

Worklist: 6948

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3550	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3567	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3618	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3646	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3707	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3833	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2845	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2891	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2976	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2988	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2999	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3000	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3010	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3012	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3013	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3014	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3027	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3030	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3038	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 10/04/2024

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: 11/28/2024

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot:

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. 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: Mobile Phase A ran out early into the run. I remade the mobile phase and restarted the run on 10/06/2024 from the beginning.

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

Alpha-hydroxyalprazolam: 5-500 -- calibrator 8 dropped due to accuracy

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

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

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

Clonazolam: 5-500 -- calibrator 8 dropped due to accuracy

Codeine not evaluated due to poor chromatography in some QC samples

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: 50-500 -- calibrators 5, 6, 7, and 8 removed 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

Norbuprenorphine: 1-100 -- calibrator 1 dropped due to ratio

Norfentanyl: 0.5-50 -- calibrator 8 dropped due to accuracy

O-desvenlafaxine: Qualitative due to peak shape

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

Quetiapine: 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	M2024-3618-1	P2024-2999-1	P2024-3038-1							IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2024-3646-1	P2024-3000-1								IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2024-3707-1	P2024-3010-1								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	M2024-3833-1	P2024-3012-1							IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2024-2845-1	P2024-3013-1							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2024-2891-1	P2024-3014-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2024-3550-1	P2024-2976-1	P2024-3027-1							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2024-3567-1	P2024-2988-1	P2024-3030-2							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\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/8/2024 11:00:27 AM

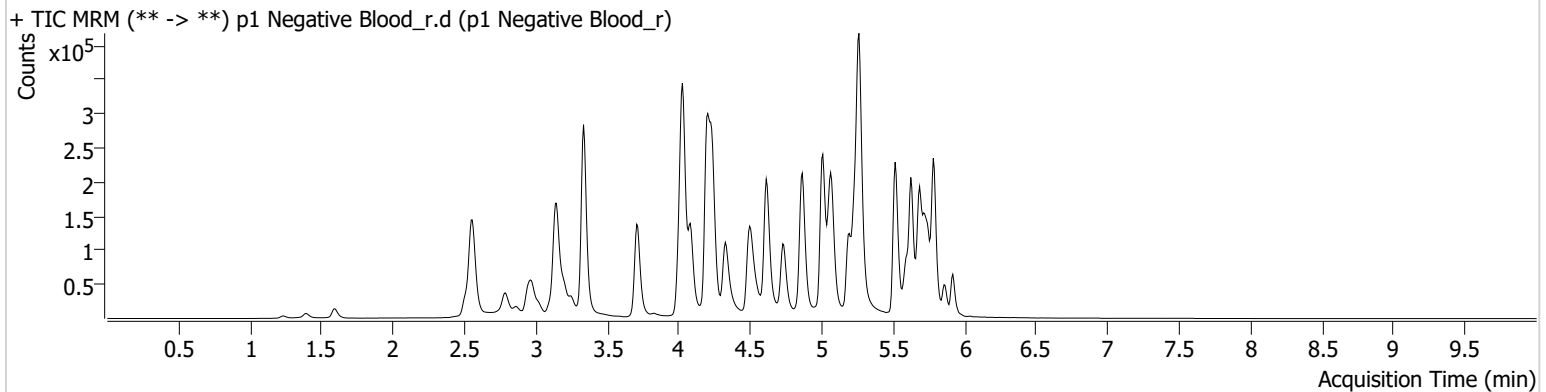
Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P6-F2
Injection Volume 2
Acq. Date-Time 10/6/2024 12:49:16 PM
Sample Info.

Data File
Sample
Operator
Comment

p1 Negative Blood_r.d
p1 Negative Blood_r
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

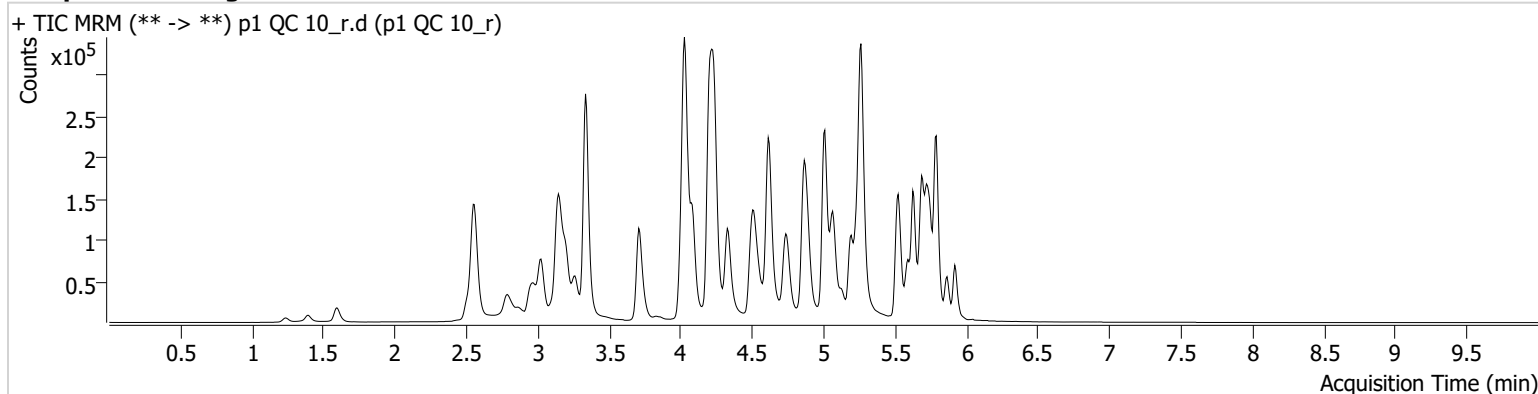
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Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A2
Injection Volume 2
Acq. Date-Time 10/6/2024 11:45:24 AM
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	3.109	1001	3286.74	79.0	243.97	24867	0.9599 ng/ml
7-aminoclonazepam	4.237	16666	1125.35	76.3	663.05	62882	11.4915 ng/ml
9-hydroxyrisperidone	4.617	2963	154.76	3501.7	1348.86	414012	9.1508 ng/ml
a-hydroxyalprazolam	5.671	10690	122.68	57.2	176.65	27026	10.2372 ng/ml
alpha-PHP	4.902	17873	195.55	249.4	3246.39	218768	9.2250 ng/ml
alpha-PVP	4.335	56955	259.53	53.1	277.80	218768	9.4875 ng/ml
Alprazolam	5.748	32751	315.79	105.4	1283.15	101660	9.9476 ng/ml
Amphetamine	3.026	124662	134.42	45.4	3142.23	110693	10.3500 ng/ml
Benzoylcegonine	3.855	1903	31.90	37.1	145.21	7434	9.4908 ng/ml
Bromazolam	5.786	24270	28254.95	124.7	793.14	59364	10.2992 ng/ml
Buprenorphine	5.799	1136	987.74	13.4	214.97	46812	0.9518 ng/ml
Bupropion	4.751	64417	6221.77	60.8	214.07	215489	9.5927 ng/ml
Carisoprodol	5.703	34228	2470.13	68.7	155.79	176697	9.2405 ng/ml
Citalopram	5.193	42957	958.05	34.7	340.12	207710	9.2207 ng/ml
Clonazepam	5.590	35661	394.28	32.6	192.23	43551	10.1722 ng/ml
Clonazepam	5.527	22070	26031.79	39.4	11208.36	43551	9.6929 ng/ml
Cocaine	4.237	45854	3584.44	53.4	471.49	405552	9.5439 ng/ml
Codeine	2.569	2158	304.79	82.2	1129.02	9086	10.8853 ng/ml
Cyclobenzaprine	5.600	16502	191.30	8.8	3970.86	56026	9.3071 ng/ml
Dextromethorphan	5.243	23082	498.67	82.6	1168.31	102930	9.2752 ng/ml
Dextrorphan	4.089	18465	264.04	205.8	1016.35	211946	8.9650 ng/ml
Diazepam	5.927	21669	315.36	86.8	294.59	93178	9.6917 ng/ml
Dihydrocodeine	2.541	6814	1752.15	72.2	79.33	51385	9.4900 ng/ml
Diphenhydramine	5.264	99956	477.21	32.5	683.84	669974	9.1572 ng/ml
Doxylamine	4.518	111084	653.78	99.9	3698.57	461210	8.9412 ng/ml
Duloxetine	5.626	1491	559.29	10.6	57.74	7223	10.9507 ng/ml
EDDP	5.236	27832	1202.81	42.4	578.63	139180	9.4361 ng/ml
Etizolam	5.787	19718	15900.30	29.9	3783.83	43551	9.2194 ng/ml
Fentanyl	5.076	2779	239.83	58.1	1322.65	156476	0.8558 ng/ml
Fluorofentanyl	5.130	5281	275.63	48.5	131.21	1251	0.8747 ng/ml
Fluoxetine	5.686	16672	401.83	7.3	52.32	60912	10.2148 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	17898	45.02	41.5	82.31	91181	10.2132 ng/ml
Hydromorphone	1.602	12213	29.28	78.5	1111.88	38673	9.8353 ng/ml
Hydroxyzine	5.676	38581	1052.99	73.7	2412.18	102930	8.5726 ng/ml
Ketamine	4.021	46001	1576.20	35.9	214.32	196898	9.8495 ng/ml
Lamotrigine	4.246	36570	166.03	81.7	3054.98	411406	91.2339 ng/ml
Lorazepam	5.719	26512	435.31	54.9	149.16	168608	9.9213 ng/ml
MDA	3.167	76493	200.05	23.7	238.21	149779	9.8399 ng/ml
MDMA	3.268	52380	2130.20	77.9	1008.87	45883	9.6551 ng/ml
Meprobamate	4.882	15520	5842.80	31.8	159.67	68752	10.3308 ng/ml
Methadone	5.632	54463	704.03	60.0	805.75	232467	9.0658 ng/ml
Methamphetamine	3.202	146689	375.82	35.9	1789.91	322360	10.5036 ng/ml
Metoprolol	4.292	7910	5576.42	111.5	3000.88	602985	10.1011 ng/ml
Mirtazapine	4.607	73453	252.20	63.2	250.52	218768	8.6892 ng/ml
Mitragynine	5.204	9990	10639.23	40.4	1087.43	232467	8.3046 ng/ml
Morphine	1.240	1942	284.58	84.2	128.84	2860	9.0324 ng/ml
Norbuprenorphine	4.965	211	419.86	75.2	149.70	7886	0.7467 ng/ml
Nordiazepam	5.866	22496	579.77	57.2	218.41	67129	9.5487 ng/ml
Norfentanyl	4.048	11722	1331.33	39.5	50.52	459584	0.9643 ng/ml
Norhydrocodone	3.037	2688	60.68	41.2	83.82	19874	9.2826 ng/ml
Noroxycodone	2.886	11128	318.85	48.1	144.44	33930	10.0610 ng/ml
O-desmethyl-tramadol	3.342	118777	432.66	6.3	167.38	630076	9.5763 ng/ml
o-desmethylvenlafaxine	4.034	107448	221.08	22.0	459.89	102185	9.0771 ng/ml
Olanzapine	4.434	2732	10.57	55.2	232.56	6573	9.5882 ng/ml
Oxazepam	5.729	28619	129.72	70.7	215.40	168608	10.0041 ng/ml
Oxycodone	2.818	26758	304.18	31.3	352.55	112583	9.5637 ng/ml
Oxymorphone	1.392	6130	162.89	47.1	179.56	19734	9.8185 ng/ml
Phentermine	3.744	28091	129.29	3.4	35.49	331886	9.8329 ng/ml
Promethazine	5.523	37805	6417.01	33.2	253.91	190224	9.3304 ng/ml
Pseudoephedrine	2.565	78022	115.89	15.8	592.41	411406	9.0310 ng/ml
Quetiapine	5.526	54415	2807.91	61.0	633.07	79743	9.7237 ng/ml
Sertraline	5.755	3844	74.91	111.4	118.24	18072	8.9658 ng/ml
Temazepam	5.790	58712	708.73	28.0	160.15	245914	9.5453 ng/ml
Tramadol	4.211	105344	365.59	3.8	63.89	602985	10.1343 ng/ml
Trazodone	5.123	40753	144.93	72.0	100.73	188987	9.5124 ng/ml
Venlafaxine	5.010	100306	266.28	30.0	79.33	500150	9.6275 ng/ml
Xylazine	4.049	39634	1619.21	48.9	701.91	172646	9.6033 ng/ml
Zolpidem	4.886	90883	1992.82	30.0	415.50	422797	10.1507 ng/ml



AM #28 Multi-Drug Quant. Results

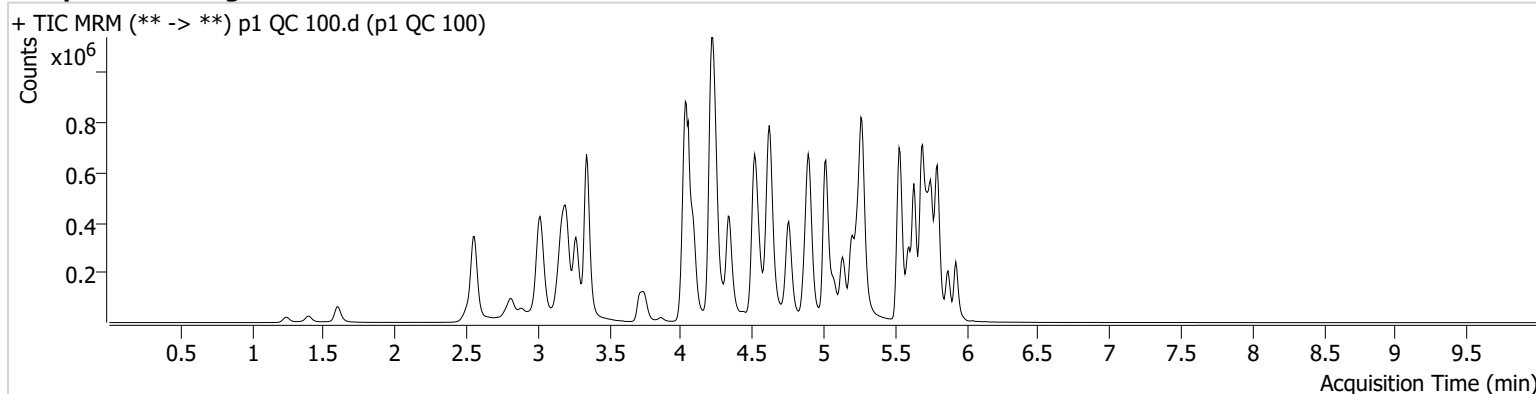
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Calibration Last Update 10/8/2024 11:00:27 AM

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Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B2
Injection Volume 2
Acq. Date-Time 10/6/2024 7:55:04 PM
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	3.109	9641	554.20	72.4	3969.60	22584	9.6350 ng/ml
7-aminoclonazepam	4.237	92806	16804.66	73.7	17167.28	49246	90.0135 ng/ml
9-hydroxyrisperidone	4.624	28570	51541.88	3367.1	5250.63	362964	98.1686 ng/ml
a-hydroxyalprazolam	5.671	84252	537.59	62.2	498.82	22233	105.8040 ng/ml
alpha-PHP	4.908	177493	2331.35	258.0	9198.65	223791	96.9112 ng/ml
alpha-PVP	4.342	611491	1201.55	54.2	8048.46	223791	100.1998 ng/ml
Alprazolam	5.755	310201	1224.10	103.4	2825.29	90771	107.0694 ng/ml
Amphetamine	3.020	1007360	48671.54	43.6	57884.01	102159	104.4799 ng/ml
Benzoylcegonine	3.862	16563	524.29	38.5	76.98	6671	97.1446 ng/ml
Bromazolam	5.793	193301	122859.24	128.5	220263.81	50589	101.2168 ng/ml
Buprenorphine	5.806	11203	14544.97	14.8	307.59	44056	10.5114 ng/ml
Bupropion	4.758	617867	846.05	60.6	588.23	201452	100.7099 ng/ml
Carisoprodol	5.703	278375	1853046.92	68.9	11303.38	132482	97.5522 ng/ml
Citalopram	5.193	438975	656.49	34.9	370.42	199396	97.9621 ng/ml
Clonazepam	5.590	286938	721852.42	32.3	228374.02	35997	107.0255 ng/ml
Clonazolam	5.534	180423	4089.53	38.7	90422.87	35997	103.5944 ng/ml
Cocaine	4.237	431137	622029.71	53.6	211552.95	372491	98.9011 ng/ml
Codeine	2.569	19069	83.56	94.3	89.79	11303	84.5094 ng/ml
Cyclobenzaprine	5.606	197619	33296.39	9.6	51.69	65415	94.3499 ng/ml
Dextromethorphan	5.250	219681	597.70	80.0	85690.32	94003	96.5180 ng/ml
Dextrorphan	4.089	182475	120830.82	206.0	838.78	200568	97.3995 ng/ml
Diazepam	5.927	213672	30303.99	88.0	500.71	91310	100.2699 ng/ml
Dihydrocodeine	2.507	77391	73.74	68.5	248.95	56094	106.9773 ng/ml
Diphenhydramine	5.271	925909	2217.42	34.1	584.80	596501	95.0878 ng/ml
Doxylamine	4.518	1180046	693083.47	98.0	406.72	463398	96.5296 ng/ml
Duloxetine	5.626	25254	597.43	13.3	180.65	13055	104.4485 ng/ml
EDDP	5.236	302325	762.19	42.8	14497.16	146397	97.2577 ng/ml
Etizolam	5.793	176298	29780.27	29.3	46198.57	35997	94.7651 ng/ml
Fentanyl	5.076	27685	24741.71	59.2	24722.50	145580	9.6281 ng/ml
Fluorofentanyl	5.130	56628	264.54	46.6	4996.65	1258	9.4129 ng/ml
Fluoxetine	5.686	275097	38752.97	7.3	41310.05	101178	101.8039 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	160531	∞	40.9	364.09	82158	104.7213 ng/ml
Hydromorphone	1.602	109115	6503.23	79.7	234815.04	33859	101.3344 ng/ml
Hydroxyzine	5.683	360006	56941.60	70.0	10082.42	94003	85.7687 ng/ml
Ketamine	4.021	424087	31084.27	36.1	2139.90	184263	103.9931 ng/ml
Lamotrigine	4.253	232996	4781.82	81.8	5029.22	356790	769.3351 ng/ml
Lorazepam	5.726	163897	8418.16	58.1	1007.71	124195	93.1012 ng/ml
MDA	3.174	611767	1220.77	22.9	348.45	123864	103.8564 ng/ml
MDMA	3.268	510148	4031.11	77.2	291.07	42339	103.1810 ng/ml
Meprobamate	4.882	116018	11974.74	30.6	1336.55	57390	103.7064 ng/ml
Methadone	5.632	563925	2227.37	58.5	842.37	221606	97.2379 ng/ml
Methamphetamine	3.202	821186	46477.49	36.4	12796.45	305536	101.3565 ng/ml
Metoprolol	4.299	73321	103460.00	109.1	1183.12	580951	105.2005 ng/ml
Mirtazapine	4.614	698170	872401.78	64.2	453.47	223791	86.2782 ng/ml
Mitragynine	5.211	109634	197942.77	39.6	686.30	221606	93.1233 ng/ml
Morphine	1.240	16890	3213.25	84.0	756.73	2411	99.7458 ng/ml
Norbuprenorphine	4.965	1868	3126.80	76.0	1637.99	7288	10.1998 ng/ml
Nordiazepam	5.873	224864	2057.69	54.7	644.04	65495	100.1719 ng/ml
Norfentanyl	4.056	101618	1115.21	38.7	311.89	377290	9.9443 ng/ml
Norhydrocodone	3.043	29319	928.11	41.6	288.94	18820	93.7107 ng/ml
Noroxycodone	2.886	96438	1169.53	46.7	910.70	29330	105.7229 ng/ml
O-desmethyl-tramadol	3.342	1175447	965.46	6.4	44424.13	591979	101.0183 ng/ml
o-desmethylvenlafaxine	4.054	1054888	17905.17	21.0	4009.98	90020	102.0872 ng/ml
Olanzapine	4.441	43108	1684.04	55.9	991.68	9627	101.9763 ng/ml
Oxazepam	5.729	207415	3158.09	70.2	3294.72	124195	103.9646 ng/ml
Oxycodone	2.811	256145	1107.53	30.7	658.01	106271	98.6132 ng/ml
Oxymorphone	1.392	52246	451.42	48.3	304.73	16841	101.7567 ng/ml
Phentermine	3.751	254510	308.65	3.2	153.76	307948	102.4198 ng/ml
Promethazine	5.523	457004	1500.18	31.7	5846.66	213940	100.4970 ng/ml
Pseudoephedrine	2.559	709788	51943.03	15.9	47383.06	356790	97.2410 ng/ml
Quetiapine	5.533	529337	611.00	59.3	35015.64	76417	103.7072 ng/ml
Sertraline	5.755	89942	331.39	92.5	2297.85	37939	97.5533 ng/ml
Temazepam	5.796	404481	30719.93	29.7	3794.90	164983	95.8414 ng/ml
Tramadol	4.218	1025997	191.63	3.8	198.56	580951	108.7444 ng/ml
Trazodone	5.130	385647	18090.57	73.4	306173.62	170809	101.0250 ng/ml
Venlafaxine	5.016	1022423	926.10	30.2	622.35	495517	98.7292 ng/ml
Xylazine	4.056	379116	267721.94	47.9	853.37	156063	100.2113 ng/ml
Zolpidem	4.893	870448	872430.20	29.1	347668.82	406399	107.7798 ng/ml



AM #28 Multi-Drug Quant. Results

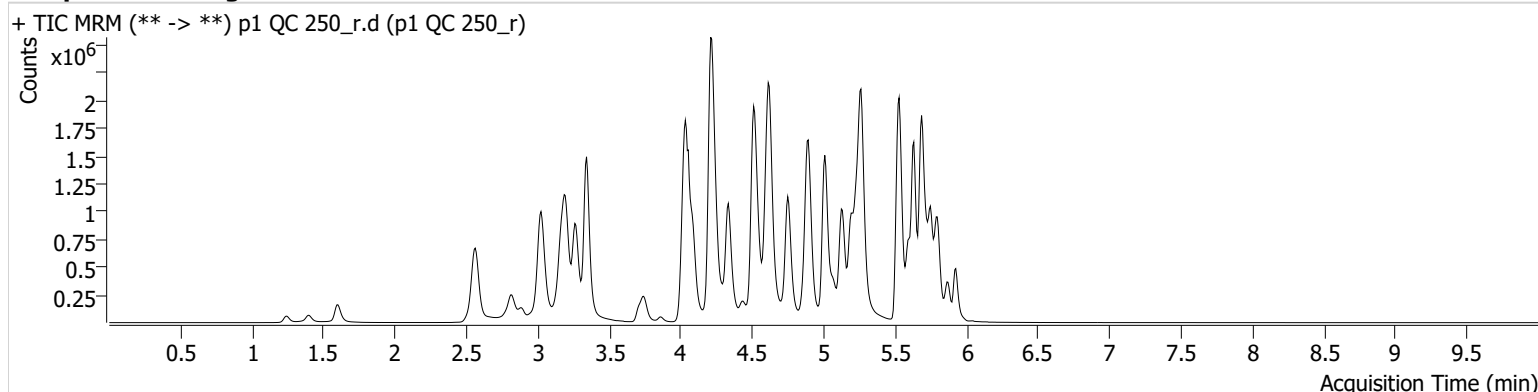
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Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C2
Injection Volume 2
Acq. Date-Time 10/6/2024 12:06:40 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	3.109	27588	1290.06	69.3	49605.40	25798	24.0513 ng/ml
7-aminoclonazepam	4.230	124916	7645.38	75.7	3712.46	29922	201.0504 ng/ml
9-hydroxyrisperidone	4.617	95644	1663.26	3351.3	2158799.94	474810	250.8373 ng/ml
a-hydroxyalprazolam	5.671	146186	413.52	66.4	719.31	19559	209.5517 ng/ml
alpha-PHP	4.902	497431	5187.20	255.6	53429.71	256110	238.5478 ng/ml
alpha-PVP	4.335	1731448	1553.58	54.2	2679.49	256110	248.0111 ng/ml
Alprazolam	5.748	697810	1255.55	105.3	3374.38	87300	250.6472 ng/ml
Amphetamine	3.026	2273596	1545.64	44.7	4690.82	114454	212.2896 ng/ml
Benzoylcegonine	3.862	48114	612.50	40.4	1357.73	7920	238.5534 ng/ml
Bromazolam	5.786	367811	203101.02	134.7	591221.72	39384	248.2471 ng/ml
Buprenorphine	5.799	38629	34135.35	15.1	4990.51	63152	25.3627 ng/ml
Bupropion	4.751	1878520	79908.17	61.1	1147.16	250044	247.0460 ng/ml
Carisoprodol	5.703	548488	1323.13	69.4	415.28	104983	242.1512 ng/ml
Citalopram	5.193	1399307	1247.76	35.2	394435.60	254191	244.9260 ng/ml
Clonazepam	5.583	511410	47262.69	32.5	723996.29	28882	238.8621 ng/ml
Clonazolam	5.534	332747	439864.79	40.1	114096.18	28882	239.2509 ng/ml
Cocaine	4.230	1104296	209328.80	53.8	282.65	373363	252.9326 ng/ml
Codeine	2.569	49021	1381.01	88.0	58.69	9504	260.7904 ng/ml
Cyclobenzaprine	5.600	824910	13382.93	9.5	91181.03	108315	237.6712 ng/ml
Dextromethorphan	5.243	749877	2388.56	78.7	808.38	131015	236.3670 ng/ml
Dextrorphan	4.089	486136	992.60	206.8	39252.69	219417	237.7679 ng/ml
Diazepam	5.927	504218	5572.33	90.3	2282.72	87733	246.7029 ng/ml
Dihydrocodeine	2.534	164924	115.13	67.2	223.91	57144	224.7415 ng/ml
Diphenhydramine	5.264	3038455	75384.71	34.1	2379.02	764386	243.4741 ng/ml
Doxylamine	4.511	3532139	169818.72	97.3	260690.73	557294	240.5640 ng/ml
Duloxetine	5.626	63420	1128.33	13.0	950.09	13272	258.3163 ng/ml
EDDP	5.229	965374	8647.52	41.8	906.85	176368	257.7520 ng/ml
Etizolam	5.793	399942	23113.46	29.8	14560.23	28882	267.0159 ng/ml
Fentanyl	5.069	130732	298.94	61.8	2354.32	282795	23.4729 ng/ml
Fluorofentanyl	5.130	268874	7569.25	47.9	118144.38	2274	24.7450 ng/ml
Fluoxetine	5.686	729020	63214.34	7.6	446.45	107820	253.2198 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	428770	980.12	43.9	∞	93328	246.6887 ng/ml
Hydromorphone	1.602	299826	1131067.67	78.5	755455.74	36926	255.4799 ng/ml
Hydroxyzine	5.683	1405908	438135.84	71.9	17461.59	131015	239.9675 ng/ml
Ketamine	4.014	1036433	1084.47	36.3	4574.71	199372	235.8799 ng/ml
Lamotrigine	4.246	403773	27468.24	81.6	49813.34	357373	1342.4507 ng/ml
Lorazepam	5.719	239316	43919.65	58.1	1551.55	78446	216.9667 ng/ml
MDA	3.167	1360437	55711.99	22.6	2480.56	124495	231.0010 ng/ml
MDMA	3.268	1429017	681.41	77.6	7128.48	47436	258.1750 ng/ml
Meprobamate	4.875	223891	440.78	30.2	300.85	57026	202.7334 ng/ml
Methadone	5.632	1988815	151533.96	58.6	170731.40	314297	241.6108 ng/ml
Methamphetamine	3.195	2242212	4208.97	36.0	31700.08	364108	242.5775 ng/ml
Metoprolol	4.292	184425	158264.89	111.1	177751.80	624663	247.3414 ng/ml
Mirtazapine	4.600	2211442	148291.72	62.6	5986.15	256110	239.9799 ng/ml
Mitragynine	5.204	393907	7858.08	39.7	303305.91	314297	235.5480 ng/ml
Morphine	1.240	43725	733.24	83.0	1652.56	2538	246.3196 ng/ml
Norbuprenorphine	4.965	6312	2472.31	81.3	∞	9392	27.3194 ng/ml
Nordiazepam	5.873	461198	1403.39	54.1	6003.92	54370	247.8685 ng/ml
Norfentanyl	4.048	230356	2674.66	38.5	262.86	322936	26.2958 ng/ml
Norhydrocodone	3.043	88722	103.62	42.9	330.14	21587	245.1700 ng/ml
Noroxycodone	2.886	252614	4156.54	46.7	3092.32	32355	251.7845 ng/ml
O-desmethyl-tramadol	3.342	3283816	271030.89	6.4	25517.18	659246	253.4399 ng/ml
o-desmethylvenlafaxine	4.034	2409156	65956.00	22.2	7462.03	86496	242.7726 ng/ml
Olanzapine	4.434	313738	1978.43	58.4	2593.47	28756	248.2766 ng/ml
Oxazepam	5.729	298518	544.52	73.5	3249.39	78446	237.6912 ng/ml
Oxycodone	2.811	718218	2240.91	31.0	1968.91	121578	241.9512 ng/ml
Oxymorphone	1.392	143919	∞	46.3	902.43	19107	247.6616 ng/ml
Phentermine	3.744	657120	859.75	3.1	197.61	350038	233.5701 ng/ml
Promethazine	5.516	1920105	2950.13	32.3	1096.08	364217	248.0526 ng/ml
Pseudoephedrine	2.565	1793050	74591.82	16.0	2187.79	357373	245.6495 ng/ml
Quetiapine	5.533	1588437	213214.40	60.4	738023.11	97940	243.5475 ng/ml
Sertraline	5.755	165391	7631.39	94.0	322159.12	27959	243.0654 ng/ml
Temazepam	5.803	671639	12566.39	28.8	3084.06	106167	246.9382 ng/ml
Tramadol	4.211	2566941	1032.31	3.9	1091.03	624663	253.9466 ng/ml
Trazodone	5.123	1544318	223.09	73.9	373699.44	294194	235.0846 ng/ml
Venlafaxine	5.010	2877549	157635.59	30.5	11505.26	555228	247.9320 ng/ml
Xylazine	4.049	1105221	1161.38	49.5	25689.09	182373	249.7758 ng/ml
Zolpidem	4.886	2395538	22810.36	29.3	6653.09	465010	260.2716 ng/ml



AM #28 Multi-Drug Quant. Results

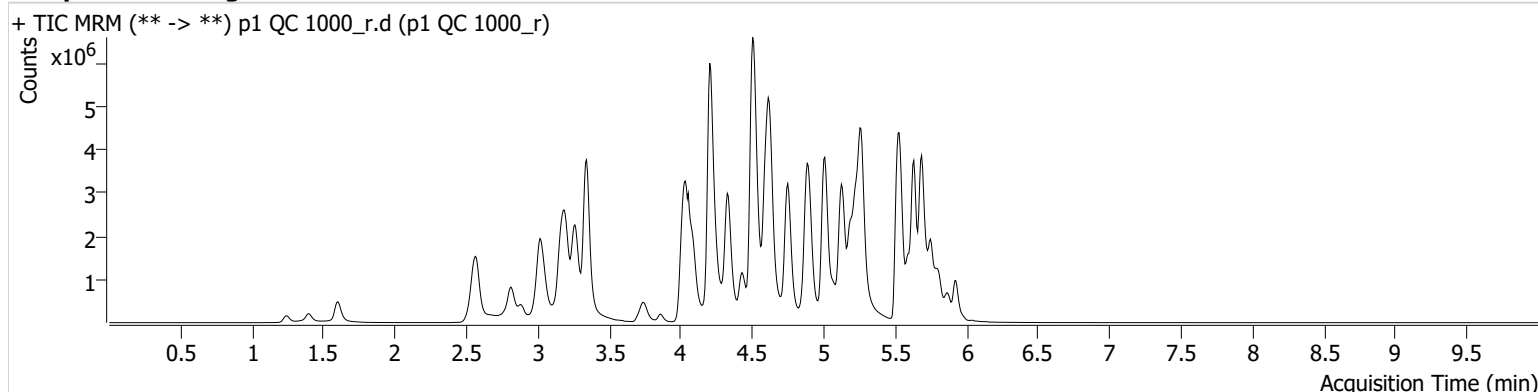
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Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D2
Injection Volume 2
Acq. Date-Time 10/6/2024 12:27:59 PM
Sample Info.

Data File p1 QC 1000_r.d
Sample p1 QC 1000_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	3.109	94670	90412.80	69.1	1226.78	21601	98.3928 ng/ml
7-aminoclonazepam	4.244	134942	3327.69	74.3	3430.00	7956	820.9520 ng/ml
9-hydroxyrisperidone	4.617	288162	287803.16	3409.6	21826.15	353180	1015.2510 ng/ml
a-hydroxyalprazolam	5.664	213014	206.12	64.3	∞	8286	723.0110 ng/ml
alpha-PHP	4.902	1241102	5288.85	263.1	29076.36	207982	734.6617 ng/ml
alpha-PVP	4.329	5609785	1829.10	55.0	45026.49	207982	989.6811 ng/ml
Alprazolam	5.748	1467815	1429.54	106.6	398.10	47992	959.5066 ng/ml
Amphetamine	3.026	4724657	188671.25	45.0	128240.88	97019	523.0203 ng/ml
Benzoylcegonine	3.862	200325	28084.45	39.8	8190.72	8319	947.3370 ng/ml
Bromazolam	5.786	617548	637031.58	133.7	663322.12	17984	914.3687 ng/ml
Buprenorphine	5.806	98202	116590.69	14.8	15944.14	42466	96.0421 ng/ml
Bupropion	4.751	6096393	552224.74	61.2	280390.50	220723	908.9094 ng/ml
Carisoprodol	5.703	886244	153.64	67.1	647.18	36359	1128.7414 ng/ml
Citalopram	5.186	3457012	73264.54	34.9	499.15	160750	956.7629 ng/ml
Clonazepam	5.577	667573	29675.15	33.1	4224.39	12725	709.5187 ng/ml
Clonazepam	5.547	408790	1629.92	40.9	196190.87	12725	668.7060 ng/ml
Cocaine	4.230	2625695	75396.25	56.3	2071.63	225461	996.2989 ng/ml
Codeine	2.569	127701	191.69	111.9 High	94.26	9298	696.3518 ng/ml
Cyclobenzaprine	5.600	2239137	49585.77	9.1	309185.74	71418	978.0729 ng/ml
Dextromethorphan	5.236	1779119	210.25	77.3	808.10	76358	962.1579 ng/ml
Dextrorphan	4.082	1339240	88862.87	207.9	1229.98	143044	1006.0289 ng/ml
Diazepam	5.927	1250854	55830.88	87.9	365.00	57132	940.6812 ng/ml
Dihydrocodeine	2.527	527642	228.35	71.8	981.50	58287	706.7988 ng/ml
Diphenhydramine	5.264	8113775	705913.82	33.8	792.69	497082	999.7250 ng/ml
Doxylamine	4.504	12634050	334865.66	95.1	224493.63	501075	957.6321 ng/ml
Duloxetine	5.619	120145	1617.99	12.3	3562.91	6345	1024.3766 ng/ml
EDDP	5.229	3446164	806.81	41.6	501.15	157477	1030.4334 ng/ml
Etizolam	5.793	901270	8477.27	29.4	30657.06	12725	1363.6977 ng/ml
Fentanyl	5.069	541011	30993.87	60.9	1093.93	283297	97.1159 ng/ml
Fluorofentanyl	5.130	864111	36538.48	50.6	12578.40	1933	93.5567 ng/ml
Fluoxetine	5.686	1559112	39834.42	7.5	95774.85	55193	1058.0451 ng/ml



AM #28 Multi-Drug Quant. Results

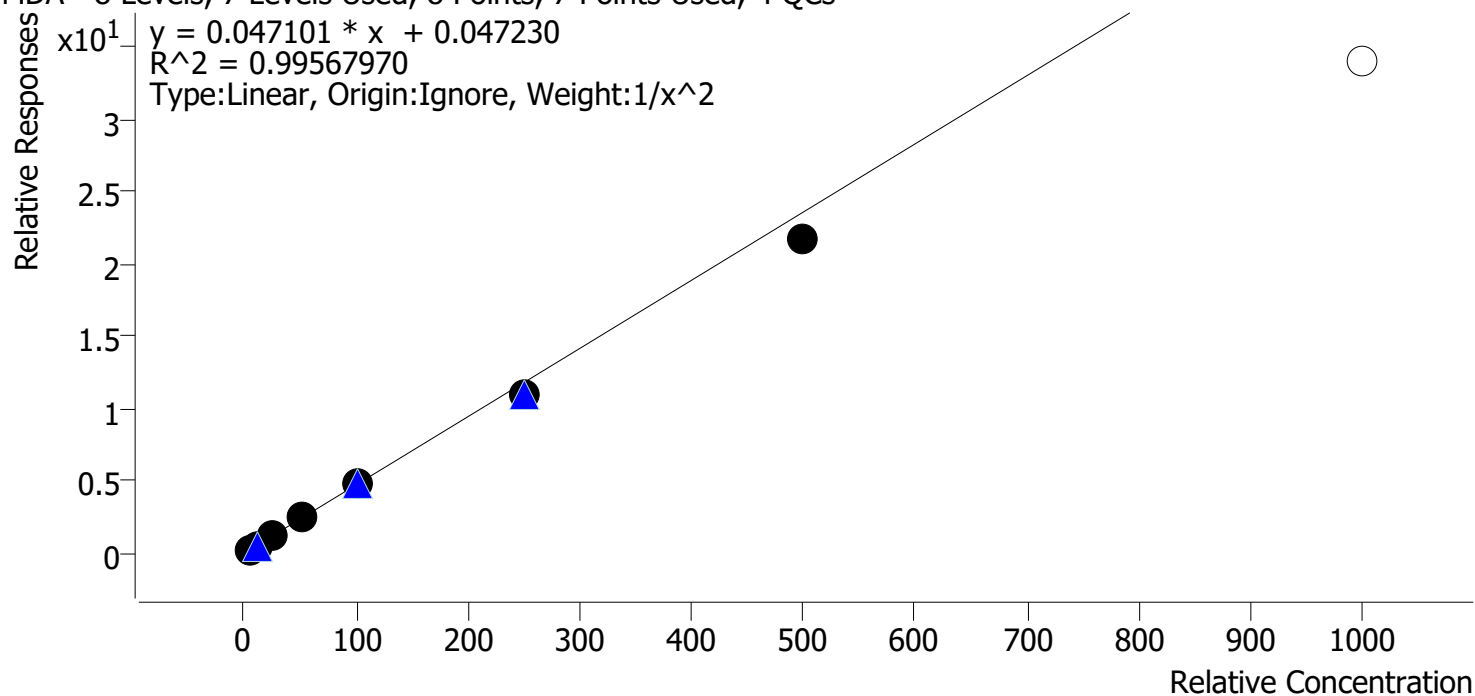
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.995	1497276	∞	43.0	2201.93	85350	942.9329 ng/ml
Hydromorphone	1.602	1038229	3920404.82	79.4	2997.23	32760	997.4924 ng/ml
Hydroxyzine	5.676	3689503	723764.87	73.3	1939.58	76358	1079.8173 ng/ml
Ketamine	4.007	2257044	587.67	37.8	505.19	149729	685.4837 ng/ml
Lamotrigine	4.246	474680	21064.66	81.8	27454.28	250574	2261.4206 ng/ml
Lorazepam	5.719	333014	23422.93	56.5	1631.46	22566	1054.6403 ng/ml
MDA	3.153	2655810	354.64	22.7	110303.14	78131	720.6684 ng/ml
MDMA	3.261	3989519	27059.70	76.3	877.12	34512	991.0568 ng/ml
Meprobamate	4.868	330348	826.05	29.7	388.21	37406	457.7879 ng/ml
Methadone	5.632	5684000	5904.58	58.3	2040.46	224949	964.4145 ng/ml
Methamphetamine	3.195	6234880	100810.30	35.7	42443.25	356180	704.3118 ng/ml
Metoprolol	4.292	477519	233364.72	110.9	68585.51	490675	817.4380 ng/ml
Mirtazapine	4.593	6209627	224361.33	62.5	441774.14	207982	831.4287 ng/ml
Mitragynine	5.198	1103238	1078734.36	39.8	748180.42	224949	921.0585 ng/ml
Morphine	1.240	131992	5835.97	86.5	∞	2060	917.8516 ng/ml
Norbuprenorphine	4.958	22387	15098.72	81.6	8225.48	9322	98.5325 ng/ml
Nordiazepam	5.873	833620	510.74	57.8	5075.04	26227	929.4611 ng/ml
Norfentanyl	4.048	383232	5631.96	38.8	8151.32	103590	136.2737 ng/ml
Norhydrocodone	3.037	294615	∞	39.7	∞	15707	1114.4293 ng/ml
Noroxycodone	2.886	793358	5331.68	46.4	13247.51	25974	986.5853 ng/ml
O-desmethyl-tramadol	3.342	10746671	522288.76	6.3	285816.98	536260	1019.6759 ng/ml
o-desmethylvenlafaxine	4.027	4731350	154691.26	22.4	342.69	43153	955.9167 ng/ml
Olanzapine	4.428	2180193	666.72	58.3	1011.06	47685	1039.9768 ng/ml
Oxazepam	5.729	329920	8962.25	70.3	3034.61	22566	914.9719 ng/ml
Oxycodone	2.811	2677260	2708.39	30.6	4190.57	115418	950.5638 ng/ml
Oxymorphone	1.392	531039	2858.24	46.4	572.42	18073	967.2766 ng/ml
Phentermine	3.744	1671982	556.10	3.1	991.94	309490	673.5333 ng/ml
Promethazine	5.516	5890142	2548.47	32.4	1726.64	275396	1006.4137 ng/ml
Pseudoephedrine	2.572	5185889	356389.38	16.1	94.63	250574	1014.1122 ng/ml
Quetiapine	5.533	3905757	206694.59	60.3	1682169.20	75972	773.2048 ng/ml
Sertraline	5.755	388707	15790.37	92.5	11145.36	14772	1080.4335 ng/ml
Temazepam	5.810	869136	170.21	29.0	11038.61	30730	1103.1966 ng/ml
Tramadol	4.204	7285059	709.70	4.1	409.08	490675	919.3187 ng/ml
Trazodone	5.123	5023739	262836.66	76.1	263704.88	297191	757.3628 ng/ml
Venlafaxine	5.010	9122337	493731.49	29.9	4404.35	436649	999.3312 ng/ml
Xylazine	4.042	3346323	647341.12	49.7	176320.10	138278	996.9787 ng/ml
Zolpidem	4.879	6864168	260744.18	28.8	225332.79	409317	848.9245 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



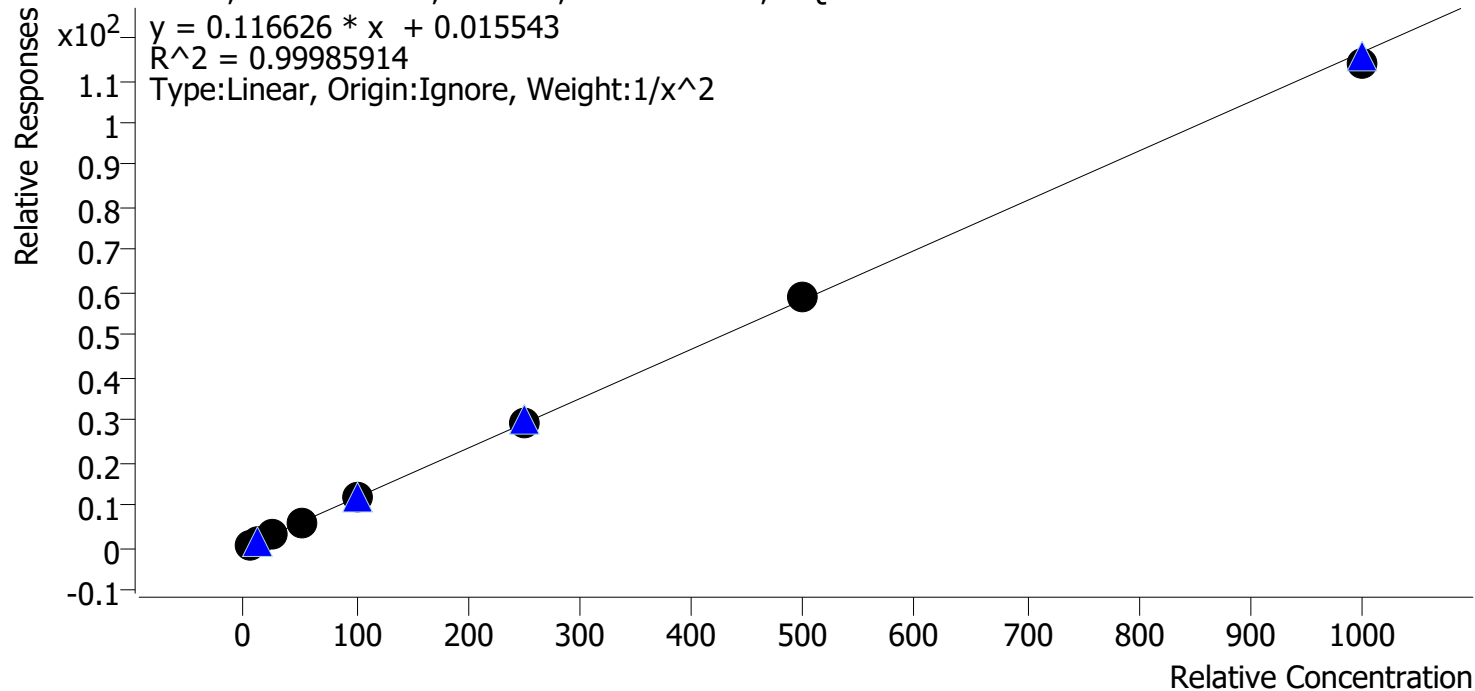
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p1 Cal 4-50ng_r	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng_r	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng_r	6	✓	250.0	233.9	93.6
p1 Cal 7-500ng_r	7	✓	500.0	461.4	92.3
p1 Cal 8-1000ng_r	8	✗	1000.0	720.2	72.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



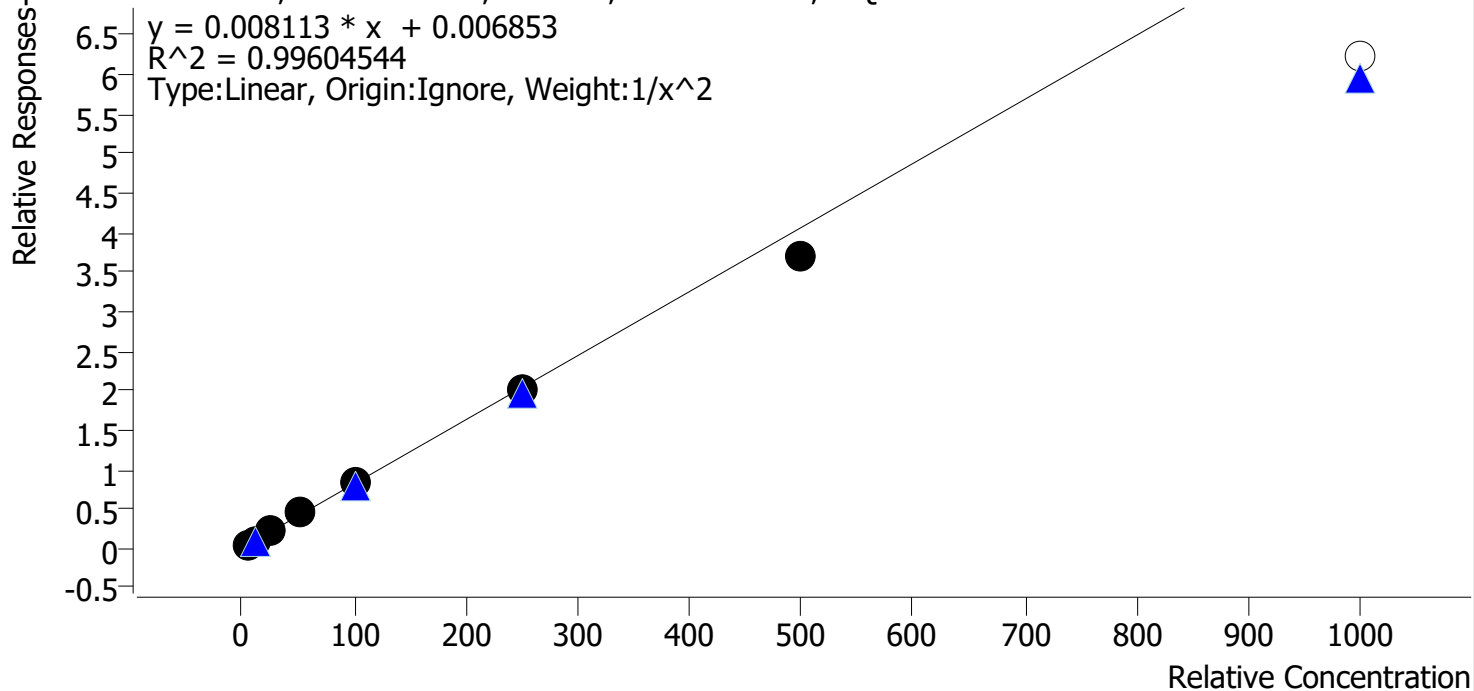
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p1 Cal 4-50ng_r	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng_r	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng_r	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng_r	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng_r	8	✓	1000.0	980.1	98.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



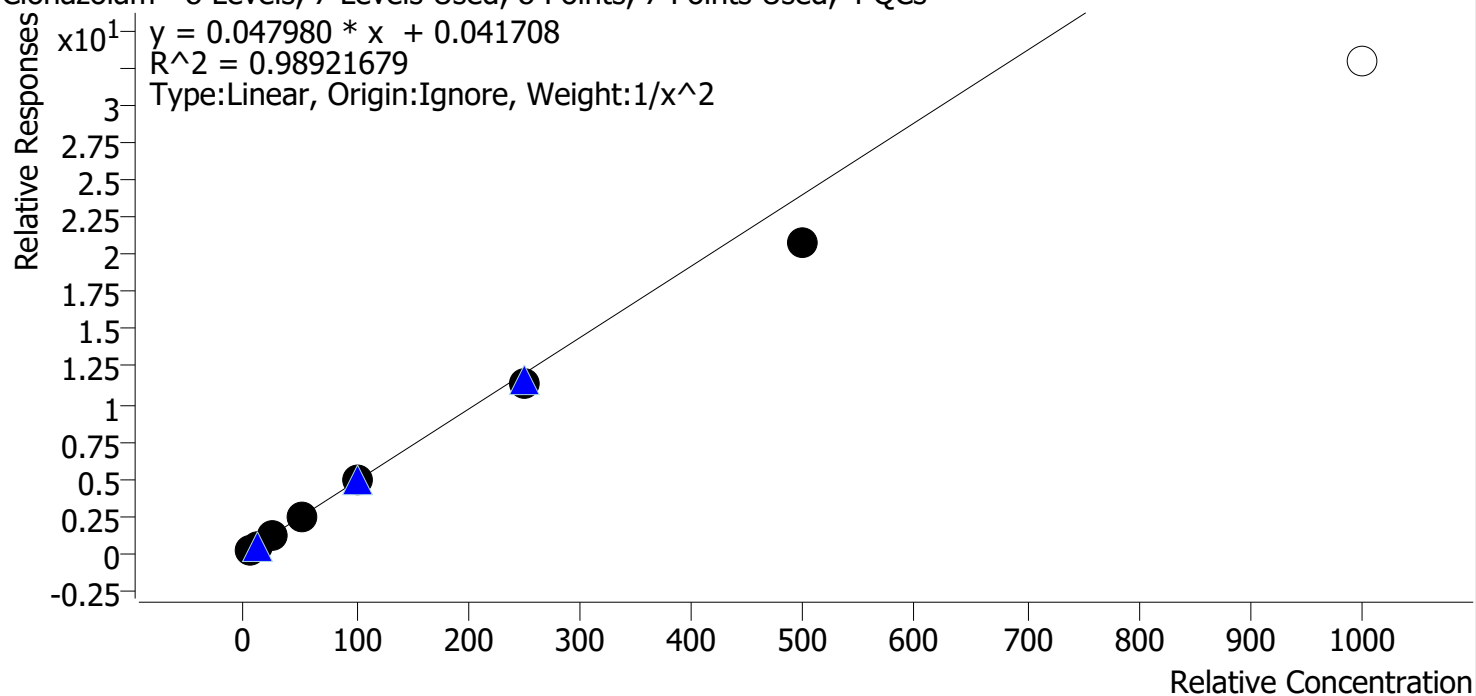
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p1 Cal 4-50ng_r	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng_r	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng_r	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng_r	7	✓	500.0	452.8	90.6
p1 Cal 8-1000ng_r	8	✗	1000.0	766.6	76.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Clonazepam Internal Standard Clonazepam-D4

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



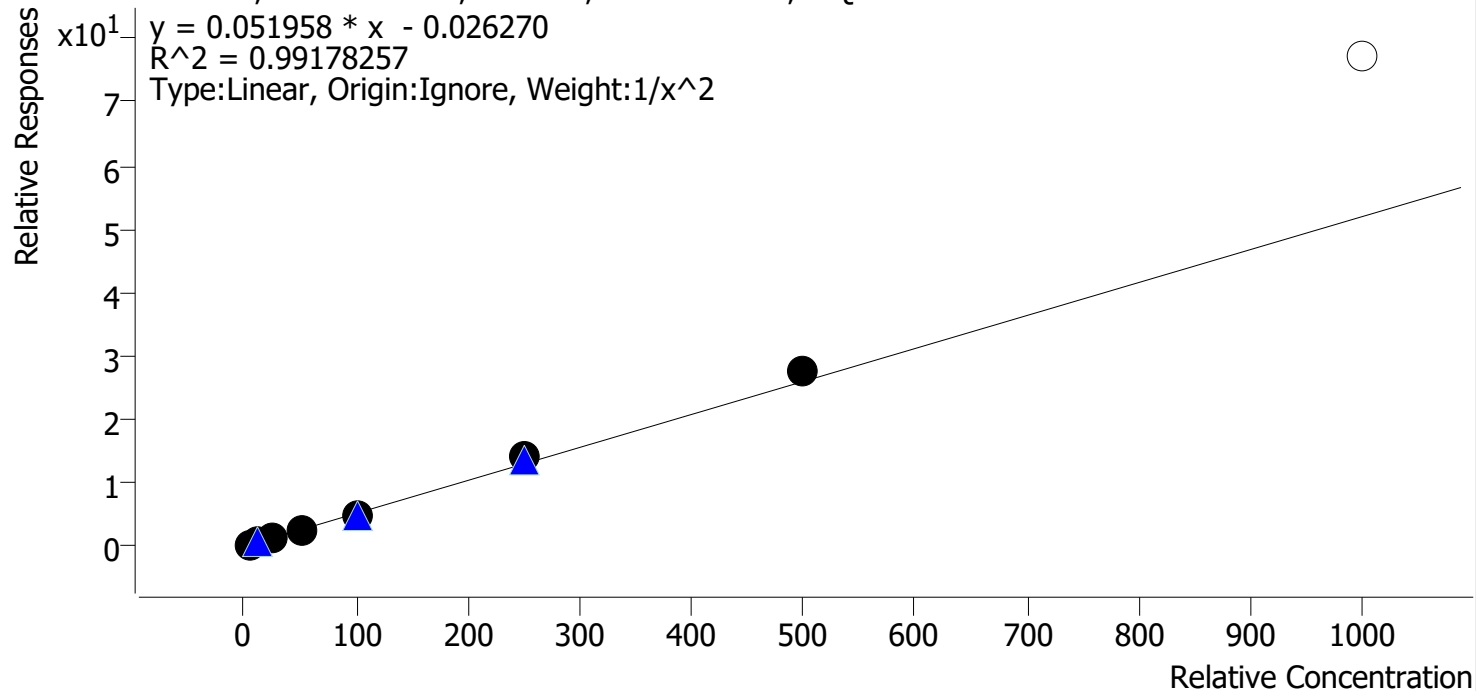
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.6	92.7
p1 Cal 2-10ng r	2	✓	10.0	11.1	111.3
p1 Cal 3 -25ng_r	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng_r	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng_r	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng_r	6	✓	250.0	236.3	94.5
p1 Cal 7-500ng_r	7	✓	500.0	433.1	86.6
p1 Cal 8-1000ng_r	8	✗	1000.0	684.7	68.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



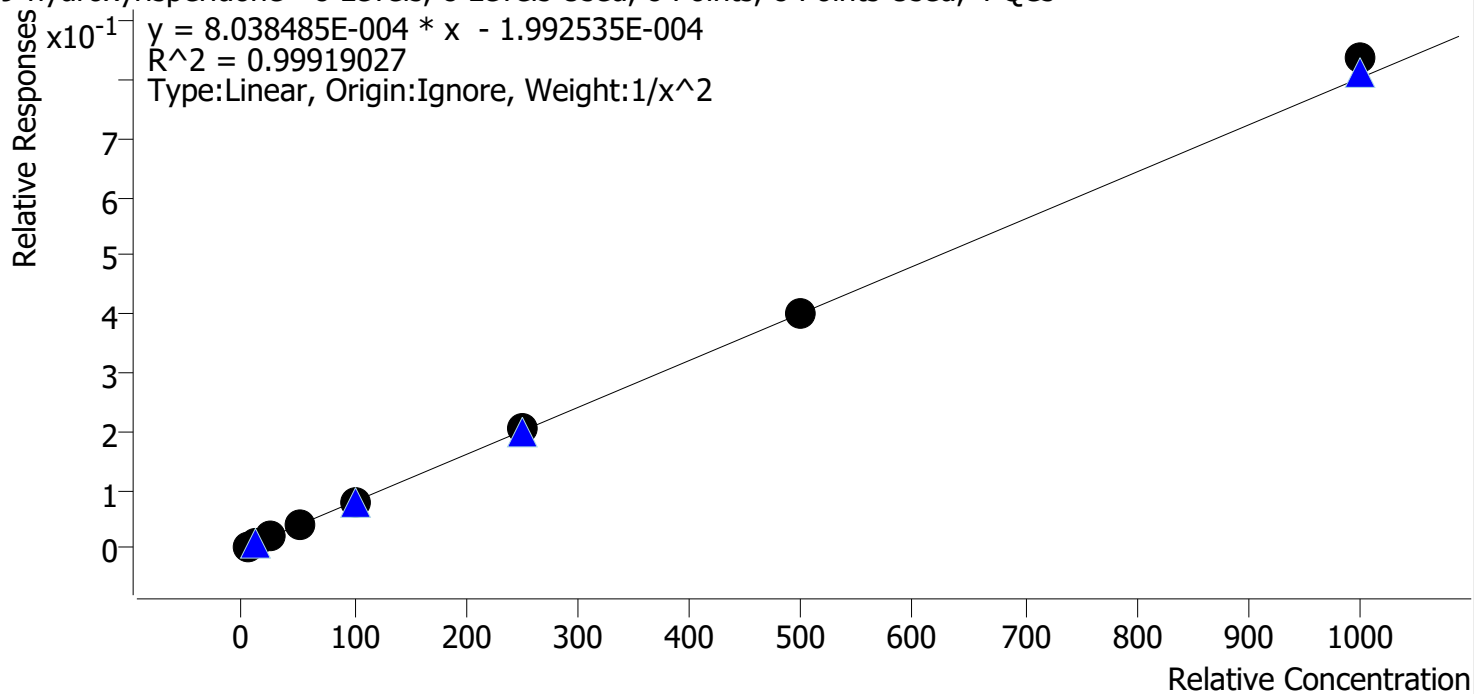
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng r	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng_r	3	✓	25.0	22.4	89.6
p1 Cal 4-50ng_r	4	✓	50.0	46.2	92.5
p1 Cal 5-100ng_r	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng_r	6	✓	250.0	274.1	109.7
p1 Cal 7-500ng_r	7	✓	500.0	533.4	106.7
p1 Cal 8-1000ng_r	8	✗	1000.0	1485.4	148.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4

9-hydroxyrisperidone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



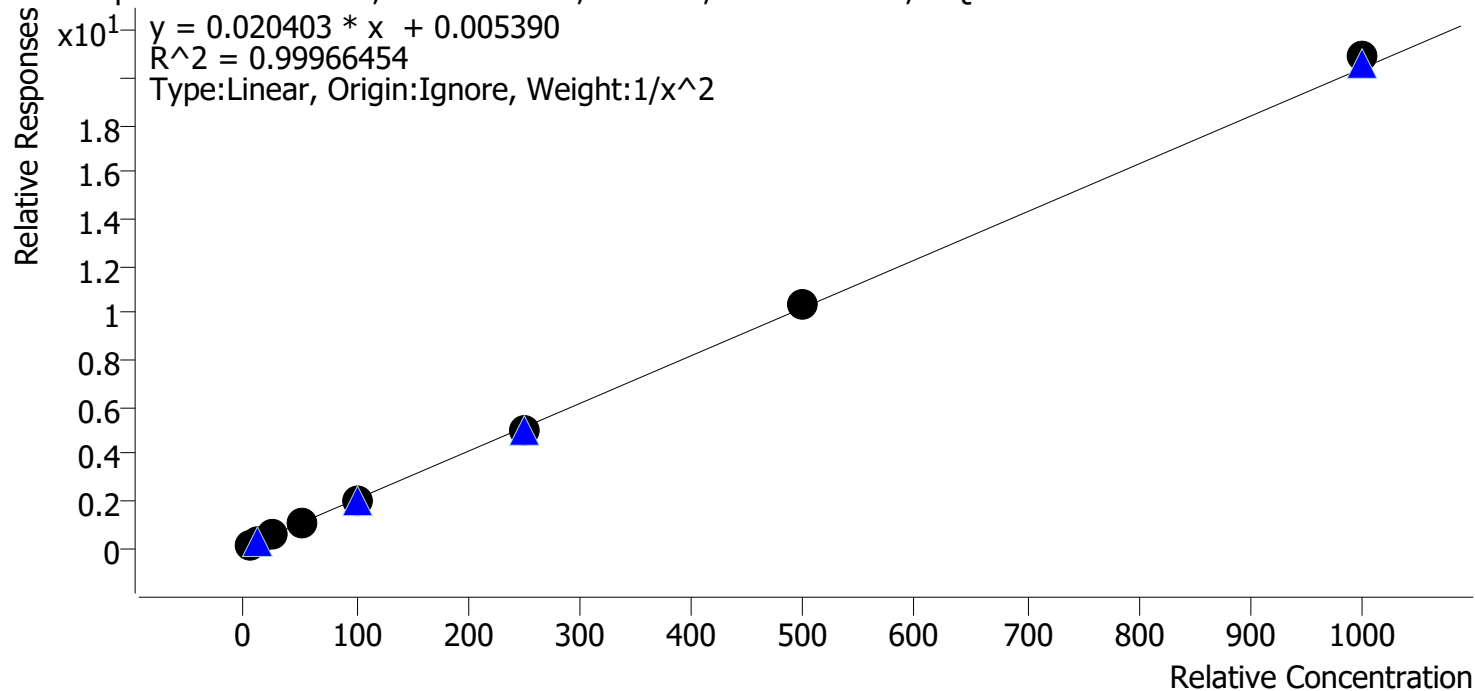
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng_r	2	✓	10.0	9.8	98.4
p1 Cal 3-25ng_r	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng_r	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng_r	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng_r	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng_r	7	✓	500.0	501.0	100.2
p1 Cal 8-1000ng_r	8	✓	1000.0	1041.7	104.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



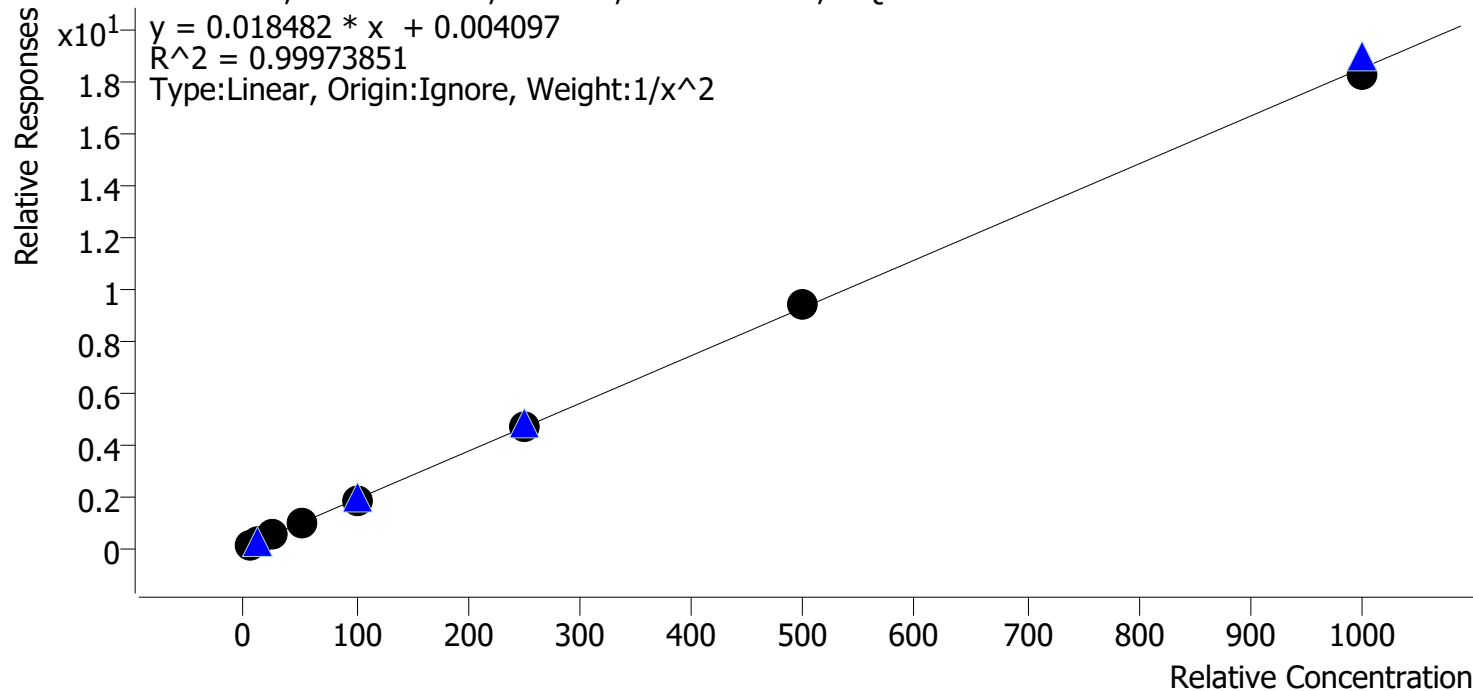
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng_r	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng_r	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng_r	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng_r	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng_r	7	✓	500.0	509.6	101.9
p1 Cal 8-1000ng_r	8	✓	1000.0	1024.4	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

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

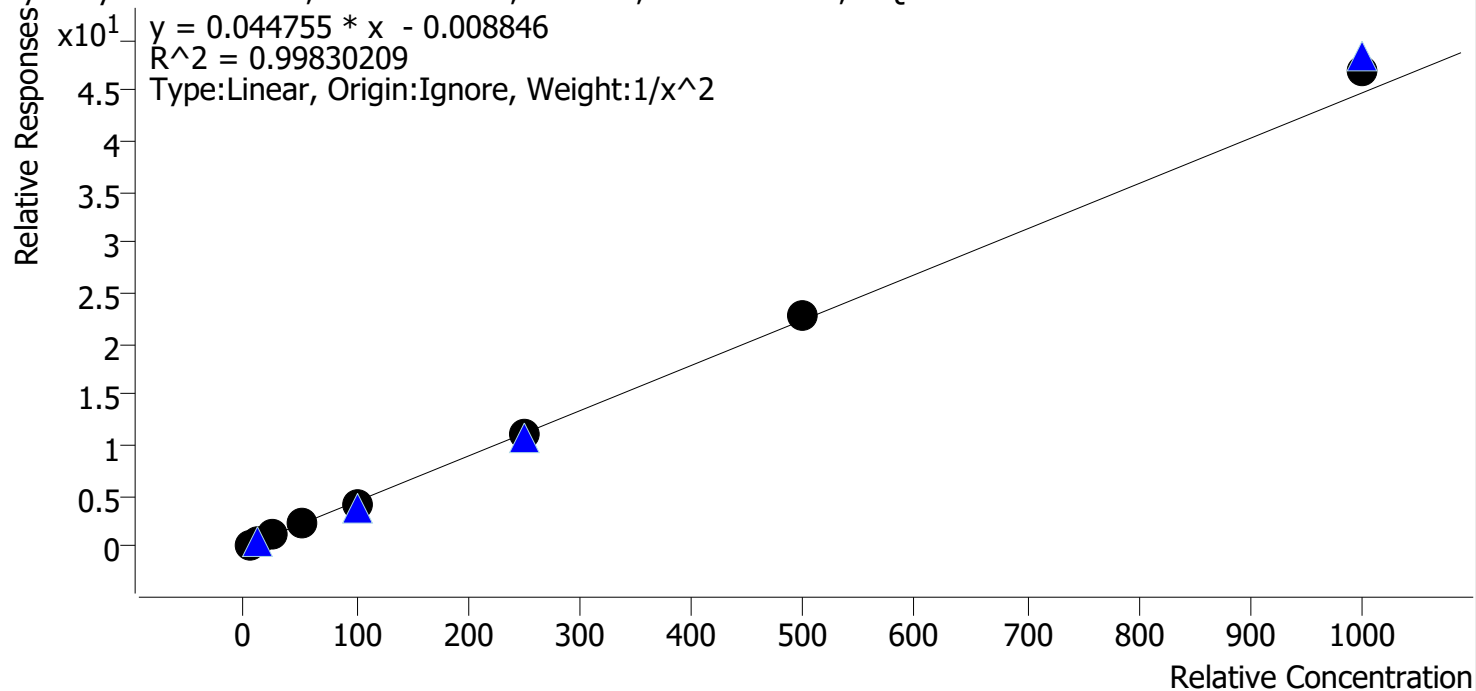


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng_r	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng_r	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng_r	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng_r	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng_r	7	✓	500.0	503.5	100.7
p1 Cal 8-1000ng_r	8	✓	1000.0	984.4	98.4

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

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



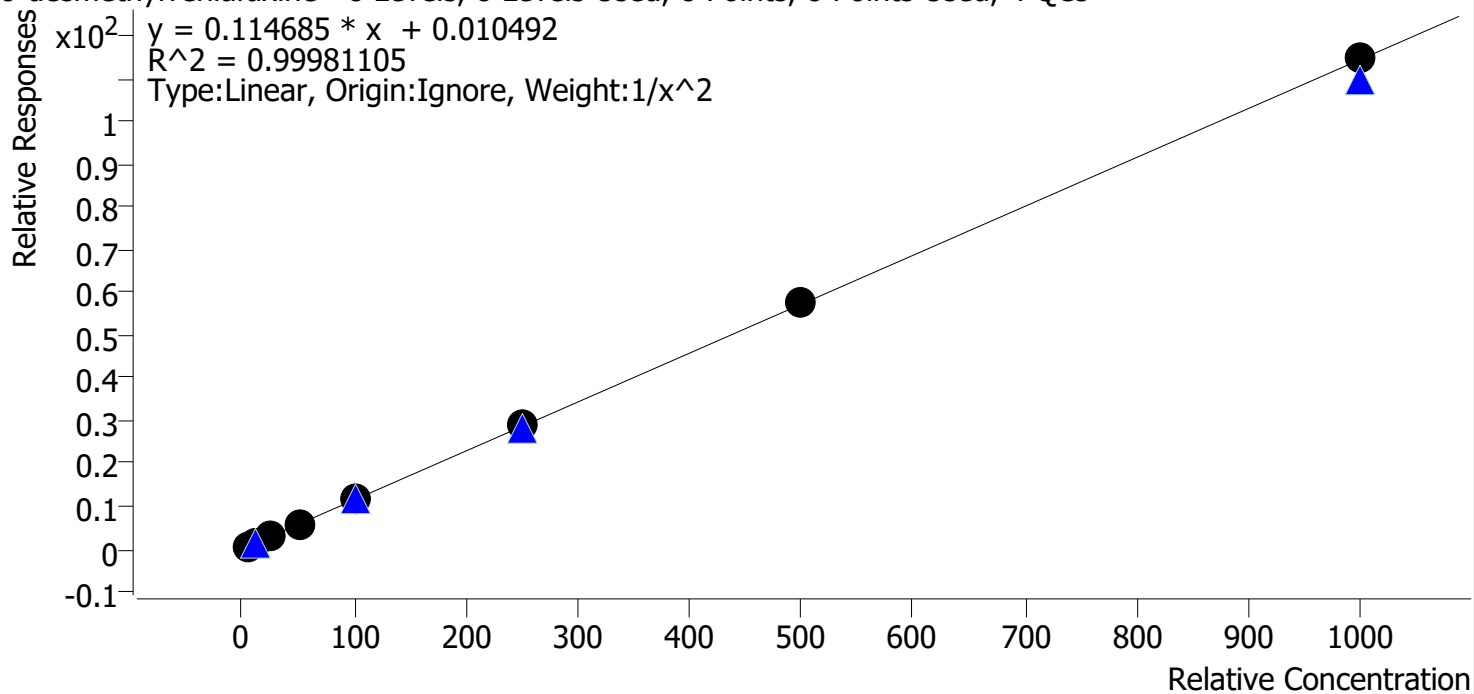
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng r	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng_r	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng_r	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng_r	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng_r	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng_r	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng_r	8	✓	1000.0	1050.0	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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



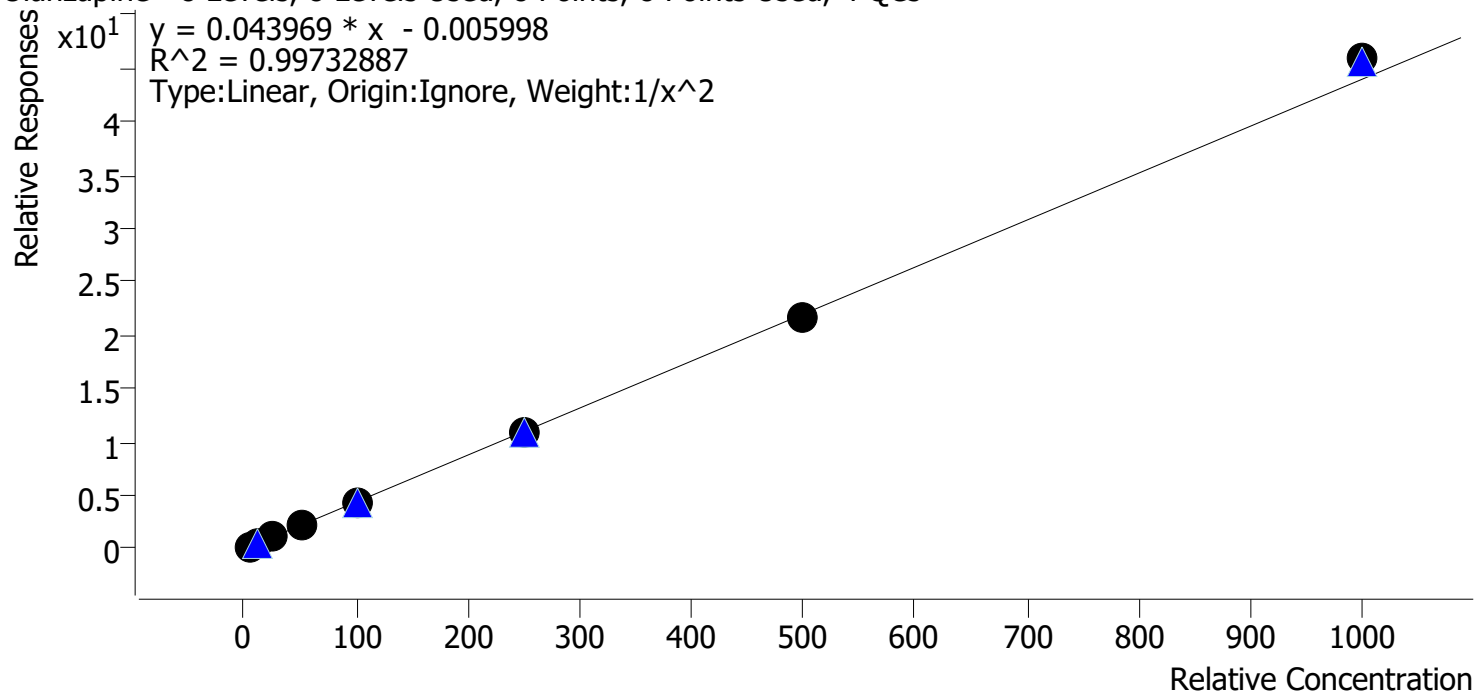
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng_r	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng_r	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng_r	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng_r	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng_r	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng_r	7	✓	500.0	505.4	101.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1002.8	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

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



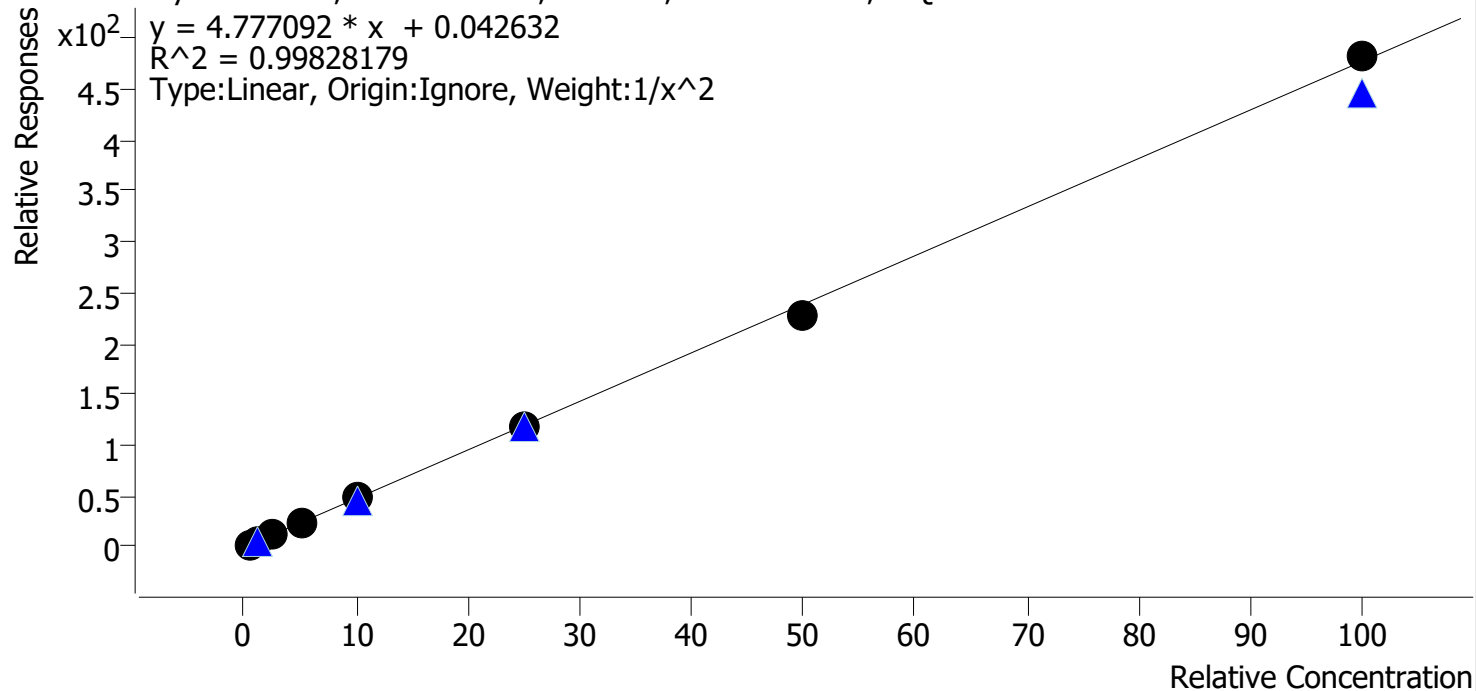
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng r	2	✓	10.0	10.9	109.0
p1 Cal 3 -25ng_r	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng_r	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng_r	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng_r	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng_r	7	✓	500.0	496.5	99.3
p1 Cal 8-1000ng_r	8	✓	1000.0	1043.9	104.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

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

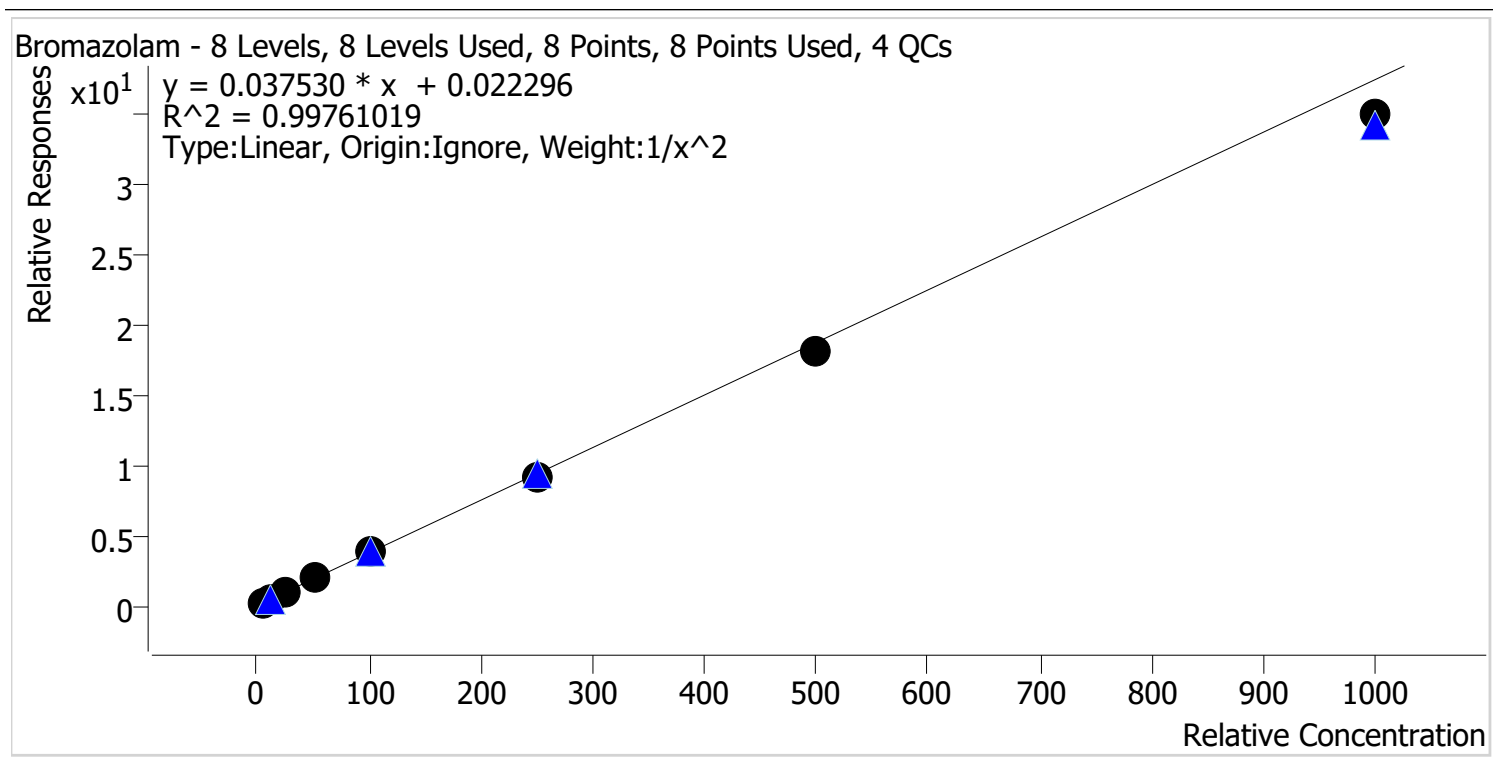


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	97.4
p1 Cal 2-10ng r	2	✓	1.0	1.0	104.0
p1 Cal 3 -25ng_r	3	✓	2.5	2.6	105.2
p1 Cal 4-50ng r	4	✓	5.0	4.8	95.2
p1 Cal 5-100ng r	5	✓	10.0	10.1	100.9
p1 Cal 6-250ng_r	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng r	7	✓	50.0	48.0	96.0
p1 Cal 8-1000ng_r	8	✓	100.0	101.0	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5



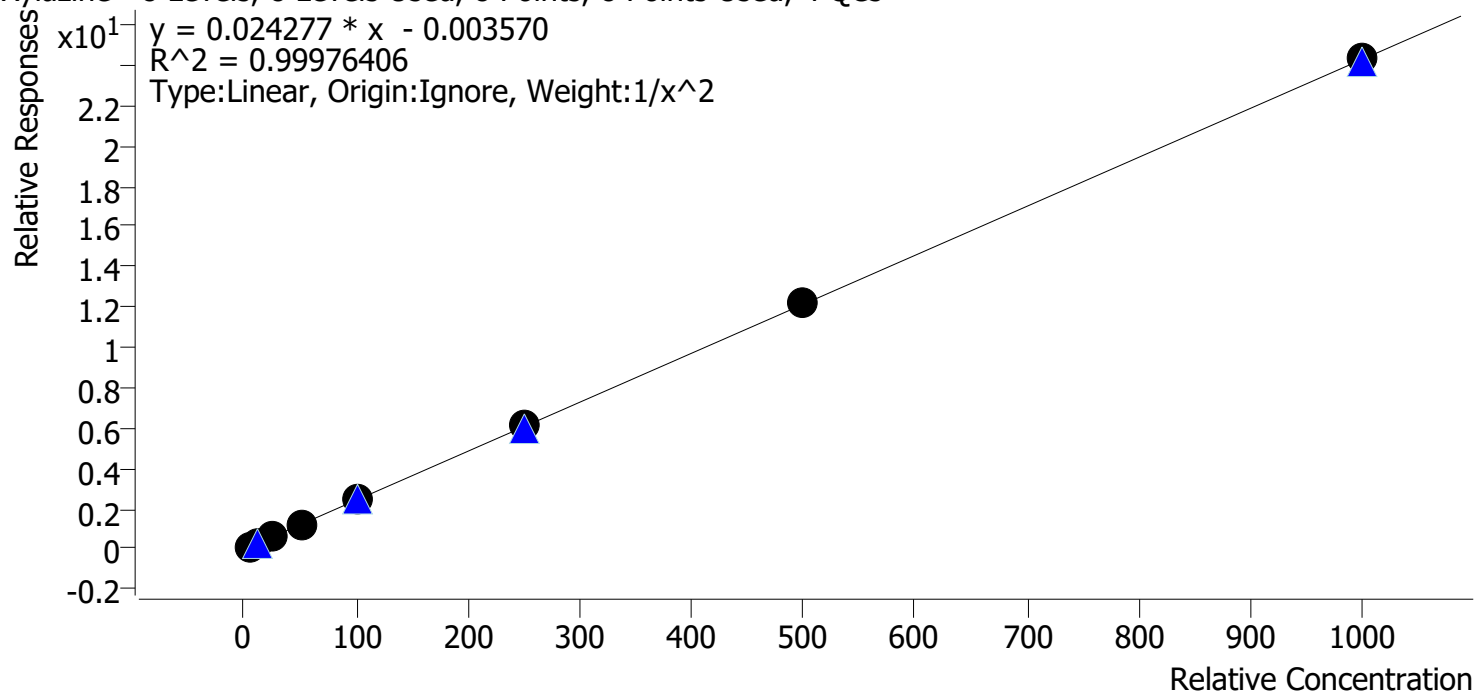
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng_r	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng_r	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng_r	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng_r	6	✓	250.0	243.6	97.5
p1 Cal 7-500ng_r	7	✓	500.0	483.9	96.8
p1 Cal 8-1000ng_r	8	✓	1000.0	933.5	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylazine-D6

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



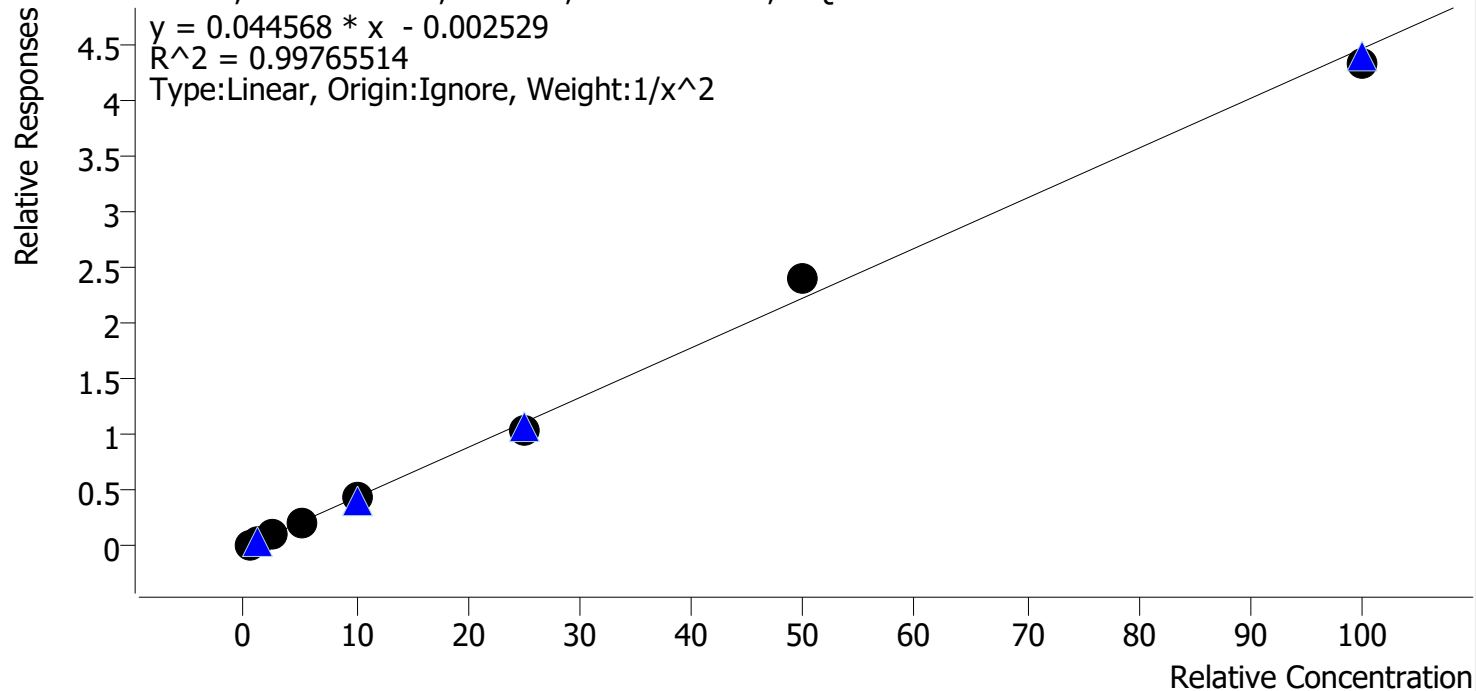
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng r	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng_r	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng_r	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng_r	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng_r	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng_r	7	✓	500.0	505.4	101.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1001.6	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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



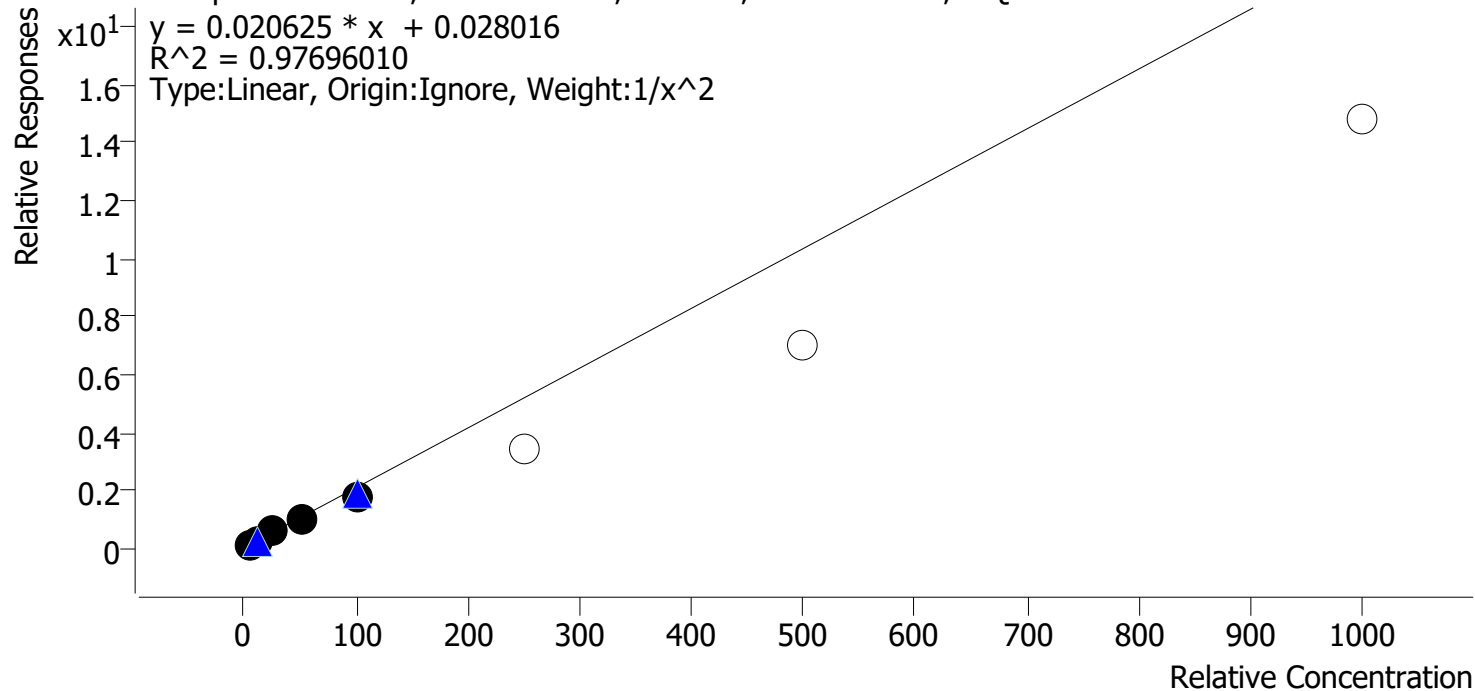
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	99.2
p1 Cal 2-10ng r	2	✓	1.0	1.0	100.3
p1 Cal 3 -25ng_r	3	✓	2.5	2.6	104.6
p1 Cal 4-50ng_r	4	✓	5.0	5.0	99.5
p1 Cal 5-100ng_r	5	✓	10.0	9.7	97.0
p1 Cal 6-250ng_r	6	✓	25.0	23.8	95.0
p1 Cal 7-500ng_r	7	✓	50.0	53.8	107.6
p1 Cal 8-1000ng_r	8	✓	100.0	96.8	96.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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



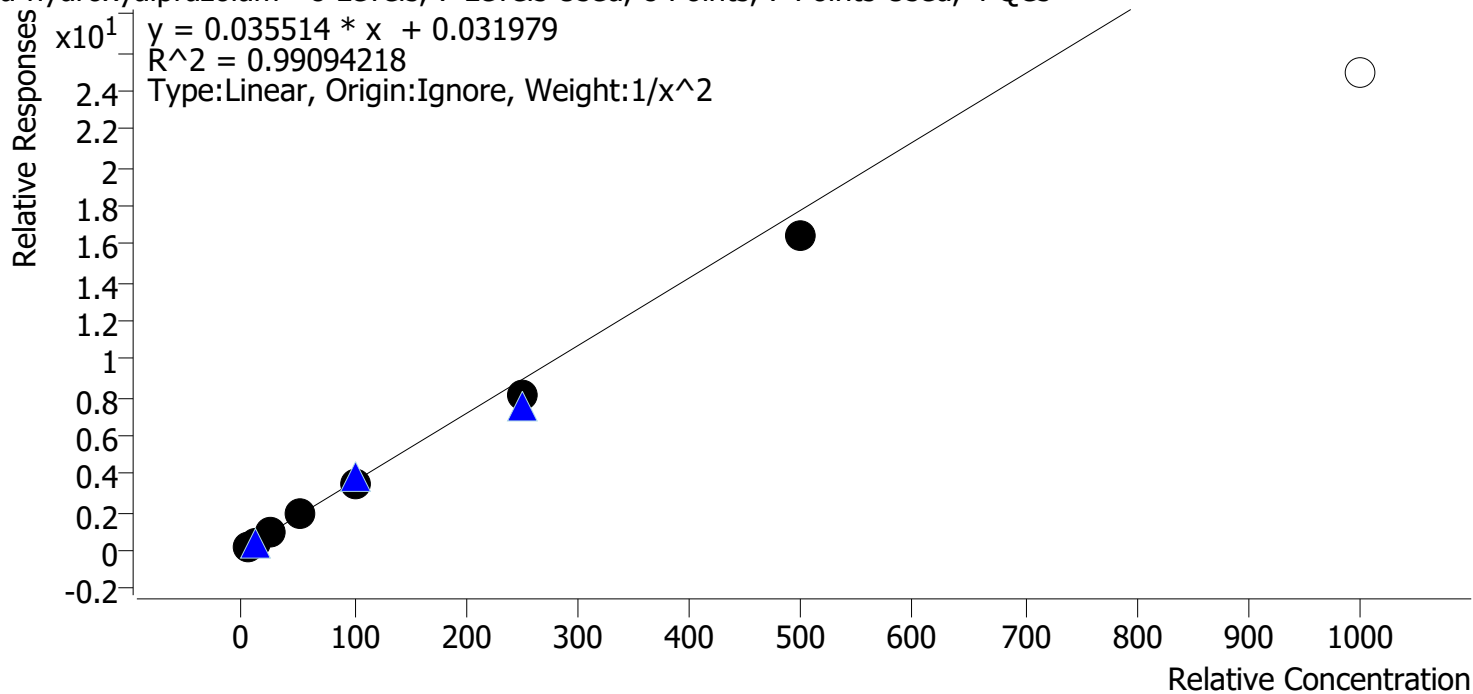
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	93.3
p1 Cal 2-10ng r	2	✓	10.0	11.0	109.7
p1 Cal 3 -25ng_r	3	✓	25.0	28.5	114.0
p1 Cal 4-50ng_r	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng_r	5	✓	100.0	85.1	85.1
p1 Cal 6-250ng_r	6	✗	250.0	163.4	65.4
p1 Cal 7-500ng_r	7	✗	500.0	338.5	67.7
p1 Cal 8-1000ng_r	8	✗	1000.0	714.0	71.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

a-hydroxyalprazolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

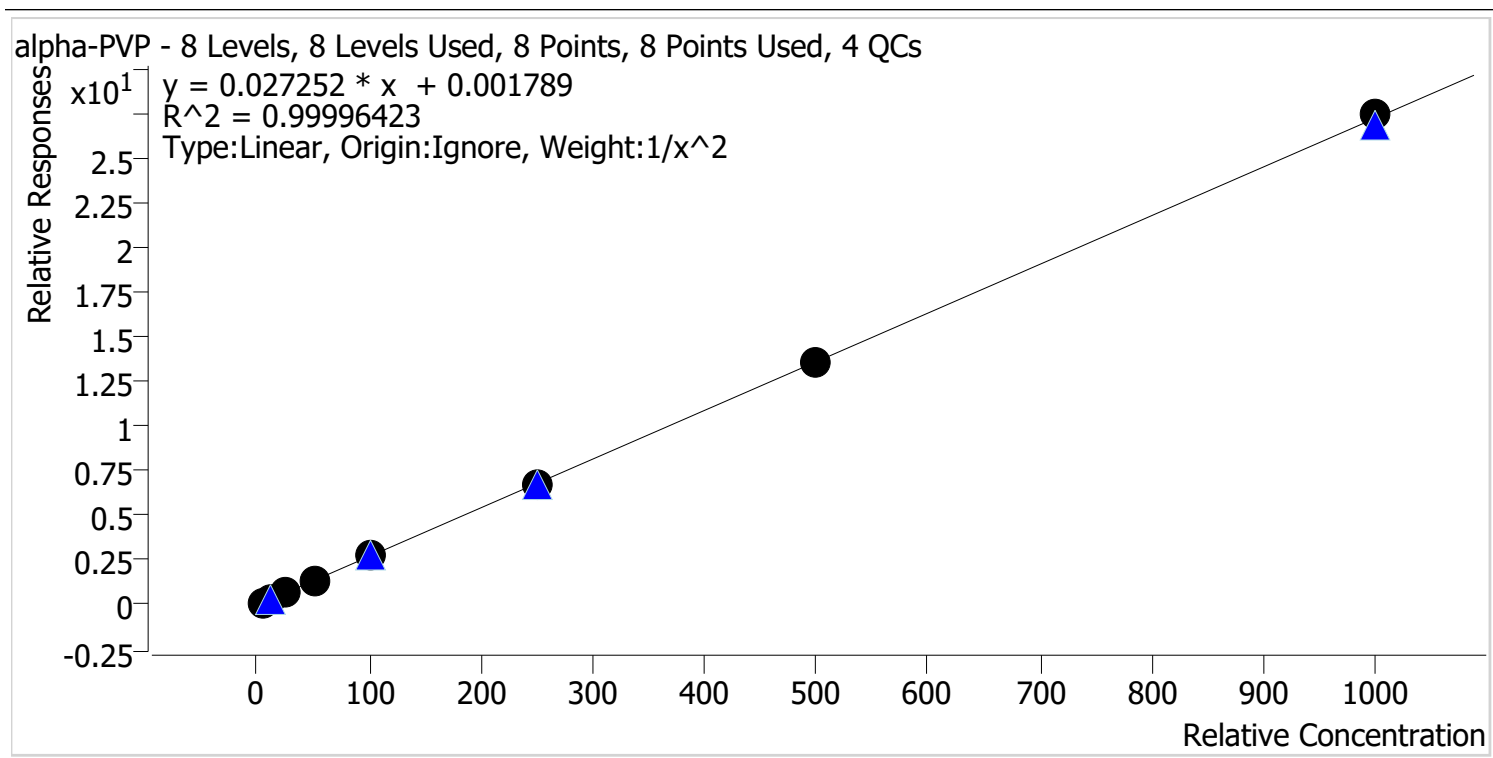


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng_r	2	✓	10.0	10.8	107.5
p1 Cal 3-25ng_r	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng_r	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng_r	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng_r	6	✓	250.0	228.3	91.3
p1 Cal 7-500ng_r	7	✓	500.0	460.3	92.1
p1 Cal 8-1000ng_r	8	✗	1000.0	701.0	70.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

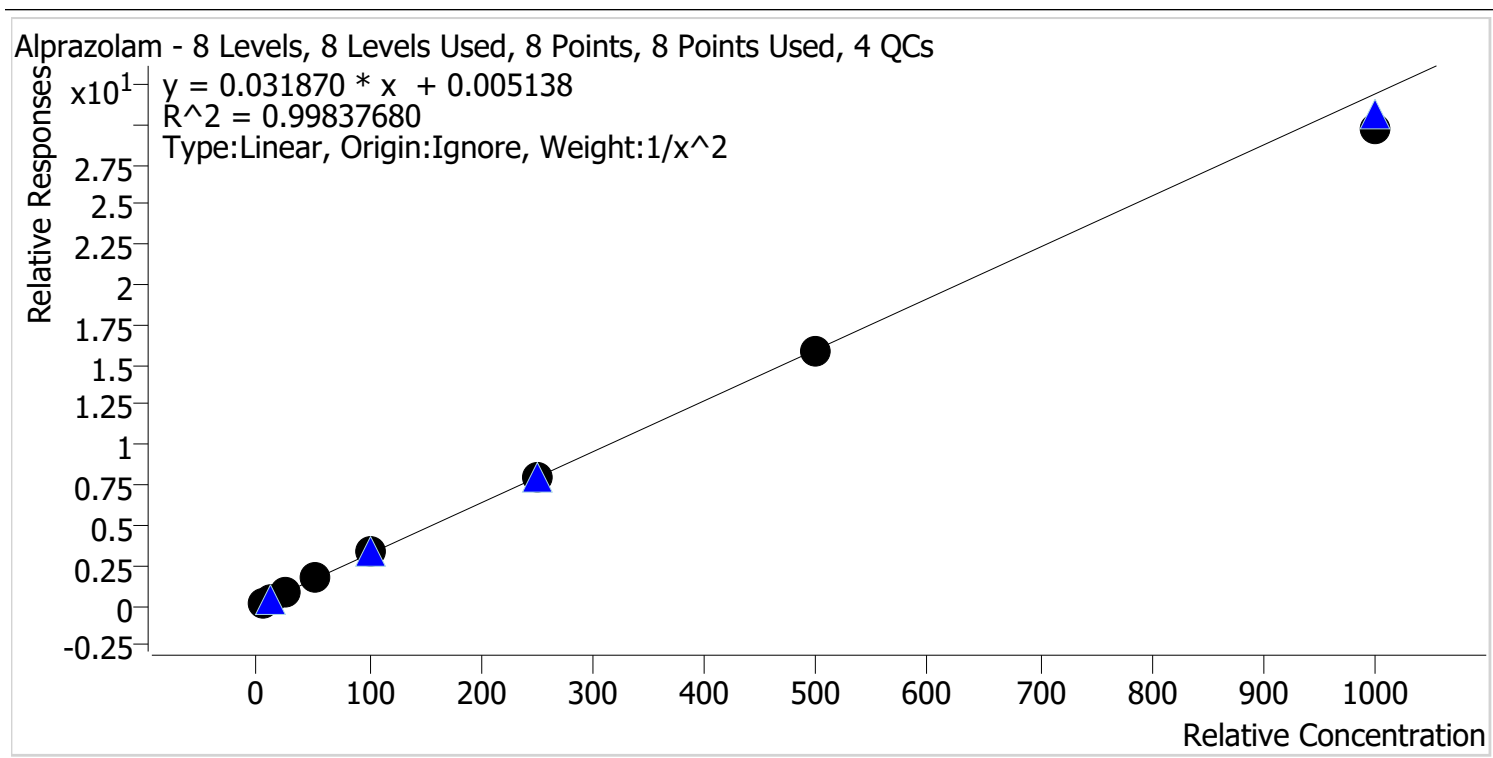


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng_r	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng_r	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng_r	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng_r	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1007.6	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



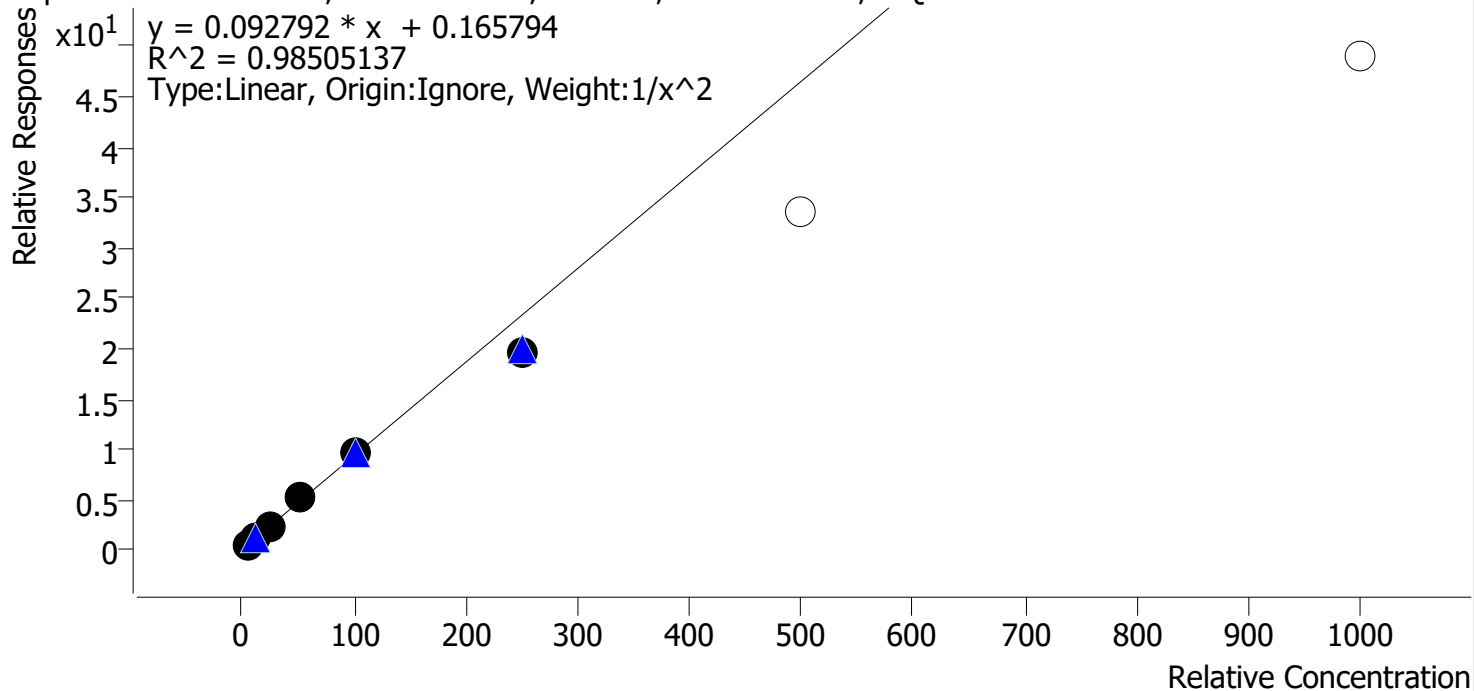
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng_r	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng_r	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng_r	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng_r	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng_r	7	✓	500.0	493.1	98.6
p1 Cal 8-1000ng_r	8	✓	1000.0	933.3	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



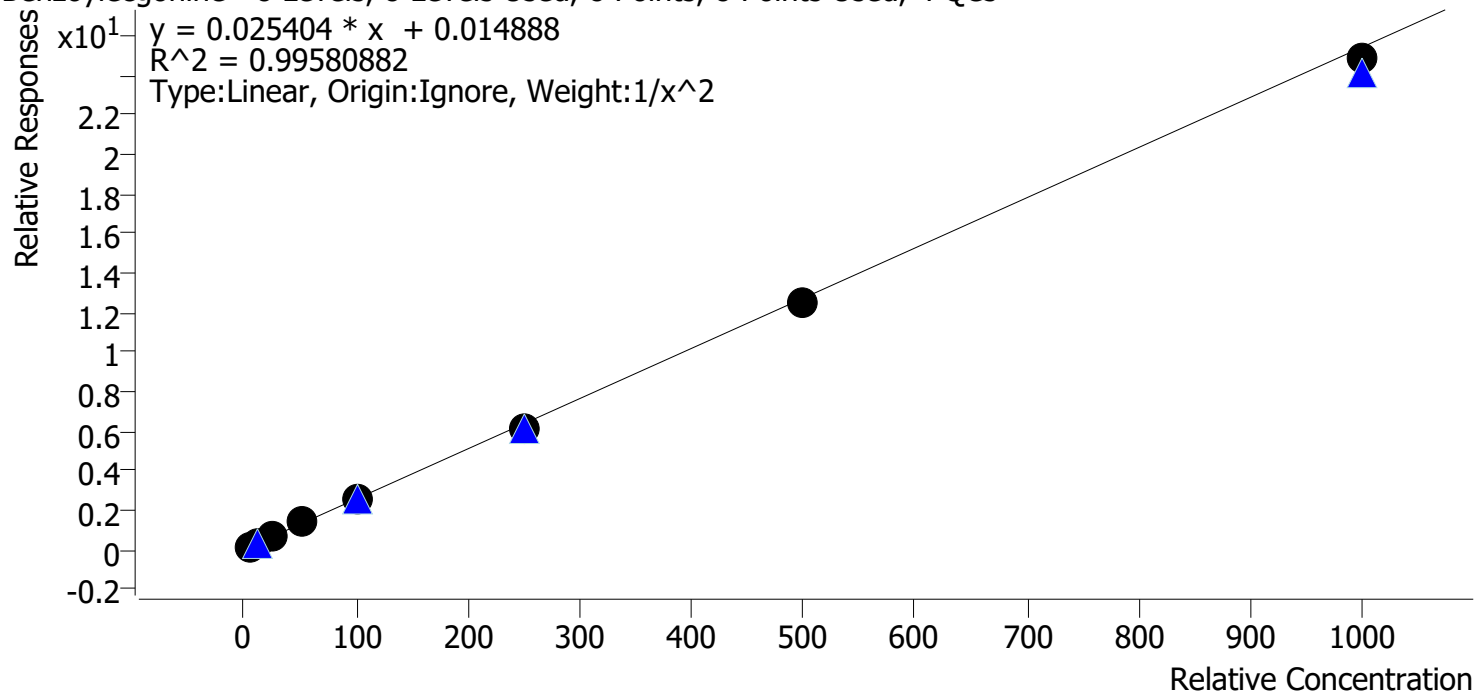
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng r	2	✓	10.0	10.8	107.7
p1 Cal 3 -25ng_r	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng_r	4	✓	50.0	55.8	111.7
p1 Cal 5-100ng_r	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng_r	6	✓	250.0	209.4	83.8
p1 Cal 7-500ng_r	7	✗	500.0	362.0	72.4
p1 Cal 8-1000ng_r	8	✗	1000.0	526.3	52.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



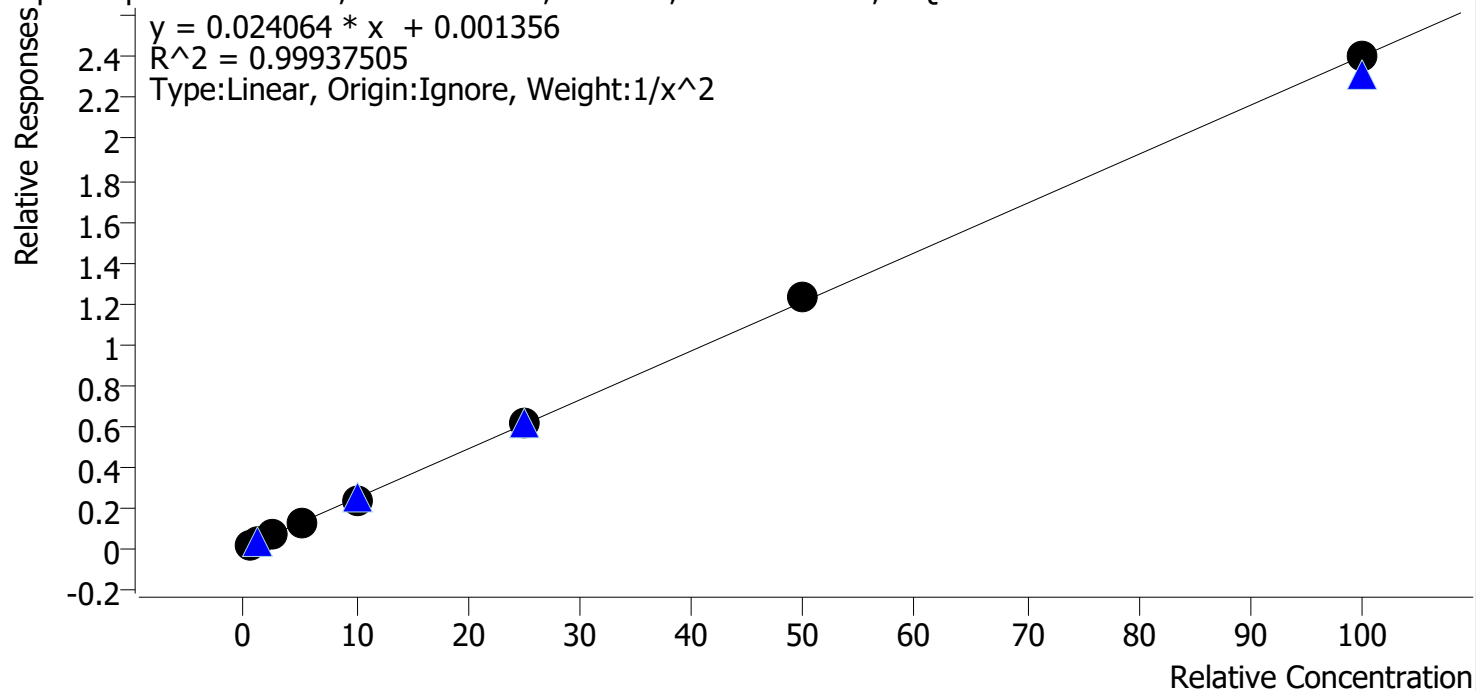
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng_r	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng_r	4	✓	50.0	56.5	113.0
p1 Cal 5-100ng_r	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng_r	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng_r	7	✓	500.0	490.0	98.0
p1 Cal 8-1000ng_r	8	✓	1000.0	977.2	97.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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

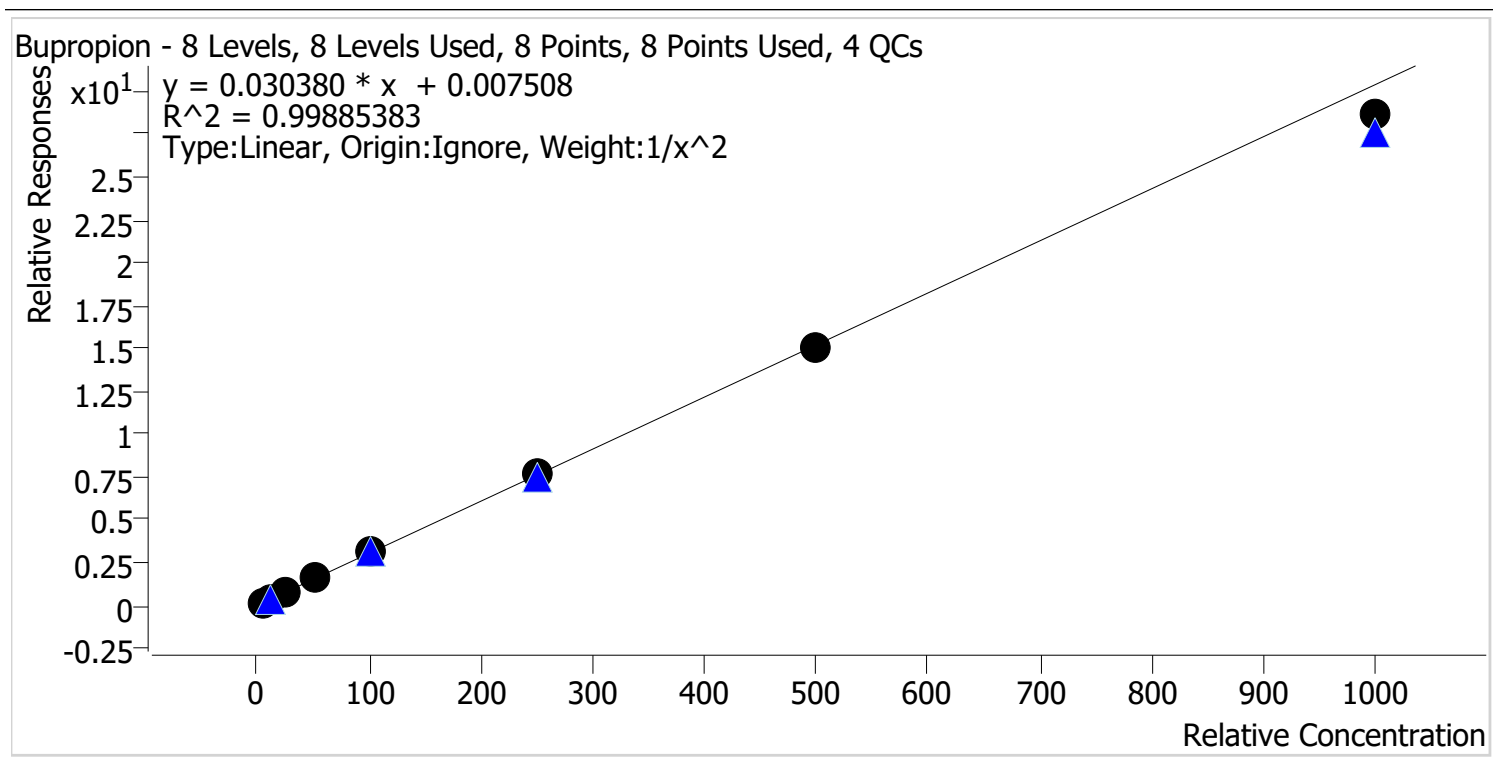


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	101.6
p1 Cal 2-10ng r	2	✓	1.0	1.0	97.4
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	97.8
p1 Cal 4-50ng_r	4	✓	5.0	5.1	102.4
p1 Cal 5-100ng_r	5	✓	10.0	9.7	97.5
p1 Cal 6-250ng_r	6	✓	25.0	25.5	102.0
p1 Cal 7-500ng_r	7	✓	50.0	50.8	101.5
p1 Cal 8-1000ng_r	8	✓	100.0	99.9	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



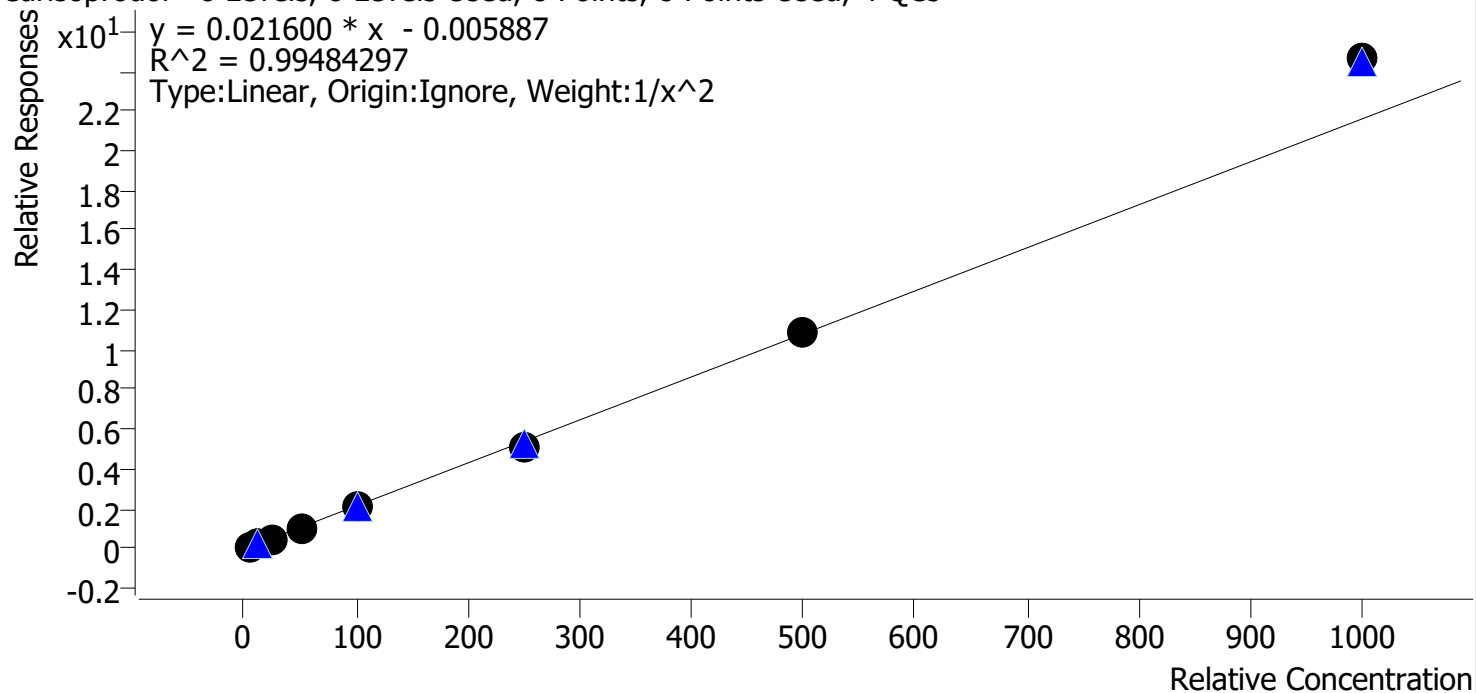
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng_r	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng_r	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng_r	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng_r	7	✓	500.0	492.2	98.4
p1 Cal 8-1000ng_r	8	✓	1000.0	942.5	94.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



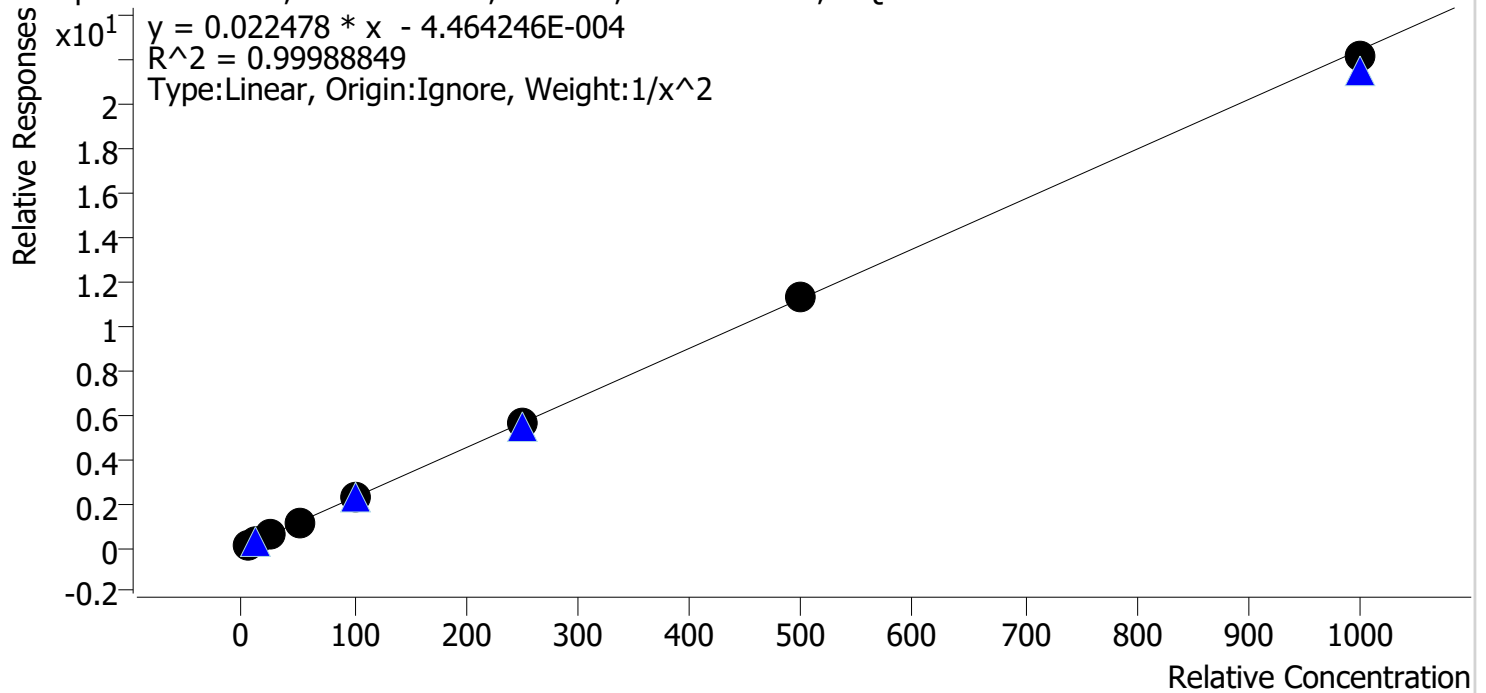
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng r	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng_r	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng r	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng r	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng_r	6	✓	250.0	240.5	96.2
p1 Cal 7-500ng r	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng_r	8	✓	1000.0	1140.2	114.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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

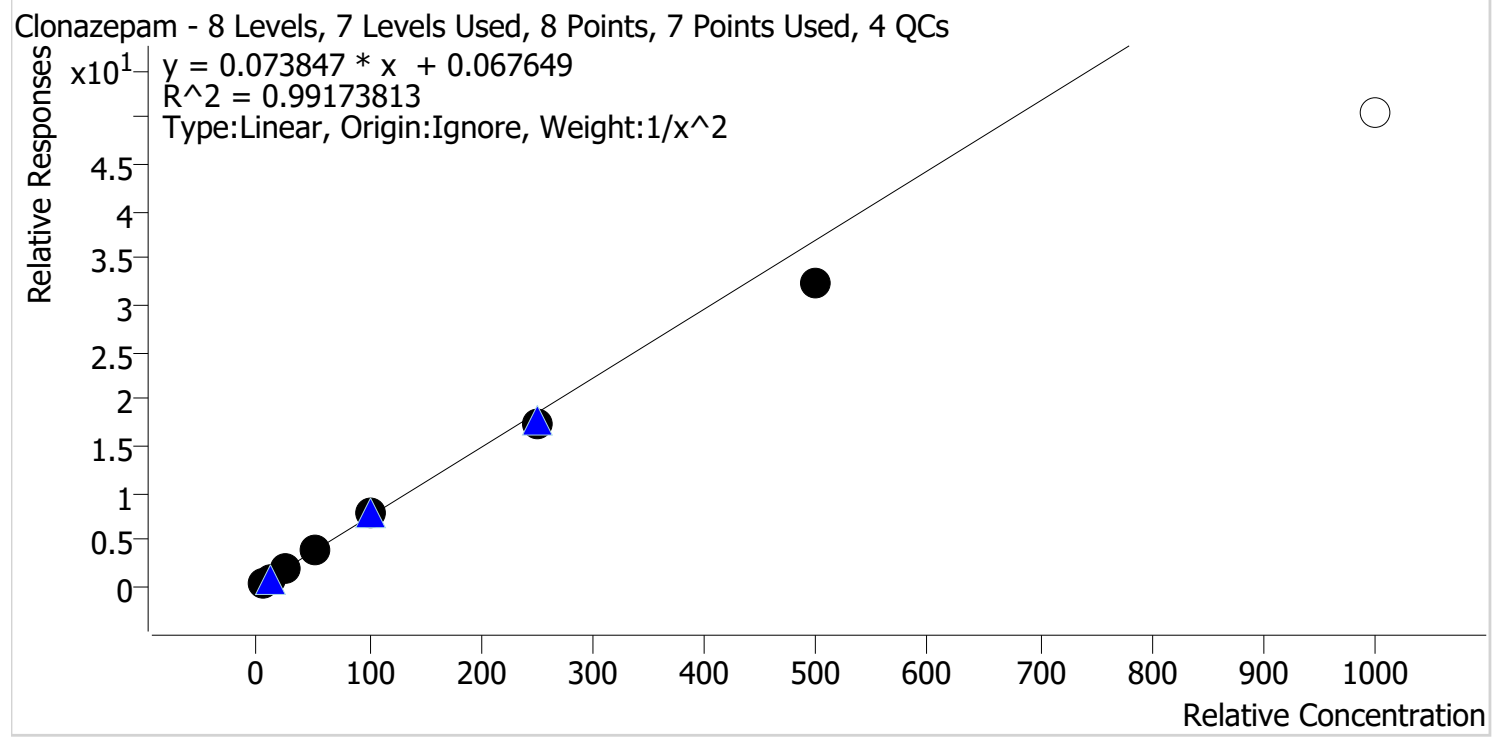


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng_r	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng_r	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng_r	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng_r	8	✓	1000.0	986.5	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

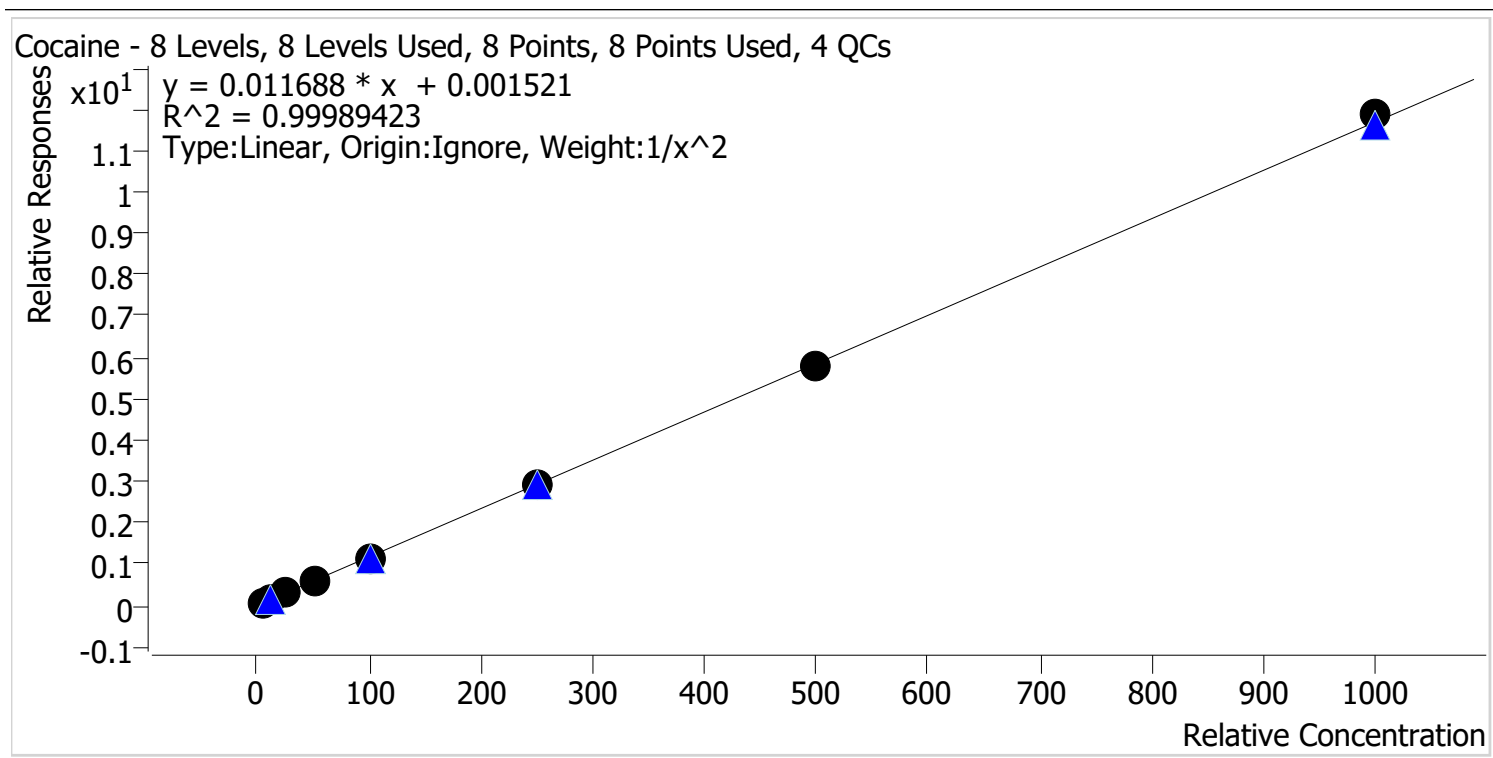


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng_r	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng_r	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng_r	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng_r	6	✓	250.0	235.6	94.3
p1 Cal 7-500ng_r	7	✓	500.0	436.3	87.3
p1 Cal 8-1000ng_r	8	✗	1000.0	681.8	68.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



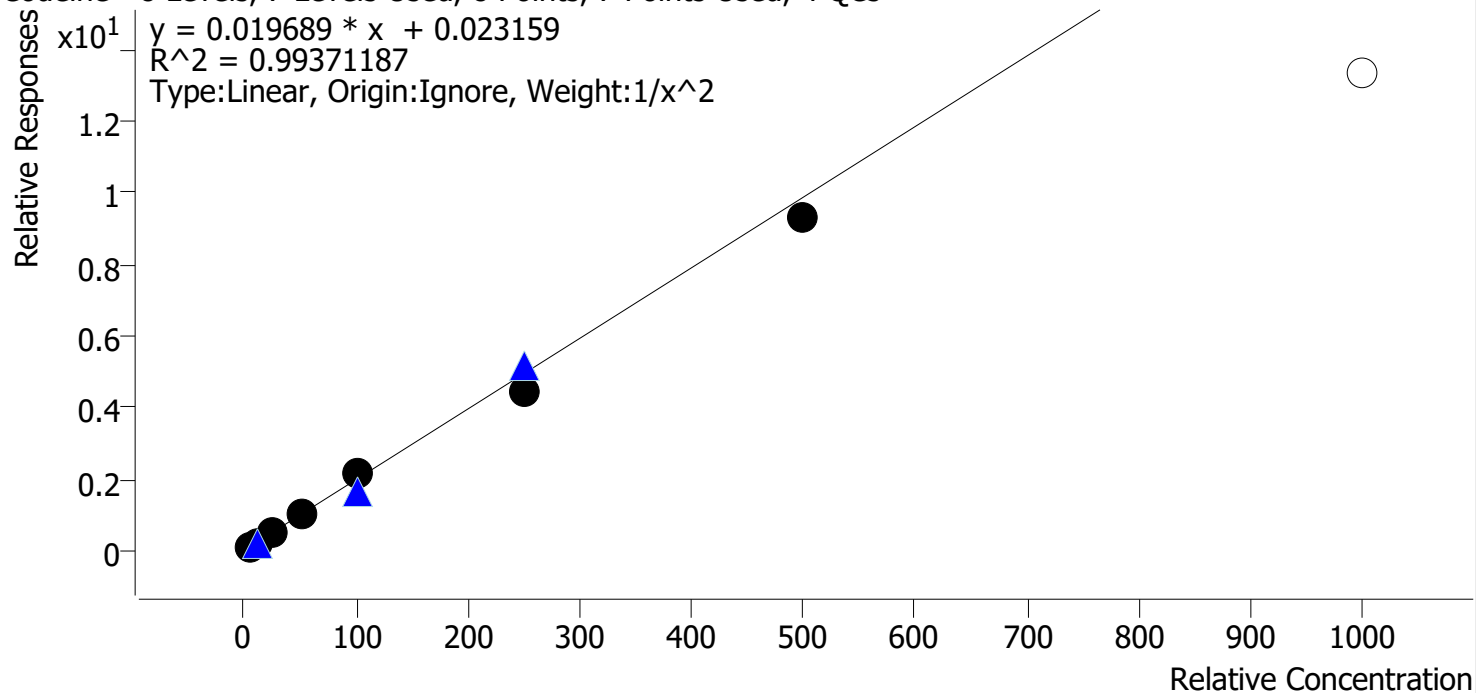
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng r	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng_r	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng_r	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng_r	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng_r	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng_r	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng_r	8	✓	1000.0	1015.5	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



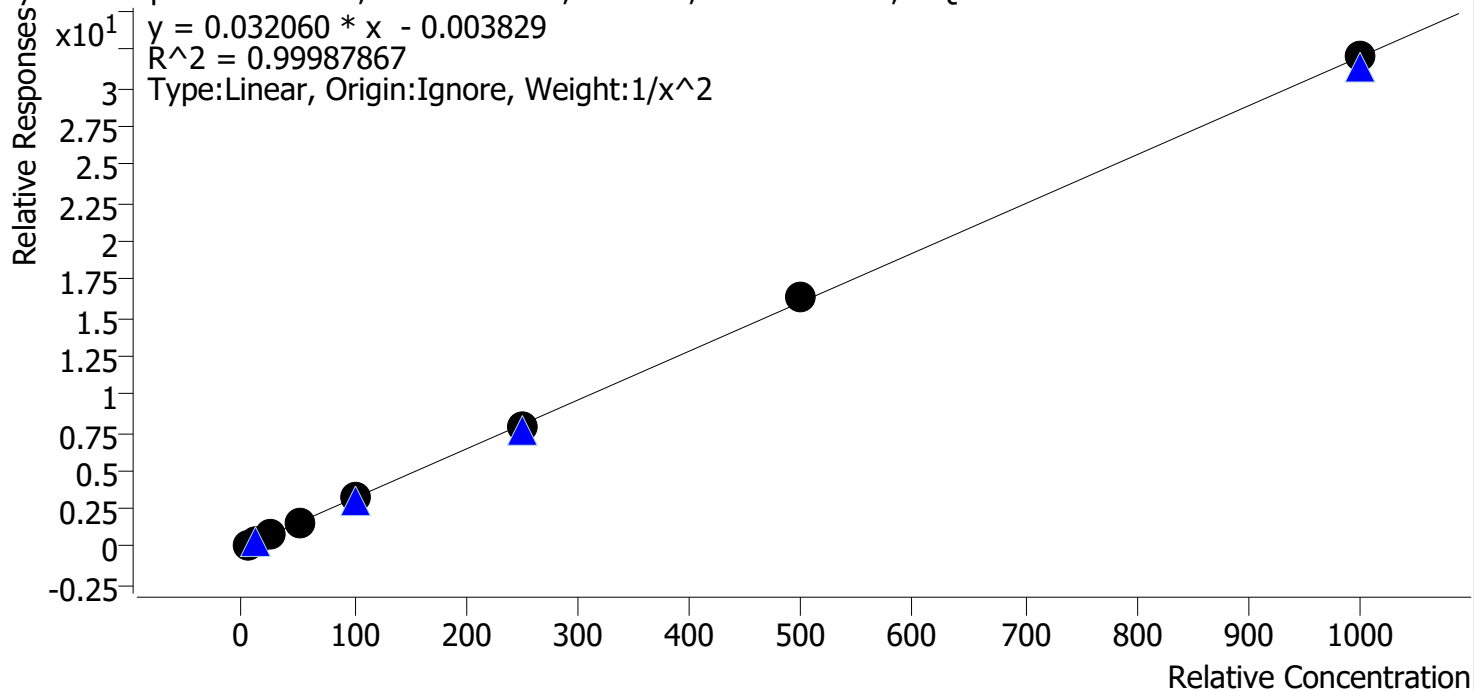
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng r	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng_r	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng_r	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng_r	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng_r	6	✓	250.0	224.8	89.9
p1 Cal 7-500ng_r	7	✓	500.0	473.9	94.8
p1 Cal 8-1000ng_r	8	✗	1000.0	677.6	67.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

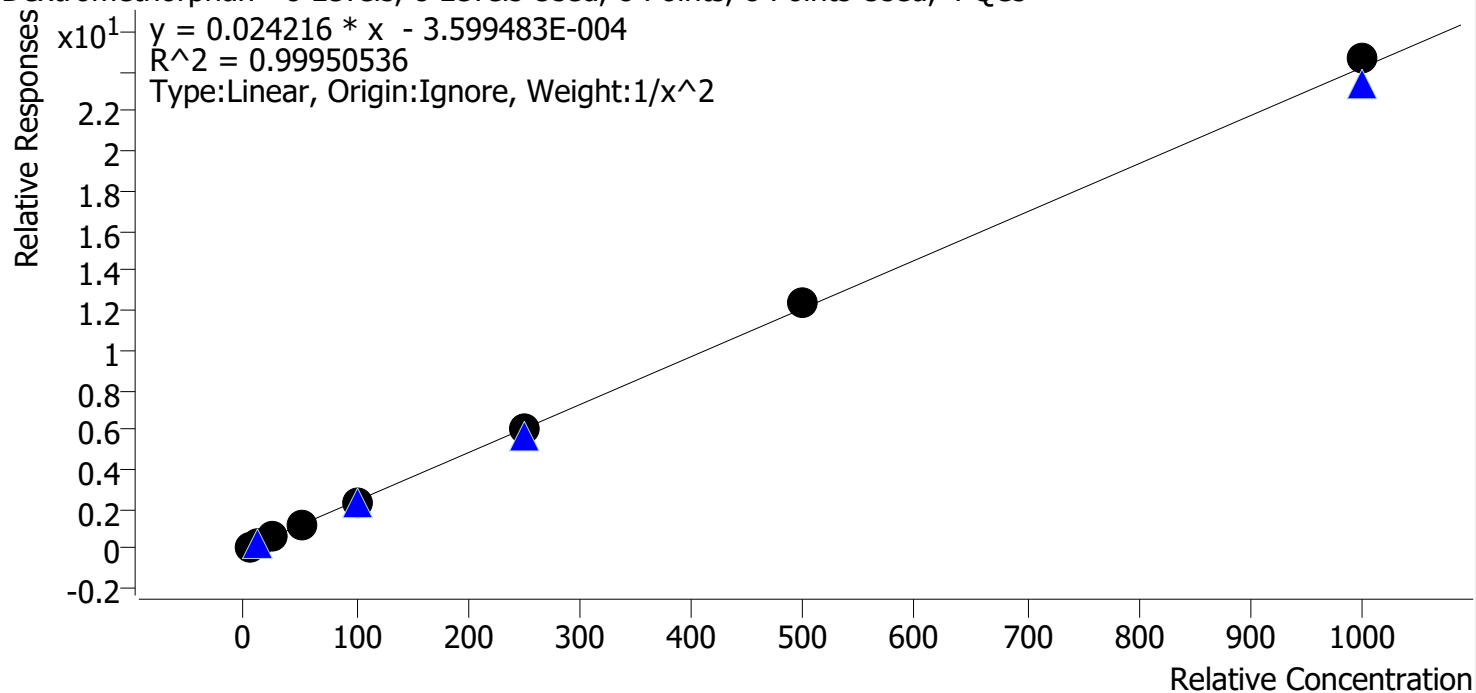


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng_r	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng_r	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng_r	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng_r	7	✓	500.0	509.7	101.9
p1 Cal 8-1000ng_r	8	✓	1000.0	1000.4	100.0

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



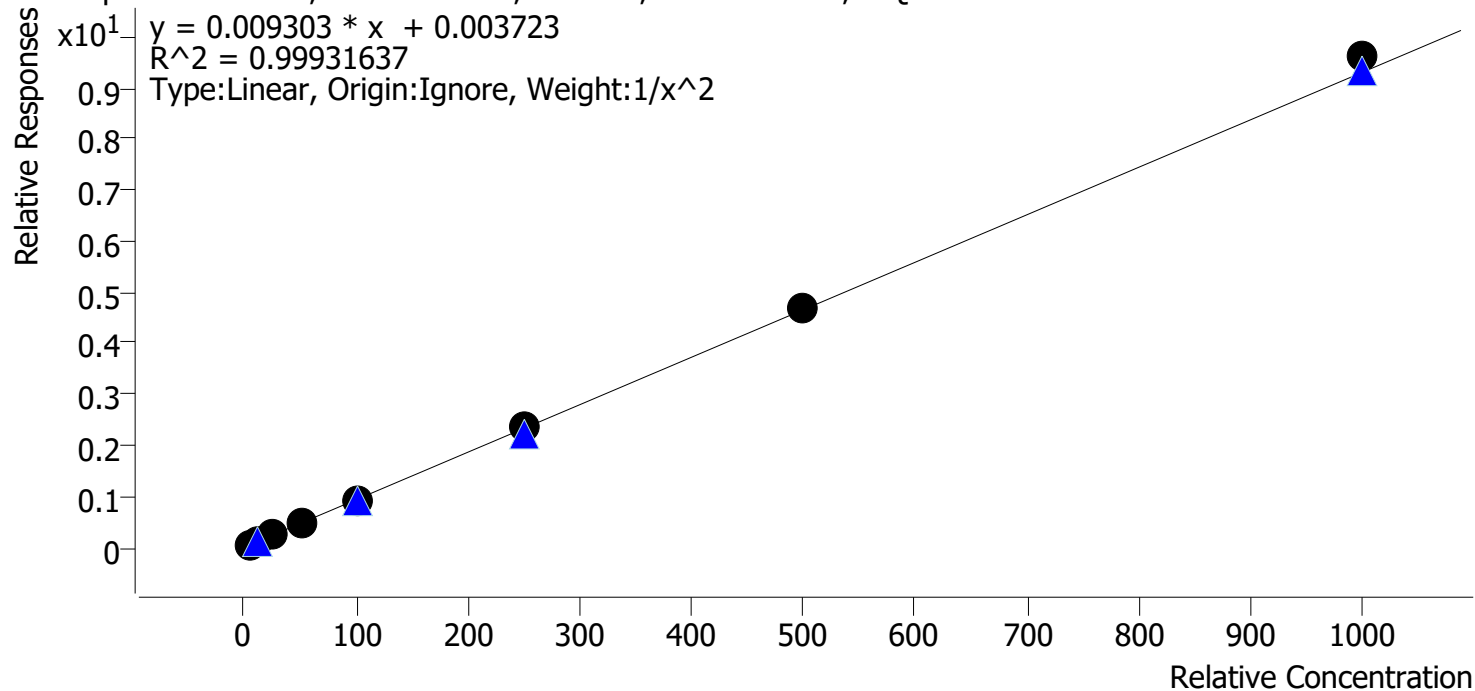
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng r	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng_r	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng_r	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng_r	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng_r	7	✓	500.0	512.4	102.5
p1 Cal 8-1000ng_r	8	✓	1000.0	1018.5	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

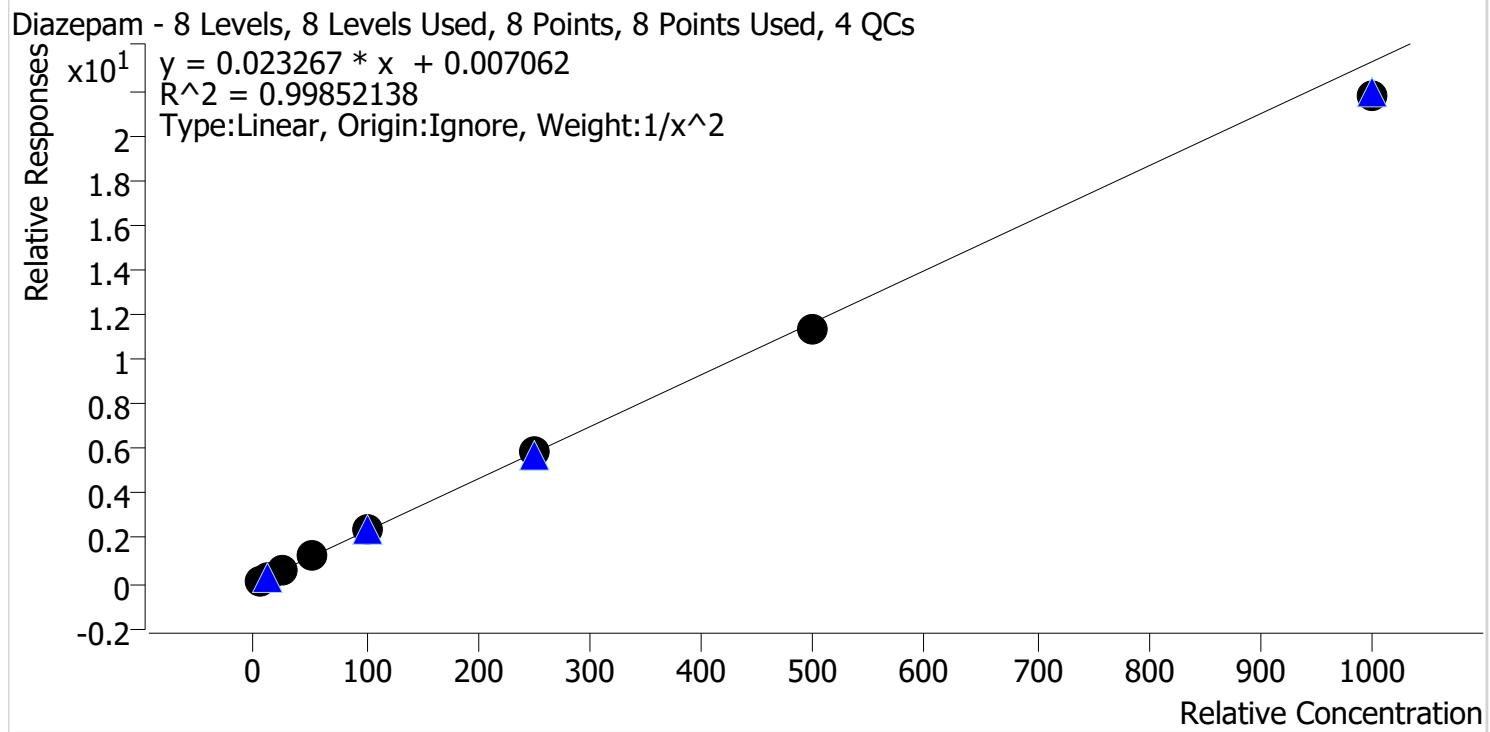


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng_r	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng_r	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng_r	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng_r	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng_r	8	✓	1000.0	1033.3	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



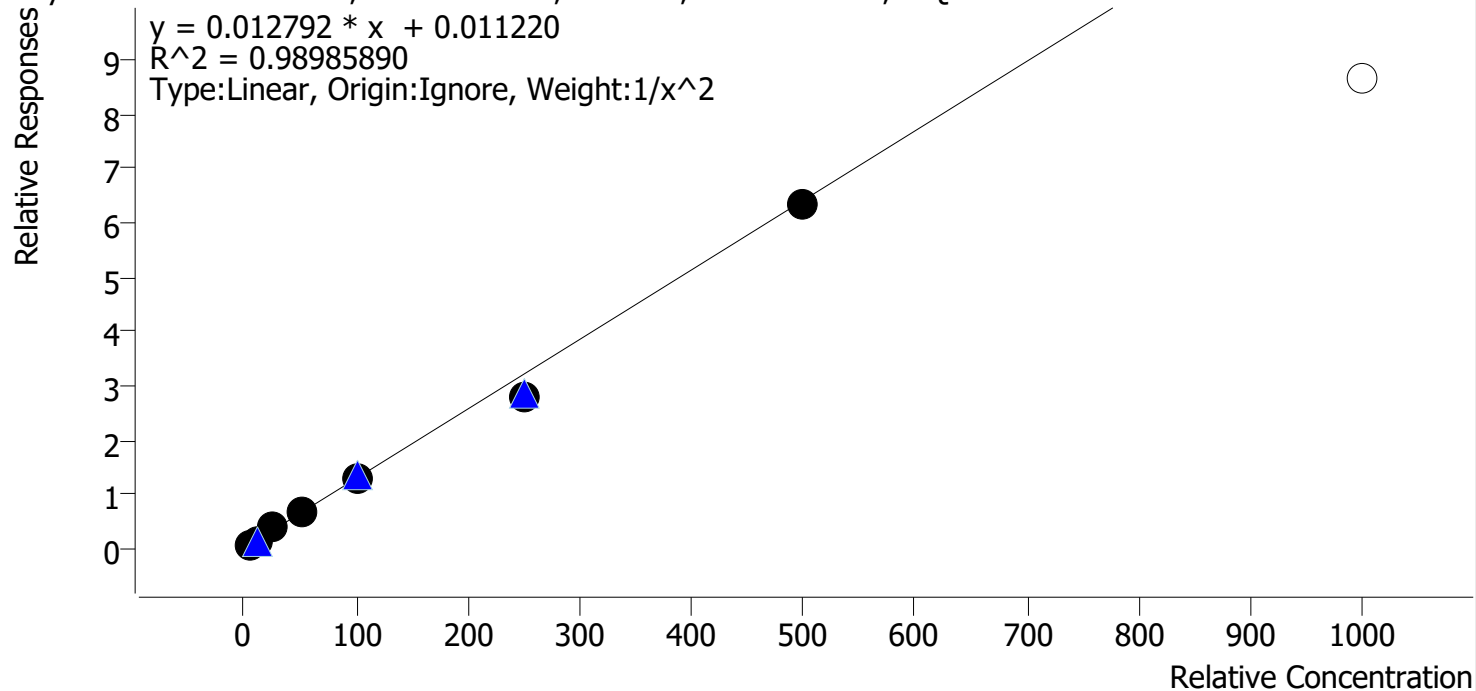
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng_r	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng_r	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng_r	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng_r	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng_r	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng_r	8	✓	1000.0	934.0	93.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



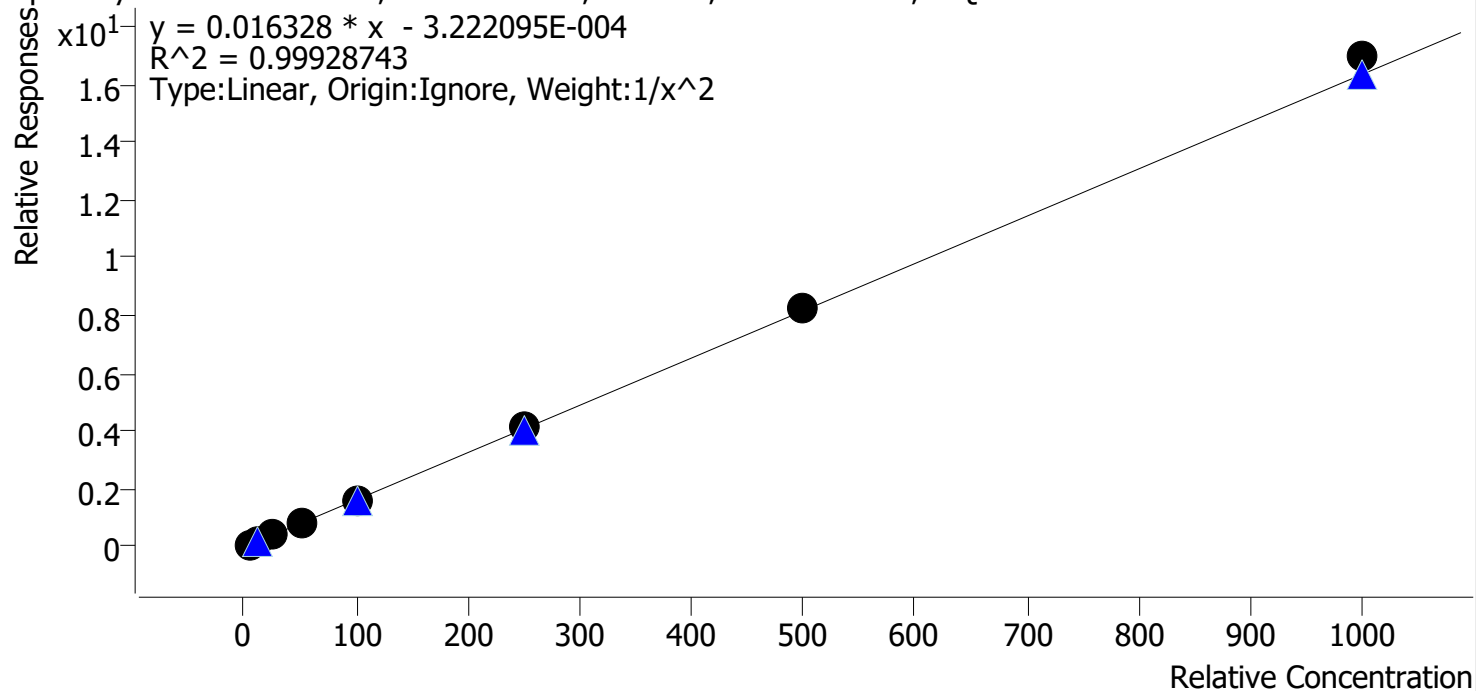
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng r	2	✓	10.0	10.8	108.3
p1 Cal 3 -25ng_r	3	✓	25.0	27.8	111.3
p1 Cal 4-50ng_r	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng_r	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng_r	6	✓	250.0	216.0	86.4
p1 Cal 7-500ng_r	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng_r	8	✗	1000.0	673.9	67.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



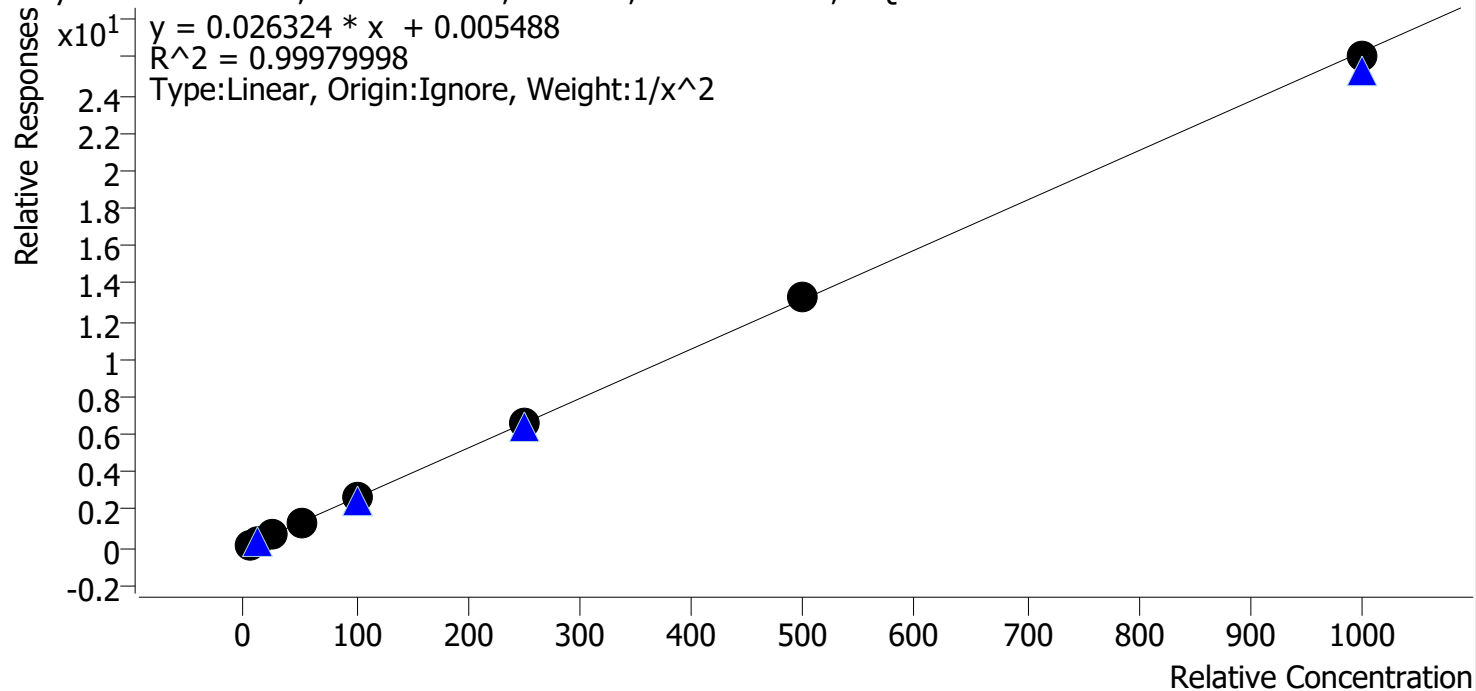
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng_r	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng r	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng r	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng_r	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng r	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng_r	8	✓	1000.0	1037.7	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

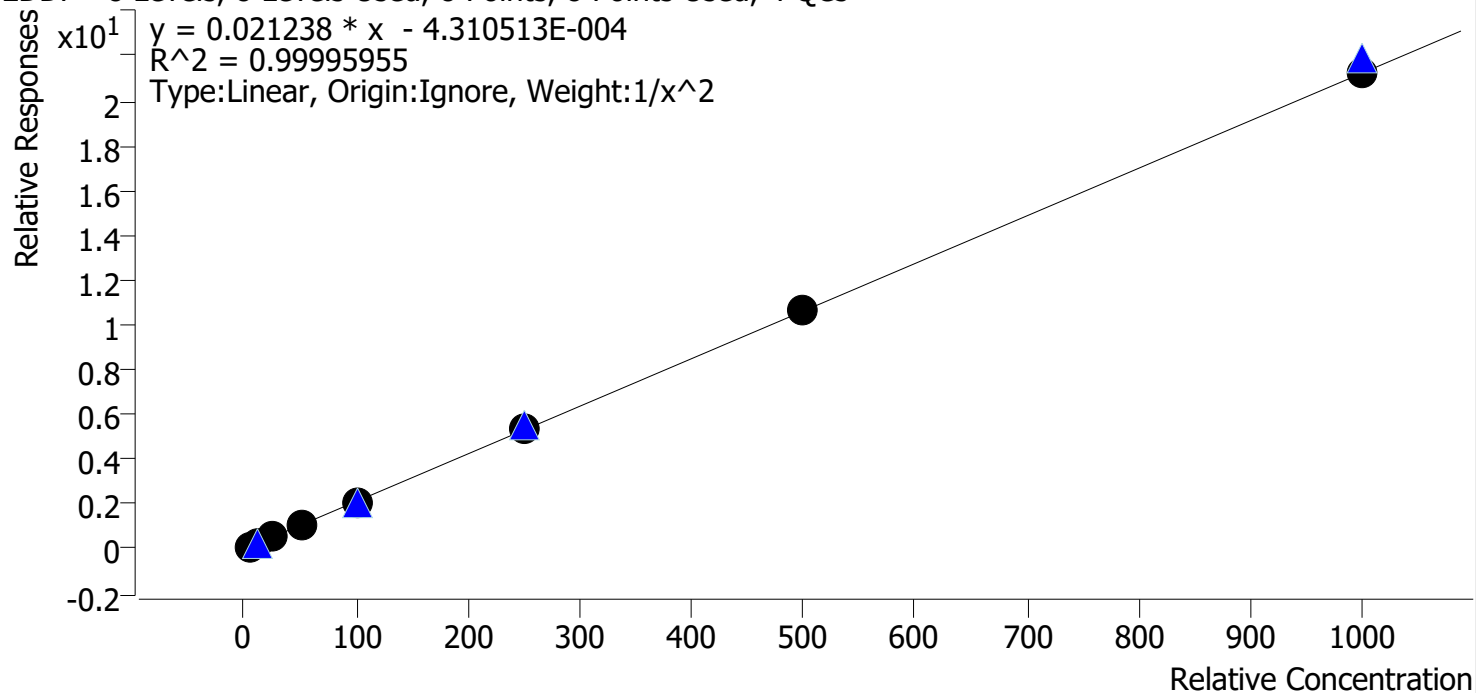


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng r	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng_r	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng_r	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng_r	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng_r	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng_r	7	✓	500.0	503.8	100.8
p1 Cal 8-1000ng_r	8	✓	1000.0	990.0	99.0

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



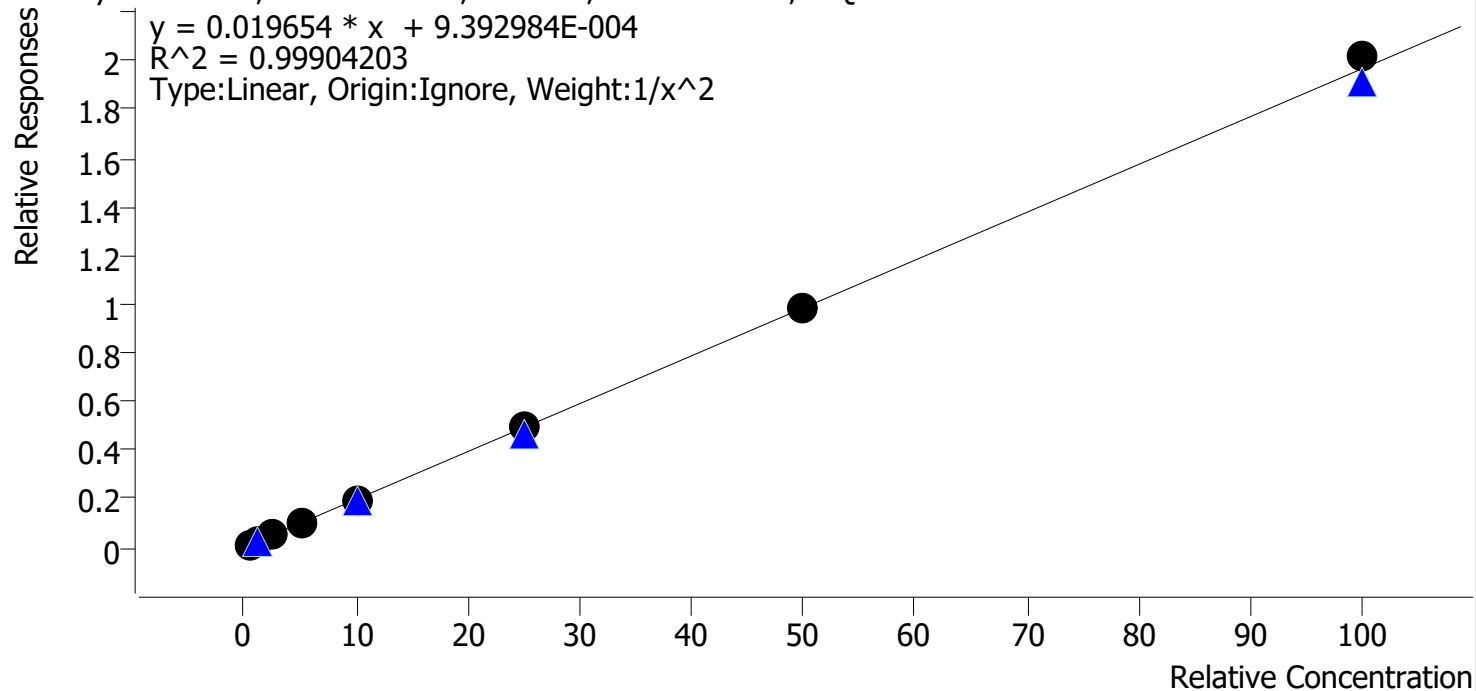
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng_r	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng_r	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng_r	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng_r	7	✓	500.0	499.5	99.9
p1 Cal 8-1000ng_r	8	✓	1000.0	1002.7	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



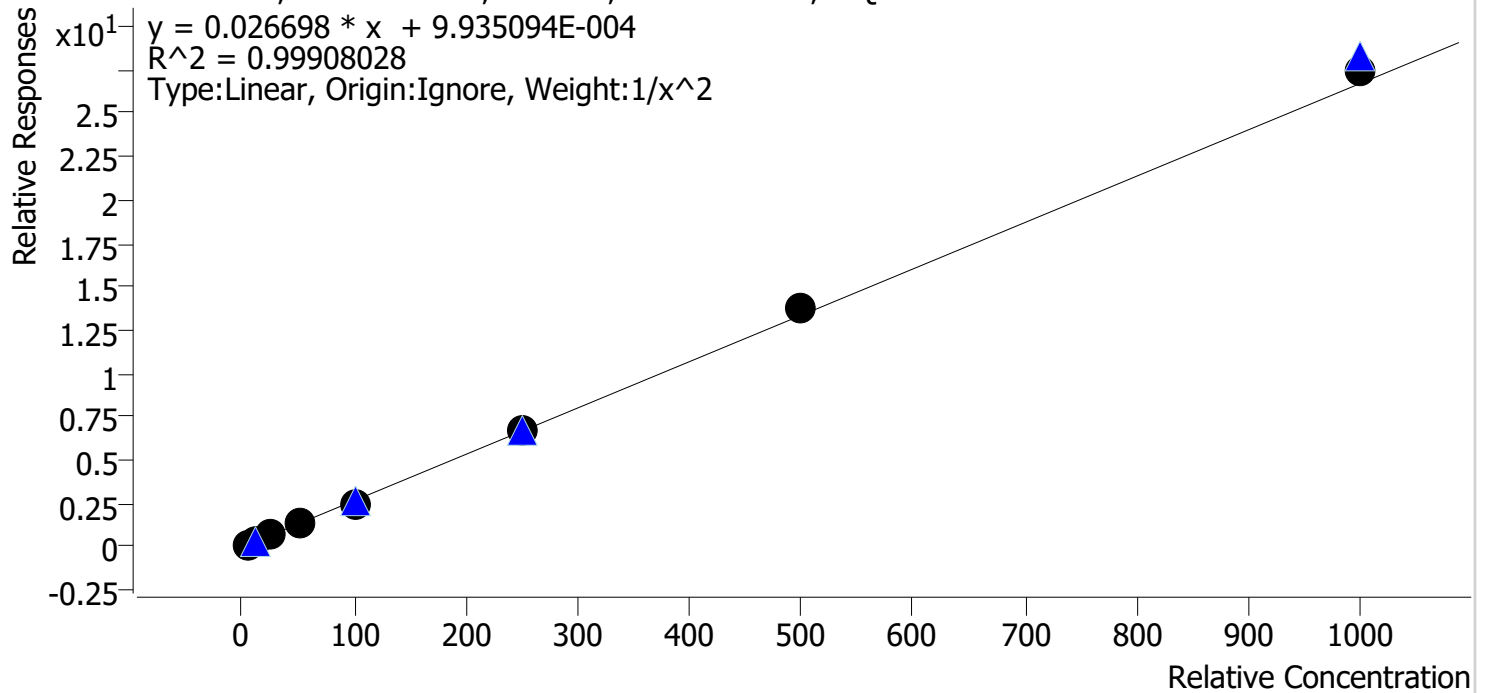
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	102.9
p1 Cal 2-10ng r	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	96.7
p1 Cal 4-50ng_r	4	✓	5.0	5.0	100.0
p1 Cal 5-100ng_r	5	✓	10.0	10.1	100.5
p1 Cal 6-250ng_r	6	✓	25.0	25.5	101.8
p1 Cal 7-500ng_r	7	✓	50.0	50.1	100.1
p1 Cal 8-1000ng_r	8	✓	100.0	102.5	102.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

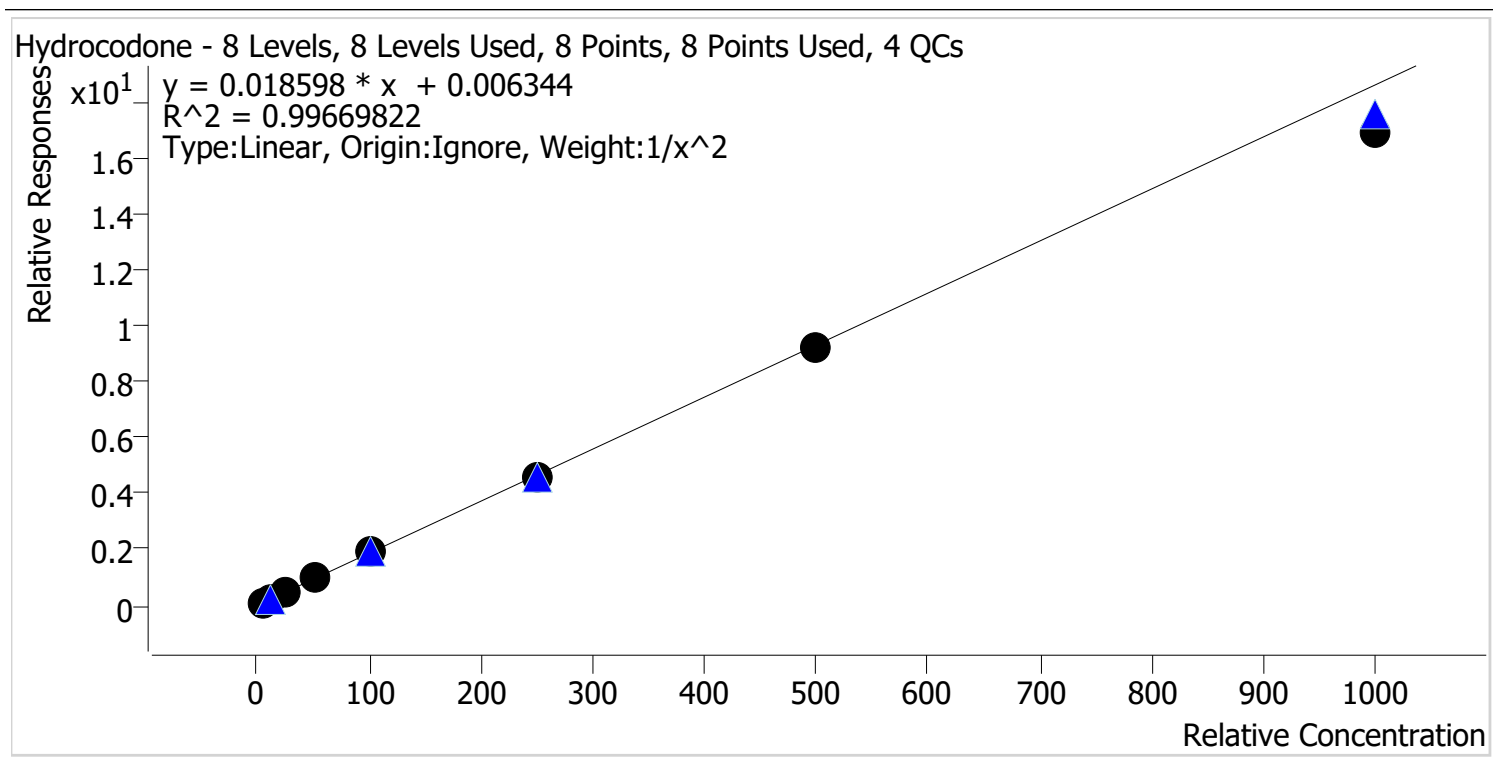


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng r	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng_r	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng_r	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng_r	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng_r	7	✓	500.0	513.4	102.7
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\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



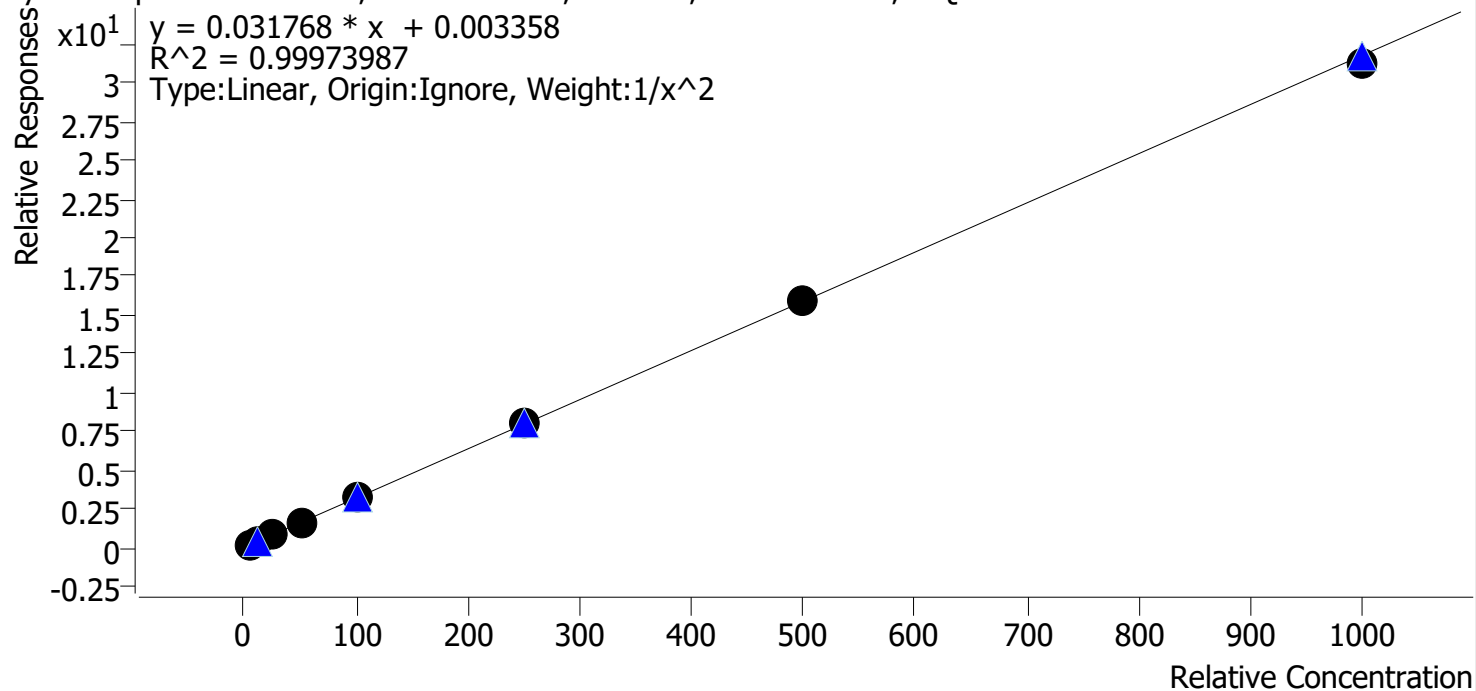
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng r	2	✓	10.0	10.7	106.6
p1 Cal 3 -25ng_r	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng_r	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng_r	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng_r	6	✓	250.0	245.6	98.3
p1 Cal 7-500ng_r	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng_r	8	✓	1000.0	910.4	91.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



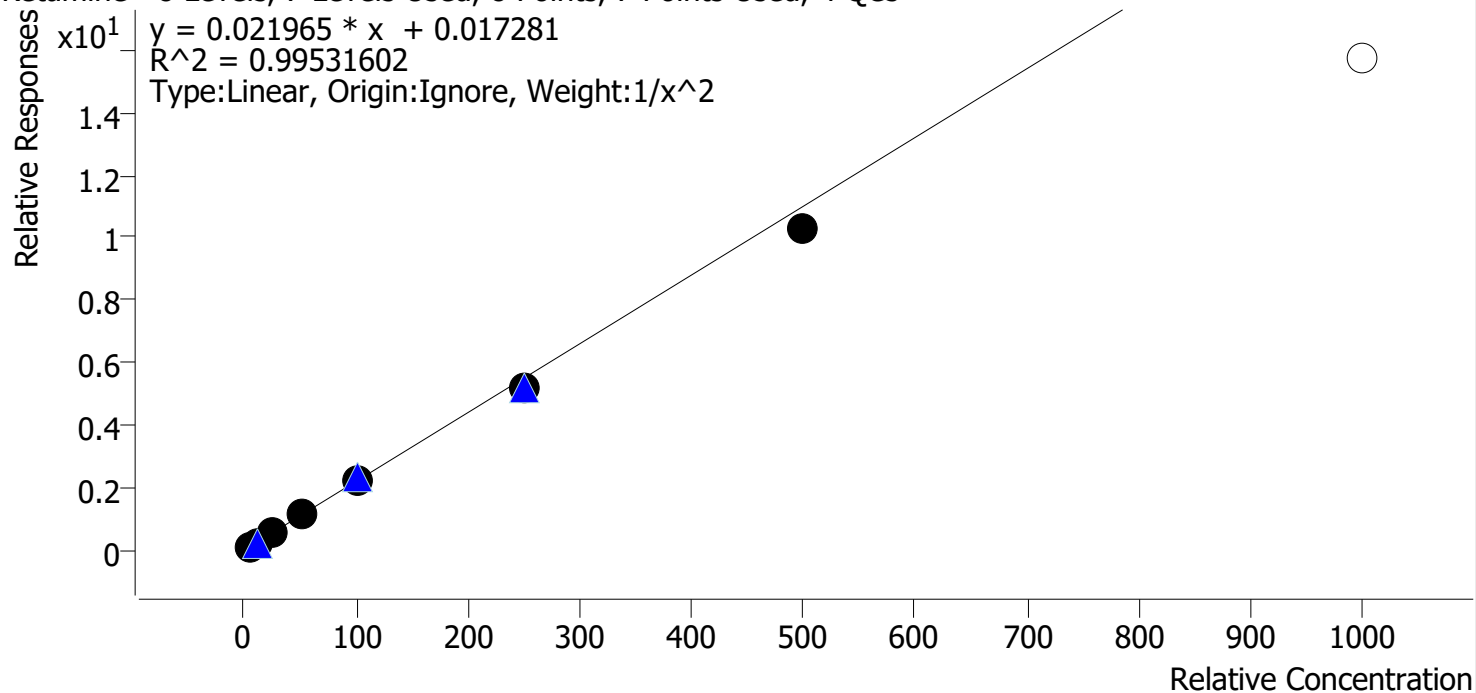
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng r	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng_r	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng_r	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng_r	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng_r	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng_r	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng_r	8	✓	1000.0	981.6	98.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



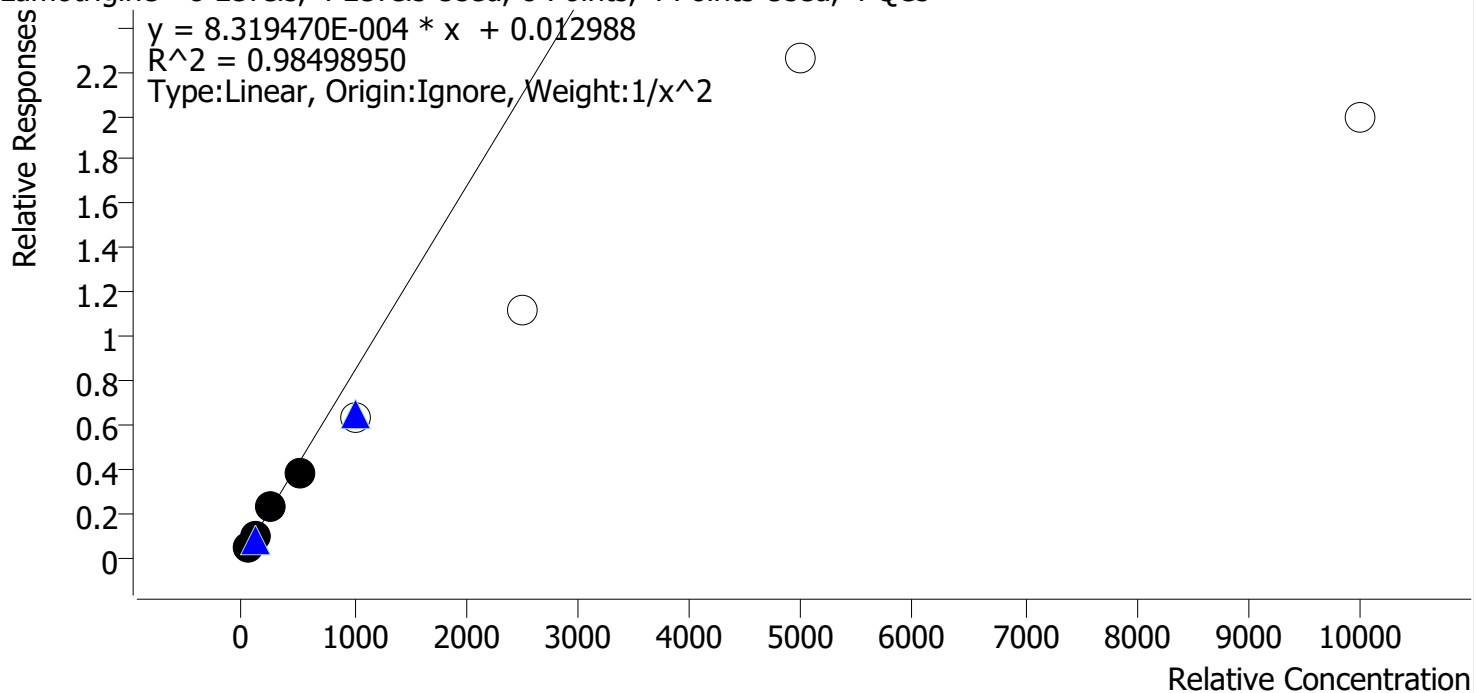
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng_r	3	✓	25.0	27.5	110.0
p1 Cal 4-50ng r	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng r	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng_r	6	✓	250.0	234.5	93.8
p1 Cal 7-500ng r	7	✓	500.0	468.7	93.7
p1 Cal 8-1000ng_r	8	✗	1000.0	714.7	71.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

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



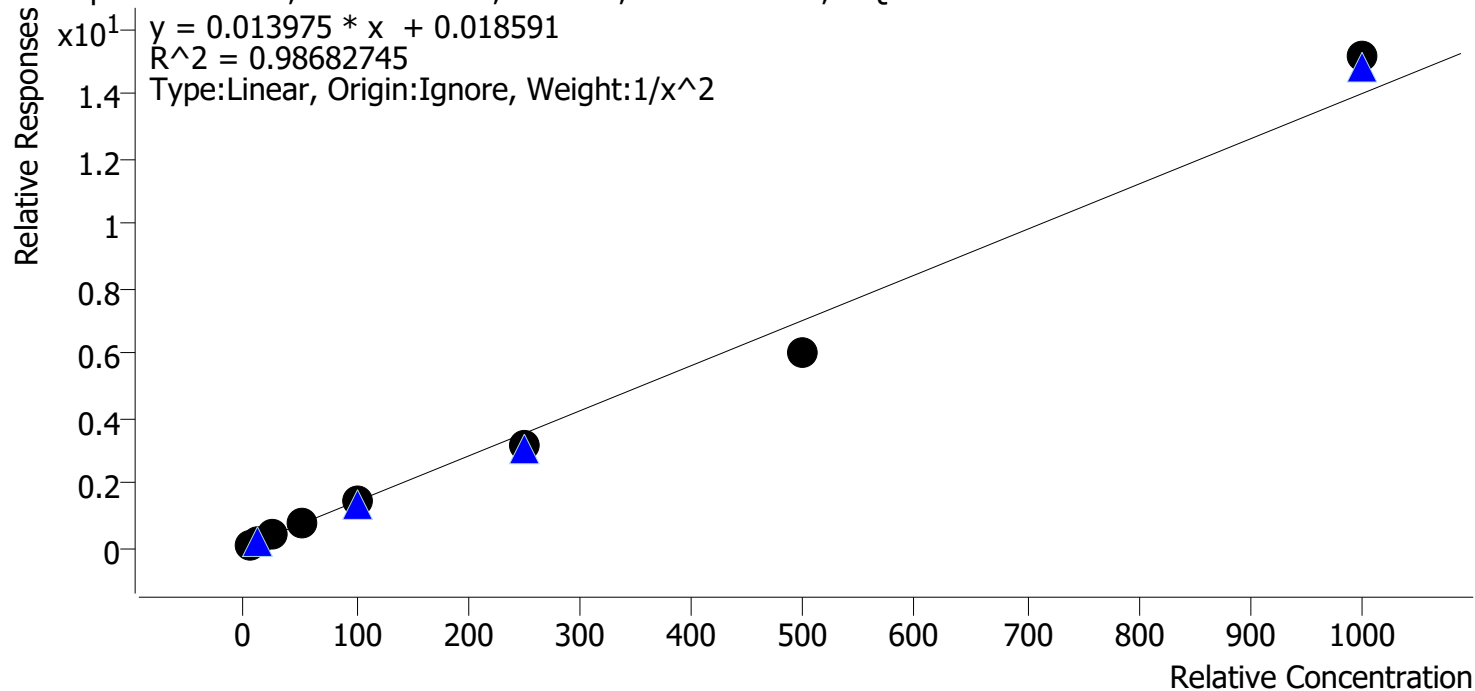
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	50.0	49.0	98.0
p1 Cal 2-10ng r	2	✓	100.0	101.8	101.8
p1 Cal 3 -25ng_r	3	✓	250.0	276.6	110.7
p1 Cal 4-50ng_r	4	✓	500.0	447.7	89.5
p1 Cal 5-100ng_r	5	✗	1000.0	757.7	75.8
p1 Cal 6-250ng_r	6	✗	2500.0	1324.0	53.0
p1 Cal 7-500ng_r	7	✗	5000.0	2697.6	54.0
p1 Cal 8-1000ng_r	8	✗	10000.0	2373.5	23.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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	4.8	95.4
p1 Cal 2-10ng r	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng_r	3	✓	25.0	29.3	117.3
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng_r	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng_r	6	✓	250.0	223.2	89.3
p1 Cal 7-500ng_r	7	✓	500.0	430.6	86.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1081.4	108.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 10/8/2024 11:00 AM

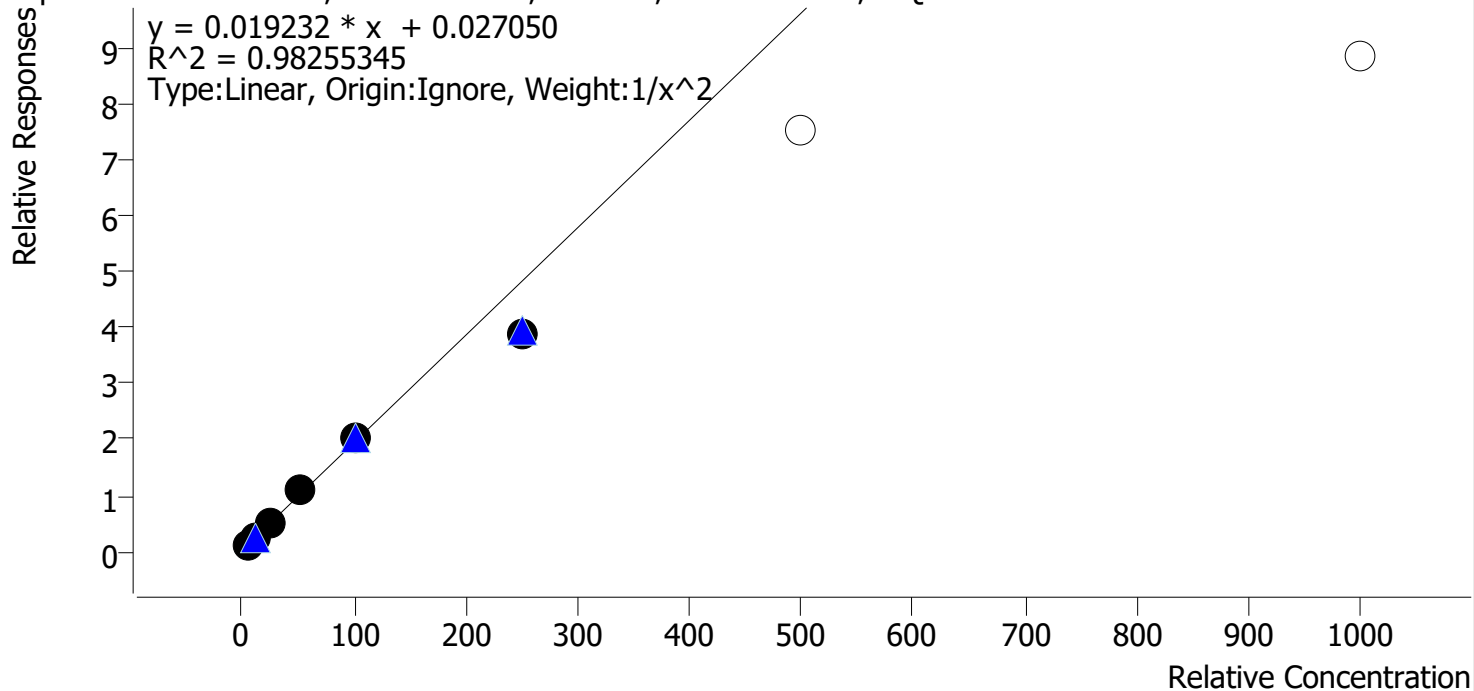
Analyst Name ISP\Datastor

Analyte Meprobamate

Internal Standard

Meprobamate-D7

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



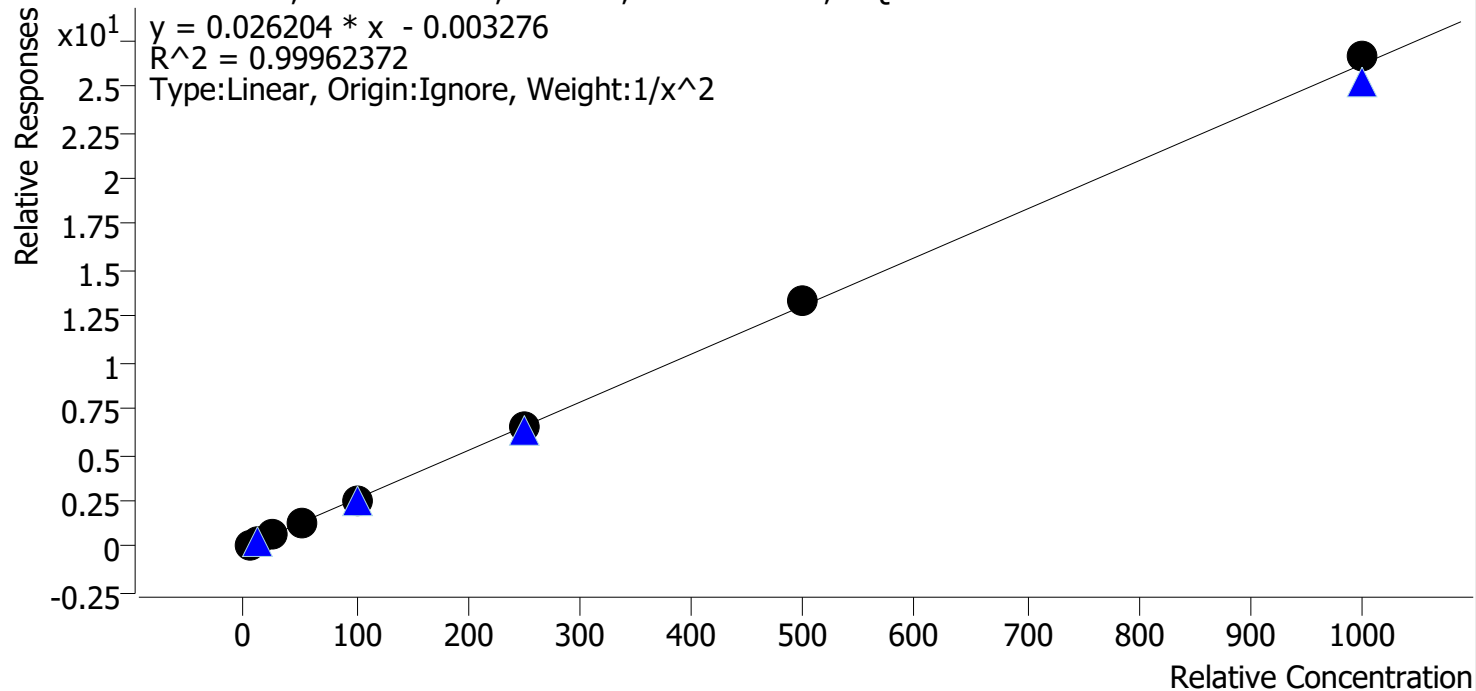
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.7	94.5
p1 Cal 2-10ng r	2	✓	10.0	10.8	108.4
p1 Cal 3 -25ng_r	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng_r	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng_r	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng_r	6	✓	250.0	202.5	81.0
p1 Cal 7-500ng_r	7	✗	500.0	391.2	78.2
p1 Cal 8-1000ng_r	8	✗	1000.0	459.3	45.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



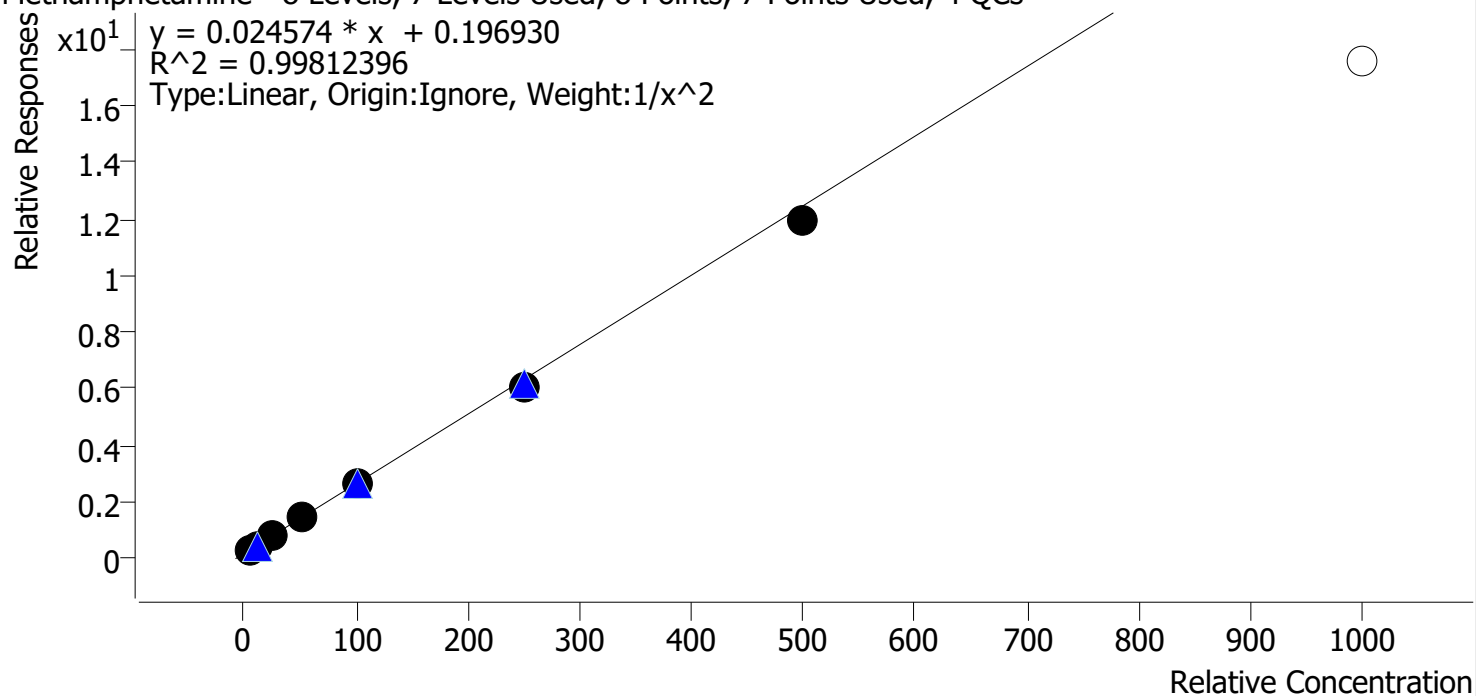
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng_r	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng_r	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng_r	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng_r	7	✓	500.0	508.7	101.7
p1 Cal 8-1000ng_r	8	✓	1000.0	1016.1	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



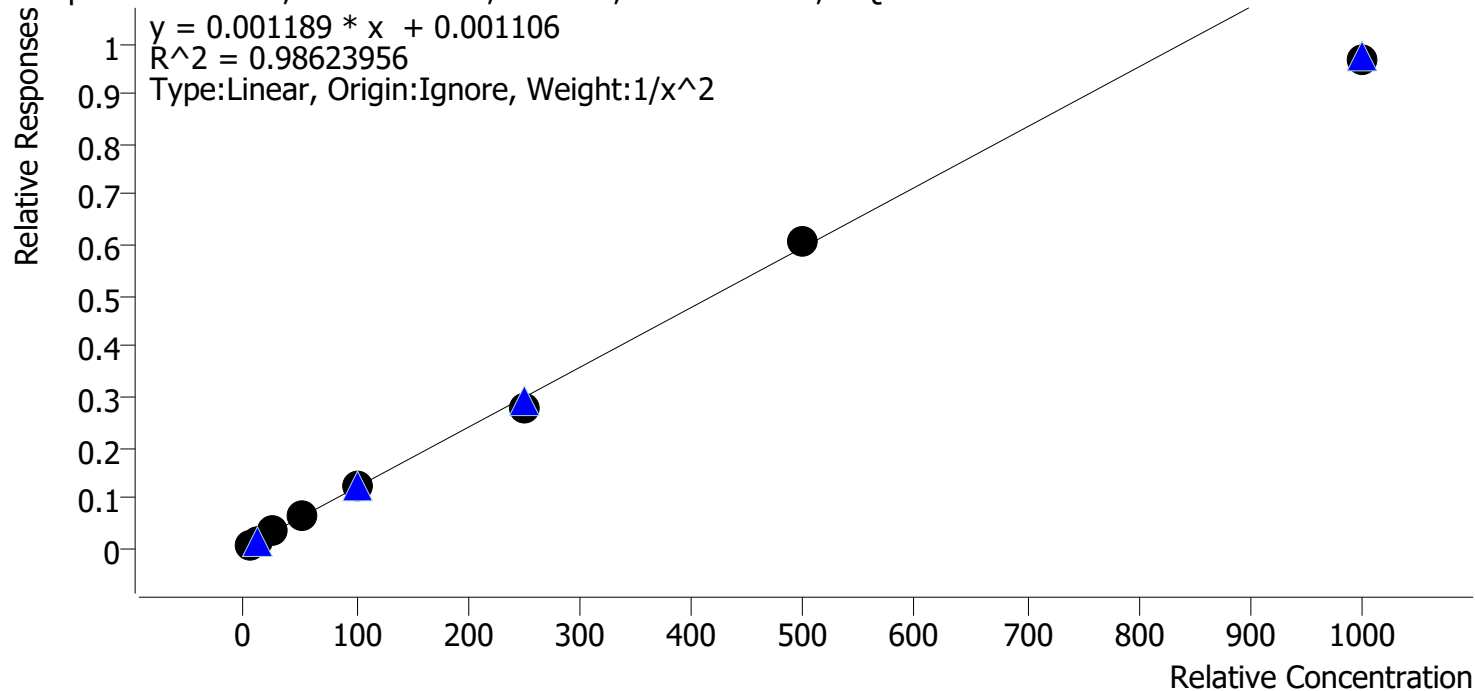
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng r	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng_r	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng_r	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng_r	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng_r	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng_r	7	✓	500.0	479.9	96.0
p1 Cal 8-1000ng_r	8	✗	1000.0	707.3	70.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



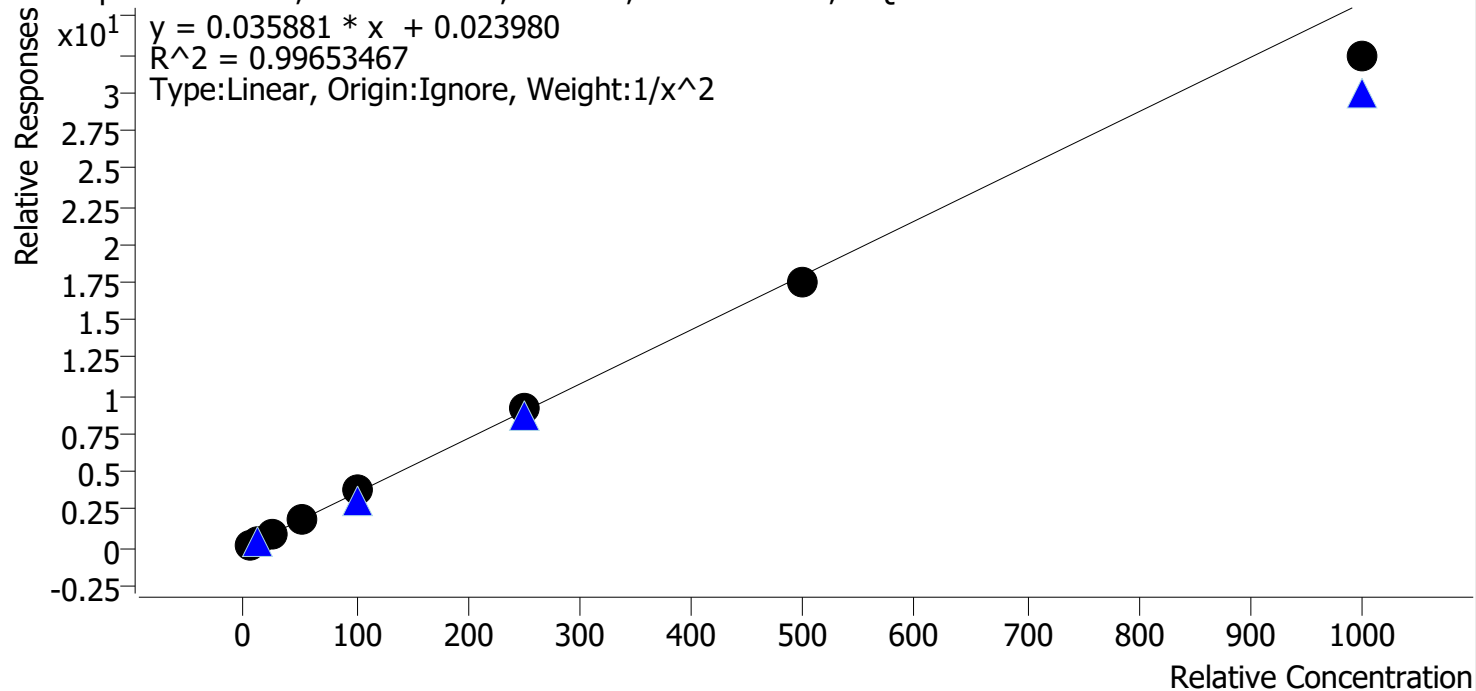
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng_r	3	✓	25.0	28.8	115.2
p1 Cal 4-50ng r	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng r	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng_r	6	✓	250.0	234.4	93.7
p1 Cal 7-500ng r	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng_r	8	✓	1000.0	811.0	81.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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

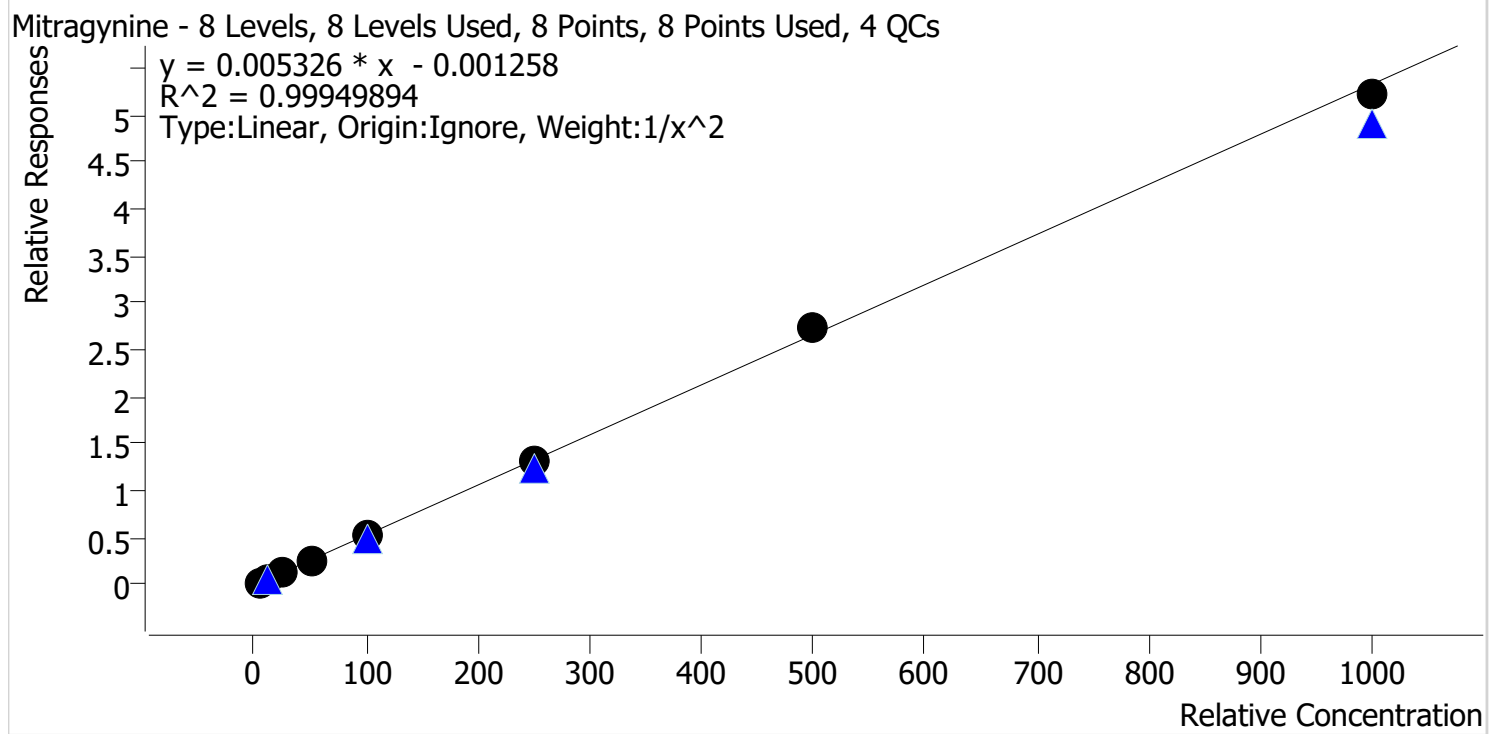


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng r	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng_r	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng_r	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng_r	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng_r	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng_r	7	✓	500.0	489.0	97.8
p1 Cal 8-1000ng_r	8	✓	1000.0	901.6	90.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

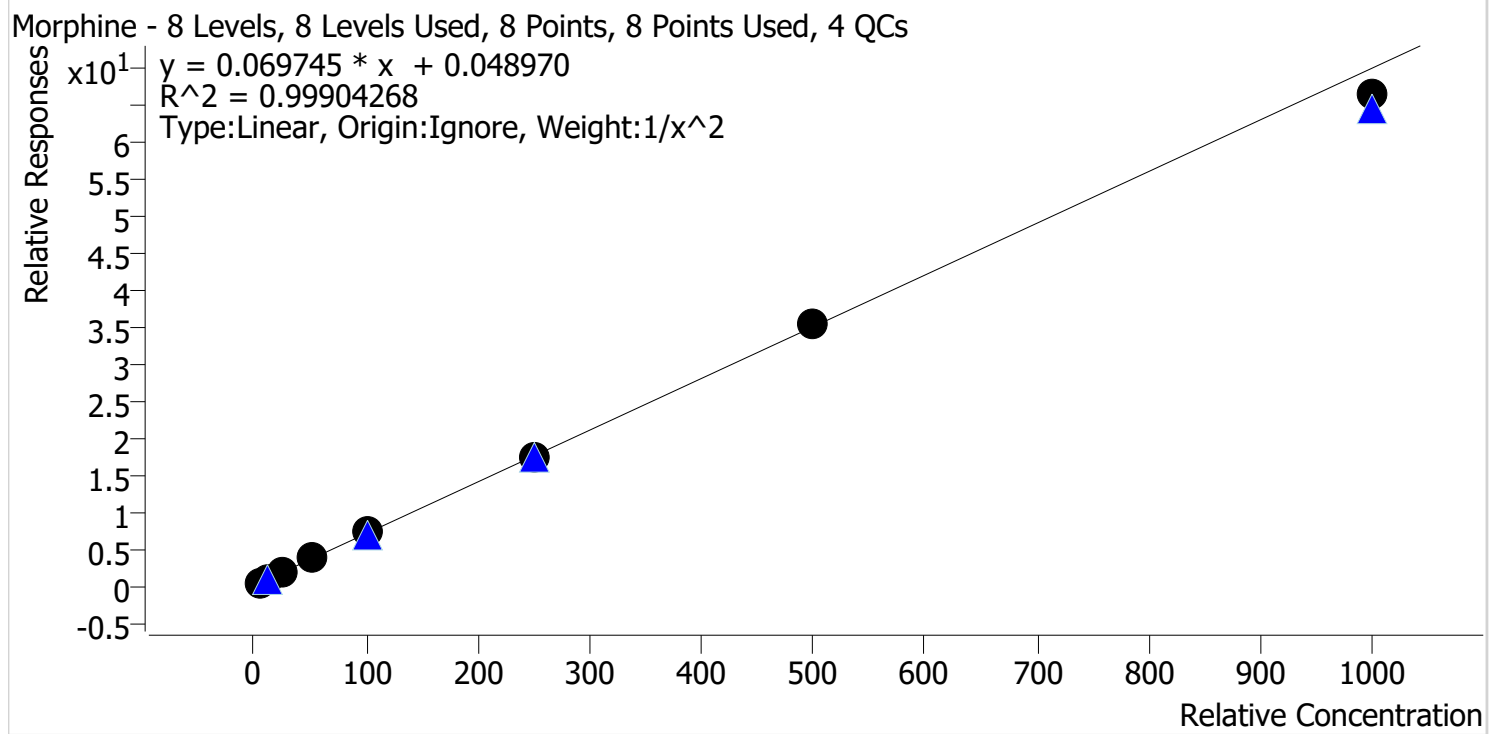


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng_r	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng_r	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng_r	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng_r	8	✓	1000.0	979.2	97.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



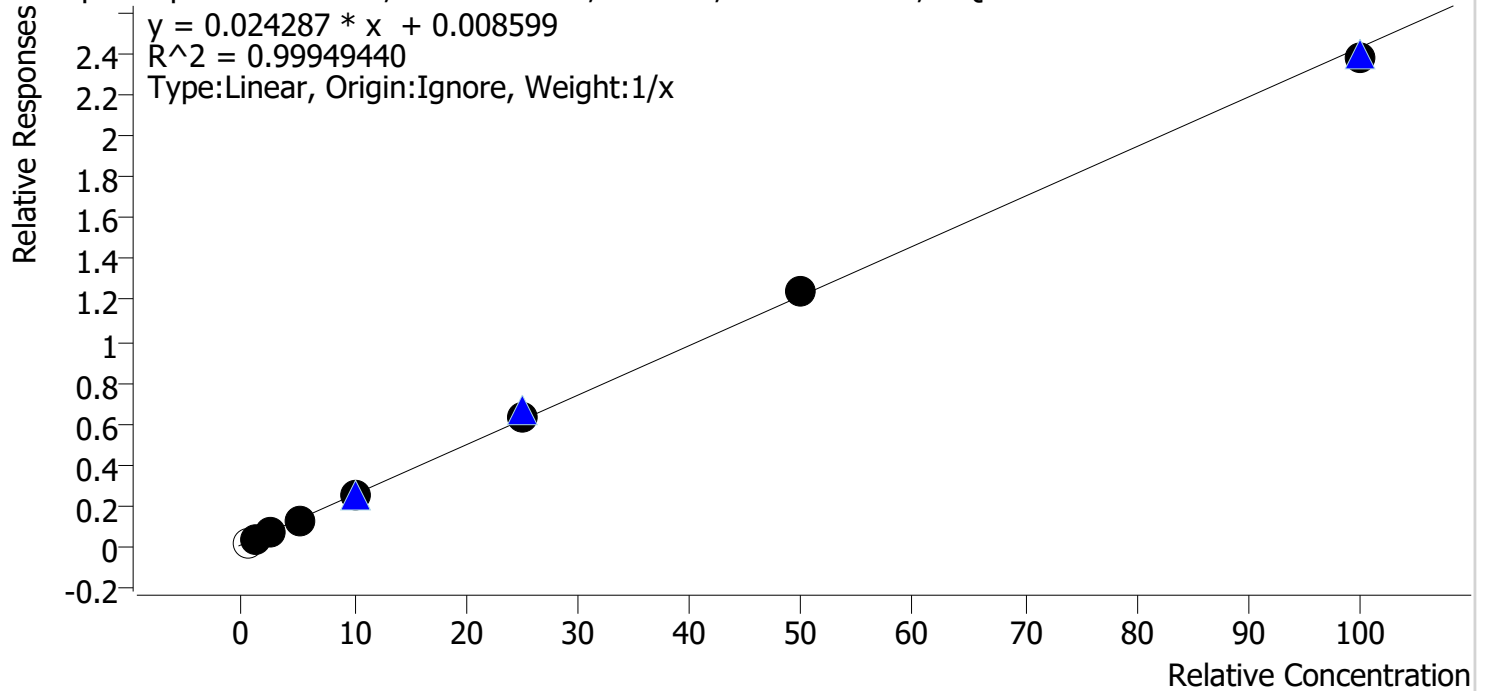
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng_r	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng_r	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng_r	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng_r	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng_r	8	✓	1000.0	948.8	94.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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

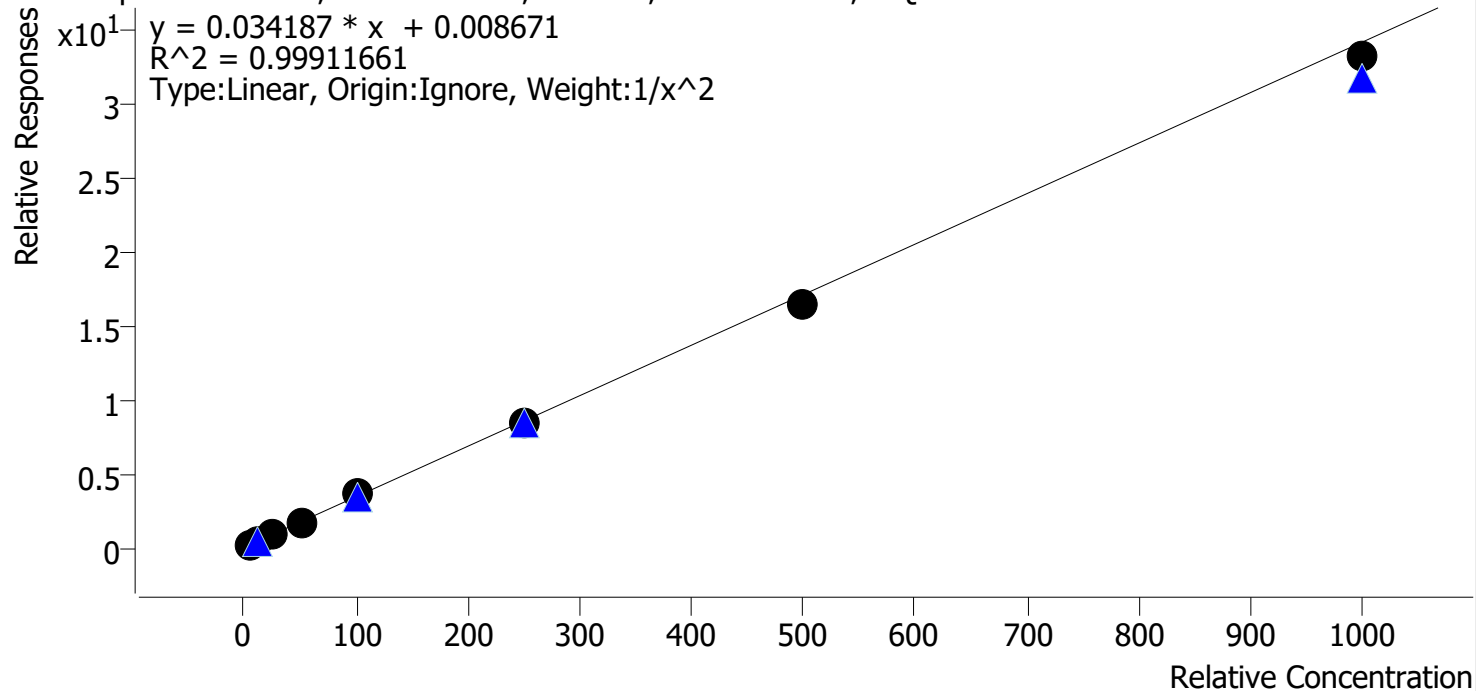


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	x	0.5	0.3	63.3
p1 Cal 2-10ng r	2	✓	1.0	1.0	98.3
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	97.1
p1 Cal 4-50ng_r	4	✓	5.0	5.0	99.5
p1 Cal 5-100ng_r	5	✓	10.0	10.2	102.1
p1 Cal 6-250ng_r	6	✓	25.0	25.7	102.7
p1 Cal 7-500ng_r	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng_r	8	✓	100.0	98.1	98.1

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



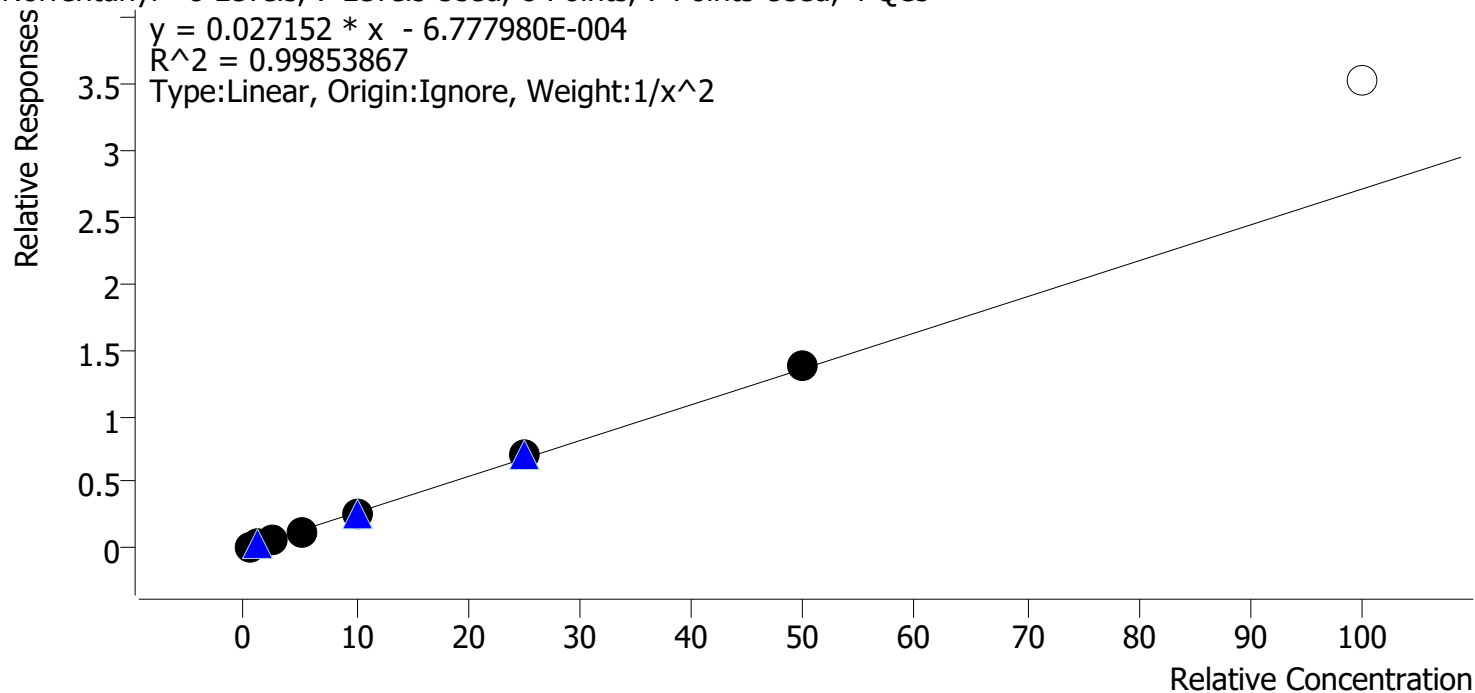
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng_r	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng_r	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng_r	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng_r	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng_r	7	✓	500.0	483.8	96.8
p1 Cal 8-1000ng_r	8	✓	1000.0	971.4	97.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



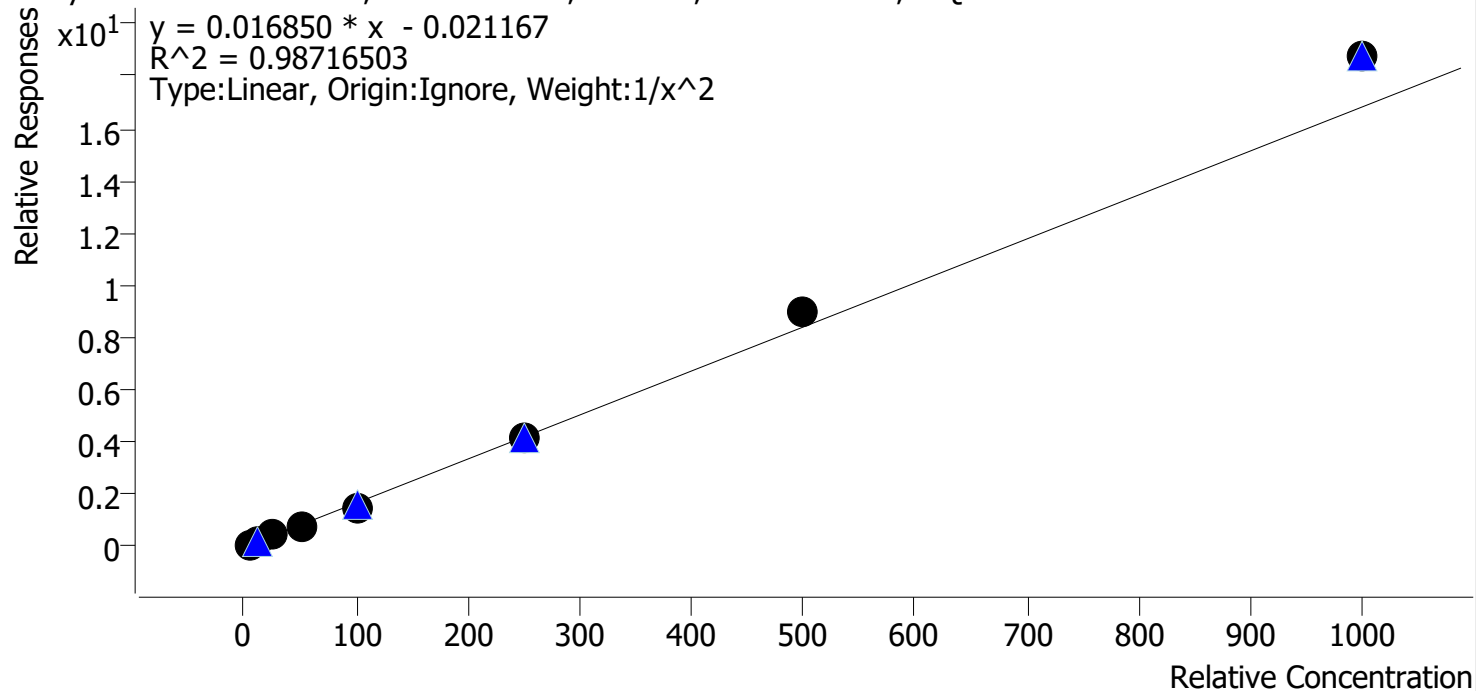
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	0.5	0.5	100.6
p1 Cal 2-10ng r	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng_r	3	✓	2.5	2.4	95.0
p1 Cal 4-50ng r	4	✓	5.0	4.9	97.2
p1 Cal 5-100ng r	5	✓	10.0	9.9	99.1
p1 Cal 6-250ng_r	6	✓	25.0	26.2	104.7
p1 Cal 7-500ng r	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng_r	8	✗	100.0	130.2	130.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



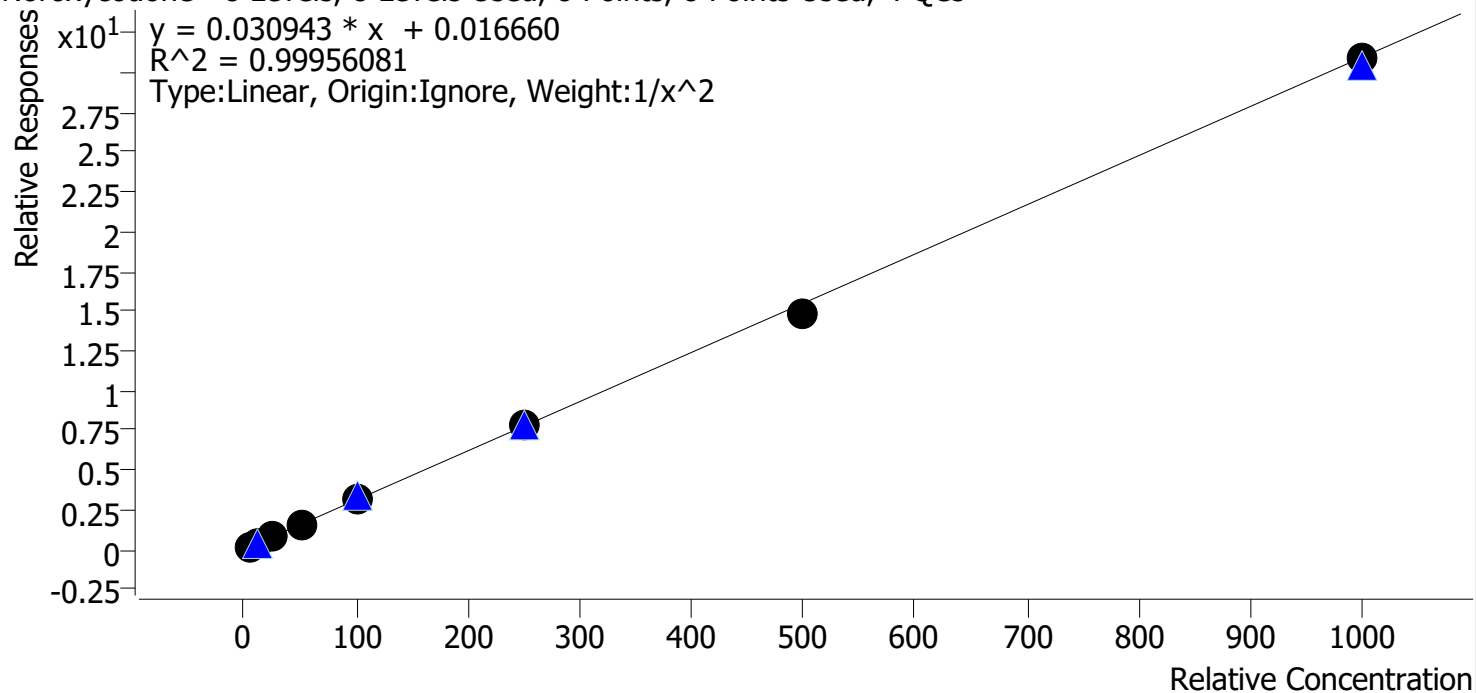
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng r	2	✓	10.0	9.0	89.7
p1 Cal 3 -25ng_r	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng r	4	✓	50.0	42.9	85.7
p1 Cal 5-100ng r	5	✓	100.0	91.4	91.4
p1 Cal 6-250ng_r	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng r	7	✓	500.0	535.5	107.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1113.2	111.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



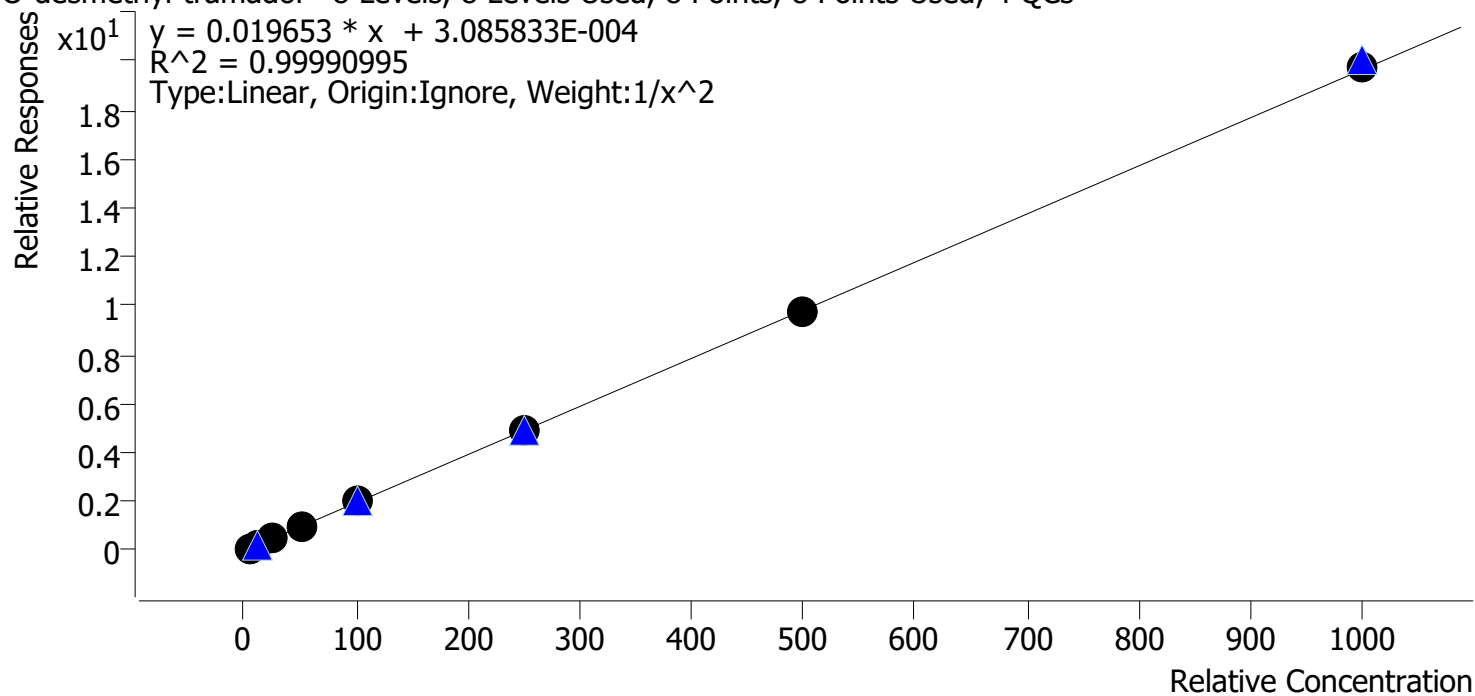
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng r	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng_r	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng_r	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng_r	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng_r	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng_r	7	✓	500.0	481.4	96.3
p1 Cal 8-1000ng_r	8	✓	1000.0	997.3	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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



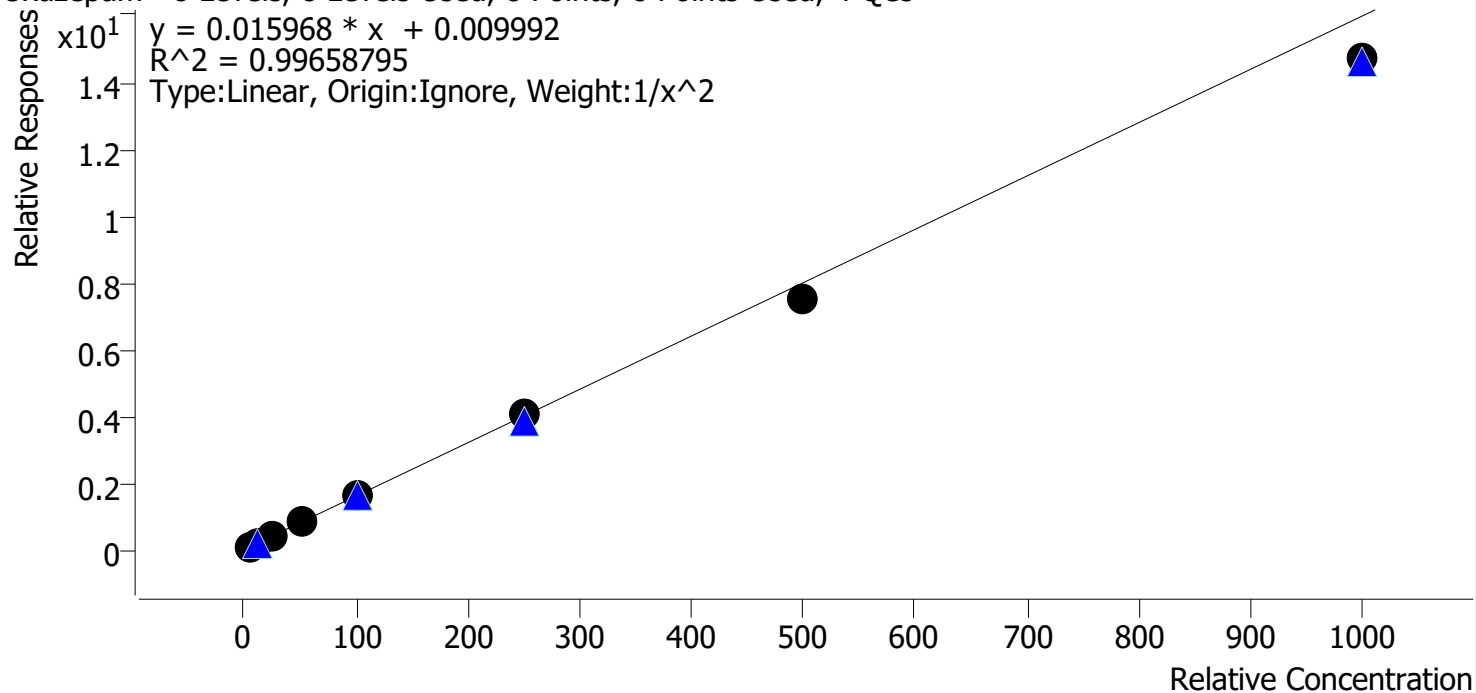
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng_r	2	✓	10.0	9.9	98.9
p1 Cal 3-25ng_r	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng_r	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng_r	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng_r	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng_r	7	✓	500.0	500.6	100.1
p1 Cal 8-1000ng_r	8	✓	1000.0	1003.1	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



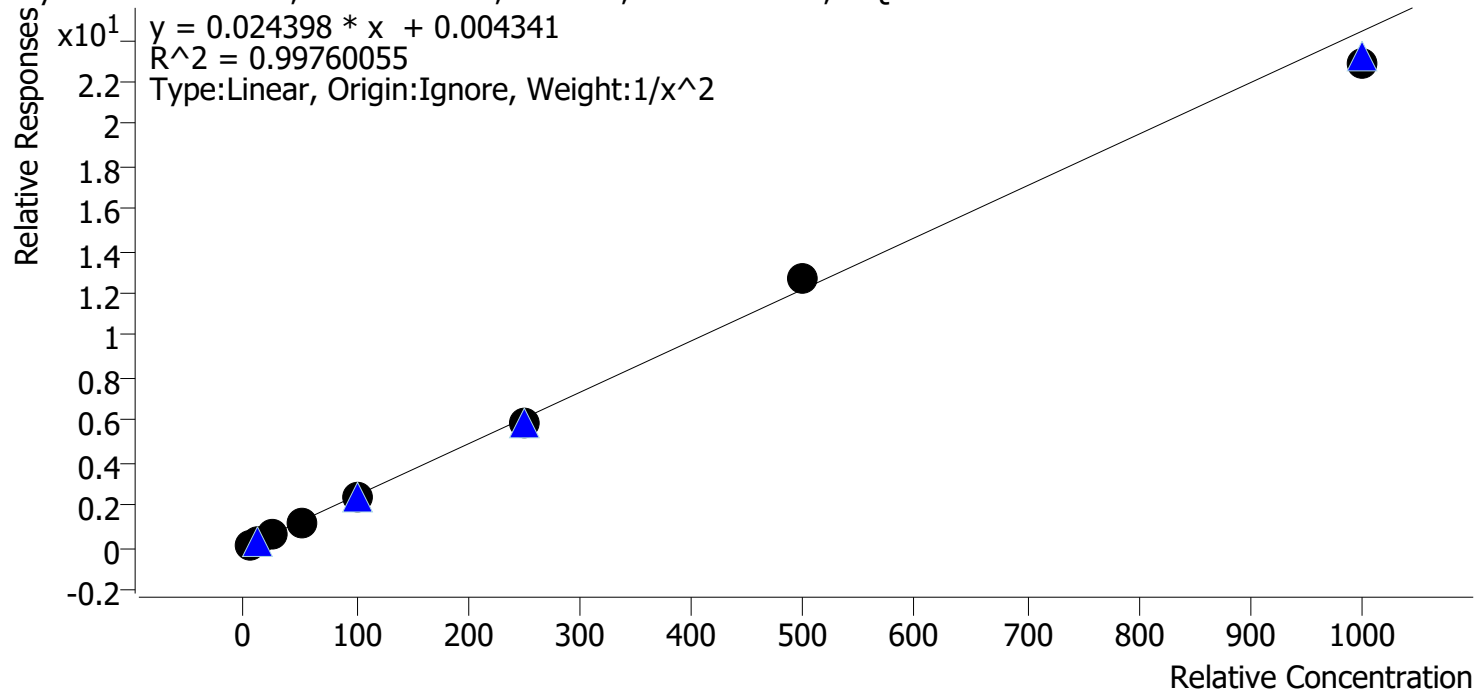
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng r	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng_r	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng r	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng r	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng_r	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng r	7	✓	500.0	470.9	94.2
p1 Cal 8-1000ng_r	8	✓	1000.0	920.2	92.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



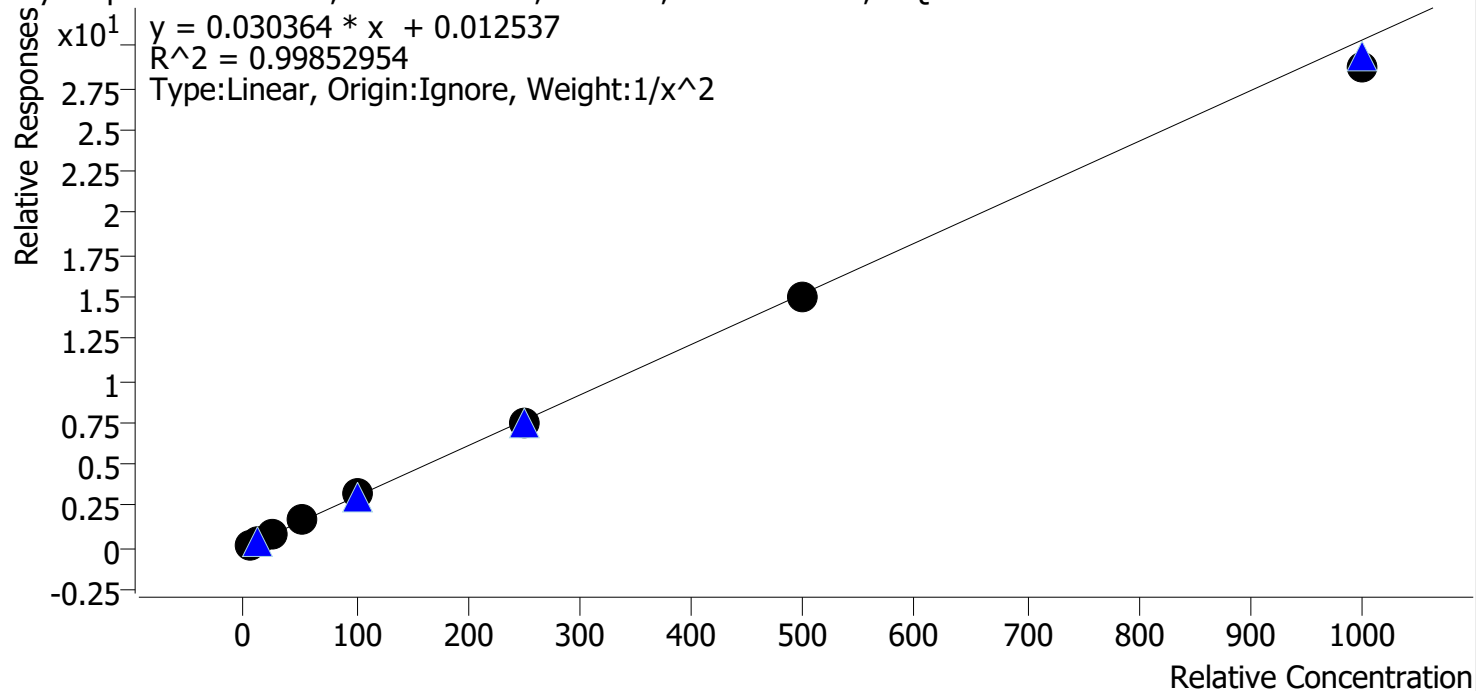
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng_r	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng_r	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng_r	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng_r	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng_r	7	✓	500.0	522.5	104.5
p1 Cal 8-1000ng_r	8	✓	1000.0	937.4	93.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



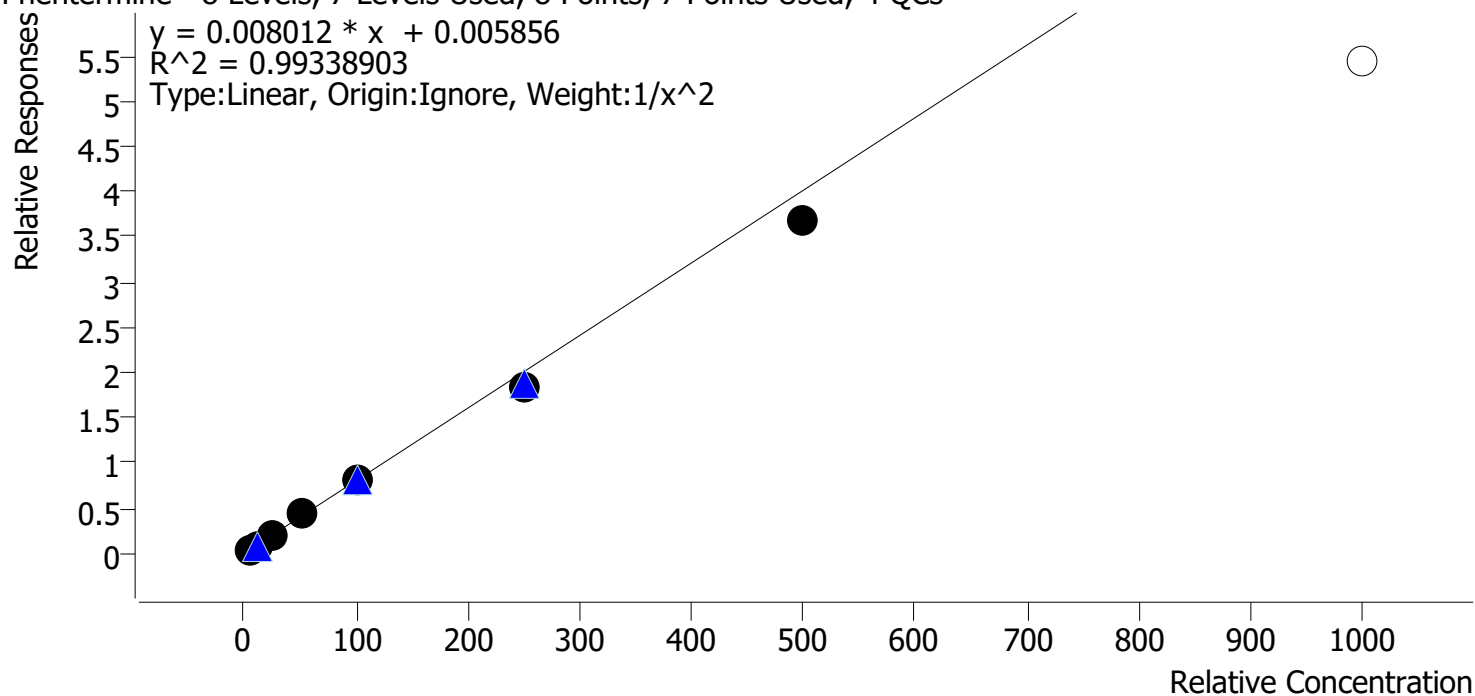
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng_r	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng_r	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng_r	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng_r	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng_r	7	✓	500.0	492.0	98.4
p1 Cal 8-1000ng_r	8	✓	1000.0	945.9	94.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



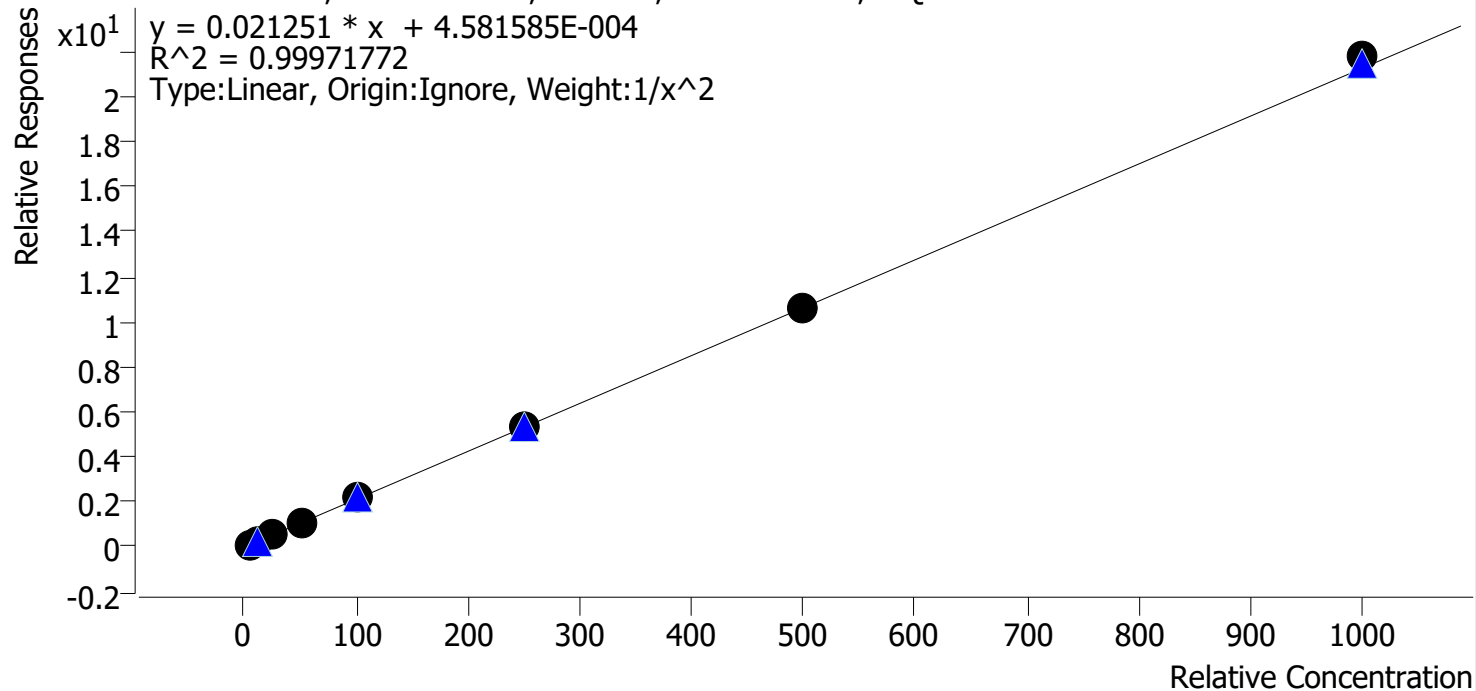
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng r	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng_r	3	✓	25.0	26.4	105.4
p1 Cal 4-50ng r	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng r	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng_r	6	✓	250.0	230.9	92.4
p1 Cal 7-500ng r	7	✓	500.0	458.2	91.6
p1 Cal 8-1000ng_r	8	✗	1000.0	677.3	67.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

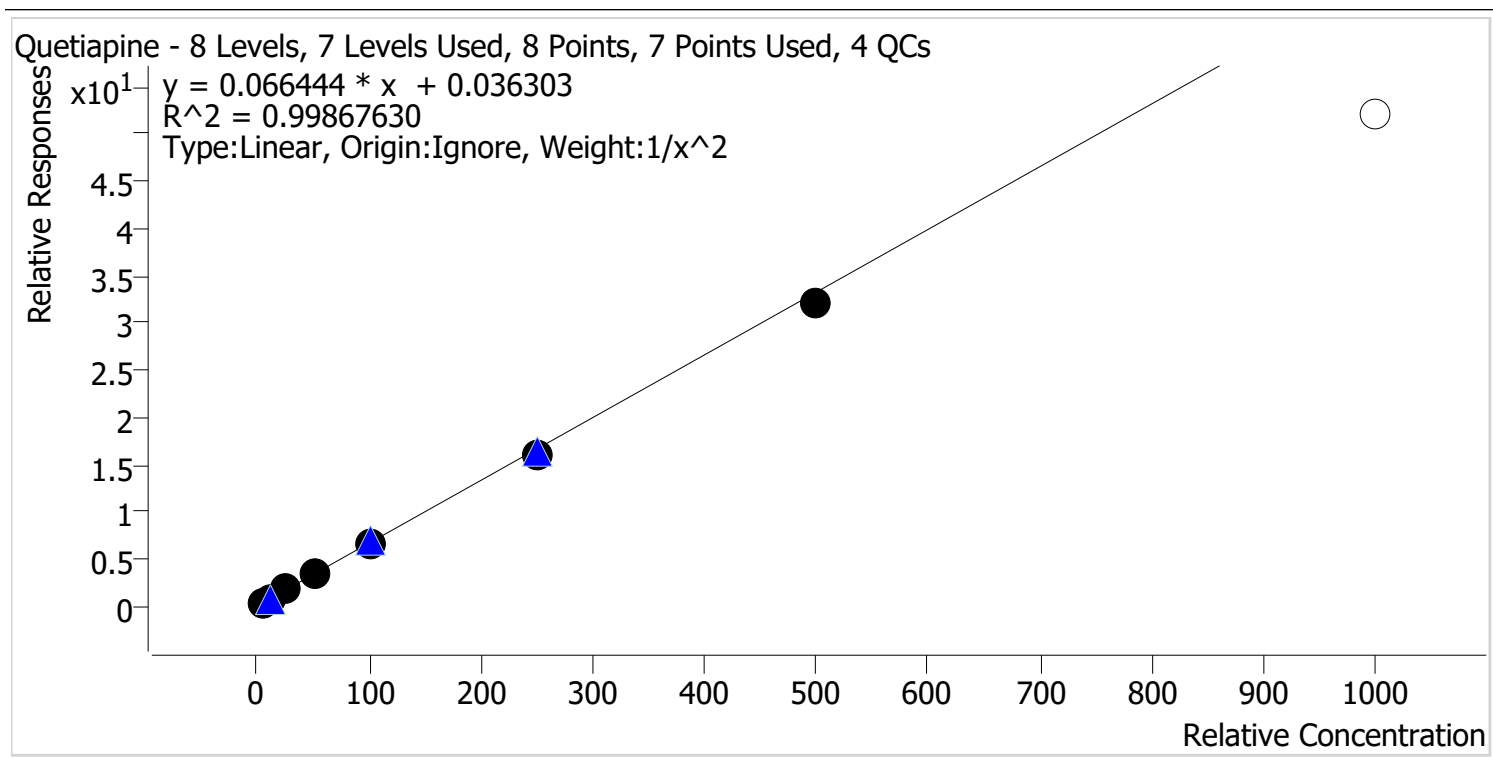


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng_r	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng_r	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng_r	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng_r	6	✓	250.0	247.6	99.1
p1 Cal 7-500ng_r	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng_r	8	✓	1000.0	1024.4	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

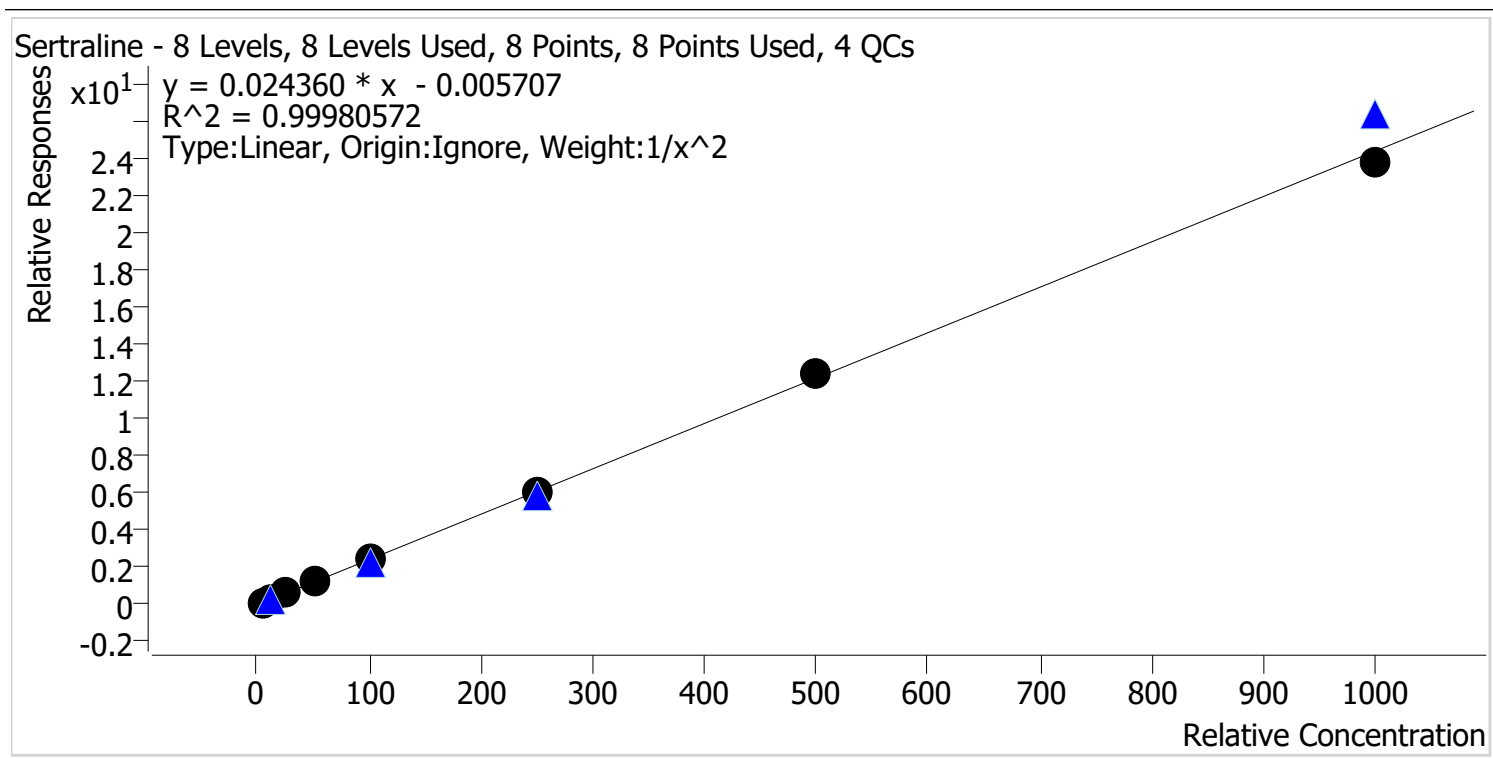


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng r	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng_r	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng_r	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng_r	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng_r	6	✓	250.0	243.1	97.2
p1 Cal 7-500ng_r	7	✓	500.0	483.3	96.7
p1 Cal 8-1000ng_r	8	✗	1000.0	783.0	78.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



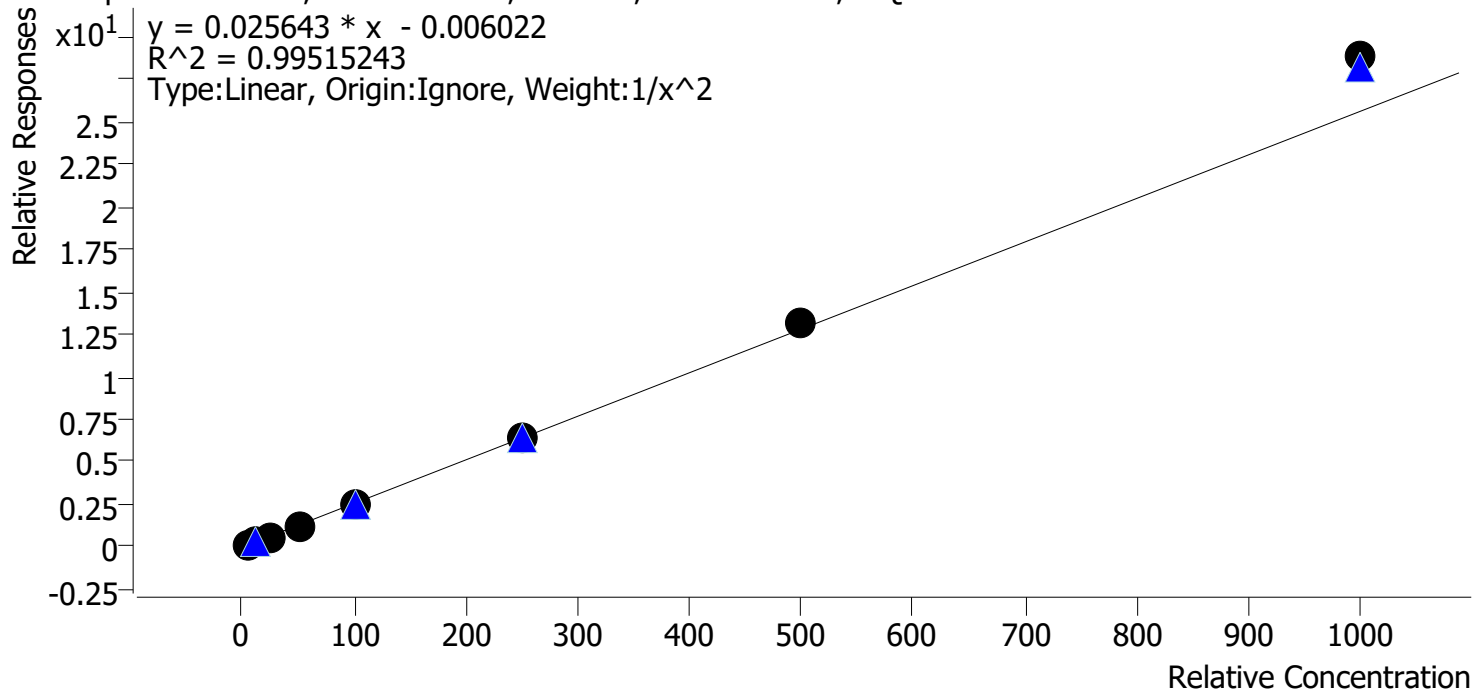
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng_r	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng_r	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng_r	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng_r	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng_r	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng_r	8	✓	1000.0	978.3	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

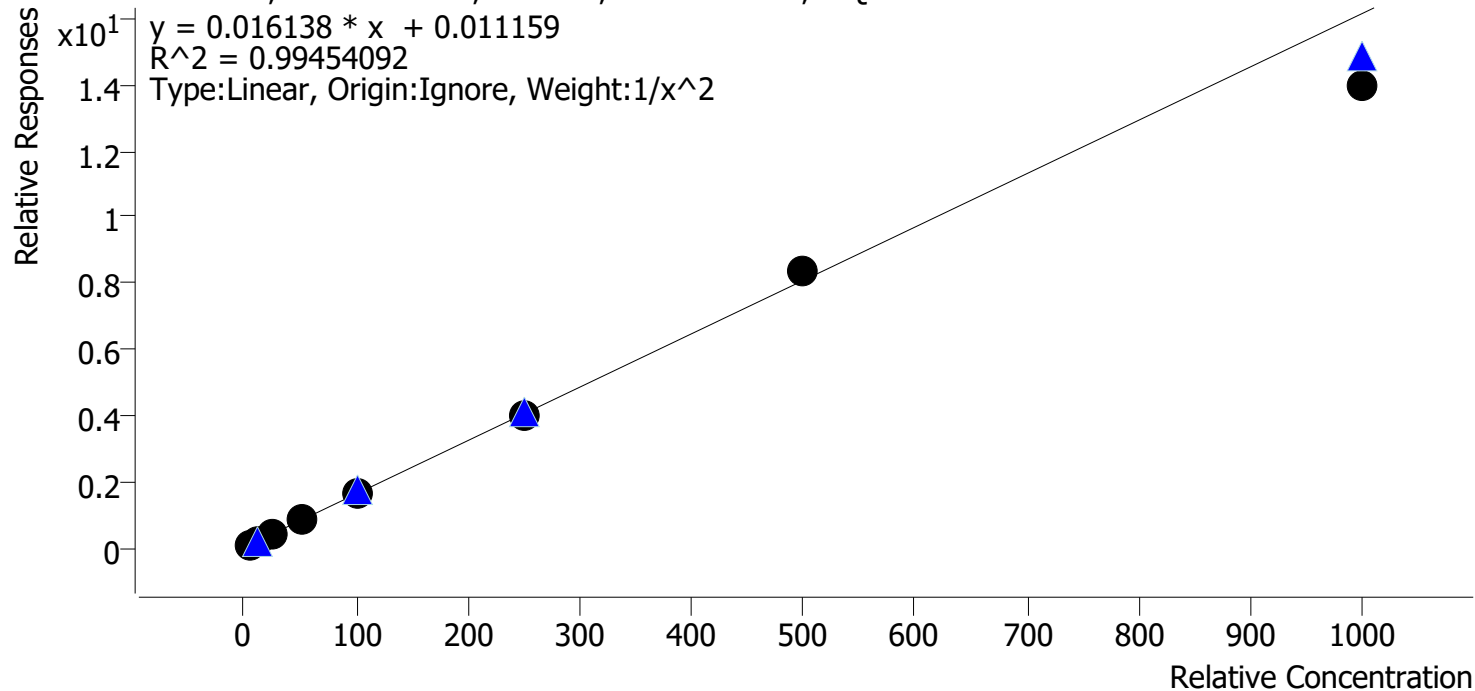


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng r	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng_r	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng_r	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng_r	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng_r	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng_r	7	✓	500.0	511.7	102.3
p1 Cal 8-1000ng_r	8	✓	1000.0	1125.7	112.6

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 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



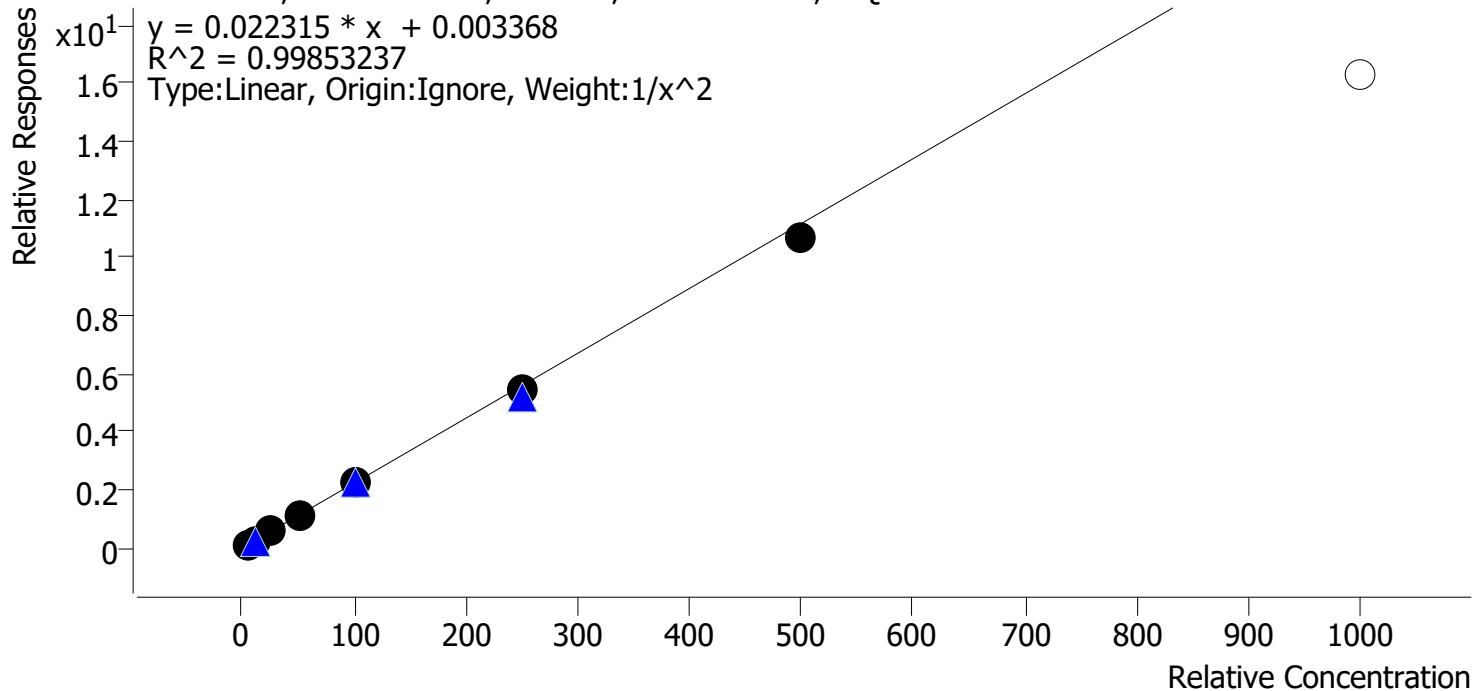
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng r	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng_r	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng_r	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng_r	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng_r	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng_r	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng_r	8	✓	1000.0	863.9	86.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

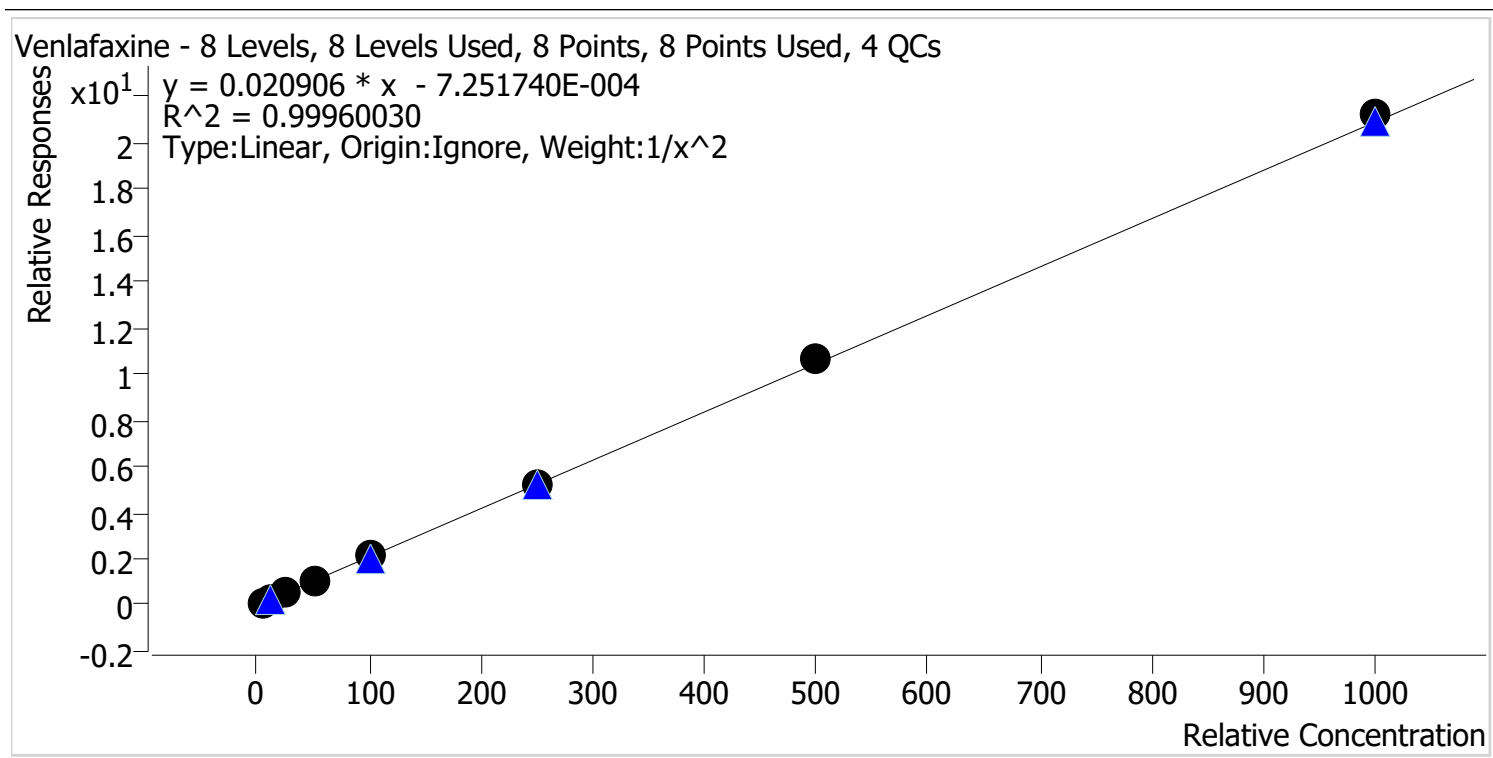


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng r	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng_r	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng r	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng r	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng_r	6	✓	250.0	241.6	96.6
p1 Cal 7-500ng r	7	✓	500.0	476.8	95.4
p1 Cal 8-1000ng_r	8	✗	1000.0	728.4	72.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



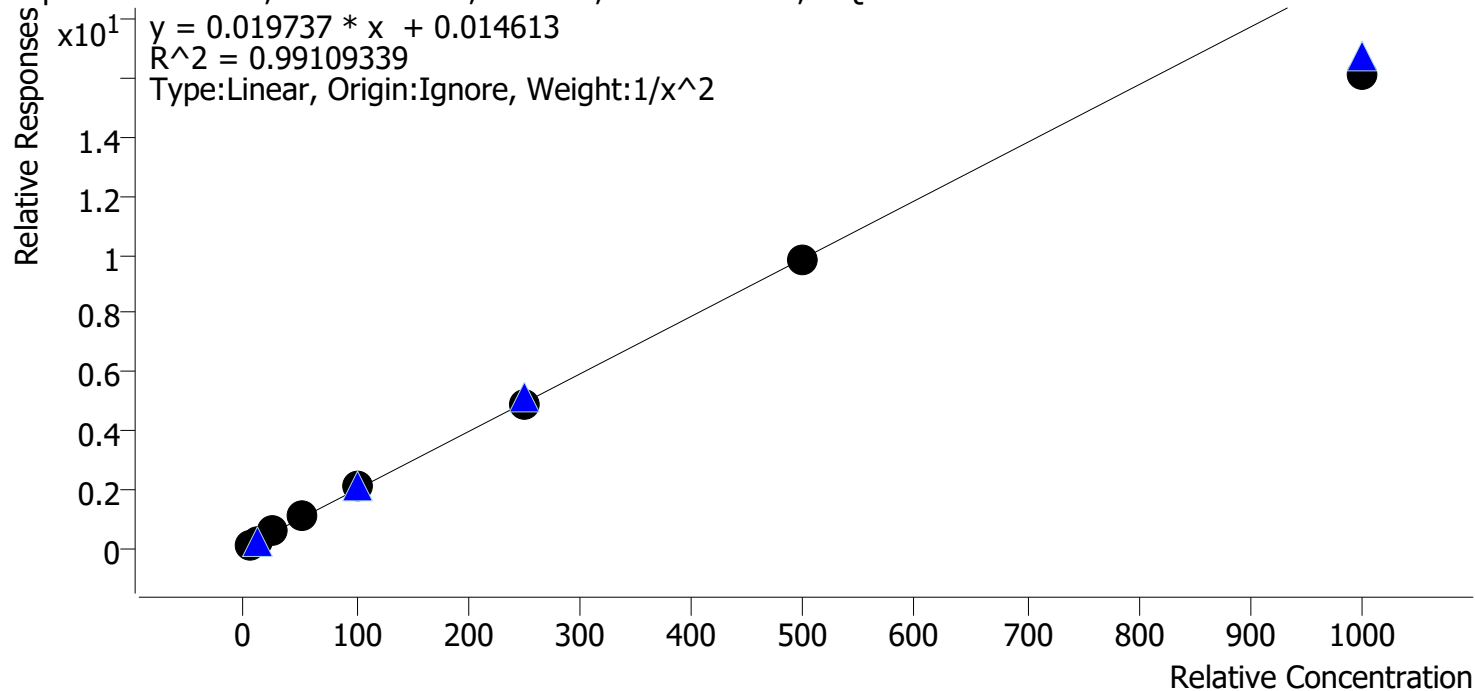
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng r	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng r	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng_r	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng_r	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng_r	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng_r	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng_r	7	✓	500.0	508.5	101.7
p1 Cal 8-1000ng_r	8	✓	1000.0	1015.4	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/8/2024 11:00 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 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	97.2
p1 Cal 2-10ng r	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng_r	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng_r	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng_r	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng_r	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng_r	7	✓	500.0	500.5	100.1
p1 Cal 8-1000ng_r	8	✓	1000.0	817.7	81.8



AM #28 Multi-Drug Quant. Results

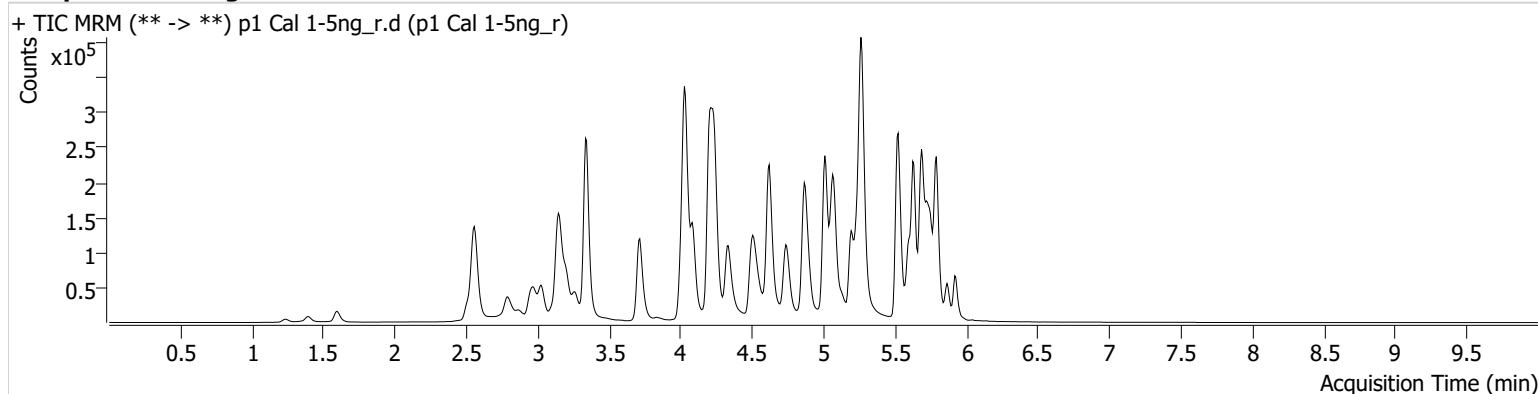
Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A1
Injection Volume 2
Acq. Date-Time 10/6/2024 9:48:09 AM
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	3.109	503	550.05	74.0	193.02	25712	0.4958 ng/ml
7-aminoclonazepam	4.244	9007	716.79	75.2	264.48	72493	4.6661 ng/ml
9-hydroxyrisperidone	4.624	1899	13.69	3480.7	702.61	491864	5.0510 ng/ml
a-hydroxyalprazolam	5.671	5899	217.63	59.4	135.18	29639	4.7039 ng/ml
alpha-PHP	4.908	11240	240.41	258.4	136.31	240615	4.9128 ng/ml
alpha-PVP	4.342	33285	354.74	52.8	171.34	240615	5.0104 ng/ml
Alprazolam	5.755	17644	434.31	107.1	385.89	109237	4.9068 ng/ml
Amphetamine	3.033	72057	697.14	45.8	4750.86	118175	4.7844 ng/ml
Benzoylcegonine	3.862	1089	71.01	32.9	208.65	7741	4.9528 ng/ml
Bromazolam	5.793	13581	7967.70	134.8	1656.30	66103	4.8802 ng/ml
Buprenorphine	5.799	969	1187.31	19.1	190.49	71348	0.5080 ng/ml
Bupropion	4.758	39818	387.31	62.7	289.04	252224	4.9493 ng/ml
Carisoprodol	5.703	19382	3647.85	66.3	42.60	183823	5.1538 ng/ml
Citalopram	5.193	31693	218.97	36.6	3601.77	283695	4.9898 ng/ml
Clonazepam	5.590	19903	141.20	32.1	6674.01	46913	4.8290 ng/ml
Clonazepam	5.534	12387	10505.34	38.2	1122.72	46913	4.6340 ng/ml
Cocaine	4.237	26708	2396.17	53.3	1095.30	442744	5.0312 ng/ml
Codeine	2.569	1117	3738.91	87.5	76.28	9476	4.8121 ng/ml
Cyclobenzaprine	5.600	24856	434.46	10.1	119.53	158344	5.0158 ng/ml
Dextromethorphan	5.250	19125	406.21	80.5	2262.19	155717	5.0866 ng/ml
Dextrorphan	4.089	12151	205.27	200.4	5790.22	238292	5.0813 ng/ml
Diazepam	5.927	12646	248.58	87.7	203.81	103696	4.9377 ng/ml
Dihydrocodeine	2.541	3810	37.48	68.9	60.23	53576	4.6823 ng/ml
Diphenhydramine	5.271	71681	1649.10	34.4	827.06	866126	5.0885 ng/ml
Doxylamine	4.518	66870	762.09	95.8	58246.24	486504	5.0130 ng/ml
Duloxetine	5.626	2939	381.21	13.4	352.70	30315	5.0241 ng/ml
EDDP	5.236	18597	2243.78	41.7	376.89	176131	4.9919 ng/ml
Etizolam	5.793	10932	10426.49	30.0	5057.01	46913	4.9904 ng/ml
Fentanyl	5.076	3278	209.48	54.8	4395.95	296610	0.5144 ng/ml
Fluorofentanyl	5.130	6505	425.38	45.9	771.50	2745	0.4871 ng/ml
Fluoxetine	5.686	33479	2006.21	7.7	3548.70	249244	4.9940 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	9192	68.87	43.0	124.31	96372	4.7873 ng/ml
Hydromorphone	1.602	6841	8979.66	77.2	13670.40	41842	5.0404 ng/ml
Hydroxyzine	5.683	33906	18020.65	70.0	37543.71	155717	5.0628 ng/ml
Ketamine	4.021	25850	680.04	34.9	632.20	208746	4.8509 ng/ml
Lamotrigine	4.246	22421	38322.49	79.4	1159.67	417005	49.0167 ng/ml
Lorazepam	5.726	16704	289.17	57.2	132.83	195994	4.7681 ng/ml
MDA	3.174	44845	315.82	23.5	833.33	162561	4.8542 ng/ml
MDMA	3.268	29599	50599.59	76.1	256.45	49385	5.0058 ng/ml
Meprobamate	4.882	8513	566.98	30.8	208.77	72193	4.7250 ng/ml
Methadone	5.632	45560	5117.58	59.0	193.68	359095	4.9669 ng/ml
Methamphetamine	3.202	109708	609.63	36.1	1167.45	344599	4.9415 ng/ml
Metoprolol	4.292	4364	660.18	112.9	227.25	644172	4.7667 ng/ml
Mirtazapine	4.614	48187	1904.45	61.5	472.94	240615	4.9130 ng/ml
Mitragynine	5.204	9185	2031.65	40.2	2249.30	359095	5.0384 ng/ml
Morphine	1.240	1229	3807.85	78.5	76.22	3095	4.9898 ng/ml
Norbuprenorphine	4.965	162	61.88	120.9 High	253.92	9946	0.3166 ng/ml
Nordiazepam	5.873	13673	903.84	55.3	179.52	77534	4.9047 ng/ml
Norfentanyl	4.056	6324	59.24	39.5	143.56	487132	0.5031 ng/ml
Norhydrocodone	3.043	1434	41.46	37.0	44.25	21328	5.2453 ng/ml
Noroxycodone	2.886	6379	117.73	47.9	1773.70	37220	5.0005 ng/ml
O-desmethyl-tramadol	3.342	64957	4046.82	6.4	183.43	654057	5.0377 ng/ml
o-desmethylvenlafaxine	4.034	63128	400.00	22.1	307.64	107579	5.0252 ng/ml
Olanzapine	4.434	5398	3906.15	58.0	3052.31	26121	4.8365 ng/ml
Oxazepam	5.729	17104	349.27	68.7	802.15	195994	4.8394 ng/ml
Oxycodone	2.818	15978	426.99	30.8	285.28	128516	4.9178 ng/ml
Oxymorphone	1.399	3817	154.71	46.1	104.40	23427	4.9530 ng/ml
Phentermine	3.751	15648	133.97	3.4	43.55	355203	4.7675 ng/ml
Promethazine	5.523	50845	5842.03	33.1	162.88	476202	5.0027 ng/ml
Pseudoephedrine	2.565	45223	441.01	16.1	522.58	417005	5.0511 ng/ml
Quetiapine	5.533	37891	45707.20	58.9	94.05	104951	4.8873 ng/ml
Sertraline	5.755	8025	669.75	96.3	7939.12	69229	4.9929 ng/ml
Temazepam	5.796	36670	166.08	26.8	34.91	292500	5.1238 ng/ml
Tramadol	4.218	57557	∞	4.0	71.18	644172	4.8452 ng/ml
Trazodone	5.123	32398	40621.68	74.2	24197.97	287072	4.9065 ng/ml
Venlafaxine	5.010	59466	914.64	31.3	105.10	562962	5.0872 ng/ml
Xylazine	4.056	23406	15676.92	47.2	258.88	196927	5.0429 ng/ml
Zolpidem	4.893	50293	540.13	30.1	62.84	454939	4.8607 ng/ml



AM #28 Multi-Drug Quant. Results

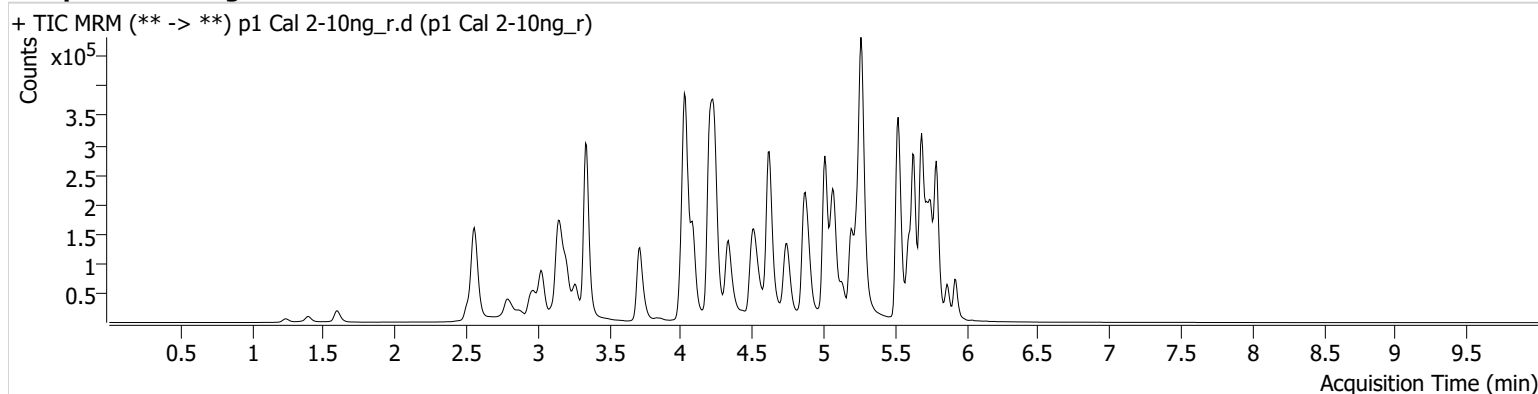
Batch results D:\MassHunter\Data\2024\AM 27 28\100424 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B1
Injection Volume 2
Acq. Date-Time 10/6/2024 9:58:57 AM
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	3.109	1179	806.50	65.5	863.70	27949	1.0030 ng/ml
7-aminoclonazepam	4.237	19229	2687.67	73.7	1578.27	75641	10.9671 ng/ml
9-hydroxyrisperidone	4.617	4169	531.06	3384.4	1887.66	540892	9.8373 ng/ml
a-hydroxyalprazolam	5.671	12042	169.99	61.7	138.87	29101	10.7517 ng/ml
alpha-PHP	4.902	23119	2119.06	253.2	27635.74	256380	10.2699 ng/ml
alpha-PVP	4.342	70303	303.56	54.6	359.77	256380	9.9965 ng/ml
Alprazolam	5.755	36875	2368.06	105.0	530.82	111230	10.2411 ng/ml
Amphetamine	3.026	145288	6696.44	44.5	347.91	124678	10.7715 ng/ml
Benzoylcegonine	3.862	2132	198.60	41.2	153.51	7803	10.1705 ng/ml
Bromazolam	5.786	28034	2175.71	128.7	25318.41	69264	10.1904 ng/ml
Buprenorphine	5.799	1795	668.84	17.0	246.30	72418	0.9737 ng/ml
Bupropion	4.758	83691	663.89	60.7	15038.40	264733	10.1589 ng/ml
Carisoprodol	5.703	33877	143.44	69.6	82.64	167030	9.6623 ng/ml
Citalopram	5.193	68055	422.74	34.8	277.02	302175	10.0394 ng/ml
Clonazepam	5.590	35010	1133.77	32.5	8423.69	42686	10.1904 ng/ml
Clonazolam	5.534	24569	33734.94	35.9	13430.13	42686	11.1270 ng/ml
Cocaine	4.237	54238	26235.96	54.7	45536.24	461703	9.9210 ng/ml
Codeine	2.569	2325	48.46	85.3	3215.39	10172	10.4321 ng/ml
Cyclobenzaprine	5.600	55827	224.11	9.3	260.19	176527	9.9839 ng/ml
Dextromethorphan	5.250	39663	85.98	80.3	128.77	167771	9.7773 ng/ml
Dextrorphan	4.089	23915	973.40	204.2	1175.73	250744	9.8525 ng/ml
Diazepam	5.927	23523	342.35	88.8	777.82	97335	10.0833 ng/ml
Dihydrocodeine	2.541	8683	248.18	58.9	8994.34	57978	10.8310 ng/ml
Diphenhydramine	5.271	147517	18693.37	34.0	137.89	923180	9.8064 ng/ml
Doxylamine	4.518	139462	900.43	91.1	49184.46	517227	10.0345 ng/ml
Duloxetine	5.626	6599	673.73	14.2	170.45	35561	9.8184 ng/ml
EDDP	5.236	40209	301.38	41.8	306.50	188406	10.0693 ng/ml
Etizolam	5.793	22376	23197.17	29.4	1276.94	42686	10.5946 ng/ml
Fentanyl	5.076	6285	717.95	61.1	91.91	319249	0.9539 ng/ml
Fluorofentanyl	5.130	14381	∞	43.7	2990.06	2869	1.0403 ng/ml
Fluoxetine	5.686	77427	48895.30	7.4	6785.91	284803	10.1456 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.009	20458	298.16	40.2	35.32	100020	10.6568 ng/ml
Hydromorphone	1.602	13982	1775.71	79.4	1273.93	44232	9.8448 ng/ml
Hydroxyzine	5.683	71484	41371.33	70.6	89813.94	167771	9.7179 ng/ml
Ketamine	4.021	52009	252.60	36.9	273.18	216300	10.1600 ng/ml
Lamotrigine	4.246	43736	3233.91	79.9	73090.53	447893	101.7607 ng/ml
Lorazepam	5.726	30509	458.89	56.3	77.05	188154	10.2723 ng/ml
MDA	3.174	90734	2194.52	23.4	1317.33	170466	10.2977 ng/ml
MDMA	3.268	61186	3082.79	78.1	2021.36	51829	9.9890 ng/ml
Meprobamate	4.882	16814	223.18	30.9	1614.47	71410	10.8366 ng/ml
Methadone	5.632	100779	980.48	55.9	7274.23	379909	10.2485 ng/ml
Methamphetamine	3.202	160410	3617.98	35.8	406.44	363079	9.9647 ng/ml
Metoprolol	4.292	8936	4098.73	109.9	7408.48	677030	10.1688 ng/ml
Mirtazapine	4.614	100788	2714.74	62.2	42304.27	256380	10.2879 ng/ml
Mitragynine	5.204	19454	77729.01	38.7	412.43	379909	9.8505 ng/ml
Morphine	1.240	2450	377.63	81.1	211.29	3318	9.8845 ng/ml
Norbuprenorphine	4.965	346	602.34	73.8	179.22	10668	0.9830 ng/ml
Nordiazepam	5.873	26705	1997.36	55.2	328.78	74420	10.2428 ng/ml
Norfentanyl	4.048	13514	630.54	37.1	77.10	504339	1.0118 ng/ml
Norhydrocodone	3.043	2964	104.64	46.4	48.38	22811	8.9674 ng/ml
Noroxycodone	2.886	12748	422.46	46.5	241.85	39306	9.9429 ng/ml
O-desmethyl-tramadol	3.342	135028	845.86	6.5	2015.24	693285	9.8945 ng/ml
o-desmethylvenlafaxine	4.034	130234	3845.80	22.3	301.71	113262	9.9346 ng/ml
Olanzapine	4.434	15430	68.07	60.3	408.77	32605	10.8992 ng/ml
Oxazepam	5.729	32981	685.13	70.0	1004.27	188154	10.3516 ng/ml
Oxycodone	2.818	33033	755.68	30.4	316.21	132199	10.0635 ng/ml
Oxymorphone	1.399	7613	327.68	46.4	128.49	23932	10.0638 ng/ml
Phentermine	3.744	33743	74.74	3.5	30.79	372292	10.5814 ng/ml
Promethazine	5.523	114573	1276.91	31.8	433.90	533536	10.0834 ng/ml
Pseudoephedrine	2.565	92626	7208.25	16.2	86.61	447893	9.8720 ng/ml
Quetiapine	5.533	79737	13265.37	58.7	45921.35	111188	10.2468 ng/ml
Sertraline	5.755	23379	839.31	94.0	12980.66	97617	10.0660 ng/ml
Temazepam	5.796	66635	1500.22	29.2	225.19	269781	9.8670 ng/ml
Tramadol	4.218	121198	388.66	3.7	114.70	677030	10.4013 ng/ml
Trazodone	5.130	69906	43437.79	75.3	48179.78	303224	10.1802 ng/ml
Venlafaxine	5.010	121814	3870.61	31.4	279.46	602222	9.7099 ng/ml
Xylazine	4.056	48755	736.14	48.0	110.83	205112	9.9383 ng/ml
Zolpidem	4.886	101614	113732.02	30.4	14958.70	475419	10.0888 ng/ml



AM #28 Multi-Drug Quant. Results

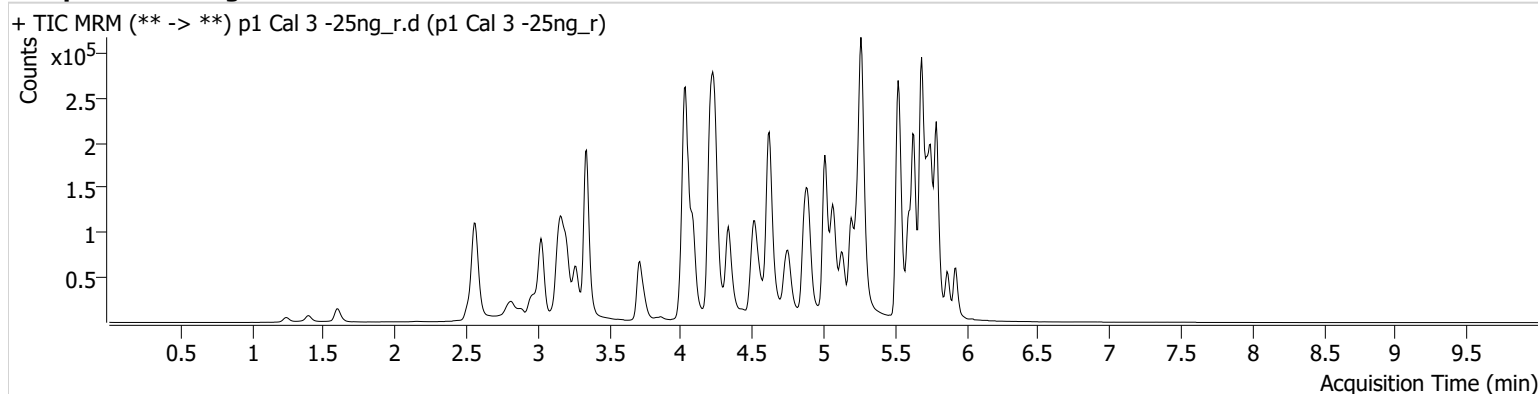
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Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C1
Injection Volume 2
Acq. Date-Time 10/6/2024 10:09:34 AM
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	3.109	1237	2138.32	76.2	991.02	10845	2.6159 ng/ml
7-aminoclonazepam	4.237	23170	623.76	78.7	2245.66	37628	28.4971 ng/ml
9-hydroxyrisperidone	4.624	5143	1357.86	3233.7	4245.91	255789	25.2598 ng/ml
a-hydroxyalprazolam	5.671	15079	279.48	65.8	336.96	15236	26.9679 ng/ml
alpha-PHP	4.902	28115	1377.83	252.2	2424.23	136607	24.5219 ng/ml
alpha-PVP	4.335	92574	6334.52	52.7	302.67	136607	24.8012 ng/ml
Alprazolam	5.748	45983	477.60	105.2	1210.67	57062	25.1241 ng/ml
Amphetamine	3.026	156908	3083.22	45.4	382.51	64923	24.2589 ng/ml
Benzoylcegonine	3.862	2479	141.21	39.4	1624.92	4025	23.6605 ng/ml
Bromazolam	5.786	34898	36.62	131.1	42094.94	34736	26.1753 ng/ml
Buprenorphine	5.799	2347	133.69	18.3	279.81	39005	2.4438 ng/ml
Bupropion	4.758	86033	788.25	60.2	1800.26	113243	24.7601 ng/ml
Carisoprodol	5.703	49136	12458.17	68.9	549.70	96593	23.8234 ng/ml
Citalopram	5.193	85059	4770.10	36.0	566.35	152554	24.8250 ng/ml
Clonazepam	5.590	50273	604.15	31.6	14177.67	24045	27.3961 ng/ml
Clonazolam	5.534	31619	27516.14	38.1	13398.18	24045	26.5379 ng/ml
Cocaine	4.237	69579	7256.43	53.7	296.12	239533	24.7234 ng/ml
Codeine	2.569	3535	74.21	83.4	29920.86	6403	26.8614 ng/ml
Cyclobenzaprine	5.600	74449	480.28	9.6	5284.10	94255	24.7572 ng/ml
Dextromethorphan	5.250	48950	111.44	81.9	157.49	83224	24.3029 ng/ml
Dextrorphan	4.089	28699	955.38	210.4	168559.34	126559	23.9764 ng/ml
Diazepam	5.927	33026	210.03	89.8	305.80	55237	25.3932 ng/ml
Dihydrocodeine	2.541	11743	167.41	68.5	22297.05	31985	27.8229 ng/ml
Diphenhydramine	5.271	183060	310.30	33.8	10412.05	465411	24.1095 ng/ml
Doxylamine	4.518	160337	10812.09	97.2	117438.90	247482	24.4034 ng/ml
Duloxetine	5.626	10993	2552.41	13.3	131.89	23012	25.6256 ng/ml
EDDP	5.236	48439	664.17	40.7	159.61	91843	24.8541 ng/ml
Etizolam	5.793	27353	1802.62	29.5	8699.63	24045	22.3992 ng/ml
Fentanyl	5.076	8258	372.14	59.1	5852.51	170424	2.4176 ng/ml
Fluorofentanyl	5.130	19879	1570.25	45.3	165.32	1578	2.6289 ng/ml
Fluoxetine	5.686	124940	6139.17	7.4	7213.43	190268	24.5584 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.009	24188	40.58	41.6	69.12	49993	25.6741 ng/ml
Hydromorphone	1.602	17416	2297.62	79.1	3167.19	22145	24.6501 ng/ml
Hydroxyzine	5.683	95547	3526.59	67.6	10318.82	83224	25.8499 ng/ml
Ketamine	4.021	67527	4724.87	35.7	328.81	108694	27.4966 ng/ml
Lamotrigine	4.246	57847	45072.83	80.2	3071.20	237914	276.6423 ng/ml
Lorazepam	5.726	45705	2127.06	56.8	207.99	106700	29.3210 ng/ml
MDA	3.174	116055	1314.05	23.7	1149.95	90979	26.0799 ng/ml
MDMA	3.268	76118	88290.18	77.9	3233.89	26103	24.8706 ng/ml
Meprobamate	4.882	20757	163.20	31.1	390.98	39956	25.6058 ng/ml
Methadone	5.632	122441	6247.70	59.0	4324.22	191827	24.4836 ng/ml
Methamphetamine	3.202	151343	∞	35.9	3650.97	179641	26.2690 ng/ml
Metoprolol	4.292	11986	623.70	109.0	3579.81	338879	28.8120 ng/ml
Mirtazapine	4.607	122930	5186.73	62.4	1283.16	136607	24.4112 ng/ml
Mitragynine	5.204	25170	21676.26	39.8	1961.28	191827	24.8715 ng/ml
Morphine	1.240	2975	116.43	82.7	499.07	1618	25.6641 ng/ml
Norbuprenorphine	4.965	367	263.72	100.1	383.22	5431	2.4269 ng/ml
Nordiazepam	5.873	37889	2863.86	55.5	604.46	42602	25.7609 ng/ml
Norfentanyl	4.048	16793	753.30	40.2	75.25	263186	2.3749 ng/ml
Norhydrocodone	3.050	5425	362.97	40.4	52.15	12276	27.4837 ng/ml
Noroxycodone	2.886	15851	544.75	47.1	508.32	20080	24.9720 ng/ml
O-desmethyl-tramadol	3.342	167614	1629.37	6.5	412.34	344525	24.7391 ng/ml
o-desmethylvenlafaxine	4.034	162716	268.11	22.2	1318.39	56423	25.0542 ng/ml
Olanzapine	4.434	13170	6433.15	51.2	324.20	12634	23.8437 ng/ml
Oxazepam	5.729	45383	4778.60	70.8	887.78	106700	26.0111 ng/ml
Oxycodone	2.818	37292	519.95	31.2	352.18	56602	26.8262 ng/ml
Oxymorphone	1.399	9219	505.50	47.3	820.71	11977	24.9373 ng/ml
Phentermine	3.744	40708	150.70	3.6	135.37	187547	26.3593 ng/ml
Promethazine	5.523	152816	866.01	31.7	1680.97	292365	24.5741 ng/ml
Pseudoephedrine	2.572	121357	13072.04	15.7	6386.40	237914	24.7367 ng/ml
Quetiapine	5.533	97485	337.71	58.7	55611.89	54823	26.2156 ng/ml
Sertraline	5.755	46553	4273.92	91.2	65532.59	78193	24.6744 ng/ml
Temazepam	5.796	91698	574.53	29.6	303.29	155071	23.2946 ng/ml
Tramadol	4.211	142542	522.79	4.0	131.72	338879	25.3732 ng/ml
Trazodone	5.130	94217	8558.02	74.2	19559.12	161778	25.9471 ng/ml
Venlafaxine	5.010	153026	507.64	30.8	336.82	295804	24.7793 ng/ml
Xylazine	4.056	60975	5062.95	48.3	531.35	103995	24.2987 ng/ml
Zolpidem	4.886	128540	62573.40	28.7	15311.47	235679	26.8932 ng/ml



AM #28 Multi-Drug Quant. Results

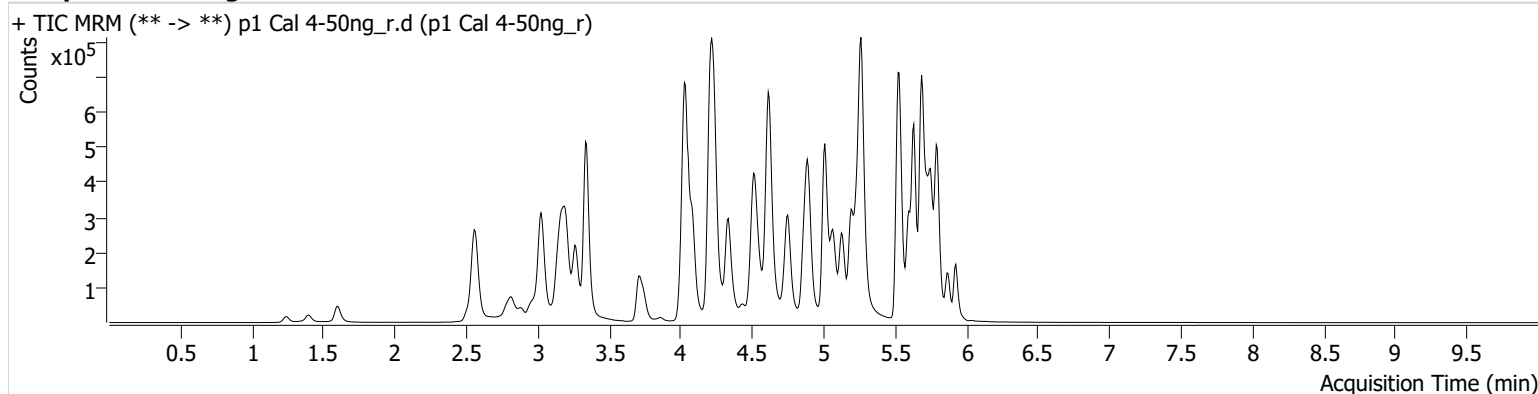
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D1
Injection Volume 2
Acq. Date-Time 10/6/2024 10:20:13 AM
Sample Info.

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	3.109	5936	67298.98	67.6	3726.81	27073	4.9759 ng/ml
7-aminoclonazepam	4.237	64355	4589.24	76.5	567.26	62026	48.9465 ng/ml
9-hydroxyrisperidone	4.617	20192	3600.59	3422.7	3650.12	521304	48.4329 ng/ml
a-hydroxyalprazolam	5.671	52096	297.90	60.3	390.65	26319	54.8360 ng/ml
alpha-PHP	4.902	112560	2318.40	255.0	170225.06	256697	53.2016 ng/ml
alpha-PVP	4.335	348207	9814.26	54.4	4609.79	256697	49.7103 ng/ml
Alprazolam	5.755	176065	1505.95	102.8	1191.62	104697	52.6053 ng/ml
Amphetamine	3.026	652644	321.36	43.6	46227.53	122081	55.8258 ng/ml
Benzoylcegonine	3.855	10187	85.14	39.3	599.16	7027	56.4851 ng/ml
Bromazolam	5.786	120374	88074.15	129.5	146348.08	60874	52.0945 ng/ml
Buprenorphine	5.799	9197	6515.61	15.9	1755.43	73829	5.1204 ng/ml
Bupropion	4.751	404727	17657.33	61.3	922.88	258508	51.2878 ng/ml
Carisoprodol	5.703	167523	1350.79	68.7	1651.84	160662	48.5460 ng/ml
Citalopram	5.193	327514	9132.86	35.6	587.65	286762	50.8306 ng/ml
Clonazepam	5.590	170992	16832.32	32.2	1211.04	43174	52.7151 ng/ml
Clonazepam	5.534	110756	109025.32	38.4	65524.02	43174	52.5975 ng/ml
Cocaine	4.230	264878	431.36	52.8	272.69	451685	50.0445 ng/ml
Codeine	2.569	9641	3325.90	98.3	14489.39	9574	49.9685 ng/ml
Cyclobenzaprine	5.600	257153	542.54	9.1	6935.94	161824	49.6864 ng/ml
Dextromethorphan	5.243	188515	420.82	81.3	646.20	157014	49.5937 ng/ml
Dextrorphan	4.082	113386	13192.52	206.8	3600.11	244079	49.5368 ng/ml
Diazepam	5.927	121269	516.37	88.8	1888.71	99478	52.0902 ng/ml
Dihydrocodeine	2.541	38365	363.21	69.3	218.72	57065	51.6801 ng/ml
Diphenhydramine	5.264	718366	1104.81	34.1	724.51	888114	49.5595 ng/ml
Doxylamine	4.518	702158	288.78	97.0	53785.48	532417	49.8913 ng/ml
Duloxetine	5.626	26910	3697.21	12.5	297.20	29266	49.5303 ng/ml
EDDP	5.236	189455	6083.67	41.5	247.97	180095	49.5534 ng/ml
Etizolam	5.793	102596	4849.44	29.2	1567.98	43174	46.2407 ng/ml
Fentanyl	5.069	31075	143.18	59.9	43046.25	313156	5.0010 ng/ml
Fluorofentanyl	5.130	67874	2123.39	46.9	893.43	2979	4.7598 ng/ml
Fluoxetine	5.686	317505	335610.68	7.3	77307.71	238838	49.7559 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	96416	67.60	42.0	717.53	99221	51.9085 ng/ml
Hydromorphone	1.602	67963	113557.26	78.3	2140.54	41969	50.8682 ng/ml
Hydroxyzine	5.683	340124	143783.63	71.8	20689.69	157014	48.5988 ng/ml
Ketamine	4.014	250060	7074.95	36.5	23783.53	216564	51.7810 ng/ml
Lamotrigine	4.246	165530	11174.70	82.2	226787.22	429403	447.7450 ng/ml
Lorazepam	5.726	118334	3960.94	59.2	557.83	162471	50.7869 ng/ml
MDA	3.167	398933	14873.10	23.6	7762.39	157390	52.8106 ng/ml
MDMA	3.268	302699	4273.77	78.1	404.55	51976	49.8029 ng/ml
Meprobamate	4.882	75422	5395.97	29.6	162.13	69185	55.2767 ng/ml
Methadone	5.632	468378	2011.71	58.3	10843.30	363129	49.3486 ng/ml
Methamphetamine	3.202	534758	19083.40	35.7	62414.38	361035	52.2599 ng/ml
Metoprolol	4.292	44161	3678.60	107.1	190.74	672777	54.2677 ng/ml
Mirtazapine	4.607	489896	3479.97	63.3	36198.06	256697	52.5200 ng/ml
Mitragynine	5.204	97706	77873.63	39.6	1697.86	363129	50.7547 ng/ml
Morphine	1.240	10889	6715.69	83.9	855.11	3032	50.7918 ng/ml
Norbuprenorphine	4.965	1412	127.45	87.9	519.62	10916	4.9726 ng/ml
Nordiazepam	5.873	127980	1281.65	56.5	796.97	74600	49.9271 ng/ml
Norfentanyl	4.048	61846	867.13	39.5	264.44	471297	4.8579 ng/ml
Norhydrocodone	3.037	16299	201.03	43.5	200.21	23250	42.8598 ng/ml
Noroxycodone	2.886	60365	958.25	47.8	7406.85	37675	51.2421 ng/ml
O-desmethyl-tramadol	3.342	676676	917.72	6.4	1754.67	692873	49.6775 ng/ml
o-desmethylvenlafaxine	4.034	606347	41956.55	22.6	2201.90	108058	48.8364 ng/ml
Olanzapine	4.434	80824	868.12	58.4	1742.54	37626	48.9904 ng/ml
Oxazepam	5.729	138603	236.15	69.9	403.01	162471	52.8004 ng/ml
Oxycodone	2.811	159951	5057.94	30.1	738.91	130965	49.8806 ng/ml
Oxymorphone	1.399	35900	212.91	46.1	∞	22118	53.0421 ng/ml
Phentermine	3.744	161146	531.43	3.3	235.70	365977	54.2245 ng/ml
Promethazine	5.523	528547	1322.54	32.4	1241.01	506264	49.1058 ng/ml
Pseudoephedrine	2.565	432959	568.19	16.2	9782.87	429403	49.1548 ng/ml
Quetiapine	5.533	372992	5078.32	60.4	17159.14	109235	50.8445 ng/ml
Sertraline	5.755	83128	4496.55	93.4	27504.39	68485	50.0620 ng/ml
Temazepam	5.796	288495	11020.83	29.7	1429.92	231214	48.8927 ng/ml
Tramadol	4.211	592257	2064.31	3.8	172.21	672777	53.8582 ng/ml
Trazodone	5.123	353265	246183.70	73.6	365660.04	308824	51.1103 ng/ml
Venlafaxine	5.010	606535	6658.35	30.5	1626.17	590952	49.1282 ng/ml
Xylazine	4.049	238673	156537.92	49.0	3184.01	198329	49.7175 ng/ml
Zolpidem	4.886	508741	1058172.31	29.7	306722.21	479708	52.9924 ng/ml



AM #28 Multi-Drug Quant. Results

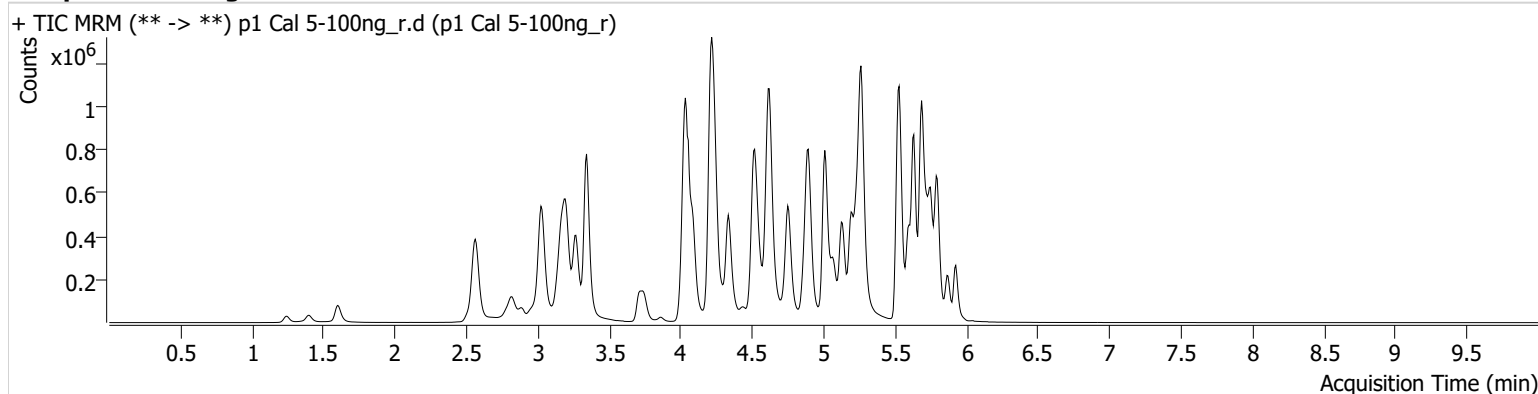
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-E1
Injection Volume 2
Acq. Date-Time 10/6/2024 10:30:50 AM
Sample Info.

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	3.109	11289	1076.51	74.9	13265.92	26273	9.6979 ng/ml
7-aminoclonazepam	4.237	81516	5625.28	75.8	4875.02	45699	85.1263 ng/ml
9-hydroxyrisperidone	4.624	39773	5091.60	3419.2	3700.57	511361	97.0069 ng/ml
a-hydroxyalprazolam	5.671	85226	7951.47	62.0	574.40	24391	97.4876 ng/ml
alpha-PHP	4.902	218236	2085.87	255.1	17762.14	254108	105.0106 ng/ml
alpha-PVP	4.335	696348	812.89	54.4	988.36	254108	100.4912 ng/ml
Alprazolam	5.748	330681	1098.82	106.3	2056.27	101948	101.6156 ng/ml
Amphetamine	3.026	1168775	31970.70	44.2	58940.12	118908	104.1402 ng/ml
Benzoylcegonine	3.862	20382	17257.31	42.0	1585.26	8032	99.2966 ng/ml
Bromazolam	5.786	207114	160901.93	131.4	2992.54	52751	104.0214 ng/ml
Buprenorphine	5.799	17204	13181.57	14.5	2907.39	72931	9.7463 ng/ml
Bupropion	4.751	806235	60327.01	60.8	14241.60	256576	103.1860 ng/ml
Carisoprodol	5.703	298275	283905.65	69.1	4371.98	143025	96.8225 ng/ml
Citalopram	5.193	626041	1588.21	35.4	200.84	279996	99.4911 ng/ml
Clonazepam	5.590	297708	36839.44	31.8	∞	38063	104.9971 ng/ml
Clonazolam	5.534	190734	149814.44	39.2	79448.85	38063	103.5695 ng/ml
Cocaine	4.237	496135	486.34	54.0	374.71	426908	99.3046 ng/ml
Codeine	2.569	20983	54.10	78.6	91068.28	9819	107.3594 ng/ml
Cyclobenzaprine	5.600	421317	2139.51	9.1	181.13	131014	100.4272 ng/ml
Dextromethorphan	5.243	361551	499.52	78.4	613.39	149813	99.6725 ng/ml
Dextrorphan	4.089	220960	1563.57	210.9	34589.50	237840	99.4674 ng/ml
Diazepam	5.927	234127	2300.55	89.6	2644.41	97608	102.7876 ng/ml
Dihydrocodeine	2.541	71730	105.45	67.8	92.60	56890	97.6895 ng/ml
Diphenhydramine	5.264	1369338	1937.29	34.2	1468.68	847581	98.9677 ng/ml
Doxylamine	4.518	1449263	201477.92	97.0	1845.93	546104	100.6065 ng/ml
Duloxetine	5.626	34692	12266.07	11.8	4391.58	18677	100.2807 ng/ml
EDDP	5.236	361927	9635.45	42.0	6601.59	170169	100.1661 ng/ml
Etizolam	5.793	188541	61121.11	30.0	89226.89	38063	95.8383 ng/ml
Fentanyl	5.076	58979	123787.40	60.5	42859.00	297077	10.0533 ng/ml
Fluorofentanyl	5.130	120831	4877.93	47.5	11153.69	2504	10.0924 ng/ml
Fluoxetine	5.686	401466	960.82	7.6	3325.39	158737	94.6940 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	187435	224.29	41.4	86.44	97760	102.7521 ng/ml
Hydromorphone	1.602	131591	1259.90	77.9	1391.24	40823	101.3618 ng/ml
Hydroxyzine	5.683	630955	17160.23	71.8	14769.14	149813	94.3017 ng/ml
Ketamine	4.021	476352	241240.12	36.5	2376.08	214516	100.3079 ng/ml
Lamotrigine	4.246	255257	15482.11	82.7	131.85	396741	757.7343 ng/ml
Lorazepam	5.719	177421	5827.44	58.9	380.69	125914	99.4972 ng/ml
MDA	3.167	718114	5836.48	23.4	219.62	144976	104.1604 ng/ml
MDMA	3.268	601014	104948.28	77.9	7798.86	50809	101.2927 ng/ml
Meprobamate	4.882	130683	26994.44	29.9	2666.51	64978	103.1666 ng/ml
Methadone	5.632	908385	1000.03	57.4	4372.55	350189	99.1181 ng/ml
Methamphetamine	3.202	983029	16812.23	36.6	452.76	370212	100.0389 ng/ml
Metoprolol	4.292	83333	106011.73	109.3	1727.80	678444	102.3587 ng/ml
Mirtazapine	4.607	970695	10326.47	62.3	37647.14	254108	105.7948 ng/ml
Mitragynine	5.204	182414	271.36	39.5	77551.51	350189	98.0379 ng/ml
Morphine	1.247	20523	1058.32	84.3	173.22	2841	102.8629 ng/ml
Norbuprenorphine	4.965	2679	2646.91	79.8	∞	10436	10.2132 ng/ml
Nordiazepam	5.873	237531	6309.57	54.6	2105.83	67287	103.0040 ng/ml
Norfentanyl	4.048	113885	1587.16	38.6	444.99	424220	9.9120 ng/ml
Norhydrocodone	3.043	35394	112.05	41.9	119.74	23296	91.4218 ng/ml
Noroxycodone	2.886	115449	1485.95	46.4	17043.83	36572	101.4800 ng/ml
O-desmethyl-tramadol	3.342	1346424	50090.23	6.5	5179.71	681937	100.4477 ng/ml
o-desmethylvenlafaxine	4.034	1171574	17487.54	22.3	3587.92	102669	99.4087 ng/ml
Olanzapine	4.434	104888	592.94	56.5	977.14	24361	98.0584 ng/ml
Oxazepam	5.729	209396	14836.07	74.5	483.13	125914	103.5218 ng/ml
Oxycodone	2.818	311457	1211.03	30.6	1639.16	129043	98.7473 ng/ml
Oxymorphone	1.399	64315	290.61	48.1	419.74	20578	102.5215 ng/ml
Phentermine	3.744	300828	385.70	3.4	107.16	369297	100.9380 ng/ml
Promethazine	5.523	918065	1078.70	31.9	978.74	427174	101.1098 ng/ml
Pseudoephedrine	2.572	809687	1197.92	16.3	19239.72	396741	99.7639 ng/ml
Quetiapine	5.533	710052	157183.56	60.7	25431.72	107007	99.3219 ng/ml
Sertraline	5.755	94454	4813.41	94.8	513193.61	38486	100.9836 ng/ml
Temazepam	5.796	430553	2506.34	30.2	1898.93	178443	94.3276 ng/ml
Tramadol	4.211	1121153	2409.72	3.9	368.44	678444	101.7095 ng/ml
Trazodone	5.123	681755	436.67	73.0	118.41	298923	102.0533 ng/ml
Venlafaxine	5.010	1223300	1421.91	30.4	963.19	581124	100.7244 ng/ml
Xylazine	4.049	474283	611.56	48.6	435.87	194382	100.6525 ng/ml
Zolpidem	4.886	1006884	60510.37	29.6	159833.04	476571	106.3061 ng/ml



AM #28 Multi-Drug Quant. Results

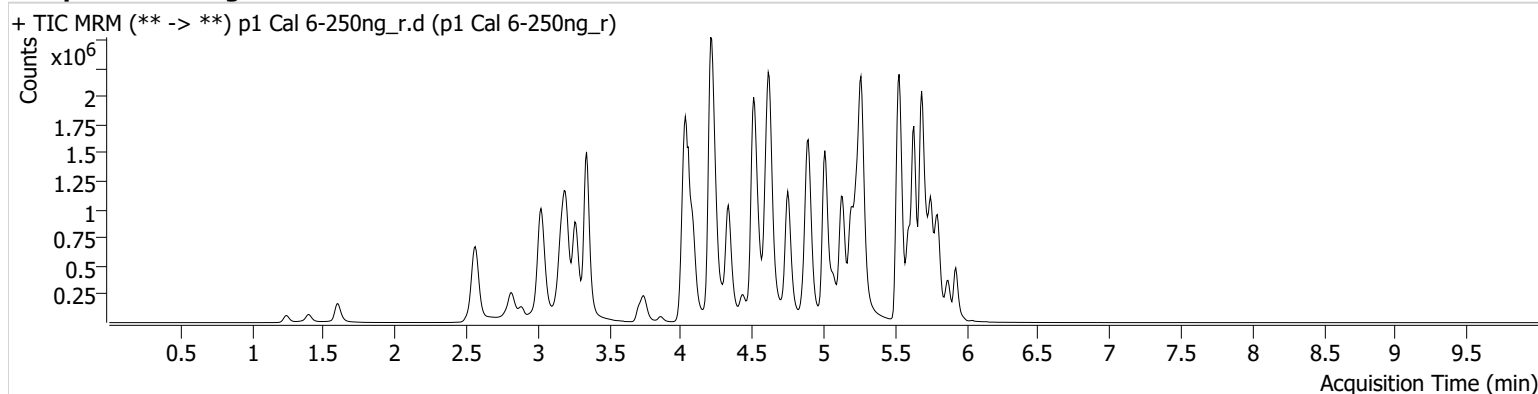
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Sample Position P6-F1
Injection Volume 2
Acq. Date-Time 10/6/2024 10:41:28 AM
Sample Info.

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	3.109	27925	∞	70.3	26638.27	26434	23.7600 ng/ml
7-aminoclonazepam	4.230	100480	5288.03	86.2	4054.28	29563	163.4336 ng/ml
9-hydroxyrisperidone	4.617	98584	4588.88	3333.2	3160.57	484658	253.2928 ng/ml
α-hydroxyalprazolam	5.671	142636	259.11	64.3	317.11	17524	228.2937 ng/ml
α-PHP	4.902	496130	10858.03	254.6	943.30	246278	247.4542 ng/ml
α-PVP	4.335	1675081	920.79	54.6	726.11	246278	249.5166 ng/ml
Alprazolam	5.748	671606	2172.57	104.9	952.31	84086	250.4558 ng/ml
Amphetamine	3.026	2304201	68898.16	44.4	130391.61	117568	209.4244 ng/ml
Benzoylcegonine	3.862	50476	1864.45	40.0	110.80	8207	241.5141 ng/ml
Bromazolam	5.786	367419	241330.42	132.2	482736.54	40084	243.6388 ng/ml
Buprenorphine	5.799	40158	30180.93	14.4	4465.72	65323	25.4911 ng/ml
Bupropion	4.751	1920629	116908.21	60.5	479.24	247837	254.8408 ng/ml
Carisoprodol	5.703	511827	31999.23	69.7	764.42	98649	240.4747 ng/ml
Citalopram	5.193	1436412	1235.45	35.5	1222.78	254191	251.4203 ng/ml
Clonazepam	5.583	475507	10488.65	31.7	6875.87	27222	235.6277 ng/ml
Clonazepam	5.534	309758	295536.51	40.2	79833.66	27222	236.2958 ng/ml
Cocaine	4.230	1102051	527.31	53.7	777.86	374691	251.5225 ng/ml
Codeine	2.569	41888	184.34	83.6	2750.40	9415	224.7990 ng/ml
Cyclobenzaprine	5.600	1044381	34586.77	9.3	684.16	131654	247.5581 ng/ml
Dextromethorphan	5.243	806264	5636.51	79.3	3109.06	133065	250.2239 ng/ml
Dextrorphan	4.089	504288	1952.59	206.2	4078.47	213727	253.2380 ng/ml
Diazepam	5.927	497887	6422.67	87.5	519.38	85038	251.3336 ng/ml
Dihydrocodeine	2.534	154559	10543.54	72.2	18838.41	55718	215.9760 ng/ml
Diphenhydramine	5.264	3173695	1144.22	34.0	14263.12	767680	253.2189 ng/ml
Doxylamine	4.511	3662231	619218.45	95.5	111965.58	547098	254.0842 ng/ml
Duloxetine	5.626	90188	48012.65	12.1	557.51	19434	250.8731 ng/ml
EDDP	5.229	907324	991.77	42.1	1693.85	169858	251.5375 ng/ml
Etizolam	5.793	387024	6326.54	29.7	3072.76	27222	274.1389 ng/ml
Fentanyl	5.076	157872	9972.88	60.4	528.24	314973	25.4540 ng/ml
Fluorofentanyl	5.130	314835	15710.47	47.8	19143.47	2627	25.0796 ng/ml
Fluoxetine	5.686	1033038	1965.32	7.5	∞	153333	252.3126 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	435131	724.09	43.1	∞	95121	245.6279 ng/ml
Hydromorphone	1.602	313908	684822.56	78.2	1331609.24	39282	251.4379 ng/ml
Hydroxyzine	5.683	1485587	89199.75	73.4	84310.59	133065	249.6525 ng/ml
Ketamine	4.014	1027769	2113.91	36.1	1549.09	198898	234.4611 ng/ml
Lamotrigine	4.246	393956	533.51	81.7	42695.35	353486	1324.0039 ng/ml
Lorazepam	5.719	232596	2086.10	58.5	959.98	74112	223.2440 ng/ml
MDA	3.167	1387099	23657.43	23.2	4197.71	125370	233.8956 ng/ml
MDMA	3.268	1412968	139427.80	77.5	59961.82	47951	252.5297 ng/ml
Meprobamate	4.875	223239	1696.42	30.3	392.38	56931	202.4806 ng/ml
Methadone	5.632	2121115	117525.44	58.4	3199.73	326984	247.6824 ng/ml
Methamphetamine	3.202	2238882	57642.50	36.3	1300.35	367717	239.7495 ng/ml
Metoprolol	4.292	178454	117611.26	109.3	740.87	637802	234.3542 ng/ml
Mirtazapine	4.600	2268485	282.80	62.2	238480.34	246278	256.0426 ng/ml
Mitragynine	5.204	435773	197457.16	39.0	138543.93	326984	250.4580 ng/ml
Morphine	1.240	46842	4719.88	83.9	2099.23	2731	245.2686 ng/ml
Norbuprenorphine	4.958	6536	17590.77	84.7	6936.02	10336	25.6829 ng/ml
Nordiazepam	5.873	453304	9324.32	56.0	8774.40	53156	249.1901 ng/ml
Norfentanyl	4.048	228385	1901.58	38.4	755.69	321621	26.1775 ng/ml
Norhydrocodone	3.043	92575	291.27	41.7	836.27	22107	249.7829 ng/ml
Noroxycodone	2.886	262304	1582.38	46.9	2488.08	33598	251.7642 ng/ml
O-desmethyl-tramadol	3.342	3295011	2334.79	6.3	18640.66	663165	252.8008 ng/ml
o-desmethylvenlafaxine	4.034	2440547	73422.65	22.1	1072.51	83845	253.7155 ng/ml
Olanzapine	4.434	440289	1559.92	57.9	3257.74	40407	247.9561 ng/ml
Oxazepam	5.729	297582	282.63	70.9	510.31	74112	250.8359 ng/ml
Oxycodone	2.811	760966	723.76	30.8	1095.28	128574	242.4033 ng/ml
Oxymorphone	1.392	156600	436.09	46.4	895.89	20814	247.3789 ng/ml
Phentermine	3.744	657613	1584.60	3.2	668.67	354295	230.9289 ng/ml
Promethazine	5.523	2303600	6980.52	32.7	11928.33	437682	247.6441 ng/ml
Pseudoephedrine	2.565	1784438	79213.60	16.3	100.86	353486	247.1597 ng/ml
Quetiapine	5.533	1583519	73433.68	60.2	39676.83	97809	243.1180 ng/ml
Sertraline	5.755	263612	20567.80	95.3	75403.78	43180	250.8508 ng/ml
Temazepam	5.803	658888	59940.69	29.0	590.88	104289	246.6119 ng/ml
Tramadol	4.211	2539857	∞	4.0	608.76	637802	246.0696 ng/ml
Trazodone	5.123	1674316	55555.77	75.8	2613.09	310355	241.6058 ng/ml
Venlafaxine	5.010	2894958	6062.81	30.3	1091.53	554955	249.5546 ng/ml
Xylazine	4.049	1101299	88490.28	49.3	6122.60	179356	253.0745 ng/ml
Zolpidem	4.886	2305821	5438.11	29.5	181149.68	465189	250.3996 ng/ml



AM #28 Multi-Drug Quant. Results

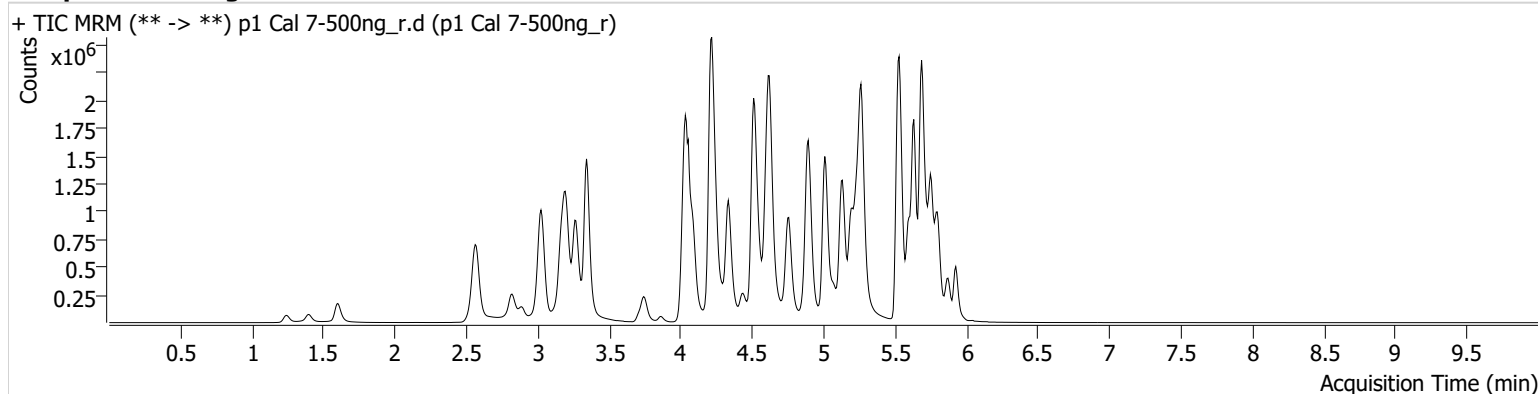
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Sample Position P6-G1
Injection Volume 2
Acq. Date-Time 10/6/2024 10:52:06 AM
Sample Info.

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	3.109	26876	448.97	68.1	37495.96	11223	53.7873 ng/ml
7-aminoclonazepam	4.230	113502	3697.22	76.5	1142.02	16194	338.4587 ng/ml
9-hydroxyrisperidone	4.624	99719	1995.83	3474.7	4376.20	247715	501.0315 ng/ml
a-hydroxyalprazolam	5.664	154230	647.93	63.4	∞	9417	460.2767 ng/ml
alpha-PHP	4.902	496370	2373.89	254.9	162.65	134862	452.8038 ng/ml
alpha-PVP	4.335	1840555	23501.03	53.6	1052.52	134862	500.7309 ng/ml
Alprazolam	5.748	666087	1167.35	104.3	1035.85	42372	493.0884 ng/ml
Amphetamine	3.026	2098806	219.74	44.6	60500.50	62179	361.9737 ng/ml
Benzoylcegonine	3.862	54198	1126.87	39.7	587.14	4348	490.0410 ng/ml
Bromazolam	5.786	391616	349933.90	134.8	375691.45	21537	483.8972 ng/ml
Buprenorphine	5.799	41515	46221.90	14.9	8466.29	33945	50.7664 ng/ml
Bupropion	4.758	1708562	23162.90	60.9	97026.52	114210	492.1785 ng/ml
Carisoprodol	5.703	517006	400739.07	69.2	788.97	47477	504.4264 ng/ml
Citalopram	5.193	1505280	1316.16	35.3	844.86	133749	500.7144 ng/ml
Clonazepam	5.583	476810	13569.93	32.1	920.95	14769	436.2634 ng/ml
Clonazolam	5.534	307502	200499.82	40.5	67051.87	14769	433.0770 ng/ml
Cocaine	4.230	1174617	928.86	53.2	549700.31	201514	498.5994 ng/ml
Codeine	2.569	51280	476.77	101.6	1937.66	5483	473.8740 ng/ml
Cyclobenzaprine	5.600	1276402	94877.94	9.3	221.36	78123	509.7441 ng/ml
Dextromethorphan	5.243	871215	1024.14	78.6	1567.99	70211	512.4130 ng/ml
Dextrorphan	4.089	526534	743.84	208.7	67291.79	112234	503.9089 ng/ml
Diazepam	5.927	539622	319.84	90.1	454.18	47330	489.7044 ng/ml
Dihydrocodeine	2.534	198268	13621.48	65.6	986.28	31158	496.5657 ng/ml
Diphenhydramine	5.271	3348244	71798.06	34.3	1023.96	407753	502.9376 ng/ml
Doxylamine	4.511	3757318	155074.74	95.9	1513.38	283200	503.8010 ng/ml
Duloxetine	5.626	154460	5490.45	12.5	1351.15	16591	503.4999 ng/ml
EDDP	5.236	926428	26847.03	42.4	354.04	87338	499.4809 ng/ml
Etizolam	5.793	408908	5920.70	29.6	108880.05	14769	533.3701 ng/ml
Fentanyl	5.076	178812	31926.56	61.1	39647.53	181595	50.0516 ng/ml
Fluorofentanyl	5.130	387110	10364.91	47.3	26638.43	1688	47.9854 ng/ml
Fluoxetine	5.686	1689436	1412.64	7.4	83229.22	123236	513.4471 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.002	457769	163.71	41.8	161.40	49629	495.6241 ng/ml
Hydromorphone	1.602	333873	869922.22	77.8	562981.01	20949	501.5677 ng/ml
Hydroxyzine	5.683	1598919	53252.23	72.1	176370.72	70211	509.0323 ng/ml
Ketamine	4.014	1092222	785.36	36.2	7505.99	105911	468.7060 ng/ml
Lamotrigine	4.246	432202	46708.29	82.6	65704.08	191476	2697.5623 ng/ml
Lorazepam	5.719	238508	2068.42	59.4	635.31	39512	430.6030 ng/ml
MDA	3.167	1462851	38538.83	23.0	365.64	67166	461.3992 ng/ml
MDMA	3.268	1482839	544.71	77.1	24574.31	25274	502.9273 ng/ml
Meprobamate	4.882	233613	2337.37	29.7	123.38	30943	391.1540 ng/ml
Methadone	5.632	2265142	48119.24	58.1	50522.47	169965	508.7222 ng/ml
Methamphetamine	3.202	2304737	45243.48	35.8	727.15	192202	479.9462 ng/ml
Metoprolol	4.292	194231	641.64	109.5	13440.49	319707	509.9496 ng/ml
Mirtazapine	4.607	2369667	4470.50	63.0	4926.16	134862	489.0319 ng/ml
Mitragynine	5.204	468648	1197230.95	40.1	299508.65	169965	517.9363 ng/ml
Morphine	1.240	52461	603.02	83.0	488.56	1483	506.3410 ng/ml
Norbuprenorphine	4.965	6986	18496.23	86.0	743.33	5592	51.0829 ng/ml
Nordiazepam	5.873	506843	22037.96	55.0	2874.68	30627	483.8041 ng/ml
Norfentanyl	4.056	243513	9039.94	38.4	391.35	175569	51.1067 ng/ml
Norhydrocodone	3.043	114753	536.12	40.5	194.41	12746	535.5472 ng/ml
Noroxycodone	2.886	274002	4725.04	48.3	341.94	18375	481.3593 ng/ml
O-desmethyl-tramadol	3.342	3470896	132112.20	6.4	10911.86	352794	500.5847 ng/ml
o-desmethylvenlafaxine	4.034	2628065	26564.20	22.2	14338.89	45329	505.4473 ng/ml
Olanzapine	4.434	478428	1123.30	57.5	2251.61	21923	496.4638 ng/ml
Oxazepam	5.729	297474	6259.65	73.1	139.48	39512	470.8625 ng/ml
Oxycodone	2.818	738648	2202.05	30.8	572.86	57923	522.5009 ng/ml
Oxymorphone	1.392	175400	∞	46.0	186.32	11731	492.0345 ng/ml
Phentermine	3.744	695122	842.11	3.2	144.49	189041	458.2019 ng/ml
Promethazine	5.523	2878215	3183.62	32.7	1025.56	270883	499.9658 ng/ml
Pseudoephedrine	2.572	1992034	217.62	15.9	75124.63	191476	509.6477 ng/ml
Quetiapine	5.533	1630479	70912.72	60.7	722022.88	50715	483.3221 ng/ml
Sertraline	5.755	605078	14023.04	92.4	35819.55	48962	507.5456 ng/ml
Temazepam	5.803	698311	770.77	29.8	1217.60	53238	511.7452 ng/ml
Tramadol	4.211	2669712	842.74	3.9	211.27	319707	516.7547 ng/ml
Trazodone	5.123	1878542	91238.13	76.1	127495.22	176495	476.8161 ng/ml
Venlafaxine	5.010	3037946	64989.50	30.4	940.34	285806	508.4624 ng/ml
Xylazine	4.049	1170862	96069.85	49.6	13325.88	95453	505.4175 ng/ml
Zolpidem	4.886	2397989	4488.63	29.5	54974.71	242383	500.5218 ng/ml



AM #28 Multi-Drug Quant. Results

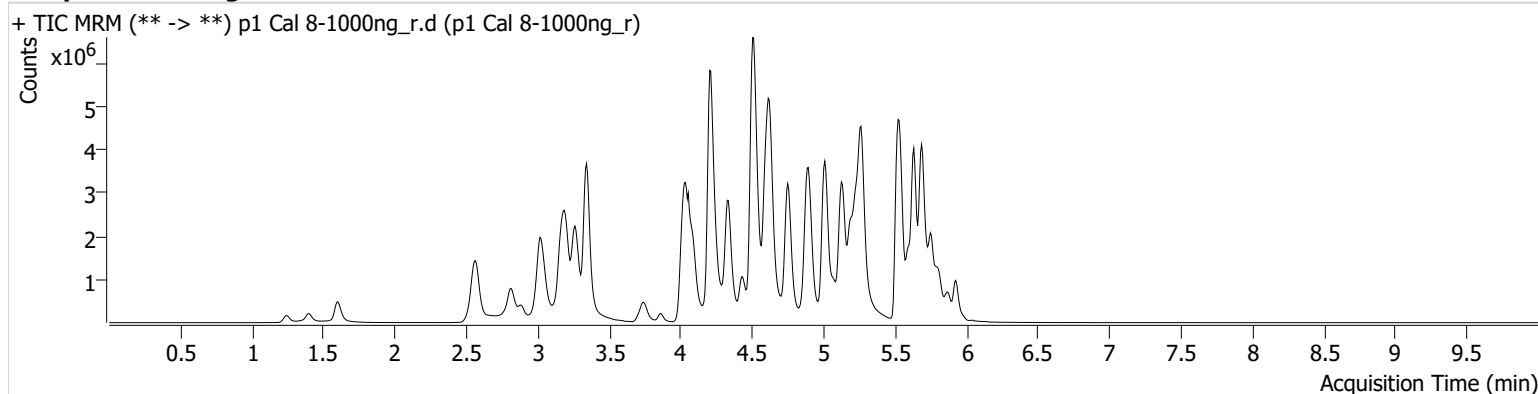
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Calibration Last Update 10/8/2024 11:00:27 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H1
Injection Volume 2
Acq. Date-Time 10/6/2024 11:02:45 AM
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	3.109	90592	211164.45	70.2	1486.19	21013	96.7894 ng/ml
7-aminoclonazepam	4.244	116917	3169.29	76.8	2645.07	7925	713.9598 ng/ml
9-hydroxyrisperidone	4.617	287064	359729.95	3399.5	16557.11	342891	1041.7214 ng/ml
a-hydroxyalprazolam	5.664	191000	119.45	61.6	457.09	7663	700.9536 ng/ml
alpha-PHP	4.902	1214845	6664.18	263.8	79705.93	195097	766.6487 ng/ml
alpha-PVP	4.335	5357362	7245.35	54.5	3515.16	195097	1007.5700 ng/ml
Alprazolam	5.748	1357235	614.08	104.0	456.51	45623	933.2945 ng/ml
Amphetamine	3.026	4772839	69588.50	44.9	129047.55	97398	526.3129 ng/ml
Benzoylcegonine	3.855	224039	29786.91	39.0	495.42	9020	977.1593 ng/ml
Bromazolam	5.786	608440	64189.33	133.3	443861.72	17357	933.4524 ng/ml
Buprenorphine	5.806	100682	81644.13	14.6	17798.01	41853	99.9131 ng/ml
Bupropion	4.751	6090377	748574.55	60.7	2356.38	212647	942.5069 ng/ml
Carisoprodol	5.703	780068	197.19	69.0	307.10	31682	1140.1687 ng/ml
Citalopram	5.186	3470649	174849.07	35.0	20215.81	156525	986.4631 ng/ml
Clonazepam	5.577	578421	15482.85	31.5	1626.96	11474	681.7567 ng/ml
Clonazepam	5.547	377416	319499.47	40.2	159700.72	11474	684.7178 ng/ml
Cocaine	4.230	2758514	183698.64	52.2	527.84	232390	1015.4879 ng/ml
Codeine	2.562	102601	127.79	93.7	100.31	7677	677.6228 ng/ml
Cyclobenzaprine	5.600	2727679	149545.03	8.8	37604.33	85054	1000.4410 ng/ml
Dextromethorphan	5.236	1970734	3106.61	78.0	86884.15	79903	1018.5007 ng/ml
Dextrorphan	4.089	1373488	1510.37	206.7	1911.80	142838	1033.2599 ng/ml
Diazepam	5.927	1211225	1430.18	88.8	3434.37	55719	933.9740 ng/ml
Dihydrocodeine	2.527	450764	16070.88	72.8	∞	52218	673.9452 ng/ml
Diphenhydramine	5.264	8357826	3098.86	34.4	7675.74	493312	1037.6660 ng/ml
Doxylamine	4.513	12769891	407094.81	95.0	1203.28	489919	989.9753 ng/ml
Duloxetine	5.619	175961	5593.17	12.4	836.18	9669	984.4165 ng/ml
EDDP	5.229	3009303	1163.90	41.7	587.93	141320	1002.6784 ng/ml
Etizolam	5.793	885197	14874.68	29.4	325803.43	11474	1485.3648 ng/ml
Fentanyl	5.069	640980	3703.34	62.8	20735.30	317869	102.5496 ng/ml
Fluorofentanyl	5.130	993198	52121.91	50.8	6262.21	2059	100.9861 ng/ml
Fluoxetine	5.686	2305980	154253.26	7.4	108537.06	84174	1026.0898 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.995	1423360	1763.25	43.8	773.83	84031	910.4443 ng/ml
Hydromorphone	1.602	1028061	8645.50	79.4	4249277.26	32966	981.5592 ng/ml
Hydroxyzine	5.683	3754119	1443217.59	74.4	256209.32	79903	1049.9895 ng/ml
Ketamine	4.007	2325858	990.47	36.7	1243.77	147983	714.7477 ng/ml
Lamotrigine	4.246	468662	224.09	80.6	1690.38	235786	2373.5470 ng/ml
Lorazepam	5.719	311564	453.66	57.1	425.32	20591	1081.4197 ng/ml
MDA	3.160	2678768	26433.62	23.0	2591.46	78853	720.2438 ng/ml
MDMA	3.261	3865708	206830.36	77.2	135973.83	33813	980.1454 ng/ml
Meprobamate	4.868	335601	12974.86	29.7	4341.04	37877	459.2842 ng/ml
Methadone	5.632	6001625	3610.27	59.0	2856.92	225437	1016.0963 ng/ml
Methamphetamine	3.195	6178895	51026.40	35.5	137753.07	351532	707.2502 ng/ml
Metoprolol	4.292	463067	986006.08	107.7	193758.78	479575	811.0373 ng/ml
Mirtazapine	4.593	6315989	238147.07	62.4	4727.03	195097	901.5766 ng/ml
Mitragynine	5.204	1175480	143170.62	40.4	114796.06	225437	979.2326 ng/ml
Morphine	1.240	143458	∞	82.7	5653.40	2166	948.8124 ng/ml
Norbuprenorphine	4.958	22581	19469.80	81.6	6477.08	9440	98.1384 ng/ml
Nordiazepam	5.873	844350	862.63	55.9	7091.34	25419	971.3831 ng/ml
Norfentanyl	4.056	372805	1469.15	38.3	3208.04	105442	130.2388 ng/ml
Norhydrocodone	3.043	286585	∞	42.6	152.49	15296	1113.1985 ng/ml
Noroxycodone	2.879	781637	6120.77	44.1	1469.11	25315	997.3140 ng/ml
O-desmethyl-tramadol	3.342	10389870	307192.18	6.4	84866.14	527046	1003.0550 ng/ml
o-desmethylvenlafaxine	4.027	4767098	88285.85	22.6	25194.68	41449	1002.7589 ng/ml
Olanzapine	4.428	1960718	541.51	58.3	461.43	42724	1043.8933 ng/ml
Oxazepam	5.729	302759	17116.88	73.0	9733.57	20591	920.2154 ng/ml
Oxycodone	2.811	2621916	2293.00	30.6	1221.31	114625	937.3506 ng/ml
Oxymorphone	1.392	534033	1044.07	46.2	∞	18586	945.8824 ng/ml
Phentermine	3.744	1656458	820.60	3.2	2830.88	304914	677.2990 ng/ml
Promethazine	5.516	7128590	23743.12	32.0	30719.62	327437	1024.4338 ng/ml
Pseudoephedrine	2.565	4929519	133491.84	15.9	186.72	235786	1024.4387 ng/ml
Quetiapine	5.533	3626746	70772.72	61.4	4248810.53	69662	783.0070 ng/ml
Sertraline	5.755	626578	789.83	96.5	687.80	26299	978.2763 ng/ml
Temazepam	5.810	871740	8677.34	27.3	4530.91	30205	1125.6972 ng/ml
Tramadol	4.204	6691012	∞	4.2	547.06	479575	863.8549 ng/ml
Trazodone	5.123	5049594	165076.94	77.9	112206.04	310585	728.4268 ng/ml
Venlafaxine	5.010	8876740	126037.18	30.0	971.11	418150	1015.4456 ng/ml
Xylazine	4.042	3282230	191742.90	49.9	66446.17	134998	1001.6441 ng/ml
Zolpidem	4.886	6597842	146572.57	29.2	852442.89	408449	817.6935 ng/ml