

Worklist: 6958

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3891	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4052	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4059	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4094	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4116	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4231	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-3023	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-3036	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3040	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3053	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3054	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3084	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3096	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3098	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3120	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3143	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3144	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3147	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

*Case sample M2024-3707-1 from worklist 6948 also ran with this batch.

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

Extraction Date: 10/25/2024
 Panel 1 Plate lot#: 240528
 Mobile phase A: 5mM Amm Form + 0.01% FA
 Blank Blood Lot: Lampire 24C52816
 Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar
 Panel 1 Plate Retest Date: 03/12/2025
 Mobile phase B: 0.01% Formic Acid in MeOH
 Blank Urine Lot: POC021022
 LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- ☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- ☒ 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- ☒ 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- ☒ 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- ☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 6. Transfer **200-450µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate. *Transferred: 250uL*
- ☒ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- ☒ 8. Wait 5 minutes.
- ☒ 9. Add **900uL ethyl acetate.**
- ☒ 10. Wait 5 minutes.
- ☒ 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 12. Add **900uL ethyl acetate.**
- ☒ 13. Wait 5 minutes.
- ☒ 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- ☒ 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 18. 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: It was noticed that the quantifier ion for O-desmethylvenlafaxine was not acquiring fully after the calibrators and QC samples were run. The run was paused and the acquisition method was modified to allow for the ion to acquire properly. The run was restarted from the beginning and ran without issue.

7-aminoclonazepam 5-100 -- calibrators 6,7, and 8 dropped due to accuracy - **Qualitative Only**

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

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

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

Clonazepam 5-500 -- calibrator 8 dropped due to accuracy
Dihydrocodeine 5-500 -- calibrator 8 dropped due to accuracy
Etizolam 5-500 -- calibrator 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
Methamphetamine 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol 5-500 -- calibrator 8 dropped due to accuracy
Norbuprenorphine 1-100 -- calibrator 1 dropped due to poor response
Norfentanyl 0.5-50 -- calibrator 8 dropped due to accuracy
Phentermine 5-500 -- calibrator 8 dropped due to accuracy
Trazodone 5-500 -- calibrator 8 dropped due to accuracy

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2024-4052-1	P2024-3084-2	M2024-4231-1							IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2024-4059-1	P2024-3096-1	P2024-3023-2							IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2024-4094-1	P2024-3098-1								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	M2024-4116-1	P2024-3120-1							IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2024-3036-1	P2024-3143-1							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2024-3040-1	P2024-3144-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2024-3707-1	P2024-3053-1	P2024-3147-2							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2024-3891-2	P2024-3054-1	Neg Urine							IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/23/2024 4:32:56 AM

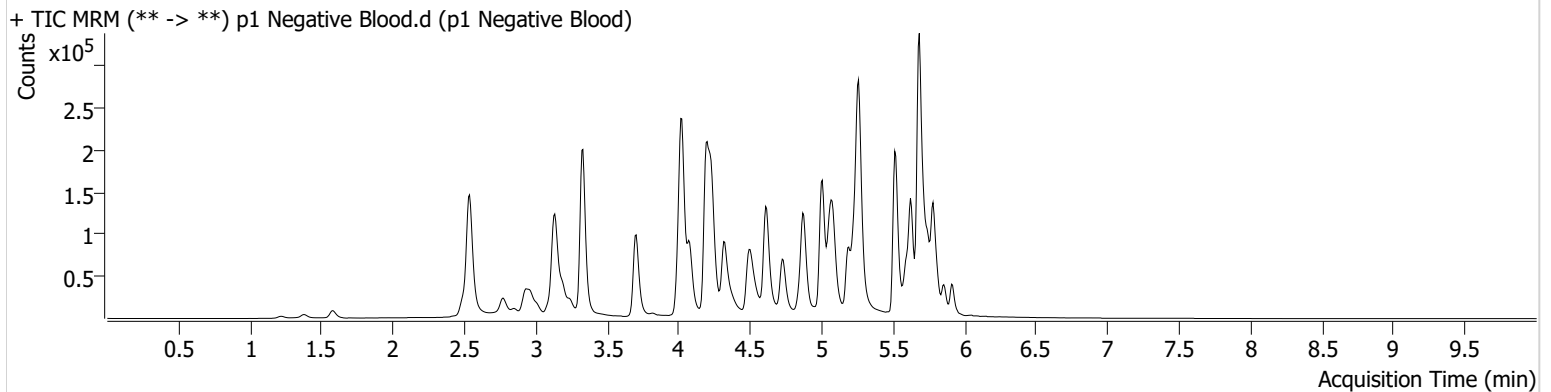
Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P6-F2
Injection Volume 2
Acq. Date-Time 10/18/2024 7:00:22 PM
Sample Info.

Data File
Sample
Operator
Comment

p1 Negative Blood.d
p1 Negative Blood
Tamara Salazar

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

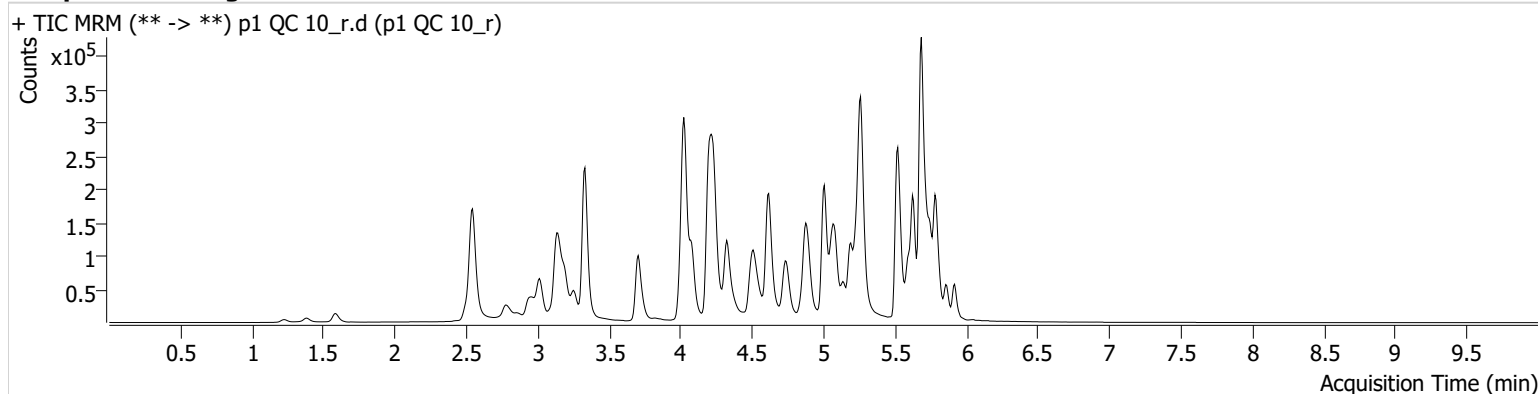
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Calibration Last Update 10/23/2024 4:32:56 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A2
Injection Volume 2
Acq. Date-Time 10/18/2024 5:56:30 PM
Sample Info.

Data File p1 QC 10_r.d
Sample p1 QC 10_r
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.104	892	228.09	57.5	1234.16	21788	1.0387 ng/ml
7-aminoclonazepam	4.232	16509	∞	69.9	138.48	63179	10.4741 ng/ml
9-hydroxyrisperidone	4.619	2731	292.60	3284.6	853.36	360940	8.8802 ng/ml
a-hydroxyalprazolam	5.661	7736	113.05	56.8	641.09	21747	9.7465 ng/ml
alpha-PHP	4.898	16213	173.84	246.9	6154.63	240149	10.0495 ng/ml
alpha-PVP	4.331	58301	43280.39	55.6	425.97	240149	9.5227 ng/ml
Alprazolam	5.745	25202	229.64	94.4	232.53	74969	9.5883 ng/ml
Amphetamine	3.014	106303	3526.10	43.2	510.20	100846	10.1649 ng/ml
Benzoylcegonine	3.851	1348	144.92	39.9	78.32	5718	10.0477 ng/ml
Bromazolam	5.784	19334	22094.99	138.8	27574.44	48659	9.2046 ng/ml
Buprenorphine	5.831	1548	1269.75	14.3	327.32	60568	0.9652 ng/ml
Bupropion	4.747	53686	1038.93	63.2	438.15	183652	9.4647 ng/ml
Carisoprodol	5.693	26178	193.11	88.3	296.62	145977	8.9417 ng/ml
Citalopram	5.190	48884	357.09	29.6	137.36	226981	9.5416 ng/ml
Clonazepam	5.580	22246	6240.70	30.3	7965.69	32332	9.5646 ng/ml
Clonazepam	5.524	15141	16070.21	40.5	6223.29	32332	9.7664 ng/ml
Cocaine	4.232	38447	217.99	57.2	2186.71	364348	9.4261 ng/ml
Codeine	2.549	4427	22956.75	90.6	69.05	16915	10.9165 ng/ml
Cyclobenzaprine	5.596	32284	7851.77	10.1	235.56	129567	9.4849 ng/ml
Dextromethorphan	5.240	26370	2909.11	83.1	96.34	118153	9.2696 ng/ml
Dextrorphan	4.084	16264	528.82	203.5	636.87	176272	9.2970 ng/ml
Diazepam	5.917	18056	160.10	88.1	289.33	73956	9.7035 ng/ml
Dihydrocodeine	2.535	9597	170.77	81.6	14133.12	56168	9.9171 ng/ml
Diphenhydramine	5.261	101860	836.93	34.3	954.18	648740	9.3123 ng/ml
Doxylamine	4.520	90731	361.39	85.9	4923.98	368061	9.2799 ng/ml
Duloxetine	5.623	6327	164.07	13.7	379.43	34103	9.6281 ng/ml
EDDP	5.232	34908	195.92	35.6	2305.75	158737	9.9764 ng/ml
Etizolam	5.784	16695	2662.00	28.1	6386.35	32332	9.1035 ng/ml
Fentanyl	5.072	4788	20.02	55.9	4235.66	261791	0.8916 ng/ml
Fluorofentanyl	5.126	11495	278.76	51.7	427.13	2539	1.0007 ng/ml
Fluoxetine	5.683	74654	5895.07	6.7	1547.28	267462	10.2743 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.997	12633	216.99	49.1	115.79	72764	9.4644 ng/ml
Hydromorphone	1.589	9017	13139.73	88.4	13205.85	31356	9.7792 ng/ml
Hydroxyzine	5.680	53207	2561.03	69.6	4912.17	118153	9.5838 ng/ml
Ketamine	4.016	37412	2493.98	30.6	108.04	155165	10.2710 ng/ml
Lamotrigine	4.241	34529	128.79	84.1	321.66	446158	103.0450 ng/ml
Lorazepam	5.717	20184	608.98	57.3	68.31	132439	9.9519 ng/ml
MDA	3.162	65758	448.89	27.5	579.86	135323	9.9590 ng/ml
MDMA	3.257	42923	752.40	84.0	797.77	36328	9.8690 ng/ml
Meprobamate	4.871	14062	16348.86	34.6	318.69	66514	9.8379 ng/ml
Methadone	5.629	52465	5964.20	79.9	2253.87	245980	9.3046 ng/ml
Methamphetamine	3.190	130008	926.31	33.1	1569.08	276884	9.9663 ng/ml
Metoprolol	4.288	10277	1114.20	118.4	618.29	517359	9.7411 ng/ml
Mirtazapine	4.609	64420	1076.26	70.4	1821.30	240149	9.7467 ng/ml
Mitragynine	5.208	14430	3042.32	37.9	6986.89	245980	9.2213 ng/ml
Morphine	1.233	1096	404.29	147.1	1353.95	2944	9.5004 ng/ml
Norbuprenorphine	4.954	269	148.22	99.0	150.23	9727	1.0355 ng/ml
Nordiazepam	5.864	22281	595.19	49.6	203.10	65808	9.5048 ng/ml
Norfentanyl	4.044	9648	1793.13	38.1	27.27	382357	0.9674 ng/ml
Norhydrocodone	3.038	2321	49.45	42.3	91.05	17470	9.5295 ng/ml
Noroxycodone	2.874	7908	268.25	52.1	477.29	24726	9.7663 ng/ml
O-desmethyl-tramadol	3.330	99150	1277.54	6.3	435.75	533098	9.7076 ng/ml
o-desmethylvenlafaxine	4.029	17703	132.91	369.3	1019.52	70202	9.5468 ng/ml
Olanzapine	4.443	11741	100.83	58.7	141.65	28623	10.0617 ng/ml
Oxazepam	5.726	21226	174.11	70.8	91.74	132439	9.7937 ng/ml
Oxycodone	2.806	18354	278.46	35.9	288.77	84372	9.7867 ng/ml
Oxymorphone	1.386	4746	254.51	51.0	88.84	15341	9.6641 ng/ml
Phentermine	3.740	24894	162.29	3.7	269.41	289980	9.8276 ng/ml
Promethazine	5.520	91076	399.74	32.5	162.81	444527	9.4930 ng/ml
Pseudoephedrine	2.553	87984	2826.90	16.4	2122.66	446158	9.2582 ng/ml
Quetiapine	5.536	51238	283.83	58.8	4264.27	69623	10.0480 ng/ml
Sertraline	5.752	22219	253.31	87.9	1660.73	88411	9.2679 ng/ml
Temazepam	5.787	48701	547.18	28.5	178.74	196264	9.5363 ng/ml
Tramadol	4.207	106606	1618.69	3.4	31.82	517359	9.8023 ng/ml
Trazodone	5.140	60573	2696.43	73.8	148.53	221604	9.6830 ng/ml
Venlafaxine	5.006	89997	555.39	27.5	158.13	455054	9.2898 ng/ml
Xylazine	4.044	35699	4101.34	47.1	311.93	153690	9.7521 ng/ml
Zolpidem	4.895	64163	1221.15	27.6	421.90	315921	9.9505 ng/ml



AM #28 Multi-Drug Quant. Results

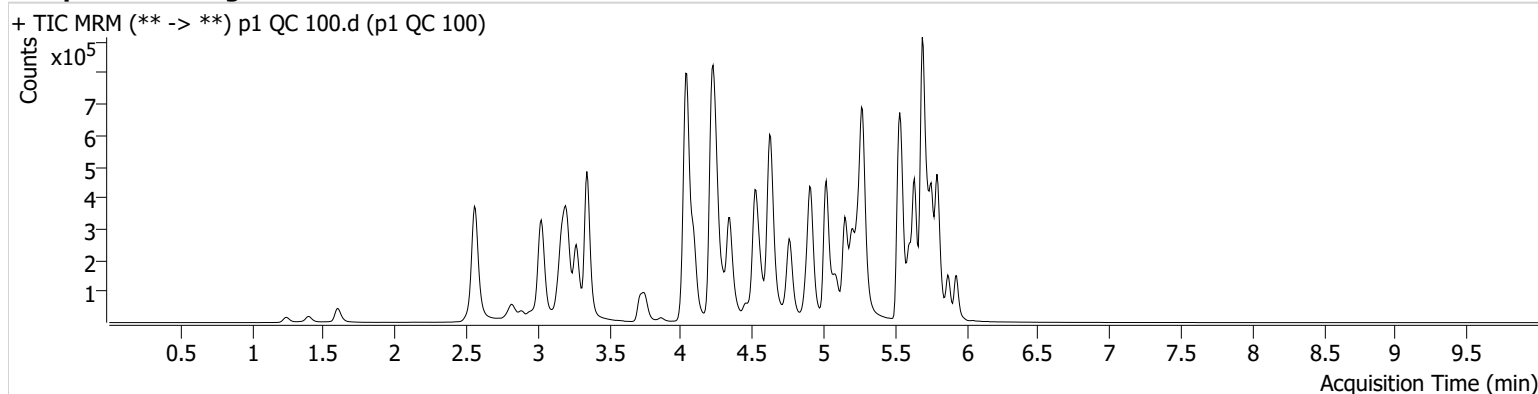
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Calibration Last Update 10/23/2024 4:32:56 AM

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Acq. Method AM 28 MDQ P1.m
Sample Position P6-B2
Injection Volume 2
Acq. Date-Time 10/19/2024 1:23:52 AM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.111	6619	7485.81	73.1	440.76	16967	10.0038 ng/ml
7-aminoclonazepam	4.239	90410	10320.69	68.0	162.77	40973	97.1737 ng/ml
9-hydroxyrisperidone	4.626	23173	582.87	3079.3	8500.75	275923	97.2224 ng/ml
a-hydroxyalprazolam	5.675	53185	516.08	58.5	250.25	16132	100.1300 ng/ml
alpha-PHP	4.911	119732	1999.33	253.0	316.04	188532	103.5483 ng/ml
alpha-PVP	4.344	467431	24469.81	55.1	15032.28	188532	98.1115 ng/ml
Alprazolam	5.752	188859	1993.82	96.4	1212.86	54323	103.4259 ng/ml
Amphetamine	3.028	687389	542.29	42.5	486.39	79616	95.4206 ng/ml
Benzoylcegonine	3.864	11210	624.33	41.6	122.25	4552	105.5575 ng/ml
Bromazolam	5.791	136458	5807.24	133.7	216738.95	33191	103.8492 ng/ml
Buprenorphine	5.838	11325	7500.65	15.2	2229.03	43404	9.9998 ng/ml
Bupropion	4.761	397568	13471.45	63.2	43128.11	130560	102.2428 ng/ml
Carisoprodol	5.707	187671	18543.63	82.8	161.46	98067	91.9787 ng/ml
Citalopram	5.203	364689	5486.25	29.1	540.35	168823	96.4536 ng/ml
Clonazepam	5.587	150086	2075.02	27.2	195.11	22164	104.0900 ng/ml
Clonazepam	5.530	105422	74041.01	40.9	67640.38	22164	106.6331 ng/ml
Cocaine	4.239	296371	77782.46	57.7	241.01	267996	99.2913 ng/ml
Codeine	2.563	30583	290.06	95.1	678.48	13003	107.4897 ng/ml
Cyclobenzaprine	5.610	235445	778.47	10.8	126.31	96464	92.9479 ng/ml
Dextromethorphan	5.253	199666	229004.40	82.1	137047.64	86049	96.7062 ng/ml
Dextrorphan	4.091	128589	782.73	203.5	1057.37	134693	95.0183 ng/ml
Diazepam	5.931	129776	492.70	90.2	382.36	54470	98.4348 ng/ml
Dihydrocodeine	2.535	76006	389.76	80.4	469.02	43898	110.4133 ng/ml
Diphenhydramine	5.274	784225	617.09	35.1	19187.70	482642	96.0798 ng/ml
Doxylamine	4.527	754708	140636.08	96.2	113073.39	304880	95.0324 ng/ml
Duloxetine	5.630	46662	1783.09	12.2	3785.66	24382	99.9948 ng/ml
EDDP	5.239	228526	255.88	39.8	109940.51	100129	104.0304 ng/ml
Etizolam	5.791	119032	5623.96	30.5	1633.22	22164	89.5597 ng/ml
Fentanyl	5.086	38028	6012.65	53.9	16768.33	200814	9.2299 ng/ml
Fluorofentanyl	5.140	90598	4466.65	50.5	494.35	2094	9.5156 ng/ml
Fluoxetine	5.690	518202	57131.58	7.3	22319.77	184279	104.9063 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.004	97581	434.07	50.1	62.65	54015	103.3714 ng/ml
Hydromorphone	1.602	72568	269376.65	87.2	1642.67	24494	101.3328 ng/ml
Hydroxyzine	5.687	407781	553458.50	69.8	1319.97	86049	100.9743 ng/ml
Ketamine	4.030	283331	49818.87	32.0	739.86	123258	105.4094 ng/ml
Lamotrigine	4.255	202713	19126.72	85.6	107816.11	338792	928.2912 ng/ml
Lorazepam	5.723	114559	6650.60	60.9	2044.95	82673	103.5324 ng/ml
MDA	3.176	461553	1561.36	26.9	363.56	102023	100.6613 ng/ml
MDMA	3.270	344503	663.64	85.8	2630.33	28627	102.7622 ng/ml
Meprobamate	4.885	98976	8359.42	33.9	2189.01	52170	98.7950 ng/ml
Methadone	5.635	393959	1104.63	77.6	1176.86	182089	94.3127 ng/ml
Methamphetamine	3.204	654159	1220.32	34.0	615.69	224633	106.9043 ng/ml
Metoprolol	4.301	82639	118135.39	111.6	724.00	412665	106.1104 ng/ml
Mirtazapine	4.616	506859	683.21	71.9	1703.40	188532	100.3001 ng/ml
Mitragynine	5.215	107228	612.04	38.5	24182.18	182089	95.2689 ng/ml
Morphine	1.240	8704	446.77	148.1	128.11	2250	103.0647 ng/ml
Norbuprenorphine	4.975	1852	1375.90	84.4	2839.32	7271	10.5215 ng/ml
Nordiazepam	5.870	161736	603.24	49.4	682.08	47356	101.2536 ng/ml
Norfentanyl	4.058	73712	7403.02	38.7	187.80	279583	9.7517 ng/ml
Norhydrocodone	3.045	26365	258.19	43.3	129.14	14510	111.8949 ng/ml
Noroxycodone	2.888	61484	453.71	49.2	4518.62	18552	104.9476 ng/ml
O-desmethyl-tramadol	3.344	828121	37118.42	6.3	13546.72	432561	99.6768 ng/ml
o-desmethylvenlafaxine	4.042	139046	1376.31	378.6	6452.69	53133	99.8869 ng/ml
Olanzapine	4.457	105786	2091.97	63.7	4975.21	25438	98.3858 ng/ml
Oxazepam	5.733	134654	2055.09	67.8	291.20	82673	105.3068 ng/ml
Oxycodone	2.819	137918	2266.26	33.9	2457.59	58695	108.1709 ng/ml
Oxymorphone	1.399	38592	508.80	51.7	∞	11766	105.2316 ng/ml
Phentermine	3.753	197413	919.35	3.7	77.82	231509	106.0260 ng/ml
Promethazine	5.527	703966	229342.28	32.3	939.63	324617	101.0941 ng/ml
Pseudoephedrine	2.566	686394	714.98	16.8	183.59	338792	95.9401 ng/ml
Quetiapine	5.543	380841	579.12	60.0	153731.63	51909	103.6731 ng/ml
Sertraline	5.759	157474	2270.79	83.9	643.63	59920	98.3186 ng/ml
Temazepam	5.800	306741	20655.89	27.4	1651.19	120267	96.1176 ng/ml
Tramadol	4.220	851104	10438.46	3.5	179.14	412665	104.3478 ng/ml
Trazodone	5.146	465112	228808.62	75.5	312169.50	173580	102.3385 ng/ml
Venlafaxine	5.019	730477	6338.71	26.8	2666.99	348355	98.6045 ng/ml
Xylazine	4.058	273676	130339.93	49.0	2015.87	114946	99.9563 ng/ml
Zolpidem	4.909	501619	592621.33	28.9	1859.53	244757	106.9602 ng/ml



AM #28 Multi-Drug Quant. Results

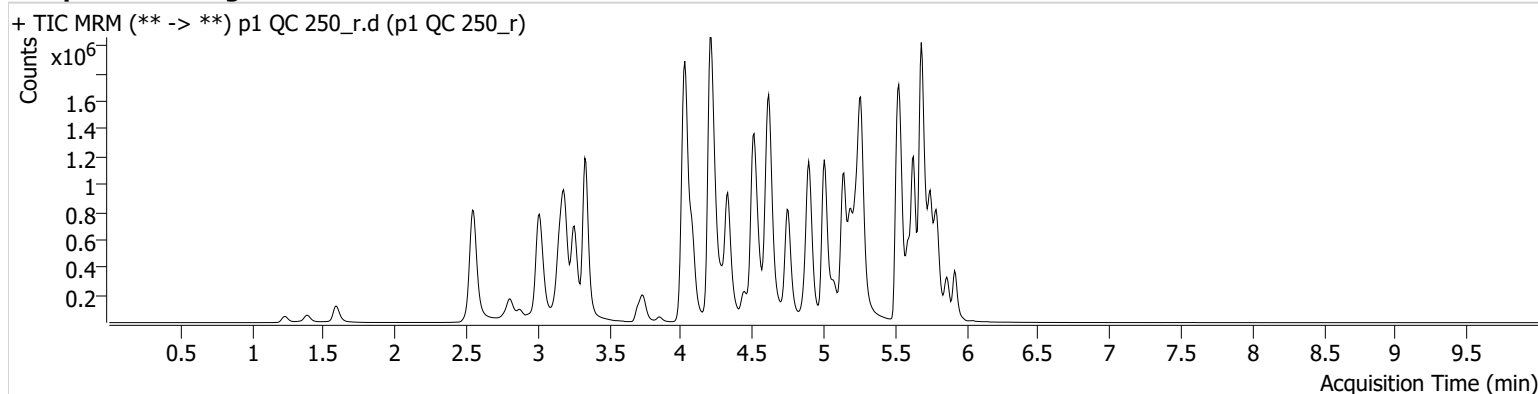
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Injection Volume 2
Acq. Date-Time 10/18/2024 6:17:48 PM
Sample Info.

Data File p1 QC 250_r.d
Sample p1 QC 250_r
Operator Tamara Salazar
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	3.097	22178	2123.88	63.8	24145.60	22124	25.7231 ng/ml
7-aminoclonazepam	4.226	135005	938.56	65.0	2842.52	31280	191.1922 ng/ml
9-hydroxyrisperidone	4.619	72496	1117.15	3204.4	7240.12	352127	238.1378 ng/ml
a-hydroxyalprazolam	5.661	110686	1342.43	60.2	408.83	14721	229.8747 ng/ml
alpha-PHP	4.898	361635	11237.97	253.5	11039.11	233749	253.7935 ng/ml
alpha-PVP	4.331	1485417	1708.29	55.8	1925.66	233749	251.6154 ng/ml
Alprazolam	5.745	489165	2306.66	96.5	749.69	57940	251.8135 ng/ml
Amphetamine	3.014	1823824	129113.71	42.4	34908.02	99417	204.6550 ng/ml
Benzoylcegonine	3.851	37011	433.59	41.8	173.77	6544	242.4695 ng/ml
Bromazolam	5.777	297559	173638.98	135.7	223948.07	30501	247.6905 ng/ml
Buprenorphine	5.831	40984	64446.10	15.2	7998.22	58097	27.0629 ng/ml
Bupropion	4.754	1331547	27867.70	63.9	1339.12	181240	247.2264 ng/ml
Carisoprodol	5.700	377648	∞	82.5	255.55	74071	244.4577 ng/ml
Citalopram	5.190	1160582	1422.81	28.9	1775.89	208497	248.6743 ng/ml
Clonazepam	5.580	307861	36521.39	27.7	79849.82	20111	236.7394 ng/ml
Clonazolam	5.524	216007	242574.44	43.1	89124.02	20111	241.8257 ng/ml
Cocaine	4.232	814418	37810.23	58.3	235.26	302514	241.7930 ng/ml
Codeine	2.549	77853	691.00	95.4	214.35	14143	253.1453 ng/ml
Cyclobenzaprine	5.596	737187	74622.61	9.8	294.56	114075	246.1007 ng/ml
Dextromethorphan	5.240	596029	32617.43	80.4	53816.81	104429	237.9214 ng/ml
Dextrorphan	4.084	387188	1702.92	199.8	723.34	162355	237.1693 ng/ml
Diazepam	5.917	378805	2554.47	88.0	3122.90	62176	252.3765 ng/ml
Dihydrocodeine	2.521	208304	260.92	80.9	4725.31	57388	232.6642 ng/ml
Diphenhydramine	5.261	2355486	1988.76	34.7	633.05	577450	241.1560 ng/ml
Doxylamine	4.514	2559488	2366.95	95.0	723.04	413179	238.1195 ng/ml
Duloxetine	5.623	126737	41029.57	12.3	698.41	26073	254.0910 ng/ml
EDDP	5.232	677642	26154.38	39.4	645.16	121009	255.3267 ng/ml
Etizolam	5.784	317526	2968.48	30.5	1672.78	20111	262.2499 ng/ml
Fentanyl	5.072	132957	492.76	53.9	660.96	278485	23.2699 ng/ml
Fluorofentanyl	5.126	309338	47665.53	49.2	13555.55	2738	24.8394 ng/ml
Fluoxetine	5.683	1360529	3750.87	7.1	183490.56	194795	260.7874 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.990	286761	∞	52.8	198.65	67463	243.9273 ng/ml
Hydromorphone	1.589	218725	302620.82	88.4	1535.65	29841	250.7921 ng/ml
Hydroxyzine	5.680	1215899	69087.73	72.5	14490.33	104429	248.1050 ng/ml
Ketamine	4.010	782137	62978.05	32.4	531.80	148963	241.8984 ng/ml
Lamotrigine	4.248	377088	1057.44	84.7	25074.92	381940	1544.4476 ng/ml
Lorazepam	5.717	165556	1793.37	61.1	2661.75	56787	219.6030 ng/ml
MDA	3.155	1085922	6779.23	26.4	243.13	103936	233.7223 ng/ml
MDMA	3.257	1062903	1690.14	84.8	1756.81	35216	258.1020 ng/ml
Meprobamate	4.871	213933	1805.32	33.6	114.55	54943	204.1516 ng/ml
Methadone	5.629	1225570	1419.06	80.9	2550.25	229394	232.8821 ng/ml
Methamphetamine	3.190	1889762	2843.25	33.6	5057.91	293227	247.1015 ng/ml
Metoprolol	4.288	227396	236734.89	113.7	204003.67	482555	250.8724 ng/ml
Mirtazapine	4.602	1572128	164091.87	70.9	38972.97	233749	251.3566 ng/ml
Mitragynine	5.208	347294	473093.96	37.4	4025.58	229394	245.3979 ng/ml
Morphine	1.233	25738	664.29	146.1	620.59	2675	257.0728 ng/ml
Norbuprenorphine	4.961	5881	2310.09	85.2	4860.82	9161	26.6904 ng/ml
Nordiazepam	5.864	398899	16113.72	51.6	625.57	47653	249.0317 ng/ml
Norfentanyl	4.044	188188	7363.20	39.5	726.44	267670	25.9414 ng/ml
Norhydrocodone	3.031	74716	583.73	38.4	525.94	17381	262.7251 ng/ml
Noroxycodone	2.874	177640	1684.50	47.7	1474.45	22128	254.7757 ng/ml
O-desmethyl-tramadol	3.337	2583003	2217.23	6.4	1219.44	534611	251.5151 ng/ml
o-desmethylvenlafaxine	4.029	377009	3106.83	374.1	22924.00	57370	250.9626 ng/ml
Olanzapine	4.443	432810	30735.80	62.7	1494.75	40976	249.2844 ng/ml
Oxazepam	5.726	221937	3574.76	68.7	948.20	56787	253.5663 ng/ml
Oxycodone	2.806	471905	1695.05	34.6	3036.77	88012	247.1542 ng/ml
Oxymorphone	1.386	123574	∞	48.8	590.83	15653	253.6891 ng/ml
Phentermine	3.740	546588	503.18	3.3	228.14	287970	237.1566 ng/ml
Promethazine	5.520	2197918	1795.91	33.0	3587.48	416599	246.0372 ng/ml
Pseudoephedrine	2.553	1924959	120876.67	16.9	41625.00	381940	238.7958 ng/ml
Quetiapine	5.536	1123537	165080.75	60.9	1440826.51	63502	250.5651 ng/ml
Sertraline	5.752	404923	23544.55	86.5	17206.96	62055	244.3334 ng/ml
Temazepam	5.794	547037	7957.19	28.0	499.41	79685	258.3664 ng/ml
Tramadol	4.206	2481988	42442.97	3.5	478.41	482555	261.2604 ng/ml
Trazodone	5.140	1503767	1739.39	77.3	628585.50	236715	243.7795 ng/ml
Venlafaxine	5.006	2286825	1471.14	27.3	1035.90	450008	238.9756 ng/ml
Xylazine	4.044	844642	151340.72	49.0	1131.43	140218	252.8918 ng/ml
Zolpidem	4.895	1525592	4000866.32	28.3	175.45	312465	255.8083 ng/ml



AM #28 Multi-Drug Quant. Results

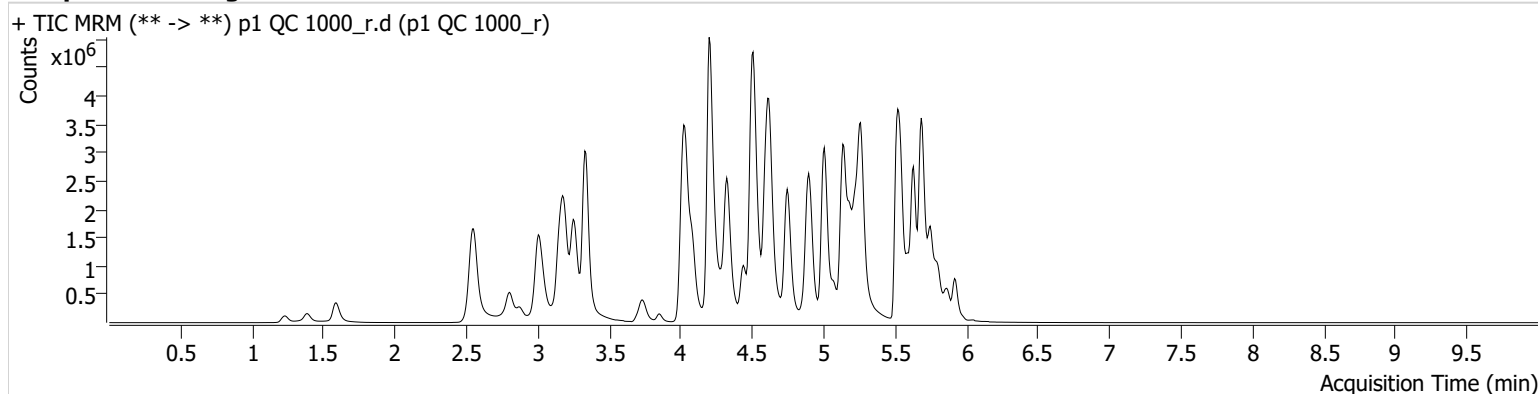
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Calibration Last Update 10/23/2024 4:32:56 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D2
Injection Volume 2
Acq. Date-Time 10/18/2024 6:39:06 PM
Sample Info.

Data File p1 QC 1000_r.d
Sample p1 QC 1000_r
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.097	74553	2048.89	68.7	87736.92	18214	105.0686 ng/ml
7-aminoclonazepam	4.239	136309	3043.80	68.4	700.00	8463	716.6495 ng/ml
9-hydroxyrisperidone	4.619	221584	18884.58	3242.1	309762.11	262008	977.8103 ng/ml
a-hydroxyalprazolam	5.661	159099	193.30	59.9	445.30	5837	836.5148 ng/ml
alpha-PHP	4.898	946482	13321.66	253.0	95708.01	185820	838.0231 ng/ml
alpha-PVP	4.324	4684878	1518.92	56.8	3395.30	185820	998.5408 ng/ml
Alprazolam	5.745	973366	213.06	100.7	972.47	33123	877.6242 ng/ml
Amphetamine	3.014	3793956	81467.99	43.1	91536.50	84266	504.7335 ng/ml
Benzoylcegonine	3.851	149409	1369.46	43.2	1480.22	6838	936.9606 ng/ml
Bromazolam	5.777	514583	3699.08	135.8	414100.30	14406	909.3221 ng/ml
Buprenorphine	5.831	158542	235806.62	15.0	29715.14	47644	127.7184 ng/ml
Bupropion	4.747	4299706	76138.80	64.1	2837.29	157116	921.9539 ng/ml
Carisoprodol	5.700	512389	27944.22	83.7	453.02	22011	1114.8603 ng/ml
Citalopram	5.183	2856081	24155.24	29.8	68690.49	131684	969.1711 ng/ml
Clonazepam	5.573	394751	19519.39	27.9	4640.72	8876	689.9220 ng/ml
Clonazolam	5.537	255818	133420.93	43.7	495.16	8876	650.2601 ng/ml
Cocaine	4.225	2142197	1929534.18	57.0	606.68	191602	1004.3217 ng/ml
Codeine	2.549	196739	1470.07	91.0	3794.09	10180	891.7473 ng/ml
Cyclobenzaprine	5.596	1779502	1756.71	10.0	22285.23	71749	944.5208 ng/ml
Dextromethorphan	5.233	1487407	3705.25	79.6	1771.50	62588	990.7810 ng/ml
Dextrorphan	4.077	1090269	622.08	205.4	178739.76	111036	976.1098 ng/ml
Diazepam	5.917	965025	1451.22	87.1	760.28	39105	1023.5645 ng/ml
Dihydrocodeine	2.515	580140	10710.51	81.1	1331.99	52172	715.0098 ng/ml
Diphenhydramine	5.261	6408327	191145.33	34.8	1977.95	378890	999.8180 ng/ml
Doxylamine	4.507	9265815	229220.19	93.9	2007.88	374083	952.7411 ng/ml
Duloxetine	5.616	208050	15581.38	12.2	778.12	11031	986.1009 ng/ml
EDDP	5.225	2174180	517.47	39.8	4342.60	99236	999.0969 ng/ml
Etizolam	5.784	737858	4803.43	30.1	3549.77	8876	1378.4314 ng/ml
Fentanyl	5.072	550515	30612.63	52.6	375742.57	280859	95.5352 ng/ml
Fluorofentanyl	5.126	950657	42206.24	51.2	1039.76	2323	89.9469 ng/ml
Fluoxetine	5.683	2518140	57416.22	6.9	183142.39	90211	1042.7271 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.983	1021211	∞	50.2	901.54	61063	961.2406 ng/ml
Hydromorphone	1.589	746280	2950001.03	87.1	1595642.46	24757	1031.5991 ng/ml
Hydroxyzine	5.680	3034812	578911.75	75.1	688296.03	62588	1033.2822 ng/ml
Ketamine	4.003	1826708	344.09	32.3	515.49	113192	745.3197 ng/ml
Lamotrigine	4.248	464291	29166.26	85.8	56815.27	246690	2961.8901 ng/ml
Lorazepam	5.717	192579	11575.70	60.4	4391.52	14517	1004.9749 ng/ml
MDA	3.148	2166246	102311.34	26.0	243.19	65457	742.3930 ng/ml
MDMA	3.257	3008088	193266.58	84.4	135577.76	25544	1007.7347 ng/ml
Meprobamate	4.864	378671	30715.99	33.9	2409.43	40112	496.8422 ng/ml
Methadone	5.629	3633213	1410.95	77.3	∞	162180	976.4818 ng/ml
Methamphetamine	3.183	5369465	42747.06	33.7	23516.76	287253	733.1736 ng/ml
Metoprolol	4.288	509754	994.22	115.5	1077914.65	393739	690.7594 ng/ml
Mirtazapine	4.596	4529617	145844.02	70.8	781724.64	185820	911.7692 ng/ml
Mitragynine	5.201	939102	2541.95	38.7	405051.39	162180	939.4296 ng/ml
Morphine	1.233	76611	986.64	142.0	∞	2247	912.1563 ng/ml
Norbuprenorphine	4.961	20542	191.78	87.0	116.31	8795	97.4210 ng/ml
Nordiazepam	5.864	754963	11030.22	49.8	12043.77	24788	907.6525 ng/ml
Norfentanyl	4.044	323325	19190.38	39.7	1309.87	93150	127.9247 ng/ml
Norhydrocodone	3.031	231454	317.89	44.5	213.97	12361	1139.5674 ng/ml
Noroxycodone	2.874	520755	880.73	48.5	580.27	17759	931.6790 ng/ml
O-desmethyl-tramadol	3.330	8518061	870812.02	6.4	226177.77	428733	1034.1801 ng/ml
o-desmethylvenlafaxine	4.022	785575	13786.53	370.3	130025.76	29957	1001.7096 ng/ml
Olanzapine	4.437	1937885	177680.44	64.4	22702.58	48143	948.8823 ng/ml
Oxazepam	5.719	211318	125230.33	71.4	2481.07	14517	946.1513 ng/ml
Oxycodone	2.799	1685001	1013.79	34.8	3417.77	82310	944.3332 ng/ml
Oxymorphone	1.386	414892	∞	51.5	∞	14061	948.9333 ng/ml
Phentermine	3.733	1463378	555.58	3.3	181.17	252701	725.4835 ng/ml
Promethazine	5.513	6420429	202334.31	32.7	45364.73	299304	1000.5625 ng/ml
Pseudoephedrine	2.553	5234025	174512.64	16.7	914.54	246690	1005.5582 ng/ml
Quetiapine	5.536	2739648	129340.81	62.9	145848.58	44176	879.2557 ng/ml
Sertraline	5.752	798851	88450.57	83.1	33896.31	29507	1014.2122 ng/ml
Temazepam	5.800	671803	56387.54	28.0	7421.74	24458	1033.1430 ng/ml
Tramadol	4.200	6922254	369673.34	3.5	1162.59	393739	894.6903 ng/ml
Trazodone	5.140	4492320	397615.26	79.6	1980301.80	239523	721.3710 ng/ml
Venlafaxine	5.006	7427069	1058.28	26.4	55757.90	346046	1009.3441 ng/ml
Xylazine	4.037	2599755	1297.67	49.7	27461.08	108580	1005.1860 ng/ml
Zolpidem	4.900	4495557	1160.15	27.9	509356.65	261948	900.9915 ng/ml



AM #28 Multi-Drug Quant. Results

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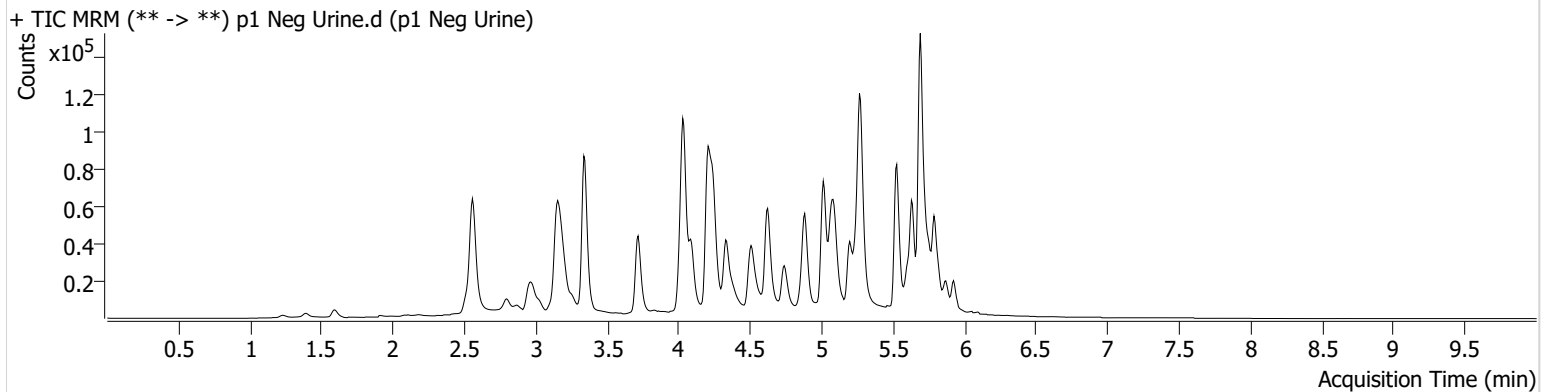
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Acq. Date-Time 10/19/2024 1:45:11 AM
Sample Info.

Data File
Sample
Operator
Comment

p1 Neg Urine.d
p1 Neg Urine
Tamara Salazar

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Sample Chromatogram





AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/23/2024 4:32:56 AM

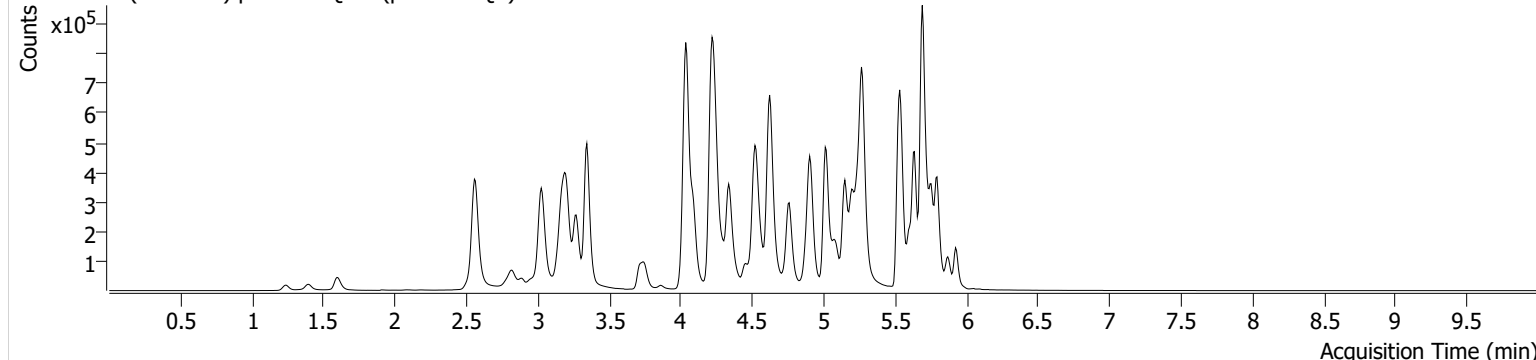
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Acq. Method AM 28 MDQ P1.m
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Sample Info.

Data File p1 Urine QC.d
Sample p1 Urine QC
Operator Tamara Salazar
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

+ TIC MRM (** -> **) p1 Urine QC.d (p1 Urine QC)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.111	7189	1723.18	68.4	19157.44	18447	9.9933 ng/ml
7-aminoclonazepam	4.239	92426	79.05	67.6	4687.57	42422	95.9311 ng/ml
9-hydroxyrisperidone	4.626	24894	22032.24	3144.4	11192.62	301556	95.5656 ng/ml
a-hydroxyalprazolam	5.668	45384	241.12	57.3	500.87	12705	108.5919 ng/ml
alpha-PHP	4.911	123665	718.97	254.8	2758.53	197514	102.0708 ng/ml
alpha-PVP	4.338	494641	3730.83	56.0	579.45	197514	99.1022 ng/ml
Alprazolam	5.752	176697	∞	94.8	4009.48	51518	102.0273 ng/ml
Amphetamine	3.028	723486	14808.59	44.0	19929.06	84458	94.6607 ng/ml
Benzoylcegonine	3.857	12893	443.54	42.4	118.61	5650	97.8022 ng/ml
Bromazolam	5.791	121237	3885.45	132.0	9408.91	29305	104.5056 ng/ml
Buprenorphine	5.838	11364	5492.62	14.7	2981.85	43644	9.9788 ng/ml
Bupropion	4.761	439557	1022.70	63.1	729.26	146861	100.4874 ng/ml
Carisoprodol	5.700	169565	1807.54	82.3	5172.79	84990	95.8773 ng/ml
Citalopram	5.196	416212	574.00	29.2	395.09	187429	99.1550 ng/ml
Clonazepam	5.587	86877	897.12	28.7	1079.38	12060	110.8095 ng/ml
Clonazepam	5.530	93638	10895.86	42.5	31043.01	12060	174.5890 ng/ml
Cocaine	4.239	302049	872.68	57.0	3048.68	273478	99.1653 ng/ml
Codeine	2.563	31349	249.04	94.4	3579.05	13611	105.2353 ng/ml
Cyclobenzaprine	5.603	218800	15758.44	10.2	1727.82	87722	94.9843 ng/ml
Dextromethorphan	5.253	217750	444.52	82.1	676.43	97954	92.6452 ng/ml
Dextrorphan	4.091	138185	1852.94	200.7	761.16	142681	96.3904 ng/ml
Diazepam	5.924	123101	318.04	88.5	840.64	48933	103.9606 ng/ml
Dihydrocodeine	2.542	75483	226.82	82.5	281.18	47460	101.3370 ng/ml
Diphenhydramine	5.275	854155	19431.78	35.0	68464.77	523454	96.4880 ng/ml
Doxylamine	4.527	849366	1686.89	93.9	34564.73	342477	95.2109 ng/ml
Duloxetine	5.630	53722	3215.12	12.2	648.39	28418	98.7765 ng/ml
EDDP	5.239	241487	585.99	39.7	221.40	111730	98.5130 ng/ml
Etizolam	5.791	113822	44766.28	29.4	1077.89	12060	156.9852 ng/ml
Fentanyl	5.079	41611	2434.45	53.6	885.57	223947	9.0564 ng/ml
Fluorofentanyl	5.140	103535	678.25	49.6	6083.74	2377	9.5781 ng/ml
Fluoxetine	5.690	576489	22441.00	7.1	351.37	204858	104.9820 ng/ml



AM #28 Multi-Drug Quant. Results

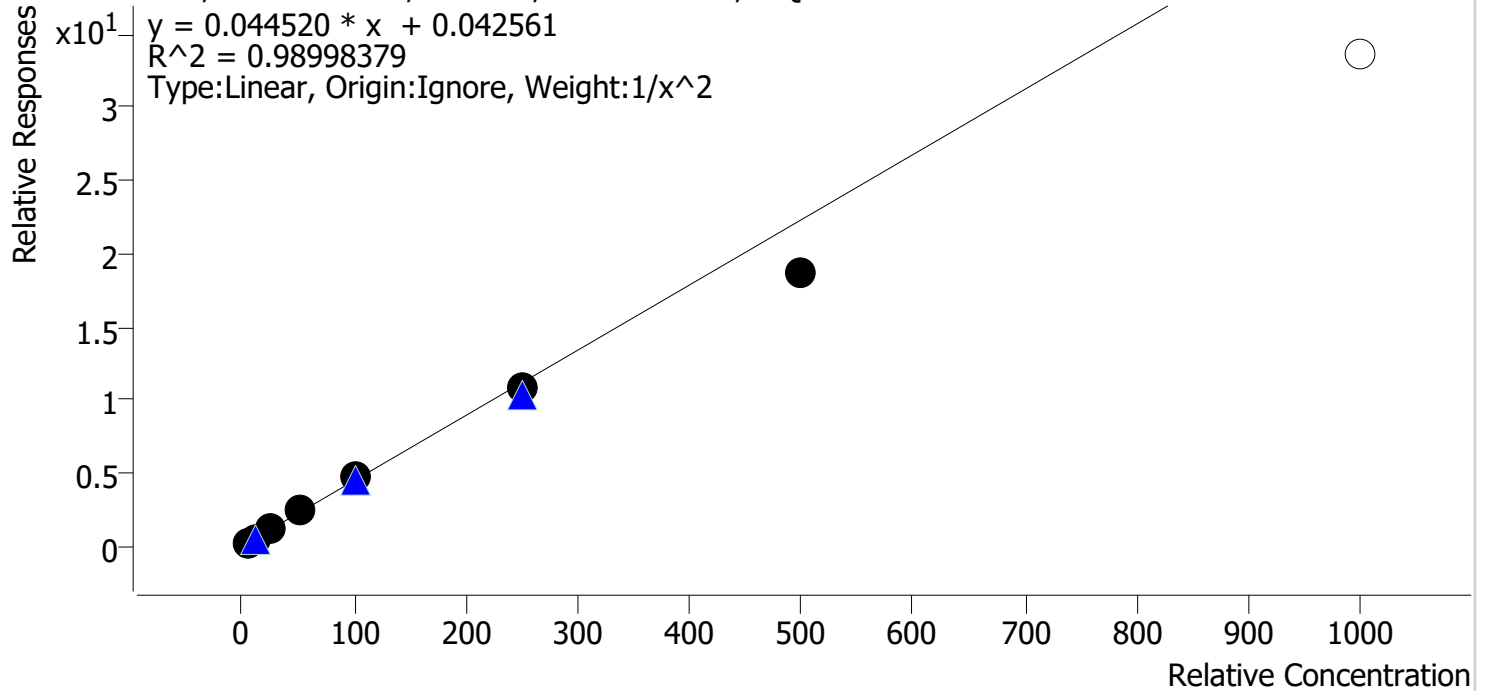
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.004	106634	226.34	49.1	60.93	57578	105.9854 ng/ml
Hydromorphone	1.602	73919	236754.13	87.8	5423.88	25448	99.3502 ng/ml
Hydroxyzine	5.687	437820	9004.27	72.0	15826.90	97954	95.2355 ng/ml
Ketamine	4.023	294855	14732.94	32.3	516.65	127413	106.1260 ng/ml
Lamotrigine	4.255	204174	862.30	84.8	468.23	346633	913.5290 ng/ml
Lorazepam	5.724	75760	2696.53	59.5	74.72	57658	98.0888 ng/ml
MDA	3.169	441160	4473.04	27.5	3091.46	98776	99.3635 ng/ml
MDMA	3.270	355240	74939.42	86.1	1663.70	29057	104.4005 ng/ml
Meprobamate	4.885	84808	242.39	33.0	479.47	42647	103.6194 ng/ml
Methadone	5.635	399327	3314.79	81.1	13878.48	190759	91.2527 ng/ml
Methamphetamine	3.204	672182	3051.33	34.0	642.65	230938	106.8465 ng/ml
Metoprolol	4.295	86158	1559.37	112.2	3132.49	431908	105.6972 ng/ml
Mirtazapine	4.616	541206	4716.41	71.6	22353.93	197514	102.2323 ng/ml
Mitragynine	5.215	144582	1057.03	38.5	37297.32	190759	122.7034 ng/ml
Morphine	1.240	9670	708.10	146.2	1971.78	2604	98.9388 ng/ml
Norbuprenorphine	4.968	1994	352.70	92.2	741.57	7189	11.4675 ng/ml
Nordiazepam	5.870	117093	4310.59	49.5	3255.92	33675	103.0990 ng/ml
Norfentanyl	4.051	74386	1113.13	39.7	1831.55	279914	9.8290 ng/ml
Norhydrocodone	3.045	23514	254.89	42.9	140.35	15051	96.4069 ng/ml
Noroxycodone	2.888	66894	1228.33	49.4	400.27	21298	99.4383 ng/ml
O-desmethyl-tramadol	3.344	852069	34946.30	6.4	2017.24	441367	100.5129 ng/ml
o-desmethylvenlafaxine	4.036	142553	755.27	383.1	6912.26	56803	95.7870 ng/ml
Olanzapine	4.457	168877	1344.59	64.1	1432.79	40811	97.9002 ng/ml
Oxazepam	5.733	89785	840.22	66.3	96.09	57658	100.6516 ng/ml
Oxycodone	2.819	164669	1428.56	35.2	915.81	74895	101.1994 ng/ml
Oxymorphone	1.392	42828	400.41	51.2	∞	13283	103.4390 ng/ml
Phentermine	3.753	199348	1958.67	3.6	323.68	232839	106.4573 ng/ml
Promethazine	5.527	678790	173374.67	33.0	9589.09	319929	98.9056 ng/ml
Pseudoephedrine	2.566	693456	1051.59	17.0	3868.68	346633	94.7334 ng/ml
Quetiapine	5.543	390564	865.44	60.9	22485.13	57396	96.1275 ng/ml
Sertraline	5.759	109005	3339.08	84.0	11758.16	41335	98.6576 ng/ml
Temazepam	5.794	206201	901.17	29.9	604.97	83114	93.5022 ng/ml
Tramadol	4.213	884357	10931.94	3.5	176.50	431908	103.5892 ng/ml
Trazodone	5.146	502424	34466.13	76.9	53679.69	192921	99.4414 ng/ml
Venlafaxine	5.012	786000	489.07	26.5	331.12	371791	99.4113 ng/ml
Xylazine	4.051	285619	3992.60	49.2	414.66	121000	99.0984 ng/ml
Zolpidem	4.902	541251	203.67	28.7	4591.27	258139	109.4448 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

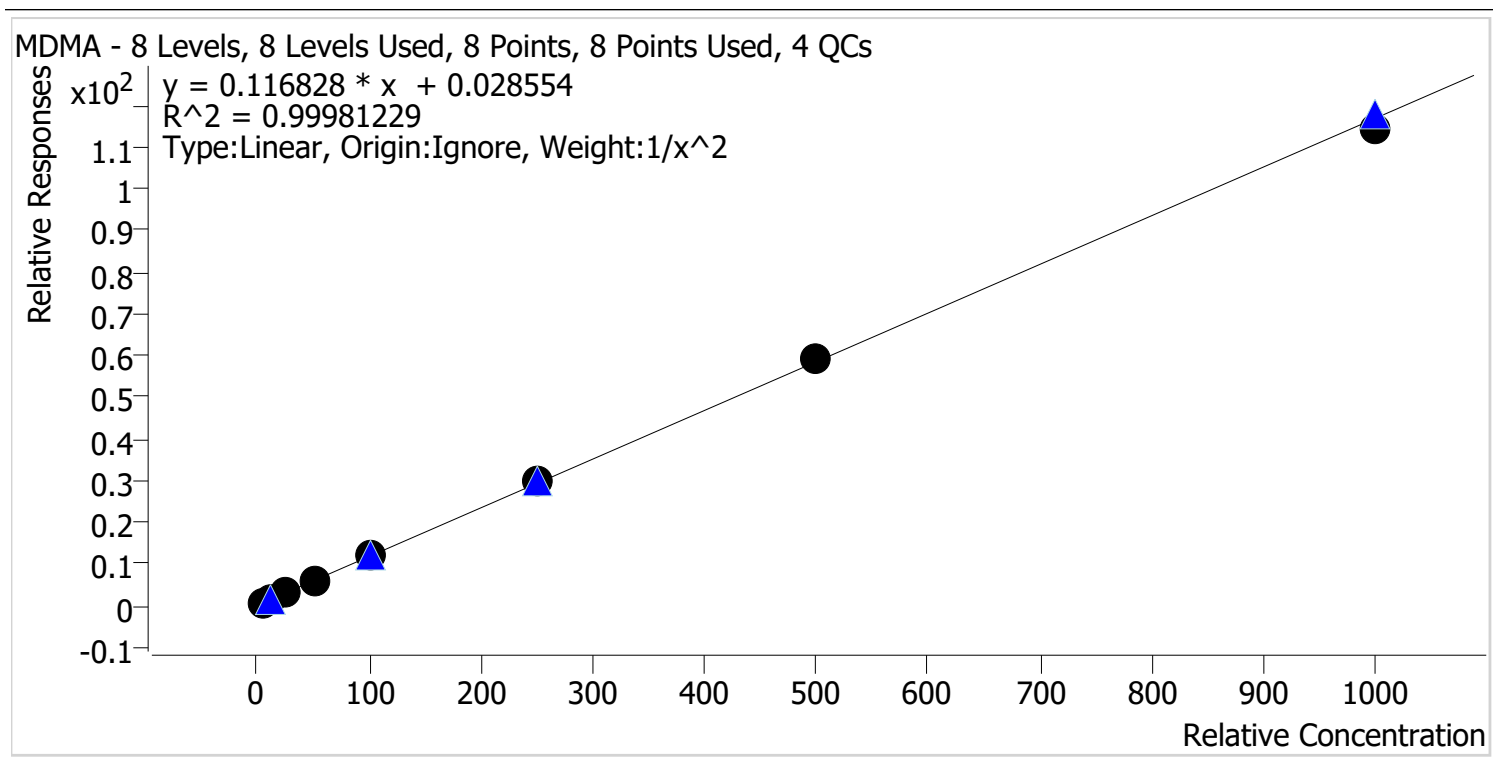


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng r	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng_r	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng_r	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng_r	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng_r	6	✓	250.0	240.9	96.4
p1 Cal 7-500ng_r	7	✓	500.0	420.8	84.2
p1 Cal 8-1000ng_r	8	✗	1000.0	753.2	75.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



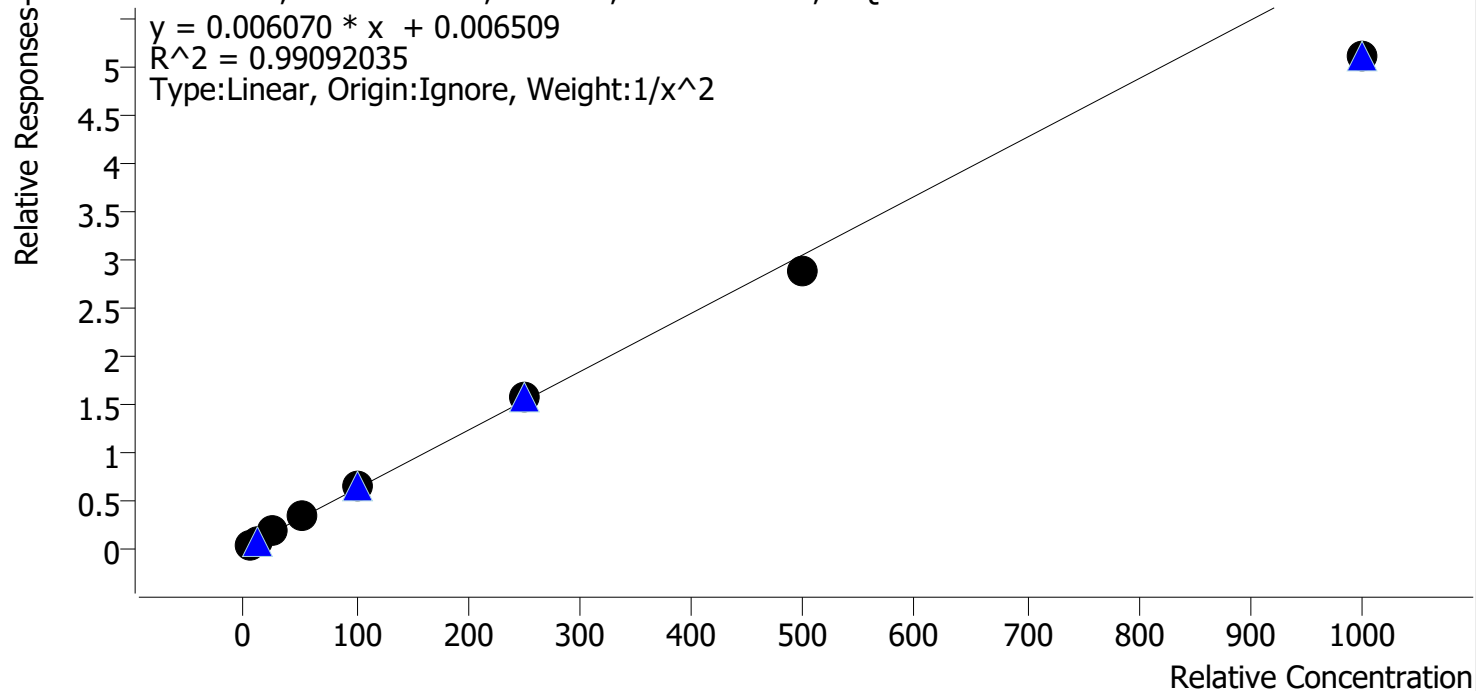
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng_r	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng_r	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng_r	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng_r	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng_r	8	✓	1000.0	976.5	97.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

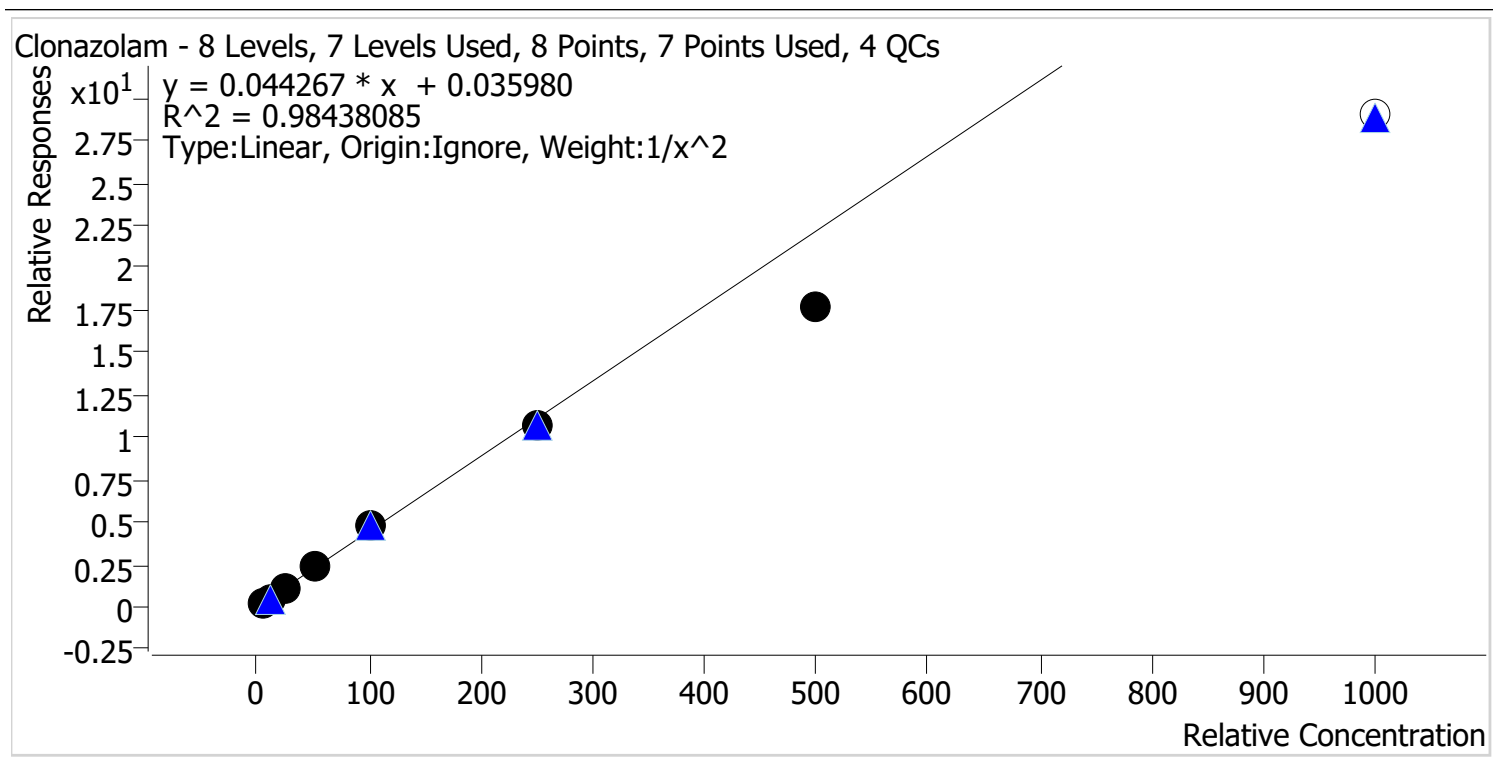


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng r	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng_r	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng_r	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng_r	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng_r	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng_r	7	✓	500.0	469.4	93.9
p1 Cal 8-1000ng_r	8	✓	1000.0	836.9	83.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Clonazepam Internal Standard Clonazepam-D4



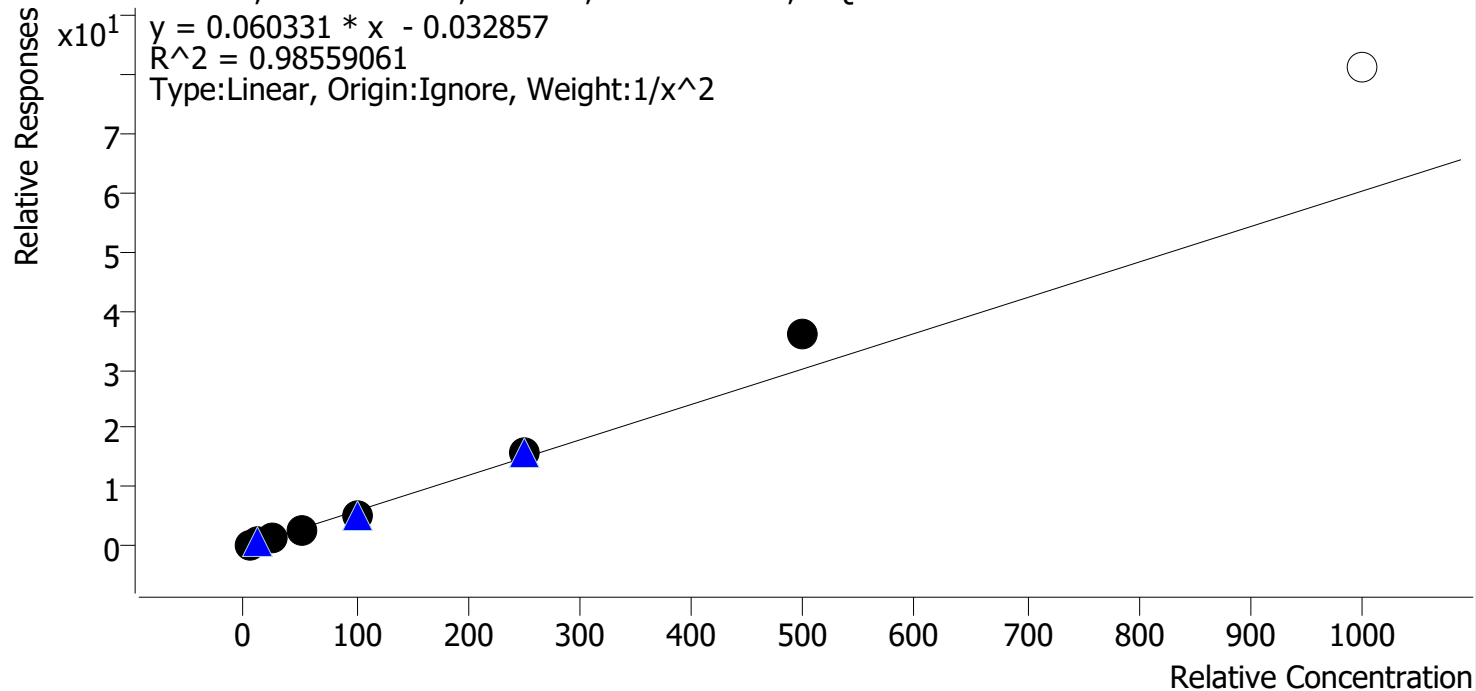
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng r	2	✓	10.0	10.7	107.1
p1 Cal 3 -25ng_r	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng_r	4	✓	50.0	55.5	111.1
p1 Cal 5-100ng_r	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng_r	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng_r	7	✓	500.0	401.0	80.2
p1 Cal 8-1000ng_r	8	✗	1000.0	654.9	65.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

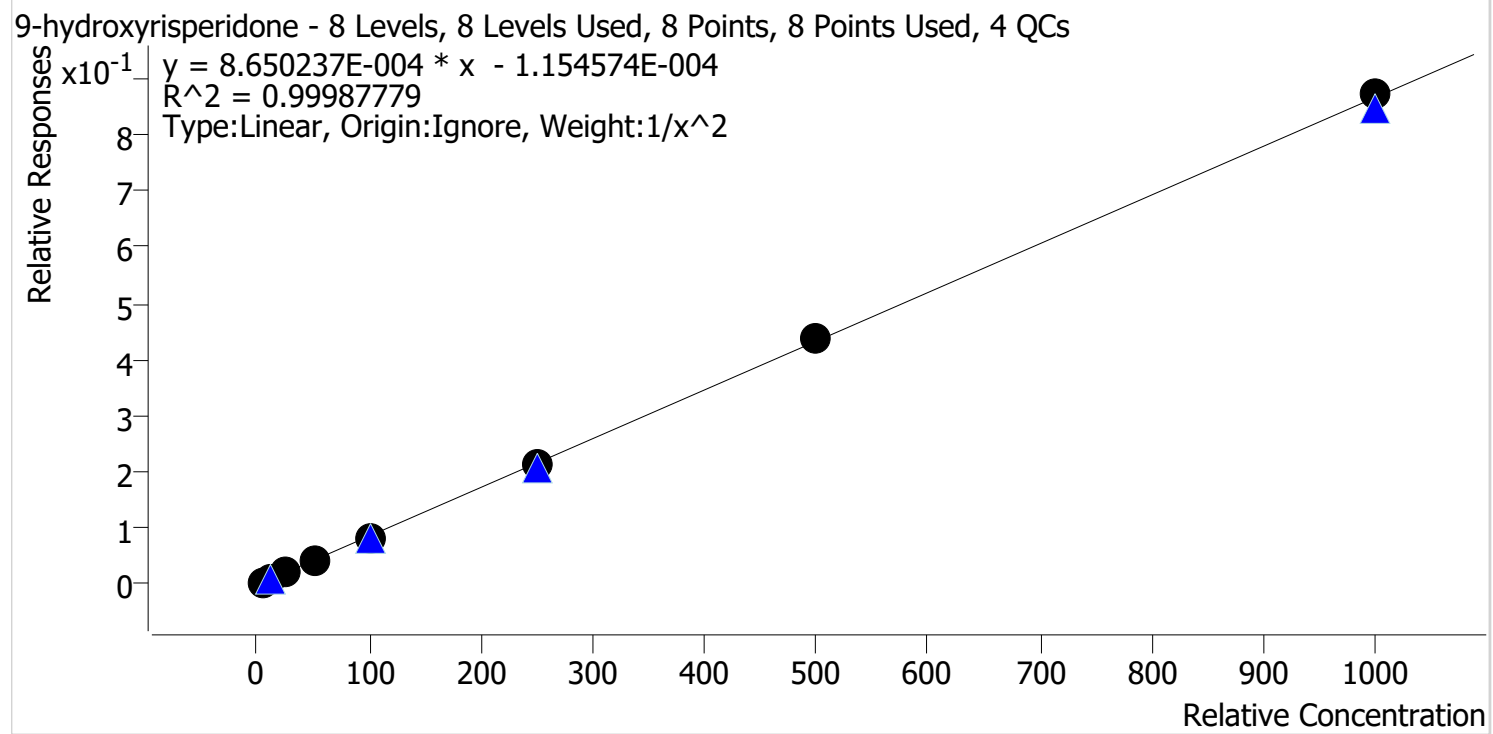


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng r	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng_r	3	✓	25.0	22.8	91.2
p1 Cal 4-50ng_r	4	✓	50.0	46.2	92.4
p1 Cal 5-100ng_r	5	✓	100.0	91.5	91.5
p1 Cal 6-250ng_r	6	✓	250.0	263.8	105.5
p1 Cal 7-500ng_r	7	✓	500.0	593.7	118.7
p1 Cal 8-1000ng_r	8	✗	1000.0	1345.3	134.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4



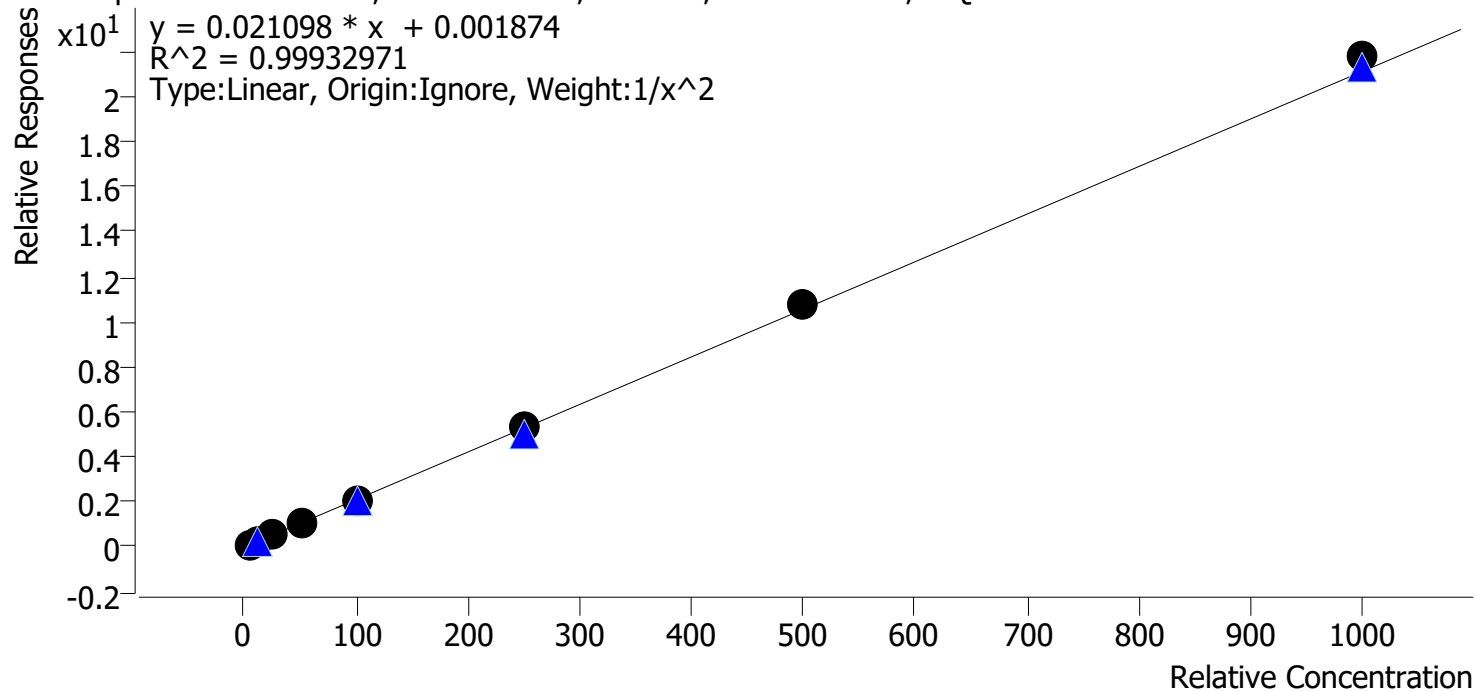
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng_r	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng_r	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng_r	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng_r	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng_r	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng_r	7	✓	500.0	503.3	100.7
p1 Cal 8-1000ng_r	8	✓	1000.0	1006.8	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



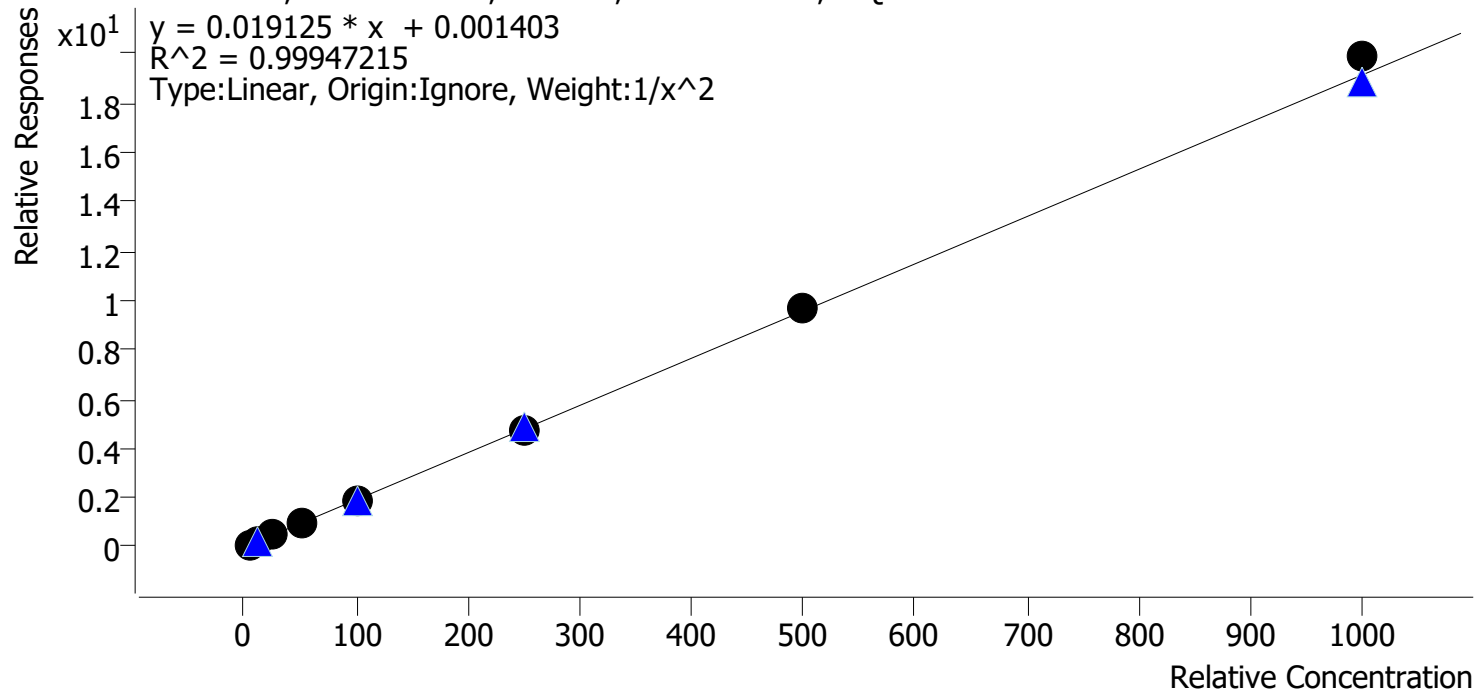
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng_r	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng_r	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng_r	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng_r	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng_r	7	✓	500.0	511.4	102.3
p1 Cal 8-1000ng_r	8	✓	1000.0	1031.3	103.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng_r	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng_r	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng_r	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng_r	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng_r	8	✓	1000.0	1039.0	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

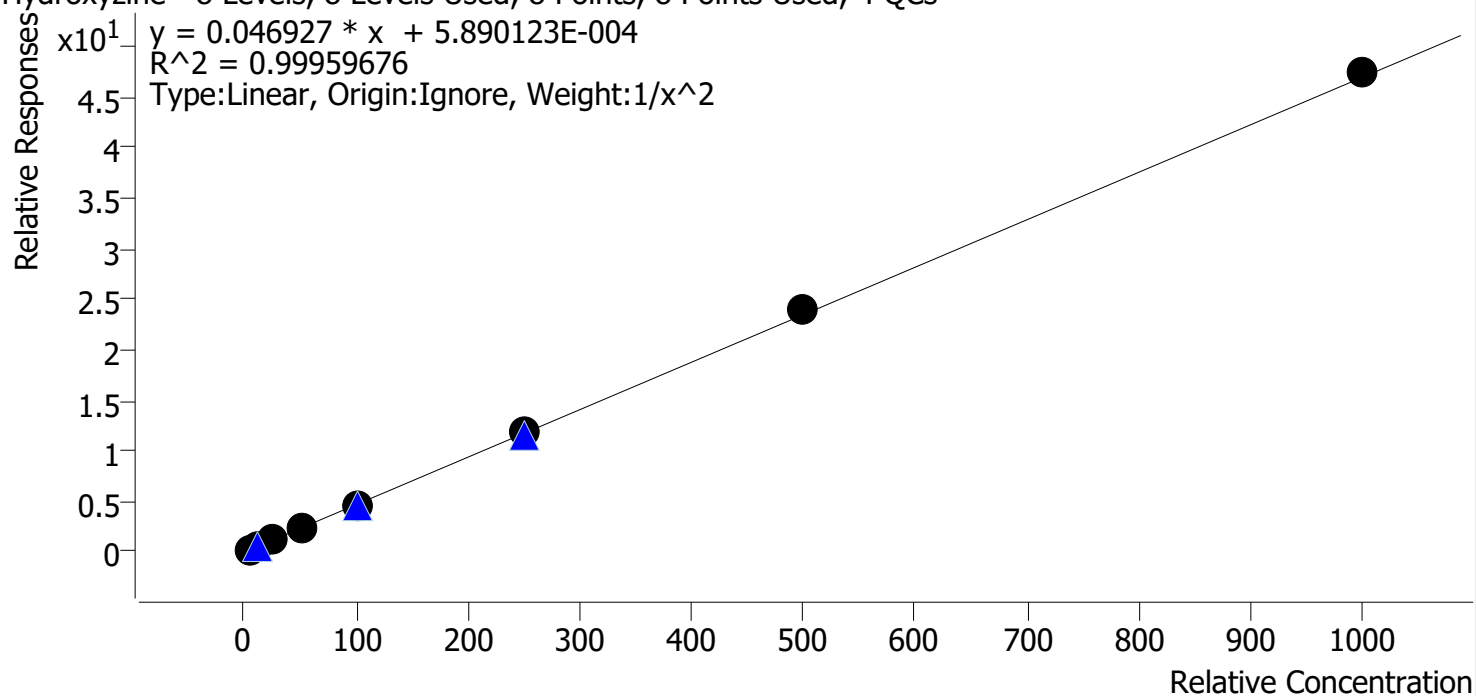
Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/23/2024 4:32 AM

Analyst Name ISP\Datastor

Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

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



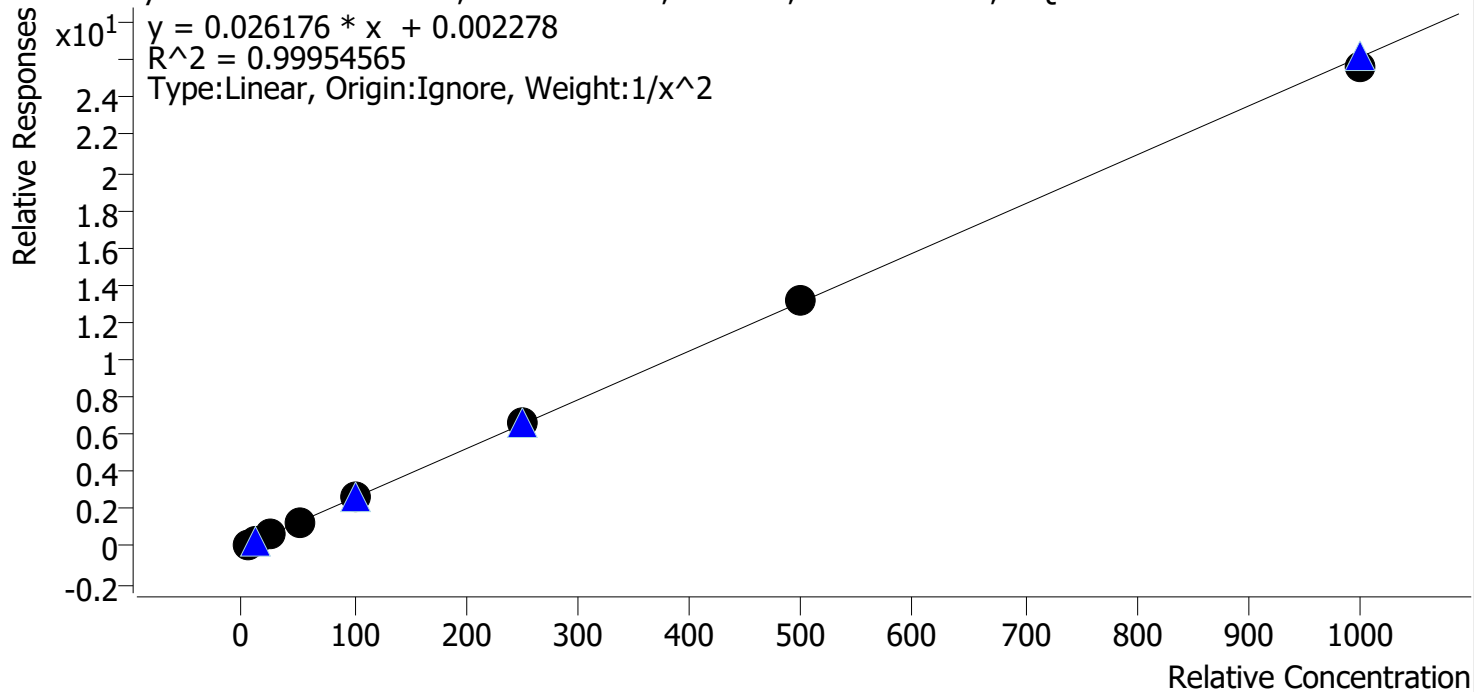
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng_r	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng_r	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng_r	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng_r	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng_r	8	✓	1000.0	1010.3	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

o-desmethylvenlafaxine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

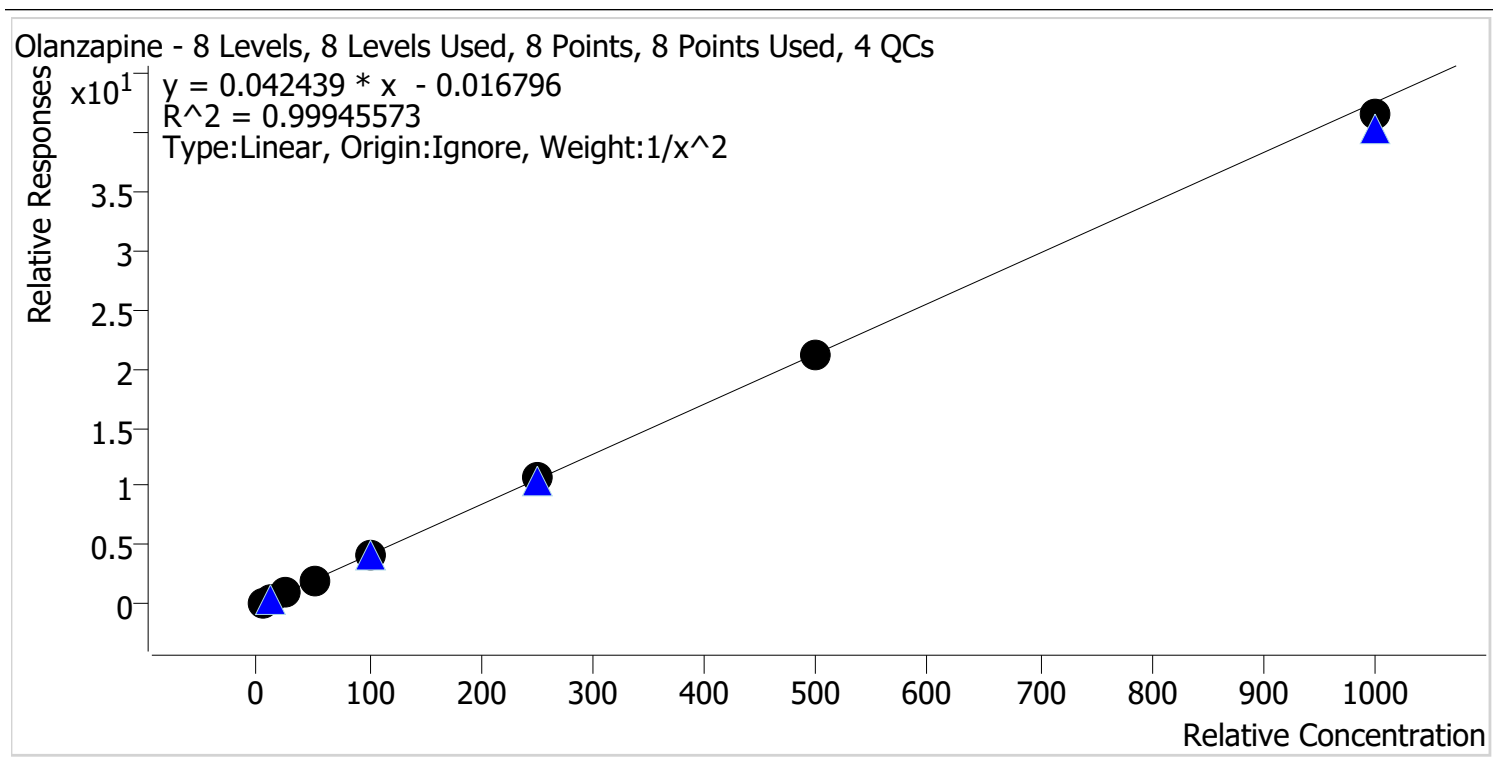


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng_r	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng_r	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng_r	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng_r	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng_r	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng_r	7	✓	500.0	500.2	100.0
p1 Cal 8-1000ng_r	8	✓	1000.0	981.4	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng_r	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng_r	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng_r	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng_r	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng_r	7	✓	500.0	499.9	100.0
p1 Cal 8-1000ng_r	8	✓	1000.0	975.5	97.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/23/2024 4:32 AM

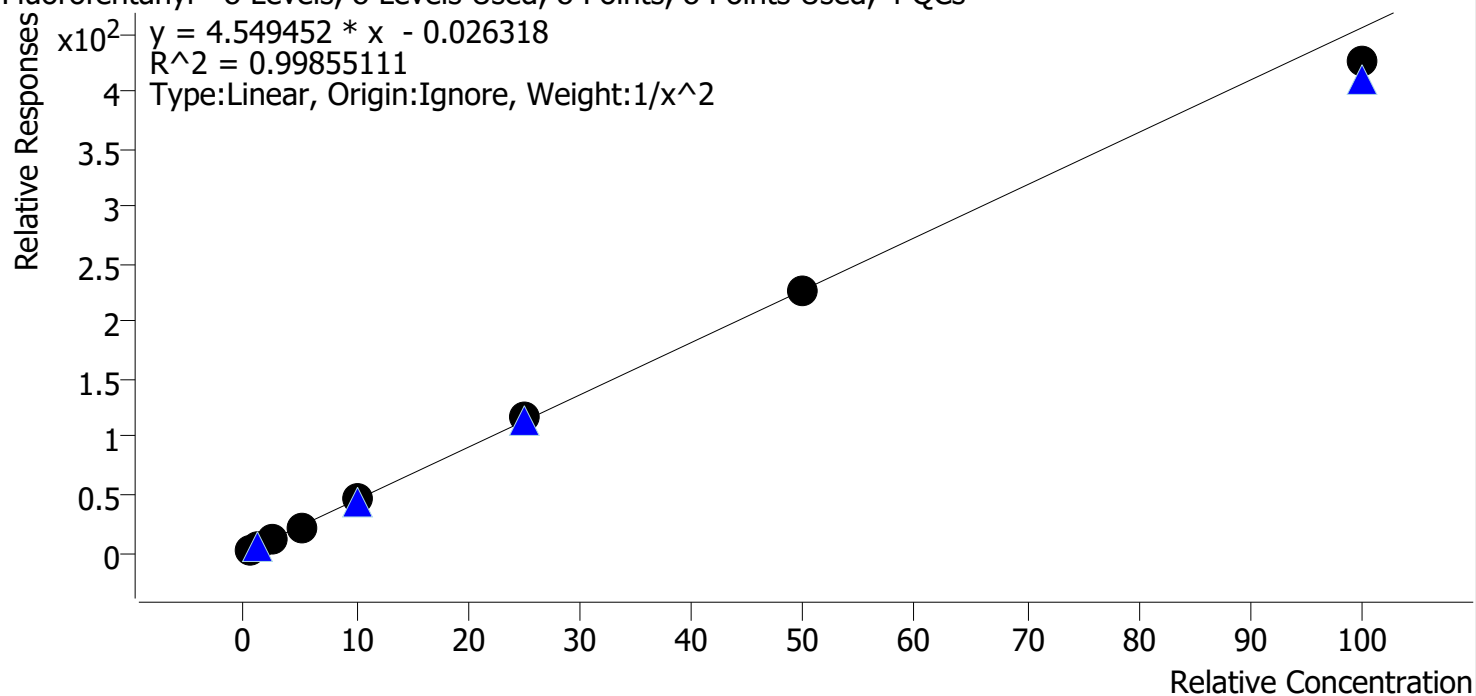
Analyst Name ISP\Datastor

Analyte Fluorofentanyl

Internal Standard

Fluorofentanyl-D5

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



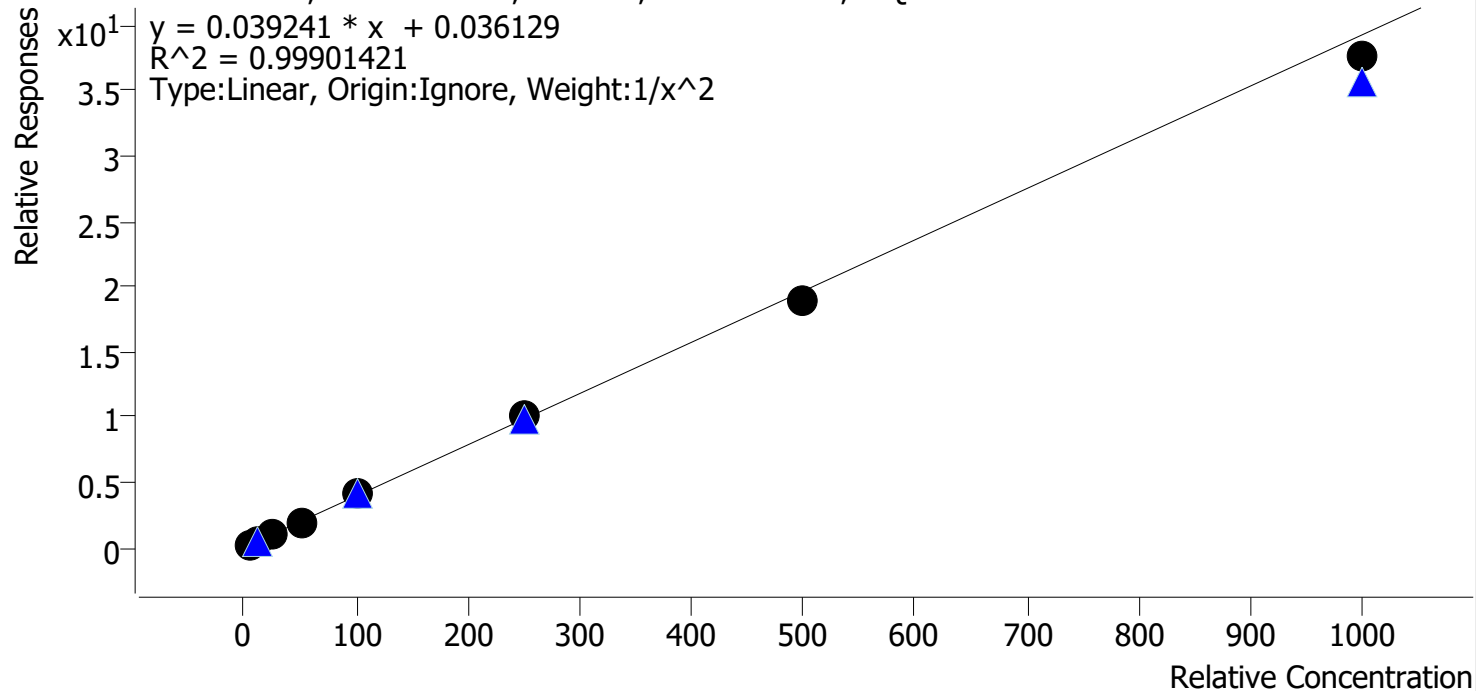
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	100.5
p1 Cal 2-10ng r	2	✓	1.0	1.0	97.9
p1 Cal 3 -25ng_r	3	✓	2.5	2.6	102.3
p1 Cal 4-50ng r	4	✓	5.0	5.0	99.2
p1 Cal 5-100ng r	5	✓	10.0	10.4	104.0
p1 Cal 6-250ng_r	6	✓	25.0	25.7	102.8
p1 Cal 7-500ng r	7	✓	50.0	49.9	99.9
p1 Cal 8-1000ng_r	8	✓	100.0	93.5	93.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

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



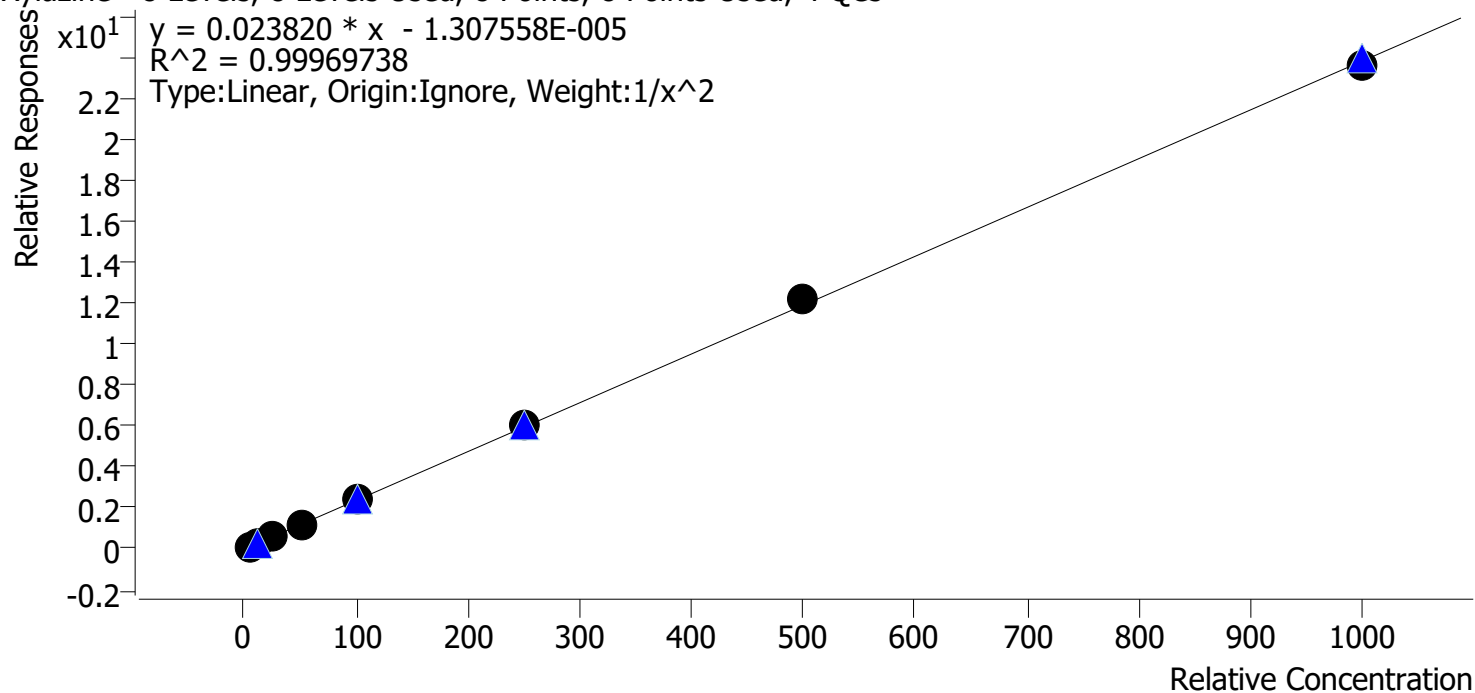
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng_r	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng_r	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng_r	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng_r	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng_r	7	✓	500.0	481.6	96.3
p1 Cal 8-1000ng_r	8	✓	1000.0	957.5	95.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylazine-D6

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



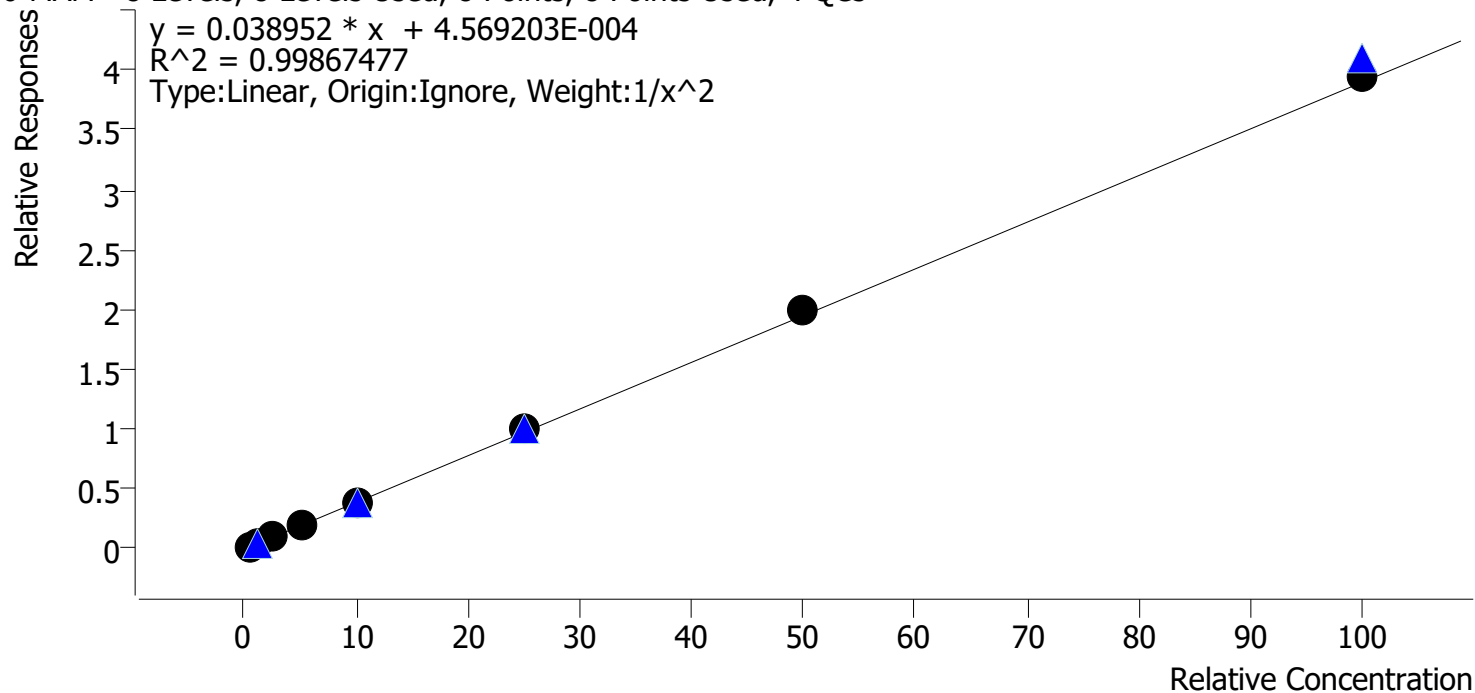
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng_r	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng r	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng r	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng_r	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng r	7	✓	500.0	513.7	102.7
p1 Cal 8-1000ng_r	8	✓	1000.0	989.1	98.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



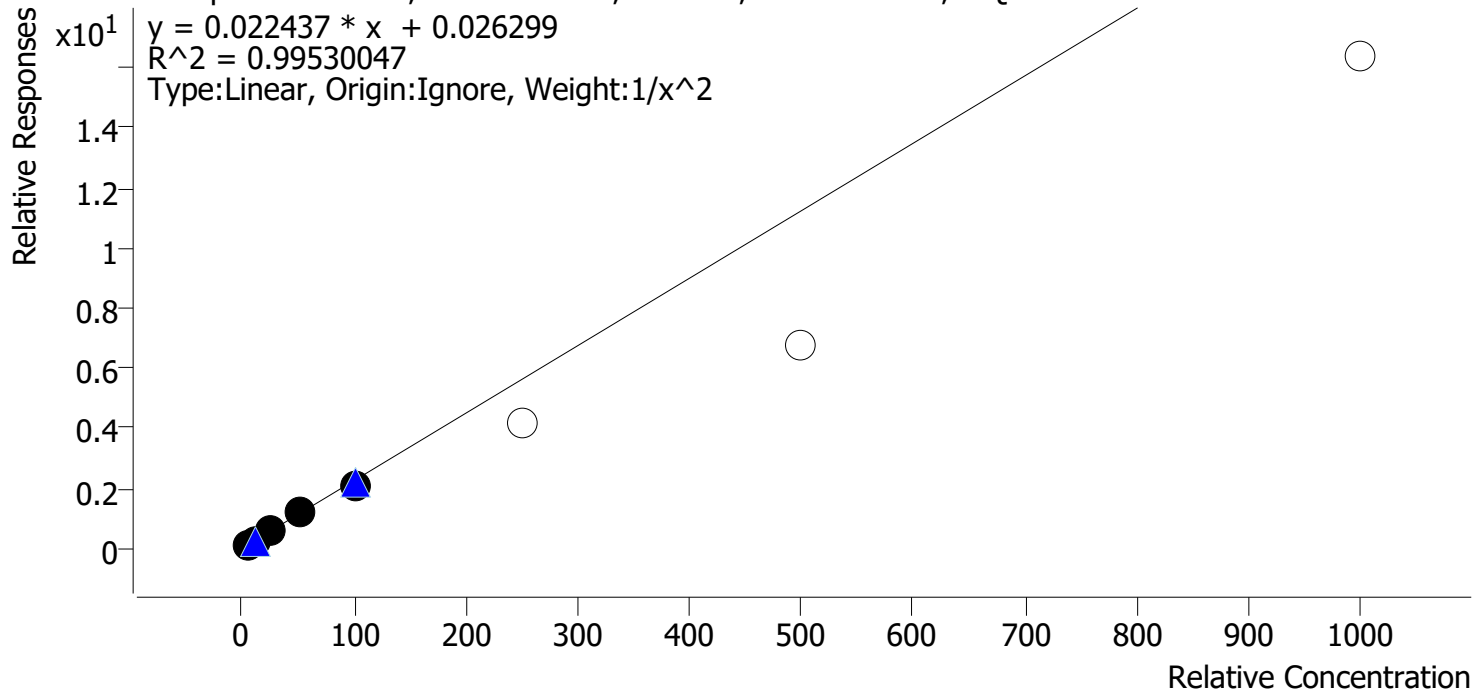
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng r	2	✓	1.0	1.0	96.5
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng_r	4	✓	5.0	4.8	96.9
p1 Cal 5-100ng_r	5	✓	10.0	10.2	102.4
p1 Cal 6-250ng_r	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng_r	7	✓	50.0	51.3	102.5
p1 Cal 8-1000ng_r	8	✓	100.0	101.5	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng r	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng_r	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng r	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng r	5	✓	100.0	91.9	91.9
p1 Cal 6-250ng_r	6	✗	250.0	182.6	73.0
p1 Cal 7-500ng r	7	✗	500.0	301.3	60.3
p1 Cal 8-1000ng_r	8	✗	1000.0	728.6	72.9



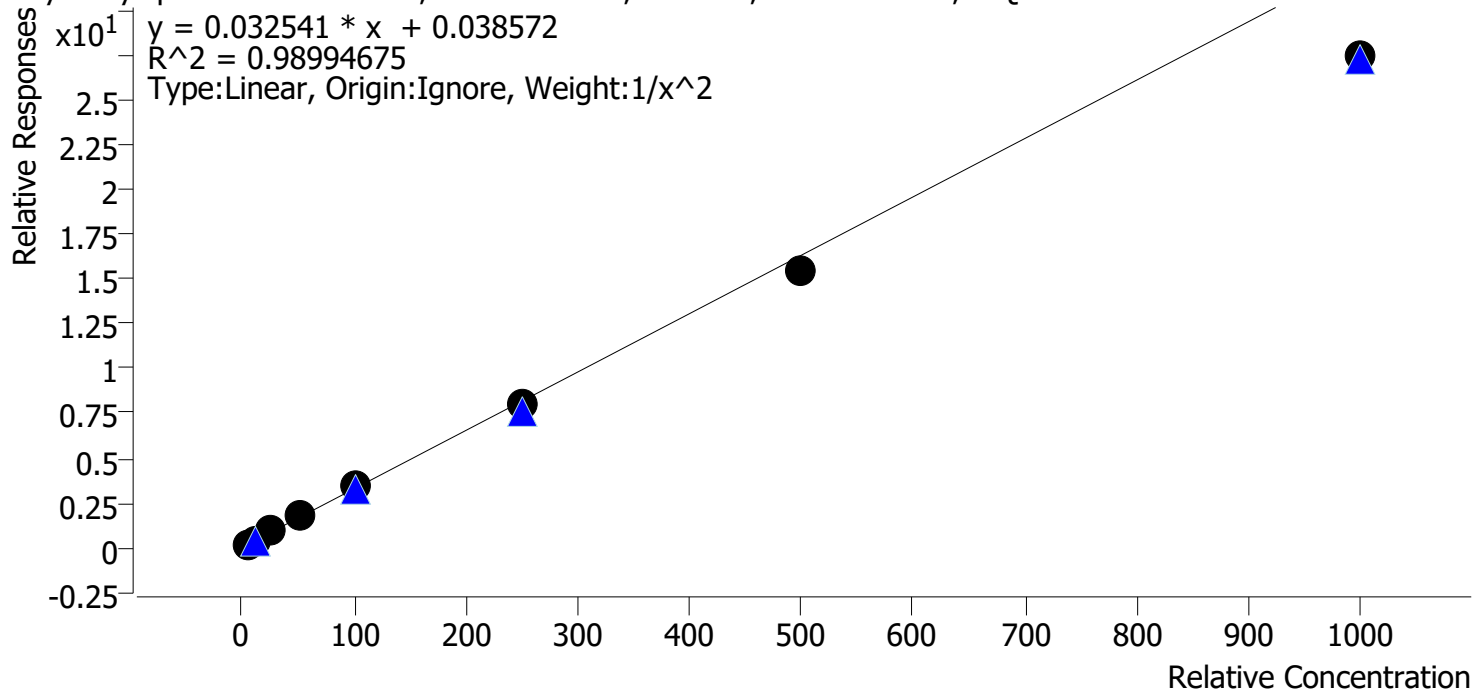
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam

Internal Standard

a-hydroxyalprazolam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



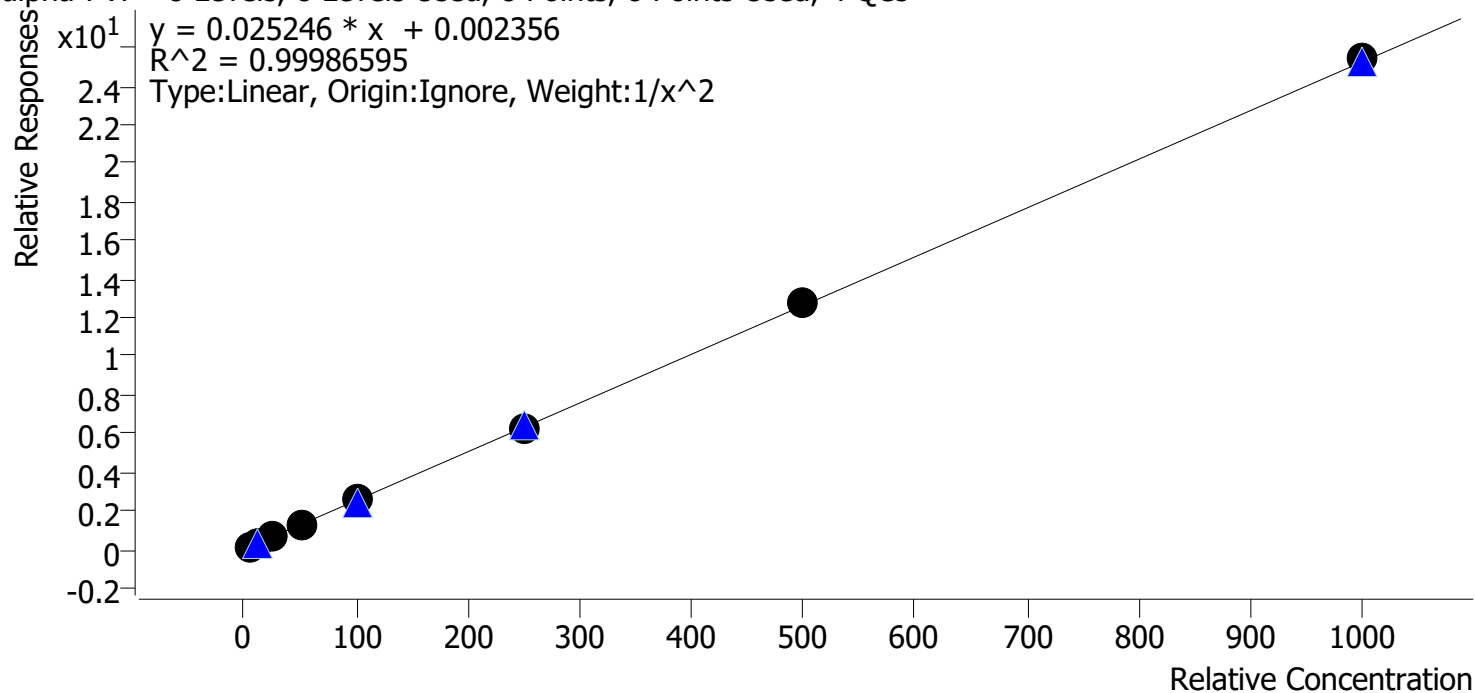
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng_r	2	✓	10.0	10.6	105.6
p1 Cal 3-25ng_r	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng_r	4	✓	50.0	55.0	109.9
p1 Cal 5-100ng_r	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng_r	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng_r	7	✓	500.0	474.1	94.8
p1 Cal 8-1000ng_r	8	✓	1000.0	840.9	84.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

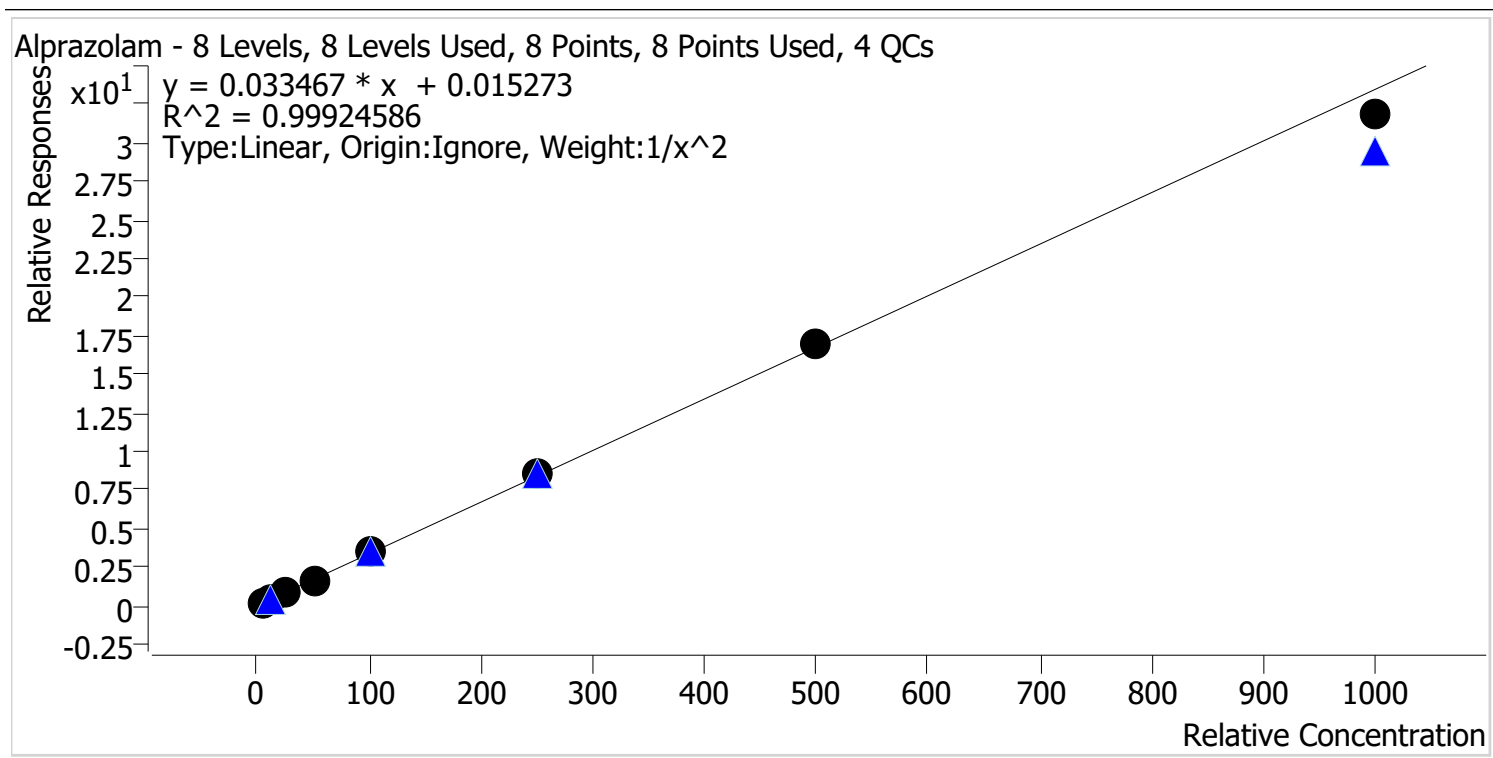


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng r	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng_r	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng_r	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng_r	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng_r	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng_r	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng_r	8	✓	1000.0	1006.7	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

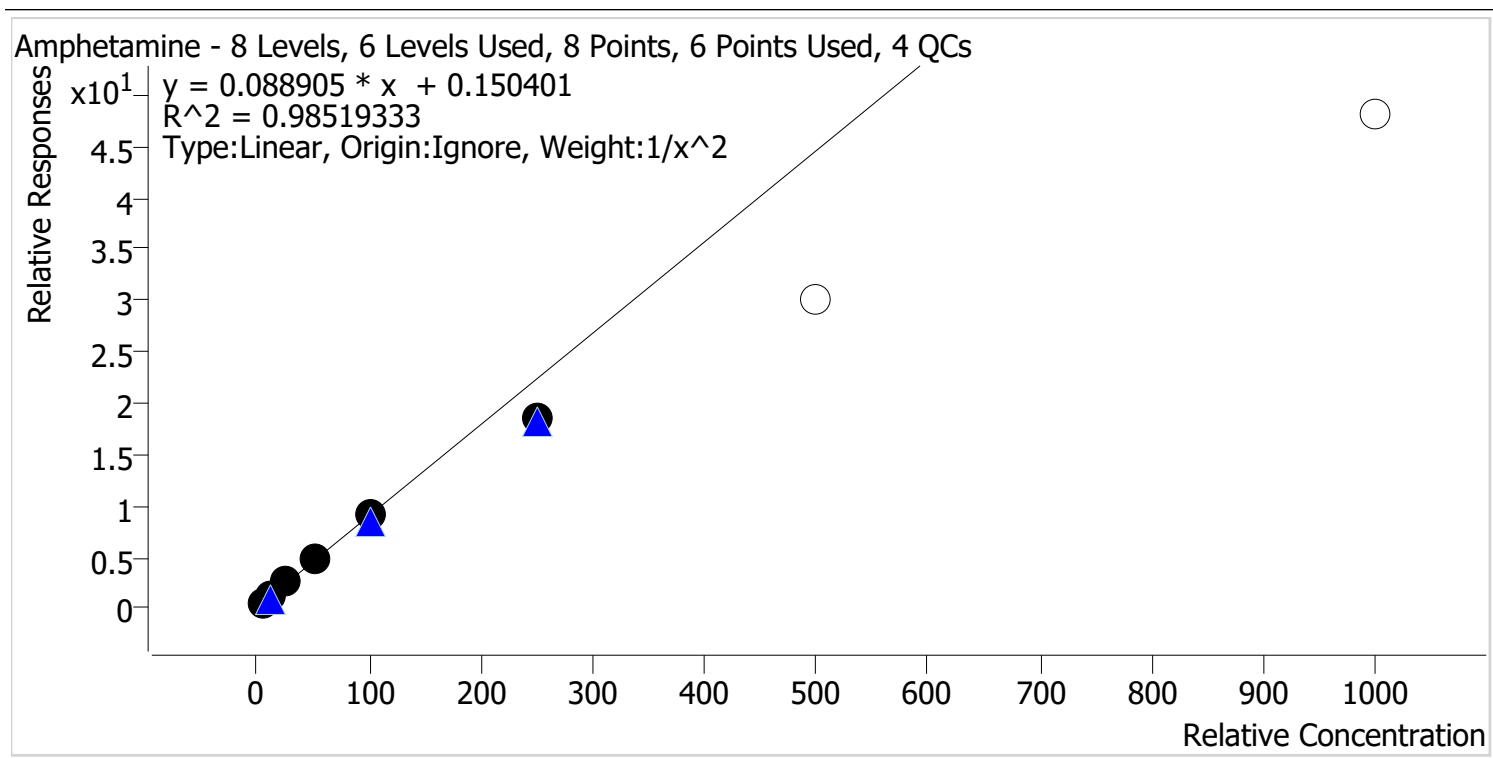


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng_r	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng r	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng r	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng_r	6	✓	250.0	253.9	101.5
p1 Cal 7-500ng r	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng_r	8	✓	1000.0	951.1	95.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



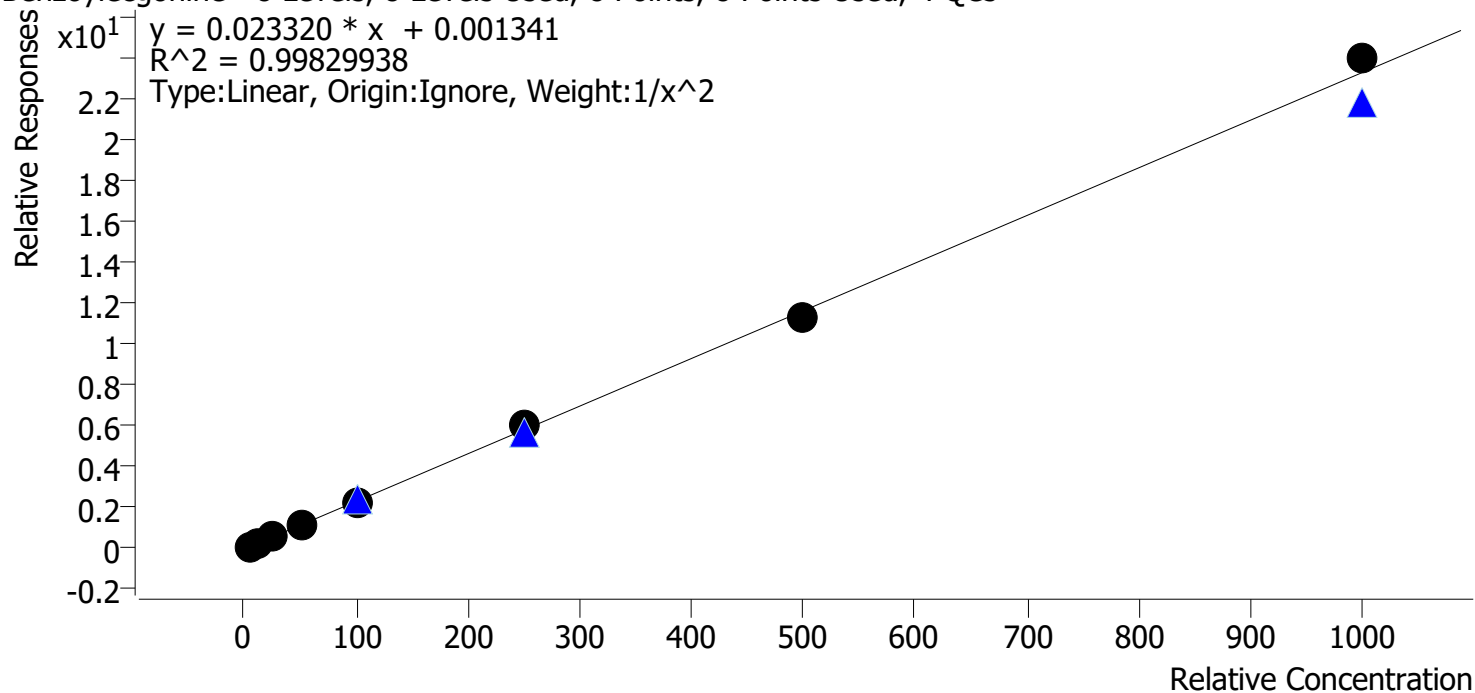
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng r	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng_r	3	✓	25.0	27.1	108.6
p1 Cal 4-50ng_r	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng_r	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng_r	6	✓	250.0	205.8	82.3
p1 Cal 7-500ng_r	7	✗	500.0	337.4	67.5
p1 Cal 8-1000ng_r	8	✗	1000.0	539.4	53.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



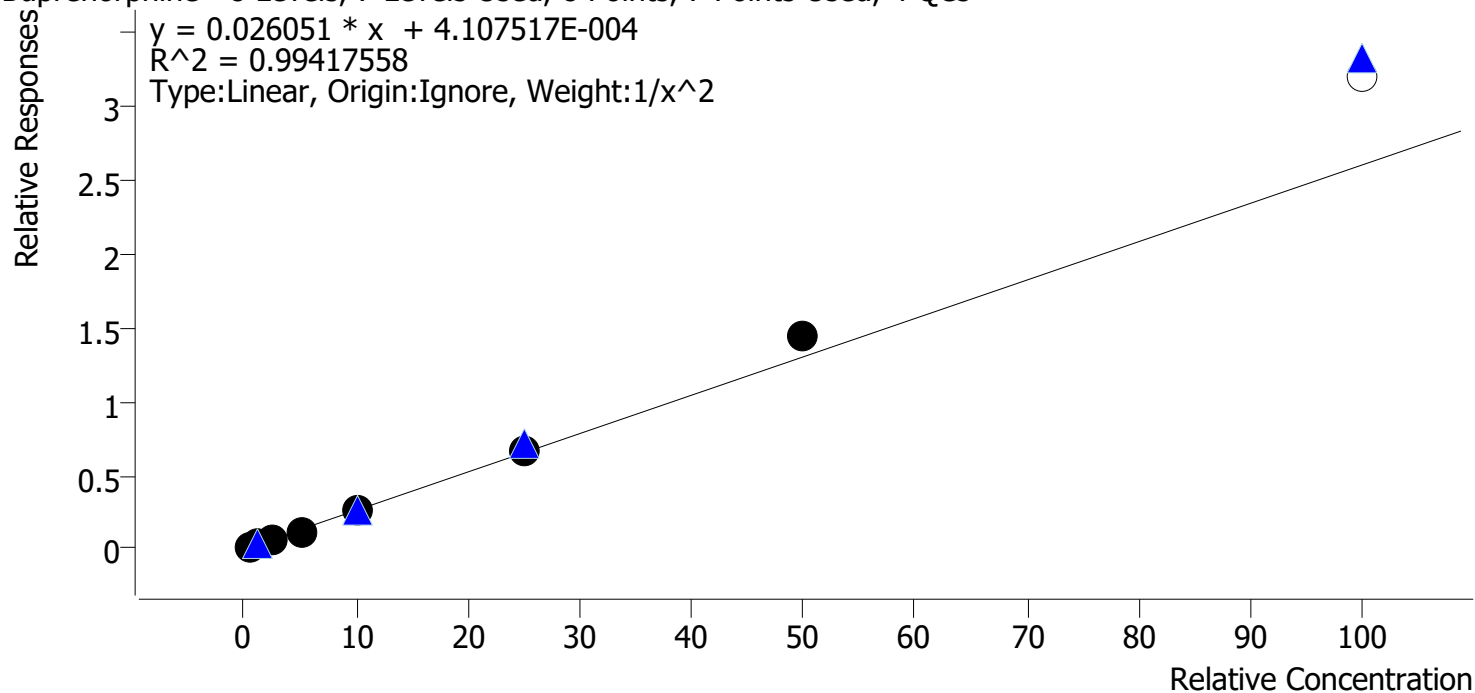
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng r	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng_r	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng_r	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng_r	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng_r	6	✓	250.0	259.4	103.7
p1 Cal 7-500ng_r	7	✓	500.0	489.6	97.9
p1 Cal 8-1000ng_r	8	✓	1000.0	1029.3	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

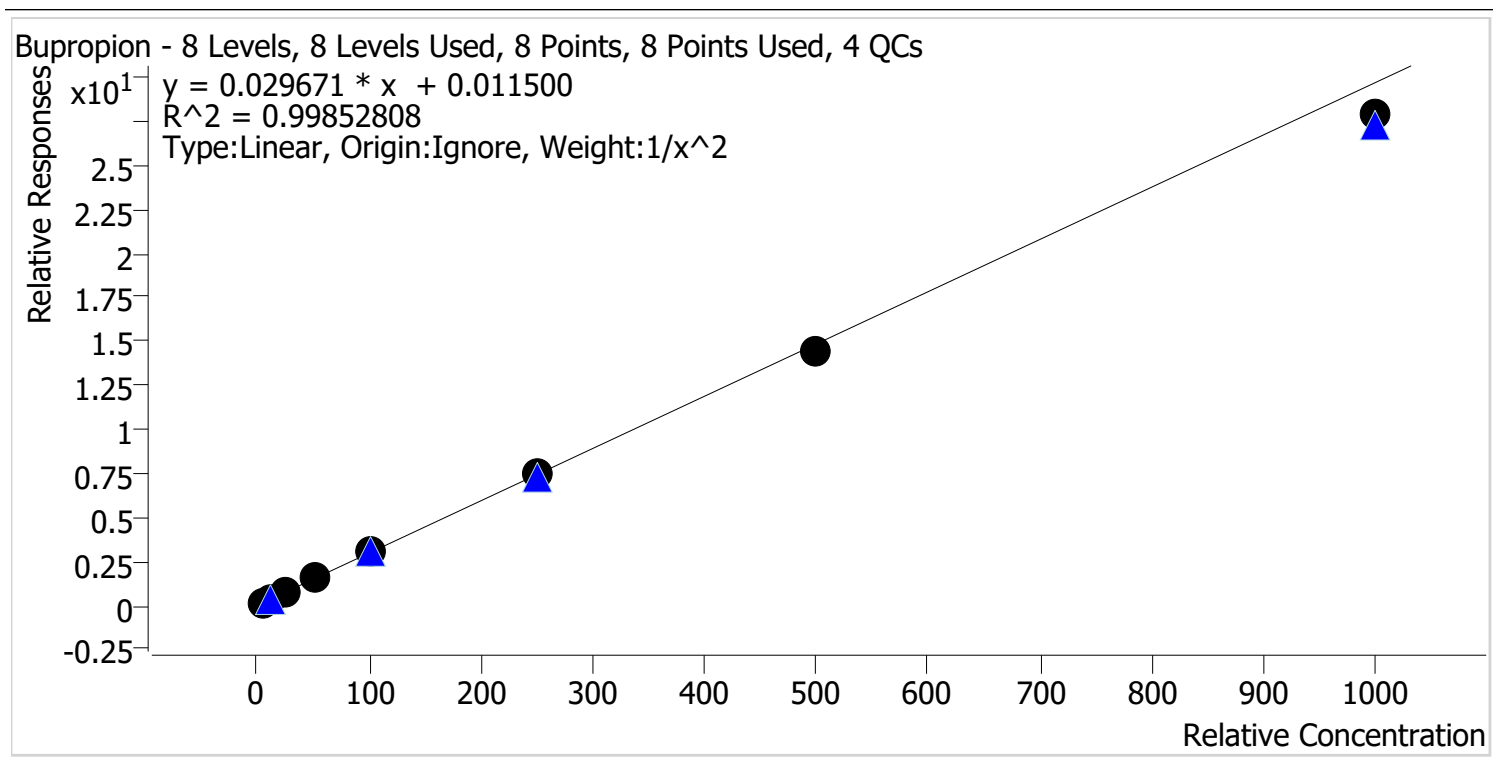


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	104.8
p1 Cal 2-10ng r	2	✓	1.0	0.9	92.8
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	96.5
p1 Cal 4-50ng r	4	✓	5.0	4.7	93.8
p1 Cal 5-100ng r	5	✓	10.0	9.9	98.6
p1 Cal 6-250ng_r	6	✓	25.0	25.7	102.6
p1 Cal 7-500ng r	7	✓	50.0	55.4	110.8
p1 Cal 8-1000ng_r	8	✗	100.0	123.3	123.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



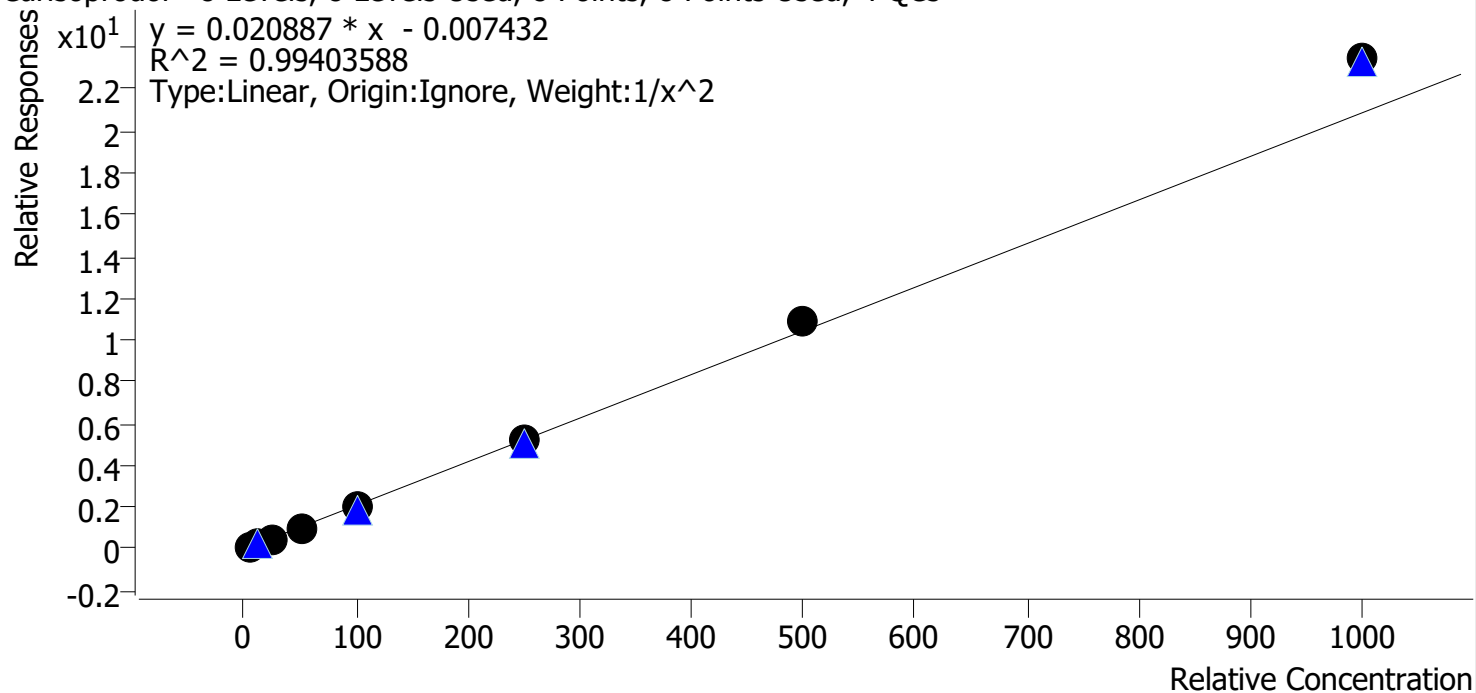
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng_r	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng_r	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng_r	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng_r	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng_r	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng_r	8	✓	1000.0	938.9	93.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



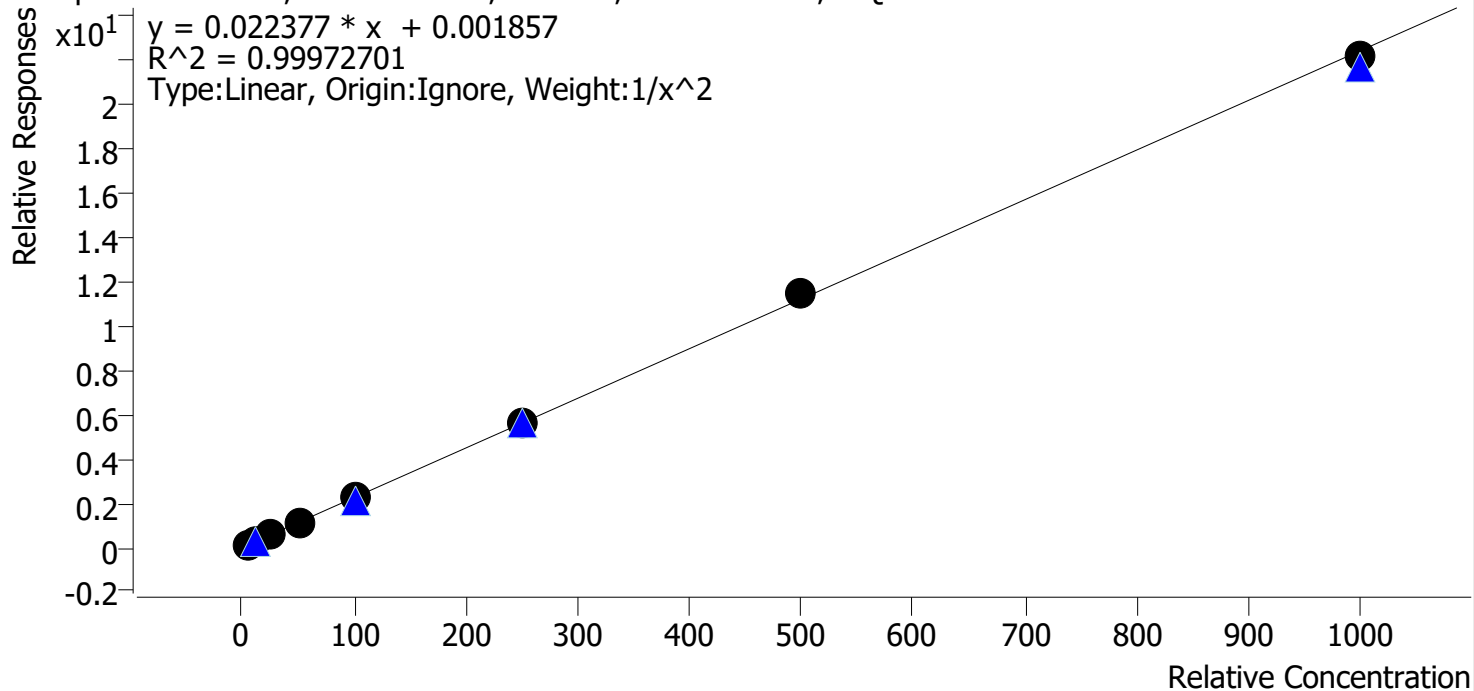
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng r	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng_r	3	✓	25.0	23.1	92.6
p1 Cal 4-50ng r	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng r	5	✓	100.0	93.8	93.8
p1 Cal 6-250ng_r	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng r	7	✓	500.0	525.4	105.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1124.3	112.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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

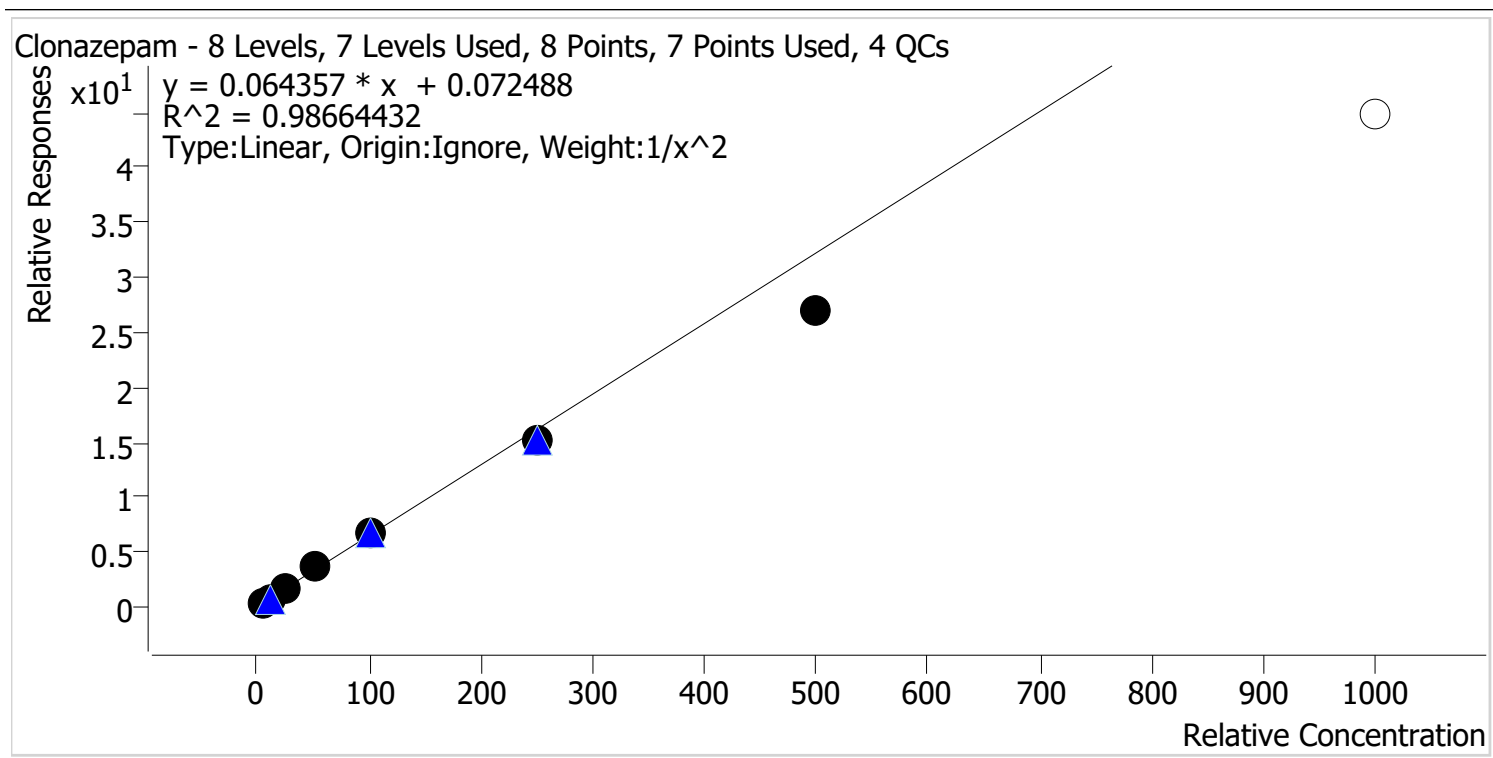


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng_r	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng_r	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng_r	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng_r	7	✓	500.0	509.4	101.9
p1 Cal 8-1000ng_r	8	✓	1000.0	988.3	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

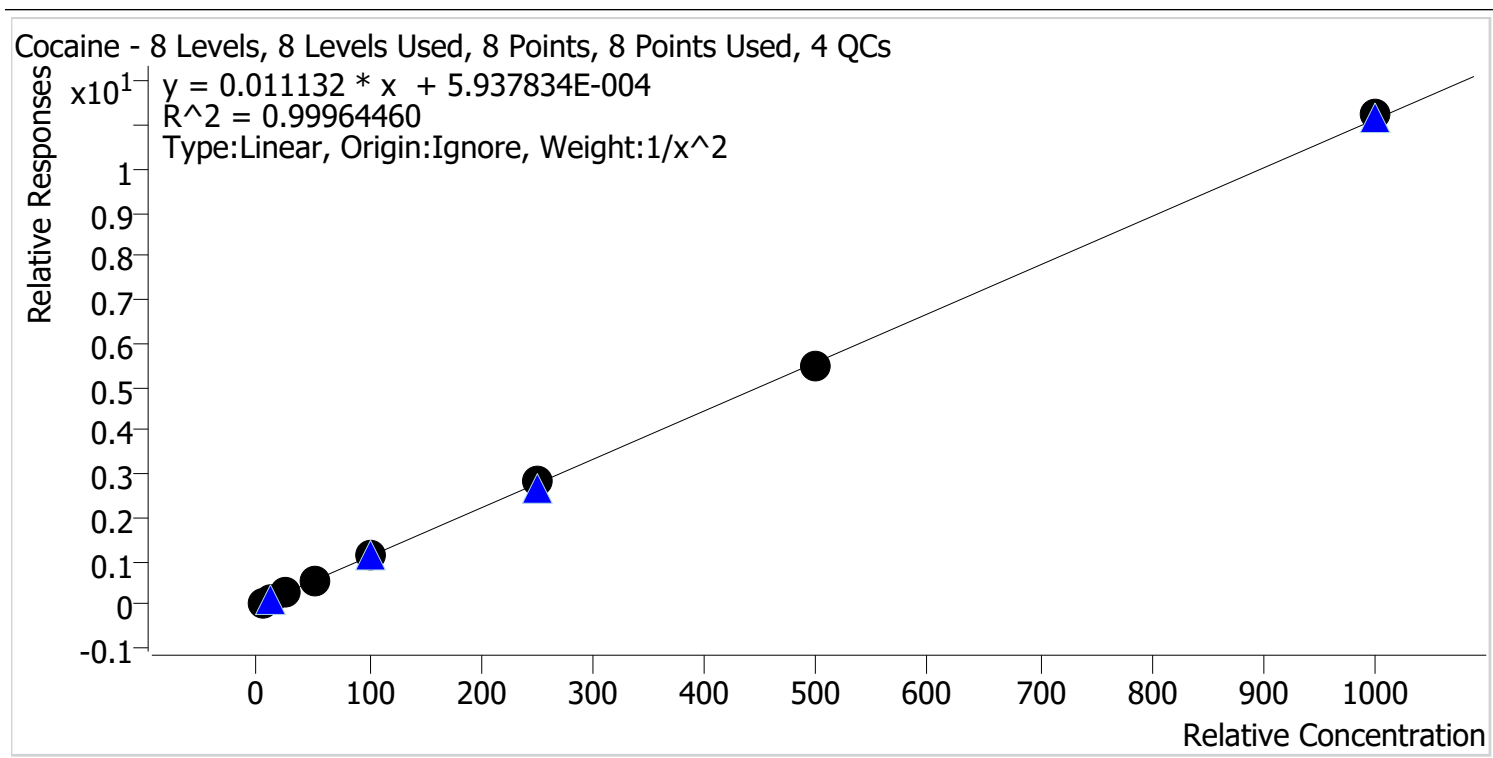


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng r	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng_r	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng r	4	✓	50.0	56.7	113.3
p1 Cal 5-100ng r	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng_r	6	✓	250.0	235.1	94.0
p1 Cal 7-500ng r	7	✓	500.0	417.4	83.5
p1 Cal 8-1000ng_r	8	✗	1000.0	695.6	69.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



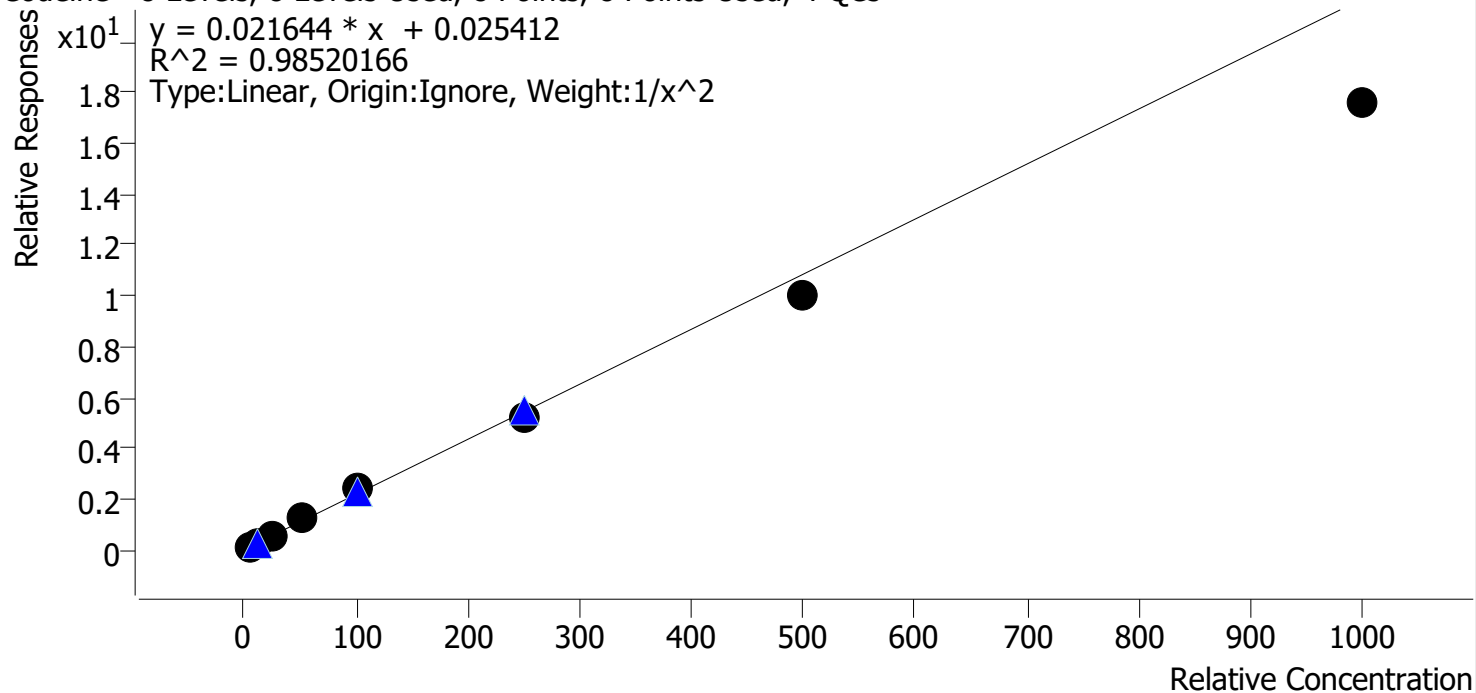
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng_r	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng r	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng r	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng_r	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng r	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng_r	8	✓	1000.0	1009.9	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



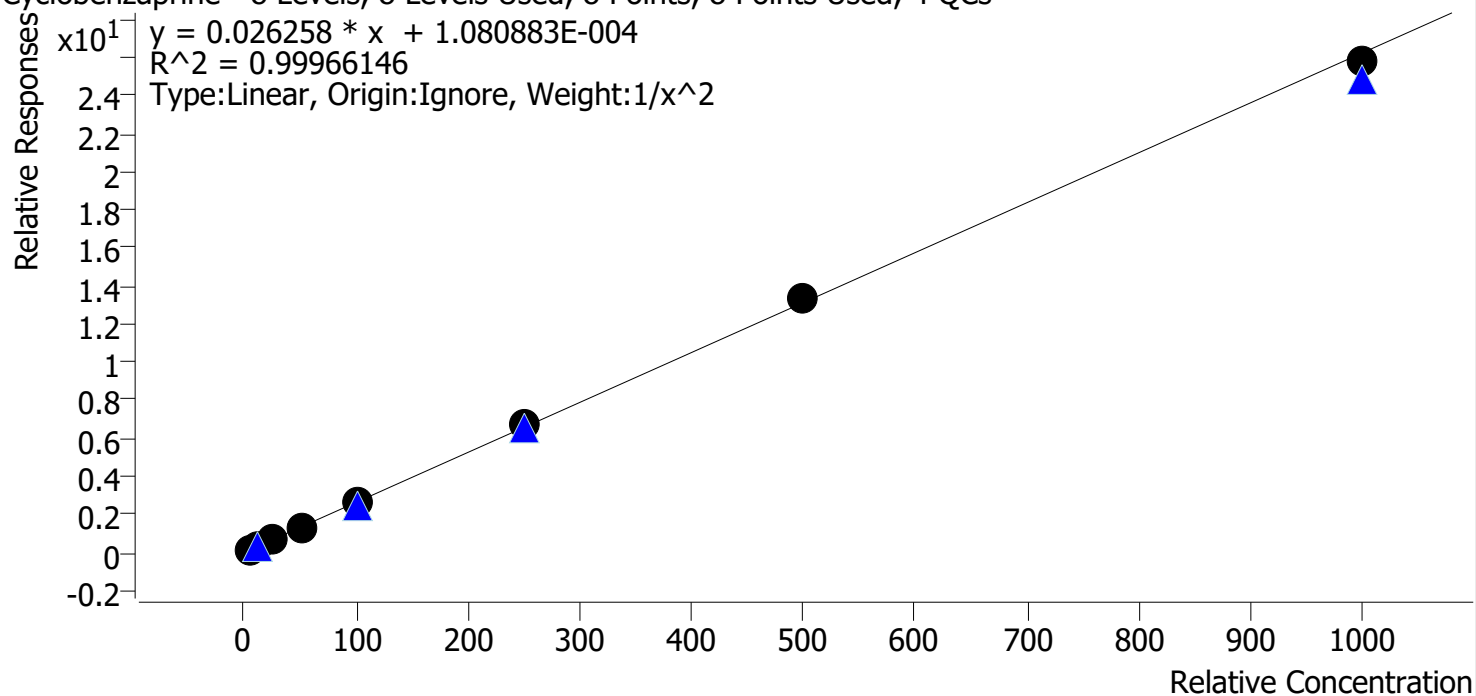
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng r	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng_r	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng r	4	✓	50.0	55.2	110.5
p1 Cal 5-100ng r	5	✓	100.0	111.3	111.3
p1 Cal 6-250ng_r	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng r	7	✓	500.0	464.6	92.9
p1 Cal 8-1000ng_r	8	✓	1000.0	809.3	80.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



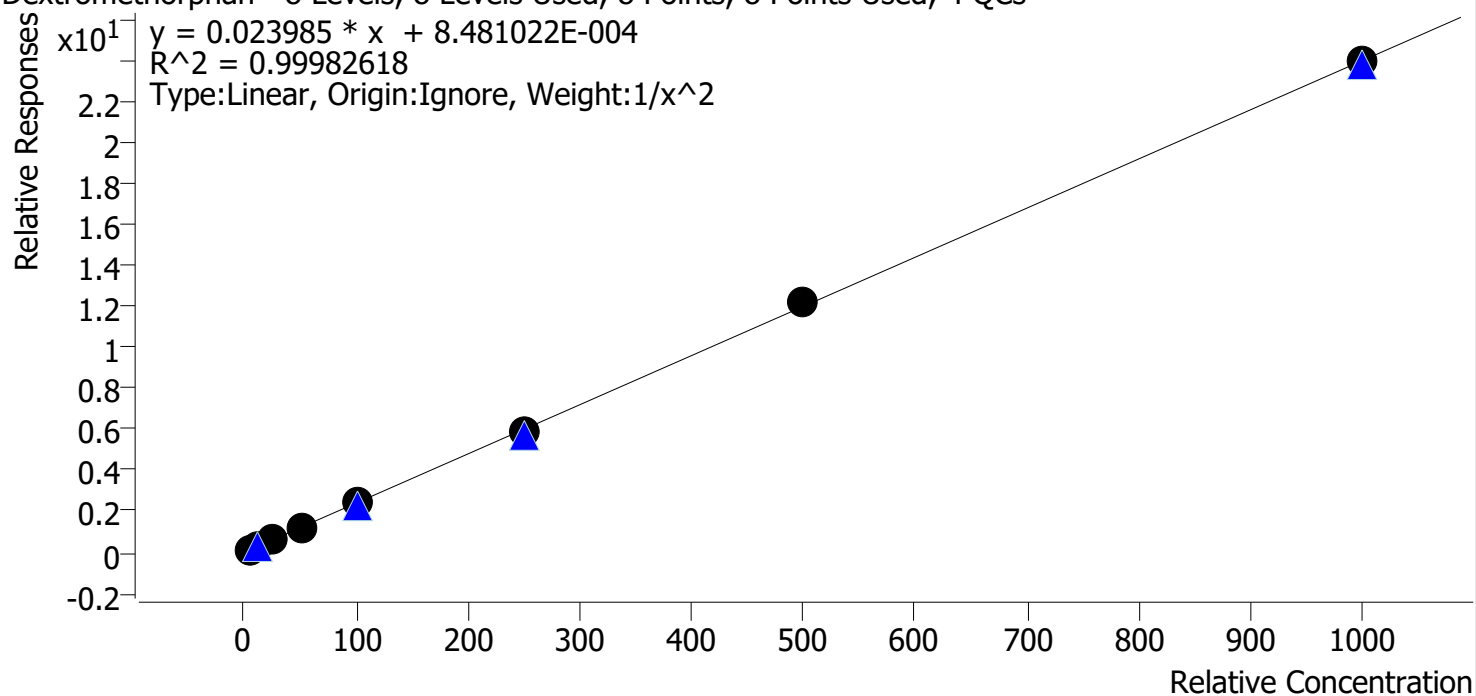
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng_r	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng_r	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng_r	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng_r	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng_r	8	✓	1000.0	982.7	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

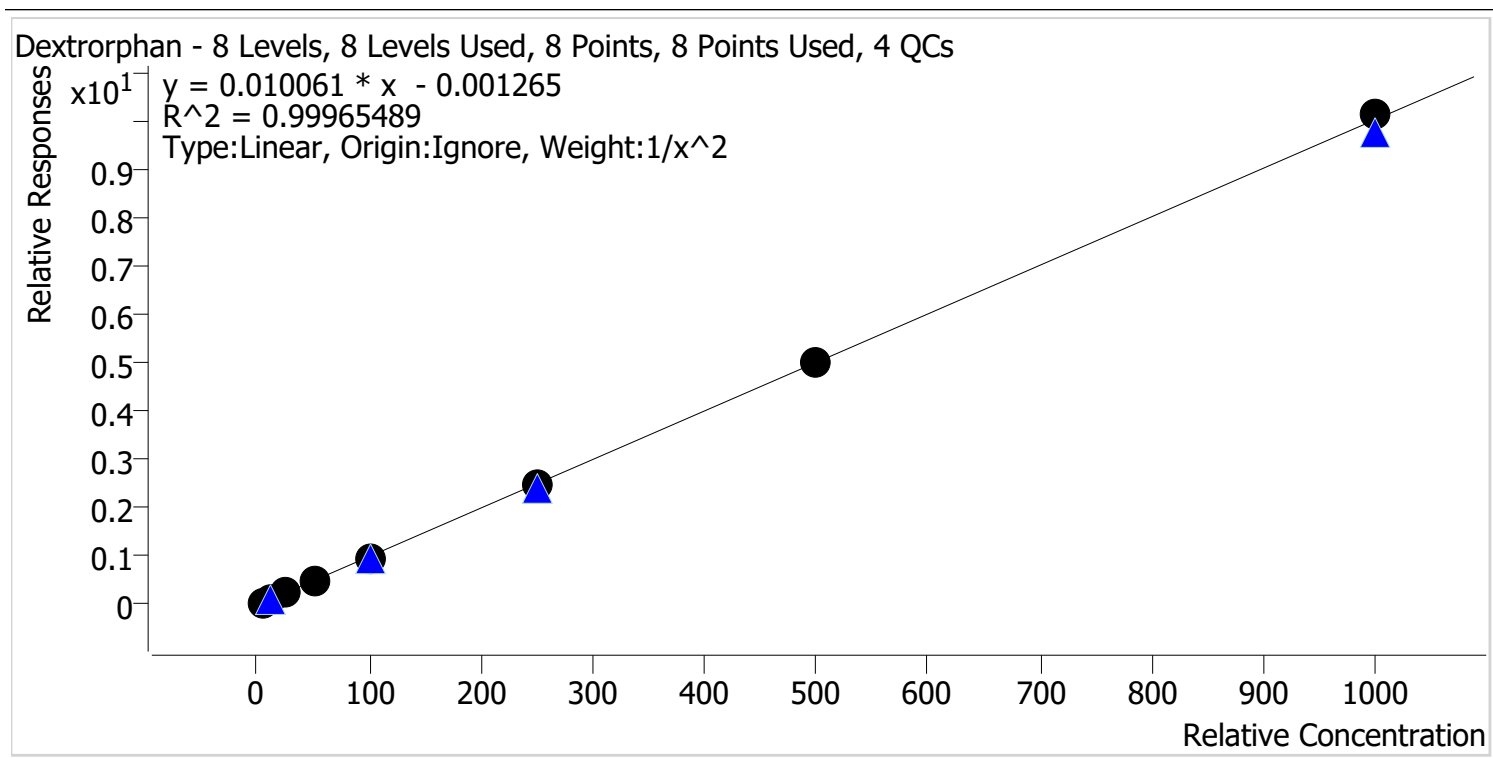


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng_r	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng_r	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng_r	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng_r	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng_r	8	✓	1000.0	998.1	99.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



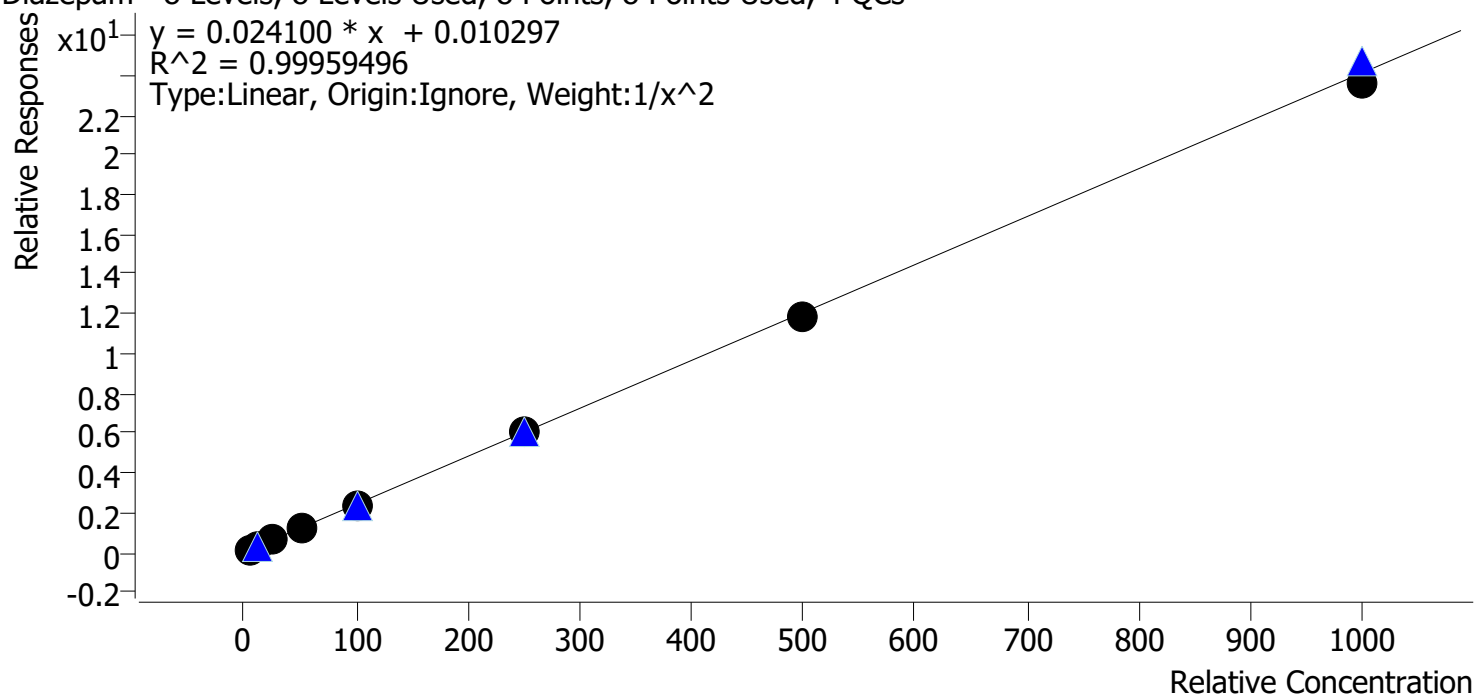
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng r	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng_r	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng r	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng r	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng_r	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng r	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng_r	8	✓	1000.0	1010.5	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



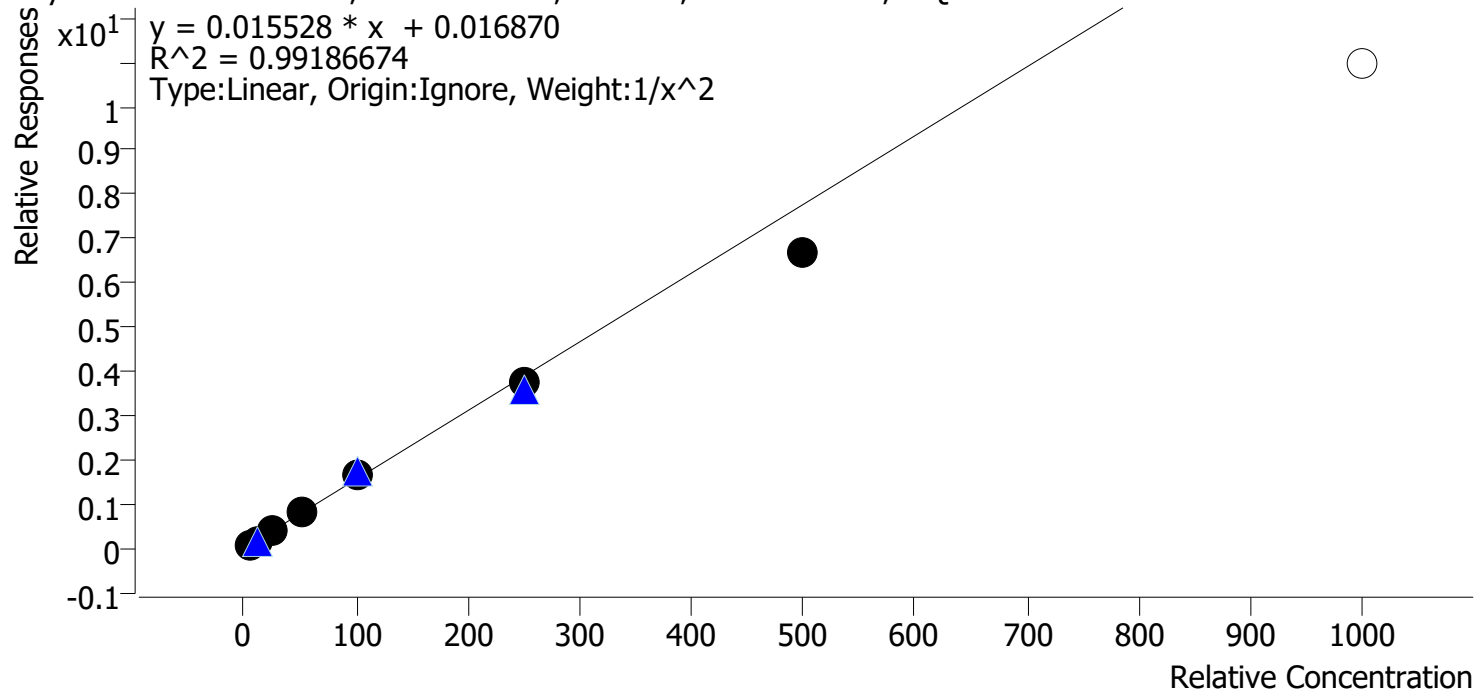
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng_r	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng_r	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng_r	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng_r	6	✓	250.0	252.4	100.9
p1 Cal 7-500ng_r	7	✓	500.0	493.6	98.7
p1 Cal 8-1000ng_r	8	✓	1000.0	975.3	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

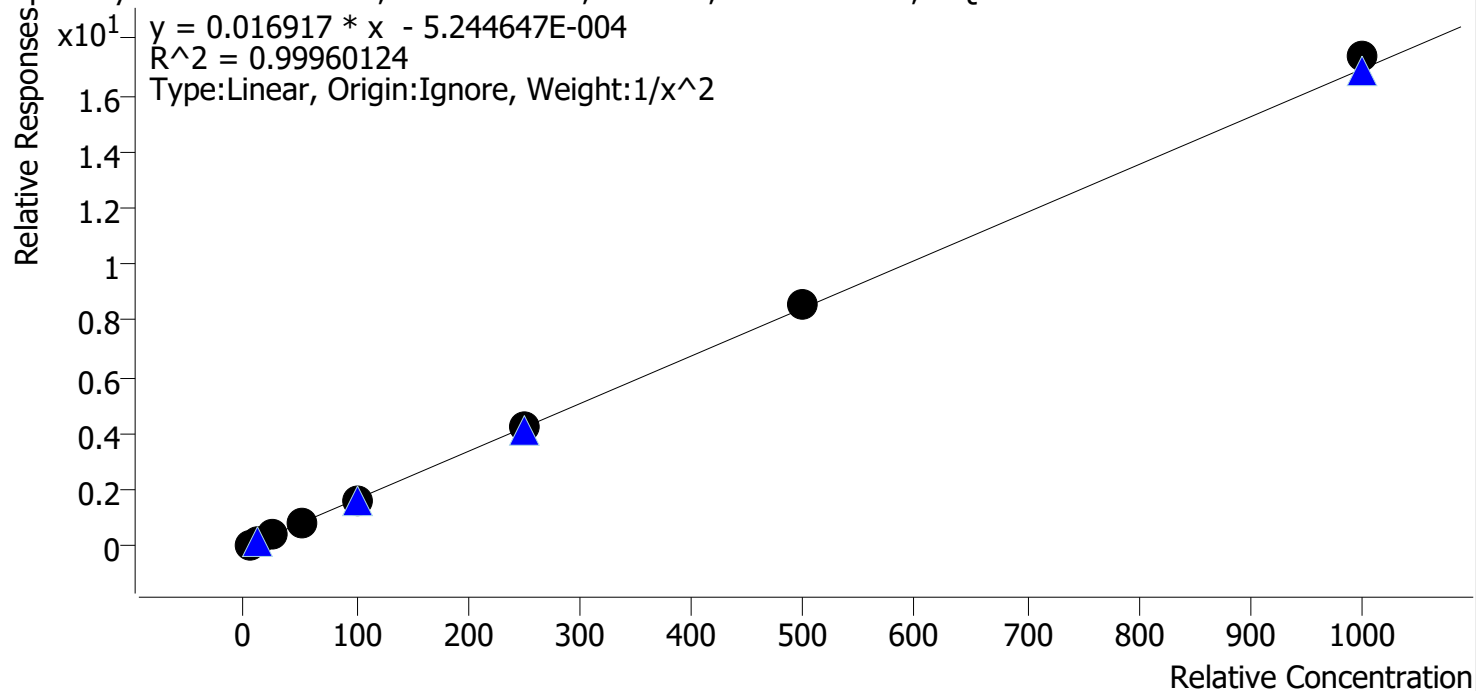


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng_r	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng_r	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng_r	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng_r	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng_r	7	✓	500.0	428.8	85.8
p1 Cal 8-1000ng_r	8	✗	1000.0	704.3	70.4

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

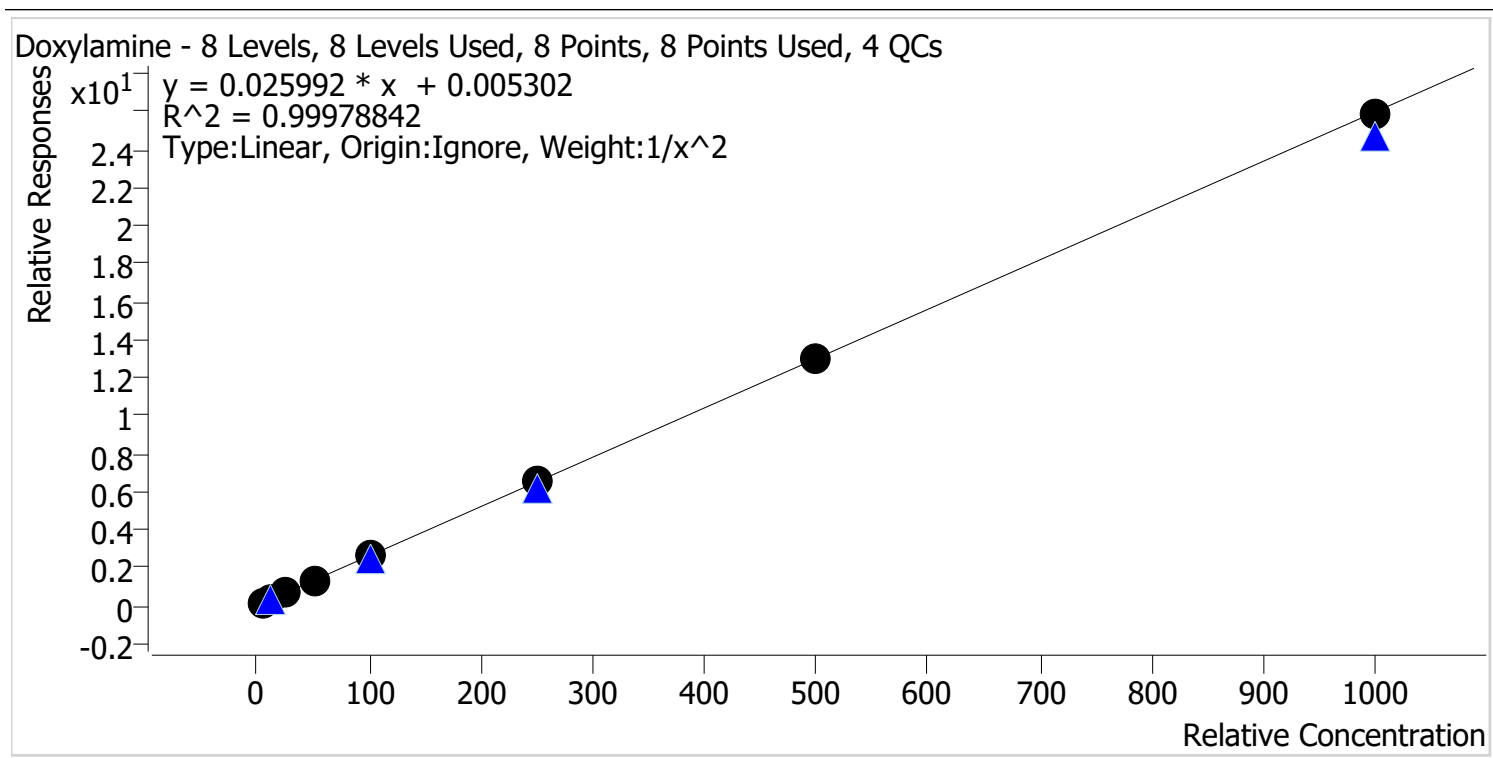


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng r	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng_r	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng_r	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng_r	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng_r	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng_r	8	✓	1000.0	1026.1	102.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

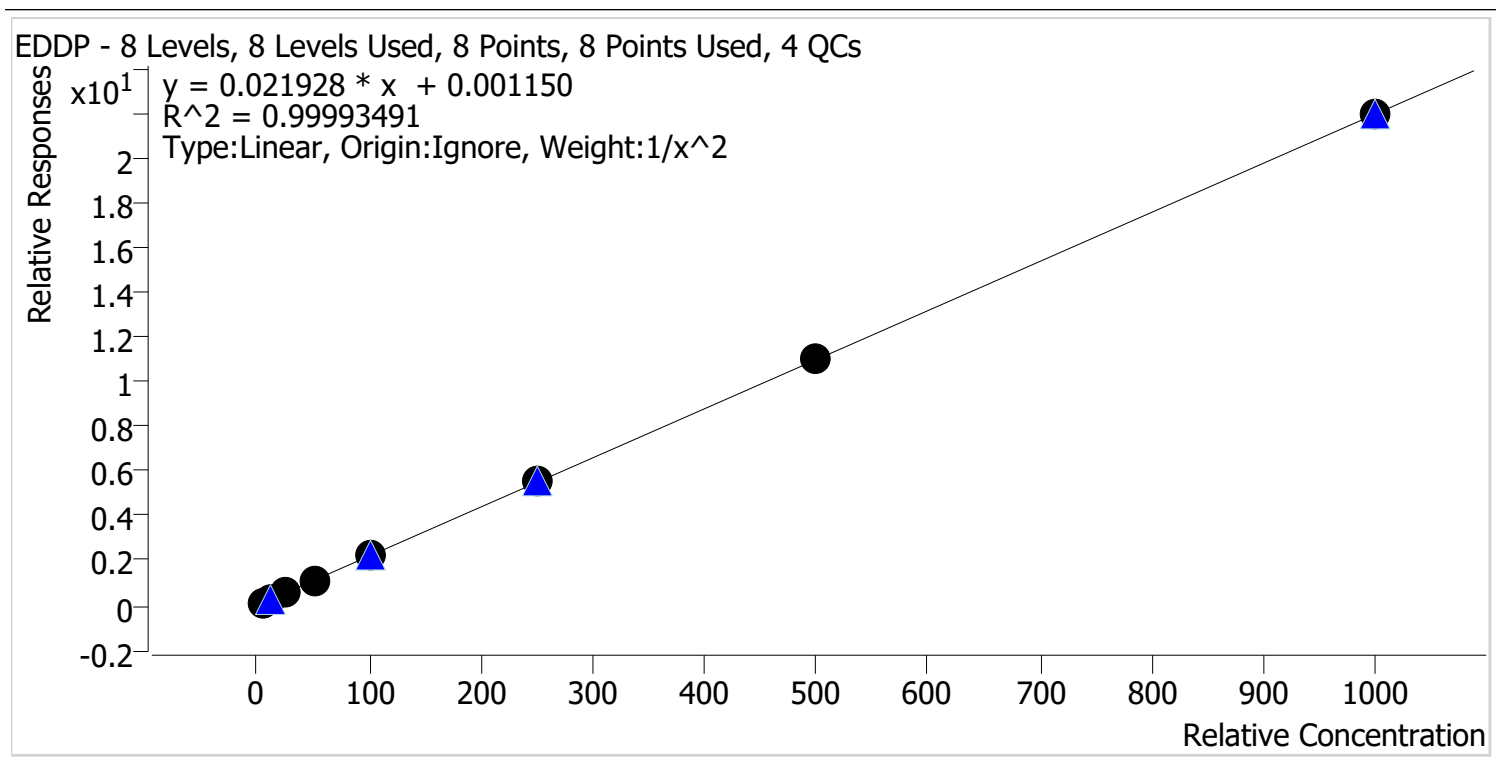


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng r	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng_r	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng_r	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng_r	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng_r	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng_r	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng_r	8	✓	1000.0	994.5	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3



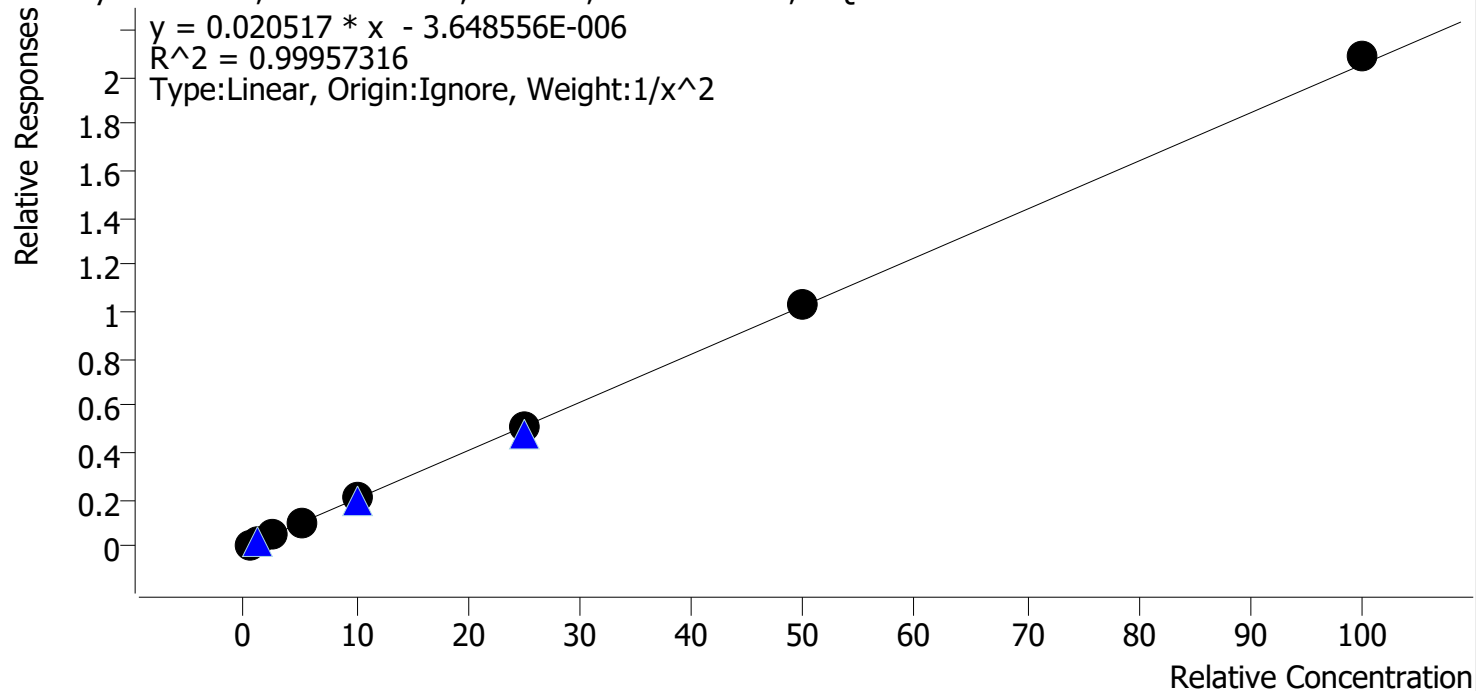
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng_r	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng_r	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng_r	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng_r	8	✓	1000.0	997.7	99.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

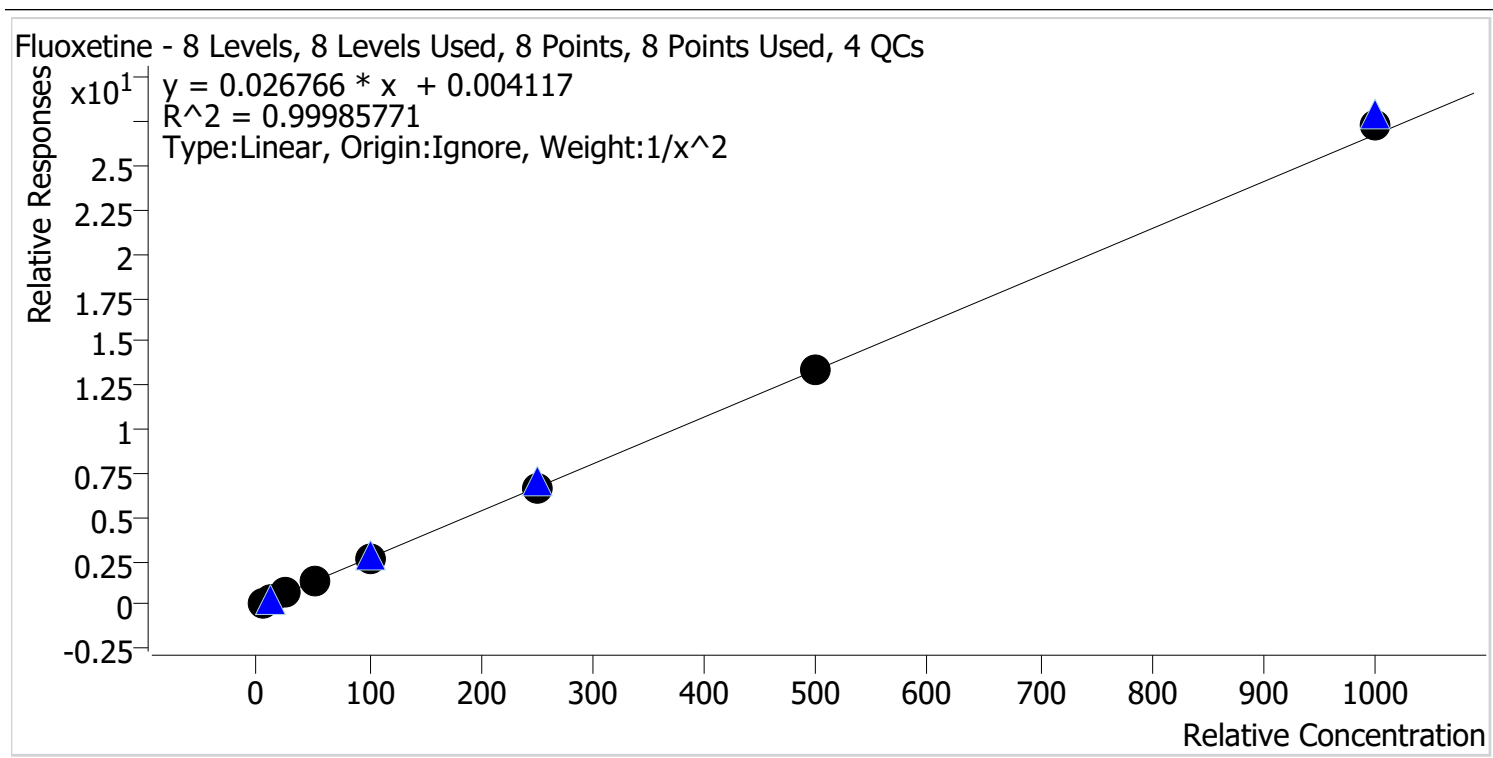


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	100.8
p1 Cal 2-10ng r	2	✓	1.0	1.0	100.0
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng r	4	✓	5.0	5.0	100.0
p1 Cal 5-100ng r	5	✓	10.0	10.0	100.3
p1 Cal 6-250ng_r	6	✓	25.0	25.1	100.4
p1 Cal 7-500ng r	7	✓	50.0	50.5	101.1
p1 Cal 8-1000ng_r	8	✓	100.0	101.7	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



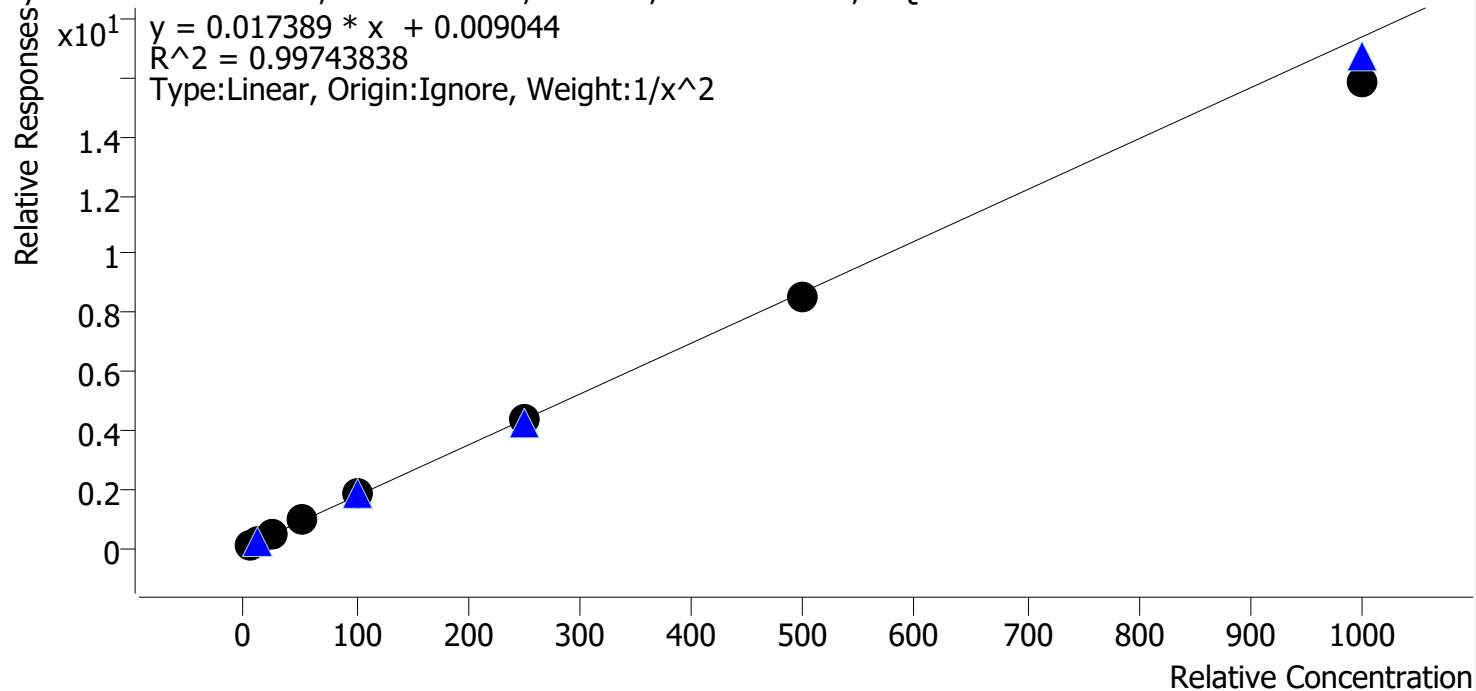
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng_r	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng_r	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng_r	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng_r	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng_r	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng_r	8	✓	1000.0	1019.2	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



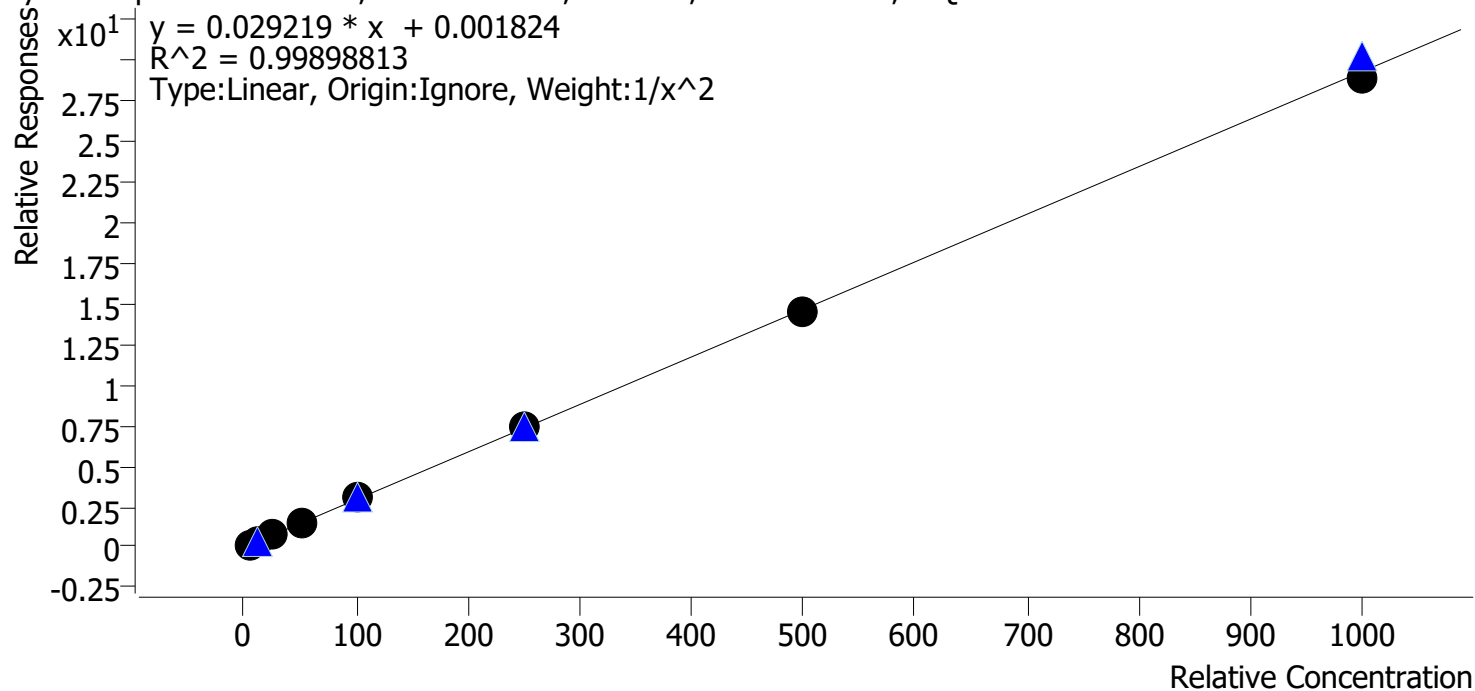
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng_r	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng r	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng r	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng_r	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng r	7	✓	500.0	492.9	98.6
p1 Cal 8-1000ng_r	8	✓	1000.0	911.2	91.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

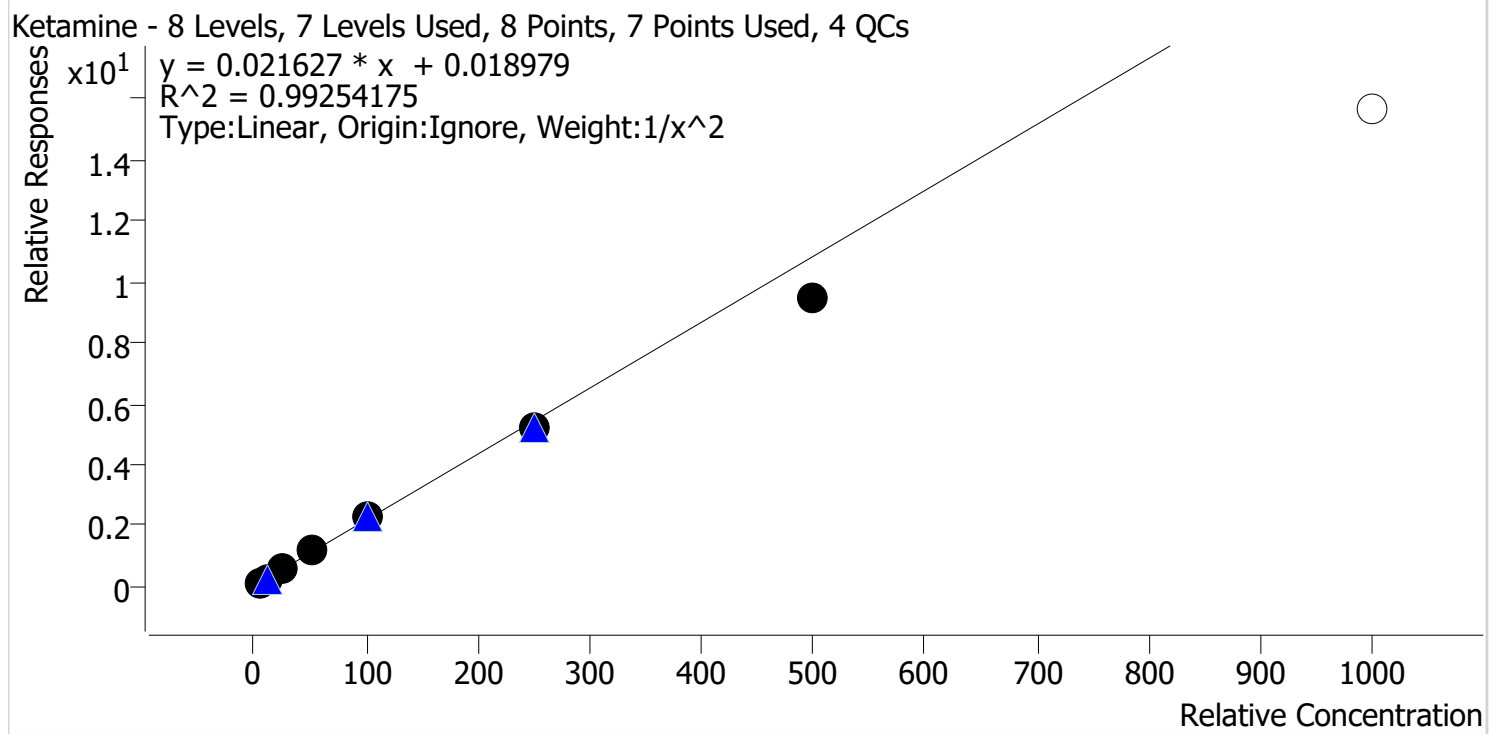


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng r	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng_r	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng_r	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng_r	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng_r	7	✓	500.0	496.7	99.3
p1 Cal 8-1000ng_r	8	✓	1000.0	987.8	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



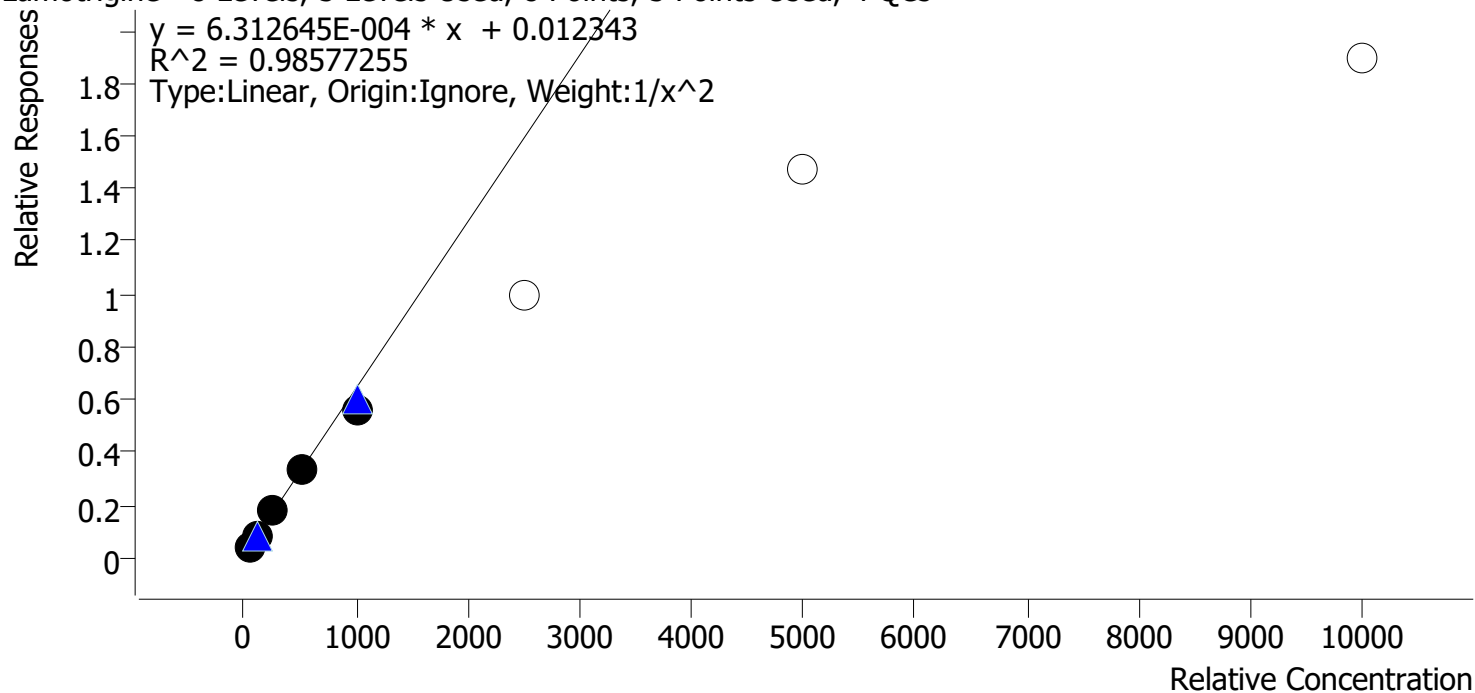
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng r	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng_r	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng r	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng r	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng_r	6	✓	250.0	239.3	95.7
p1 Cal 7-500ng r	7	✓	500.0	434.4	86.9
p1 Cal 8-1000ng_r	8	✗	1000.0	721.2	72.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

Lamotrigine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



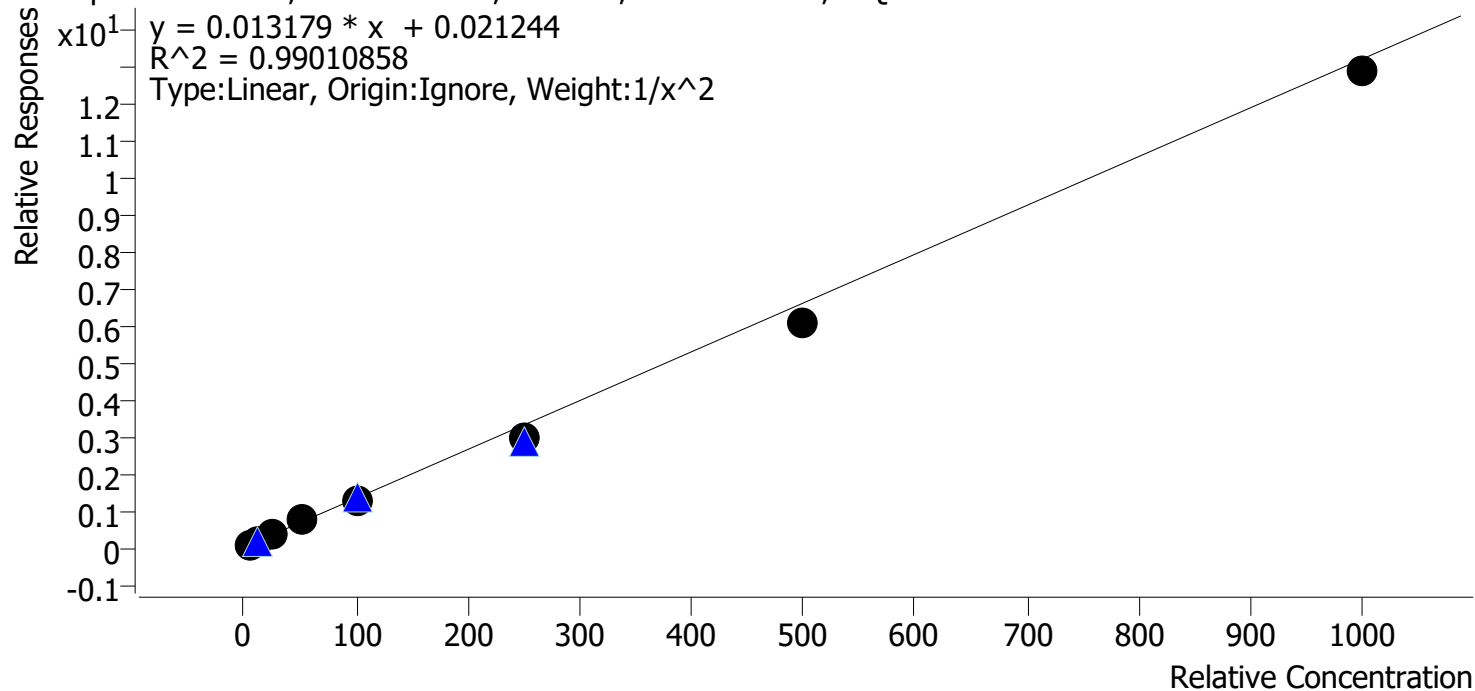
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	50.0	47.3	94.6
p1 Cal 2-10ng r	2	✓	100.0	108.4	108.4
p1 Cal 3 -25ng_r	3	✓	250.0	271.7	108.7
p1 Cal 4-50ng_r	4	✓	500.0	505.8	101.2
p1 Cal 5-100ng_r	5	✓	1000.0	871.5	87.1
p1 Cal 6-250ng_r	6	✗	2500.0	1565.2	62.6
p1 Cal 7-500ng_r	7	✗	5000.0	2317.0	46.3
p1 Cal 8-1000ng_r	8	✗	10000.0	2978.3	29.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.6	93.0
p1 Cal 2-10ng r	2	✓	10.0	10.8	107.8
p1 Cal 3 -25ng_r	3	✓	25.0	28.4	113.7
p1 Cal 4-50ng_r	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng_r	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng_r	6	✓	250.0	225.8	90.3
p1 Cal 7-500ng_r	7	✓	500.0	461.8	92.4
p1 Cal 8-1000ng_r	8	✓	1000.0	973.7	97.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/23/2024 4:32 AM

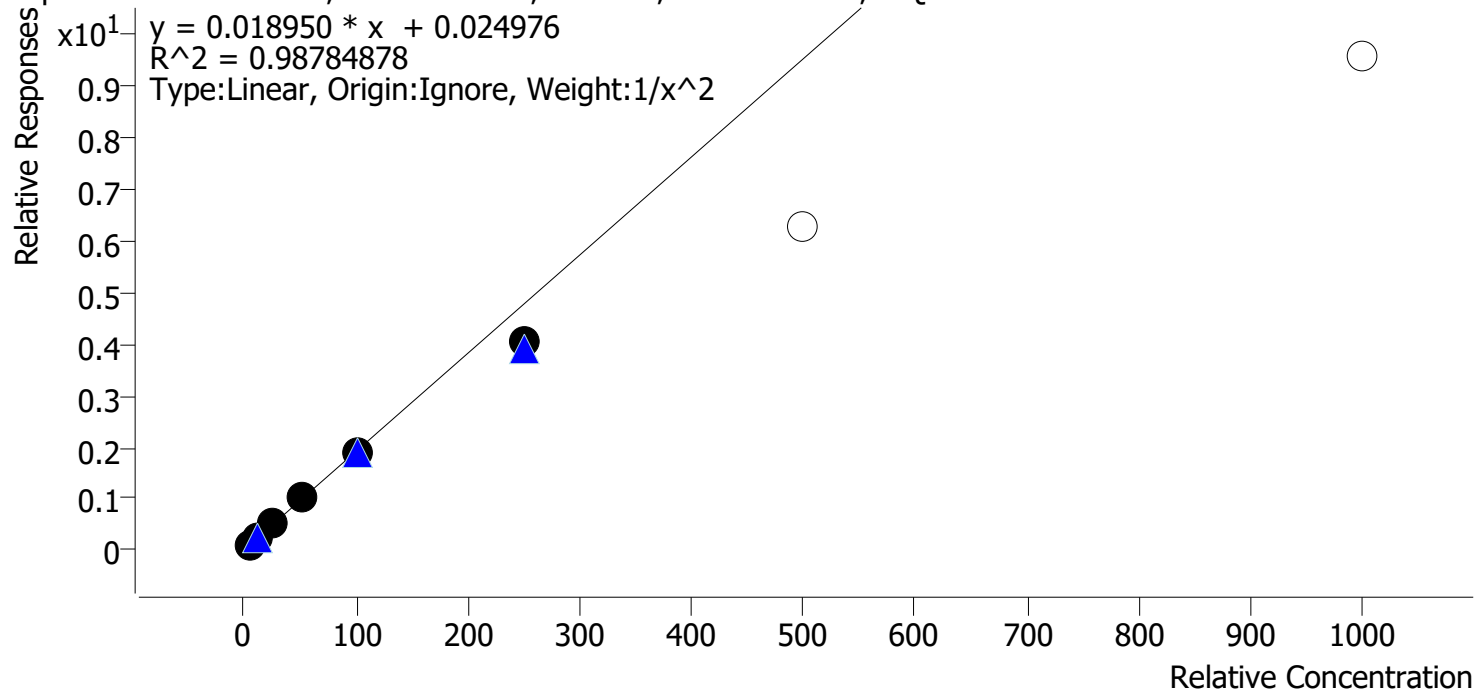
Analyst Name ISP\Datastor

Analyte Meprobamate

Internal Standard

Meprobamate-D7

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

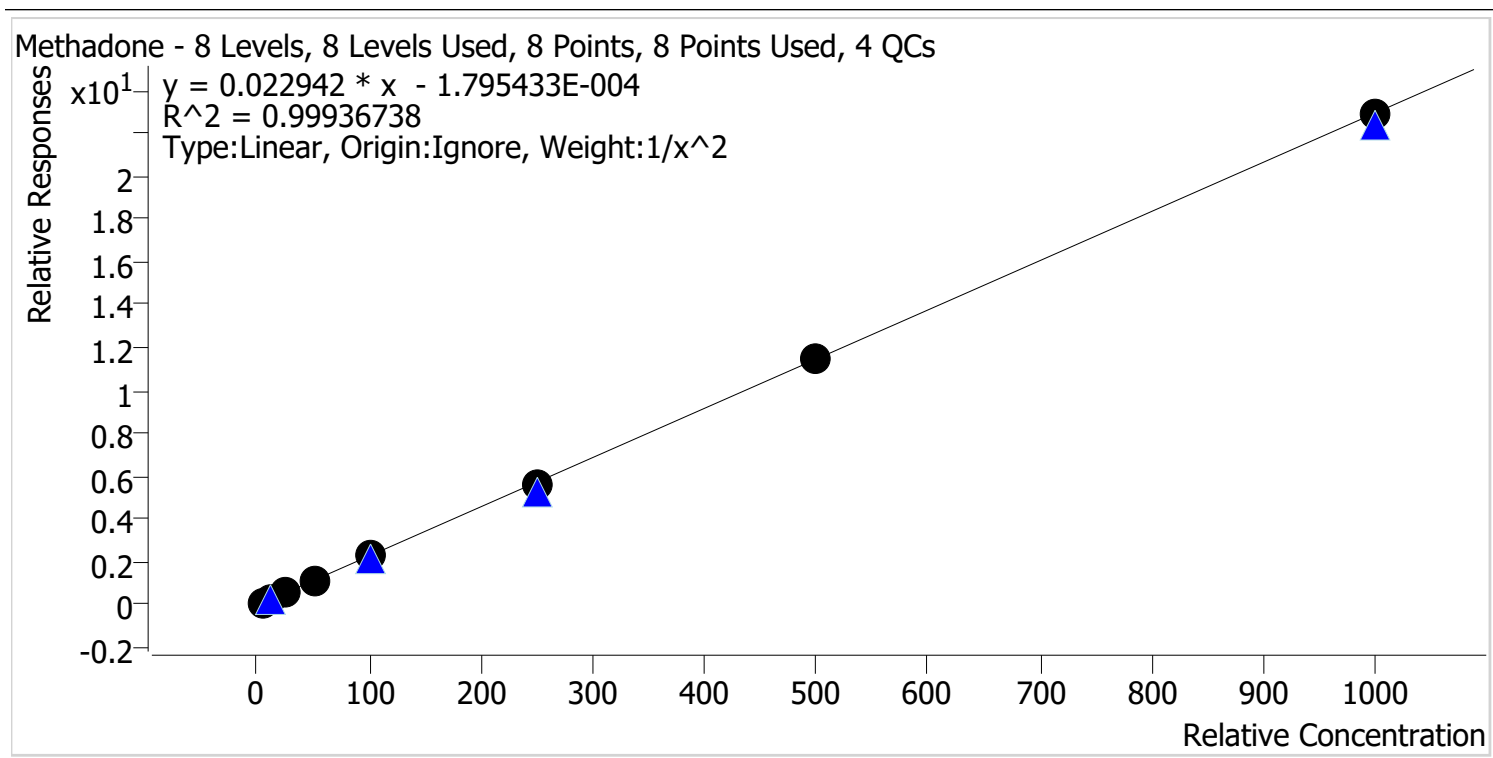


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng r	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng_r	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng_r	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng_r	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng_r	6	✓	250.0	211.9	84.8
p1 Cal 7-500ng_r	7	✗	500.0	328.1	65.6
p1 Cal 8-1000ng_r	8	✗	1000.0	502.2	50.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



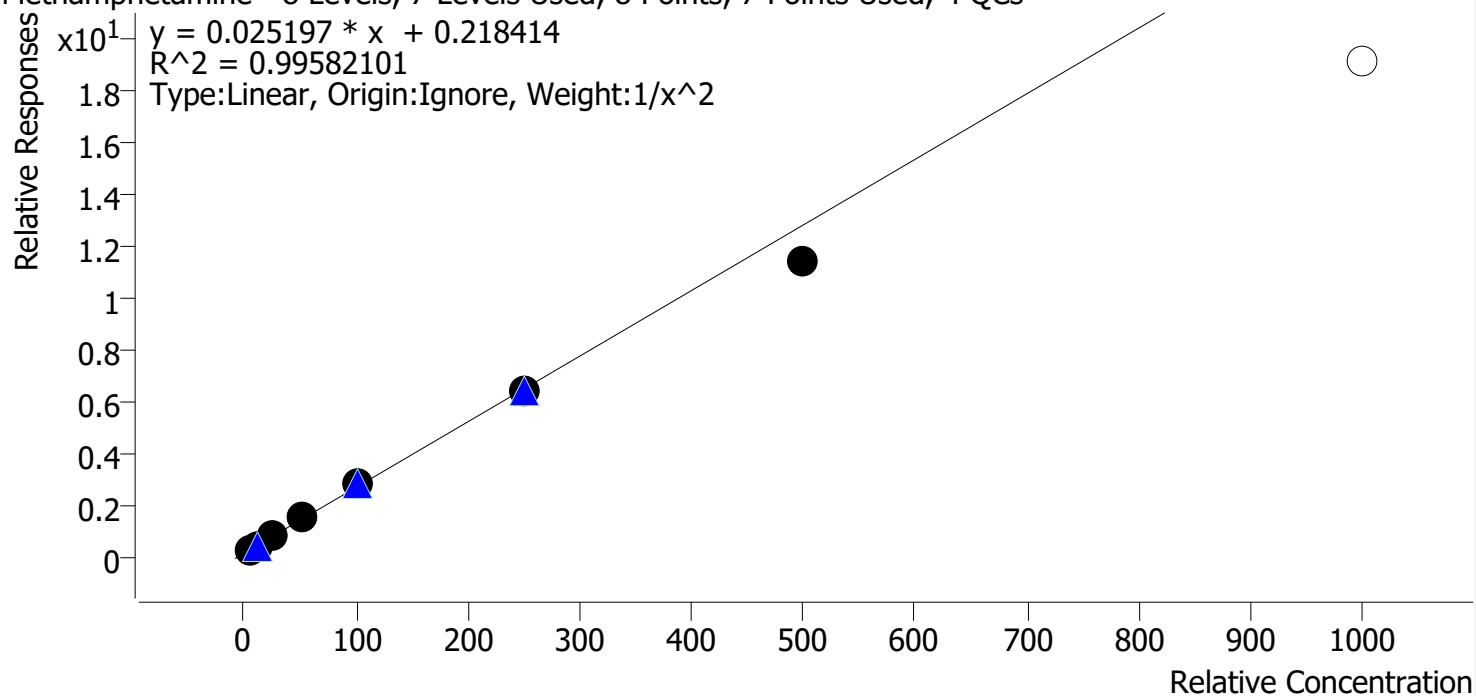
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng r	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng r	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng_r	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng r	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng_r	8	✓	1000.0	996.8	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng_r	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng_r	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng_r	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng_r	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng_r	7	✓	500.0	446.2	89.2
p1 Cal 8-1000ng_r	8	✗	1000.0	749.0	74.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/23/2024 4:32 AM

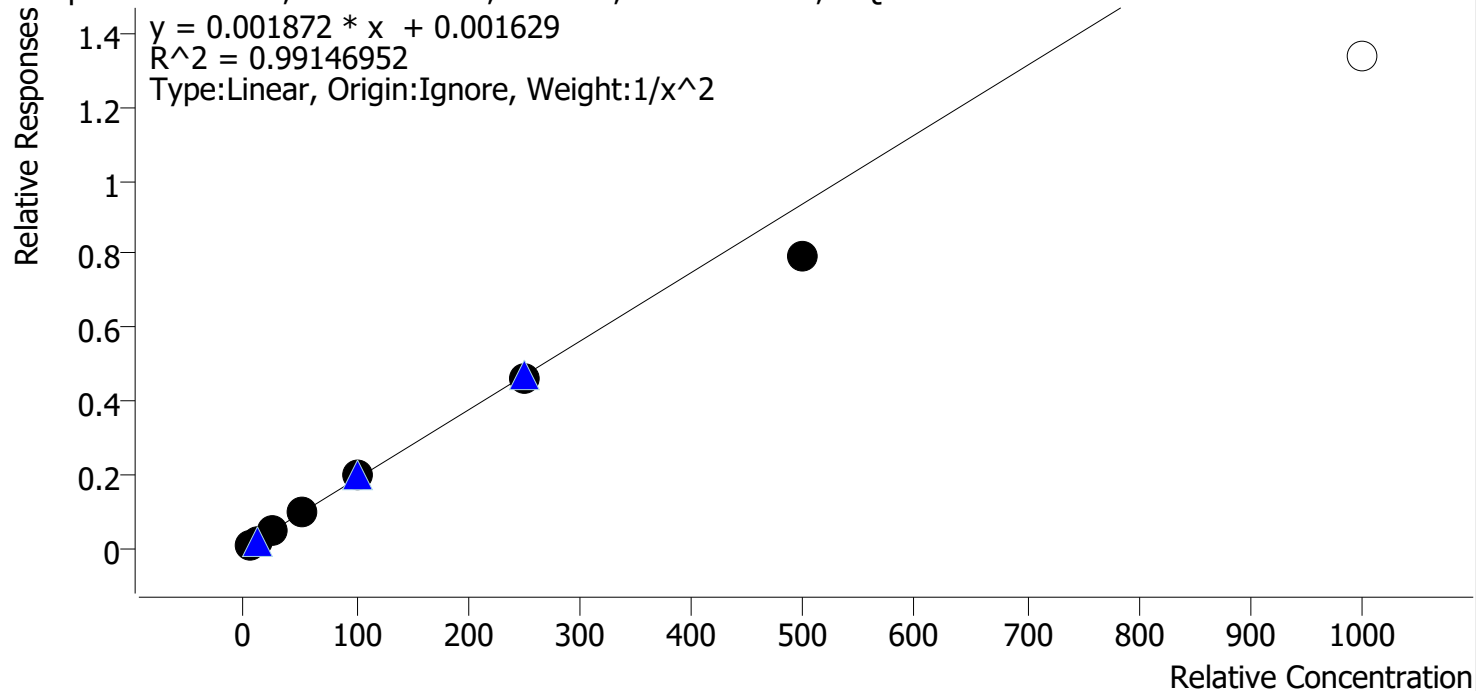
Analyst Name ISP\Datastor

Analyte Metoprolol

Internal Standard

Tramadol-13C-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



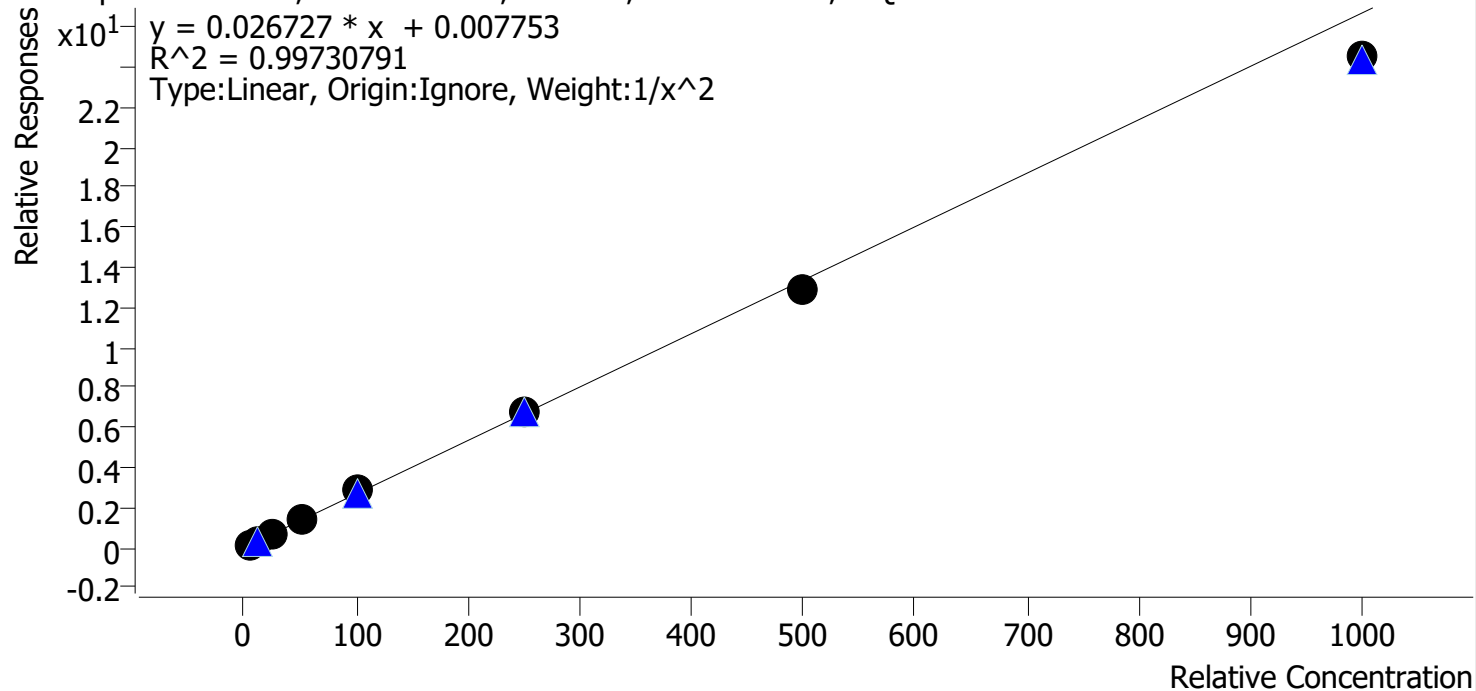
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng r	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng_r	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng_r	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng_r	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng_r	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng_r	7	✓	500.0	421.3	84.3
p1 Cal 8-1000ng_r	8	✗	1000.0	713.2	71.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

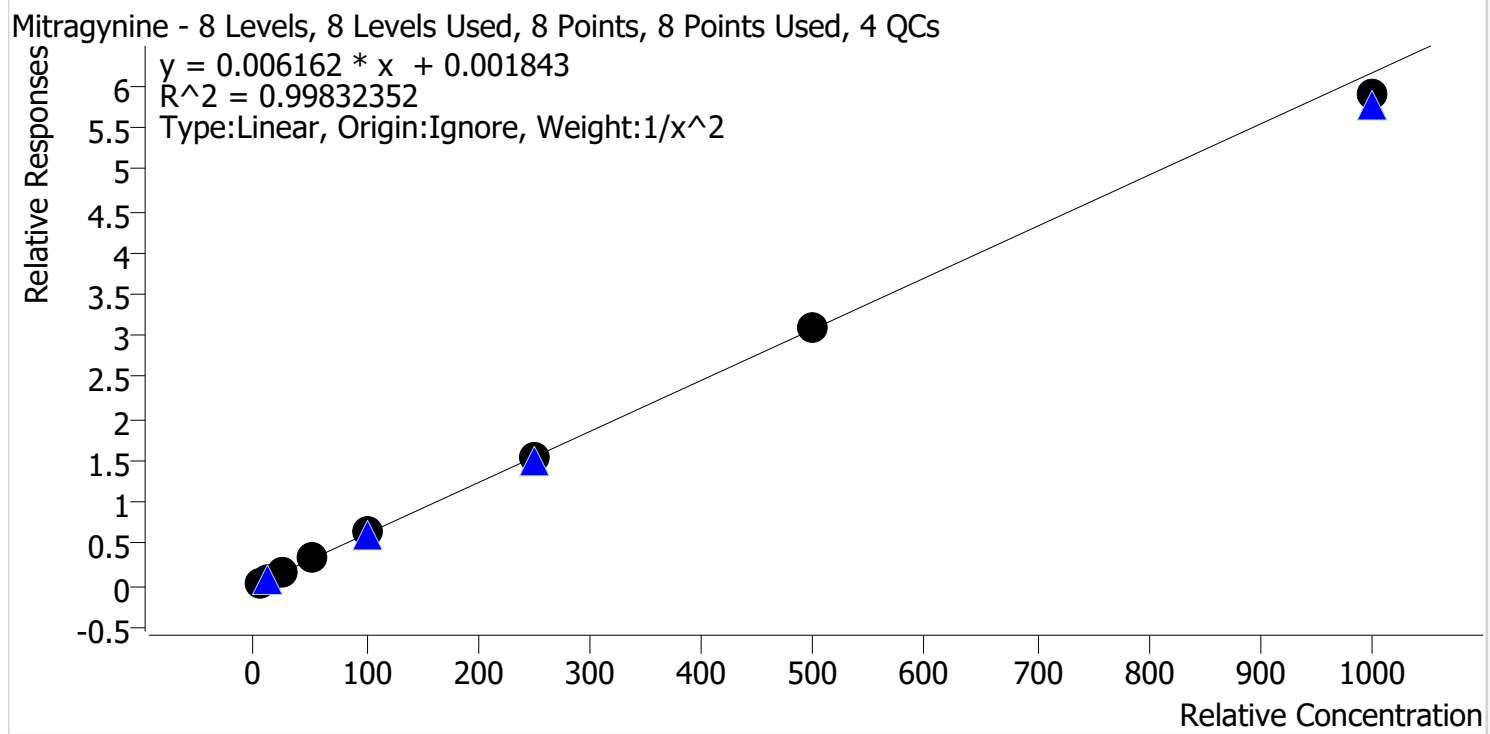
Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng_r	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng_r	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng_r	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng_r	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng_r	7	✓	500.0	484.2	96.8
p1 Cal 8-1000ng_r	8	✓	1000.0	918.3	91.8

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

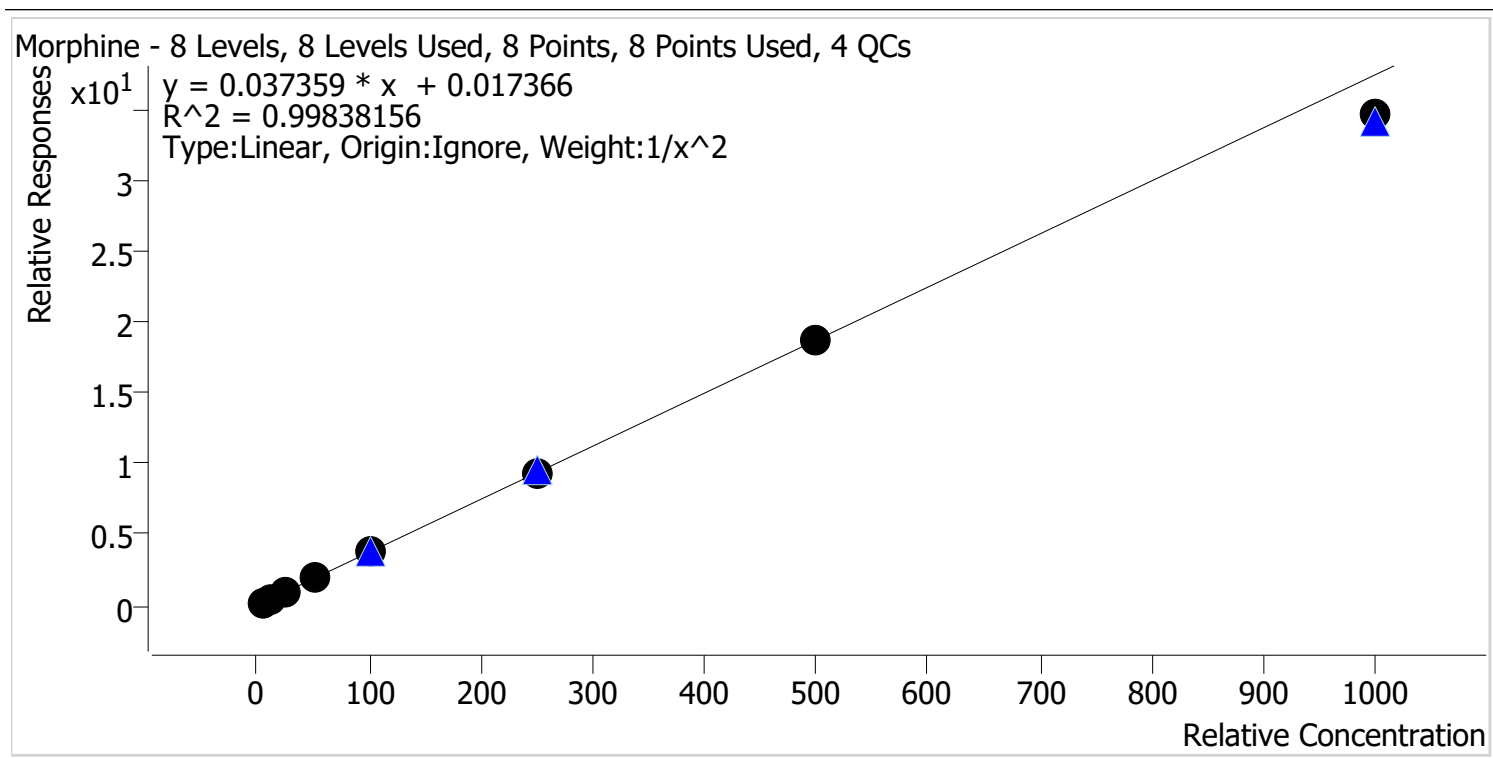


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng_r	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng r	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng r	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng_r	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng r	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng_r	8	✓	1000.0	957.4	95.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



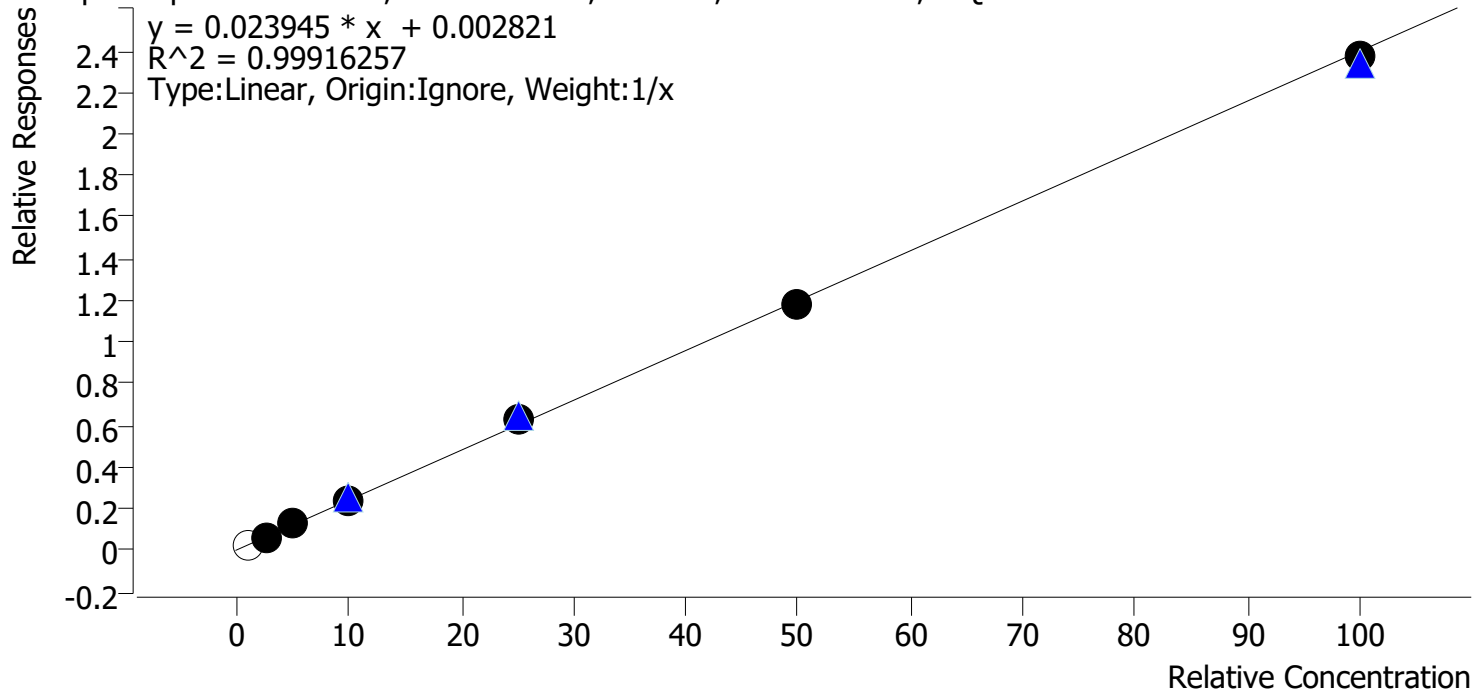
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng_r	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng_r	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng_r	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng_r	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng_r	7	✓	500.0	499.5	99.9
p1 Cal 8-1000ng_r	8	✓	1000.0	925.0	92.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 7 Levels, 6 Levels Used, 7 Points, 6 Points Used, 4 QCs



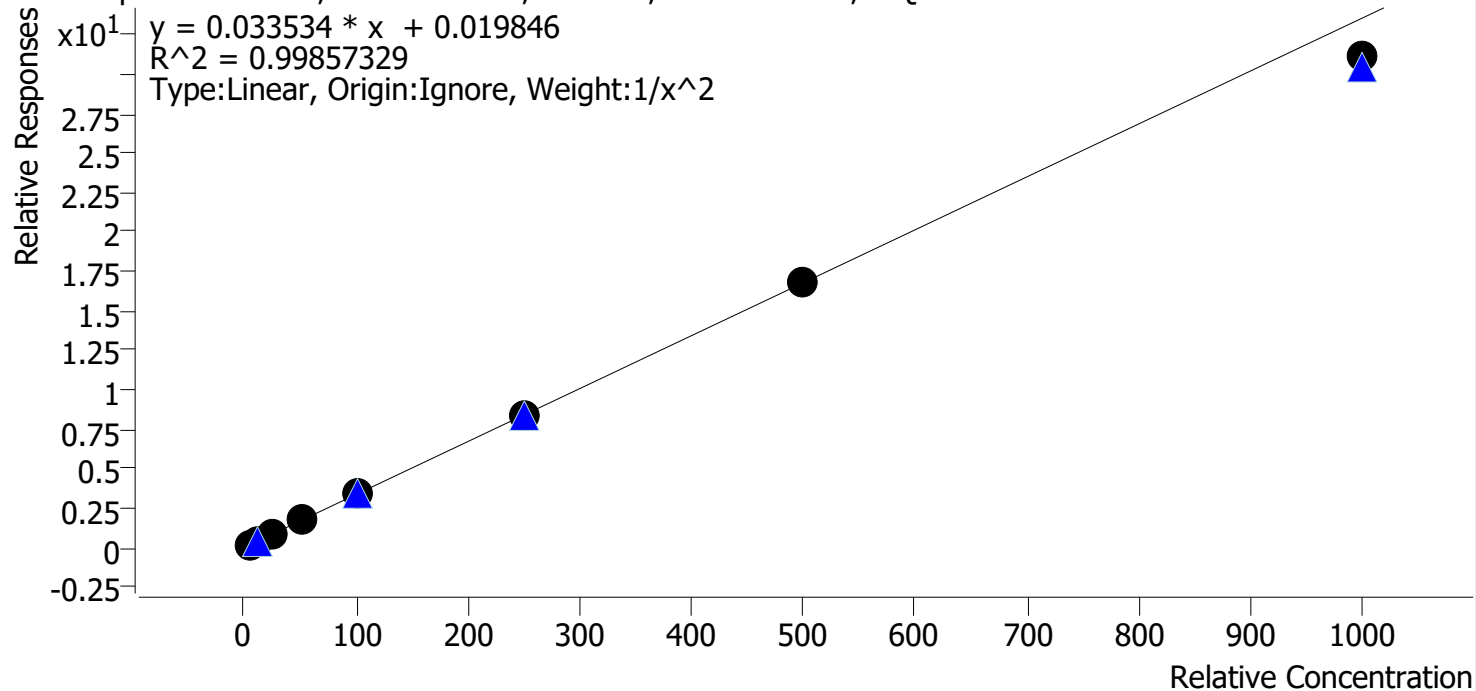
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng_r	2	x	1.0	1.1	112.0
p1 Cal 3-25ng_r	3	✓	2.5	2.3	94.0
p1 Cal 4-50ng_r	4	✓	5.0	5.0	100.5
p1 Cal 5-100ng_r	5	✓	10.0	10.1	101.4
p1 Cal 6-250ng_r	6	✓	25.0	26.5	106.2
p1 Cal 7-500ng_r	7	✓	50.0	49.6	99.1
p1 Cal 8-1000ng_r	8	✓	100.0	98.9	98.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



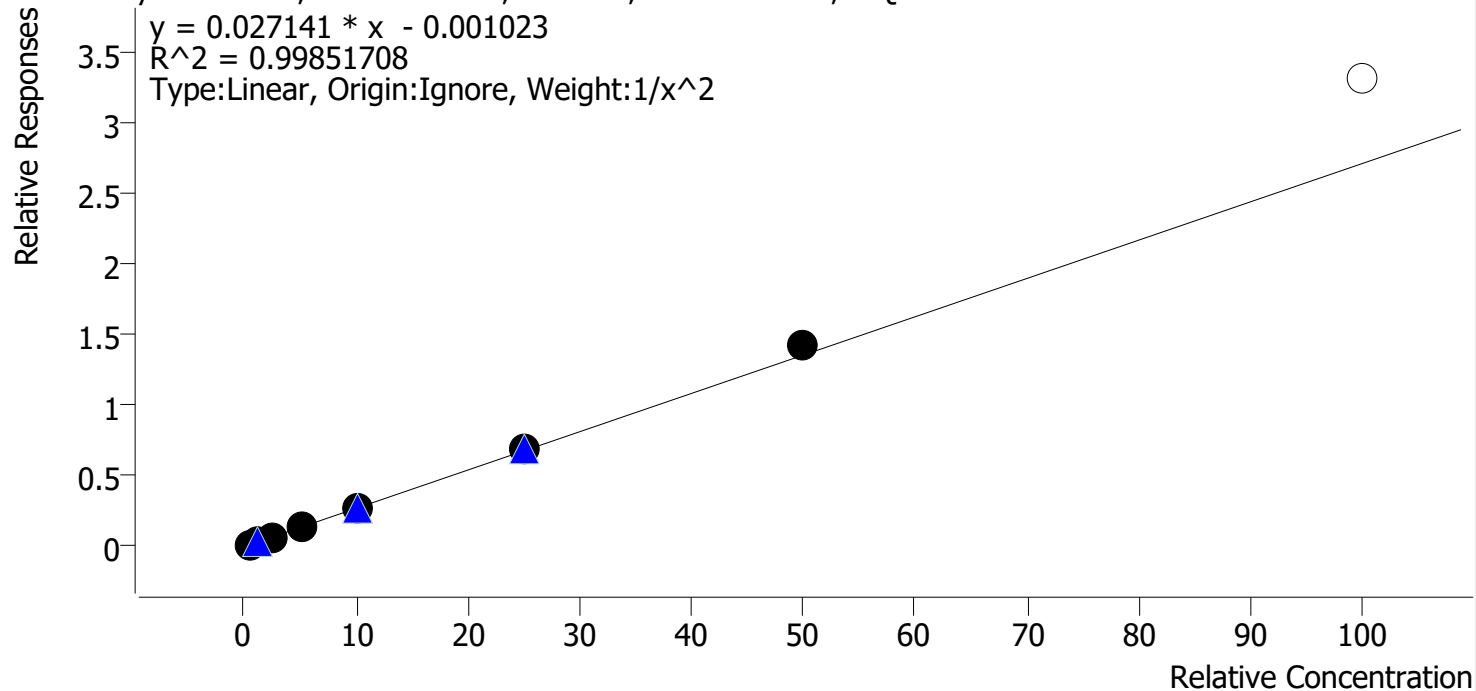
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng_r	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng_r	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng_r	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng_r	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng_r	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng_r	8	✓	1000.0	927.3	92.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

Norfentanyl - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



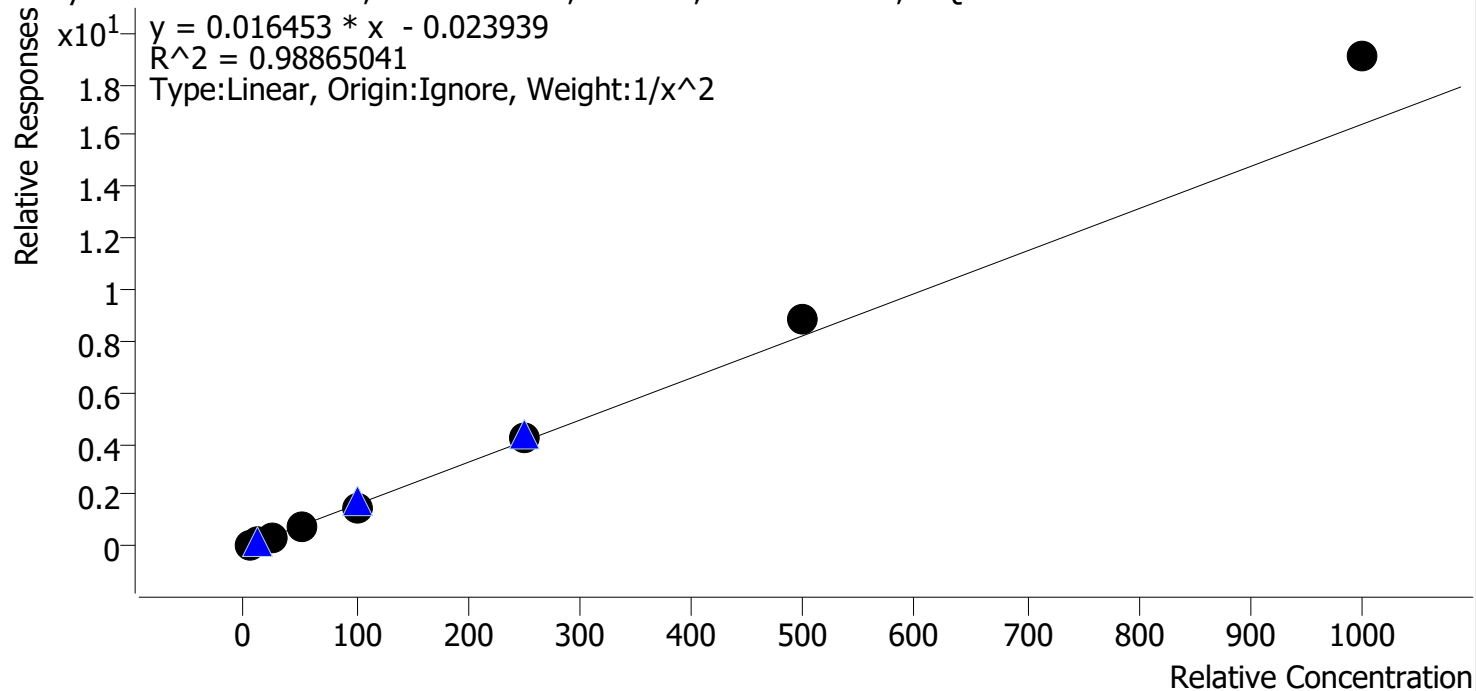
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	100.1
p1 Cal 2-10ng r	2	✓	1.0	1.0	101.8
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	96.9
p1 Cal 4-50ng_r	4	✓	5.0	4.8	96.4
p1 Cal 5-100ng_r	5	✓	10.0	9.8	97.7
p1 Cal 6-250ng_r	6	✓	25.0	25.4	101.6
p1 Cal 7-500ng_r	7	✓	50.0	52.7	105.5
p1 Cal 8-1000ng_r	8	✗	100.0	121.8	121.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



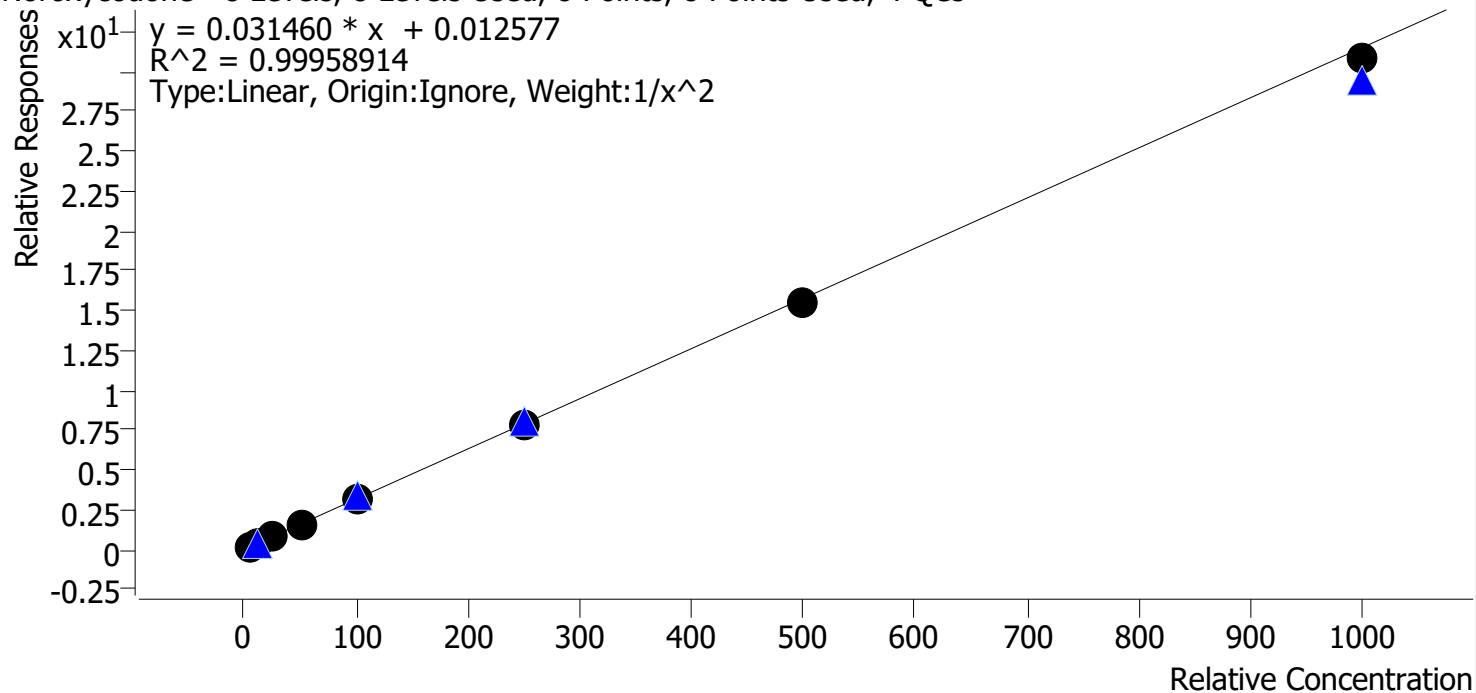
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.3	105.6
p1 Cal 2-10ng r	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng_r	3	✓	25.0	22.2	88.9
p1 Cal 4-50ng_r	4	✓	50.0	46.5	92.9
p1 Cal 5-100ng_r	5	✓	100.0	92.0	92.0
p1 Cal 6-250ng_r	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng_r	7	✓	500.0	536.4	107.3
p1 Cal 8-1000ng_r	8	✓	1000.0	1160.0	116.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng_r	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng_r	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng_r	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng_r	7	✓	500.0	488.9	97.8
p1 Cal 8-1000ng_r	8	✓	1000.0	978.1	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/23/2024 4:32 AM

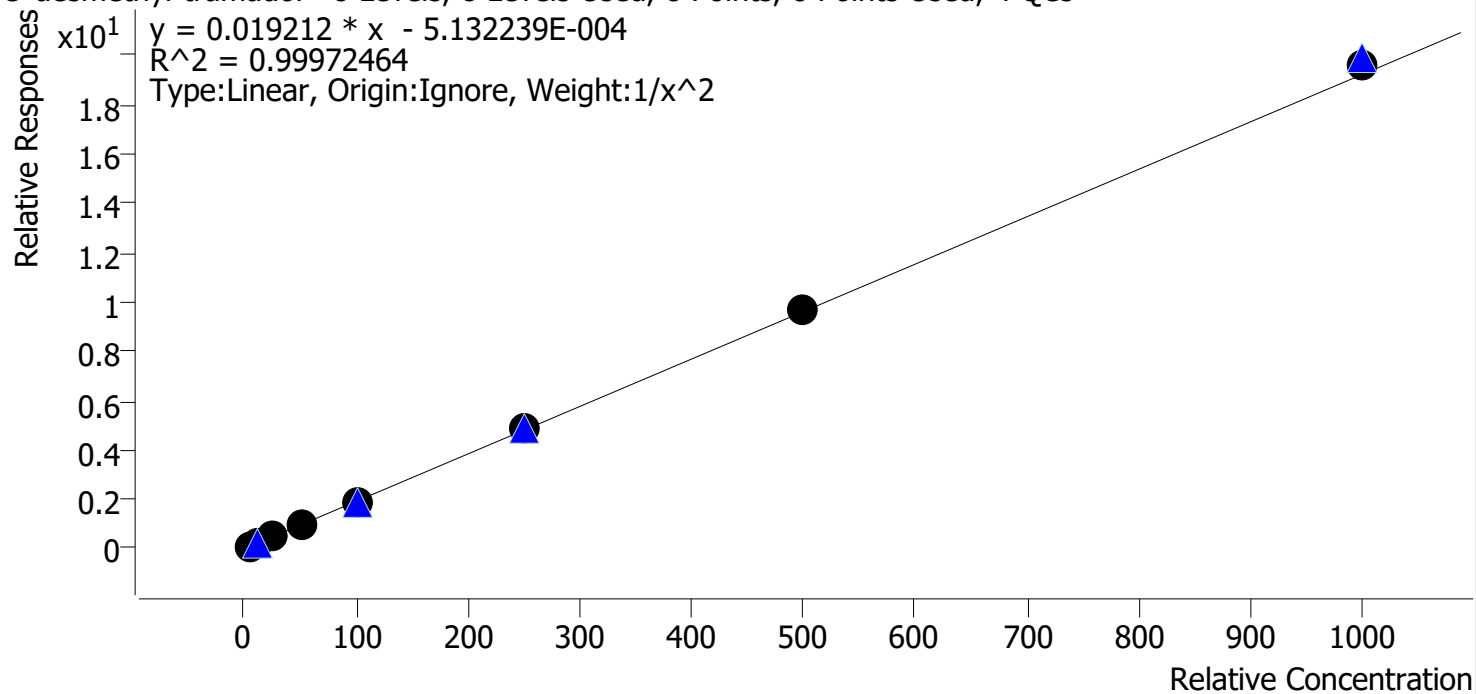
Analyst Name ISP\Datastor

Analyte O-desmethyl-tramadol

Internal Standard

O-desmethyl-tramadol-D6

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



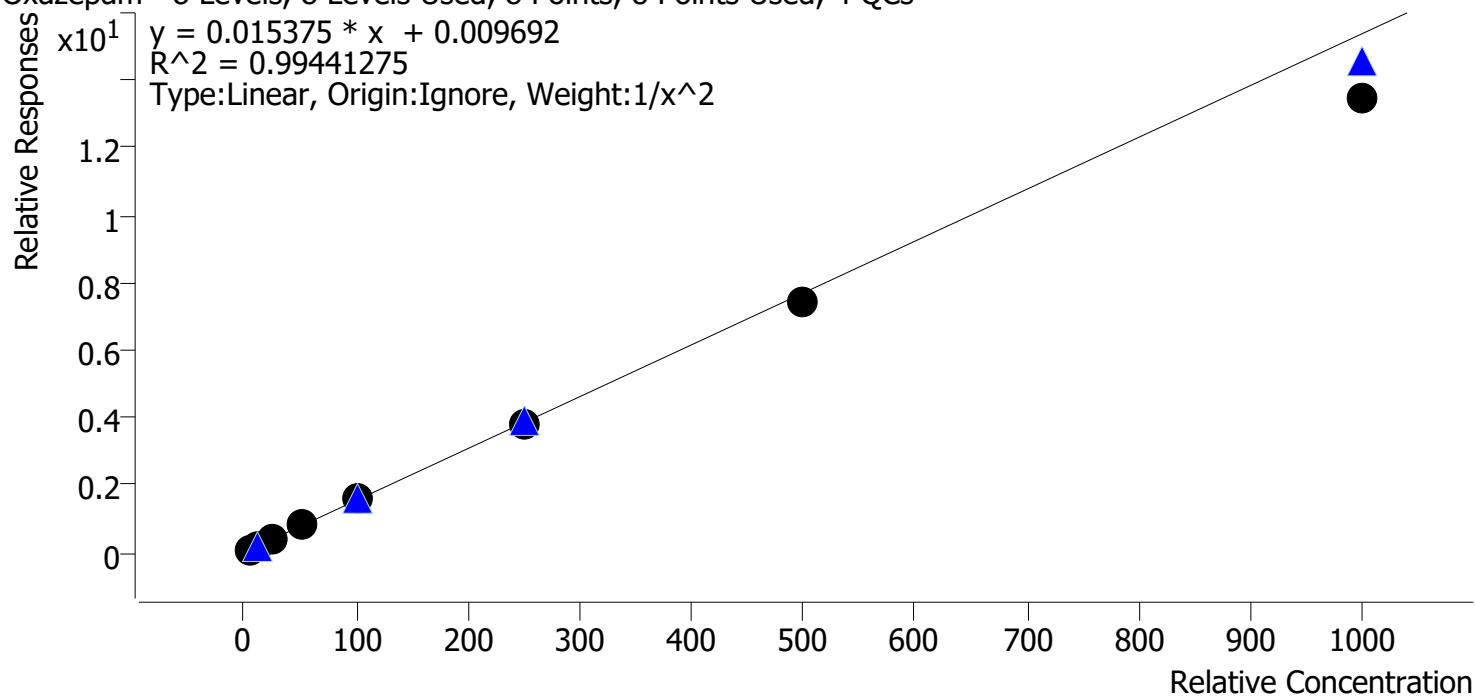
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng_r	2	✓	10.0	9.9	99.1
p1 Cal 3-25ng_r	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng_r	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng_r	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng_r	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng_r	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1021.9	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



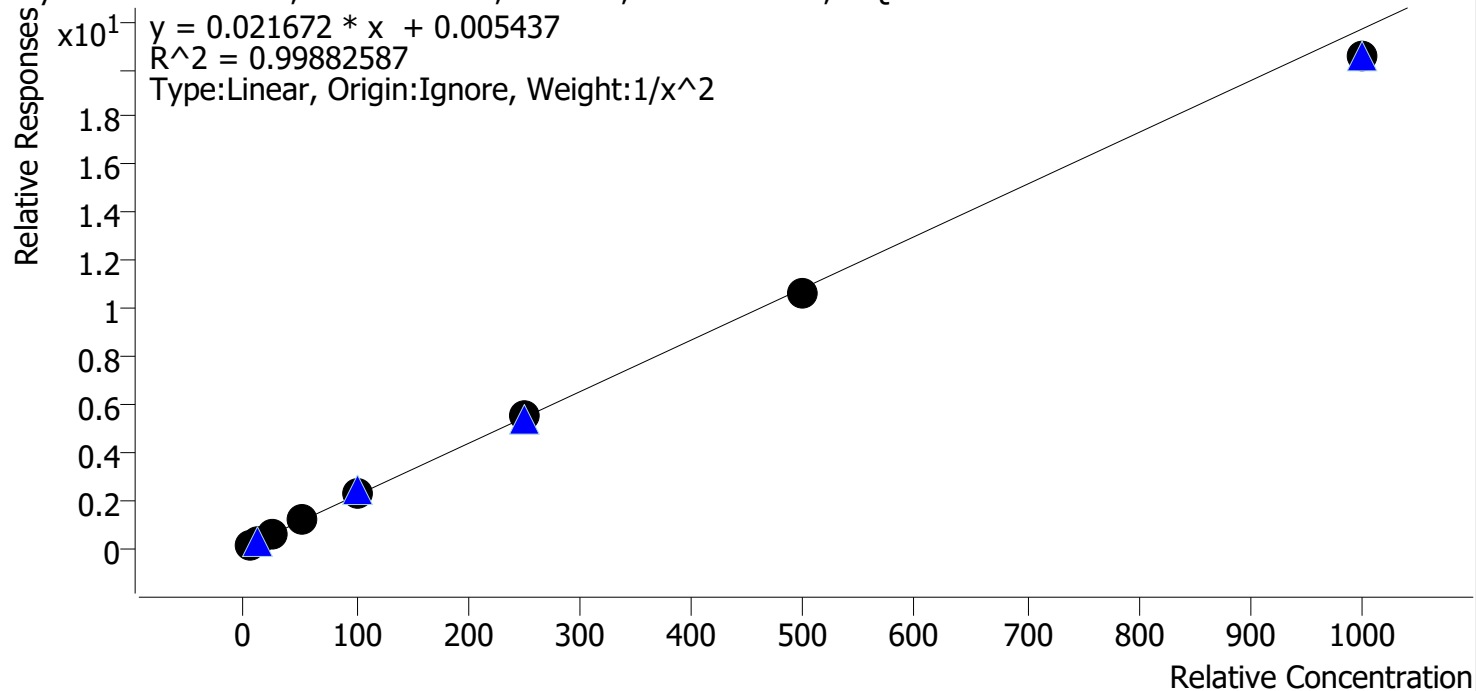
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng_r	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng_r	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng_r	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng_r	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng_r	7	✓	500.0	482.5	96.5
p1 Cal 8-1000ng_r	8	✓	1000.0	875.5	87.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

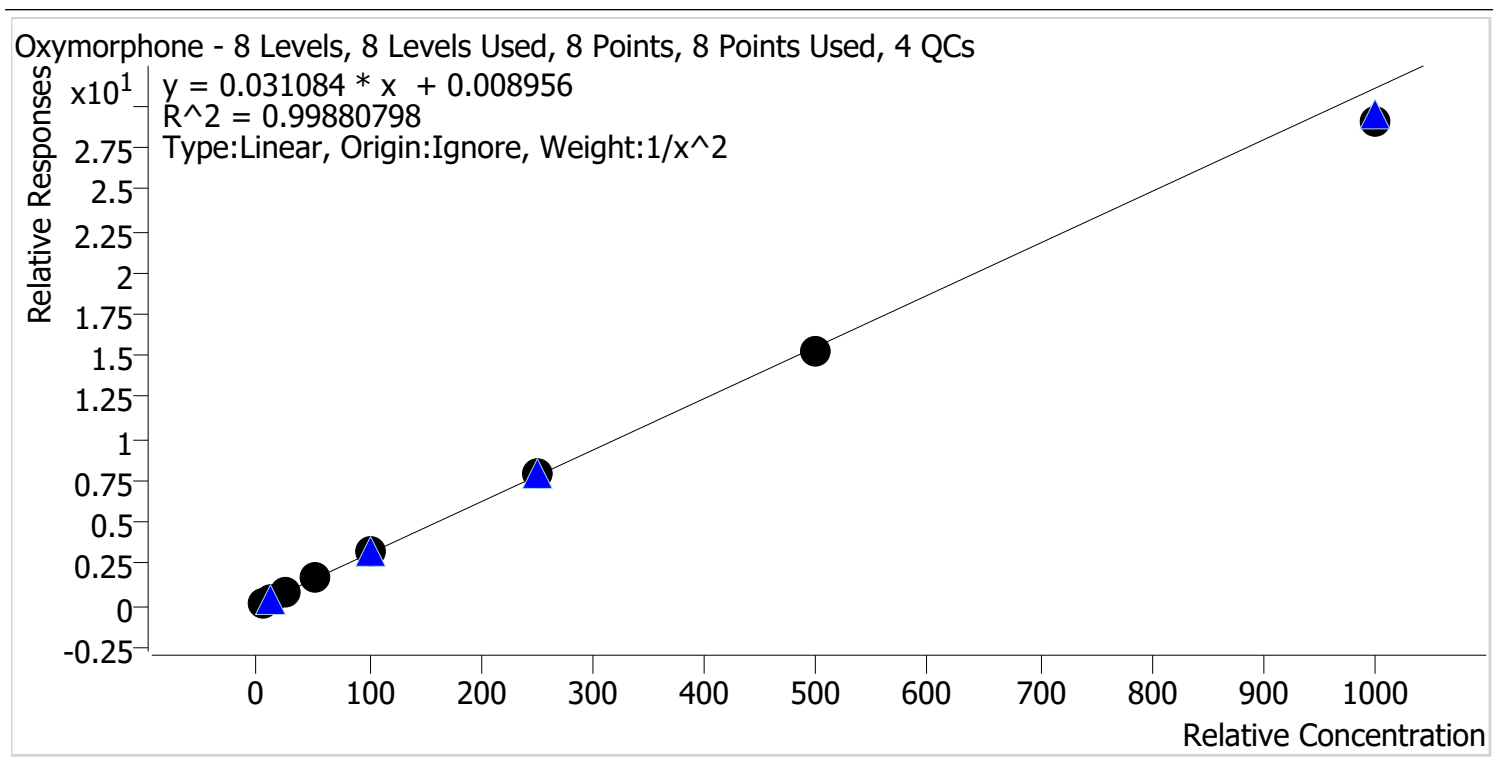


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng_r	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng_r	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng_r	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng_r	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng_r	7	✓	500.0	487.1	97.4
p1 Cal 8-1000ng_r	8	✓	1000.0	946.6	94.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



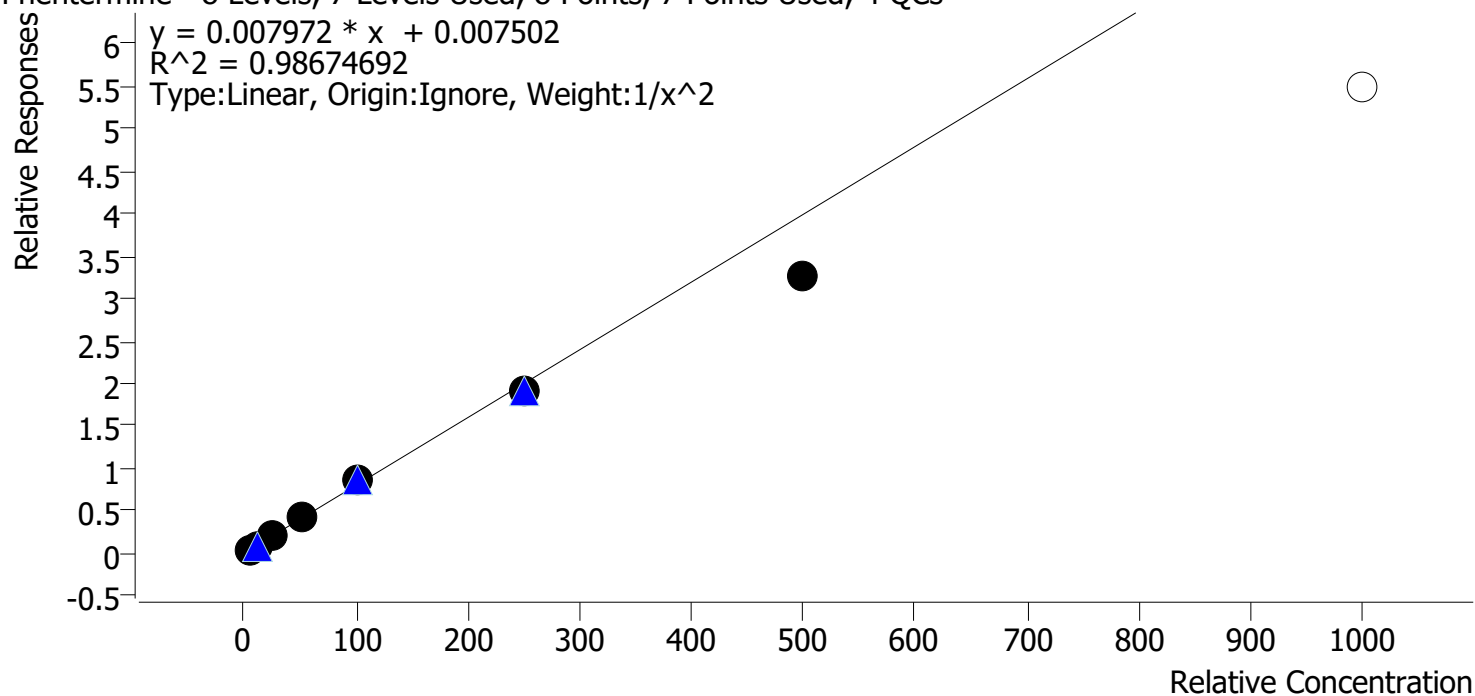
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng_r	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng_r	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng_r	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng_r	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng_r	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng_r	8	✓	1000.0	936.9	93.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

Phentermine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



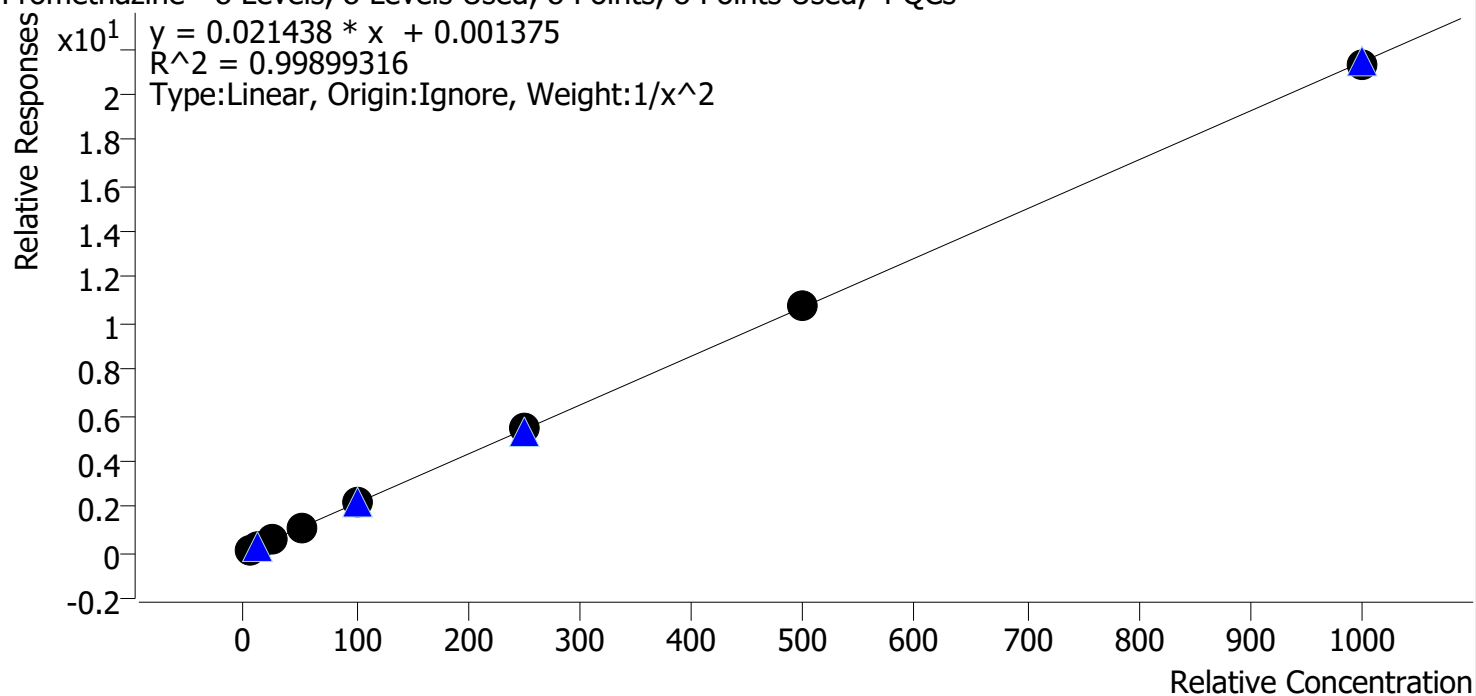
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng r	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng_r	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng_r	4	✓	50.0	54.7	109.3
p1 Cal 5-100ng_r	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng_r	6	✓	250.0	239.3	95.7
p1 Cal 7-500ng_r	7	✓	500.0	408.9	81.8
p1 Cal 8-1000ng_r	8	✗	1000.0	687.4	68.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



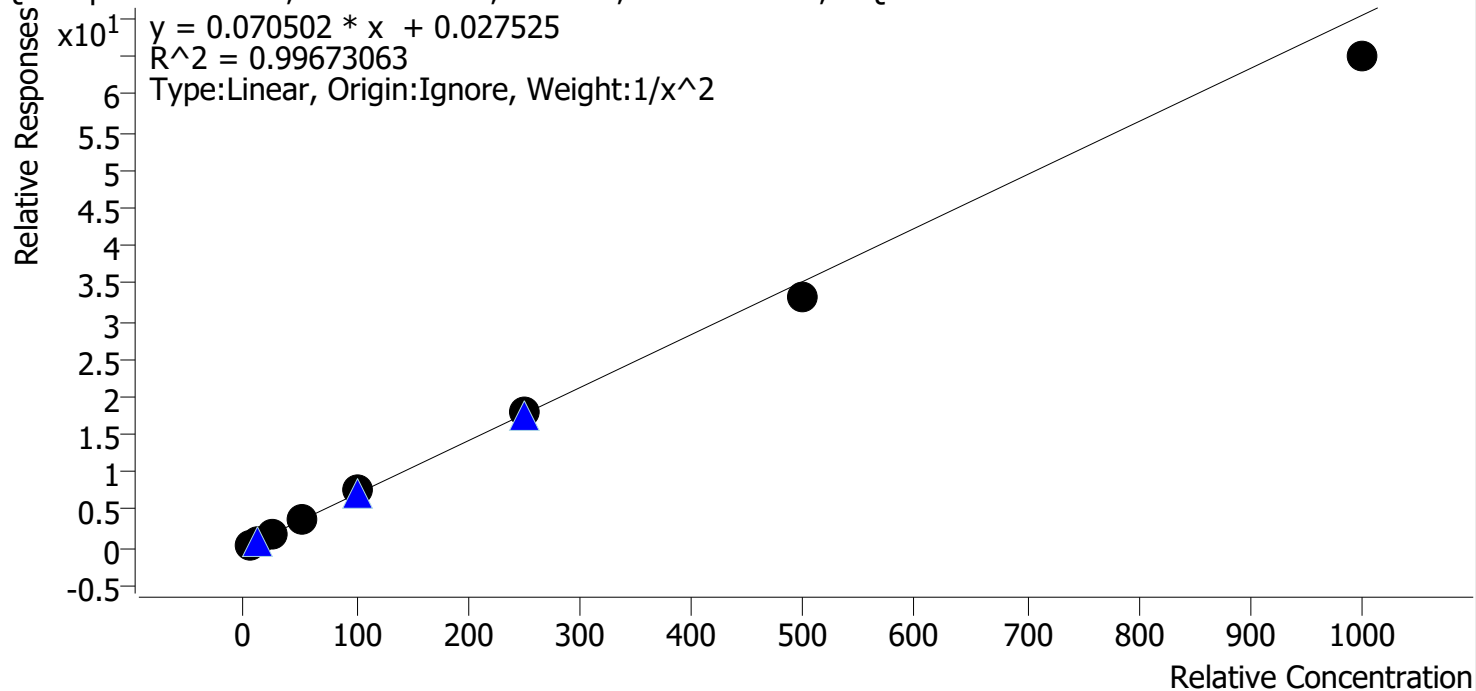
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng r	2	✓	10.0	9.4	93.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng_r	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng_r	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng_r	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng_r	7	✓	500.0	503.8	100.8
p1 Cal 8-1000ng_r	8	✓	1000.0	993.6	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

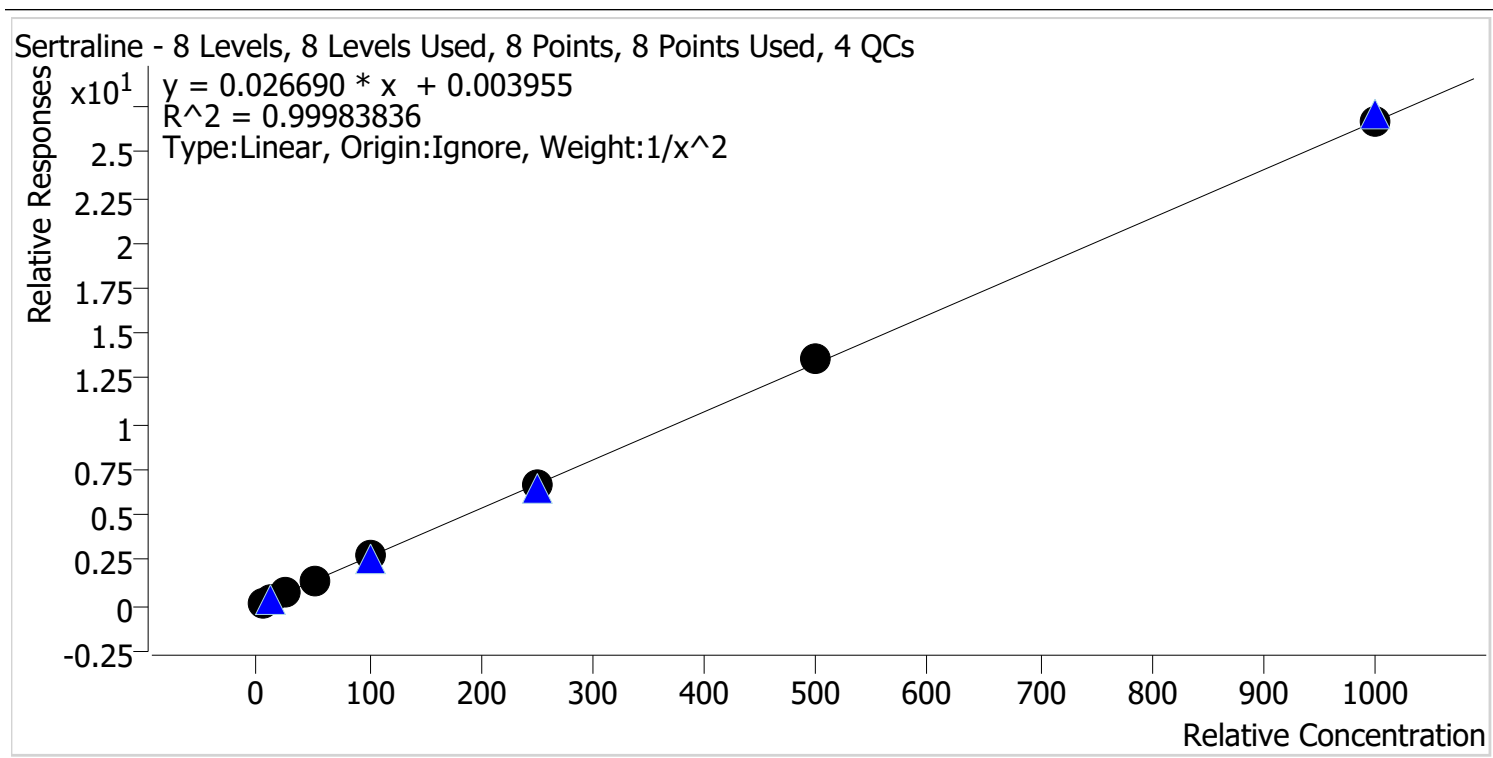


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng r	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng_r	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng_r	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng_r	6	✓	250.0	256.9	102.7
p1 Cal 7-500ng_r	7	✓	500.0	470.4	94.1
p1 Cal 8-1000ng_r	8	✓	1000.0	922.3	92.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



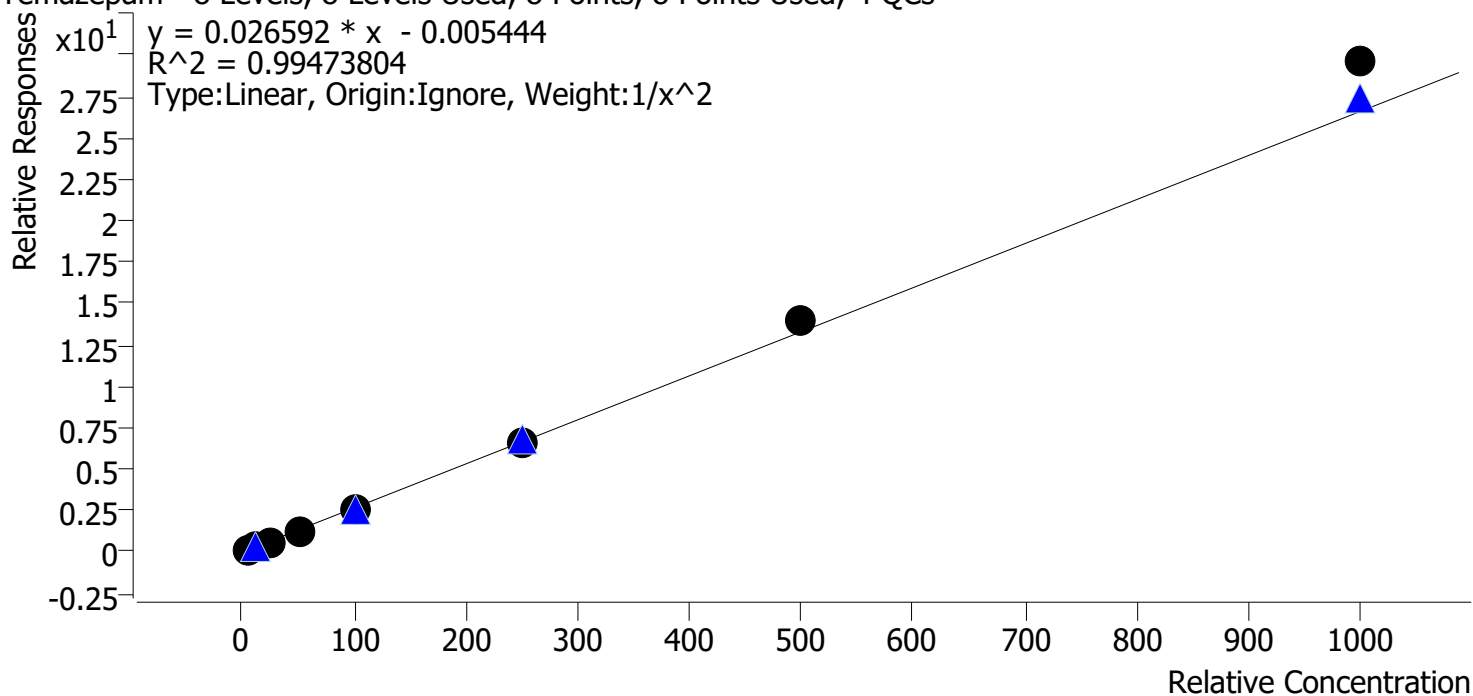
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng_r	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng r	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng r	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng_r	6	✓	250.0	247.1	98.9
p1 Cal 7-500ng r	7	✓	500.0	509.8	102.0
p1 Cal 8-1000ng_r	8	✓	1000.0	1002.0	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng_r	3	✓	25.0	23.4	93.8
p1 Cal 4-50ng_r	4	✓	50.0	46.2	92.3
p1 Cal 5-100ng_r	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng_r	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng_r	7	✓	500.0	525.2	105.0
p1 Cal 8-1000ng_r	8	✓	1000.0	1113.3	111.3



AM #28 Multi-Drug Quant. Calibration Curve Report

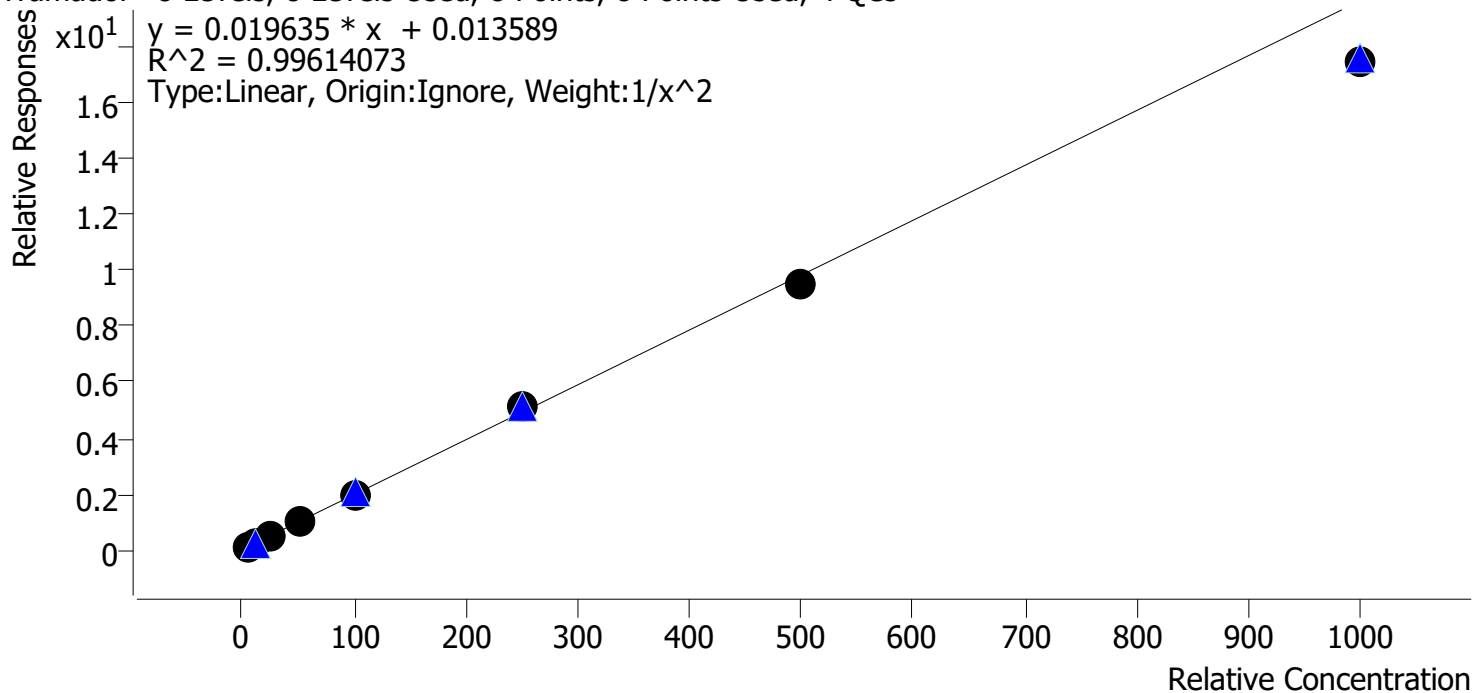
Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/23/2024 4:32 AM

Analyst Name ISP\Datastor

Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



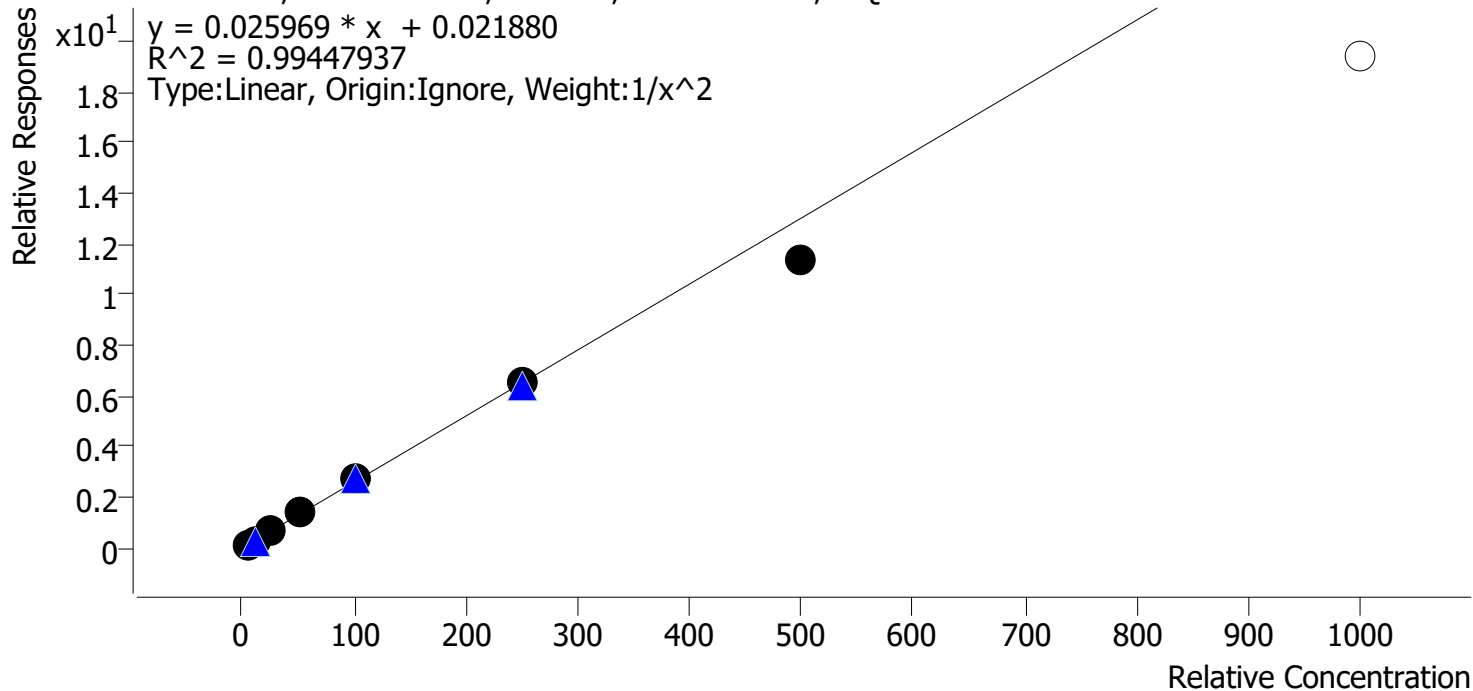
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng_r	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng_r	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng_r	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng_r	6	✓	250.0	262.0	104.8
p1 Cal 7-500ng_r	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng_r	8	✓	1000.0	887.7	88.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

Trazodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

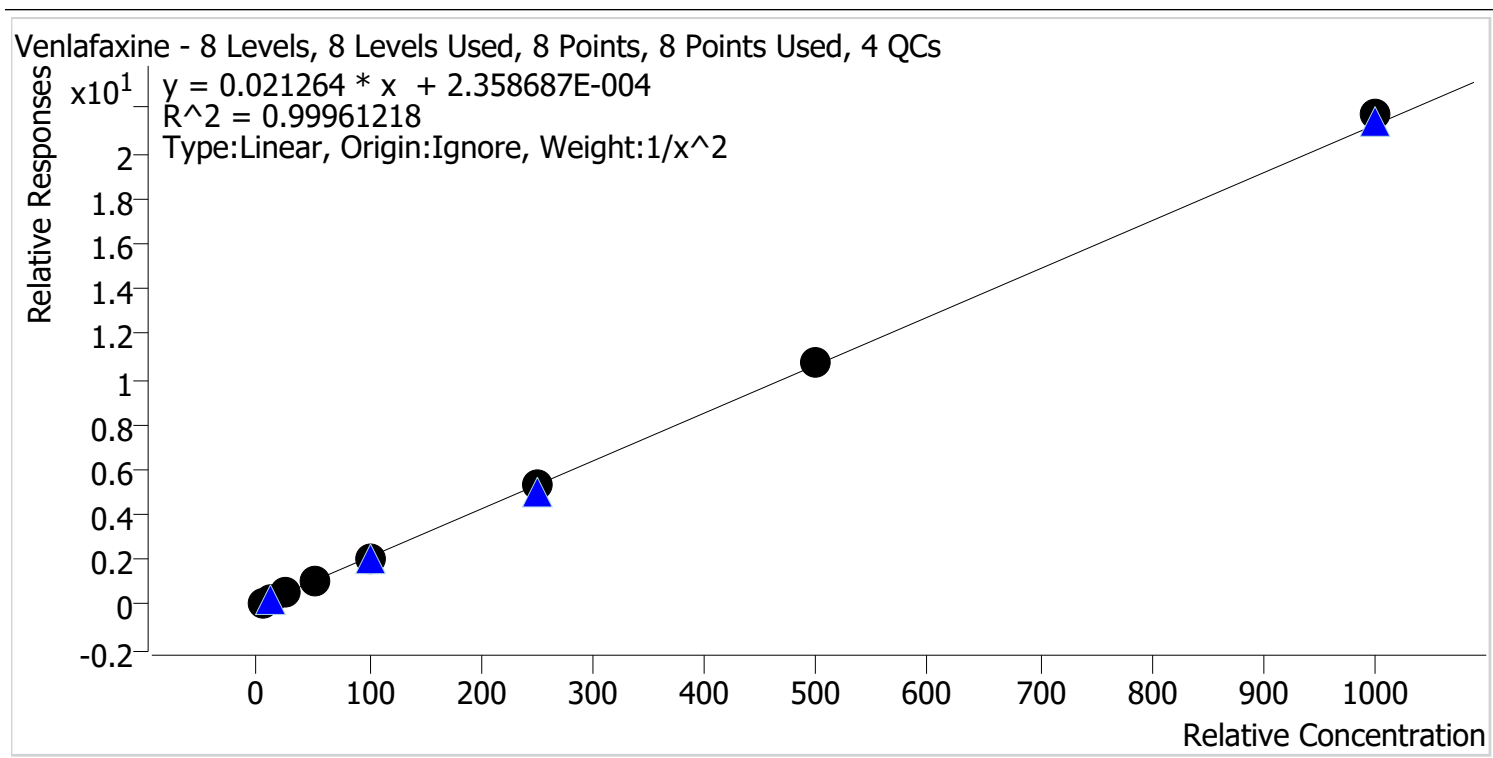


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng_r	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng r	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng r	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng_r	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng r	7	✓	500.0	435.5	87.1
p1 Cal 8-1000ng_r	8	✗	1000.0	744.7	74.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

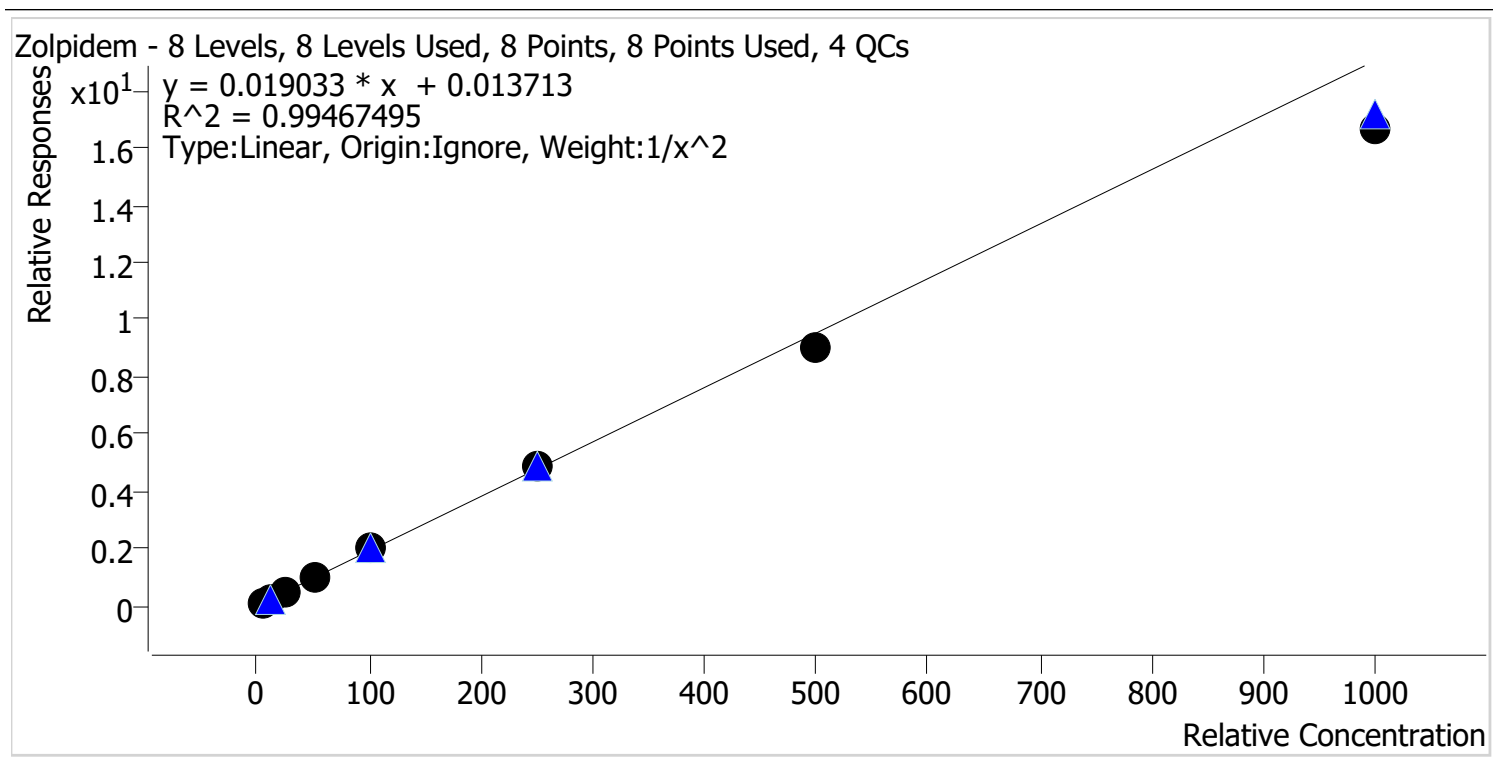


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng_r	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng_r	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng_r	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng_r	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng_r	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng_r	8	✓	1000.0	1021.2	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/23/2024 4:32 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng_r	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng_r	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng_r	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng_r	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng_r	7	✓	500.0	475.7	95.1
p1 Cal 8-1000ng_r	8	✓	1000.0	875.7	87.6



AM #28 Multi-Drug Quant. Results

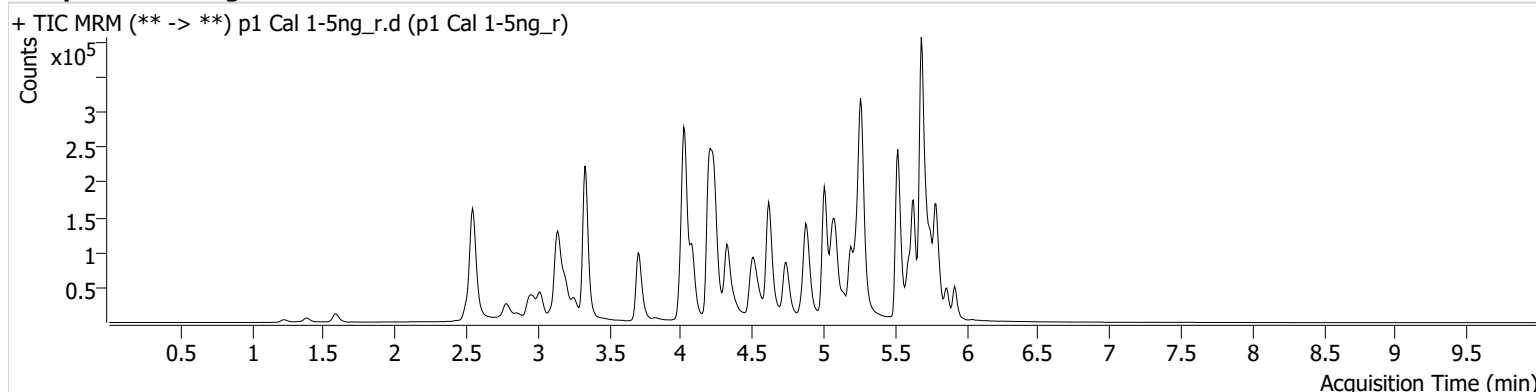
Batch results D:\MassHunter\Data\2024\AM 27 28\101824 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/23/2024 4:32:56 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A1
Injection Volume 2
Acq. Date-Time 10/18/2024 3:59:15 PM
Sample Info.

Data File p1 Cal 1-5ng_r.d
Sample p1 Cal 1-5ng_r
Operator Tamara Salazar
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	3.104	465	372.27	65.2	652.83	22714	0.5140 ng/ml
7-aminoclonazepam	4.232	9146	158.96	68.3	93.64	67325	4.8827 ng/ml
9-hydroxyrisperidone	4.619	1567	3156.28	3224.5	373.10	370641	5.0225 ng/ml
a-hydroxyalprazolam	5.668	4196	1012.31	55.6	1071.46	21827	4.7218 ng/ml
alpha-PHP	4.905	8830	1184.72	242.2	791.69	247856	4.7967 ng/ml
alpha-PVP	4.338	32103	435.11	54.7	167.55	247856	5.0370 ng/ml
Alprazolam	5.745	13589	371.42	99.8	233.17	74124	5.0217 ng/ml
Amphetamine	3.021	59109	2421.83	43.1	192.50	102933	4.7674 ng/ml
Benzoylcegonine	3.851	753	14.60	50.1	99.33	6496	4.9157 ng/ml
Bromazolam	5.784	11179	14329.34	132.6	14674.20	48408	4.9643 ng/ml
Buprenorphine	5.831	910	736.29	13.8	82.29	64690	0.5240 ng/ml
Bupropion	4.754	29861	5834.17	62.2	934.19	190721	4.8892 ng/ml
Carisoprodol	5.700	15067	481.04	79.4	94.43	149089	5.1945 ng/ml
Citalopram	5.190	27120	193.40	31.0	14906.99	236294	5.0461 ng/ml
Clonazepam	5.587	12292	4943.91	26.9	3744.56	32516	4.7476 ng/ml
Clonazepam	5.530	8004	3836.23	42.2	4423.71	32516	4.7477 ng/ml
Cocaine	4.232	20979	212.41	57.2	4775.44	373142	4.9973 ng/ml
Codeine	2.556	2313	312.54	93.9	1194.66	18214	4.6926 ng/ml
Cyclobenzaprine	5.603	17934	5731.05	10.9	137.18	135038	5.0537 ng/ml
Dextromethorphan	5.246	14881	221.41	82.9	176.01	122040	5.0485 ng/ml
Dextrorphan	4.084	8829	333.91	210.6	192.18	182417	4.9364 ng/ml
Diazepam	5.924	9958	991.11	87.0	206.18	75947	5.0135 ng/ml
Dihydrocodeine	2.535	5550	201.43	76.0	30.18	60293	4.8418 ng/ml
Diphenhydramine	5.268	56771	2205.09	34.0	651.29	669564	5.0430 ng/ml
Doxylamine	4.520	50852	390.10	95.2	873.92	372093	5.0538 ng/ml
Duloxetine	5.623	3437	163.95	12.4	34.74	35139	5.0416 ng/ml
EDDP	5.232	18444	544.92	39.0	236.22	166494	4.9996 ng/ml
Etizolam	5.791	9195	3446.21	28.7	4038.15	32516	5.2316 ng/ml
Fentanyl	5.079	2782	13907.07	51.4	329.22	269115	0.5040 ng/ml
Fluorofentanyl	5.133	6297	289.45	52.7	419.43	2788	0.5023 ng/ml
Fluoxetine	5.683	39584	797.45	7.3	336.35	286624	5.0058 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.997	6771	75.21	51.3	57.54	71609	4.9173 ng/ml
Hydromorphone	1.596	5190	523.28	85.6	18258.03	34299	5.1160 ng/ml
Hydroxyzine	5.680	28946	1835.40	70.3	284.71	122040	5.0419 ng/ml
Ketamine	4.016	19572	275.49	33.7	109.14	159020	4.8134 ng/ml
Lamotrigine	4.241	19326	229.72	82.8	687.38	458018	47.2891 ng/ml
Lorazepam	5.717	11597	379.70	56.3	166.05	140549	4.6490 ng/ml
MDA	3.162	35691	582.39	26.0	125.11	139879	4.7752 ng/ml
MDMA	3.263	22724	828.08	83.1	641.61	37067	5.0029 ng/ml
Meprobamate	4.878	7584	291.57	34.0	147.69	65783	4.7654 ng/ml
Methadone	5.629	29383	398.16	80.9	304.52	256145	5.0079 ng/ml
Methamphetamine	3.197	96843	457.26	34.1	1357.77	282999	4.9128 ng/ml
Metoprolol	4.288	5526	2617.91	118.1	739.02	520526	4.8010 ng/ml
Mirtazapine	4.616	34943	281.76	70.6	389.57	247856	4.9848 ng/ml
Mitragynine	5.208	8396	6588.62	34.8	1373.40	256145	5.0207 ng/ml
Morphine	1.233	677	358.45	143.4	138.05	3354	4.9404 ng/ml
Nordiazepam	5.870	12387	603.92	50.8	456.06	66432	4.9684 ng/ml
Norfentanyl	4.044	4952	202.64	41.8	33.00	394188	0.5006 ng/ml
Norhydrocodone	3.038	1142	25.85	43.2	42.24	18143	5.2798 ng/ml
Noroxycodone	2.881	4337	193.98	50.7	125.56	25765	4.9508 ng/ml
O-desmethyl-tramadol	3.337	53396	556.00	6.3	477.06	553359	5.0494 ng/ml
o-desmethylvenlafaxine	4.029	9596	173.63	378.7	657.74	72850	4.9451 ng/ml
Olanzapine	4.450	6293	146.34	67.2	81.20	32580	4.9467 ng/ml
Oxazepam	5.726	11990	110.00	70.9	81.31	140549	4.9183 ng/ml
Oxycodone	2.806	10339	227.76	34.9	151.08	91327	4.9727 ng/ml
Oxymorphone	1.386	2895	94.60	50.6	85.99	17784	4.9481 ng/ml
Phentermine	3.740	13164	63.80	3.5	28.63	290533	4.7426 ng/ml
Promethazine	5.520	51126	97.86	32.4	480.93	457668	5.1467 ng/ml
Pseudoephedrine	2.560	49683	2777.20	16.7	1150.96	458018	5.0527 ng/ml
Quetiapine	5.536	27499	7218.74	58.3	12698.19	74178	4.8678 ng/ml
Sertraline	5.752	12570	218.61	85.4	1135.39	91690	4.9884 ng/ml
Temazepam	5.794	27617	4440.20	28.9	133.00	211421	5.1171 ng/ml
Tramadol	4.213	57074	970.35	3.1	28.07	520526	4.8922 ng/ml
Trazodone	5.140	33405	80.96	70.8	28201.83	224074	4.8981 ng/ml
Venlafaxine	5.006	49883	236.44	26.1	432.19	461654	5.0705 ng/ml
Xylazine	4.051	18814	2913.42	47.8	235.94	156265	5.0552 ng/ml
Zolpidem	4.902	34160	728.24	28.4	260.81	321128	4.8685 ng/ml



AM #28 Multi-Drug Quant. Results

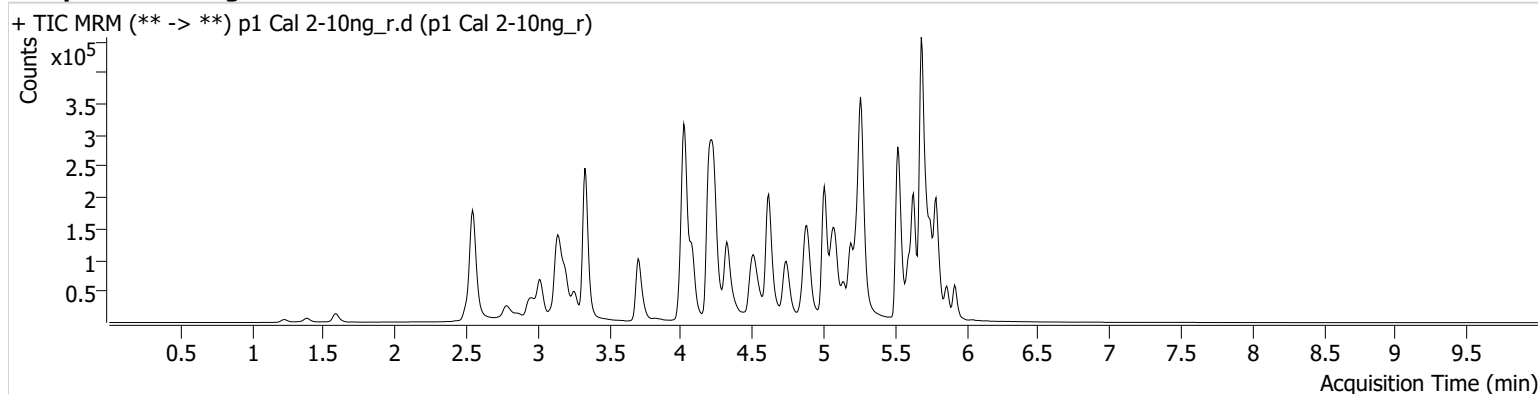
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Calibration Last Update 10/23/2024 4:32:56 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B1
Injection Volume 2
Acq. Date-Time 10/18/2024 4:10:04 PM
Sample Info.

Data File p1 Cal 2-10ng_r.d
Sample p1 Cal 2-10ng_r
Operator Tamara Salazar
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	3.104	874	869.84	68.5	249.14	22964	0.9649 ng/ml
7-aminoclonazepam	4.232	17456	221.52	67.4	1173.75	67812	10.3009 ng/ml
9-hydroxyrisperidone	4.619	3132	3336.82	3179.6	554.20	371488	9.8812 ng/ml
a-hydroxyalprazolam	5.668	8596	93.67	60.6	221.47	22498	10.5567 ng/ml
alpha-PHP	4.905	17211	357.19	255.5	1636.01	247976	10.3618 ng/ml
alpha-PVP	4.331	62665	242.70	55.7	638.12	247976	9.9163 ng/ml
Alprazolam	5.745	26768	304.44	98.6	360.45	77796	9.8251 ng/ml
Amphetamine	3.021	112296	587.61	43.5	233.64	103699	10.4887 ng/ml
Benzoylcegonine	3.851	1454	175.52	36.1	44.65	5881	10.5446 ng/ml
Bromazolam	5.784	21366	6236.14	133.2	24347.35	49874	9.9962 ng/ml
Buprenorphine	5.831	1606	981.90	16.2	259.12	65281	0.9285 ng/ml
Bupropion	4.754	59533	1369.72	64.1	432.42	188770	10.2415 ng/ml
Carisoprodol	5.700	28824	289.04	81.8	309.52	148718	9.6352 ng/ml
Citalopram	5.189	53887	1603.44	29.2	407.14	241687	9.8810 ng/ml
Clonazepam	5.587	24029	82.57	27.6	7284.54	31919	10.5710 ng/ml
Clonazolam	5.530	16288	8192.67	42.9	5744.15	31919	10.7149 ng/ml
Cocaine	4.232	41799	349.69	56.5	1493.09	369517	10.1084 ng/ml
Codeine	2.556	4448	114.09	91.5	1349.53	17341	10.6773 ng/ml
Cyclobenzaprine	5.603	35624	∞	10.3	623.16	137679	9.8497 ng/ml
Dextromethorphan	5.246	29587	2033.27	83.2	980.12	125221	9.8155 ng/ml
Dextrorphan	4.084	18811	171.76	193.4	626.14	184172	10.2781 ng/ml
Diazepam	5.924	18836	504.42	89.8	266.98	75998	9.8568 ng/ml
Dihydrocodeine	2.535	10284	248.17	80.6	75.16	58696	10.1969 ng/ml
Diphenhydramine	5.268	113854	381.86	34.4	644.78	678545	9.9495 ng/ml
Doxylamine	4.520	97438	225.71	95.3	78.89	375219	9.7868 ng/ml
Duloxetine	5.623	6834	509.65	13.1	134.20	35915	9.8767 ng/ml
EDDP	5.232	36567	6359.78	40.7	190.59	165984	9.9942 ng/ml
Etizolam	5.784	17446	14786.21	29.6	1246.43	31919	9.6044 ng/ml
Fentanyl	5.072	5596	98.16	55.8	515.00	272822	0.9999 ng/ml
Fluorofentanyl	5.133	12787	547.80	50.4	1576.73	2889	0.9786 ng/ml
Fluoxetine	5.683	78260	351.15	6.9	7926.96	287059	10.0317 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.997	13670	66.78	48.1	94.87	74617	10.0152 ng/ml
Hydromorphone	1.596	9159	311.60	92.3	28060.55	32654	9.5366 ng/ml
Hydroxyzine	5.680	58725	29812.80	68.5	32878.50	125221	9.9811 ng/ml
Ketamine	4.016	39145	464.53	30.1	349.00	160156	10.4240 ng/ml
Lamotrigine	4.241	37081	1095.40	85.2	4528.71	459025	108.4182 ng/ml
Lorazepam	5.717	22809	1615.51	60.4	327.81	139685	10.7780 ng/ml
MDA	3.162	70555	355.64	27.1	729.33	138731	10.4674 ng/ml
MDMA	3.263	44883	611.28	83.4	1366.31	37535	9.9908 ng/ml
Meprobamate	4.871	15369	92947.59	33.5	173.51	68375	10.5435 ng/ml
Methadone	5.629	61129	64204.44	76.0	9096.95	265345	10.0494 ng/ml
Methamphetamine	3.197	135058	598.12	34.0	215.64	285508	10.1054 ng/ml
Metoprolol	4.288	11193	28215.09	115.8	2721.20	527983	10.4543 ng/ml
Mirtazapine	4.609	67444	454.37	73.6	468.66	247976	9.8861 ng/ml
Mitragynine	5.208	16898	2646.93	35.1	59.78	265345	10.0358 ng/ml
Morphine	1.233	1263	39.90	138.3	245.23	3227	10.0119 ng/ml
Norbuprenorphine	4.961	297	1816.83	82.7	227.33	10027	1.1204 ng/ml
Nordiazepam	5.870	23748	1693.70	49.4	2234.70	66754	10.0167 ng/ml
Norfentanyl	4.044	10386	452.93	37.6	107.18	390450	1.0177 ng/ml
Norhydrocodone	3.038	2463	40.61	44.3	150.90	18592	9.5059 ng/ml
Noroxycodone	2.881	8552	718.60	45.1	212.84	25742	10.1603 ng/ml
O-desmethyl-tramadol	3.337	106217	1213.53	6.2	584.61	559146	9.9145 ng/ml
o-desmethylvenlafaxine	4.029	19182	198.31	380.0	1392.86	70538	10.3021 ng/ml
Olanzapine	4.450	13103	2490.15	57.8	64.72	31475	10.2052 ng/ml
Oxazepam	5.726	22602	232.82	68.0	521.18	139685	9.8938 ng/ml
Oxycodone	2.806	19316	379.51	36.9	390.86	87320	9.9563 ng/ml
Oxymorphone	1.386	5140	207.02	51.0	114.12	15882	10.1229 ng/ml
Phentermine	3.740	27033	139.83	3.6	71.47	293749	10.6030 ng/ml
Promethazine	5.520	93635	9198.92	34.8	453.19	462521	9.3792 ng/ml
Pseudoephedrine	2.553	97436	2701.28	16.3	4053.00	459025	9.9723 ng/ml
Quetiapine	5.536	55073	36423.12	58.6	∞	72569	10.3738 ng/ml
Sertraline	5.752	24932	472.23	83.0	911.84	91089	10.1071 ng/ml
Temazepam	5.787	52543	653.44	28.0	197.45	202596	9.9578 ng/ml
Tramadol	4.206	112361	2071.67	3.7	49.83	527983	10.1464 ng/ml
Trazodone	5.140	64852	164.03	75.5	187.37	228585	10.0823 ng/ml
Venlafaxine	5.006	98322	565.31	27.4	184.03	470534	9.8159 ng/ml
Xylazine	4.051	36981	696.58	48.1	593.99	157762	9.8415 ng/ml
Zolpidem	4.895	67372	1265.96	29.1	478.91	325670	10.1488 ng/ml



AM #28 Multi-Drug Quant. Results

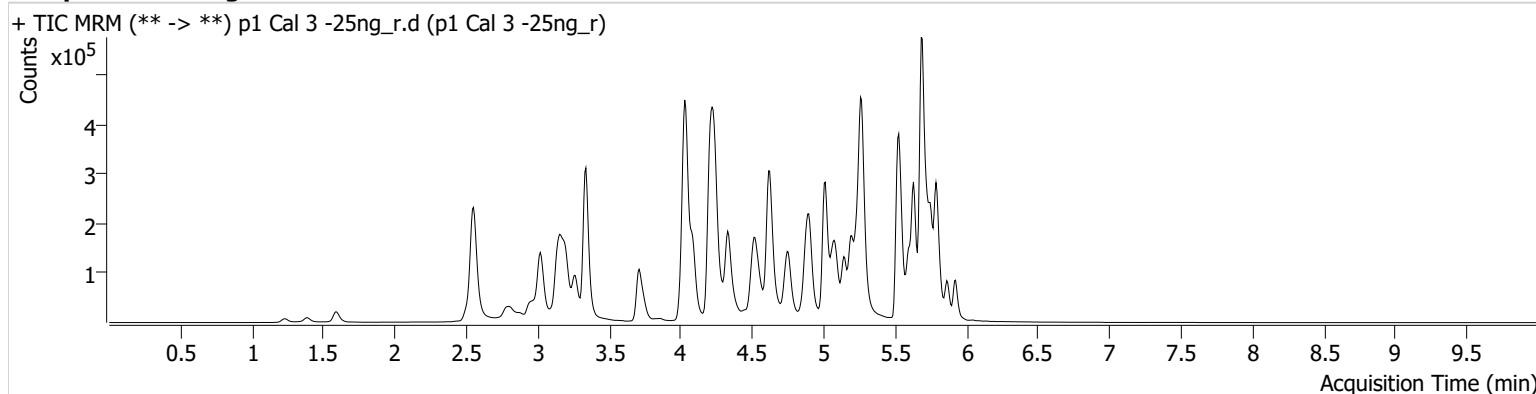
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Acq. Method AM 28 MDQ P1.m
Sample Position P6-C1
Injection Volume 2
Acq. Date-Time 10/18/2024 4:20:42 PM
Sample Info.

Data File p1 Cal 3 -25ng_r.d
Sample p1 Cal 3 -25ng_r
Operator Tamara Salazar
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	3.104	2193	543.70	72.3	188.61	23506	2.3834 ng/ml
7-aminoclonazepam	4.239	39239	1531.37	68.3	128.26	63767	26.2532 ng/ml
9-hydroxyrisperidone	4.619	8062	83.36	3066.5	1498.83	371147	25.2452 ng/ml
a-hydroxyalprazolam	5.668	20373	237.18	55.9	170.23	22066	27.1877 ng/ml
alpha-PHP	4.905	42529	480.80	254.6	92741.88	253074	26.6118 ng/ml
alpha-PVP	4.338	157366	17053.08	55.9	391.95	253074	24.5365 ng/ml
Alprazolam	5.745	66235	648.90	95.3	583.03	76248	25.5004 ng/ml
Amphetamine	3.021	271307	340.23	43.5	9201.74	105851	27.1379 ng/ml
Benzoylcegonine	3.857	3546	355.86	44.4	254.09	6344	23.9100 ng/ml
Bromazolam	5.784	51358	21352.06	134.6	2868.55	49304	25.6242 ng/ml
Buprenorphine	5.838	3991	2846.28	13.8	540.40	63064	2.4134 ng/ml
Bupropion	4.754	146973	14030.37	63.3	10359.43	188363	25.9101 ng/ml
Carisoprodol	5.700	67529	543.93	84.8	3574.64	141885	23.1427 ng/ml
Citalopram	5.196	132187	577.46	29.3	117419.87	239539	24.5781 ng/ml
Clonazepam	5.587	57131	626.81	27.3	16795.46	32486	26.1998 ng/ml
Clonazolam	5.530	37446	25705.20	42.4	13639.46	32486	25.2264 ng/ml
Cocaine	4.239	102310	3695.90	58.2	152.78	379053	24.1935 ng/ml
Codeine	2.563	10674	17733.55	97.9	509.11	17677	26.7237 ng/ml
Cyclobenzaprine	5.603	86411	252.87	10.1	19894.04	134386	24.4836 ng/ml
Dextromethorphan	5.246	73084	2746.19	82.0	10130.64	122447	24.8490 ng/ml
Dextrorphan	4.084	46235	4737.90	201.5	1805.21	183979	25.1046 ng/ml
Diazepam	5.924	47397	1757.43	90.4	642.62	76874	25.1561 ng/ml
Dihydrocodeine	2.535	25843	152.08	78.7	288.31	59412	26.9254 ng/ml
Diphenhydramine	5.268	278078	14224.11	34.7	5193.87	672345	24.4794 ng/ml
Doxylamine	4.520	251448	2390.63	94.3	12879.83	387685	24.7489 ng/ml
Duloxetine	5.623	16557	908.92	12.2	1658.77	34808	24.7993 ng/ml
EDDP	5.239	83052	276.30	39.4	2703.81	151919	24.8788 ng/ml
Etizolam	5.791	43605	7151.64	28.1	624.55	32486	22.7932 ng/ml
Fentanyl	5.079	13317	571.90	55.6	5616.86	271054	2.3948 ng/ml
Fluorofentanyl	5.133	31499	557.55	50.1	487.27	2713	2.5576 ng/ml
Fluoxetine	5.683	182859	38971.88	6.7	173.79	275927	24.6053 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.004	33863	198.18	49.9	200.97	71774	26.6125 ng/ml
Hydromorphone	1.596	23948	4804.43	87.8	1382.41	32949	24.8124 ng/ml
Hydroxyzine	5.687	138455	6219.56	71.1	8230.41	122447	24.0832 ng/ml
Ketamine	4.023	96124	1550.58	31.6	715.85	165072	26.0479 ng/ml
Lamotrigine	4.248	85857	2746.03	84.7	213.51	466908	271.7421 ng/ml
Lorazepam	5.724	51246	3424.39	59.8	275.93	129464	28.4231 ng/ml
MDA	3.169	170355	1131.86	26.7	4128.73	138042	26.7635 ng/ml
MDMA	3.263	113899	3934.21	83.4	473.27	38769	24.9024 ng/ml
Meprobamate	4.878	35985	3713.83	32.9	643.91	67224	26.9293 ng/ml
Methadone	5.635	143392	3317.85	79.2	523.79	260517	23.9991 ng/ml
Methamphetamine	3.197	256821	11585.43	33.9	1128.88	295594	25.8128 ng/ml
Metoprolol	4.295	27596	620.64	114.8	5335.16	539259	26.4681 ng/ml
Mirtazapine	4.616	172403	2632.10	71.7	8079.84	253074	25.1987 ng/ml
Mitragynine	5.208	38240	36943.01	37.9	612.97	260517	23.5221 ng/ml
Morphine	1.233	3108	2679.31	139.3	101.63	3134	26.0838 ng/ml
Norbuprenorphine	4.961	558	1338.85	87.3	996.45	9444	2.3489 ng/ml
Nordiazepam	5.870	57482	948.47	51.1	248.09	66721	25.0991 ng/ml
Norfentanyl	4.051	25238	820.72	39.9	453.74	389956	2.4223 ng/ml
Norhydrocodone	3.038	6318	246.84	40.8	115.16	18487	22.2272 ng/ml
Noroxycodone	2.881	20801	551.88	48.2	693.69	26167	24.8679 ng/ml
O-desmethyl-tramadol	3.337	267079	2462.05	6.5	355.30	569690	24.4291 ng/ml
o-desmethylvenlafaxine	4.036	47783	479.35	382.7	1404.16	74681	24.3564 ng/ml
Olanzapine	4.450	32502	305.41	61.0	581.37	30796	25.2645 ng/ml
Oxazepam	5.726	54029	16203.57	68.9	410.21	129464	26.5132 ng/ml
Oxycodone	2.812	49257	1964.88	34.1	276.20	88859	25.3268 ng/ml
Oxymorphone	1.386	12353	301.93	51.7	313.55	15699	25.0267 ng/ml
Phentermine	3.746	66514	467.90	3.4	104.67	304895	26.4246 ng/ml
Promethazine	5.520	244643	921.59	32.8	311.26	456973	24.9084 ng/ml
Pseudoephedrine	2.560	239069	9014.08	16.8	4788.97	466908	24.1803 ng/ml
Quetiapine	5.536	133347	199.96	60.8	127551.65	73308	25.4103 ng/ml
Sertraline	5.752	57084	1613.35	84.5	1102.00	86230	24.6551 ng/ml
Temazepam	5.794	119863	2462.54	29.0	94.11	193921	23.4489 ng/ml
Tramadol	4.213	284845	2153.67	3.5	115.30	539259	26.2097 ng/ml
Trazodone	5.146	163482	42600.40	73.7	34759.96	230825	26.4303 ng/ml
Venlafaxine	5.012	247465	1452.39	26.9	236.19	476760	24.3993 ng/ml
Xylazine	4.051	93121	14460.18	47.3	863.64	159312	24.5399 ng/ml
Zolpidem	4.902	171569	4749.65	28.6	2169.54	332274	26.4090 ng/ml



AM #28 Multi-Drug Quant. Results

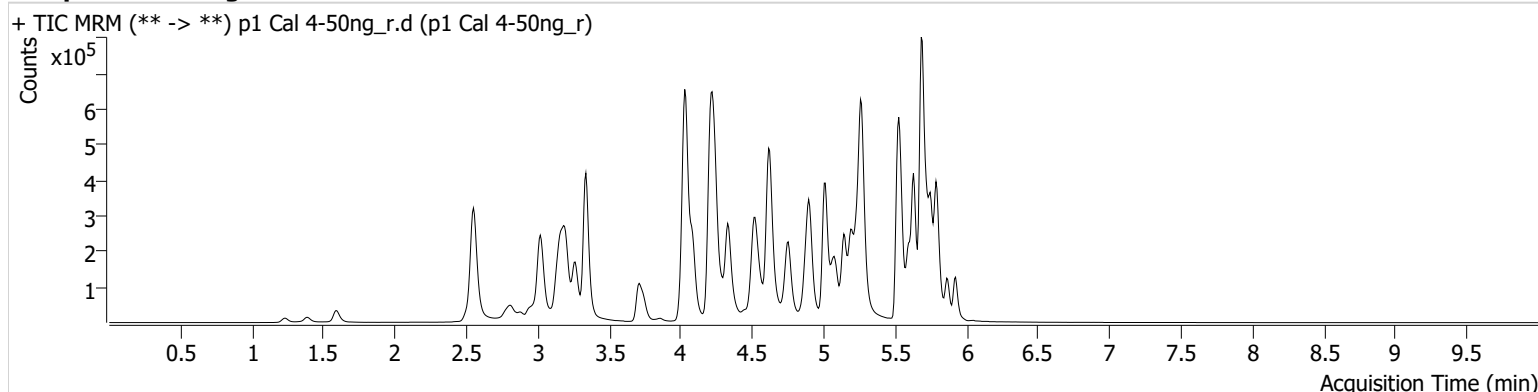
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Calibration Last Update 10/23/2024 4:32:56 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D1
Injection Volume 2
Acq. Date-Time 10/18/2024 4:31:20 PM
Sample Info.

Data File p1 Cal 4-50ng_r.d
Sample p1 Cal 4-50ng_r
Operator Tamara Salazar
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	3.104	4441	5097.06	67.5	7042.75	23471	4.8460 ng/ml
7-aminoclonazepam	4.232	62857	15866.00	69.9	5817.55	53459	51.2321 ng/ml
9-hydroxyrisperidone	4.619	16250	4585.43	3121.1	51634.15	375775	50.1245 ng/ml
a-hydroxyalprazolam	5.668	37399	643.77	56.8	870.44	20465	54.9726 ng/ml
alpha-PHP	4.905	84164	1695.52	258.5	13076.15	254129	53.4866 ng/ml
alpha-PVP	4.338	321778	1822.86	55.3	823.90	254129	50.0603 ng/ml
Alprazolam	5.745	128149	1117.89	97.6	1499.72	76438	49.6390 ng/ml
Amphetamine	3.021	521642	14718.65	41.8	2010.33	105240	54.0610 ng/ml
Benzoylcegonine	3.857	7469	3321.59	41.1	1270.46	6443	49.6538 ng/ml
Bromazolam	5.784	94315	4419.57	135.0	148294.86	46606	50.6493 ng/ml
Buprenorphine	5.838	7955	6668.46	15.9	846.66	64892	4.6899 ng/ml
Bupropion	4.754	290670	8079.94	64.3	686.97	190188	51.1222 ng/ml
Carisoprodol	5.700	127386	3872.33	81.0	957.66	127691	48.1191 ng/ml
Citalopram	5.190	266237	1478.14	29.9	1020.38	239988	49.4938 ng/ml
Clonazepam	5.587	111394	536.15	26.8	23731.32	29952	56.6626 ng/ml
Clonazepam	5.530	74718	46247.57	41.1	33902.17	29952	55.5407 ng/ml
Cocaine	4.232	204454	550.60	56.3	420.42	362746	50.5792 ng/ml
Codeine	2.556	21042	545.14	92.1	79.99	17232	55.2421 ng/ml
Cyclobenzaprine	5.603	177513	1962.37	9.9	26356.54	135595	49.8521 ng/ml
Dextromethorphan	5.246	146264	12468.22	83.3	1176.48	121423	50.1860 ng/ml
Dextrorphan	4.084	92494	263192.61	197.9	1193.62	185925	49.5738 ng/ml
Diazepam	5.924	93558	308.84	88.2	389.82	74624	51.5953 ng/ml
Dihydrocodeine	2.535	50377	5185.02	79.5	1976.22	60098	52.8953 ng/ml
Diphenhydramine	5.268	556714	498.44	34.5	4792.44	668097	49.2881 ng/ml
Doxylamine	4.520	527587	18350.45	93.9	25262.75	398997	50.6677 ng/ml
Duloxetine	5.623	32508	5460.81	12.2	523.29	33761	50.2751 ng/ml
EDDP	5.232	159031	7888.29	38.7	61706.55	142522	50.8342 ng/ml
Etizolam	5.791	82472	669.84	29.6	1157.58	29952	46.1848 ng/ml
Fentanyl	5.079	28649	216.91	50.0	475.34	279300	4.9997 ng/ml
Fluorofentanyl	5.133	65407	961.18	48.8	3350.05	2902	4.9606 ng/ml
Fluoxetine	5.683	361044	72721.03	7.1	20106.10	267209	50.3266 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.997	66783	176.87	49.6	272.84	74308	51.1642 ng/ml
Hydromorphone	1.596	46962	760.36	87.2	414.88	32424	49.5074 ng/ml
Hydroxyzine	5.680	283969	4811.67	69.9	14018.31	121423	49.8245 ng/ml
Ketamine	4.016	191550	764.29	32.4	627.13	162726	53.5512 ng/ml
Lamotrigine	4.248	151816	20929.16	84.9	37819.81	457787	505.7909 ng/ml
Lorazepam	5.724	86968	4070.71	59.7	482.06	118648	54.0065 ng/ml
MDA	3.162	321355	4278.37	26.2	2716.12	132151	53.6648 ng/ml
MDMA	3.263	225909	359.00	84.6	9975.40	38290	50.2572 ng/ml
Meprobamate	4.878	68501	26264.92	33.6	200.08	65377	53.9733 ng/ml
Methadone	5.629	301761	3319.11	76.4	1075.88	253804	51.8317 ng/ml
Methamphetamine	3.197	454859	14018.35	34.0	1228.26	296538	52.2074 ng/ml
Metoprolol	4.295	53611	15074.64	119.1	32104.81	540809	52.0876 ng/ml
Mirtazapine	4.609	356404	22230.58	69.9	275.71	254129	52.1835 ng/ml
Mitragynine	5.208	81457	882.00	39.3	3755.26	253804	51.7860 ng/ml
Morphine	1.233	5880	2049.51	145.7	484.37	3063	50.9151 ng/ml
Norbuprenorphine	4.961	1246	1333.33	90.2	501.86	10126	5.0230 ng/ml
Nordiazepam	5.870	112858	2656.30	49.9	653.31	64385	51.6790 ng/ml
Norfentanyl	4.051	48587	314.51	39.2	589.52	374154	4.8222 ng/ml
Norhydrocodone	3.038	13474	118.50	40.9	107.45	18191	46.4748 ng/ml
Noroxycodone	2.881	41555	589.97	48.5	495.89	25612	51.1737 ng/ml
O-desmethyl-tramadol	3.337	541674	50397.03	6.4	3092.70	570853	49.4173 ng/ml
o-desmethylvenlafaxine	4.029	94746	2535.38	374.3	4809.73	71703	50.3932 ng/ml
Olanzapine	4.450	51784	248.85	63.4	583.06	25374	48.4838 ng/ml
Oxazepam	5.726	100001	394.16	67.1	3327.80	118648	54.1892 ng/ml
Oxycodone	2.812	100166	483.63	33.5	1737.48	88475	51.9885 ng/ml
Oxymorphone	1.386	24894	445.20	50.7	205.50	15536	51.2592 ng/ml
Phentermine	3.746	133662	597.38	3.5	261.55	301550	54.6609 ng/ml
Promethazine	5.520	503281	776.96	32.2	2101.62	460406	50.9265 ng/ml
Pseudoephedrine	2.560	471214	33391.17	16.7	21409.55	457787	48.6995 ng/ml
Quetiapine	5.536	266725	22668.28	62.6	544.51	73905	50.7998 ng/ml
Sertraline	5.752	112338	20360.80	82.5	2838.62	83944	49.9925 ng/ml
Temazepam	5.794	213833	1627.97	28.9	542.02	174964	46.1648 ng/ml
Tramadol	4.213	557626	7553.82	3.5	79.63	540809	51.8211 ng/ml
Trazodone	5.146	326285	30861.10	74.9	59655.43	237973	51.9546 ng/ml
Venlafaxine	5.012	501221	11004.27	26.3	690.35	469739	50.1692 ng/ml
Xylazine	4.051	186796	39997.81	47.7	717.13	156498	50.1104 ng/ml
Zolpidem	4.902	337278	4818.83	28.8	11311.79	330774	52.8537 ng/ml



AM #28 Multi-Drug Quant. Results

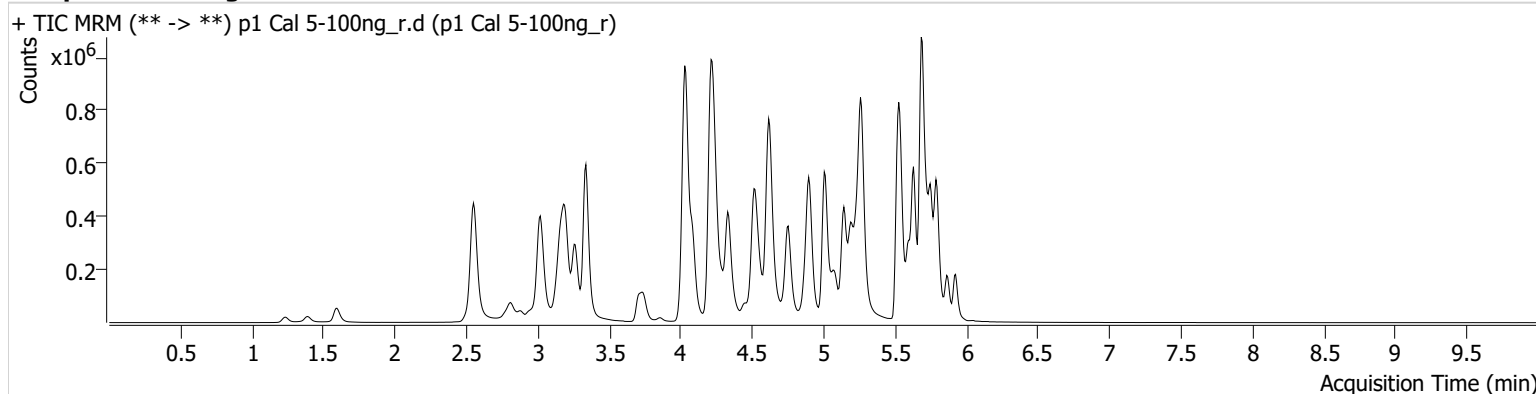
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Sample Position P6-E1
Injection Volume 2
Acq. Date-Time 10/18/2024 4:41:57 PM
Sample Info.

Data File p1 Cal 5-100ng_r.d
Sample p1 Cal 5-100ng_r
Operator Tamara Salazar
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	3.104	8387	13919.78	67.6	941.51	20996	10.2433 ng/ml
7-aminoclonazepam	4.232	99953	6161.08	67.5	4002.47	47885	91.8604 ng/ml
9-hydroxyrisperidone	4.619	29222	2252.35	3166.2	4248.91	344124	98.2996 ng/ml
a-hydroxyalprazolam	5.668	63959	2055.80	59.5	486.63	18695	103.9503 ng/ml
alpha-PHP	4.898	148509	2666.53	251.4	6454.63	225408	107.4642 ng/ml
alpha-PVP	4.338	573654	672.76	55.5	1334.37	225408	100.7116 ng/ml
Alprazolam	5.745	225502	1544.57	96.9	1110.73	65878	101.8250 ng/ml
Amphetamine	3.021	888763	1264.41	41.8	564.31	97550	100.7863 ng/ml
Benzoylcegonine	3.857	13791	278.07	44.0	160.51	6112	96.7008 ng/ml
Bromazolam	5.784	156842	116676.13	136.6	5599.54	38770	102.1718 ng/ml
Buprenorphine	5.831	14046	6726.86	15.2	2730.87	54611	9.8567 ng/ml
Bupropion	4.754	523386	9545.36	64.7	12768.70	172365	101.9528 ng/ml
Carisoprodol	5.700	213511	13897.80	82.7	1500.51	109379	93.8141 ng/ml
Citalopram	5.189	467088	2210.63	29.7	435.06	204972	101.7538 ng/ml
Clonazepam	5.587	176039	2429.75	27.8	1397.57	26098	103.6834 ng/ml
Clonazolam	5.530	126700	103062.11	41.4	554.37	26098	108.8558 ng/ml
Cocaine	4.232	359536	631.18	57.3	626.45	320825	100.6194 ng/ml
Codeine	2.556	36061	10138.86	93.8	46116.53	14816	111.2809 ng/ml
Cyclobenzaprine	5.603	302306	10673.73	10.0	31529.65	113045	101.8383 ng/ml
Dextromethorphan	5.240	256450	3226.29	81.6	15853.75	105936	100.8922 ng/ml
Dextrorphan	4.084	159591	∞	205.8	2774.82	163066	97.4039 ng/ml
Diazepam	5.924	160403	1610.31	88.6	1318.37	66178	100.1469 ng/ml
Dihydrocodeine	2.528	91996	755.76	80.7	2748.07	55607	105.4539 ng/ml
Diphenhydramine	5.268	984933	665.36	35.0	11807.91	593622	98.1093 ng/ml
Doxylamine	4.520	964559	1492.61	94.9	236.07	367018	100.9059 ng/ml
Duloxetine	5.623	54051	714.87	12.9	8804.15	28769	98.1673 ng/ml
EDDP	5.232	246948	958.63	39.9	1529.38	113171	99.4588 ng/ml
Etizolam	5.791	143252	10376.03	30.1	4134.32	26098	91.5252 ng/ml
Fentanyl	5.072	51411	3138.69	52.0	57050.64	249831	10.0300 ng/ml
Fluorofentanyl	5.133	115568	6998.11	50.2	267.26	2444	10.4002 ng/ml
Fluoxetine	5.683	587617	11961.47	7.0	260.86	219867	99.6962 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.997	122161	218.05	49.9	410.68	68663	101.7954 ng/ml
Hydromorphone	1.596	88000	238430.99	87.7	243317.23	28768	104.6283 ng/ml
Hydroxyzine	5.680	496882	13125.94	71.2	909.74	105936	99.9392 ng/ml
Ketamine	4.016	344674	901.13	32.1	1384.44	149649	105.6194 ng/ml
Lamotrigine	4.248	228495	452.29	85.1	7592.78	406228	871.4851 ng/ml
Lorazepam	5.717	123256	3512.05	62.0	433.61	94380	97.4831 ng/ml
MDA	3.162	541823	6686.52	26.3	3191.77	114962	104.9072 ng/ml
MDMA	3.263	416202	6950.79	85.2	5214.74	35668	99.6358 ng/ml
Meprobamate	4.878	114912	4494.65	33.2	215.36	60547	98.8343 ng/ml
Methadone	5.628	510150	3071.72	77.9	16118.64	219865	101.1444 ng/ml
Methamphetamine	3.197	790080	20237.34	33.6	533.80	275193	105.2725 ng/ml
Metoprolol	4.295	100135	77042.85	114.4	700.86	501931	105.7063 ng/ml
Mirtazapine	4.609	643881	1167.04	71.6	2107.53	225408	106.5884 ng/ml
Mitragynine	5.208	142072	122495.24	37.2	190.22	219865	104.5676 ng/ml
Morphine	1.233	10914	654.45	144.1	410.02	2841	102.3751 ng/ml
Norbuprenorphine	4.961	2182	1339.68	77.7	1547.35	8882	10.1416 ng/ml
Nordiazepam	5.870	191226	4986.61	50.0	814.23	54938	103.2056 ng/ml
Norfentanyl	4.051	85146	1744.25	39.3	413.16	322470	9.7662 ng/ml
Norhydrocodone	3.038	26917	320.93	42.4	∞	18059	92.0488 ng/ml
Noroxycodone	2.881	72689	3449.53	48.2	541.54	22656	101.5858 ng/ml
O-desmethyl-tramadol	3.337	1023684	174209.75	6.3	374.84	534609	99.6958 ng/ml
o-desmethylvenlafaxine	4.029	168792	2034.60	377.5	12425.04	64445	99.9727 ng/ml
Olanzapine	4.450	133437	1120.56	63.3	479.63	30801	102.4763 ng/ml
Oxazepam	5.726	152238	29737.38	67.8	5698.34	94380	104.2842 ng/ml
Oxycodone	2.806	180939	5572.18	35.3	2342.79	80963	102.8692 ng/ml
Oxymorphone	1.386	44082	∞	52.2	271.70	13683	103.3573 ng/ml
Phentermine	3.746	238968	415.92	3.6	421.41	278774	106.5887 ng/ml
Promethazine	5.520	858513	44363.07	32.6	1415.40	397586	100.6606 ng/ml
Pseudoephedrine	2.560	848832	24771.22	16.7	12952.25	406228	98.9519 ng/ml
Quetiapine	5.536	481730	32974.87	59.7	989.63	63856	106.6136 ng/ml
Sertraline	5.752	181712	7784.03	86.1	8254.05	68301	99.5315 ng/ml
Temazepam	5.794	342125	5726.58	27.9	508.31	135312	95.2878 ng/ml
Tramadol	4.213	1008350	19765.34	3.5	442.70	501931	101.6224 ng/ml
Trazodone	5.140	590348	356.21	76.2	24197.09	216090	104.3571 ng/ml
Venlafaxine	5.006	911539	1346.64	26.2	1321.34	435449	98.4351 ng/ml
Xylazine	4.051	334225	32042.73	48.5	3457.00	140115	100.1432 ng/ml
Zolpidem	4.902	624736	7690.68	28.5	2525.41	309846	105.2170 ng/ml



AM #28 Multi-Drug Quant. Results

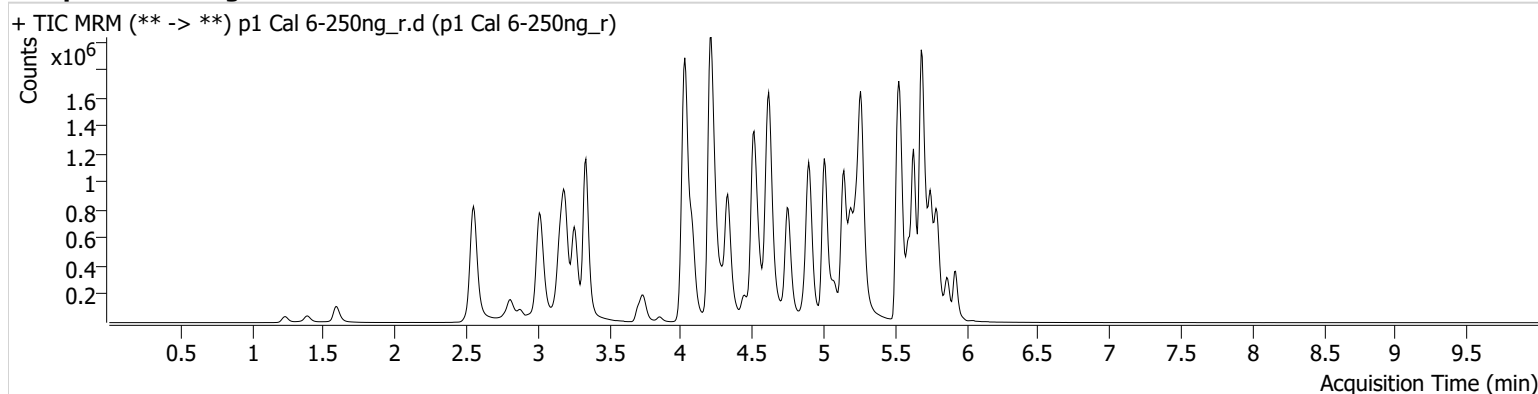
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Sample Info.

Data File p1 Cal 6-250ng_r.d
Sample p1 Cal 6-250ng_r
Operator Tamara Salazar
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	3.104	21312	3588.79	67.3	1875.64	21460	25.4839 ng/ml
7-aminoclonazepam	4.226	129515	1730.70	68.6	4815.96	31409	182.6078 ng/ml
9-hydroxyrisperidone	4.619	74428	101326.21	3133.4	12609.03	344803	249.6721 ng/ml
a-hydroxyalprazolam	5.661	108832	741.94	60.3	332.73	13525	246.0985 ng/ml
alpha-PHP	4.898	357562	7185.32	254.2	47564.88	230020	255.0078 ng/ml
alpha-PVP	4.331	1443814	34256.79	56.7	20193.81	230020	248.5317 ng/ml
Alprazolam	5.745	477475	3061.48	94.7	668.33	56098	253.8684 ng/ml
Amphetamine	3.014	1815902	37798.13	42.2	114.21	98457	205.7608 ng/ml
Benzoylcegonine	3.851	36418	828.16	42.8	5920.42	6020	259.3538 ng/ml
Bromazolam	5.784	299872	343415.00	138.9	492891.88	29654	256.7715 ng/ml
Buprenorphine	5.831	38976	69070.30	15.5	11644.86	58289	25.6515 ng/ml
Bupropion	4.754	1326820	105332.02	63.6	63233.97	177312	251.8142 ng/ml
Carisoprodol	5.700	370732	249101.81	82.7	1317.20	71364	249.0775 ng/ml
Citalopram	5.189	1138109	1250.52	29.6	32812.64	202377	251.2344 ng/ml
Clonazepam	5.580	299551	55044.91	28.0	61826.63	19703	235.1007 ng/ml
Clonazepam	5.530	211887	287804.54	42.7	19476.43	19703	242.1154 ng/ml
Cocaine	4.232	821694	467.88	57.6	29143.49	291758	252.9494 ng/ml
Codeine	2.556	74401	695.40	94.5	2295.37	14126	242.1719 ng/ml
Cyclobenzaprine	5.596	742669	729.40	10.0	237.58	111893	252.7665 ng/ml
Dextromethorphan	5.240	604250	546.55	82.1	206001.05	101882	247.2345 ng/ml
Dextrorphan	4.084	393392	816.51	202.2	2463.41	156172	250.5020 ng/ml
Diazepam	5.924	372694	5268.70	90.9	11178.51	61173	252.3736 ng/ml
Dihydrocodeine	2.528	204216	1618.38	82.9	2145.99	54275	241.2200 ng/ml
Diphenhydramine	5.268	2388762	874.03	34.8	417.54	560384	252.0093 ng/ml
Doxylamine	4.514	2600803	45548.86	93.7	1253.45	395797	252.6022 ng/ml
Duloxetine	5.623	119779	9418.65	11.9	1011.74	25637	244.2236 ng/ml
EDDP	5.232	592403	910.25	39.8	224.58	108177	249.6851 ng/ml
Etizolam	5.784	312912	3287.14	30.3	98762.85	19703	263.7762 ng/ml
Fentanyl	5.072	138281	453748.40	53.2	178.00	268580	25.0941 ng/ml
Fluorofentanyl	5.133	311437	10439.92	47.9	10124.49	2665	25.6962 ng/ml
Fluoxetine	5.683	1269556	349633.04	7.2	632950.21	190976	248.2097 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.990	294777	1136.72	50.5	618.26	66842	253.0937 ng/ml
Hydromorphone	1.589	209958	905166.41	87.5	388181.24	28368	253.2419 ng/ml
Hydroxyzine	5.680	1194942	527792.83	72.7	54456.00	101882	249.9243 ng/ml
Ketamine	4.016	754466	3310.38	32.9	10728.50	145275	239.2545 ng/ml
Lamotrigine	4.248	372621	1480.99	86.6	23512.24	372476	1565.1860 ng/ml
Lorazepam	5.717	171690	2898.61	61.0	637.59	57282	225.8171 ng/ml
MDA	3.162	1098018	1837.10	26.3	25670.80	101960	240.9353 ng/ml
MDMA	3.257	1030554	99809.15	84.3	280.98	34648	254.3449 ng/ml
Meprobamate	4.871	215649	408.98	34.3	253.96	53372	211.8985 ng/ml
Methadone	5.629	1269428	1422.91	79.3	2025.25	224622	246.3408 ng/ml
Methamphetamine	3.190	1860328	1449.30	33.8	5464.15	289601	246.2705 ng/ml
Metoprolol	4.288	220995	200498.92	115.8	6903.06	473350	248.5438 ng/ml
Mirtazapine	4.602	1554490	437.90	70.8	162893.83	230020	252.5670 ng/ml
Mitragynine	5.208	350721	212226.37	38.3	117291.45	224622	253.0946 ng/ml
Morphine	1.233	24583	1121.50	143.3	∞	2624	250.3086 ng/ml
Norbuprenorphine	4.961	5928	6500.21	84.0	4490.91	9287	26.5383 ng/ml
Nordiazepam	5.870	394679	28905.24	50.5	526.80	46876	250.4820 ng/ml
Norfentanyl	4.044	178539	19870.08	39.8	1306.07	259314	25.4052 ng/ml
Norhydrocodone	3.031	70730	401.34	42.7	281.42	16928	255.4059 ng/ml
Noroxycodone	2.874	171044	656.82	48.5	1953.62	21631	250.9454 ng/ml
O-desmethyl-tramadol	3.337	2530561	∞	6.4	498.10	525294	250.7792 ng/ml
o-desmethylvenlafaxine	4.029	374005	1507.62	379.8	1137.09	56168	254.2913 ng/ml
Olanzapine	4.443	362708	3358.34	63.6	927.46	33911	252.4274 ng/ml
Oxazepam	5.726	220592	9000.98	69.0	346.91	57282	249.8422 ng/ml
Oxycodone	2.806	448165	625.56	35.1	651.80	82018	251.8802 ng/ml
Oxymorphone	1.386	104244	3716.19	52.3	247.04	13231	253.1732 ng/ml
Phentermine	3.740	538263	∞	3.3	306.81	281025	239.3242 ng/ml
Promethazine	5.520	2202356	11051.64	32.7	17450.59	406744	252.5087 ng/ml
Pseudoephedrine	2.553	1979766	1955.35	16.7	92400.36	372476	251.8399 ng/ml
Quetiapine	5.536	1115647	∞	60.6	869847.75	61512	256.8660 ng/ml
Sertraline	5.752	397805	51019.50	86.9	67253.91	60271	247.1450 ng/ml
Temazepam	5.794	540886	1087.04	28.4	971.89	81178	250.7694 ng/ml
Tramadol	4.206	2441675	2056.12	3.5	509.55	473350	262.0165 ng/ml
Trazodone	5.140	1507551	1337305.57	76.3	57020.18	231153	250.2960 ng/ml
Venlafaxine	5.006	2295899	62938.58	26.6	822.88	429554	251.3488 ng/ml
Xylazine	4.044	822932	27762.44	49.1	10065.34	137772	250.7656 ng/ml
Zolpidem	4.895	1483317	1505.11	28.0	9422.03	305137	254.6896 ng/ml



AM #28 Multi-Drug Quant. Results

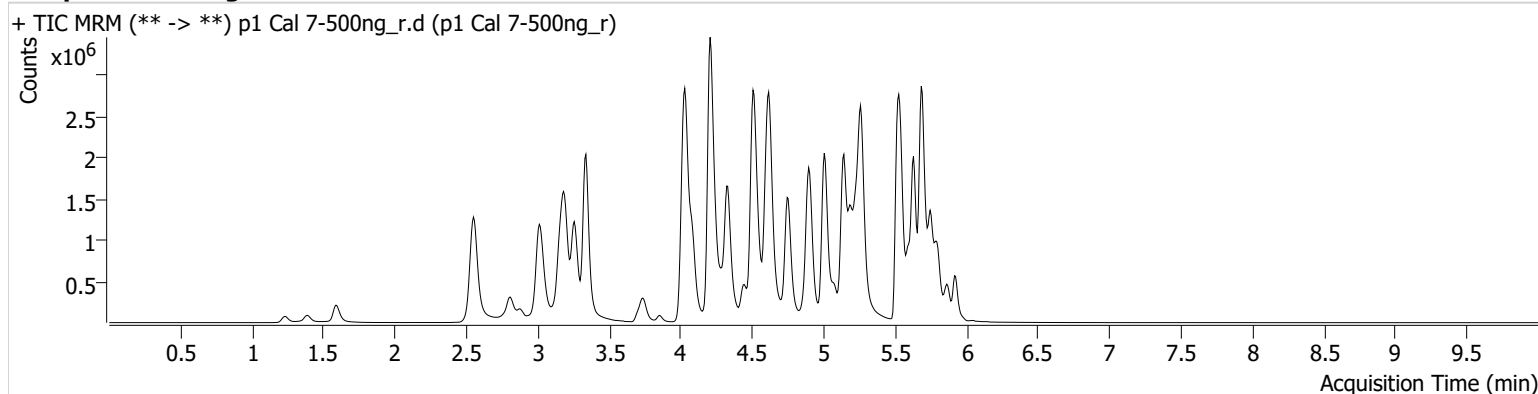
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Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-G1
Injection Volume 2
Acq. Date-Time 10/18/2024 5:03:12 PM
Sample Info.

Data File p1 Cal 7-500ng_r.d
Sample p1 Cal 7-500ng_r
Operator Tamara Salazar
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	3.104	42798	779.90	68.0	2027.69	21424	51.2725 ng/ml
7-aminoclonazepam	4.232	126826	3148.47	67.1	2751.19	18688	301.2972 ng/ml
9-hydroxyrisperidone	4.619	142596	1795.23	3120.9	16710.13	327607	503.3146 ng/ml
a-hydroxyalprazolam	5.661	150393	179.73	57.3	188.28	9724	474.1201 ng/ml
alpha-PHP	4.898	640297	1956.55	255.6	8529.44	224218	469.3653 ng/ml
alpha-PVP	4.331	2860076	71756.33	55.9	60426.12	224218	505.1576 ng/ml
Alprazolam	5.745	759595	1123.05	96.2	571.82	44660	507.7587 ng/ml
Amphetamine	3.014	2849458	65206.63	43.0	158091.69	94515	337.4134 ng/ml
Benzoylcegonine	3.851	82146	5966.52	42.4	4680.97	7194	489.5769 ng/ml
Bromazolam	5.784	430647	439379.64	135.4	514763.14	22742	481.6266 ng/ml
Buprenorphine	5.831	83607	121748.43	15.4	24181.69	57889	55.4233 ng/ml
Bupropion	4.754	2612261	3808.73	64.1	12356.63	180742	486.7267 ng/ml
Carisoprodol	5.700	476674	136602.56	82.8	1044.49	43468	525.3898 ng/ml
Citalopram	5.190	2069419	2498.43	28.8	545.29	181501	509.4473 ng/ml
Clonazepam	5.580	389012	11878.54	27.7	178298.53	14441	417.4449 ng/ml
Clonazolam	5.530	256888	199553.11	42.3	108668.46	14441	401.0379 ng/ml
Cocaine	4.225	1432499	2255.27	58.1	1602.06	261931	491.2453 ng/ml
Codeine	2.556	130191	1439.21	91.0	5842.28	12914	464.5960 ng/ml
Cyclobenzaprine	5.596	1299298	19466.36	10.0	136466.78	97425	507.8899 ng/ml
Dextromethorphan	5.240	1078237	763.00	79.4	44821.35	88567	507.5313 ng/ml
Dextrorphan	4.084	716817	57631.53	205.0	2030.32	142148	501.3580 ng/ml
Diazepam	5.924	642138	2839.88	88.0	3295.25	53932	493.6217 ng/ml
Dihydrocodeine	2.521	372047	55906.44	79.6	2172.26	55734	428.8034 ng/ml
Diphenhydramine	5.268	4313831	950.56	35.1	829.18	501843	508.1573 ng/ml
Doxylamine	4.507	5377990	834.77	93.8	235342.21	416462	496.6128 ng/ml
Duloxetine	5.623	173759	3012.35	12.1	4629.45	18006	504.5074 ng/ml
EDDP	5.232	1159078	968.93	39.9	498.04	105941	498.8906 ng/ml
Etizolam	5.784	516805	3276.77	29.6	5112.88	14441	593.7272 ng/ml
Fentanyl	5.072	300810	19693.58	54.8	99171.23	290086	50.5415 ng/ml
Fluorofentanyl	5.126	593221	64709.29	50.4	16899.28	2612	49.9265 ng/ml
Fluoxetine	5.683	1942018	61290.84	7.1	4185.54	145663	497.9483 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.990	587279	717.59	47.8	796.15	68454	492.8531 ng/ml
Hydromorphone	1.589	413761	1145424.40	87.7	1714518.01	28506	496.7100 ng/ml
Hydroxyzine	5.680	2128566	457727.80	72.9	174278.22	88567	512.1347 ng/ml
Ketamine	4.010	1302976	63265.04	32.1	7660.36	138416	434.3867 ng/ml
Lamotrigine	4.248	483426	1470.74	86.2	22189.93	327748	2317.0219 ng/ml
Lorazepam	5.717	184200	3544.64	59.2	710.43	30163	461.7610 ng/ml
MDA	3.155	1642030	18721.31	26.4	7669.50	87454	420.7811 ng/ml
MDMA	3.257	1967684	133247.96	84.4	147342.94	33373	504.4347 ng/ml
Meprobamate	4.871	310808	14370.63	33.4	3395.75	49795	328.0594 ng/ml
Methadone	5.629	2339154	1979.76	79.5	254597.93	203254	501.6407 ng/ml
Methamphetamine	3.190	3466289	62176.83	33.6	87051.82	302416	446.2216 ng/ml
Metoprolol	4.288	364145	375775.30	115.0	19291.36	460767	421.3254 ng/ml
Mirtazapine	4.602	2903302	876.24	71.1	2266.47	224218	484.1893 ng/ml
Mitragynine	5.208	626729	371884.02	37.6	717.03	203254	500.1118 ng/ml
Morphine	1.233	45874	412.58	145.1	1030.24	2456	499.5427 ng/ml
Norbuprenorphine	4.961	11670	∞	84.0	928.51	9809	49.5651 ng/ml
Nordiazepam	5.864	601119	12651.79	50.1	21838.45	35602	502.9047 ng/ml
Norfentanyl	4.044	267166	1803.24	39.7	2584.65	186763	52.7437 ng/ml
Norhydrocodone	3.031	138614	185.30	42.5	649.49	15750	536.3617 ng/ml
Noroxycodone	2.874	314126	4798.92	50.6	∞	20406	488.9252 ng/ml
O-desmethyl-tramadol	3.337	5048993	270102.26	6.4	50552.91	519844	505.5747 ng/ml
o-desmethylvenlafaxine	4.029	602005	7679.41	380.1	629.34	45974	500.1610 ng/ml
Olanzapine	4.443	885415	38297.03	64.1	4805.58	41765	499.9310 ng/ml
Oxazepam	5.726	224034	183.50	68.6	10921.07	30163	482.4580 ng/ml
Oxycodone	2.806	916065	2040.08	34.8	1593.77	86734	487.0862 ng/ml
Oxymorphone	1.386	214248	∞	50.9	23811.88	13935	494.3410 ng/ml
Phentermine	3.740	915331	308.10	3.5	258.32	280159	408.9002 ng/ml
Promethazine	5.520	4101785	448856.34	32.9	5104.48	379732	503.8032 ng/ml
Pseudoephedrine	2.553	3536841	1077.58	16.8	89592.45	327748	511.4021 ng/ml
Quetiapine	5.536	1930832	99277.66	60.6	120239.95	58174	470.3835 ng/ml
Sertraline	5.752	630671	40038.30	84.6	4509.58	46335	509.8194 ng/ml
Temazepam	5.801	653302	12926.15	27.4	6509.80	46800	525.1620 ng/ml
Tramadol	4.206	4394779	1369.15	3.5	1366.32	460767	485.0711 ng/ml
Trazodone	5.140	2840767	56740.82	78.6	366487.23	250671	435.5465 ng/ml
Venlafaxine	5.006	4494062	1418.73	26.4	3162.46	416849	507.0048 ng/ml
Xylazine	4.044	1578216	116486.83	49.9	21500.81	128981	513.6933 ng/ml
Zolpidem	4.895	2769032	111658.77	28.2	2283.44	305408	475.6527 ng/ml



AM #28 Multi-Drug Quant. Results

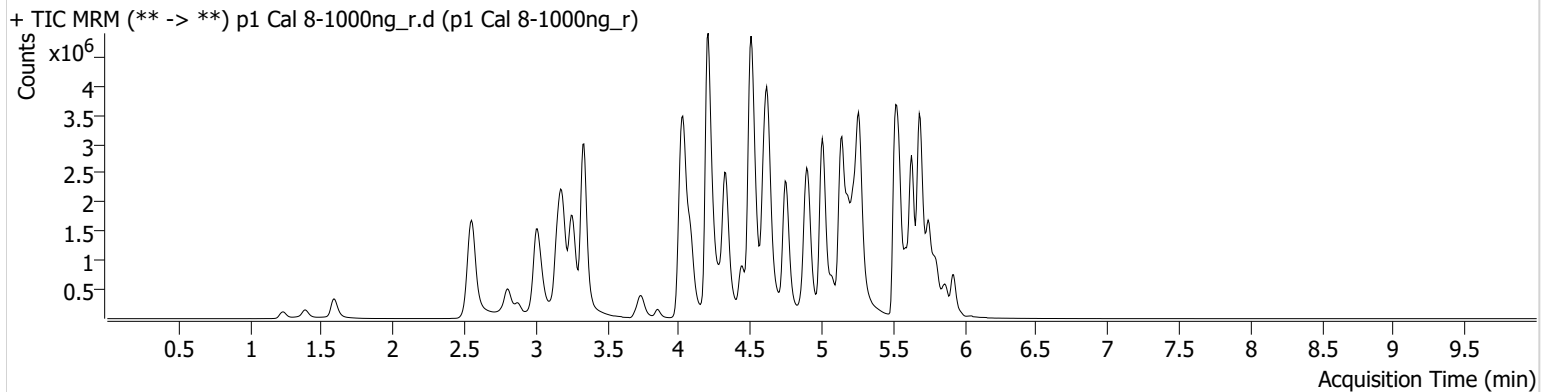
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Acq. Method AM 28 MDQ P1.m
Sample Position P6-H1
Injection Volume 2
Acq. Date-Time 10/18/2024 5:13:50 PM
Sample Info.

Data File p1 Cal 8-1000ng_r.d
Sample p1 Cal 8-1000ng_r
Operator Tamara Salazar
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	3.097	71521	557.83	67.8	29581.45	18080	101.5409 ng/ml
7-aminoclonazepam	4.239	126717	1815.53	67.8	2040.40	7739	728.5566 ng/ml
9-hydroxyrisperidone	4.619	220831	2992.99	3204.1	20816.17	253607	1006.7643 ng/ml
a-hydroxyalprazolam	5.661	162930	544.58	58.6	224.18	5946	840.8638 ng/ml
alpha-PHP	4.898	933596	4190.42	254.2	10540.47	183540	836.8773 ng/ml
alpha-PVP	4.331	4665447	4042.53	55.9	22688.51	183540	1006.7482 ng/ml
Alprazolam	5.745	1039875	355.74	87.6	346.29	32653	951.1251 ng/ml
Amphetamine	3.014	3833342	124294.20	42.8	199.52	79681	539.4291 ng/ml
Benzoylcegonine	3.851	154494	1669.98	41.8	3123.39	6436	1029.3385 ng/ml
Bromazolam	5.784	518304	590469.19	136.9	393624.41	13781	957.5213 ng/ml
Buprenorphine	5.831	146096	690.34	15.2	61474.35	45475	123.3043 ng/ml
Bupropion	4.747	4327434	6517.72	63.8	6979.42	155274	938.9145 ng/ml
Carisoprodol	5.700	532883	607819.43	80.4	1445.11	22700	1124.2620 ng/ml
Citalopram	5.183	2870762	5573.43	29.1	60884.34	129800	988.2955 ng/ml
Clonazepam	5.573	396632	9589.74	28.9	6472.31	8846	695.5839 ng/ml
Clonazepam	5.537	256768	189.48	43.4	89410.06	8846	654.9080 ng/ml
Cocaine	4.225	2134548	80724.91	57.6	2247.83	189864	1009.8985 ng/ml
Codeine	2.549	178565	94.74	96.0	6292.47	10179	809.2860 ng/ml
Cyclobenzaprine	5.596	1758491	3165.96	10.1	454.25	68148	982.6880 ng/ml
Dextromethorphan	5.240	1486150	2014.28	81.0	1071.06	62073	998.1499 ng/ml
Dextrorphan	4.084	1094603	11755.05	202.1	6526.88	107685	1010.4785 ng/ml
Diazepam	5.924	938626	4529.26	87.7	3722.21	39919	975.2535 ng/ml
Dihydrocodeine	2.515	562479	862.90	81.6	23010.56	51354	704.2702 ng/ml
Diphenhydramine	5.268	6413219	2788.80	34.9	24327.73	369480	1026.0640 ng/ml
Doxylamine	4.507	9370099	1469.99	94.2	136762.12	362394	994.5495 ng/ml
Duloxetine	5.623	195145	1710.15	11.7	6513.42	9821	1038.9606 ng/ml
EDDP	5.225	2008565	1278.21	39.3	586.14	91804	997.7146 ng/ml
Etizolam	5.791	717684	19719.64	30.2	5596.72	8846	1345.3308 ng/ml
Fentanyl	5.072	563261	153793.04	54.0	205.23	270050	101.6596 ng/ml
Fluorofentanyl	5.126	942526	23701.83	51.3	11910.59	2215	93.5198 ng/ml
Fluoxetine	5.683	2424834	61958.04	6.8	302.28	88871	1019.2279 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.990	976816	∞	49.2	6043.05	61614	911.2084 ng/ml
Hydromorphone	1.589	719570	3505642.21	87.5	2488287.17	24929	987.8143 ng/ml
Hydroxyzine	5.680	2943037	49758.38	74.3	144736.04	62073	1010.3404 ng/ml
Ketamine	4.003	1802674	62331.91	32.1	675.98	115440	721.1651 ng/ml
Lamotrigine	4.255	466098	7147.33	86.0	21206.94	246294	2978.3053 ng/ml
Lorazepam	5.717	202058	1820.47	59.9	1159.45	15719	973.7354 ng/ml
MDA	3.148	2177947	89545.07	26.0	43250.25	64864	753.2413 ng/ml
MDMA	3.257	2930604	113347.43	84.7	64513.97	25682	976.4818 ng/ml
Meprobamate	4.864	384870	11344.68	33.1	6931.80	40336	502.1878 ng/ml
Methadone	5.629	3610652	1804.32	79.4	1139.05	157888	996.7945 ng/ml
Methamphetamine	3.183	5326987	39729.31	33.5	86454.72	279022	749.0169 ng/ml
Metoprolol	4.288	514293	20643.29	114.6	200379.33	384737	713.2447 ng/ml
Mirtazapine	4.596	4505981	135520.69	69.5	553.24	183540	918.2768 ng/ml
Mitragynine	5.201	931732	∞	36.9	1158.02	157888	957.3966 ng/ml
Morphine	1.233	75316	761.36	142.6	∞	2178	925.0094 ng/ml
Norbuprenorphine	4.961	21914	16348.28	86.2	172.46	9244	98.8830 ng/ml
Nordiazepam	5.870	746661	23209.64	50.4	72855.68	23995	927.3169 ng/ml
Norfentanyl	4.051	312812	15343.62	39.1	1990.00	94619	121.8463 ng/ml
Norhydrocodone	3.031	225584	161.75	44.0	189.36	11834	1160.0371 ng/ml
Noroxycodone	2.874	507681	2927.39	50.3	4795.75	16491	978.1335 ng/ml
O-desmethyl-tramadol	3.337	8395218	5084.61	6.4	439.98	427612	1021.9383 ng/ml
o-desmethylvenlafaxine	4.022	772049	1715.89	384.7	67150.23	30050	981.4408 ng/ml
Olanzapine	4.443	1760973	13991.63	64.6	12786.80	42551	975.5428 ng/ml
Oxazepam	5.719	211747	7851.53	66.6	21673.92	15719	875.5098 ng/ml
Oxycodone	2.799	1610877	∞	35.2	752.72	78500	946.6119 ng/ml
Oxymorphone	1.386	386629	982.18	51.3	∞	13272	936.8922 ng/ml
Phentermine	3.740	1376696	1841.29	3.5	331.36	250884	687.4034 ng/ml
Promethazine	5.513	6244073	65496.50	32.7	4674.48	293116	993.6215 ng/ml
Pseudoephedrine	2.553	5359638	4705.32	16.7	89179.80	246294	1031.3479 ng/ml
Quetiapine	5.536	2754511	168905.99	60.6	146566.08	42344	922.2954 ng/ml
Sertraline	5.752	770506	32402.96	86.9	72128.49	28806	1002.0288 ng/ml
Temazepam	5.800	661092	20992.08	28.6	74.65	22335	1113.2772 ng/ml
Tramadol	4.200	6710977	180647.78	3.6	2498.51	384737	887.6722 ng/ml
Trazodone	5.140	4480135	99821.10	79.9	327346.94	231389	744.7315 ng/ml
Venlafaxine	5.006	7429896	1665.13	26.2	30997.94	342161	1021.1939 ng/ml
Xylazine	4.037	2555316	1992.39	49.9	35604.99	108456	989.1346 ng/ml
Zolpidem	4.895	4399727	121135.69	28.2	24695.51	263748	875.7483 ng/ml