1338.54	10369	1534.5647 ng/ml
Fentanyl	5.090	585735	11981.65	75.3	69314.80	280323	104.2648 ng/ml
Fluorofentanyl	5.144	930049	91794.80	42.9	5462.28	2064	95.5066 ng/ml
Fluoxetine	5.700	1217466	19701.21	8.2	61805.26	49010	955.1397 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.009	1459193	405.29	39.7	872.58	75254	928.4428 ng/ml
Hydromorphone	1.609	1026163	3182534.33	75.9	2471315.78	30790	990.4252 ng/ml
Hydroxyzine	5.697	3422341	87221.08	79.1	176665.42	68147	1188.2371 ng/ml
Ketamine	4.021	1596104	39227.90	37.4	18017.66	116629	662.5035 ng/ml
Lamotrigine	4.273	383945	851.70	91.8	23403.52	258210	2684.2241 ng/ml
Lorazepam	5.733	253715	25978.68	50.9	352.69	16964	1109.3060 ng/ml
MDA	3.174	1838510	112135.53	28.2	45807.22	79896	721.8742 ng/ml
MDMA	3.282	2655419	18989.73	85.5	60339.70	30072	932.9224 ng/ml
Meprobamate	4.889	394830	∞	27.8	101361.60	45429	444.6359 ng/ml
Methadone	5.645	5809102	2454.72	51.1	70047.97	216784	1018.7352 ng/ml
Methamphetamine	3.216	5225958	8493.91	38.0	73037.00	286486	682.0580 ng/ml
Metoprolol	4.313	467559	227815.65	105.2	16902.50	323351	655.8396 ng/ml
Mirtazapine	4.614	5151599	192706.02	50.9	129609.16	173805	895.4298 ng/ml
Mitragynine	5.218	1076712	651492.82	36.8	503678.33	216784	993.3851 ng/ml
Morphine	1.247	218744	2163.01	44.4	∞	5437	963.0274 ng/ml
Norbuprenorphine	4.979	21471	8725.09	92.7	33545.92	8763	101.1476 ng/ml
Nordiazepam	5.887	754334	29863.21	57.6	24087.38	24581	928.7519 ng/ml
Norfentanyl	4.069	210518	2745.75	40.0	1408.21	67979	110.8474 ng/ml
Norhydrocodone	3.057	312518	∞	42.9	591.81	16842	1119.7530 ng/ml
Noroxycodone	2.900	703282	1135.45	49.4	415.95	25266	992.1830 ng/ml
O-desmethyl-tramadol	3.355	7501886	275327.52	6.4	28857.13	369385	1011.6446 ng/ml
o-desmethylvenlafaxine	4.054	3795777	56980.73	22.2	5803.38	34321	955.3503 ng/ml
Olanzapine	4.469	1700703	8507.19	63.1	12218.08	50463	920.1137 ng/ml
Oxazepam	5.742	271806	582.03	70.0	12023.61	16964	907.2394 ng/ml
Oxycodone	2.825	2525031	∞	28.5	2705.48	111969	956.5935 ng/ml
Oxymorphone	1.399	626746	2016.51	45.7	1708.45	23899	940.6872 ng/ml
Phentermine	3.765	1185757	∞	4.7	488.76	220692	665.6742 ng/ml
Promethazine	5.530	4871691	53649.07	30.4	173361.42	232660	995.3840 ng/ml
Pseudoephedrine	2.586	5417047	75027.96	16.5	58419.35	258210	1038.3086 ng/ml
Quetiapine	5.553	3455604	1181.98	61.7	96815.43	59491	907.5156 ng/ml
Sertraline	5.769	354314	161911.01	87.1	14650.51	13508	1027.3073 ng/ml
Temazepam	5.824	672506	20617.70	29.8	4234.79	23875	1084.2772 ng/ml
Tramadol	4.225	4942030	∞	3.7	1151.27	323351	882.6086 ng/ml
Trazodone	5.164	4988111	263969.51	75.2	203013.28	282045	698.5544 ng/ml
Venlafaxine	5.023	6820198	31722.24	33.0	706.55	322402	1012.2034 ng/ml
Xylazine	4.056	2302703	80797.94	50.8	57230.69	100835	988.5638 ng/ml
Zolpidem	4.920	5741106	683.29	29.4	991.99	300767	841.4653 ng/ml