

REVIEWED*By Sarah Collins at 7:54 am, Nov 13, 2024***Worklist: 6969**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3974	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4049	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-4156	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4294	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2849	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2853	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3043	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3157	1	BCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-3164	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3168	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3169	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3239	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3244	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3254	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3256	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3262	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3263	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3265	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 11/06/2024

Panel 1 Plate lot#: 240528

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

Blank Blood Lot: Lampire 24C52816

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

Analyst: Tamara Salazar

Panel 1 Plate Retest Date: 03/12/2025

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- ☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- ☒ 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- ☒ 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- ☒ 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- ☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 6. Transfer **200-450µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate. *Transferred: 250uL*
- ☒ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- ☒ 8. Wait 5 minutes.
- ☒ 9. Add **900uL ethyl acetate.**
- ☒ 10. Wait 5 minutes.
- ☒ 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 12. Add **900uL ethyl acetate.**
- ☒ 13. Wait 5 minutes.
- ☒ 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- ☒ 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 18. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- ☒ 1. Create batch and process data.
- ☒ 2. Make necessary changes to integration limits
- ☒ 3. Integration linear and R² values ≥0.98 for each analyte.
- ☒ 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- ☒ 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- ☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS:

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

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

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

Doxylamine not evaluated due to poor chromatography

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

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

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

Meprobamate 5-500 - calibrator 8 dropped due to accuracy

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

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

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

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

Olanzapine not evaluated due to poor chromatography

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

Sertraline 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							Urine Neg	P2024-3169-1	M2024-3974-2	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2							P2024-3265-1	P2024-3168-2	P2024-3157-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3							P2024-3263-1	P2024-3164-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4							P2024-3262-1	P2024-3043-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2							P2024-3256-1	P2024-2853-2	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6								P2024-3254-1	P2024-2849-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7								P2024-3244-4	M2024-4294-2	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8							M2024-4049-1	P2024-3239-1	M2024-4156-1	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\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/8/2024 7:30:17 AM

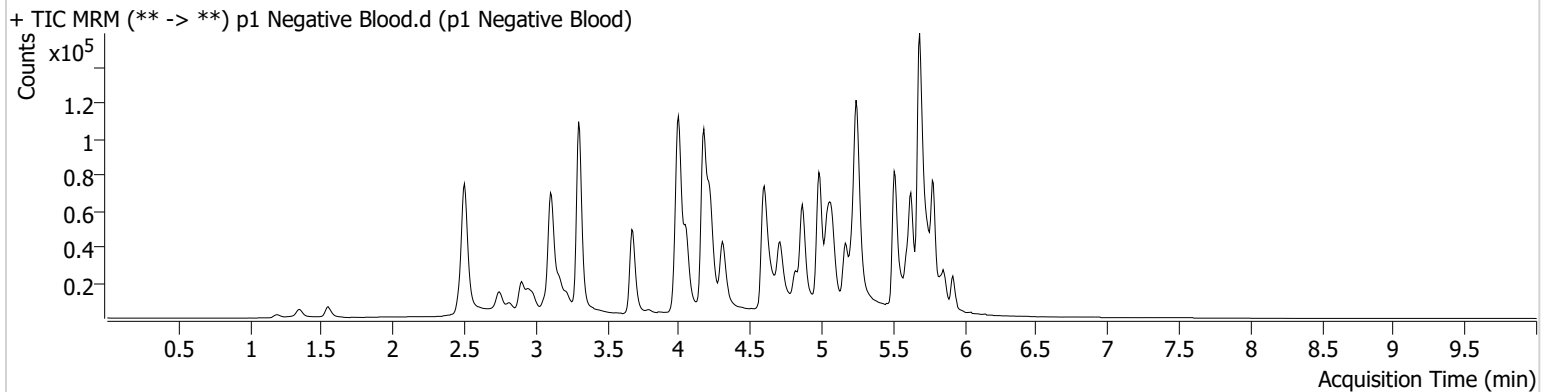
Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P4-C11
Injection Volume 2
Acq. Date-Time 11/7/2024 2:52:47 AM
Sample Info.

Data File
Sample
Operator
Comment

p1 Negative Blood.d
p1 Negative Blood
Tamara Salazar

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

Sample Chromatogram





AM #28 Multi-Drug Quant. Results

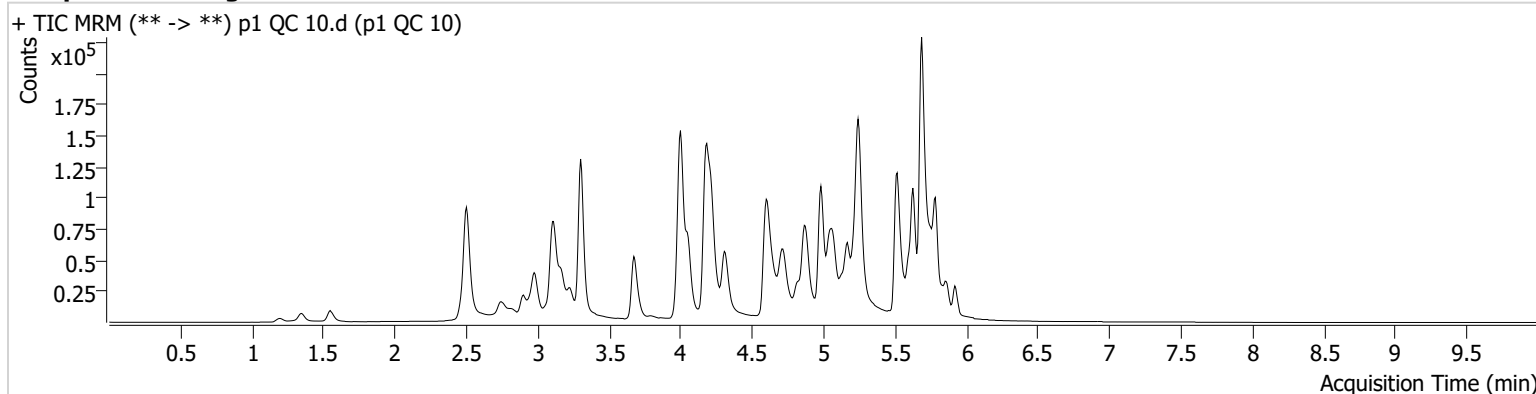
Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/8/2024 7:30:17 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P4-H11
Injection Volume 2
Acq. Date-Time 11/7/2024 1:48:57 AM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
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	3.068	430	29.86	75.4	917.85	13577	0.9632 ng/ml
7-aminoclonazepam	4.203	8169	78.25	69.9	138.72	33838	10.3583 ng/ml
9-hydroxyrisperidone	4.597	1241	1034.15	3637.8	262.98	189603	8.6774 ng/ml
a-hydroxyalprazolam	5.659	4266	59.13	59.0	540.03	15345	9.8642 ng/ml
alpha-PHP	4.889	7370	687.39	252.3	11282.08	111385	10.0921 ng/ml
alpha-PVP	4.322	27539	2020.54	50.2	66.20	111385	9.7793 ng/ml
Alprazolam	5.743	13321	376.92	102.9	315.63	50289	9.8339 ng/ml
Amphetamine	2.979	55995	111.89	45.9	136.76	62551	9.9961 ng/ml
Benzoylcegonine	3.822	850	186.49	40.6	38.11	3505	9.5545 ng/ml
Bromazolam	5.781	10962	1031.33	126.1	9132.59	26829	9.6513 ng/ml
Buprenorphine	5.855	790	44.48	18.2	99.10	29488	1.1069 ng/ml
Bupropion	4.732	24488	4910.95	66.8	75.01	85555	9.3221 ng/ml
Carisoprodol	5.697	16372	185.69	76.8	288.31	82350	9.3589 ng/ml
Citalopram	5.167	24161	113.34	30.3	49.99	115914	9.2771 ng/ml
Clonazepam	5.571	11088	600.82	31.2	3998.14	15224	10.5049 ng/ml
Clonazepam	5.514	8758	8097.24	37.0	127.54	15224	10.5456 ng/ml
Cocaine	4.217	16954	243.65	60.2	819.21	182073	9.1670 ng/ml
Codeine	2.521	2413	195.09	97.7	125.72	11363	9.9782 ng/ml
Cyclobenzaprine	5.601	18236	539.00	8.7	194.63	79278	9.0492 ng/ml
Dextromethorphan	5.231	13610	3778.07	83.0	6717.77	59755	9.5887 ng/ml
Dextrorphan	4.055	9263	236.75	198.3	179.90	94271	9.5707 ng/ml
Diazepam	5.928	8475	158.68	88.0	85.19	34142	9.9765 ng/ml
Dihydrocodeine	2.500	5331	676.65	72.3	122.20	31353	9.7324 ng/ml
Diphenhydramine	5.252	55374	89.02	33.4	499.62	320196	8.9381 ng/ml
Doxylamine	4.641	47047	128.63	106.9	1727.22	222667	9.3151 ng/ml
Duloxetine	5.620	3136	270.73	15.4	203.94	17055	9.3271 ng/ml
EDDP	5.217	17337	780.22	40.5	38.69	80622	9.6981 ng/ml
Etizolam	5.788	8105	501.32	27.6	286.28	15224	10.1468 ng/ml
Fentanyl	5.057	2512	608.55	66.2	1183.03	142662	0.8628 ng/ml
Fluorofentanyl	5.111	5540	∞	48.6	1044.02	1182	0.9378 ng/ml
Fluoxetine	5.688	40419	302.03	6.9	1697.71	135272	10.1616 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	8096	22.22	41.1	19.90	42575	9.8215 ng/ml
Hydromorphone	1.555	6270	2264.01	82.6	2578.99	20604	9.8543 ng/ml
Hydroxyzine	5.685	32321	9441.81	57.1	1926.01	59755	10.2621 ng/ml
Ketamine	3.994	17741	331.43	33.4	147.30	76845	9.6199 ng/ml
Lamotrigine	4.212	18316	5270.63	78.4	3478.35	234181	105.1805 ng/ml
Lorazepam	5.714	9217	369.57	56.1	30.91	59438	10.5309 ng/ml
MDA	3.126	34026	993.05	31.2	101.84	88874	9.8101 ng/ml
MDMA	3.234	19329	243.39	99.6	369.20	19178	9.7723 ng/ml
Meprobamate	4.842	9353	15425.29	31.9	93.64	43860	10.1404 ng/ml
Methadone	5.633	32790	47010.19	66.8	106.54	135503	9.2946 ng/ml
Methamphetamine	3.168	75152	203.76	33.3	333.49	152691	9.3090 ng/ml
Metoprolol	4.266	5716	2462.28	108.2	90.18	271131	9.8915 ng/ml
Mirtazapine	4.628	32187	104.22	67.9	235.50	111385	9.6206 ng/ml
Mitragynine	5.185	7286	805.98	37.5	486.30	135503	9.4016 ng/ml
Morphine	1.200	989	104.13	106.3	1442.24	1740	10.3314 ng/ml
Norbuprenorphine	4.932	133	93.50	117.6	163.07	5882	0.8514 ng/ml
Nordiazepam	5.868	9423	1105.90	53.4	3510.34	29163	9.5924 ng/ml
Norfentanyl	4.022	4915	314.76	40.8	95.21	199214	0.9819 ng/ml
Norhydrocodone	3.003	1571	34.54	39.2	25.59	12761	8.9098 ng/ml
Noroxycodone	2.839	5669	249.27	49.6	182.05	16289	10.3928 ng/ml
O-desmethyl-tramadol	3.308	50828	531.30	5.6	274.26	295846	9.6923 ng/ml
o-desmethylvenlafaxine	4.000	9258	456.46	357.6	1824.12	41644	9.2209 ng/ml
Oxazepam	5.723	10763	523.35	65.2	95.39	59438	10.1856 ng/ml
Oxycodone	2.777	11703	270.33	32.8	296.99	53686	9.4685 ng/ml
Oxymorphone	1.352	5255	150.50	50.5	179.50	16898	10.0212 ng/ml
Phentermine	3.711	13309	122.49	5.8	29.36	151734	9.8953 ng/ml
Promethazine	5.517	43375	389.67	31.5	1207.37	201136	9.5264 ng/ml
Pseudoephedrine	2.511	44905	1635.71	18.1	1601.64	234181	9.2861 ng/ml
Quetiapine	5.534	29091	212.96	54.8	389.87	42020	9.4043 ng/ml
Sertraline	5.756	11712	3049.95	95.7	11149.62	48776	9.5175 ng/ml
Temazepam	5.791	23153	94.20	26.1	148.72	90785	9.5401 ng/ml
Tramadol	4.191	54820	2823.25	3.3	49.59	271131	9.6918 ng/ml
Trazodone	5.131	35508	36585.76	62.7	27985.00	115970	9.7089 ng/ml
Venlafaxine	4.983	48618	153.12	27.3	446.63	233690	9.6751 ng/ml
Xylazine	4.035	15922	1649.90	42.3	148.32	76039	9.5284 ng/ml
Zolpidem	4.887	35351	828.87	27.7	252.13	161771	9.7152 ng/ml



AM #28 Multi-Drug Quant. Results

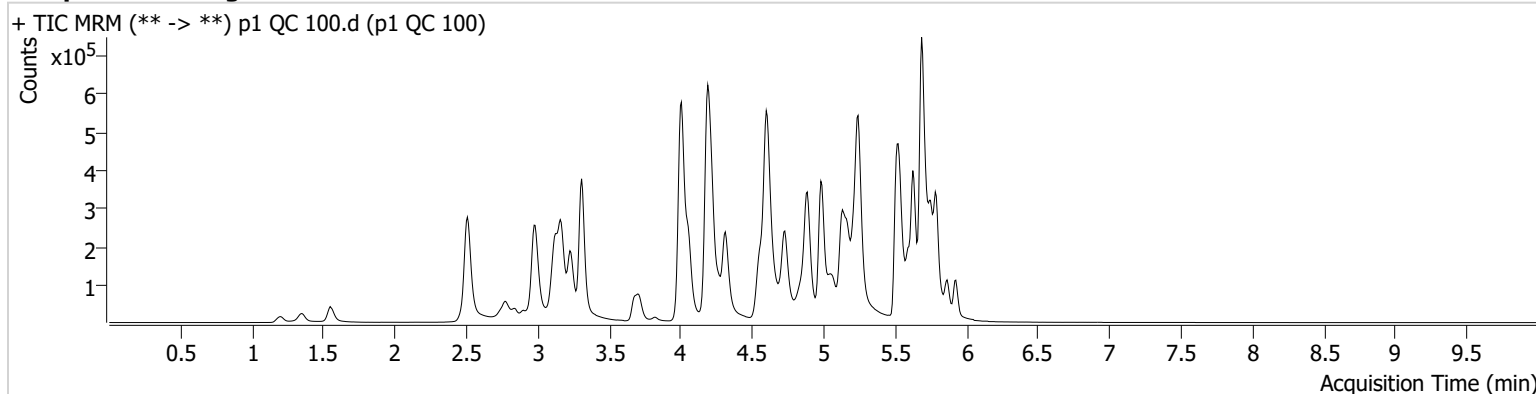
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Calibration Last Update 11/8/2024 7:30:17 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P4-G11
Injection Volume 2
Acq. Date-Time 11/7/2024 10:19:54 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.075	5327	194.77	68.3	224.32	16266	9.9417 ng/ml
7-aminoclonazepam	4.203	58328	4530.05	68.9	3533.51	28366	105.5949 ng/ml
9-hydroxyrisperidone	4.597	16153	9038.54	3434.7	457.01	228552	99.9414 ng/ml
a-hydroxyalprazolam	5.659	43186	333.54	60.4	215.71	15550	103.6811 ng/ml
alpha-PHP	4.882	86469	2954.23	245.4	53625.83	132959	107.4663 ng/ml
alpha-PVP	4.315	335152	10799.08	53.2	281.09	132959	100.3724 ng/ml
Alprazolam	5.743	148353	504.79	103.1	364.38	53065	100.7209 ng/ml
Amphetamine	2.986	551680	16450.16	43.1	181.45	71145	97.2022 ng/ml
Benzoylcegonine	3.822	9945	564.25	41.6	226.93	3704	105.5283 ng/ml
Bromazolam	5.781	112786	1595.45	133.5	153263.93	27477	104.3689 ng/ml
Buprenorphine	5.862	8733	∞	16.9	1409.10	34570	10.8036 ng/ml
Bupropion	4.732	294761	1130.94	65.6	446.38	99068	99.2410 ng/ml
Carisoprodol	5.697	151928	17072.16	79.0	2245.18	73249	98.9585 ng/ml
Citalopram	5.167	280552	4557.66	30.3	1709.33	129211	94.5080 ng/ml
Clonazepam	5.571	103223	612.82	31.4	1150.77	15412	102.4237 ng/ml
Clonazolam	5.514	90363	96872.06	40.6	58339.88	15412	110.6498 ng/ml
Cocaine	4.217	196745	133.94	63.0	91137.72	202574	97.5525 ng/ml
Codeine	2.521	25896	84.25	93.3	101.45	11702	112.4485 ng/ml
Cyclobenzaprine	5.601	224455	291.31	8.4	61.65	86229	98.7205 ng/ml
Dextromethorphan	5.224	163694	29204.00	83.4	729.82	68519	101.7386 ng/ml
Dextrorphan	4.062	103621	905.72	203.3	949.13	104837	95.2570 ng/ml
Diazepam	5.928	97520	898.70	88.4	1755.53	39786	103.3451 ng/ml
Dihydrocodeine	2.500	61652	1057.70	72.8	350.61	38361	98.4796 ng/ml
Diphenhydramine	5.245	688081	27754.25	32.7	1538.09	368280	97.2204 ng/ml
Doxylamine	4.566	639840	162166.17	96.4	485283.57	273053	96.5851 ng/ml
Duloxetine	5.620	34193	1190.28	13.1	7295.60	17396	104.1401 ng/ml
EDDP	5.217	185265	193.32	40.0	173.46	84164	100.8690 ng/ml
Etizolam	5.788	86122	3415.60	27.5	664.01	15412	104.3733 ng/ml
Fentanyl	5.057	31916	551.23	58.1	118.88	172133	9.5447 ng/ml
Fluorofentanyl	5.111	69625	354.48	47.5	19921.06	1477	9.1813 ng/ml
Fluoxetine	5.688	424564	1306.50	6.9	33781.45	138684	106.1902 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	93657	∞	41.4	442.61	47974	101.4517 ng/ml
Hydromorphone	1.555	70365	274982.63	82.1	2103.01	22960	99.9690 ng/ml
Hydroxyzine	5.685	370903	337165.77	64.8	14867.94	68519	105.6026 ng/ml
Ketamine	3.994	207586	1200.58	32.5	6402.52	89406	101.6296 ng/ml
Lamotrigine	4.212	142905	18593.05	85.1	25202.07	257301	849.4643 ng/ml
Lorazepam	5.714	69215	33694.73	58.1	519.70	46749	114.1309 ng/ml
MDA	3.126	327084	26821.44	30.7	32216.89	87371	105.8265 ng/ml
MDMA	3.234	231439	196576.78	101.7	506.70	21810	103.7404 ng/ml
Meprobamate	4.842	98623	399.17	32.2	89.32	47306	104.8459 ng/ml
Methadone	5.626	381587	49890.93	67.1	10783.86	151570	97.8952 ng/ml
Methamphetamine	3.168	562263	12014.34	33.3	4293.75	183574	102.4608 ng/ml
Metoprolol	4.266	66026	4392.55	116.2	15638.97	320621	100.5318 ng/ml
Mirtazapine	4.607	408769	170007.52	65.9	2046.18	132959	103.2225 ng/ml
Mitragynine	5.192	92102	598.76	37.6	31348.74	151570	104.7468 ng/ml
Morphine	1.200	11153	631.82	108.1	490.52	2053	98.5433 ng/ml
Norbuprenorphine	4.939	1423	87.05	111.7	1855.32	6873	9.0904 ng/ml
Nordiazepam	5.868	95209	4079.66	52.5	1679.55	29058	100.0241 ng/ml
Norfentanyl	4.022	51740	26532.81	38.4	1393.51	202005	10.0916 ng/ml
Norhydrocodone	3.003	20636	143.43	43.3	250.18	13585	99.5714 ng/ml
Noroxycodone	2.839	57241	3833.47	46.3	331.45	17911	102.7421 ng/ml
O-desmethyl-tramadol	3.308	627637	853.08	5.9	3696.61	347949	101.0033 ng/ml
o-desmethylvenlafaxine	4.007	109345	2688.92	348.5	1755.07	46491	96.7410 ng/ml
Oxazepam	5.723	87119	310.65	70.0	1303.28	46749	107.6717 ng/ml
Oxycodone	2.770	140231	351.20	32.2	636.82	60778	102.5008 ng/ml
Oxymorphone	1.346	50165	379.67	49.6	190.37	16226	104.6470 ng/ml
Phentermine	3.711	156515	∞	5.3	360.45	176983	105.5479 ng/ml
Promethazine	5.511	528800	902.81	32.4	260.49	235302	100.5190 ng/ml
Pseudoephedrine	2.511	515273	61959.80	18.0	32932.49	257301	98.1712 ng/ml
Quetiapine	5.534	345415	439091.20	58.9	143676.91	49244	100.2687 ng/ml
Sertraline	5.756	122800	313.07	91.1	25849.72	48856	97.9573 ng/ml
Temazepam	5.791	184893	709.04	26.3	623.67	70439	101.6558 ng/ml
Tramadol	4.191	657832	2927.16	3.3	546.10	320621	103.2166 ng/ml
Trazodone	5.131	412270	278764.20	70.0	305388.63	144097	98.4725 ng/ml
Venlafaxine	4.983	589105	504.72	27.3	337.39	279098	99.5292 ng/ml
Xylazine	4.029	190559	649.61	47.1	370.82	83924	101.8978 ng/ml
Zolpidem	4.887	437652	436146.37	27.5	4763.62	194205	103.8902 ng/ml



AM #28 Multi-Drug Quant. Results

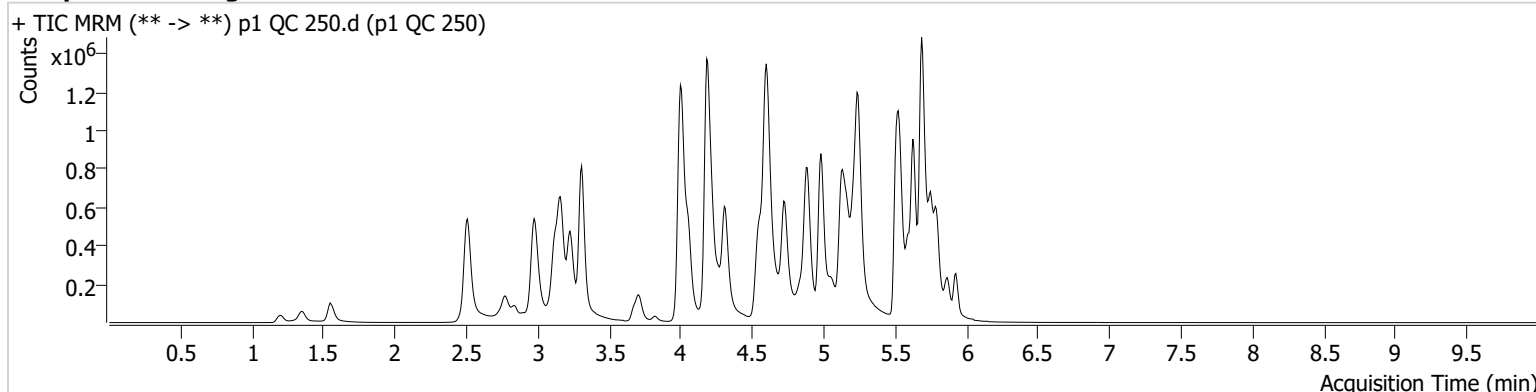
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Type QC
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Sample Position P4-F11
Injection Volume 2
Acq. Date-Time 11/7/2024 2:10:15 AM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
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	3.075	14947	218.78	70.8	6548.16	18100	25.0683 ng/ml
7-aminoclonazepam	4.203	79067	3250.92	69.3	2993.00	20134	203.7727 ng/ml
9-hydroxyrisperidone	4.597	44169	34269.18	3551.3	6752.86	253044	247.7620 ng/ml
a-hydroxyalprazolam	5.659	87890	1049.12	63.4	242.24	11856	277.7025 ng/ml
alpha-PHP	4.875	241533	20903.88	245.4	68943.90	156703	255.9853 ng/ml
alpha-PVP	4.315	987750	1354.08	54.6	1031.34	156703	251.1021 ng/ml
Alprazolam	5.743	347995	634.29	103.6	505.17	50808	246.2902 ng/ml
Amphetamine	2.979	1253904	28769.91	43.0	204.24	77643	203.9380 ng/ml
Benzoylcegonine	3.822	26747	255.13	43.0	1483.96	4268	246.2633 ng/ml
Bromazolam	5.781	234853	236291.91	135.9	231847.54	23047	260.3154 ng/ml
Buprenorphine	5.862	28207	4546.30	16.2	2501.57	45831	26.3843 ng/ml
Bupropion	4.732	855887	8773.26	65.8	14992.22	116808	244.7633 ng/ml
Carisoprodol	5.697	268307	61595.81	77.9	165.81	49952	256.4934 ng/ml
Citalopram	5.167	780727	690.59	29.8	911.73	142221	238.5950 ng/ml
Clonazepam	5.571	219648	940.79	32.6	696.09	14002	240.8438 ng/ml
Clonazolam	5.514	171940	1933.37	42.5	60731.50	14002	232.1187 ng/ml
Cocaine	4.217	511793	1184651.18	62.8	557375.58	208727	246.5954 ng/ml
Codeine	2.521	58894	511.32	95.9	4958.12	11888	252.8582 ng/ml
Cyclobenzaprine	5.601	635567	389.56	8.4	159.17	100226	239.9855 ng/ml
Dextromethorphan	5.217	446078	273.44	82.5	687.24	80762	235.3798 ng/ml
Dextrorphan	4.055	278979	5807.44	209.5	39176.43	114965	233.7053 ng/ml
Diazepam	5.928	257819	994.16	90.2	419.50	42729	255.2013 ng/ml
Dihydrocodeine	2.494	155005	17597.54	72.2	220.22	43164	220.9899 ng/ml
Diphenhydramine	5.245	1855314	125994.28	33.7	1069.68	408241	236.5773 ng/ml
Doxylamine	4.559	1927177	47978.69	95.5	101041.85	319223	247.7865 ng/ml
Duloxetine	5.620	84215	3896.97	13.3	764.38	17354	257.7894 ng/ml
EDDP	5.210	537308	∞	39.9	289.69	96114	256.4376 ng/ml
Etizolam	5.788	210687	2052.33	28.2	8228.61	14002	280.6664 ng/ml
Fentanyl	5.057	98100	168.62	60.3	118.11	214353	23.6301 ng/ml
Fluorofentanyl	5.111	212004	8654.55	46.0	246.92	1703	24.1999 ng/ml
Fluoxetine	5.688	994098	470.41	7.1	15467.23	134937	255.8606 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.968	255822	∞	42.7	83.77	53585	248.1878 ng/ml
Hydromorphone	1.555	190361	3426.52	82.4	689099.13	24815	250.3491 ng/ml
Hydroxyzine	5.685	988918	548696.67	67.1	358352.91	80762	239.2877 ng/ml
Ketamine	3.994	518883	778.55	32.4	1405.15	97858	232.7847 ng/ml
Lamotrigine	4.212	249252	14986.86	85.8	90560.11	262531	1464.0227 ng/ml
Lorazepam	5.714	101260	8236.06	57.7	1424.93	35239	223.0020 ng/ml
MDA	3.126	709831	14022.90	32.0	35896.75	85182	236.9463 ng/ml
MDMA	3.228	647975	135156.50	102.6	12946.83	24342	260.3726 ng/ml
Meprobamate	4.842	203285	1387.50	30.2	382.42	48295	212.3476 ng/ml
Methadone	5.626	1108271	6044.08	67.8	29745.97	178928	241.0370 ng/ml
Methamphetamine	3.161	1515328	2620.93	32.8	21261.69	221652	239.2023 ng/ml
Metoprolol	4.266	169900	116695.47	114.4	66336.39	342385	242.8773 ng/ml
Mirtazapine	4.607	1097959	106304.09	65.5	62671.25	156703	235.3627 ng/ml
Mitragynine	5.185	256651	503746.56	38.6	1149.09	178928	247.0601 ng/ml
Morphine	1.200	29652	2370.20	103.7	409.20	2025	265.5238 ng/ml
Norbuprenorphine	4.932	4067	4121.29	103.7	25452.70	7856	22.9675 ng/ml
Nordiazepam	5.868	234022	983.72	52.3	428.10	28587	250.3604 ng/ml
Norfentanyl	4.022	121672	168472.37	39.3	1232.37	181444	26.4033 ng/ml
Norhydrocodone	3.003	59341	230.92	42.3	176.09	15050	257.0202 ng/ml
Noroxycodone	2.839	151687	2024.78	49.3	2793.59	19489	251.4972 ng/ml
O-desmethyl-tramadol	3.308	1739132	55401.39	6.1	567.93	386761	251.6676 ng/ml
o-desmethylvenlafaxine	4.000	276372	2348.89	343.1	124130.58	46139	246.2487 ng/ml
Oxazepam	5.723	149772	254.75	69.8	109.86	35239	245.9551 ng/ml
Oxycodone	2.770	405283	2423.14	32.6	1553.91	72141	249.9176 ng/ml
Oxymorphone	1.346	143602	∞	49.4	582.64	19933	244.6055 ng/ml
Phentermine	3.711	393696	∞	5.4	174.76	201520	233.9375 ng/ml
Promethazine	5.511	1528877	28300.16	32.9	25120.64	276015	247.9480 ng/ml
Pseudoephedrine	2.511	1289906	842.29	18.0	421.36	262531	241.0433 ng/ml
Quetiapine	5.534	928033	5302045.74	60.4	663733.20	51980	256.0608 ng/ml
Sertraline	5.756	300591	1406.85	92.2	1510.82	46063	254.0369 ng/ml
Temazepam	5.798	369633	19578.04	26.3	6311.71	55055	260.6004 ng/ml
Tramadol	4.184	1710918	223890.18	3.4	1175.14	342385	252.1503 ng/ml
Trazodone	5.131	1118073	301765.32	73.5	238284.30	178058	217.2304 ng/ml
Venlafaxine	4.983	1690225	5215.92	27.9	6395.13	322096	247.6647 ng/ml
Xylazine	4.022	542478	256.79	48.9	4387.63	96583	251.8452 ng/ml
Zolpidem	4.887	1189182	274100.68	27.6	418197.59	219875	249.8877 ng/ml



AM #28 Multi-Drug Quant. Results

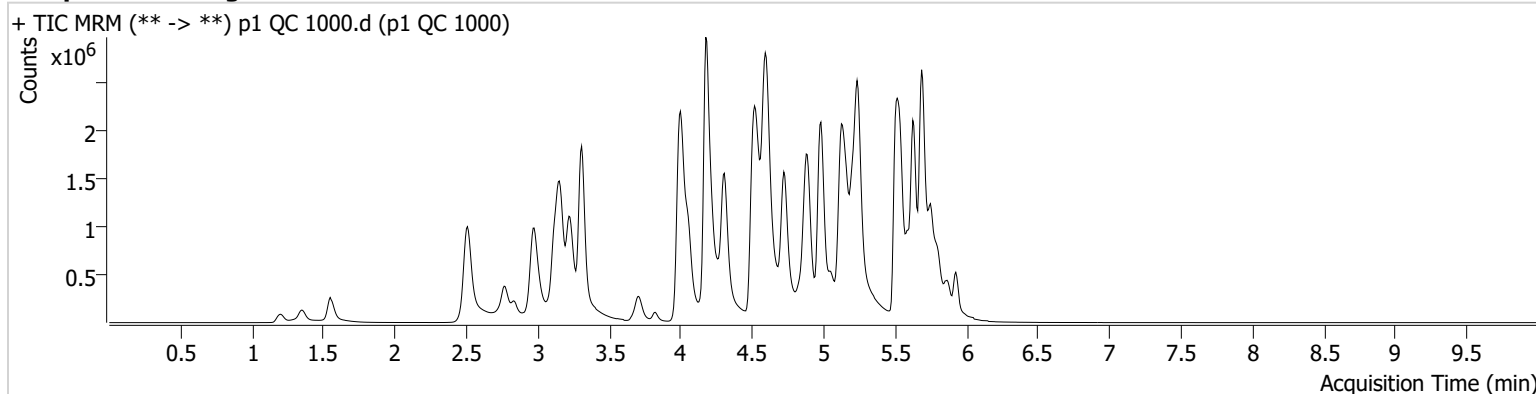
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Sample Position P4-E11
Injection Volume 2
Acq. Date-Time 11/7/2024 2:31:31 AM
Sample Info.

Data File p1 QC 1000.d
Sample p1 QC 1000
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	3.068	44643	235.31	68.3	440.98	13337	101.6079 ng/ml
7-aminoclonazepam	4.217	95035	1814.66	69.1	66.43	5711	870.9124 ng/ml
9-hydroxyrisperidone	4.597	112135	603.31	3544.1	2045950.73	162009	984.3454 ng/ml
a-hydroxyalprazolam	5.659	127378	148.73	66.3	335.02	4808	994.0069 ng/ml
alpha-PHP	4.869	574361	7235.86	249.4	5435.04	116220	822.8345 ng/ml
alpha-PVP	4.309	2860228	10912.19	56.0	3435.55	116220	980.6013 ng/ml
Alprazolam	5.743	743331	325.20	100.3	194.92	27092	985.6460 ng/ml
Amphetamine	2.979	2393725	59103.24	42.8	65001.35	61200	495.8953 ng/ml
Benzoylcegonine	3.822	97839	11806.23	42.3	1184.00	4156	925.0261 ng/ml
Bromazolam	5.781	413315	284394.71	130.1	232.75	10382	1019.3678 ng/ml
Buprenorphine	5.855	93284	99830.59	16.1	17999.17	40760	98.2319 ng/ml
Bupropion	4.725	2475425	3777487.21	65.5	2662.29	88326	936.8883 ng/ml
Carisoprodol	5.704	341953	28229.18	76.9	2585.76	15015	1087.9918 ng/ml
Citalopram	5.160	1801747	597.09	29.7	78616.45	80108	976.8641 ng/ml
Clonazepam	5.571	323047	∞	30.9	∞	6136	810.0421 ng/ml
Clonazepam	5.507	226269	232927.98	41.3	2048.30	6136	697.7856 ng/ml
Cocaine	4.217	1228363	353.91	59.5	56729.82	124846	990.1347 ng/ml
Codeine	2.521	132147	495.11	92.9	153.87	7744	873.1489 ng/ml
Cyclobenzaprine	5.594	1525292	160099.86	8.1	567.80	59329	971.8647 ng/ml
Dextromethorphan	5.217	1074679	58591.53	78.1	193.65	46197	991.7420 ng/ml
Dextrophan	4.055	718449	145355.47	198.9	62228.02	69498	995.2388 ng/ml
Diazepam	5.928	617975	215.85	91.0	238.15	26170	1000.3173 ng/ml
Dihydrocodeine	2.487	384266	329.32	73.4	13017.11	34759	681.9207 ng/ml
Diphenhydramine	5.245	4673370	135695.15	34.4	2911.45	250015	973.2592 ng/ml
Doxylamine	4.519	6450155	963.40	93.3	172613.56	265966	993.3797 ng/ml
Duloxetine	5.620	129878	2396.81	13.7	1135.08	6818	1013.2122 ng/ml
EDDP	5.210	1648963	6322.18	40.7	497.45	72704	1040.9141 ng/ml
Etizolam	5.795	469986	48899.67	29.2	2966.84	6136	1427.8854 ng/ml
Fentanyl	5.050	364708	879236.21	59.4	316795.20	190535	98.9856 ng/ml
Fluorofentanyl	5.104	610634	72407.43	48.5	503.13	1400	84.7151 ng/ml
Fluoxetine	5.688	1839042	176.24	6.8	127.33	62297	1025.9259 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.962	758932	213.60	43.6	∞	42731	923.4840 ng/ml
Hydromorphone	1.555	564769	1517634.80	81.4	1937202.66	18553	993.6926 ng/ml
Hydroxyzine	5.685	2262292	256422.73	71.5	2132.52	46197	957.9343 ng/ml
Ketamine	3.987	1025988	28991.61	35.2	266.65	67564	667.6699 ng/ml
Lamotrigine	4.212	301567	31604.33	84.7	47274.90	154802	3021.6780 ng/ml
Lorazepam	5.714	109190	9077.05	60.9	1136.26	8733	975.6369 ng/ml
MDA	3.119	1396868	236.90	30.4	103664.98	47010	847.7991 ng/ml
MDMA	3.228	1595558	420528.67	103.3	1138.24	15768	989.9862 ng/ml
Meprobamate	4.842	376193	42570.69	31.6	3930.80	31302	607.4953 ng/ml
Methadone	5.626	3010871	929978.09	67.1	772.26	124620	940.5709 ng/ml
Methamphetamine	3.154	3829548	139041.31	32.7	76191.88	181415	756.3924 ng/ml
Metoprolol	4.266	371004	781548.86	114.5	440151.05	243118	747.8368 ng/ml
Mirtazapine	4.587	2591018	468811.22	65.9	51870.05	116220	749.0844 ng/ml
Mitragynine	5.185	643875	4543.80	38.4	121669.35	124620	889.5443 ng/ml
Morphine	1.200	73081	5378.50	101.0	1751.93	1423	931.6410 ng/ml
Norbuprenorphine	4.932	14525	14661.23	95.4	26485.54	6083	106.5215 ng/ml
Nordiazepam	5.874	377987	417.88	52.8	1434.15	12258	943.8811 ng/ml
Norfentanyl	4.022	200710	3170.61	39.4	4260.79	62652	126.0966 ng/ml
Norhydrocodone	3.003	158839	∞	45.5	1911.82	8707	1185.7810 ng/ml
Noroxycodone	2.833	390459	10730.19	46.6	1566.82	12776	990.1420 ng/ml
O-desmethyl-tramadol	3.308	5037754	1463.24	6.3	349.50	273205	1031.7683 ng/ml
o-desmethylvenlafaxine	3.993	548618	36004.78	334.9	112266.66	21576	1045.0111 ng/ml
Olanzapine	4.763	260347	2419.16	42.0 Low	3074.35	3559	72.4434 ng/ml
Oxazepam	5.723	148019	31.47	71.4	6551.61	8733	981.7628 ng/ml
Oxycodone	2.764	1241799	1817.52	32.2	4418.24	57930	954.2653 ng/ml
Oxymorphone	1.346	380693	∞	50.1	771.83	13411	965.4200 ng/ml
Phentermine	3.711	989479	3045.21	5.0	6891.26	158717	747.9099 ng/ml
Promethazine	5.511	4182099	154656.36	32.9	7457.72	185433	1009.9562 ng/ml
Pseudoephedrine	2.511	3163021	372582.30	17.9	128127.29	154802	1002.8063 ng/ml
Quetiapine	5.534	2154773	658846.57	61.1	511529.67	31354	987.2140 ng/ml
Sertraline	5.756	457381	357.98	93.4	679.52	20017	889.0607 ng/ml
Temazepam	5.805	465551	181.15	28.0	106.30	17262	1047.9493 ng/ml
Tramadol	4.177	4221435	282235.51	3.6	4726.74	243118	877.4874 ng/ml
Trazodone	5.124	2844300	1124627.75	78.9	1875759.60	155694	633.7724 ng/ml
Venlafaxine	4.983	4862753	360104.29	27.8	700.44	230836	994.6743 ng/ml
Xylazine	4.015	1538799	143323.89	50.4	36655.86	69388	993.9476 ng/ml
Zolpidem	4.887	3286386	250917.23	27.6	895924.76	157428	965.6512 ng/ml



AM #28 Multi-Drug Quant. Results

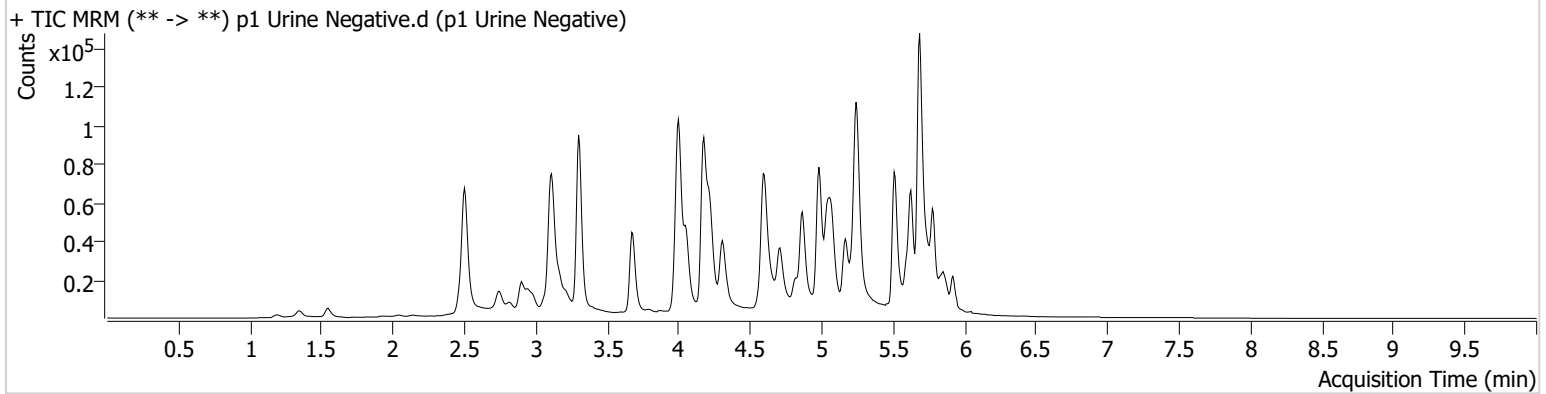
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Acq. Method AM 28 MDQ P1.m
Sample Position P4-A9
Injection Volume 2
Acq. Date-Time 11/7/2024 9:16:02 AM
Sample Info.

Data File p1 Urine Negative.d
Sample p1 Urine Negative
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





AM #28 Multi-Drug Quant. Results

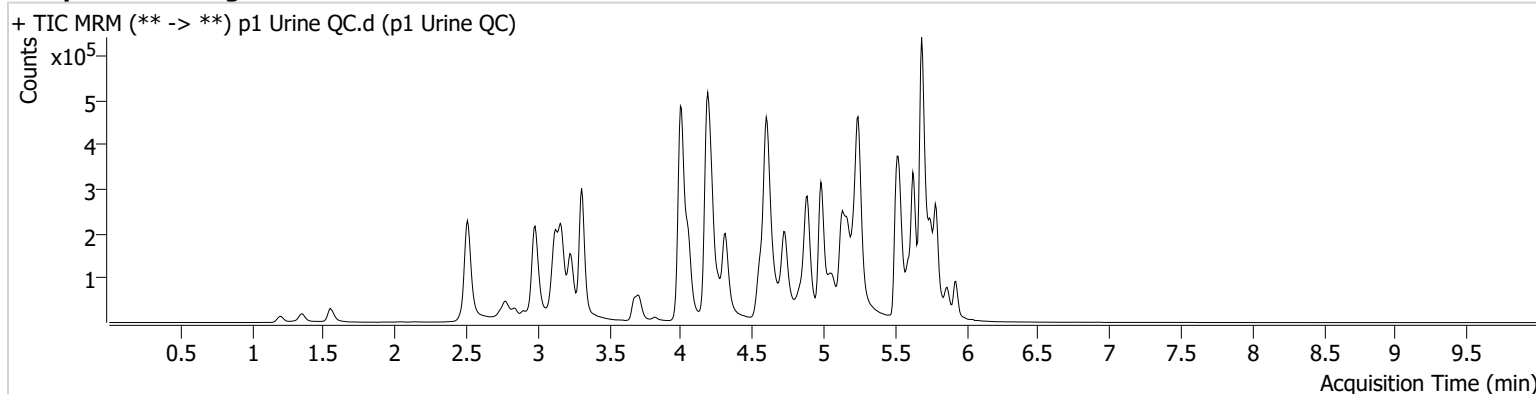
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Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P4-D11
Injection Volume 2
Acq. Date-Time 11/7/2024 9:37:19 AM
Sample Info.

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

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.075	4140	1082.29	72.0	5142.17	12651	9.9339 ng/ml
7-aminoclonazepam	4.203	52254	3231.01	71.0	384.21	25235	106.3534 ng/ml
9-hydroxyrisperidone	4.597	12654	792.61	3589.6	337.58	183741	97.3719 ng/ml
a-hydroxyalprazolam	5.659	29786	239.30	66.3	354.47	10413	106.8083 ng/ml
alpha-PHP	4.882	71657	216.27	248.7	331.75	114549	103.3359 ng/ml
alpha-PVP	4.315	280563	11868.39	54.6	460.84	114549	97.5259 ng/ml
Alprazolam	5.743	115237	758.20	105.1	561.55	40585	102.2894 ng/ml
Amphetamine	2.986	432517	1276.19	45.5	209.19	56950	95.1726 ng/ml
Benzoylcegonine	3.822	7324	1486.93	42.8	743.77	3060	94.0667 ng/ml
Bromazolam	5.781	86256	9249.53	132.8	1092.09	20315	107.9878 ng/ml
Buprenorphine	5.862	7866	3832.97	16.5	508.32	30702	10.9579 ng/ml
Bupropion	4.732	246487	412.93	66.2	8207.24	82567	99.5739 ng/ml
Carisoprodol	5.697	117736	486.24	79.1	1265.66	56698	99.0733 ng/ml
Citalopram	5.167	254221	24286.92	29.4	245.40	112658	98.2121 ng/ml
Clonazepam	5.571	61070	611.29	32.2	211.75	8950	104.3573 ng/ml
Clonazolam	5.514	69024	536.70	39.0	58136.91	8950	145.6470 ng/ml
Cocaine	4.217	156912	340.33	63.0	4676.85	159454	98.8439 ng/ml
Codeine	2.521	20339	458.59	94.4	75.01	9157	112.8710 ng/ml
Cyclobenzaprine	5.601	162422	784.14	8.2	114.58	64927	94.8884 ng/ml
Dextromethorphan	5.224	142798	200.67	82.9	1299.29	61230	99.3146 ng/ml
Dextrorphan	4.055	89549	591.77	204.5	3593.35	90033	95.8567 ng/ml
Diazepam	5.928	77030	1392.42	89.0	2183.01	31092	104.4616 ng/ml
Dihydrocodeine	2.500	50886	8488.59	72.7	1146.59	30031	103.8697 ng/ml
Diphenhydramine	5.245	578912	219.47	33.7	6952.17	316520	95.1703 ng/ml
Doxylamine	4.573	502739	463.24	99.8	56402.90	217568	95.2524 ng/ml
Duloxetine	5.620	31953	779.07	13.5	273.45	16304	103.8390 ng/ml
EDDP	5.217	134810	325.44	41.3	1831.63	62186	99.3367 ng/ml
Etizolam	5.788	69257	1469.52	28.4	1042.42	8950	144.4435 ng/ml
Fentanyl	5.057	27379	2506.15	59.4	361.66	148526	9.4891 ng/ml
Fluorofentanyl	5.111	60603	8361.37	46.4	1401.82	1080	10.9224 ng/ml
Fluoxetine	5.688	381694	52304.15	6.9	49251.65	125441	105.5450 ng/ml



AM #28 Multi-Drug Quant. Results

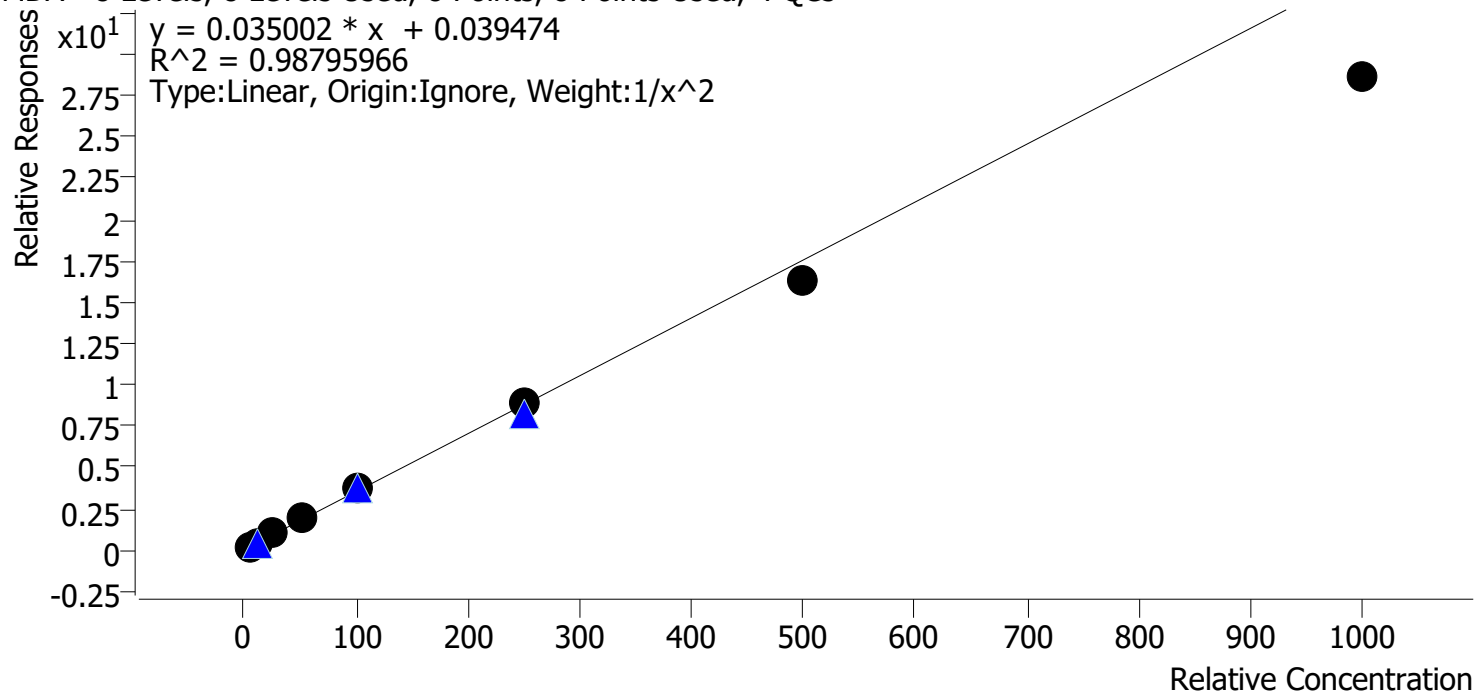
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	73586	232.81	42.0	84.31	36167	105.7324 ng/ml
Hydromorphone	1.555	51855	103827.69	82.9	1186.14	17566	96.2917 ng/ml
Hydroxyzine	5.685	309284	7966.19	65.5	22224.59	61230	98.5206 ng/ml
Ketamine	3.994	173643	829.57	31.8	166.59	73625	103.2418 ng/ml
Lamotrigine	4.212	122184	1056.96	85.4	13188.46	207149	903.1703 ng/ml
Lorazepam	5.714	46253	3124.00	58.7	499.40	34452	103.3416 ng/ml
MDA	3.126	268018	7377.59	30.6	158.77	72358	104.6957 ng/ml
MDMA	3.234	187374	549.42	103.5	358.31	17776	103.0444 ng/ml
Meprobamate	4.842	67229	399.13	32.3	915.00	32163	105.1246 ng/ml
Methadone	5.633	321210	823.25	68.2	723.15	131451	95.0145 ng/ml
Methamphetamine	3.168	459131	7836.95	32.7	4204.71	148506	103.5041 ng/ml
Metoprolol	4.266	52611	812.77	116.2	18699.13	265077	96.8751 ng/ml
Mirtazapine	4.607	329166	10213.06	65.8	1345.73	114549	96.4745 ng/ml
Mitragynine	5.185	97877	32488.50	37.0	652.98	131451	128.3203 ng/ml
Morphine	1.200	8983	421.22	107.0	281.06	1688	96.5644 ng/ml
Norbuprenorphine	4.932	1268	1500.72	98.9	2937.08	5745	9.7015 ng/ml
Nordiazepam	5.868	61930	2901.73	53.2	216.16	18920	99.9201 ng/ml
Norfentanyl	4.022	42224	3214.17	38.8	∞	166609	9.9854 ng/ml
Norhydrocodone	3.003	16679	1136.62	42.4	79.34	11356	96.3067 ng/ml
Noroxycodone	2.839	48231	2179.02	50.2	433.88	15278	101.4787 ng/ml
O-desmethyl-tramadol	3.308	490178	662.92	6.1	280.43	272310	100.7937 ng/ml
o-desmethylvenlafaxine	4.000	92790	944.48	342.3	353.78	37833	100.8773 ng/ml
Oxazepam	5.723	59636	182.34	68.7	156.50	34452	99.9885 ng/ml
Oxycodone	2.770	119064	2201.37	32.9	729.25	52372	100.9934 ng/ml
Oxymorphone	1.352	40251	∞	47.3	479.60	13170	103.4443 ng/ml
Phentermine	3.711	126585	2362.41	5.2	128.03	141409	106.8470 ng/ml
Promethazine	5.511	413137	44612.72	32.7	932.88	184122	100.3620 ng/ml
Pseudoephedrine	2.511	414446	809.08	17.9	329.24	207149	98.0782 ng/ml
Quetiapine	5.534	266430	959132.17	59.9	15161.79	39806	95.6537 ng/ml
Sertraline	5.756	69293	735.84	90.1	414.72	27903	96.7854 ng/ml
Temazepam	5.791	139074	916.79	27.0	138.96	53080	101.4698 ng/ml
Tramadol	4.184	535401	563.47	3.3	334.10	265077	101.6014 ng/ml
Trazodone	5.131	350530	49248.14	69.4	640.28	122347	98.6112 ng/ml
Venlafaxine	4.983	491484	6421.50	27.6	209.93	236758	97.8831 ng/ml
Xylazine	4.029	159702	121034.23	46.8	364.73	71594	100.1073 ng/ml
Zolpidem	4.887	354531	23769.69	27.9	2115.34	158288	103.2527 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



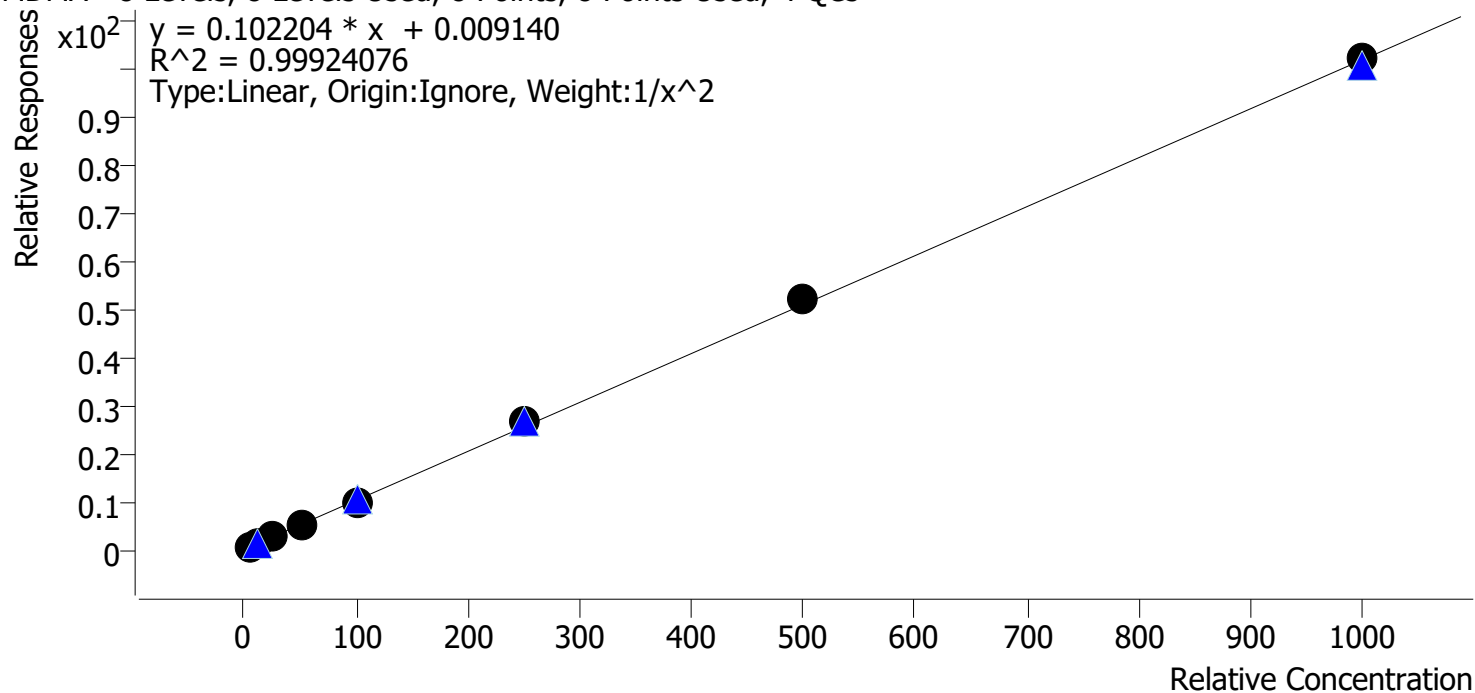
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.4
p1 Cal 4-50ng	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	465.5	93.1
p1 Cal 8-1000ng	8	✓	1000.0	816.2	81.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



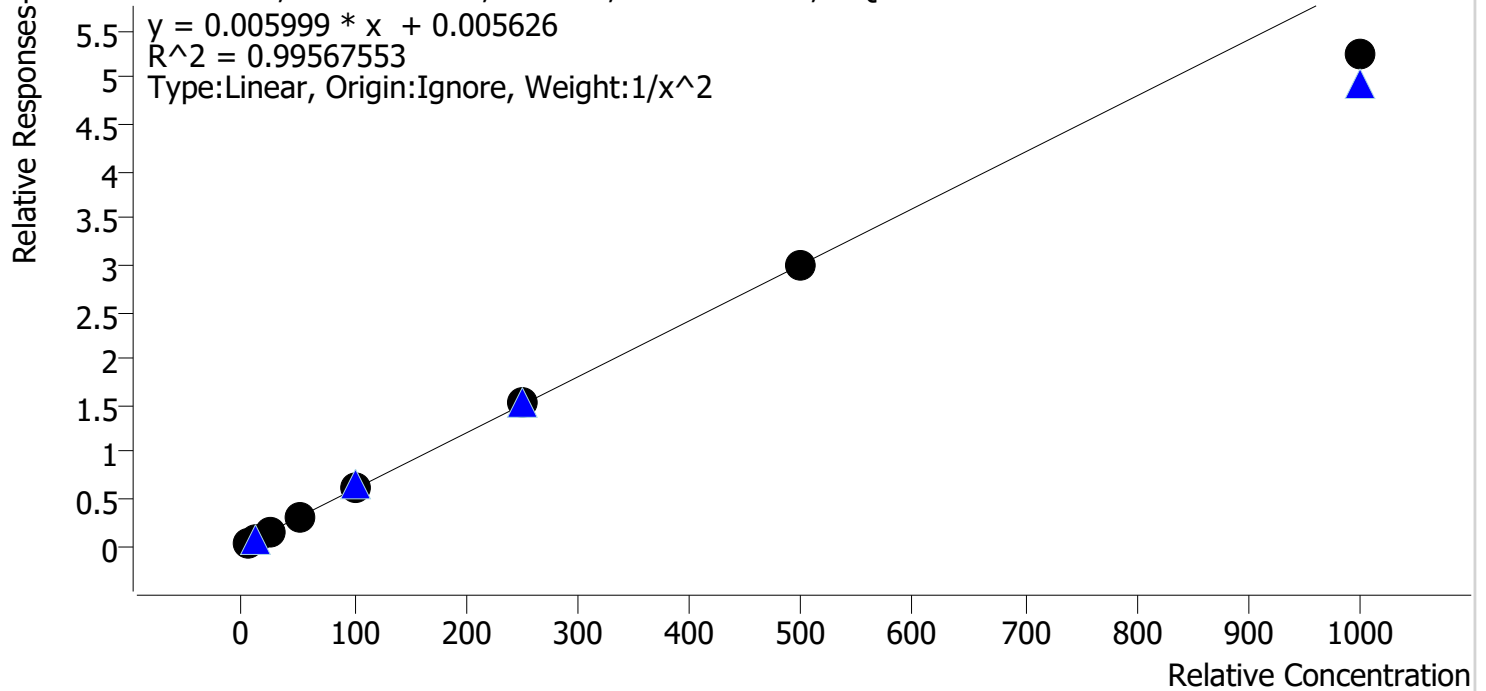
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	259.8	103.9
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1002.7	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

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



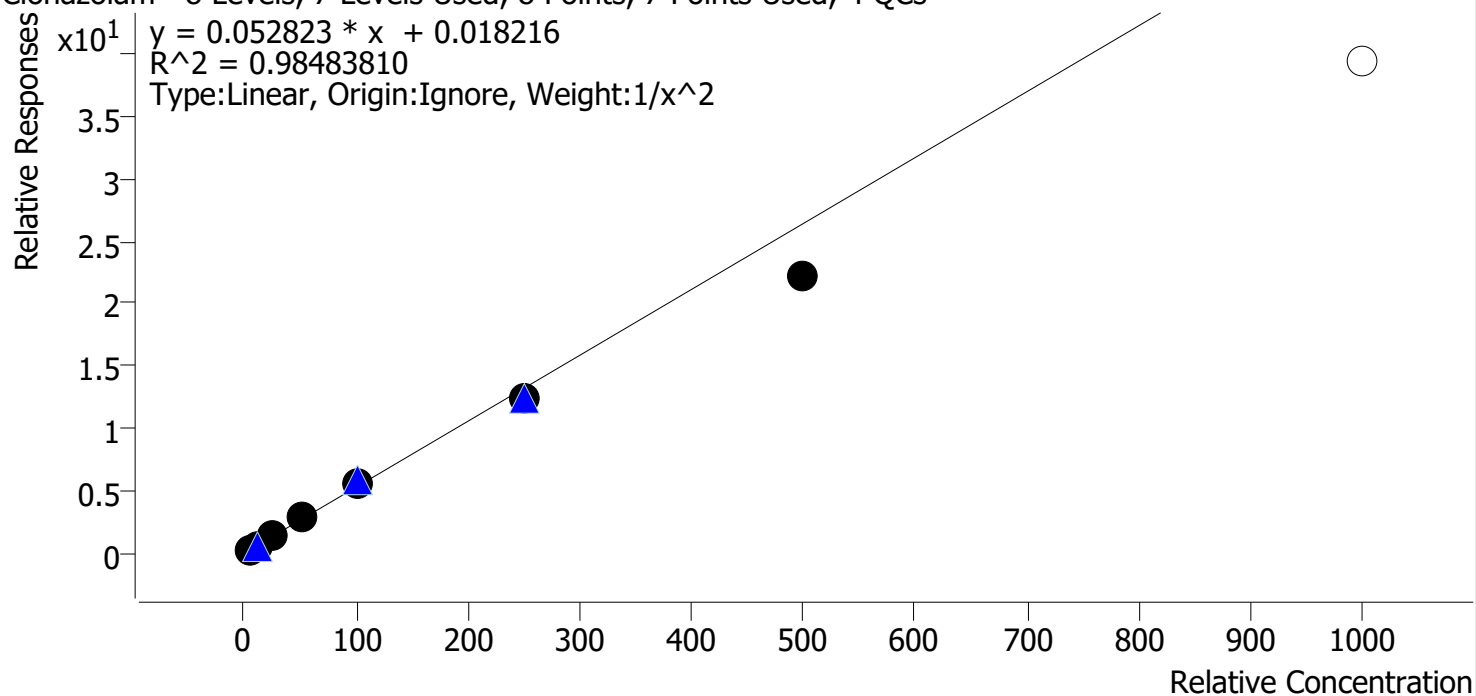
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	873.8	87.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Clonazepam Internal Standard Clonazepam-D4

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



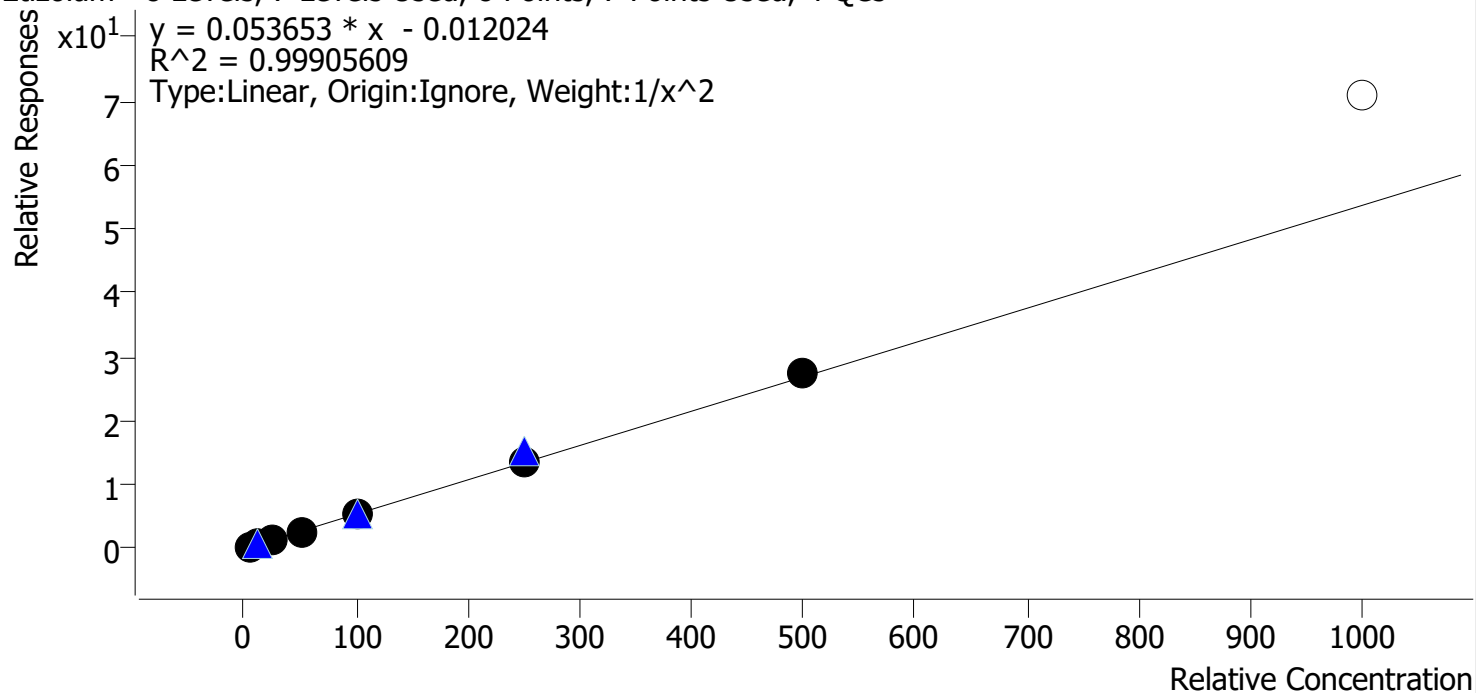
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.2	92.3
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.5
p1 Cal 4-50ng	4	✓	50.0	55.5	111.1
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	235.8	94.3
p1 Cal 7-500ng	7	✓	500.0	419.7	83.9
p1 Cal 8-1000ng	8	✗	1000.0	745.7	74.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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

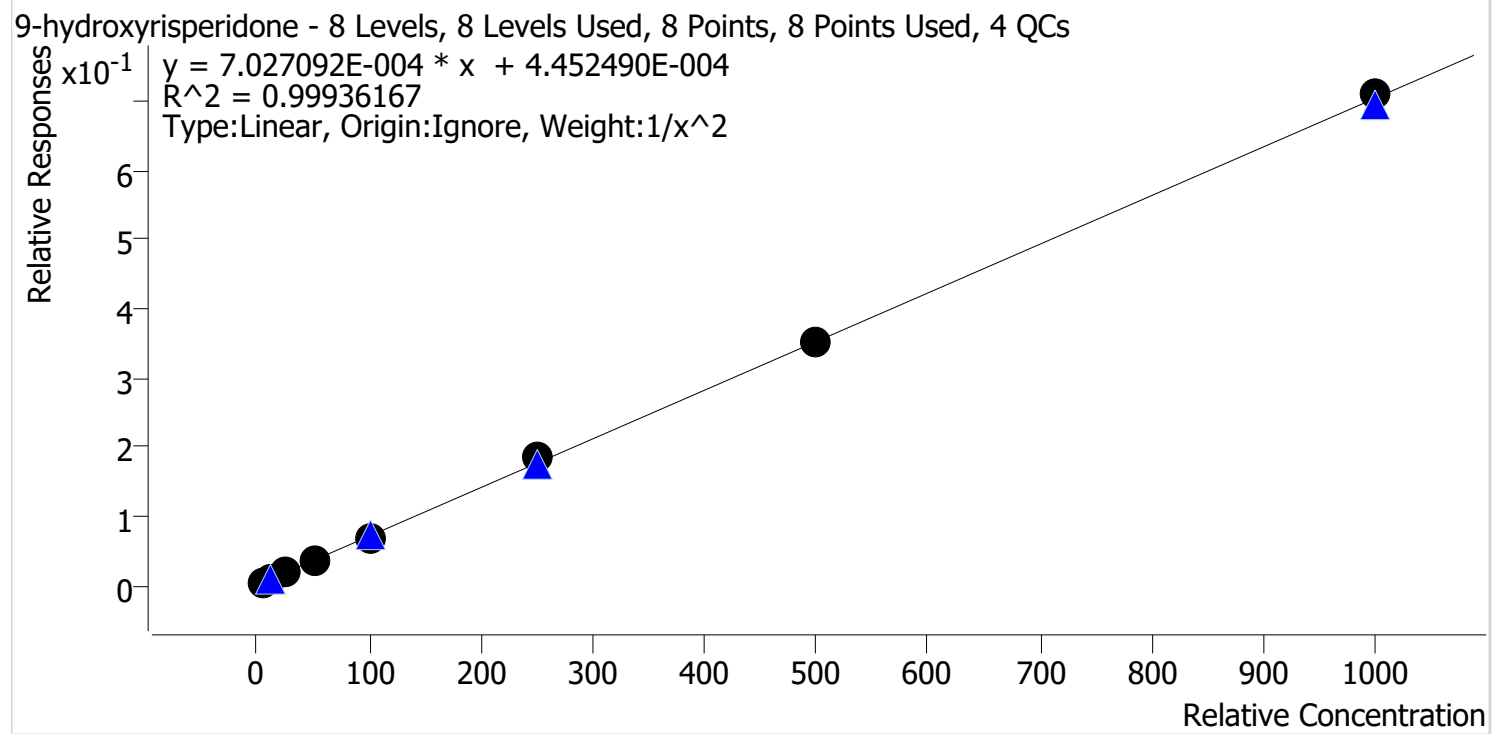


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	516.4	103.3
p1 Cal 8-1000ng	8	✗	1000.0	1320.2	132.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4



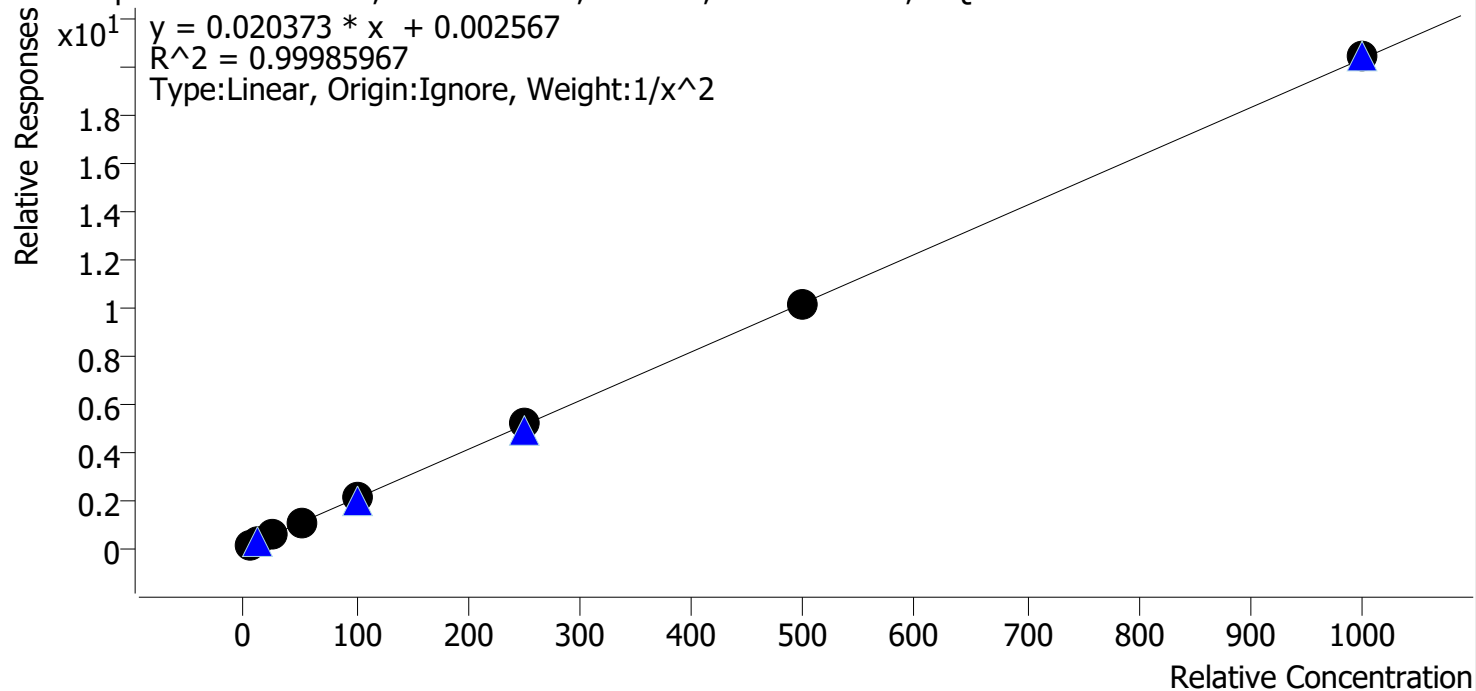
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
p1 Cal 7-500ng	7	✓	500.0	501.9	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1008.2	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



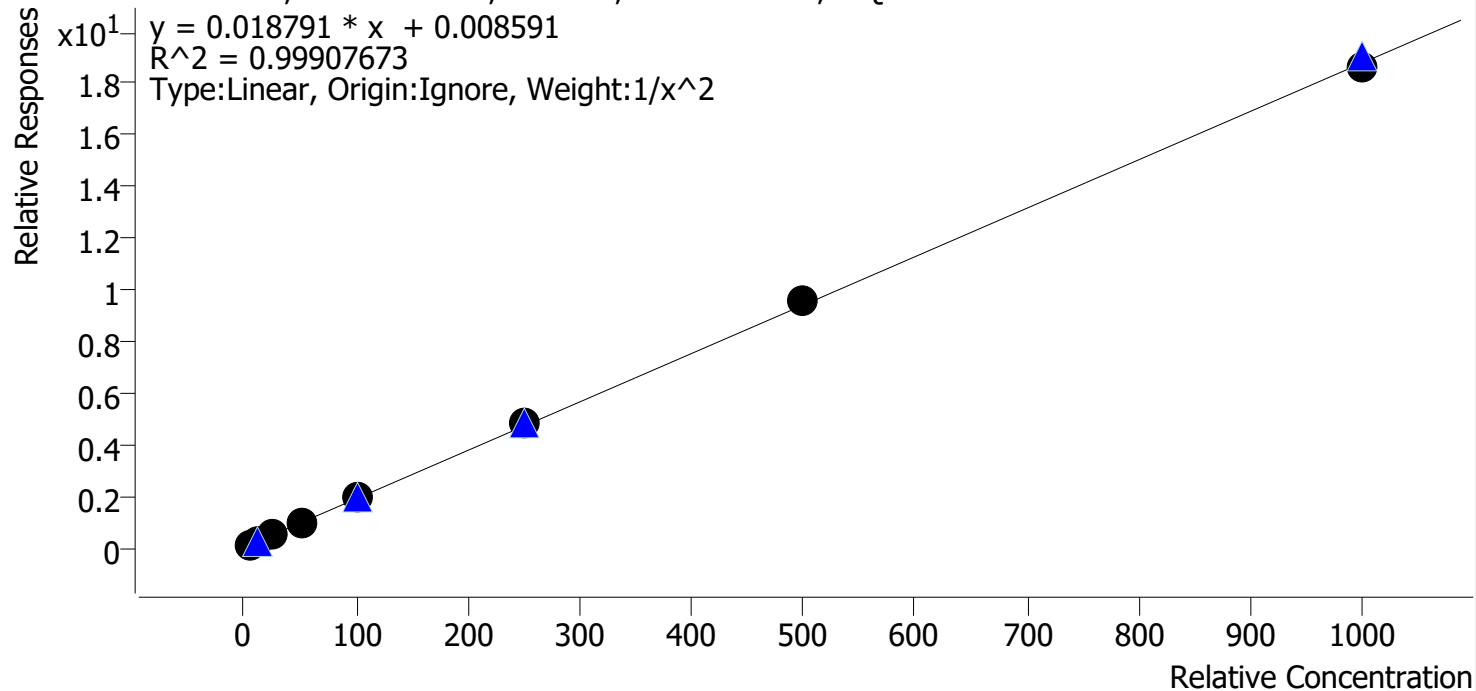
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1004.6	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

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

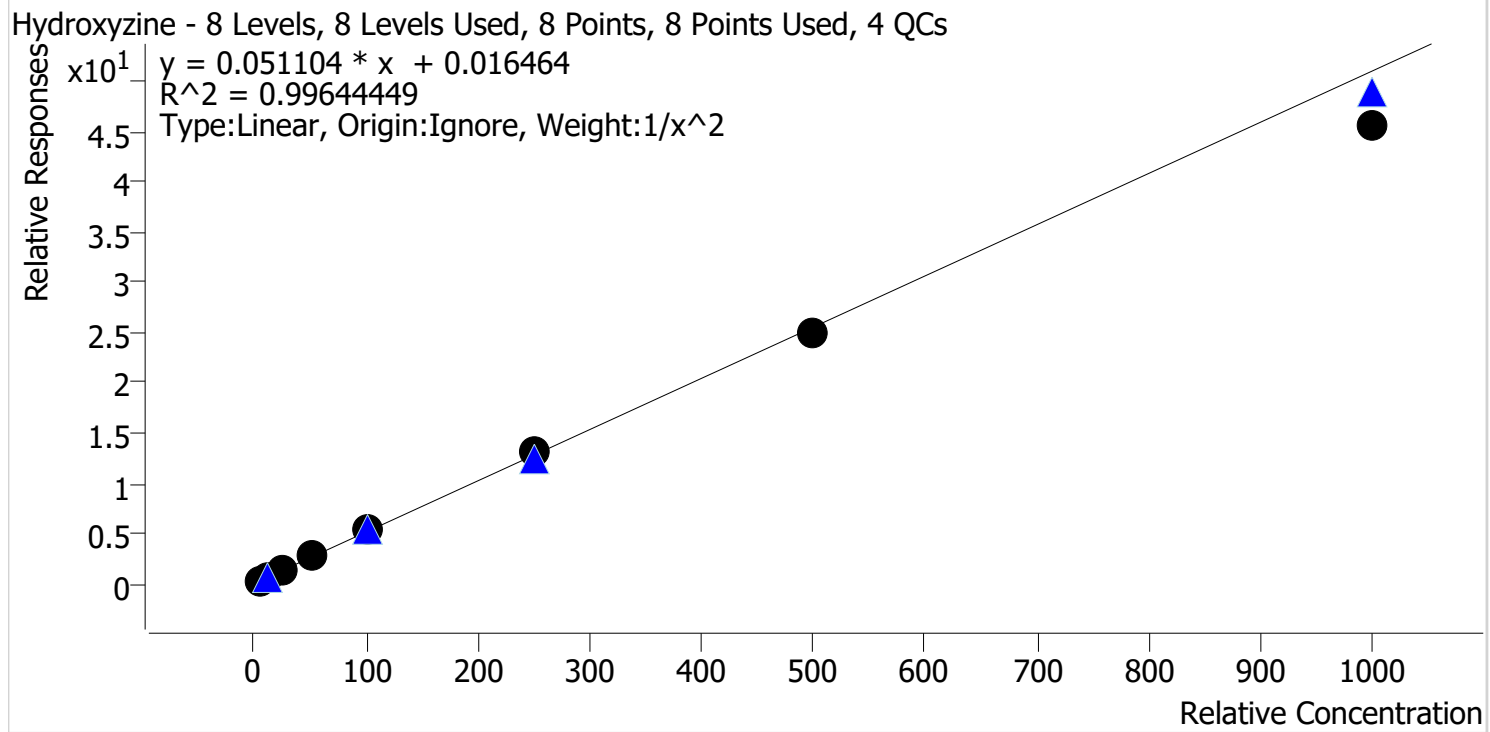


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.5	95.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	995.1	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



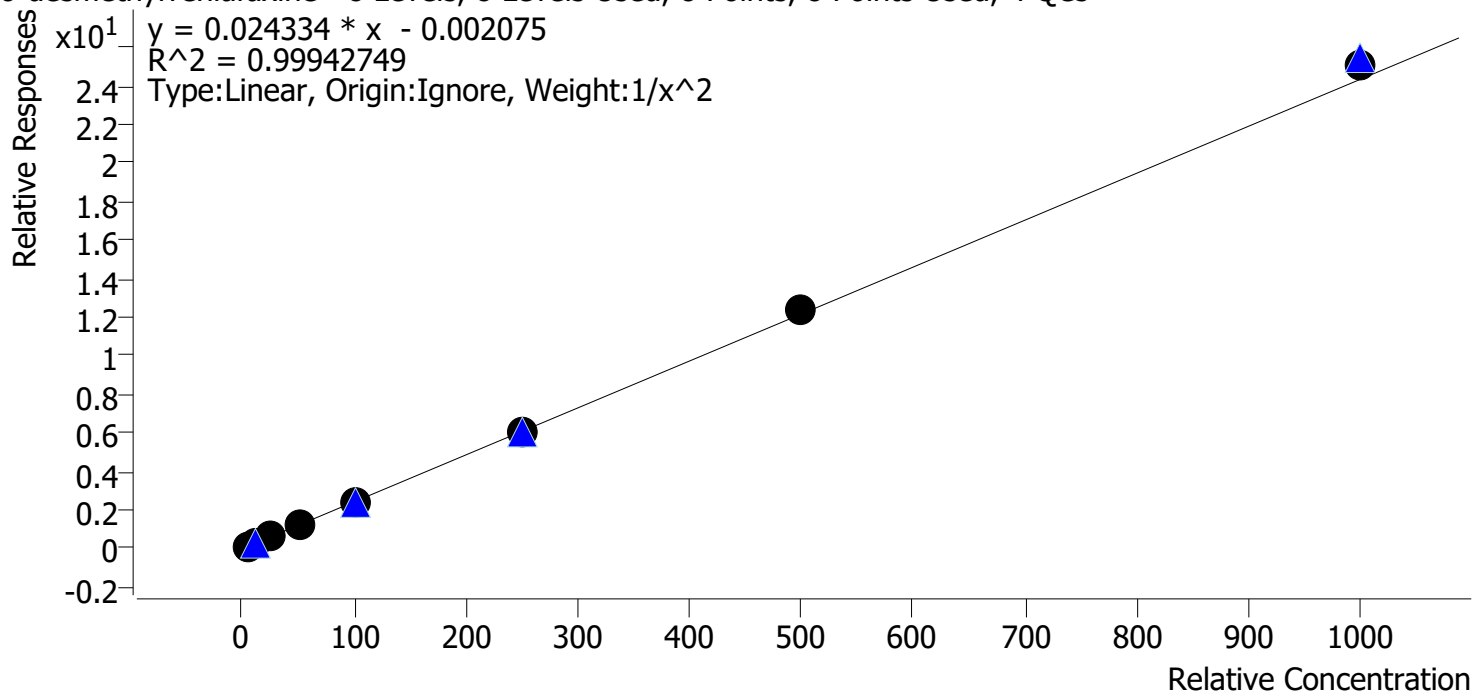
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	260.1	104.0
p1 Cal 7-500ng	7	✓	500.0	486.3	97.3
p1 Cal 8-1000ng	8	✓	1000.0	890.4	89.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 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

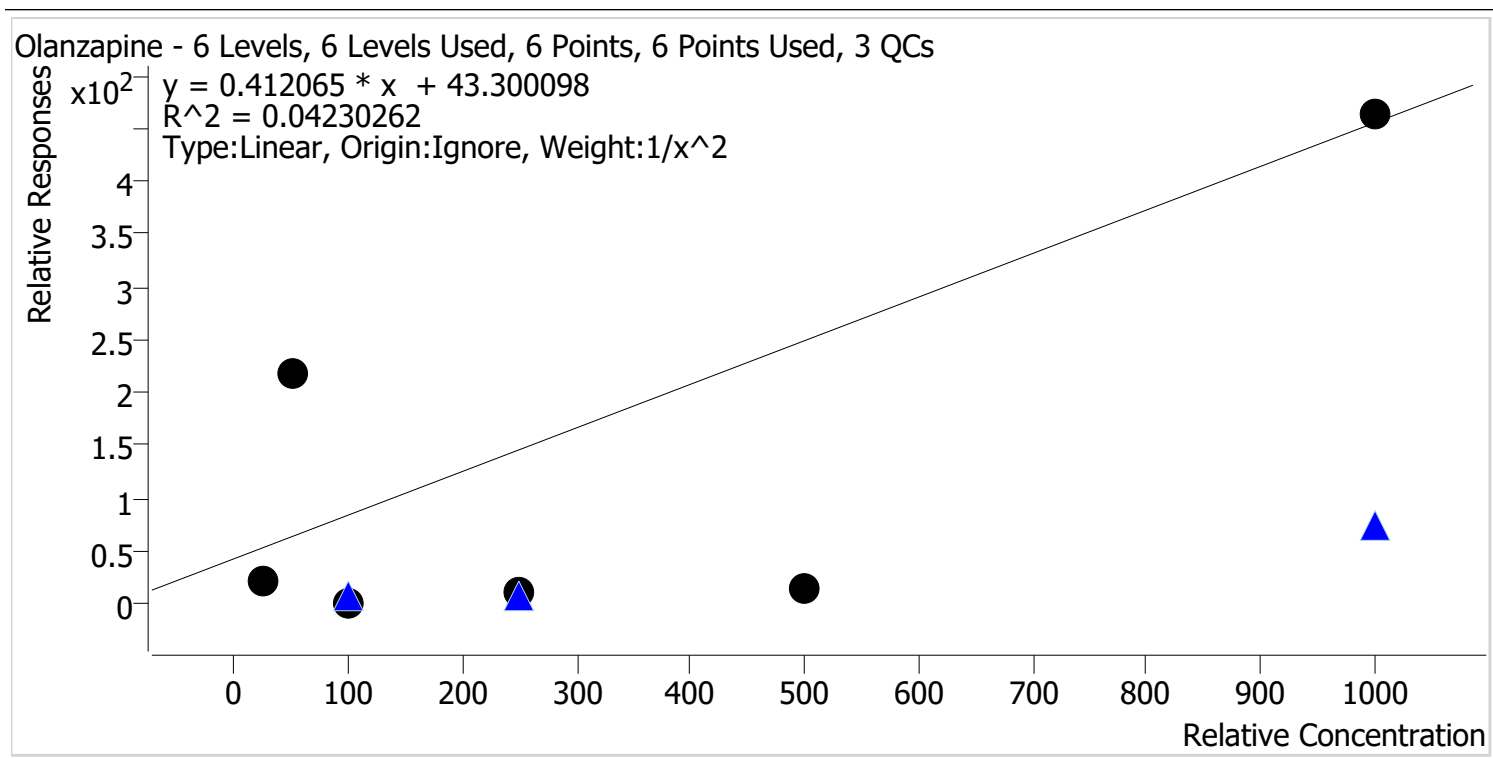


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	248.1	99.2
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1032.8	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8



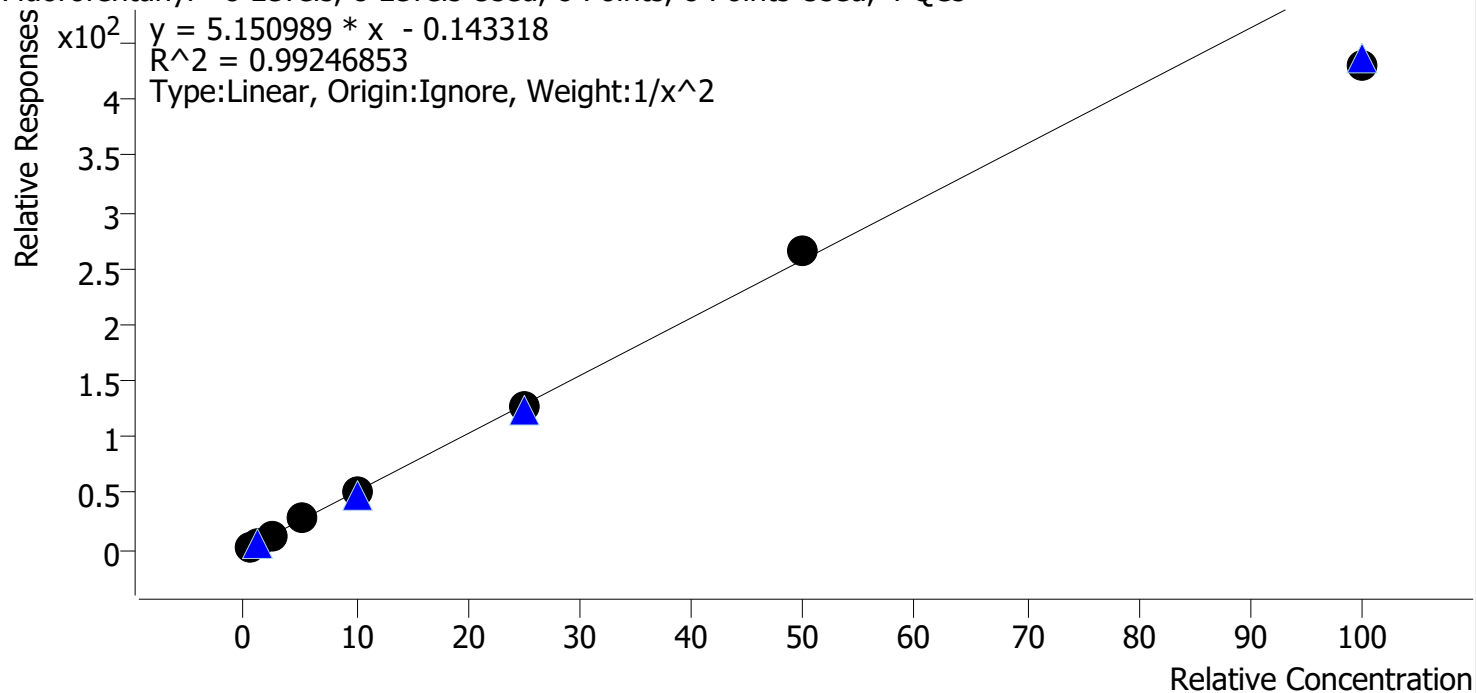
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 3 -25ng	3	✓	25.0	0.0	0.0
p1 Cal 4-50ng	4	✓	50.0	424.7	849.4
p1 Cal 5-100ng	5	✓	100.0	0.0	0.0
p1 Cal 6-250ng	6	✓	250.0	0.0	0.0
p1 Cal 7-500ng	7	✓	500.0	0.0	0.0
p1 Cal 8-1000ng	8	✓	1000.0	1018.3	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

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



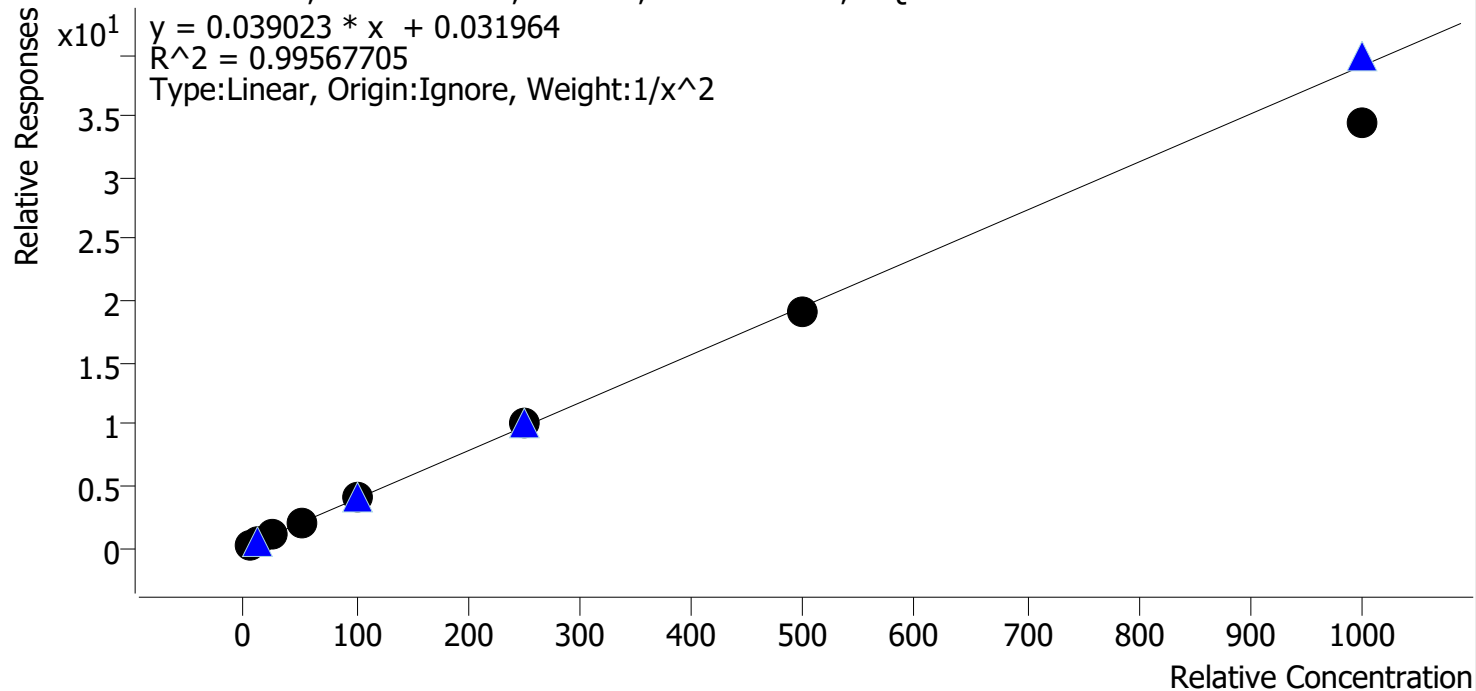
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.6
p1 Cal 2-10ng	2	✓	1.0	1.0	103.8
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.0
p1 Cal 4-50ng	4	✓	5.0	5.5	109.2
p1 Cal 5-100ng	5	✓	10.0	10.1	101.5
p1 Cal 6-250ng	6	✓	25.0	24.6	98.3
p1 Cal 7-500ng	7	✓	50.0	51.8	103.7
p1 Cal 8-1000ng	8	✓	100.0	83.9	83.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

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



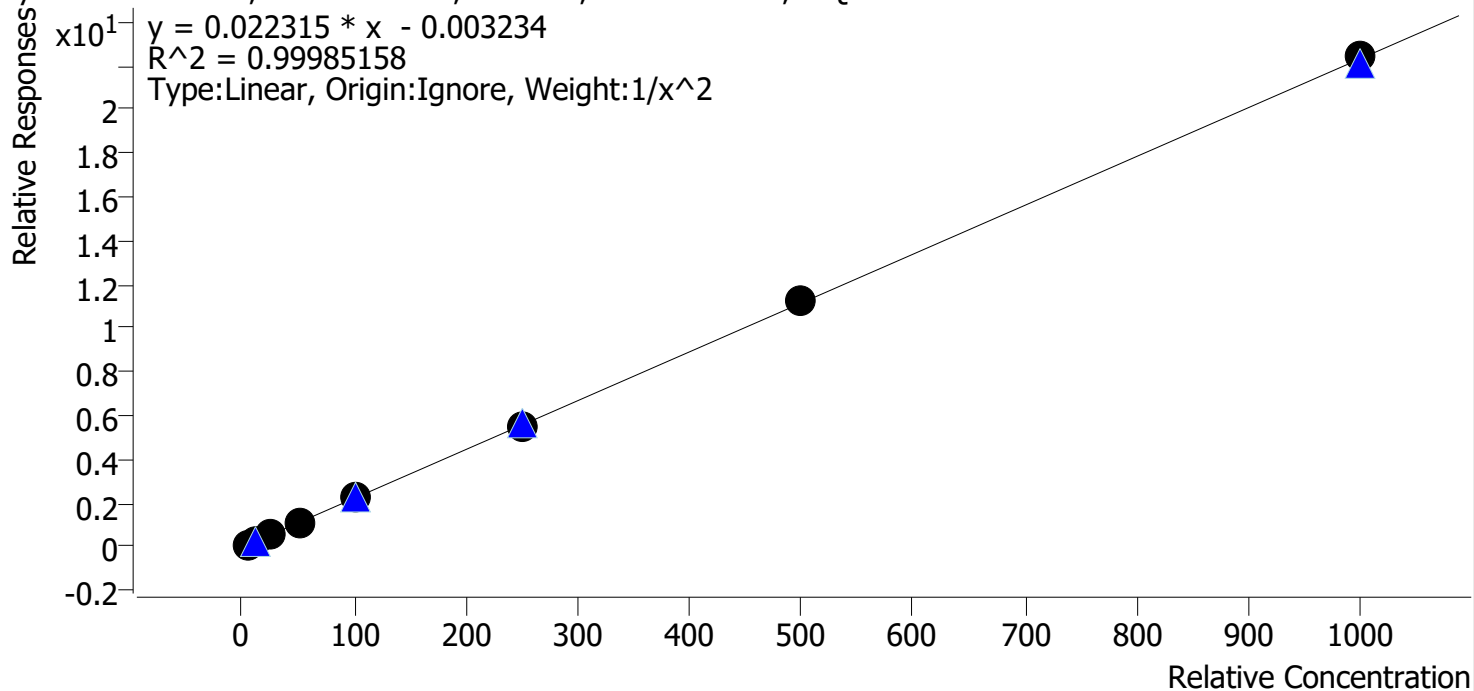
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	879.3	87.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylazine-D6

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



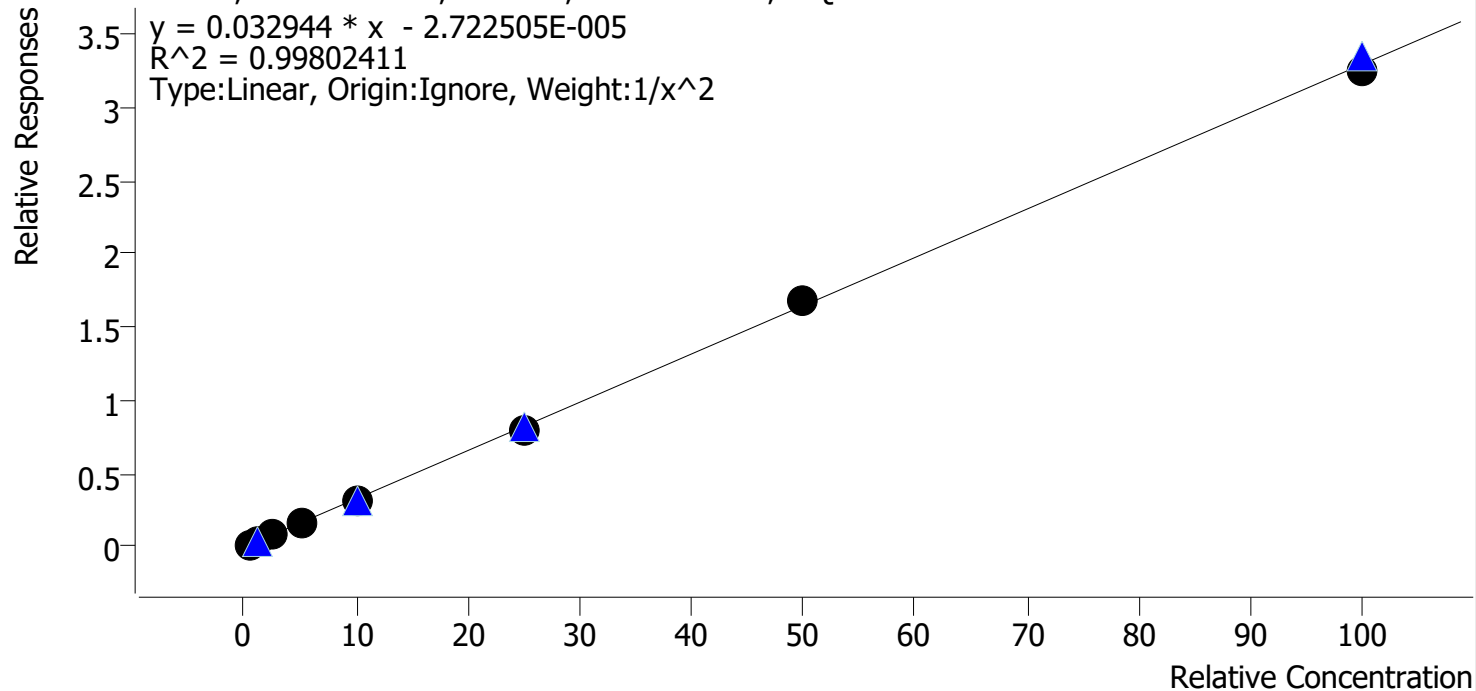
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1004.6	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 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



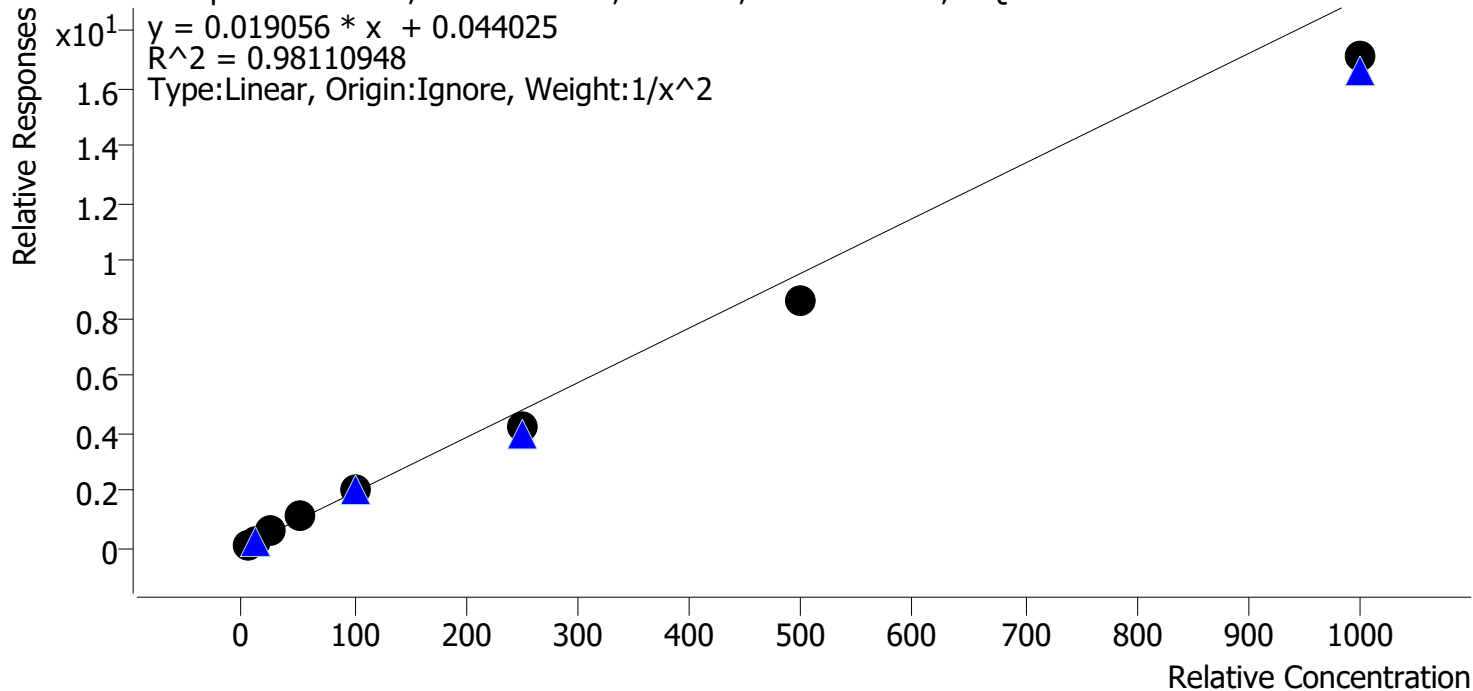
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.5
p1 Cal 2-10ng	2	✓	1.0	1.1	105.2
p1 Cal 3 -25ng	3	✓	2.5	2.7	106.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.3
p1 Cal 5-100ng	5	✓	10.0	9.9	98.6
p1 Cal 6-250ng	6	✓	25.0	23.9	95.6
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	98.4	98.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



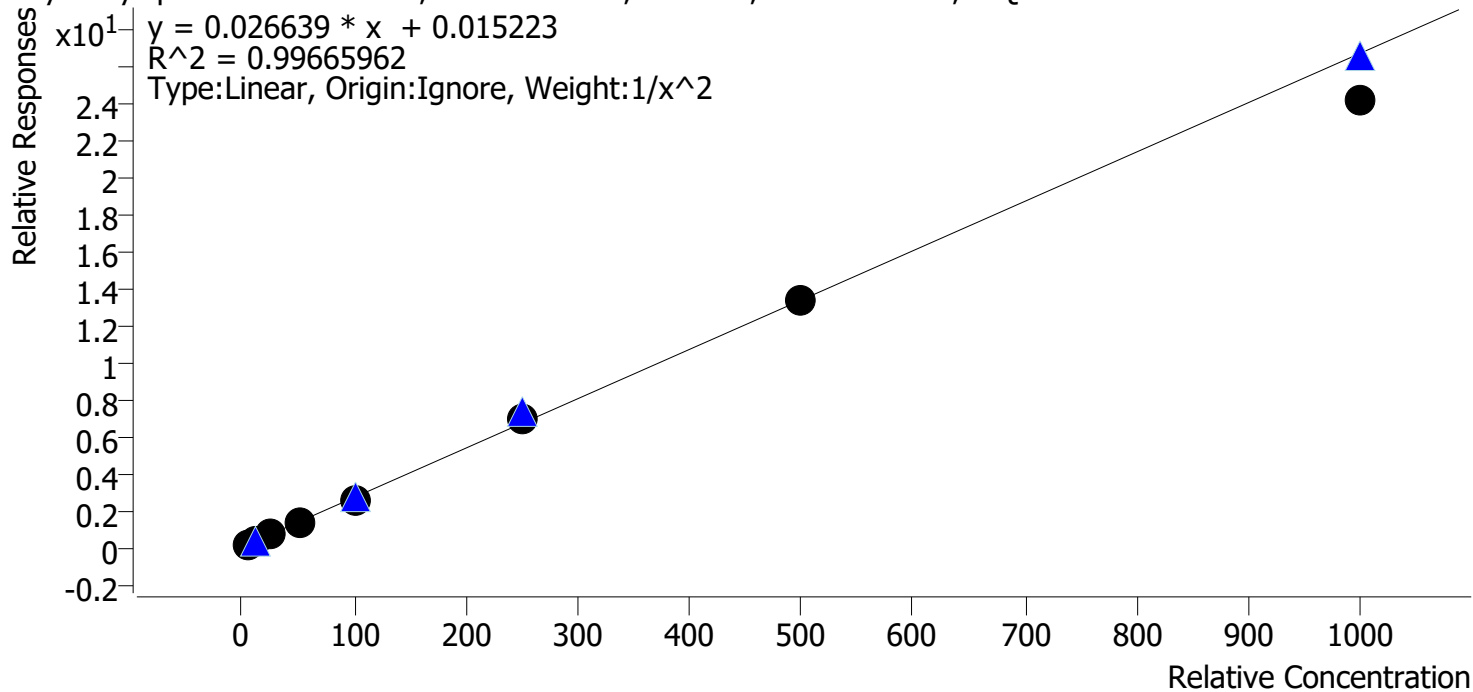
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	29.5	118.1
p1 Cal 4-50ng	4	✓	50.0	58.0	116.1
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	218.5	87.4
p1 Cal 7-500ng	7	✓	500.0	447.3	89.5
p1 Cal 8-1000ng	8	✓	1000.0	894.6	89.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

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

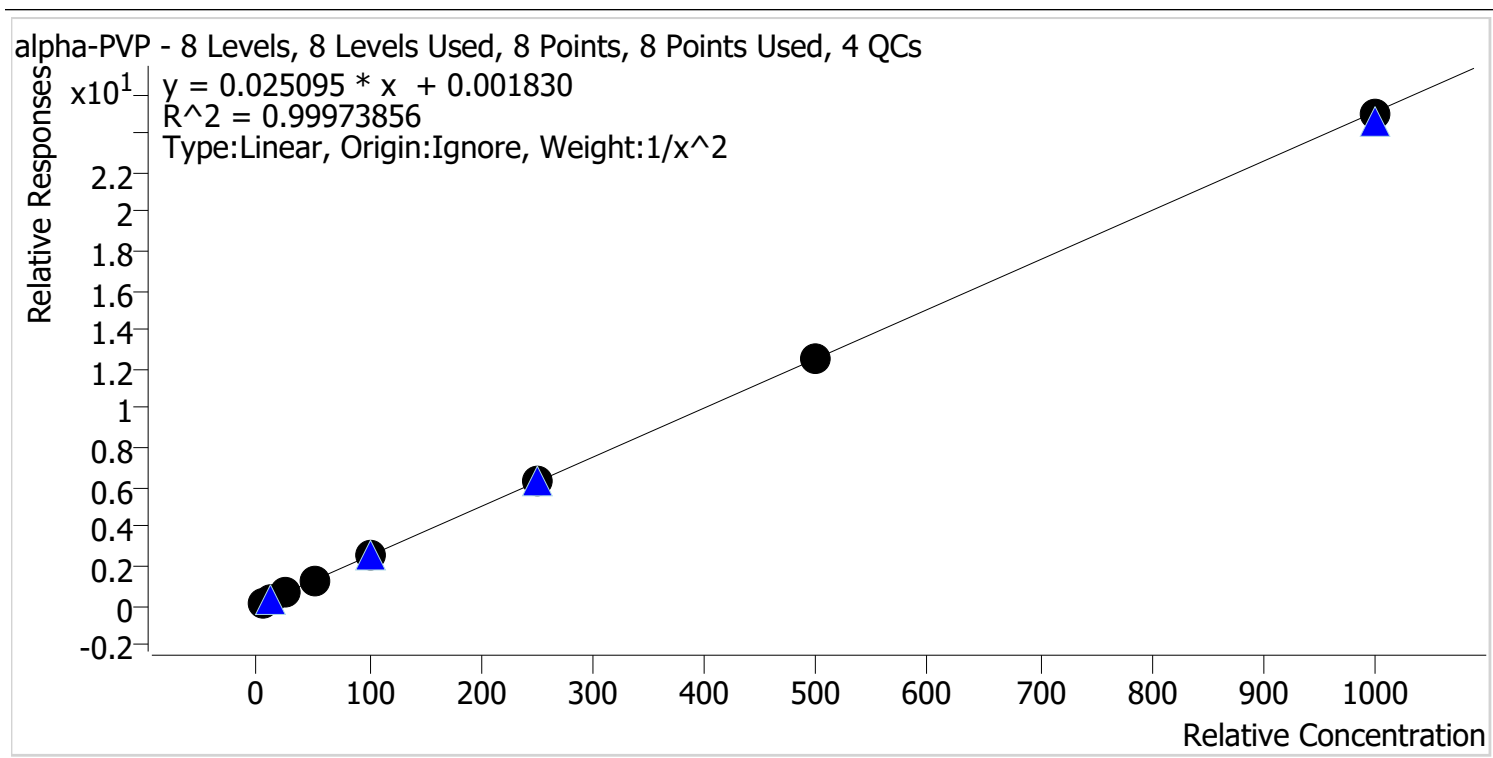


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	258.4	103.4
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	906.2	90.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

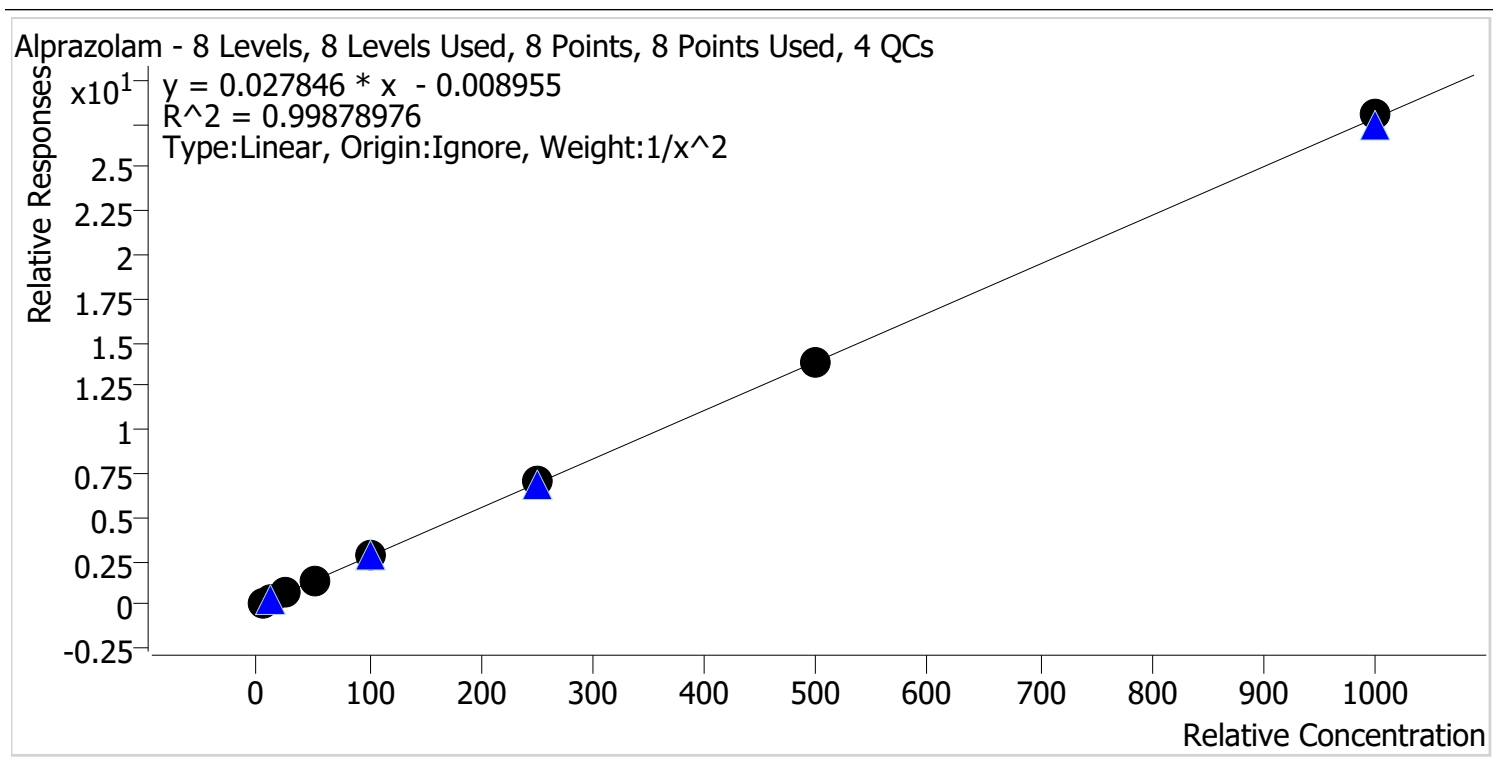


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
p1 Cal 8-1000ng	8	✓	1000.0	994.5	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



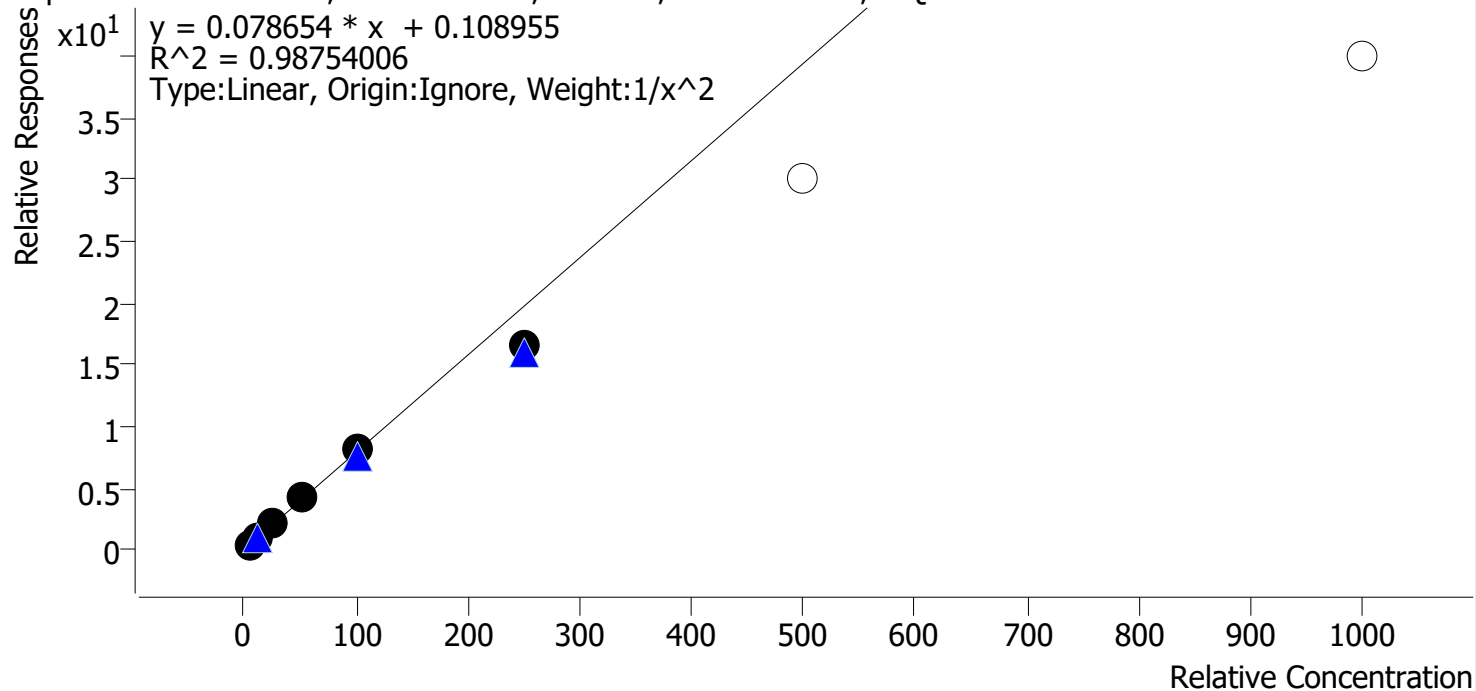
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1007.2	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



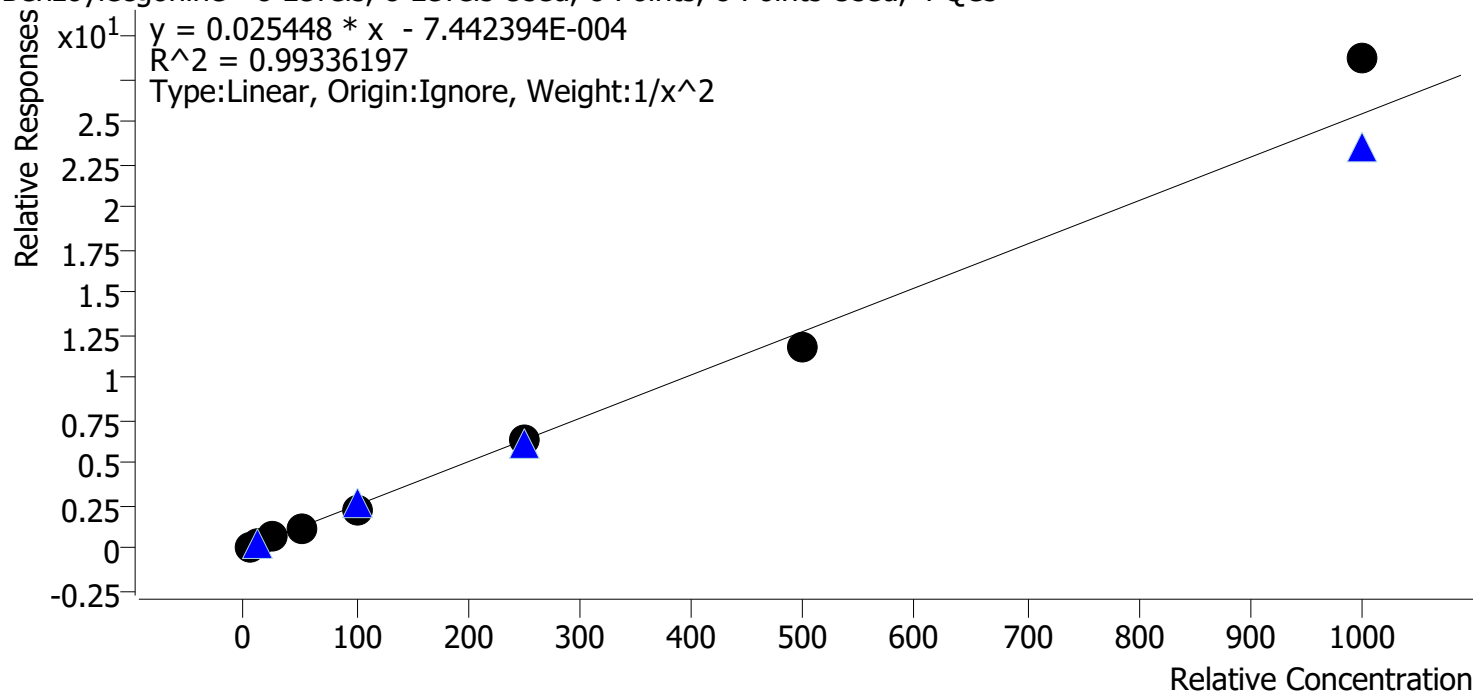
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	208.9	83.6
p1 Cal 7-500ng	7	✗	500.0	382.5	76.5
p1 Cal 8-1000ng	8	✗	1000.0	507.0	50.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



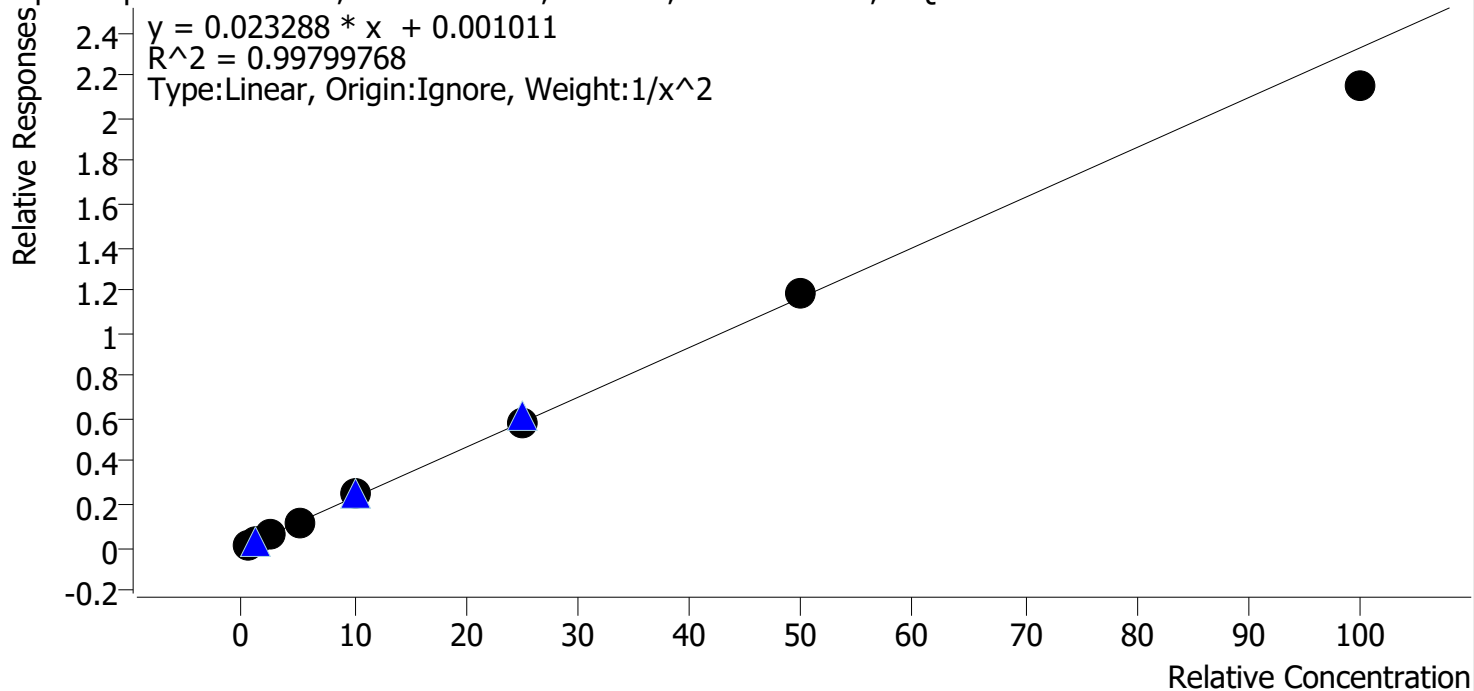
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	90.4	90.4
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	464.2	92.8
p1 Cal 8-1000ng	8	✓	1000.0	1126.6	112.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

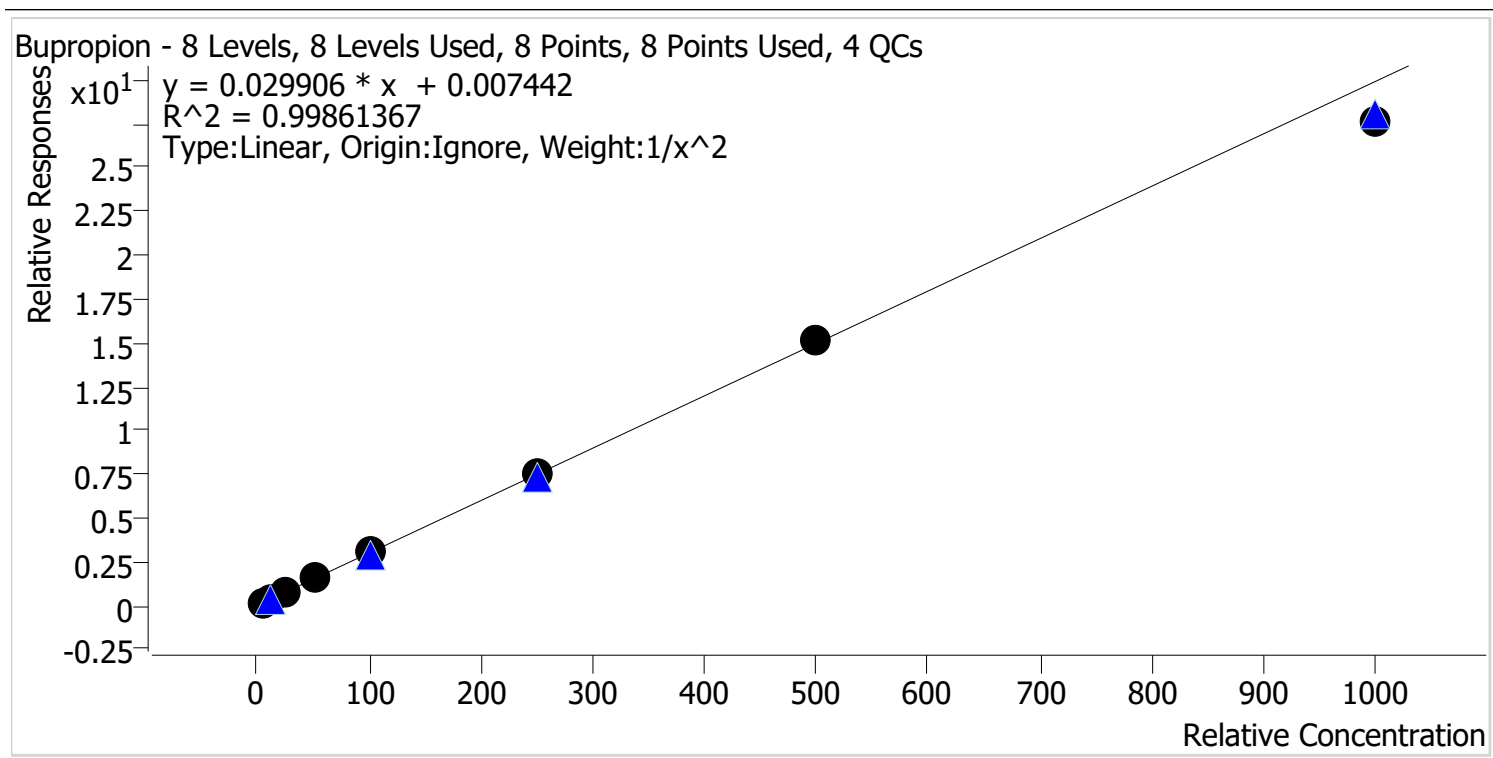
Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.5
p1 Cal 2-10ng	2	✓	1.0	1.0	97.3
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.7
p1 Cal 5-100ng	5	✓	10.0	10.5	105.2
p1 Cal 6-250ng	6	✓	25.0	24.8	99.3
p1 Cal 7-500ng	7	✓	50.0	51.0	101.9
p1 Cal 8-1000ng	8	✓	100.0	92.3	92.3

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



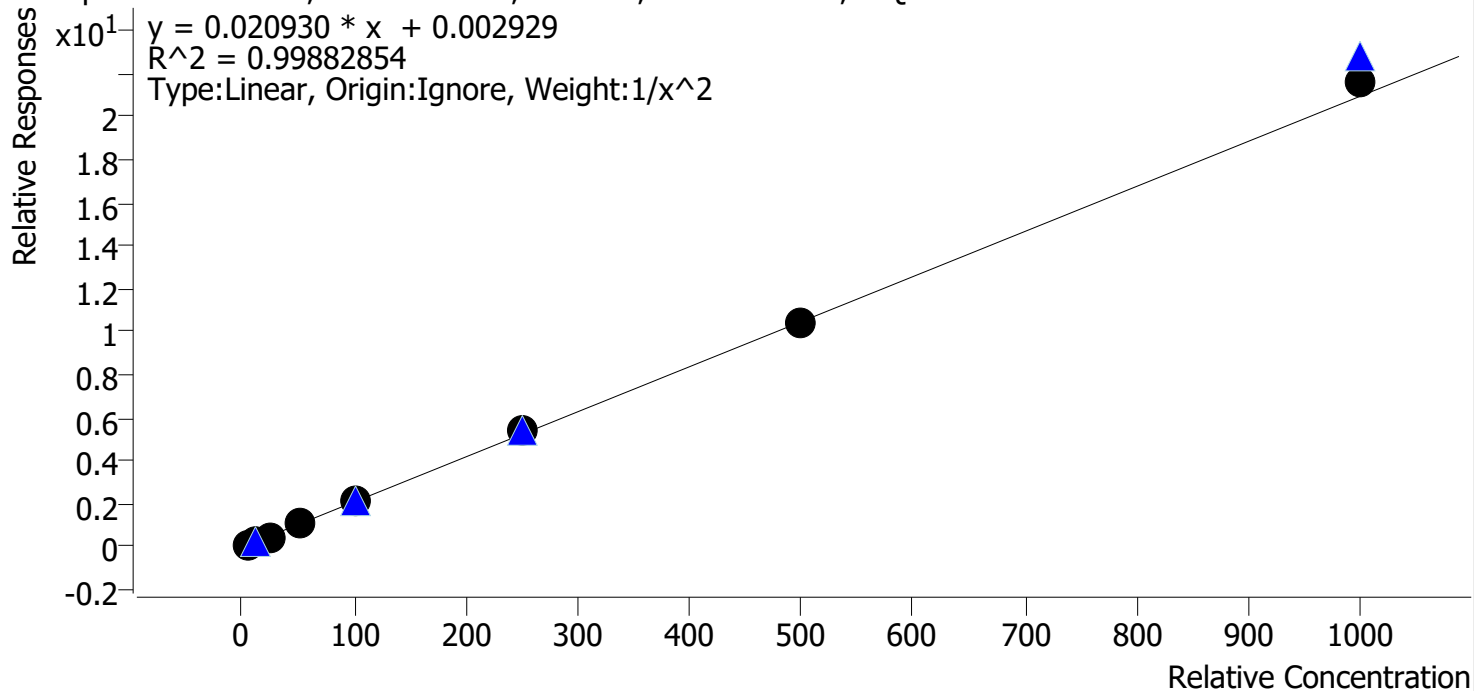
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	925.1	92.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



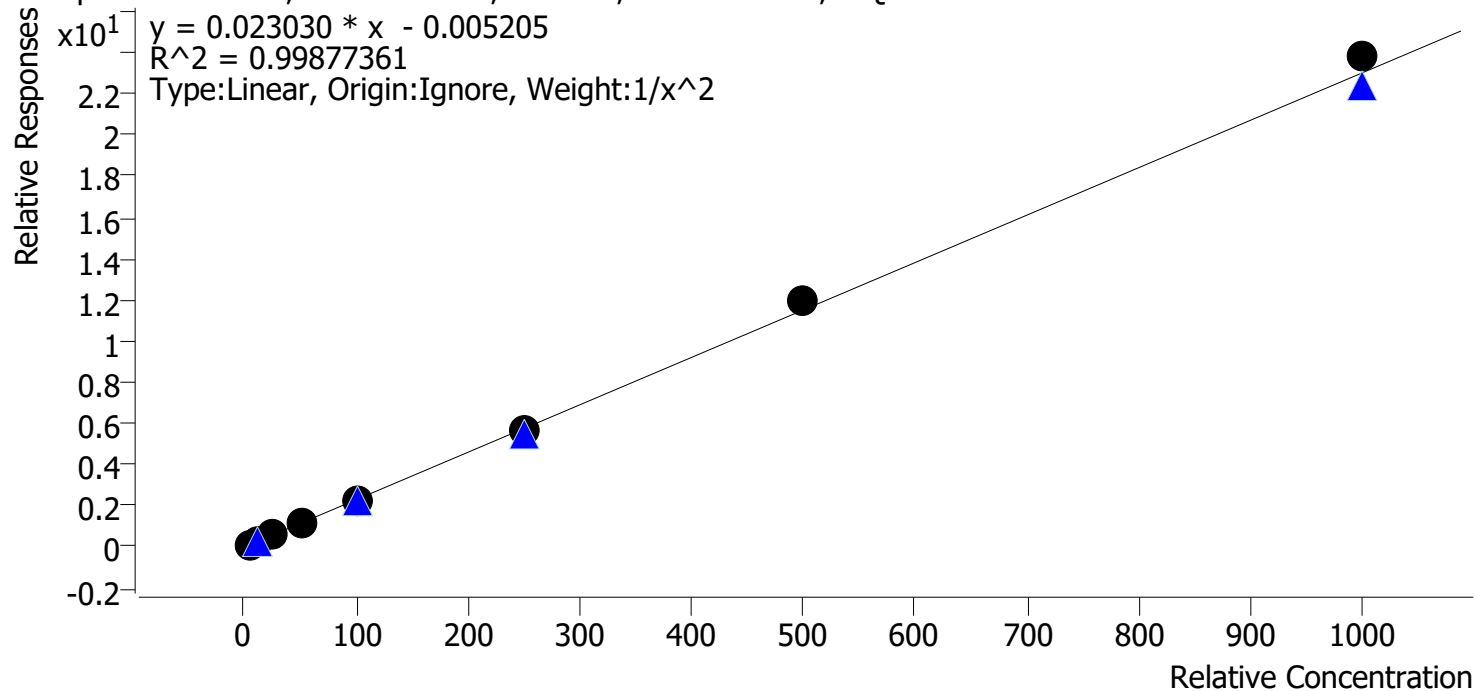
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1034.6	103.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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

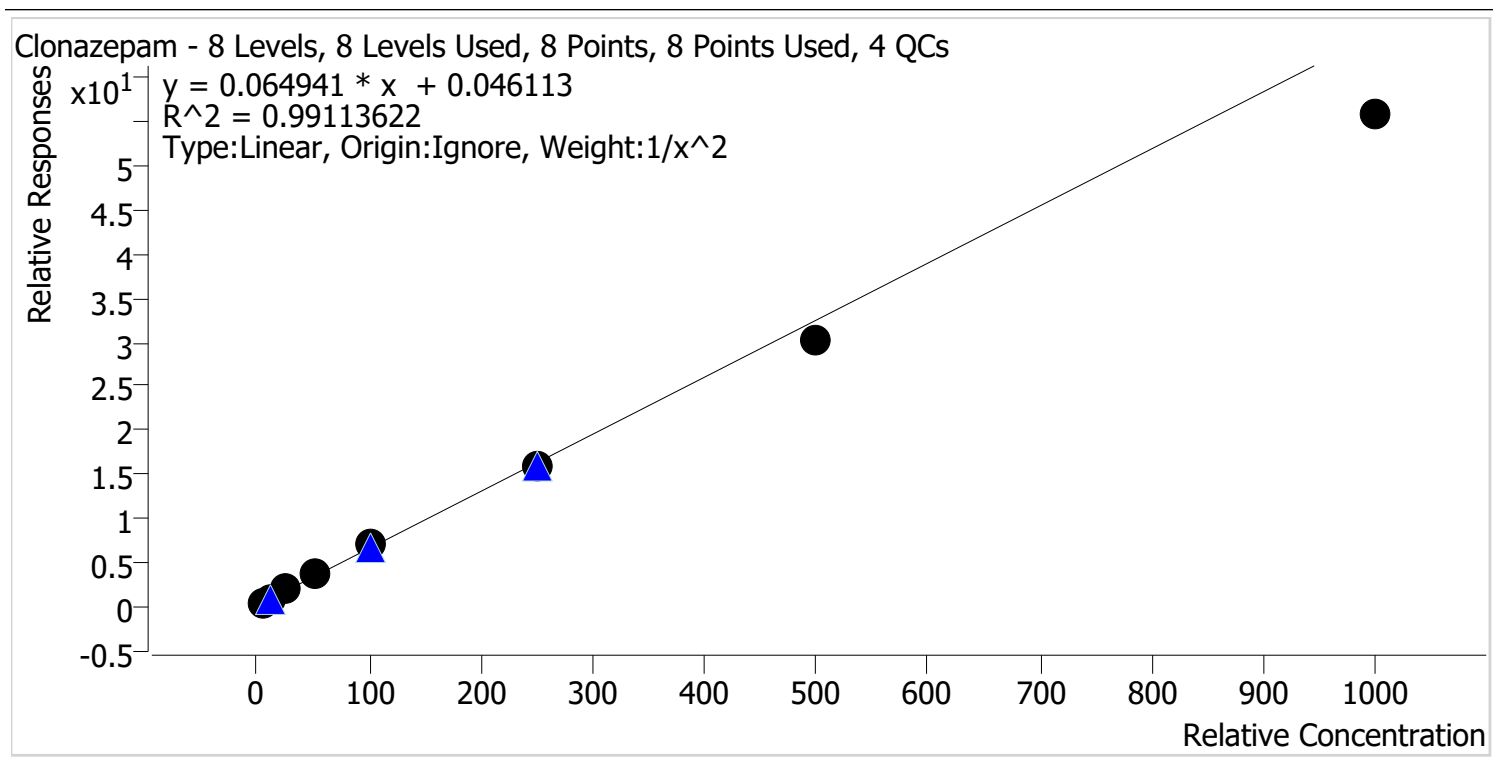


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	522.4	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1034.3	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



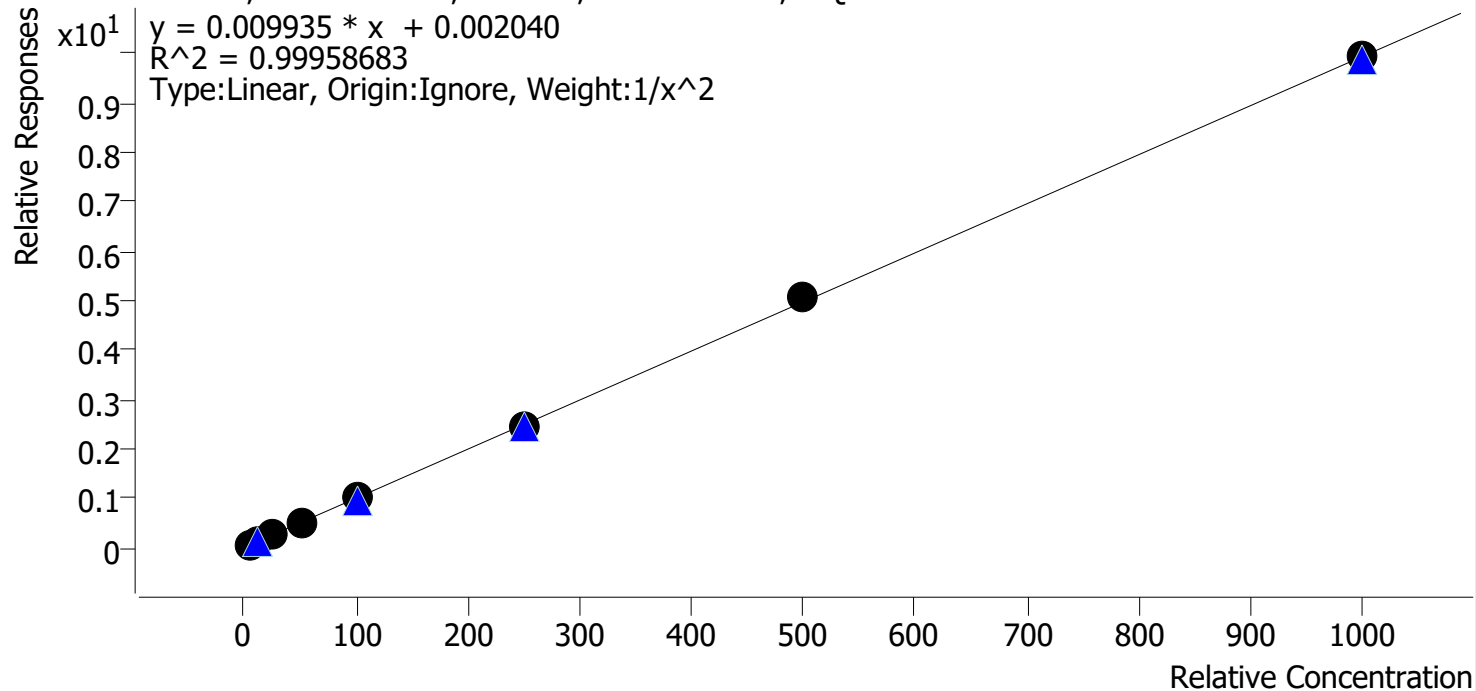
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	467.8	93.6
p1 Cal 8-1000ng	8	✓	1000.0	860.0	86.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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



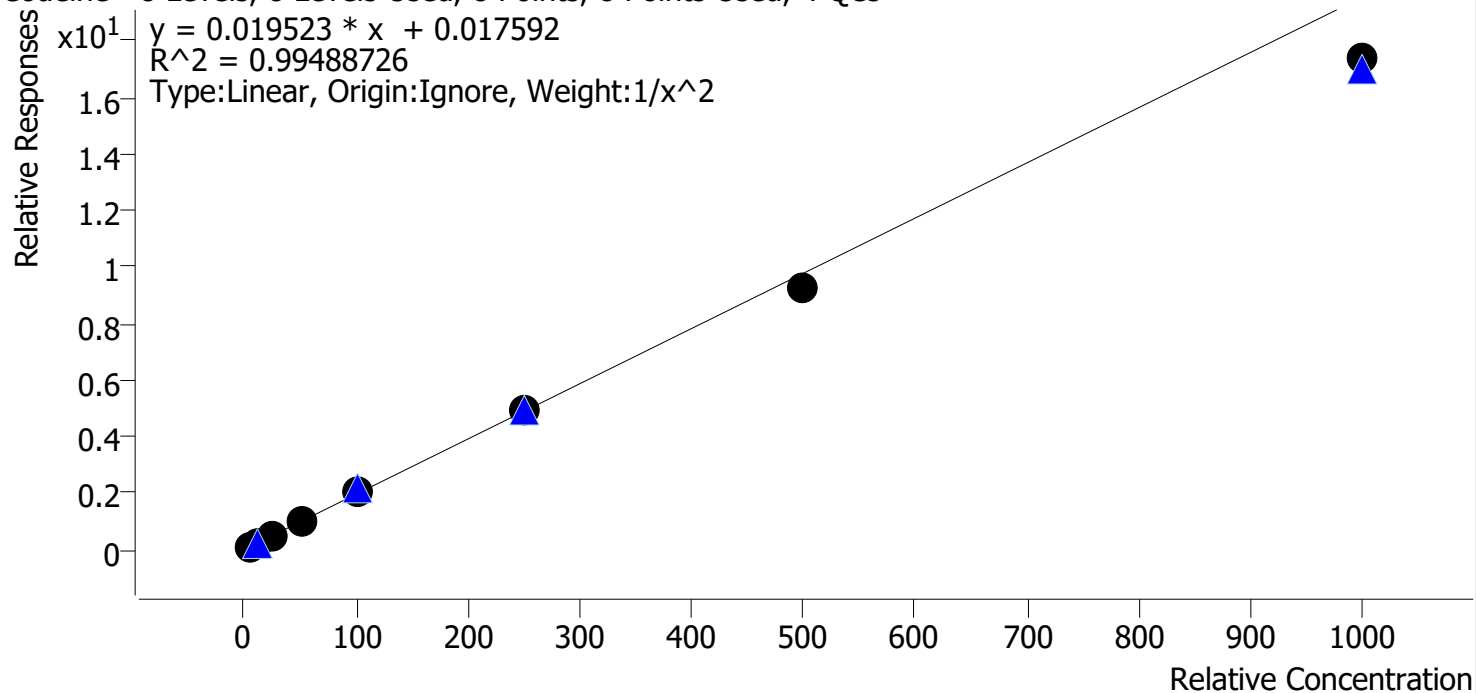
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	511.1	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1000.1	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



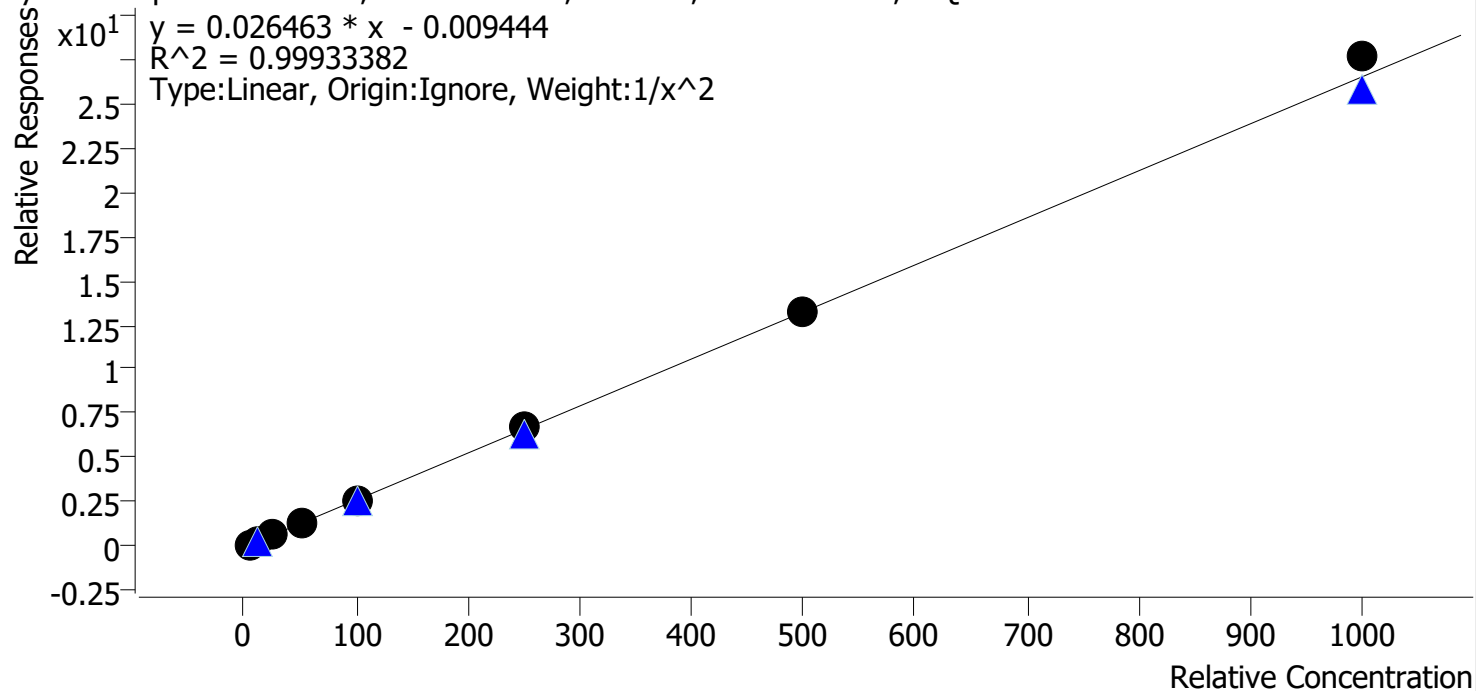
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	473.2	94.6
p1 Cal 8-1000ng	8	✓	1000.0	888.9	88.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



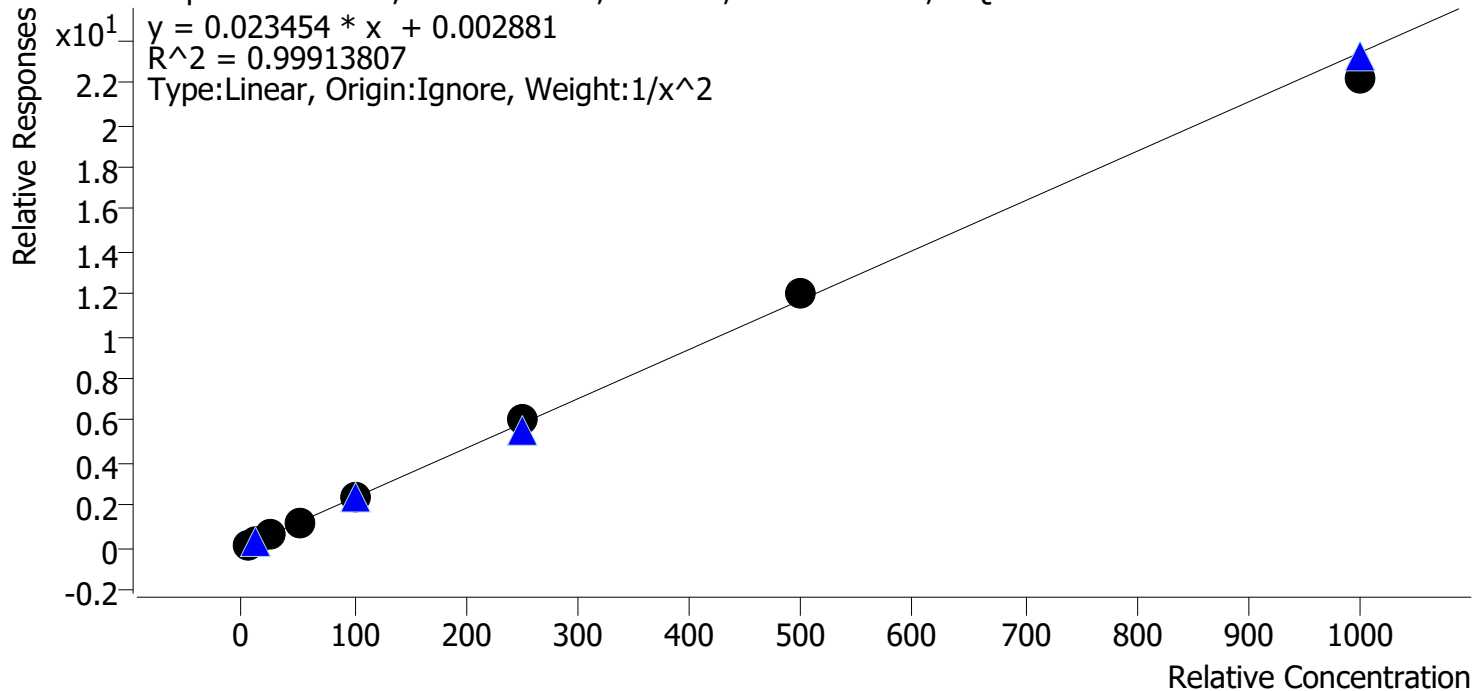
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1042.9	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

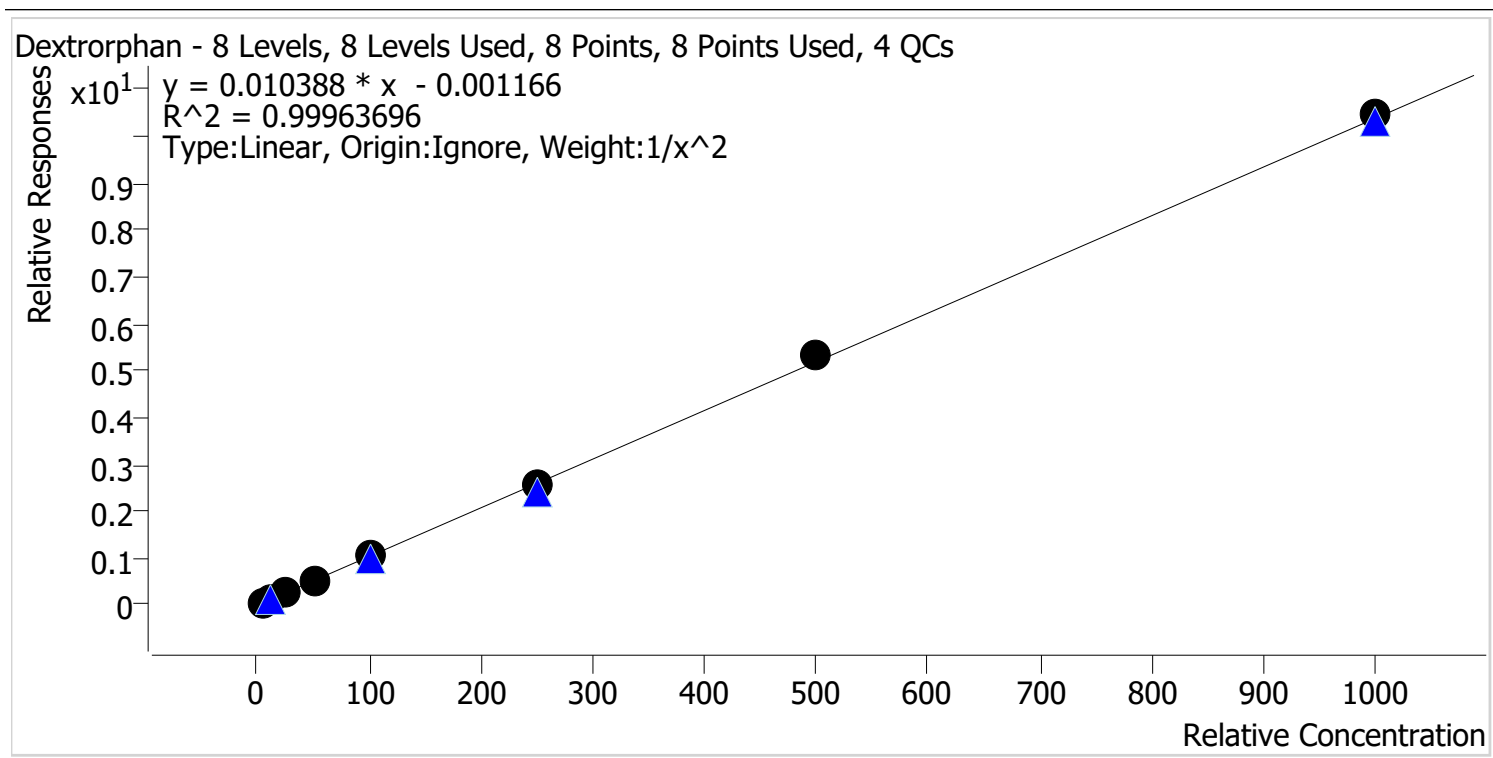


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	513.2	102.6
p1 Cal 8-1000ng	8	✓	1000.0	949.6	95.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

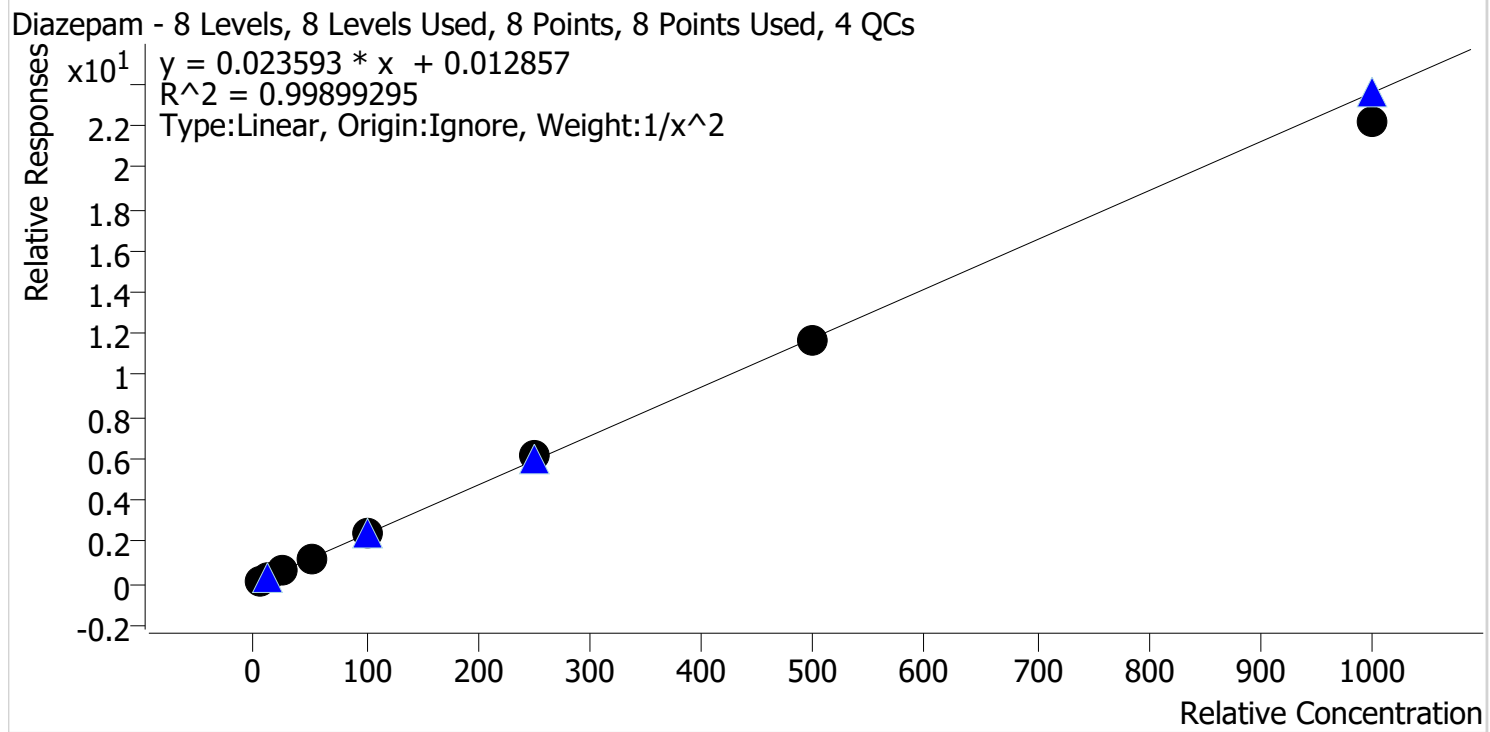


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	514.1	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1007.8	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



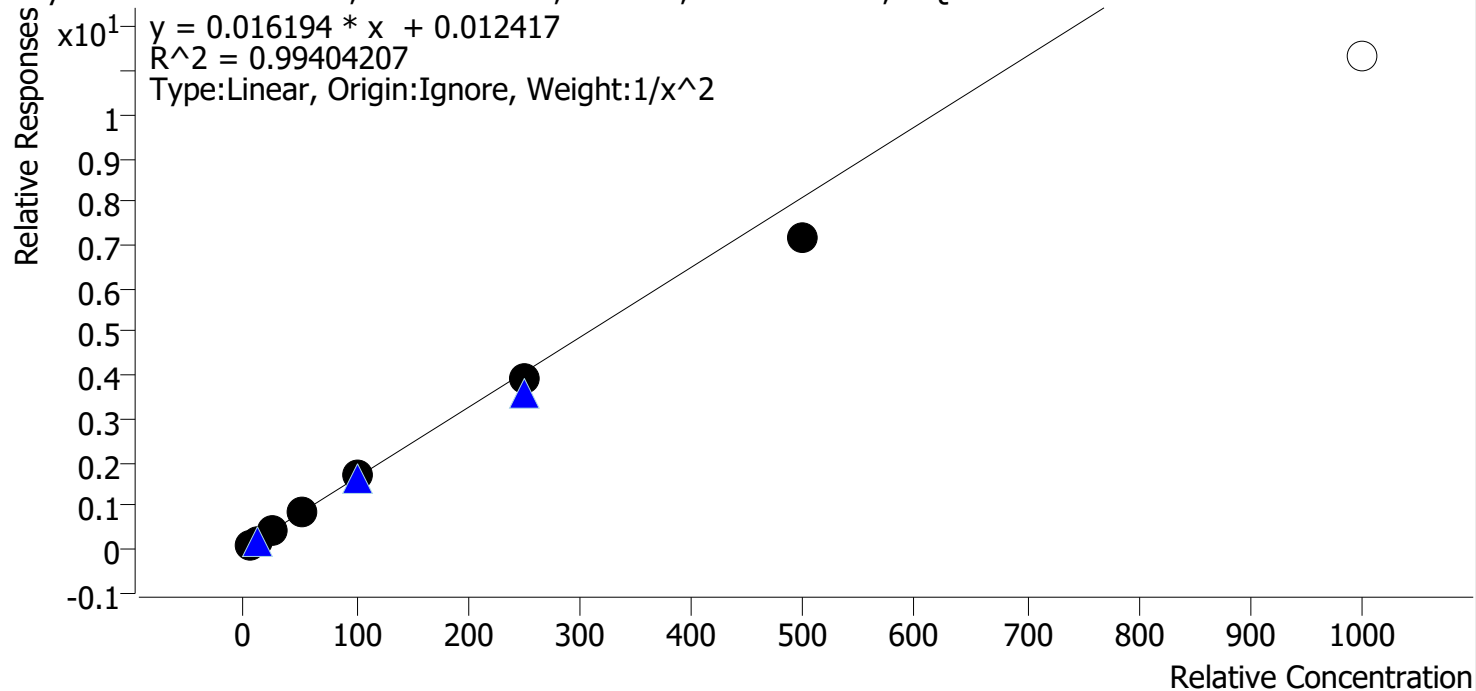
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	941.6	94.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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

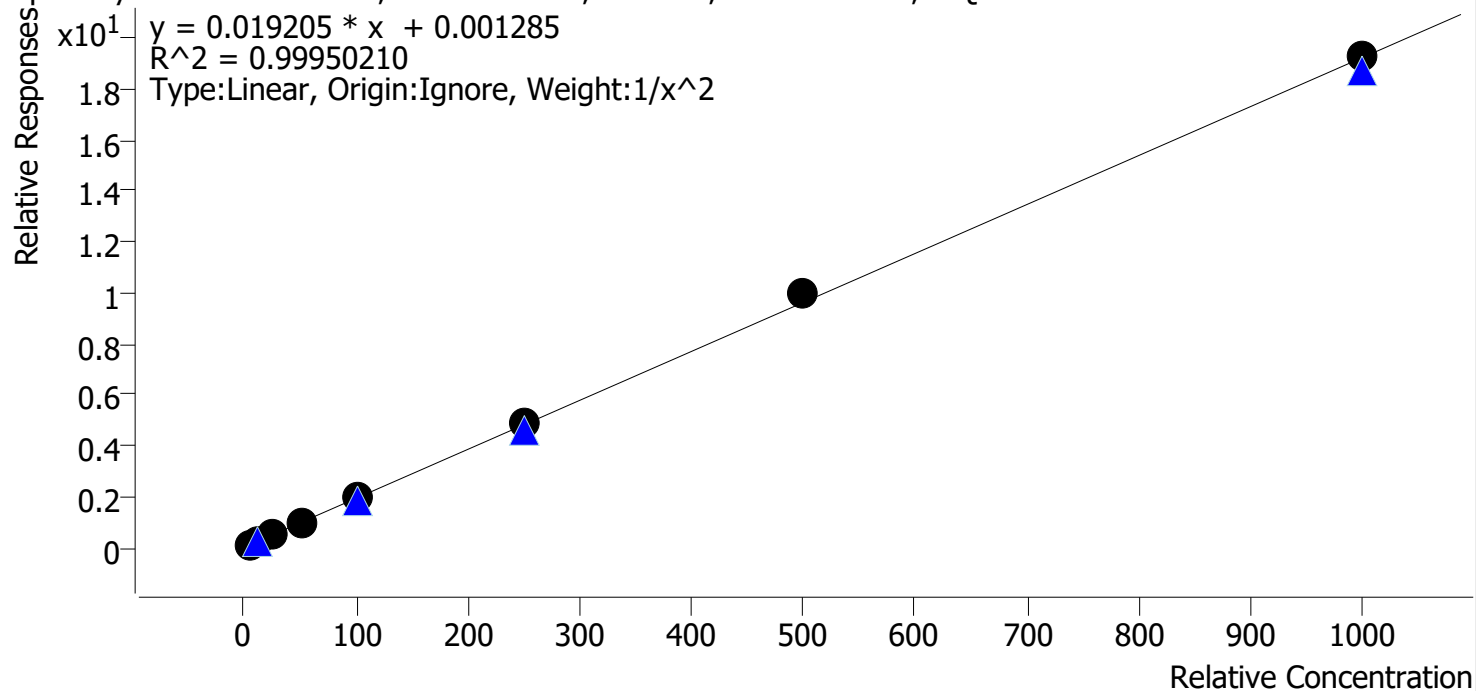


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	240.1	96.0
p1 Cal 7-500ng	7	✓	500.0	442.0	88.4
p1 Cal 8-1000ng	8	✗	1000.0	699.6	70.0

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

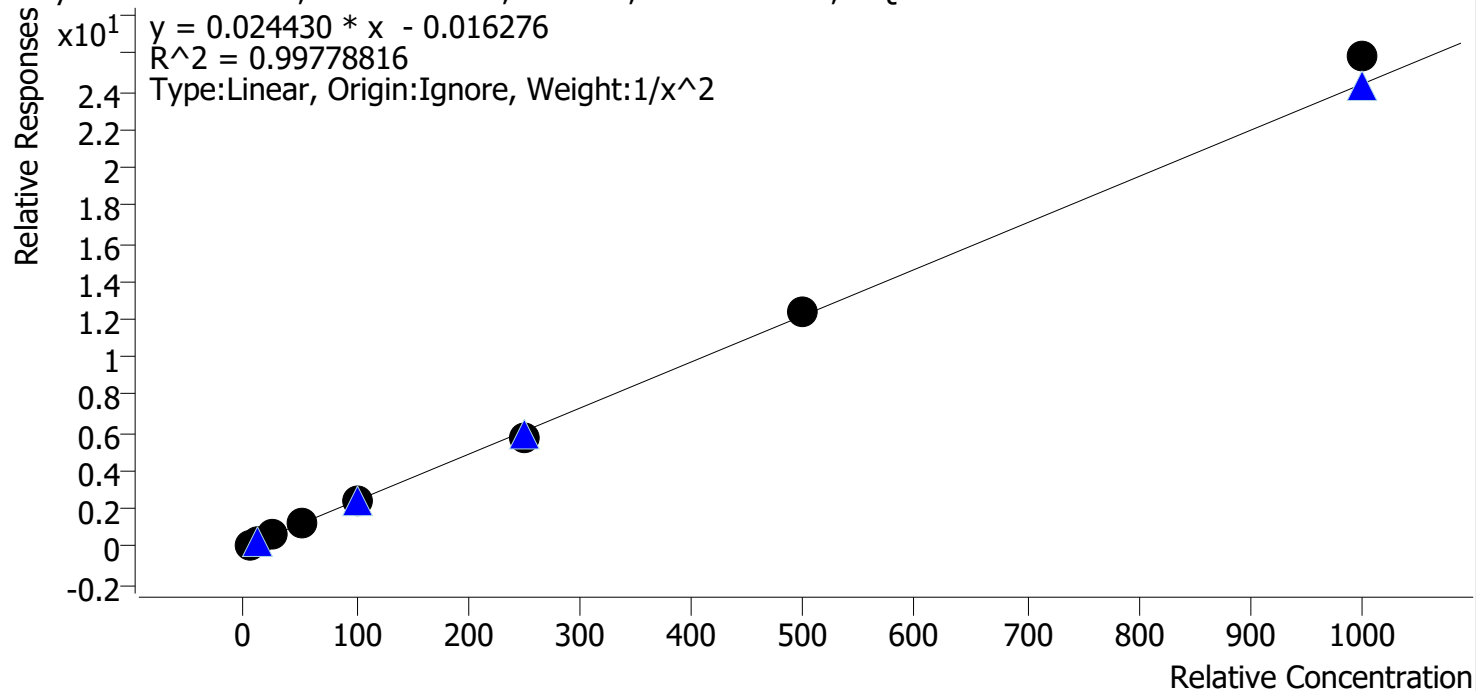


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	515.7	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1002.2	100.2

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



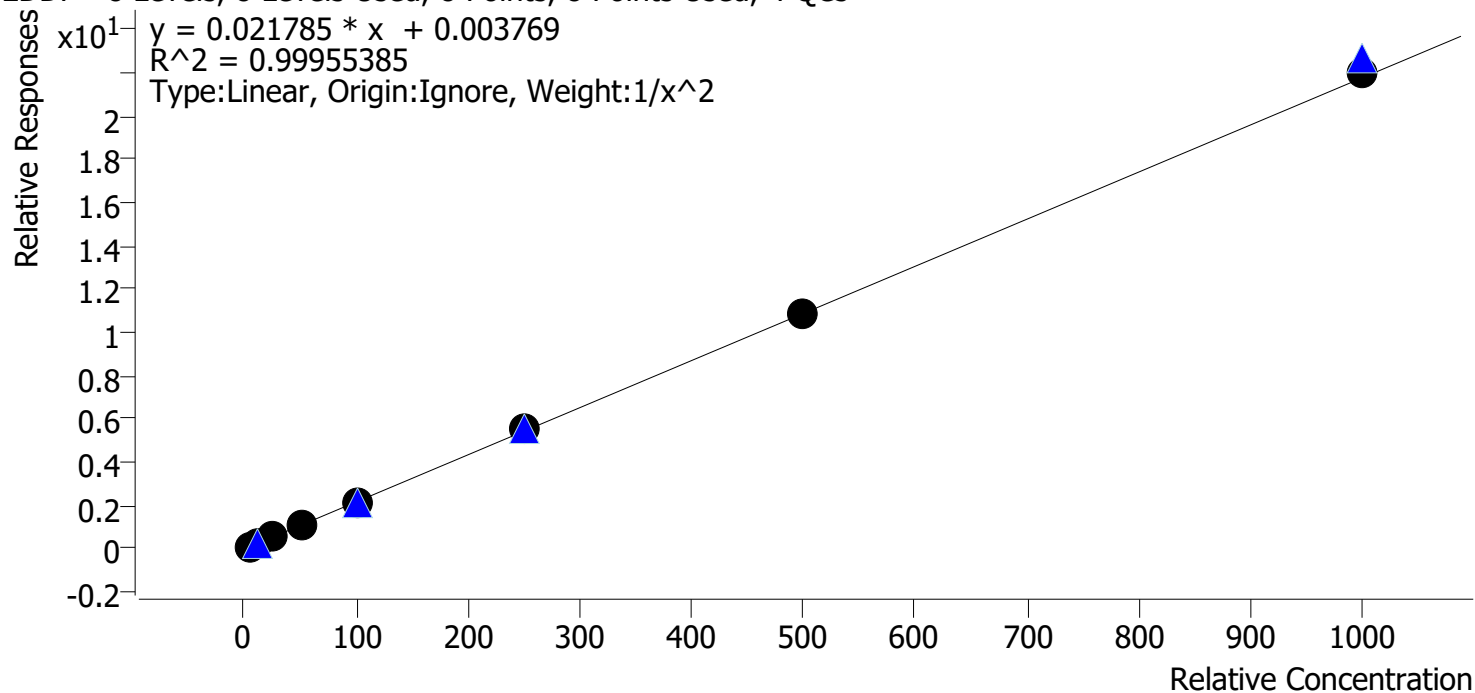
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.4	94.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1059.2	105.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



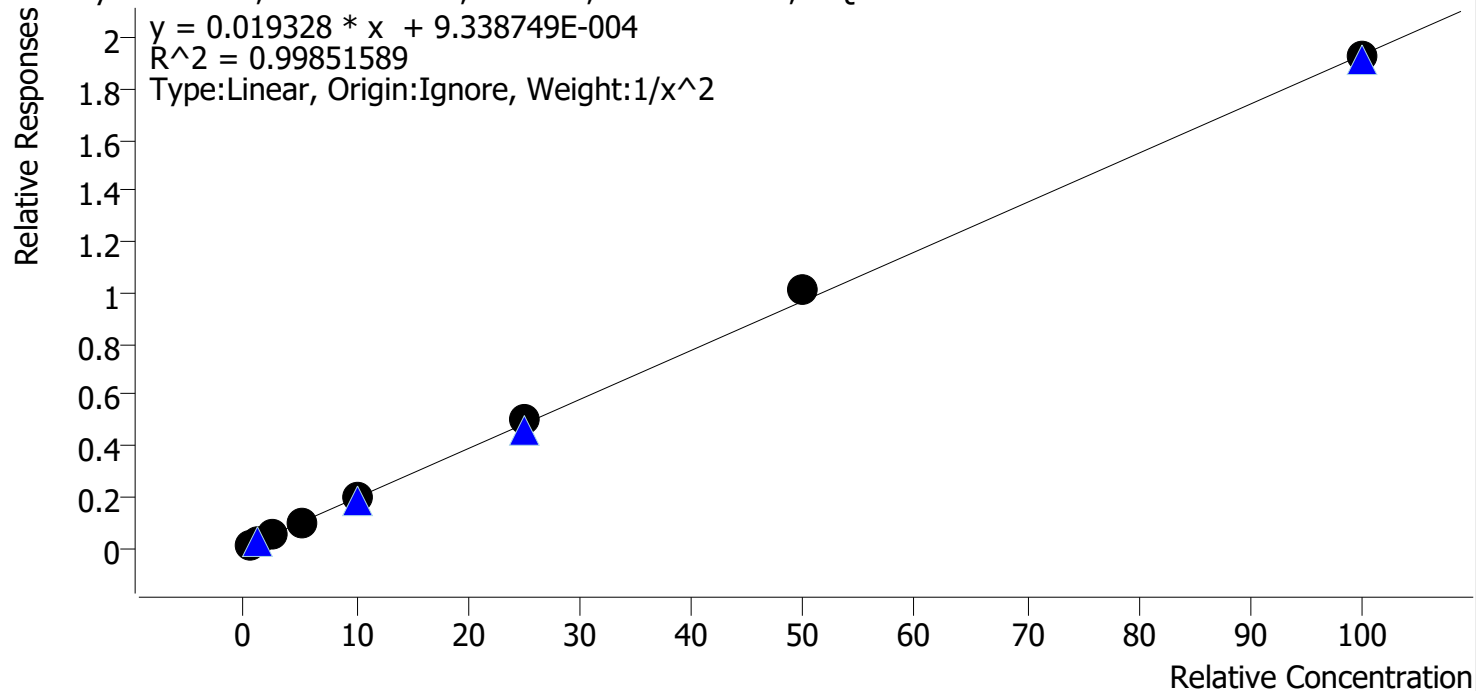
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1012.4	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

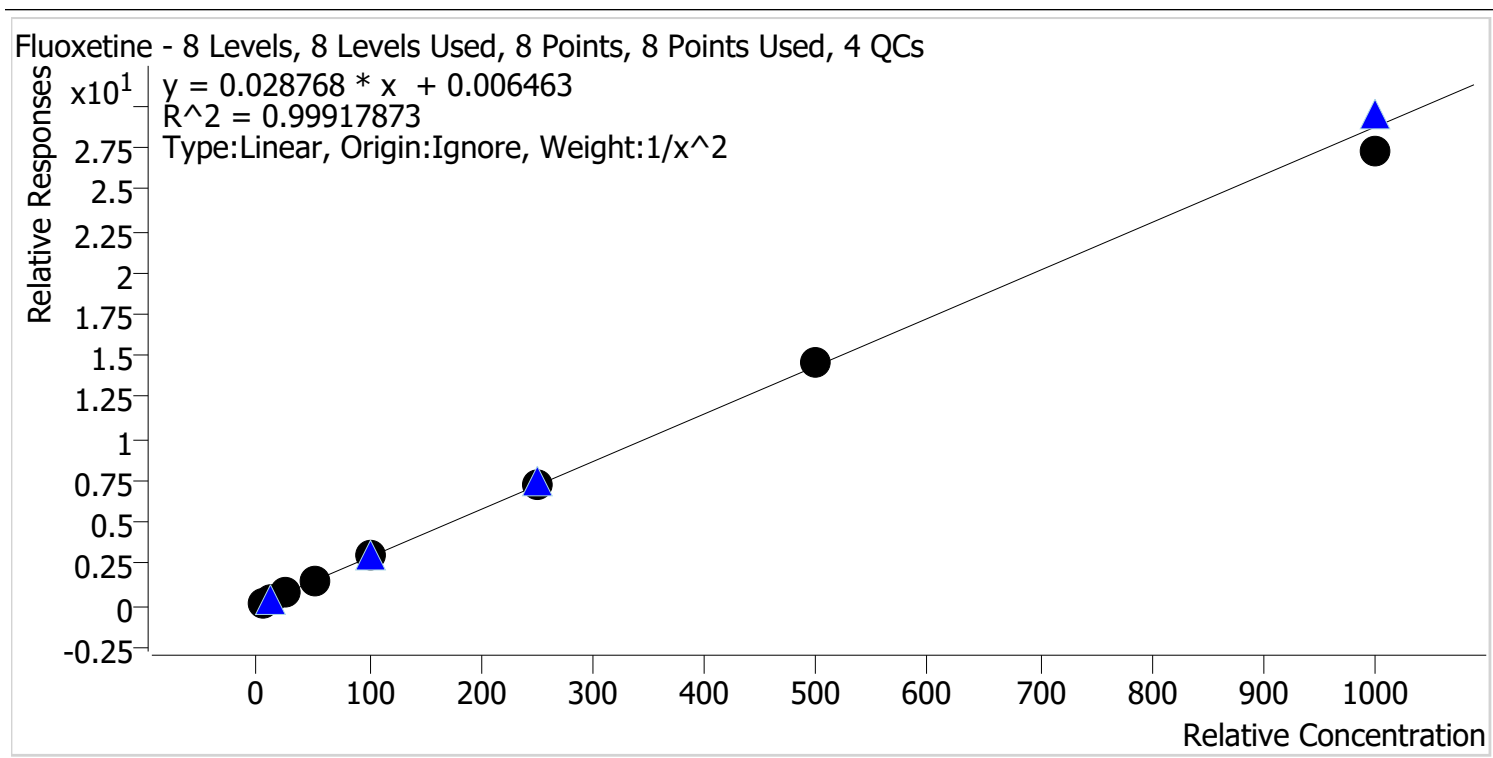


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.2
p1 Cal 2-10ng	2	✓	1.0	1.0	100.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.9
p1 Cal 4-50ng	4	✓	5.0	5.0	100.4
p1 Cal 5-100ng	5	✓	10.0	9.9	98.7
p1 Cal 6-250ng	6	✓	25.0	25.6	102.6
p1 Cal 7-500ng	7	✓	50.0	52.1	104.2
p1 Cal 8-1000ng	8	✓	100.0	99.6	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



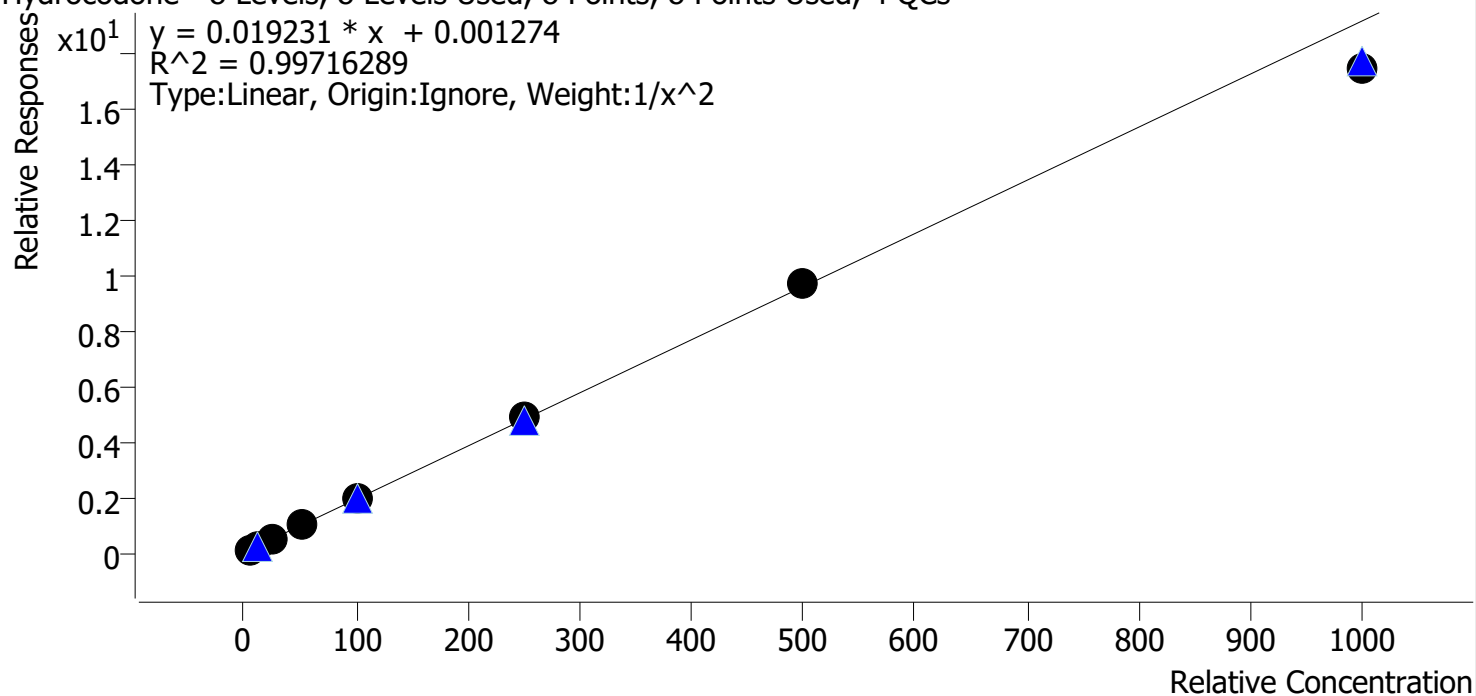
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✓	1000.0	952.0	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



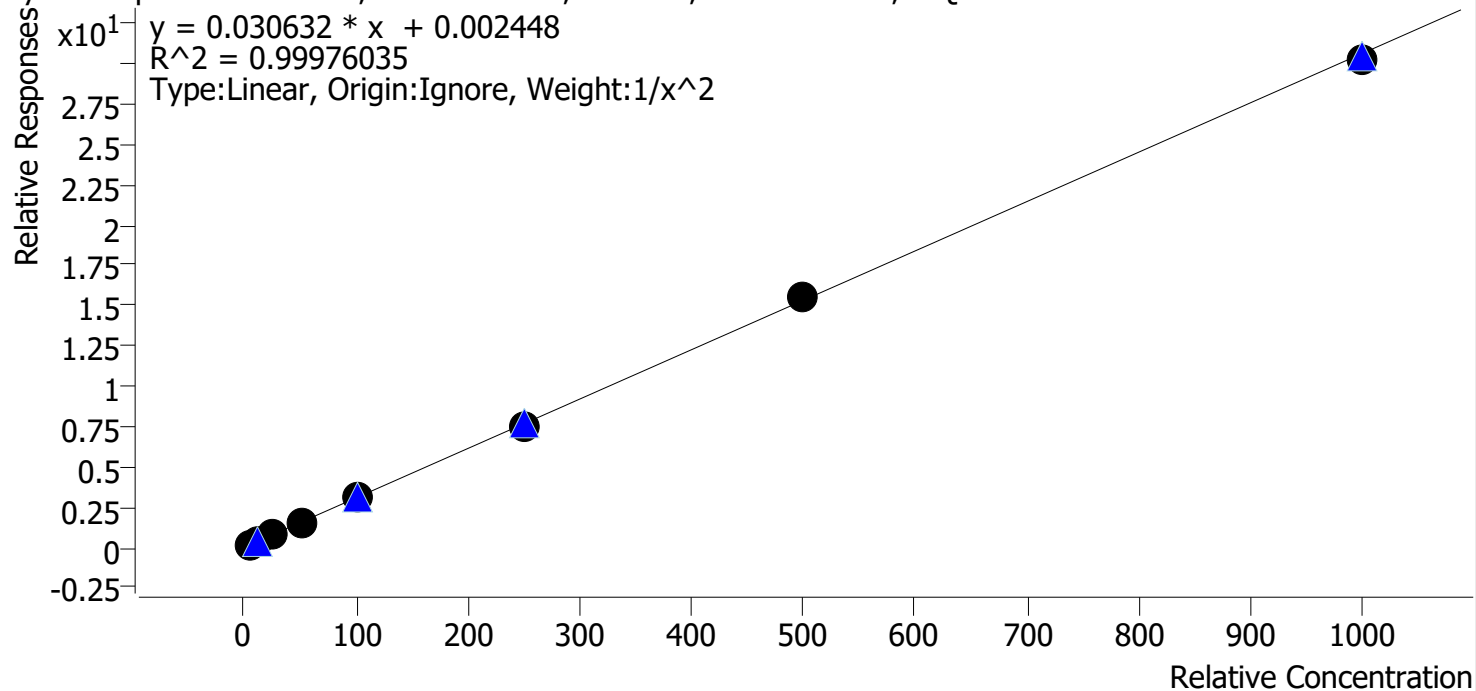
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.6	106.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	910.7	91.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

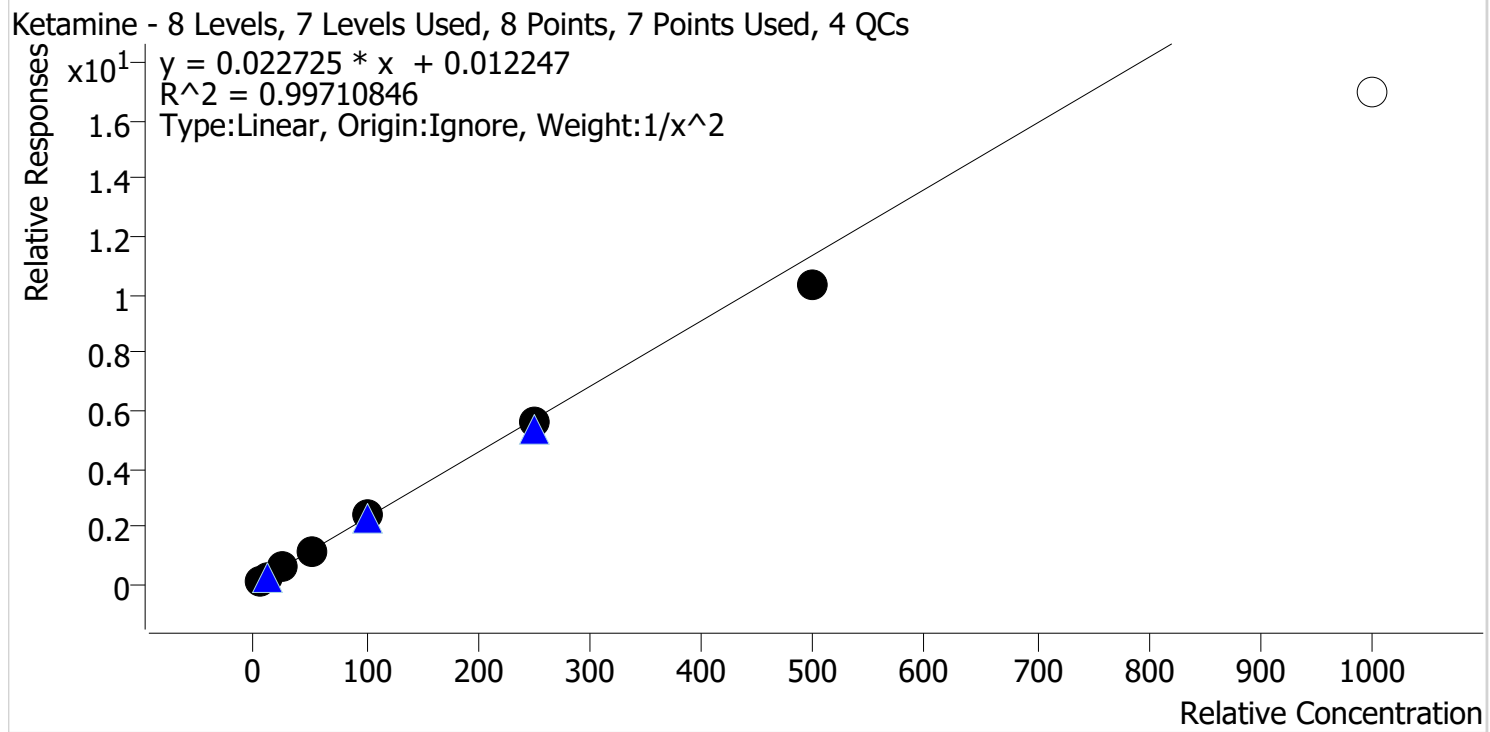


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	986.2	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



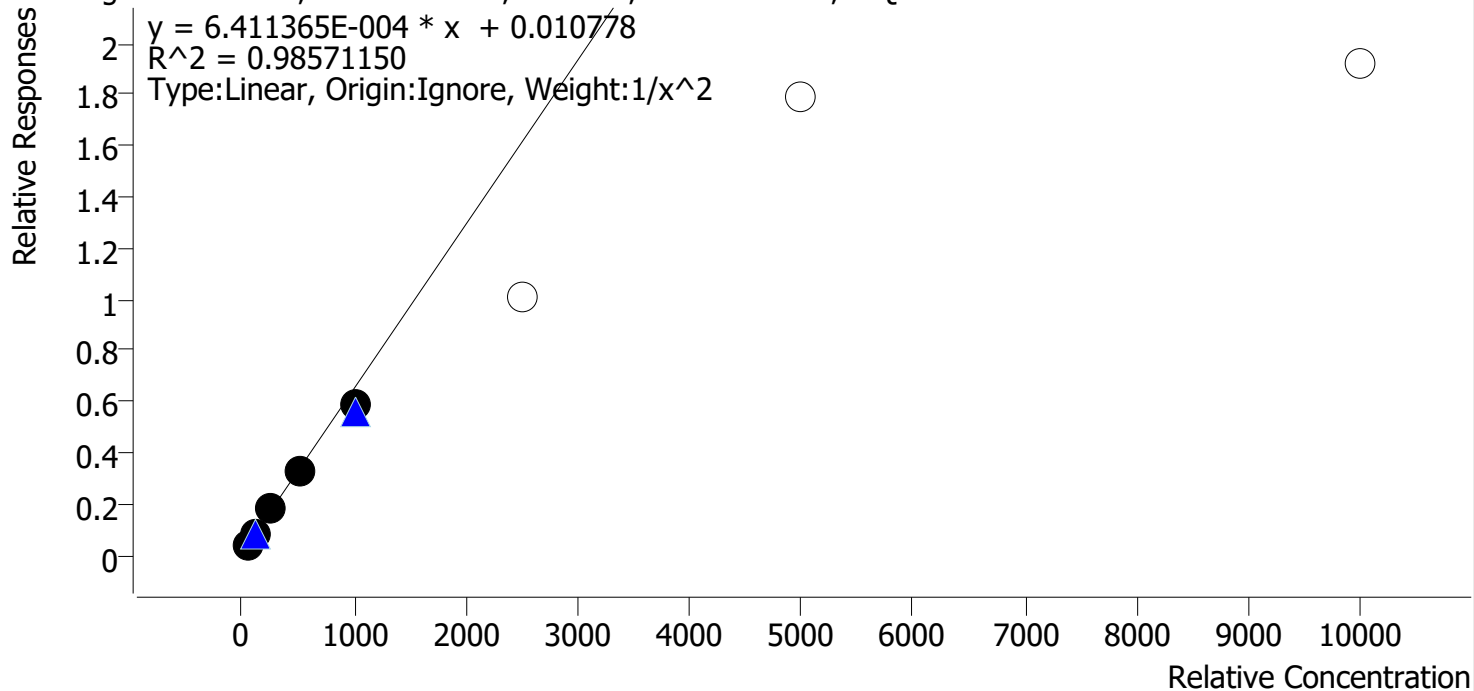
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	455.4	91.1
p1 Cal 8-1000ng	8	✗	1000.0	746.6	74.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

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



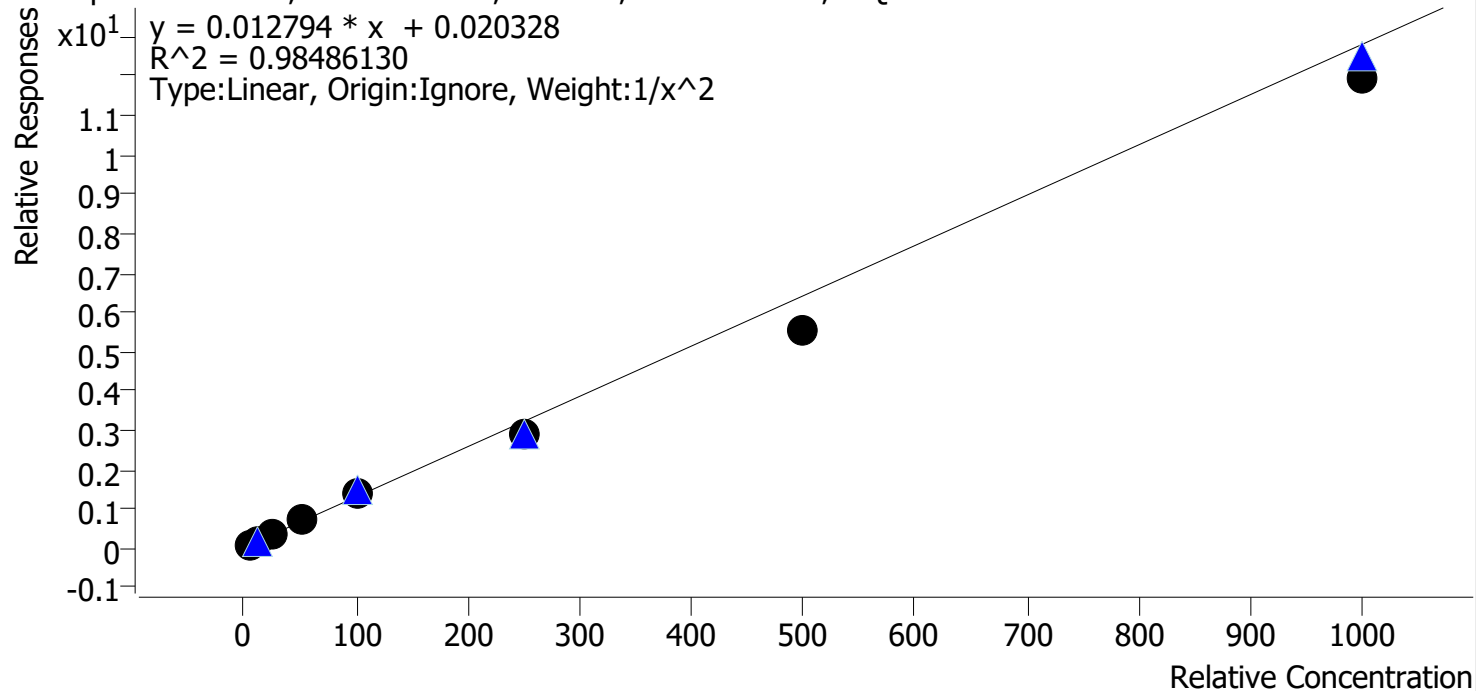
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	50.0	46.7	93.5
p1 Cal 2-10ng	2	✓	100.0	111.6	111.6
p1 Cal 3 -25ng	3	✓	250.0	267.7	107.1
p1 Cal 4-50ng	4	✓	500.0	492.7	98.5
p1 Cal 5-100ng	5	✓	1000.0	893.2	89.3
p1 Cal 6-250ng	6	✗	2500.0	1559.9	62.4
p1 Cal 7-500ng	7	✗	5000.0	2772.2	55.4
p1 Cal 8-1000ng	8	✗	10000.0	2991.1	29.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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

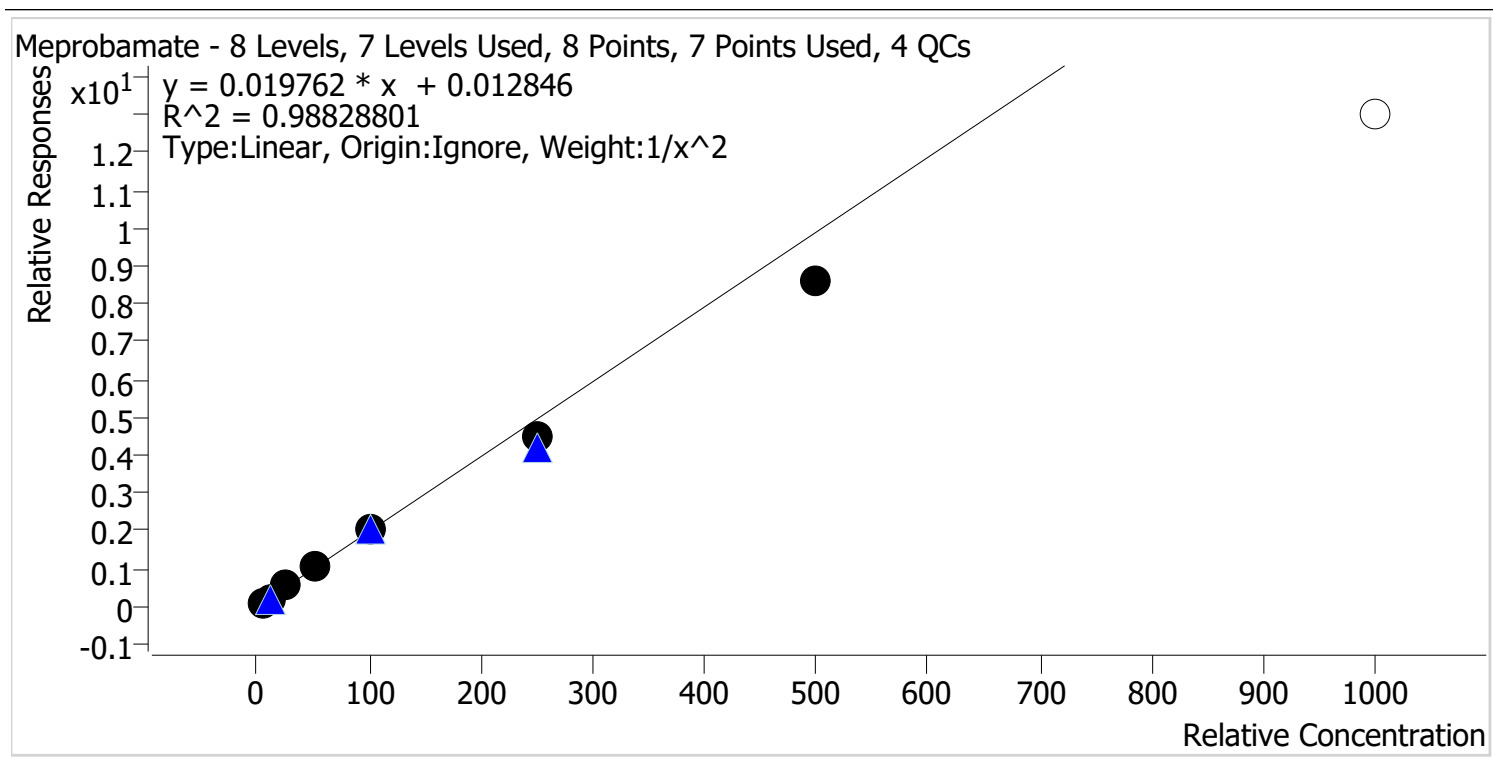


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	29.3	117.1
p1 Cal 4-50ng	4	✓	50.0	56.3	112.7
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	228.5	91.4
p1 Cal 7-500ng	7	✓	500.0	429.5	85.9
p1 Cal 8-1000ng	8	✓	1000.0	934.0	93.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



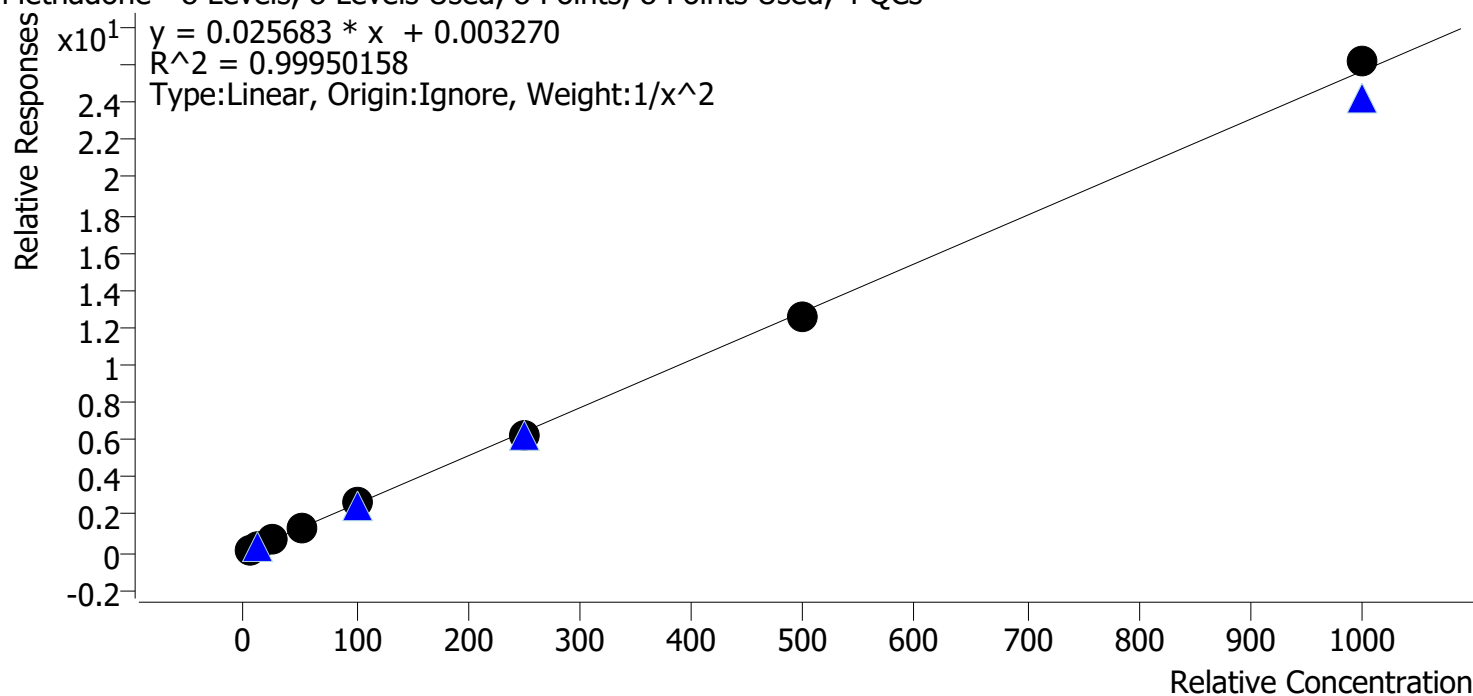
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.1
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	225.8	90.3
p1 Cal 7-500ng	7	✓	500.0	434.6	86.9
p1 Cal 8-1000ng	8	✗	1000.0	657.0	65.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



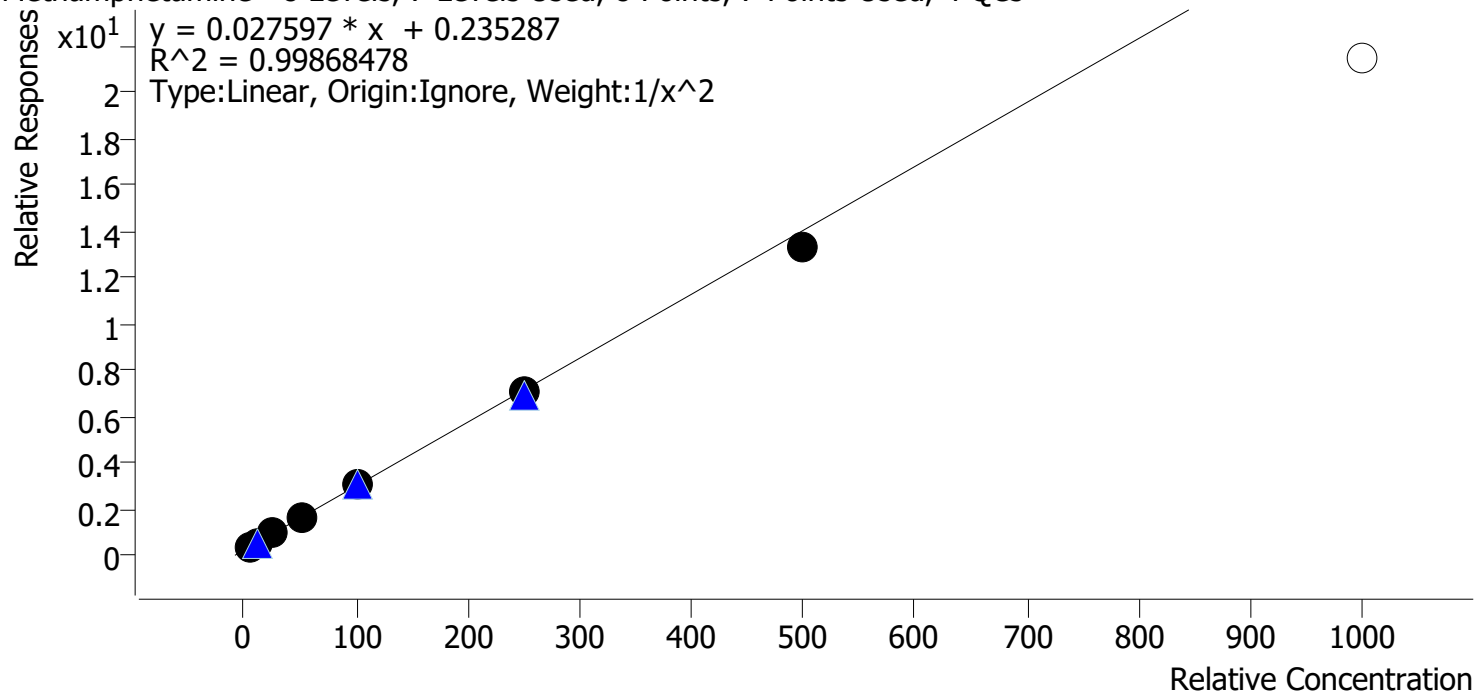
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1019.9	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



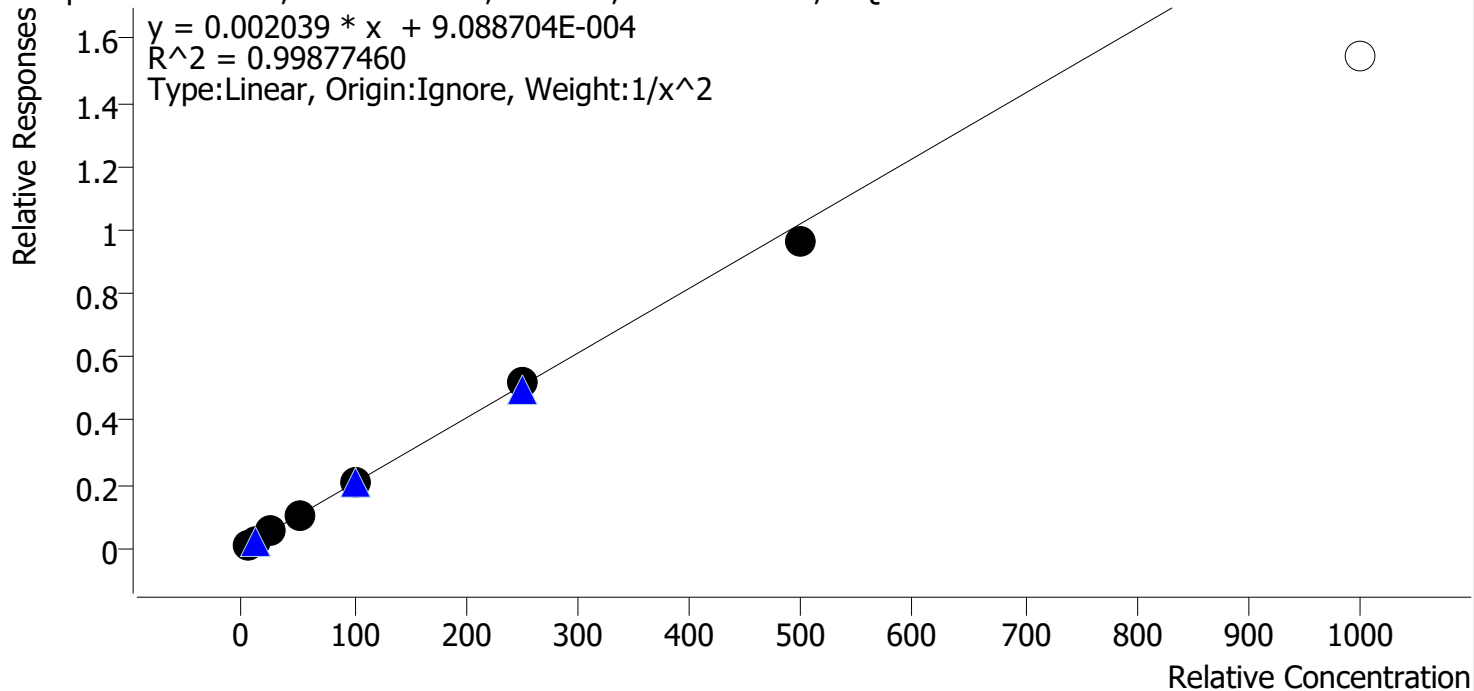
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	473.7	94.7
p1 Cal 8-1000ng	8	✗	1000.0	768.6	76.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



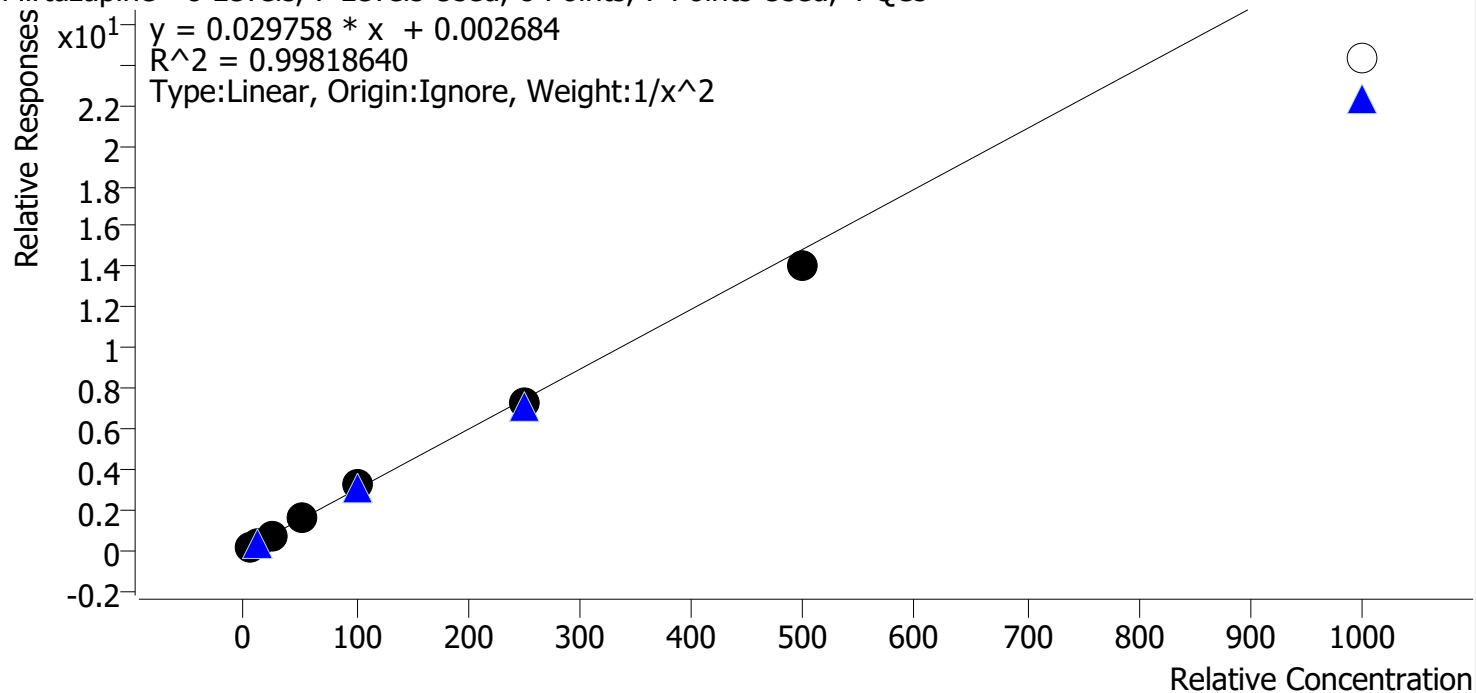
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	471.3	94.3
p1 Cal 8-1000ng	8	✗	1000.0	756.7	75.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

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



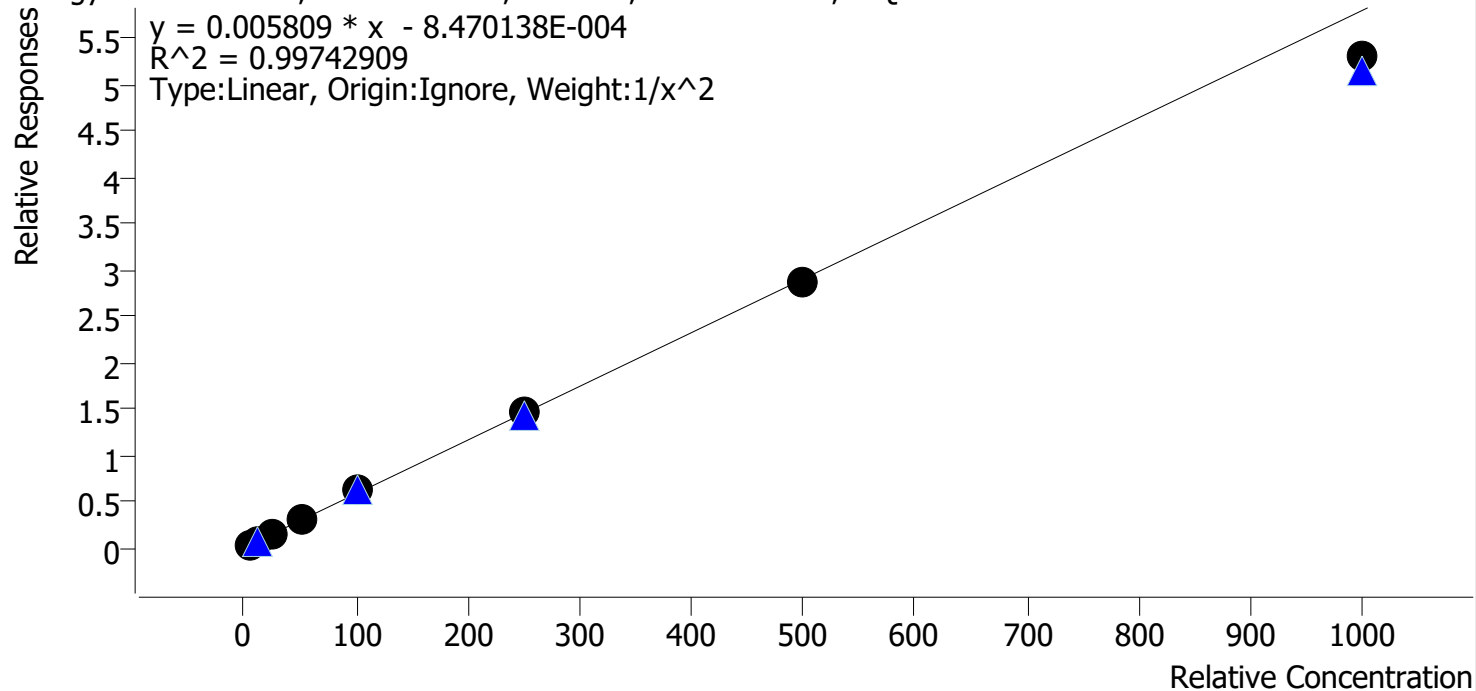
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	471.2	94.2
p1 Cal 8-1000ng	8	✗	1000.0	816.6	81.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

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



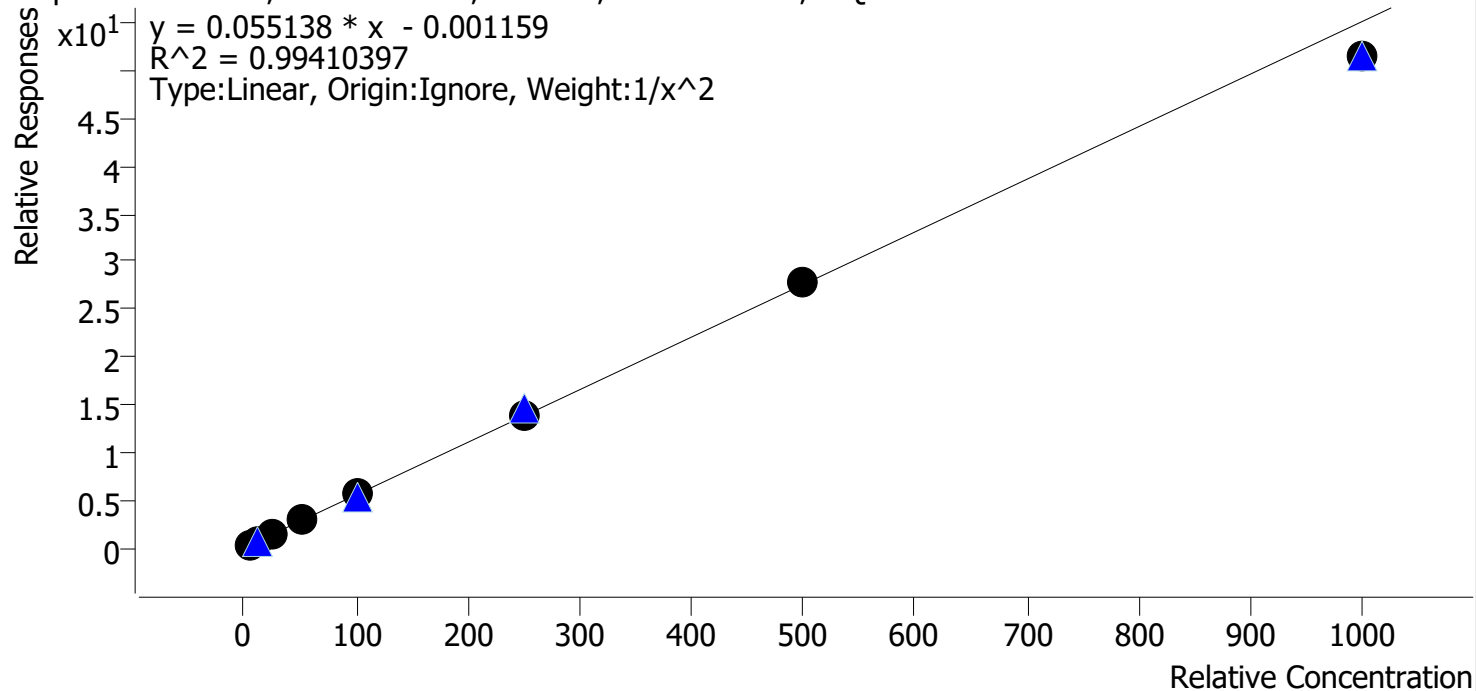
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	914.1	91.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



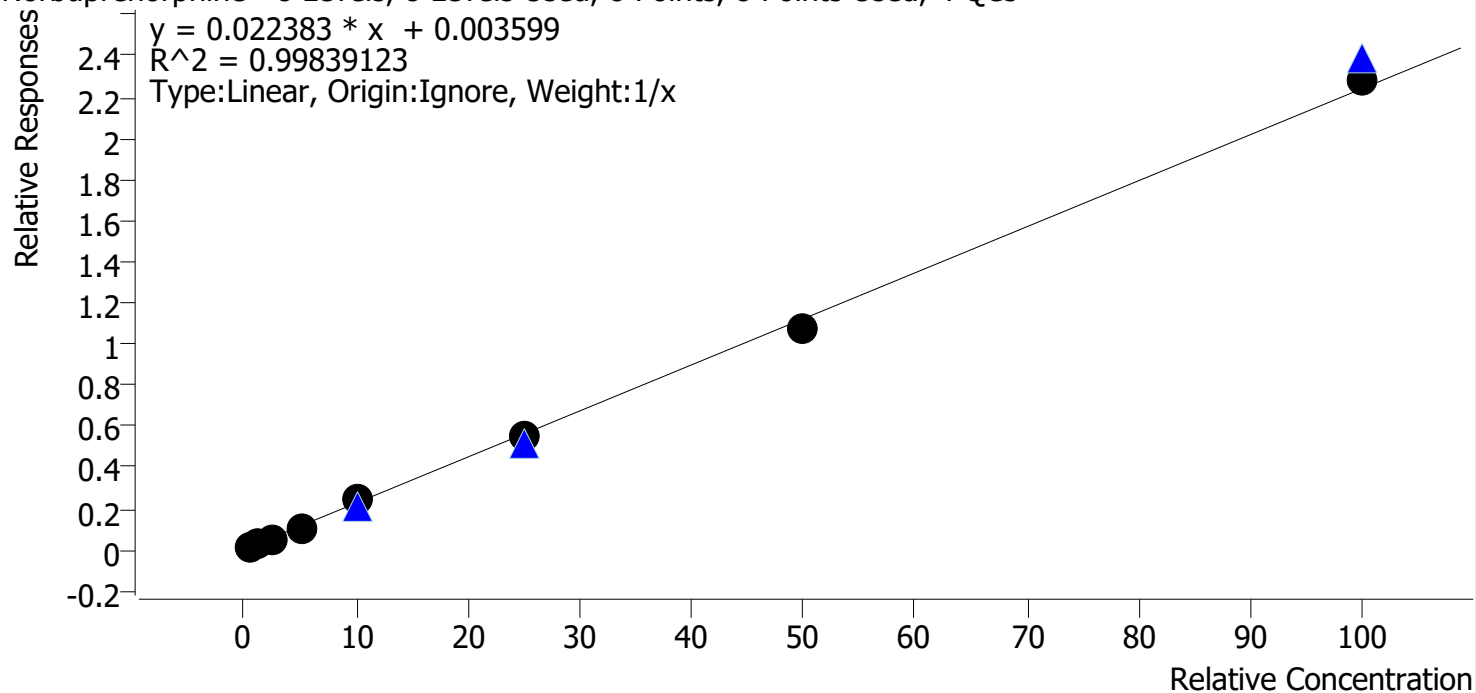
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng	2	✓	10.0	8.7	87.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	933.3	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



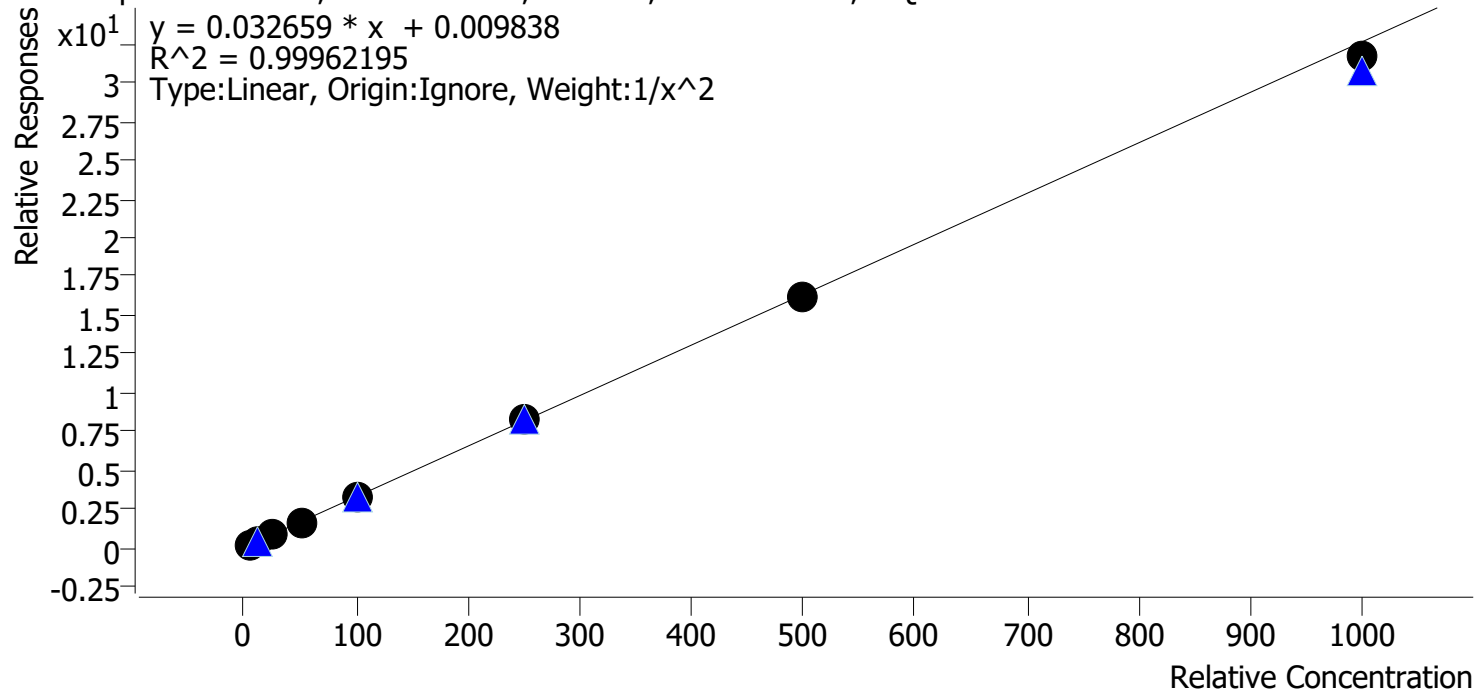
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.1
p1 Cal 2-10ng	2	✓	1.0	1.2	118.6
p1 Cal 3 -25ng	3	✓	2.5	2.1	85.0
p1 Cal 4-50ng	4	✓	5.0	4.5	90.7
p1 Cal 5-100ng	5	✓	10.0	10.6	106.2
p1 Cal 6-250ng	6	✓	25.0	24.7	98.8
p1 Cal 7-500ng	7	✓	50.0	48.2	96.4
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



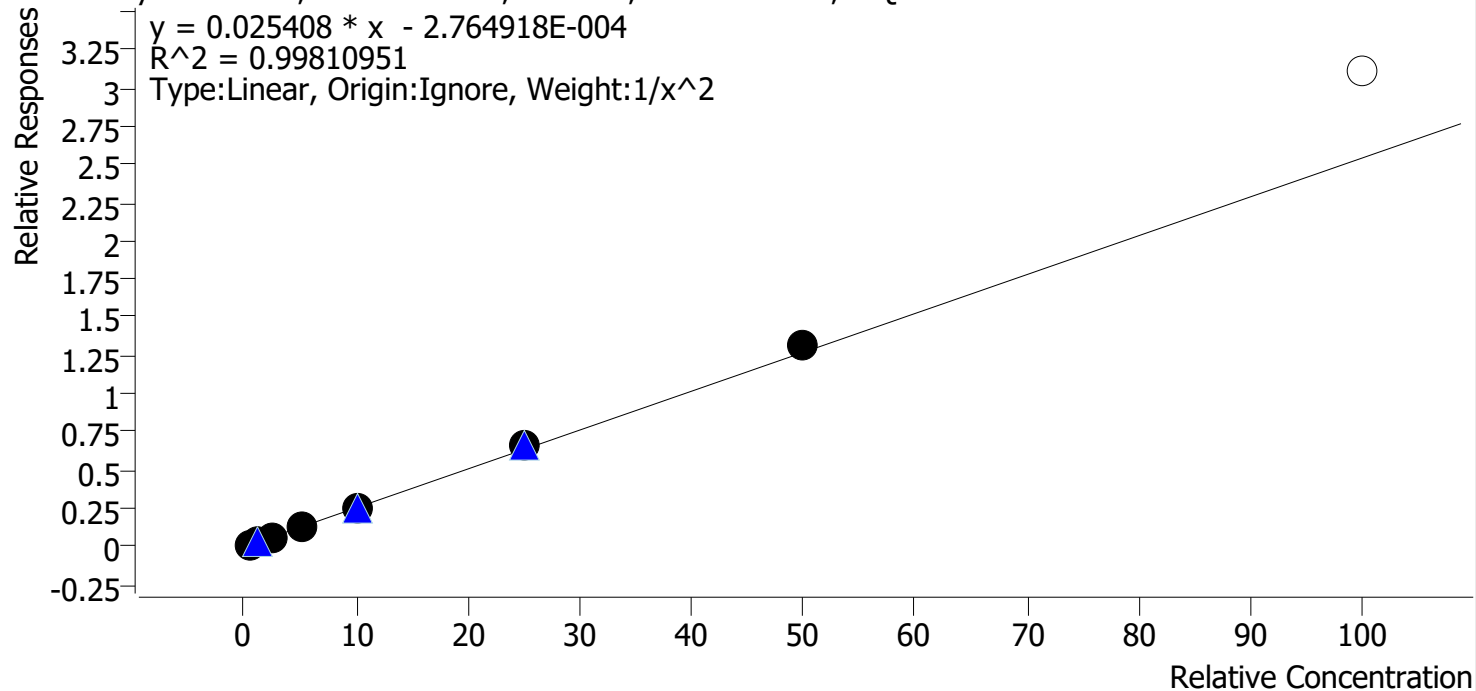
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	496.4	99.3
p1 Cal 8-1000ng	8	✓	1000.0	970.7	97.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



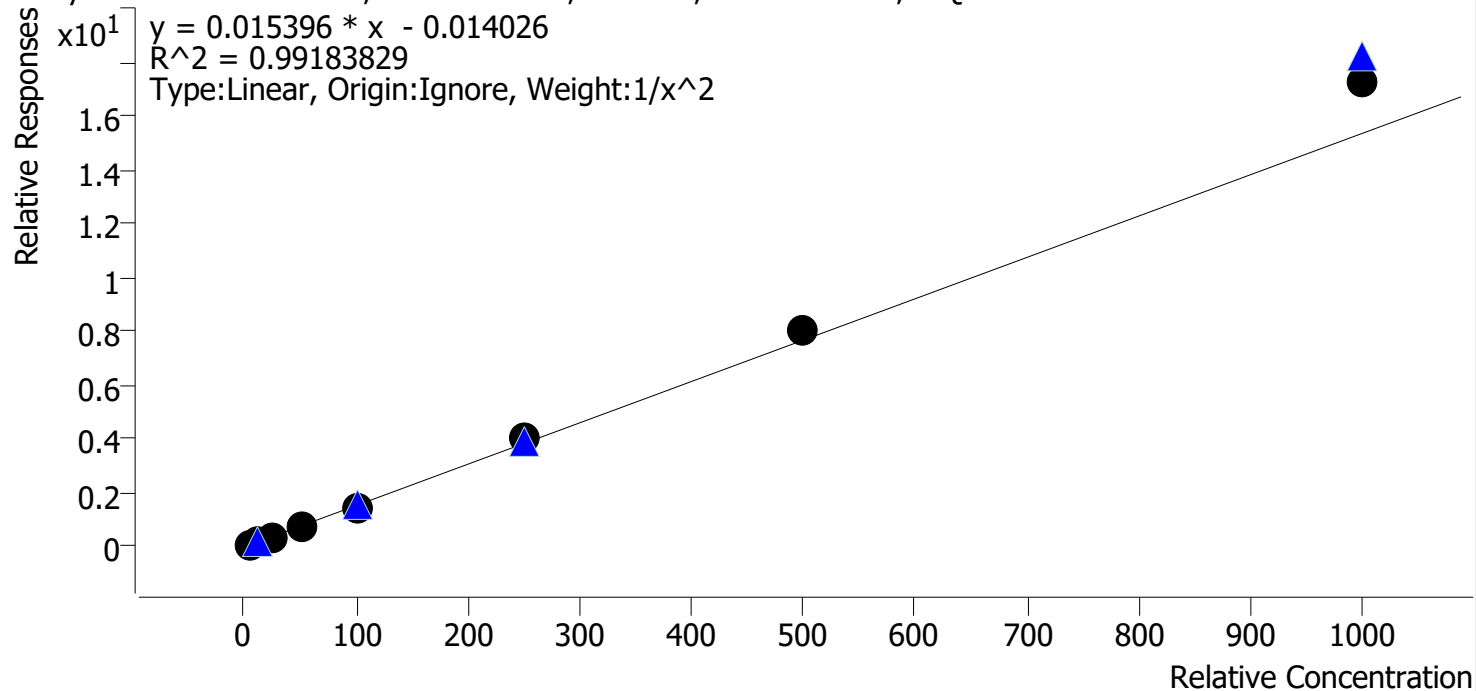
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.1
p1 Cal 2-10ng	2	✓	1.0	1.0	100.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.0
p1 Cal 4-50ng	4	✓	5.0	4.9	98.5
p1 Cal 5-100ng	5	✓	10.0	9.9	99.3
p1 Cal 6-250ng	6	✓	25.0	26.0	104.2
p1 Cal 7-500ng	7	✓	50.0	51.6	103.2
p1 Cal 8-1000ng	8	✗	100.0	122.6	122.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



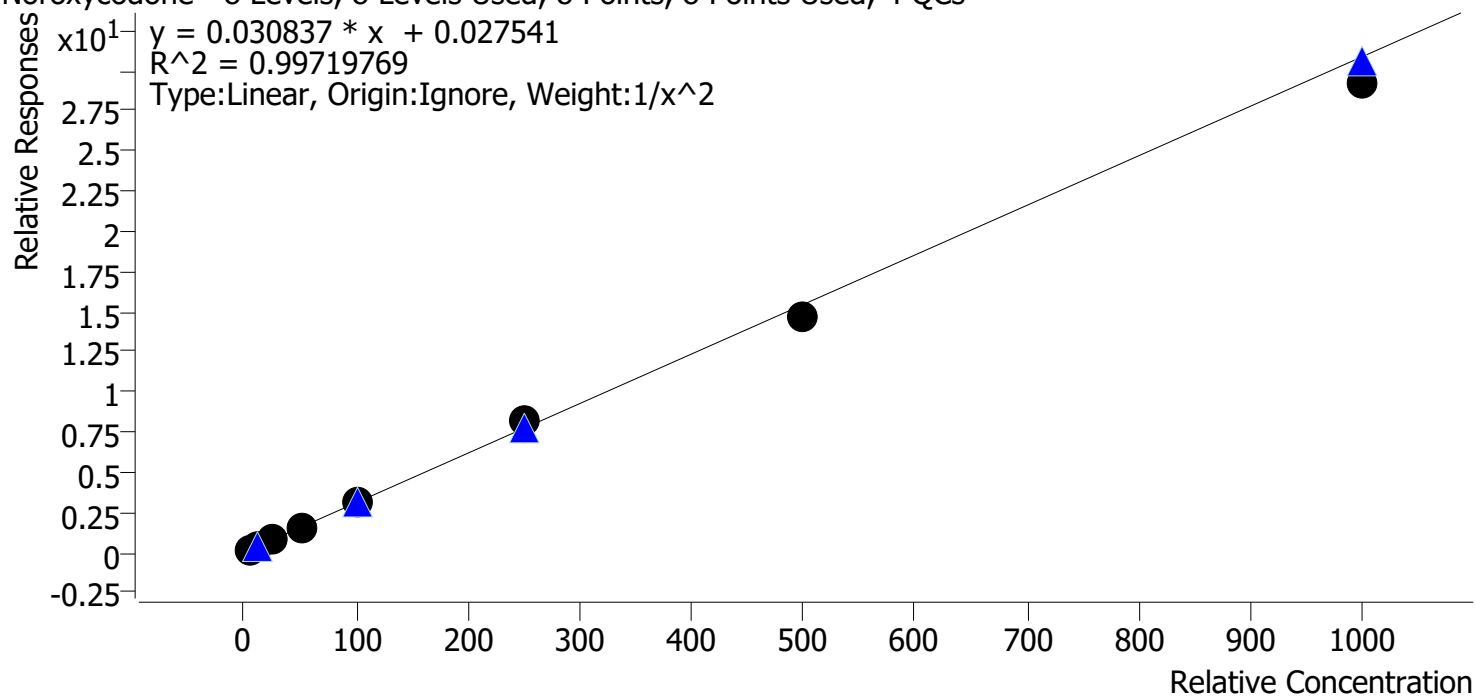
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	22.5	90.1
p1 Cal 4-50ng	4	✓	50.0	45.5	91.0
p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng	6	✓	250.0	261.6	104.7
p1 Cal 7-500ng	7	✓	500.0	525.8	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1124.8	112.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

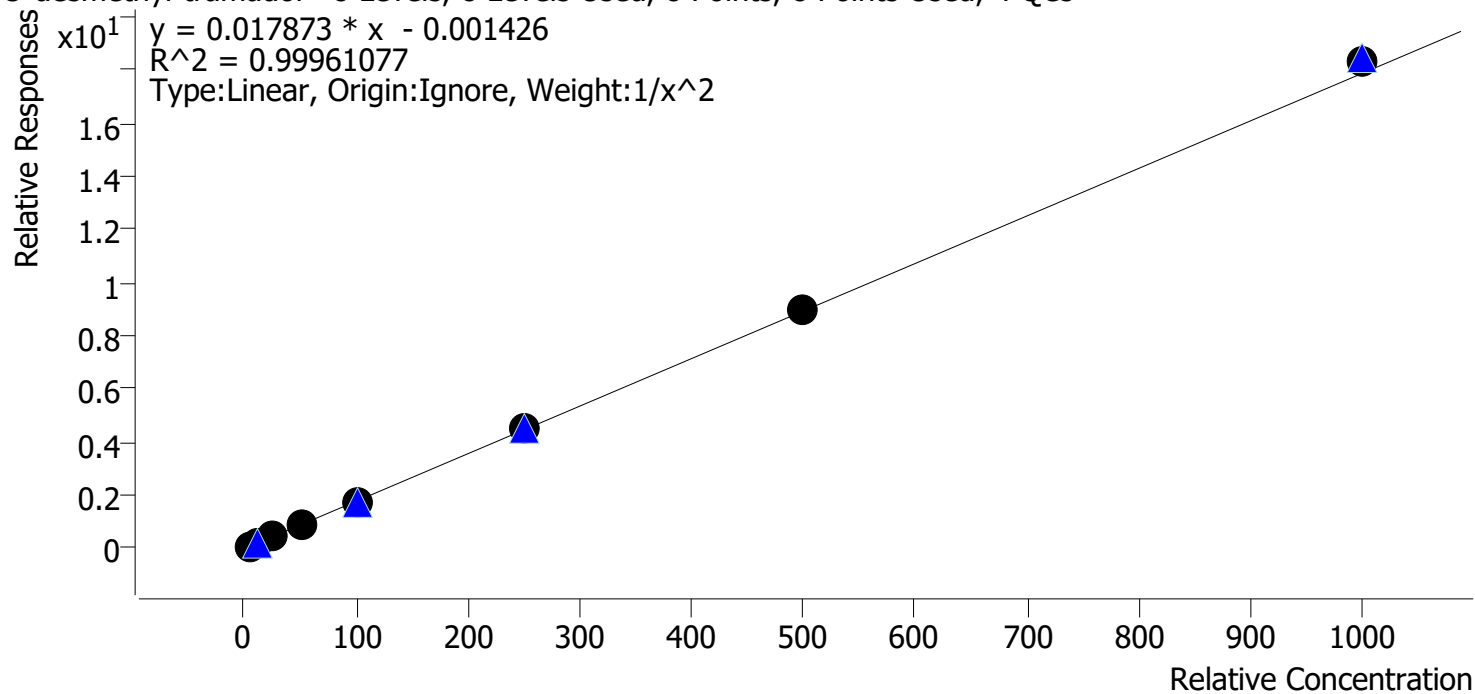


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	263.0	105.2
p1 Cal 7-500ng	7	✓	500.0	472.7	94.5
p1 Cal 8-1000ng	8	✓	1000.0	947.3	94.7

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 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



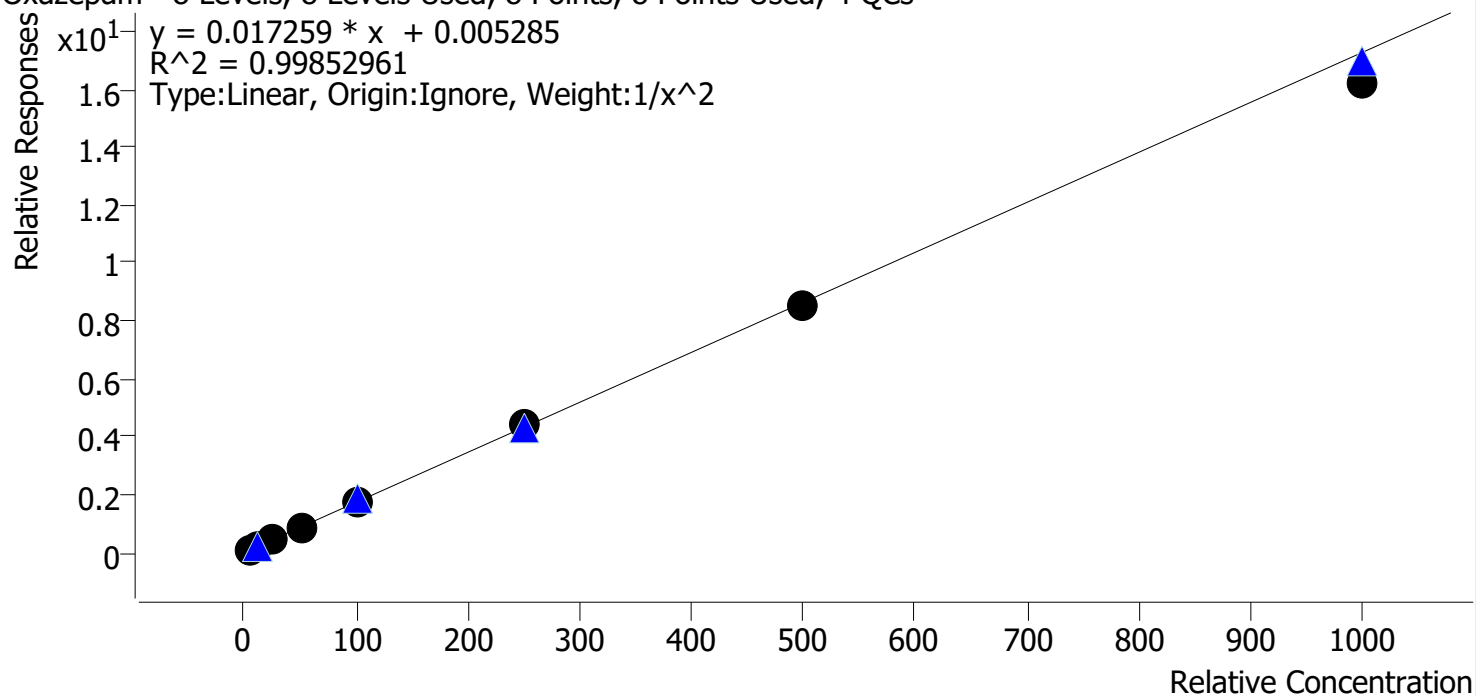
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	505.4	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1024.2	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



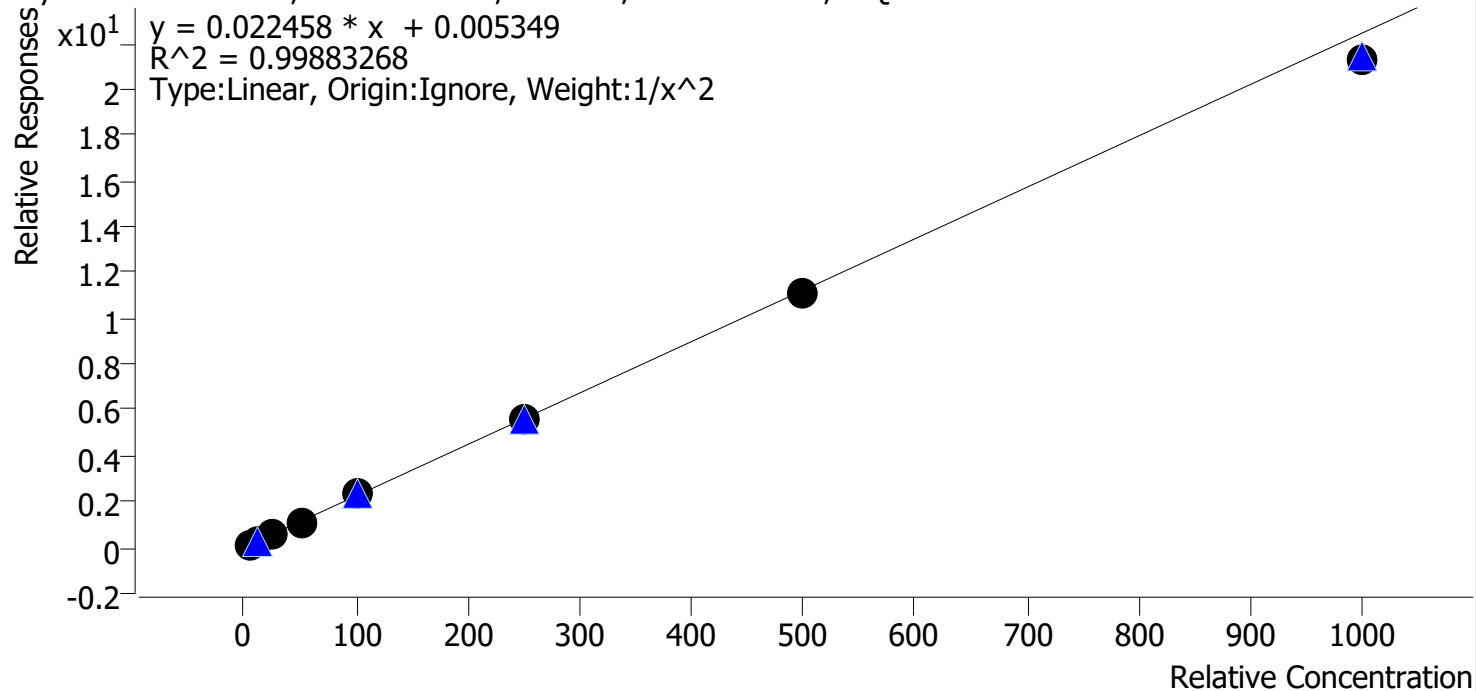
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	935.3	93.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



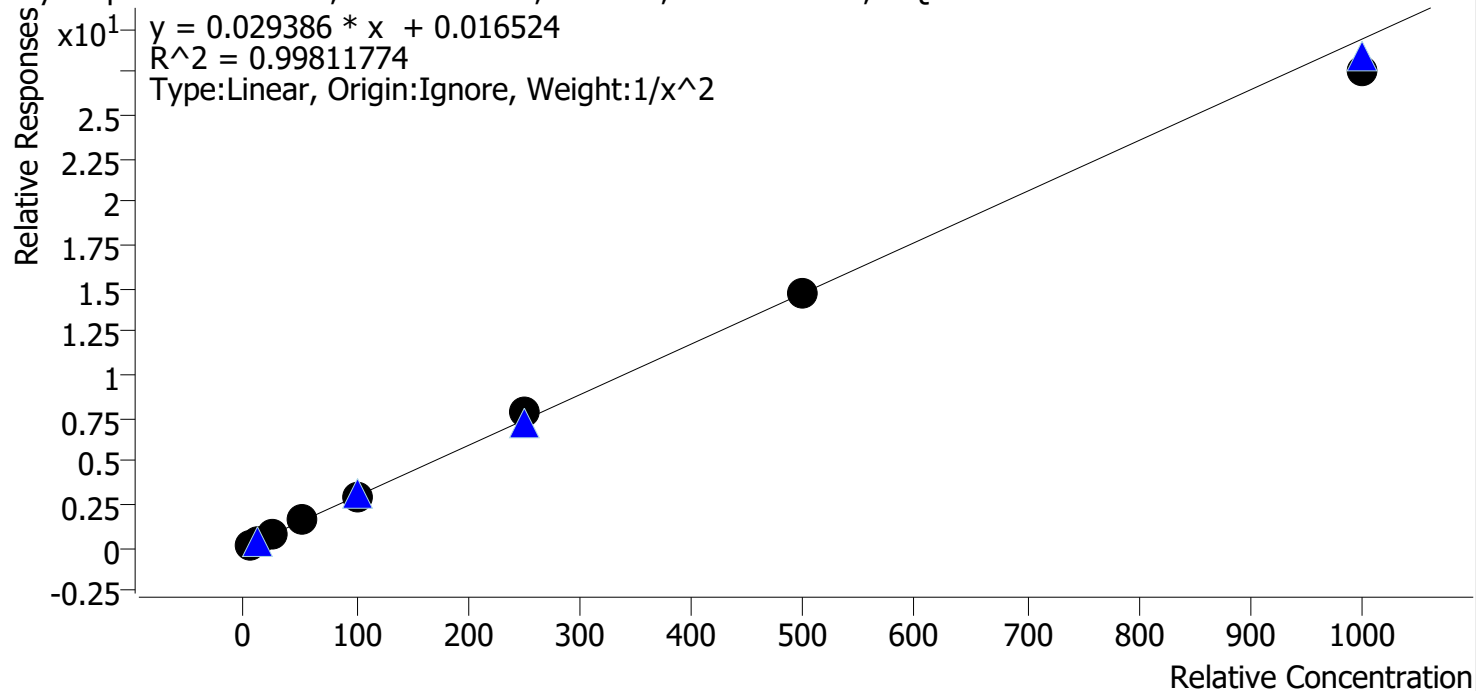
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	492.6	98.5
p1 Cal 8-1000ng	8	✓	1000.0	948.9	94.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



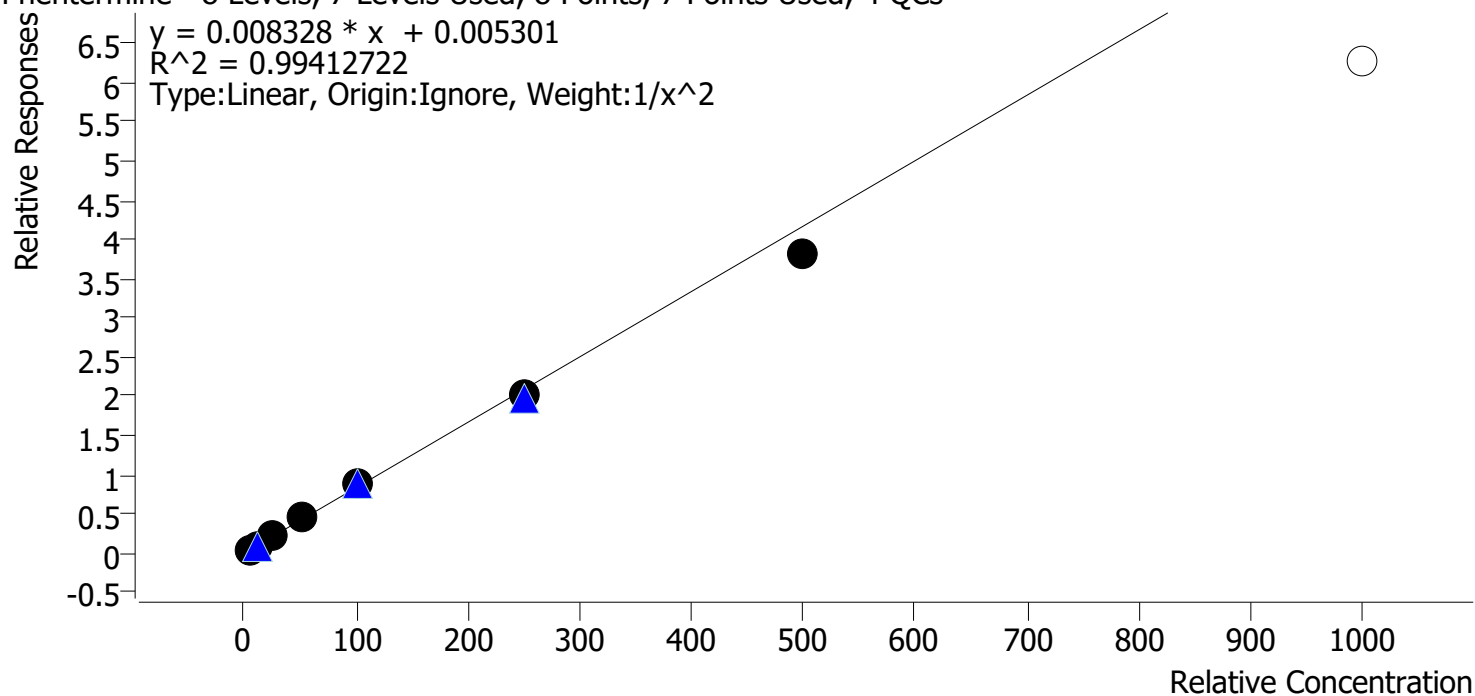
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	265.0	106.0
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	938.4	93.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



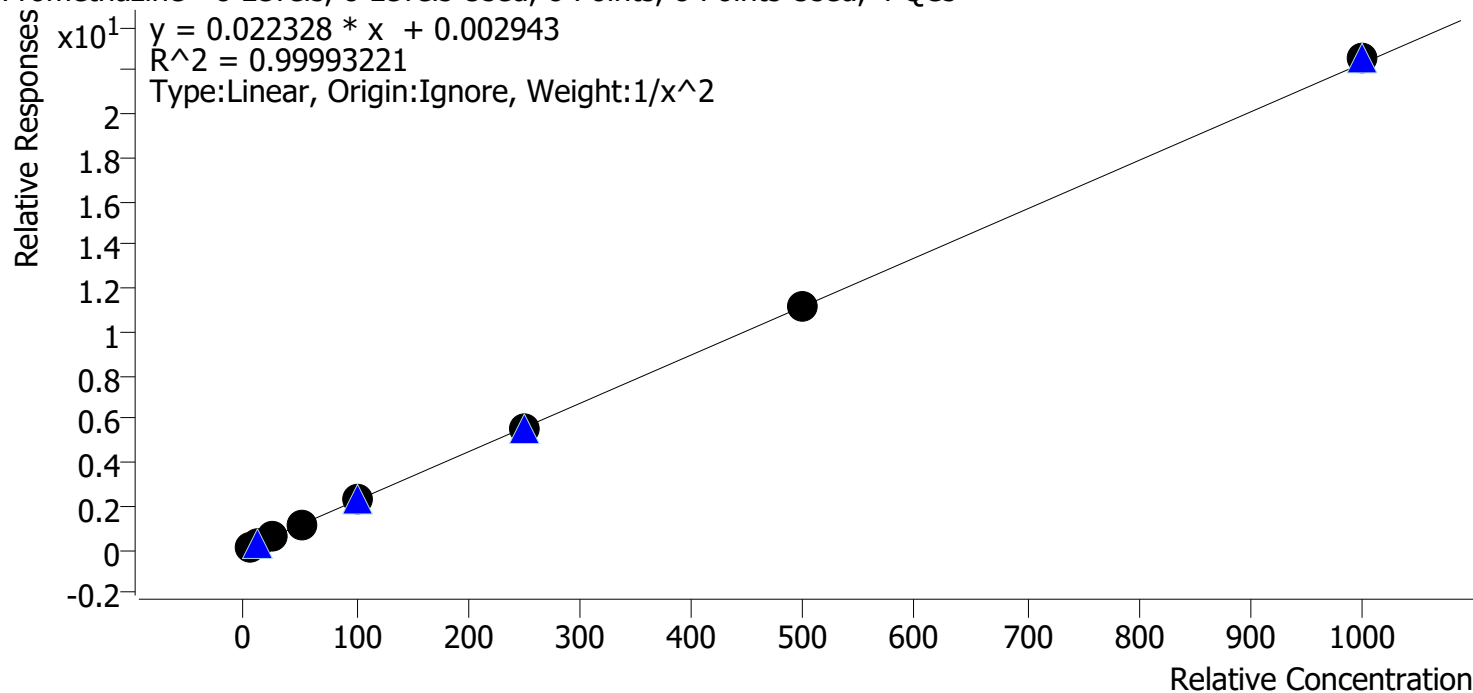
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.3	92.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	240.8	96.3
p1 Cal 7-500ng	7	✓	500.0	456.7	91.3
p1 Cal 8-1000ng	8	✗	1000.0	751.5	75.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



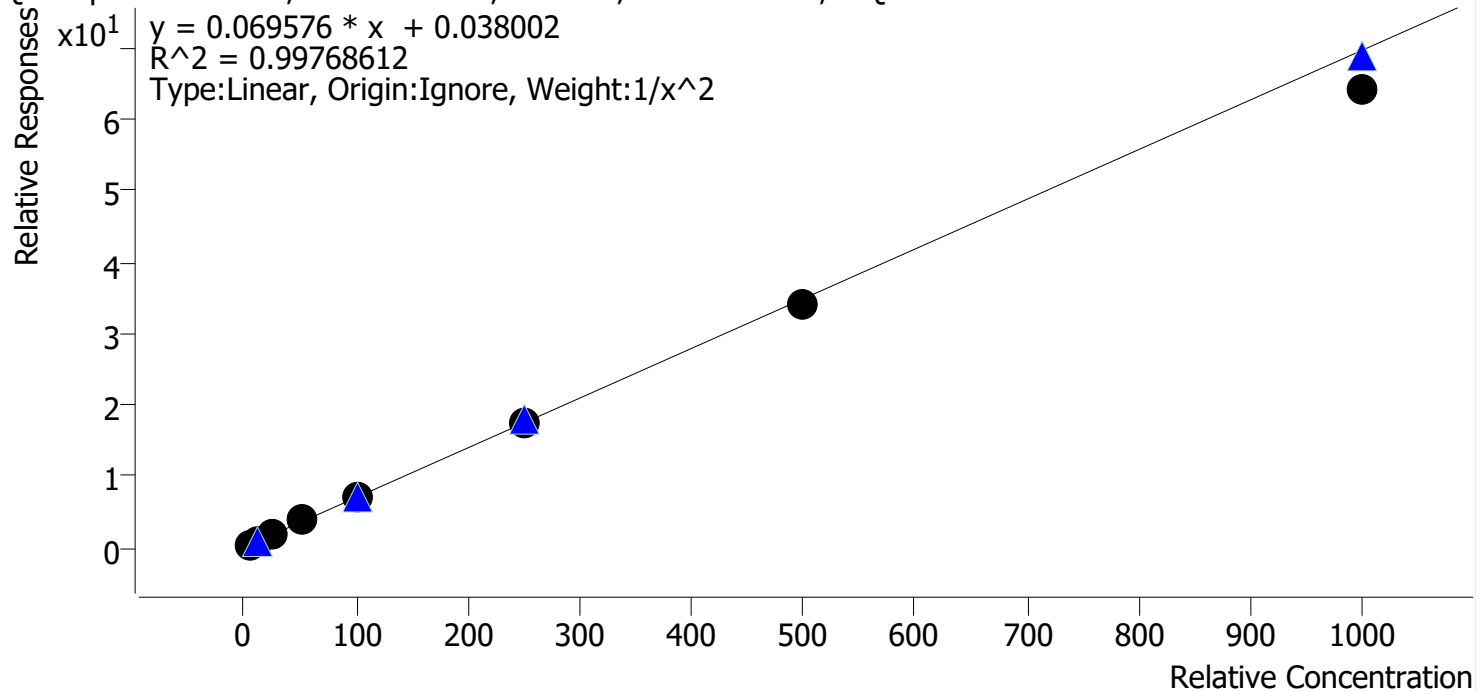
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1009.7	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

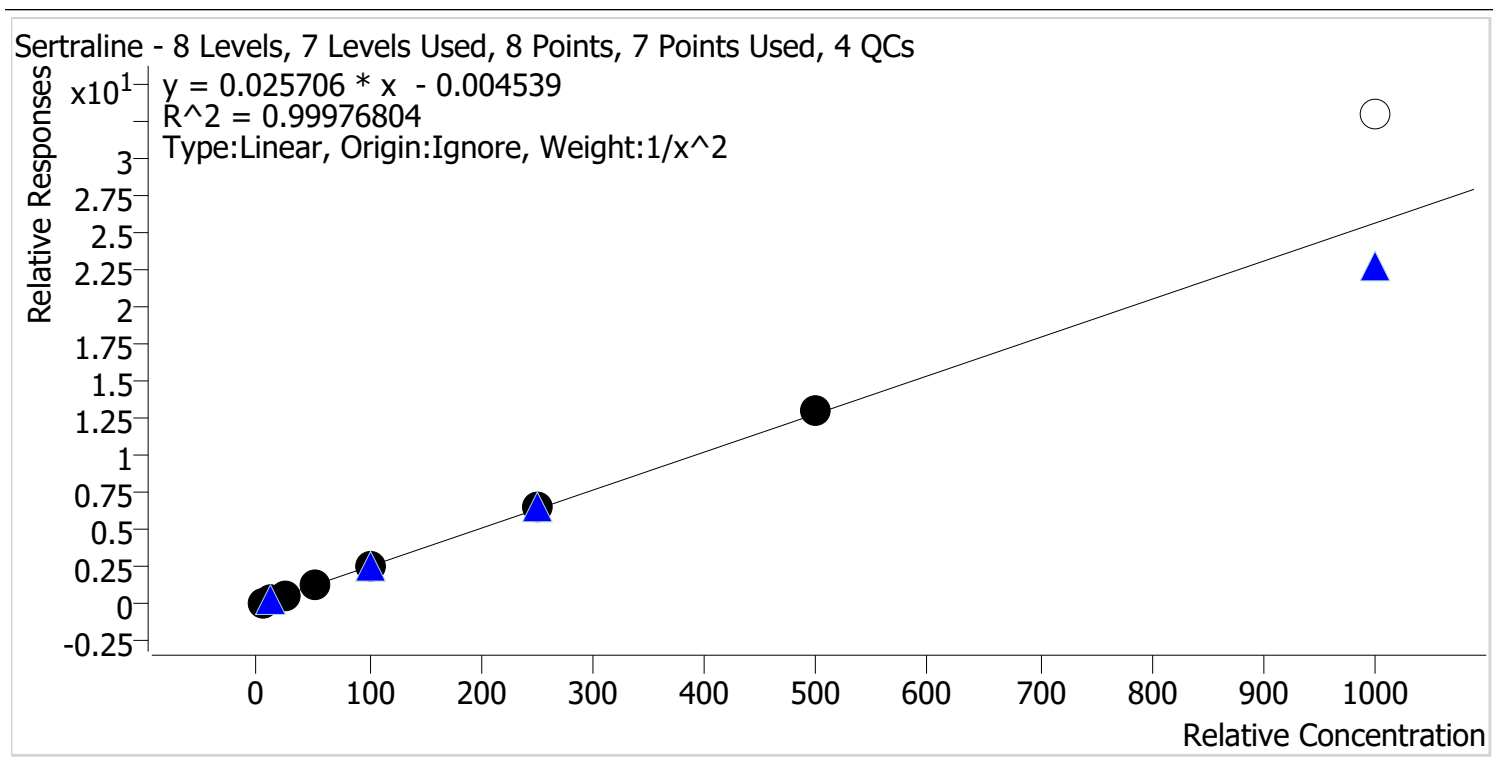
Quetiapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	489.2	97.8
p1 Cal 8-1000ng	8	✓	1000.0	924.9	92.5

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



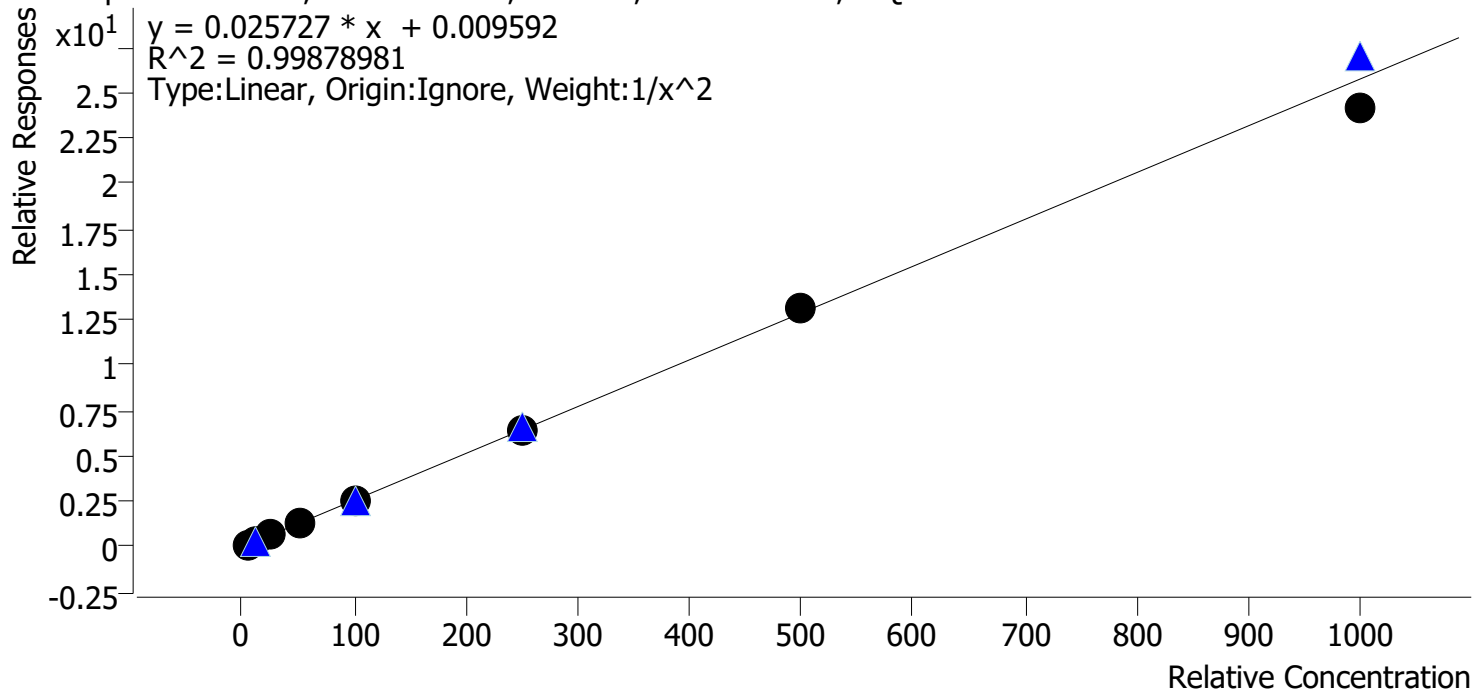
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✗	1000.0	1284.2	128.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



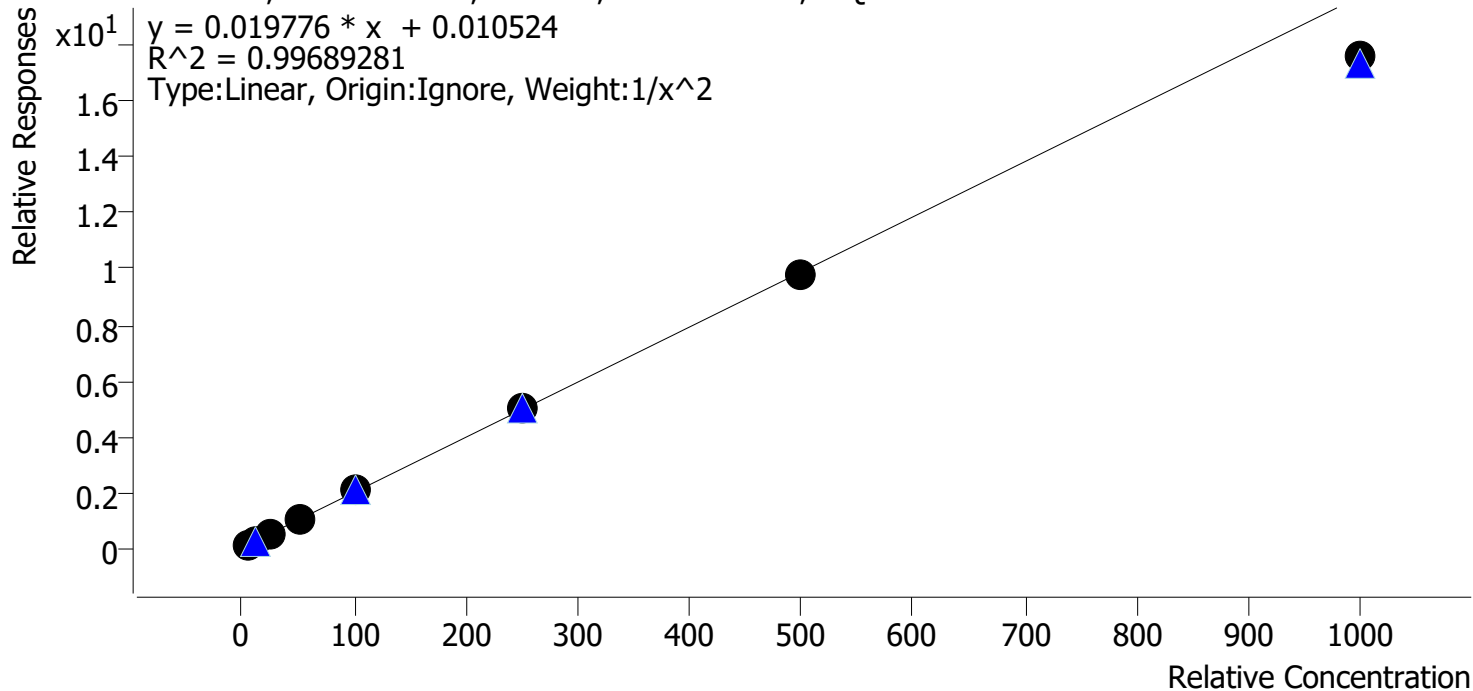
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	509.6	101.9
p1 Cal 8-1000ng	8	✓	1000.0	942.1	94.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 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



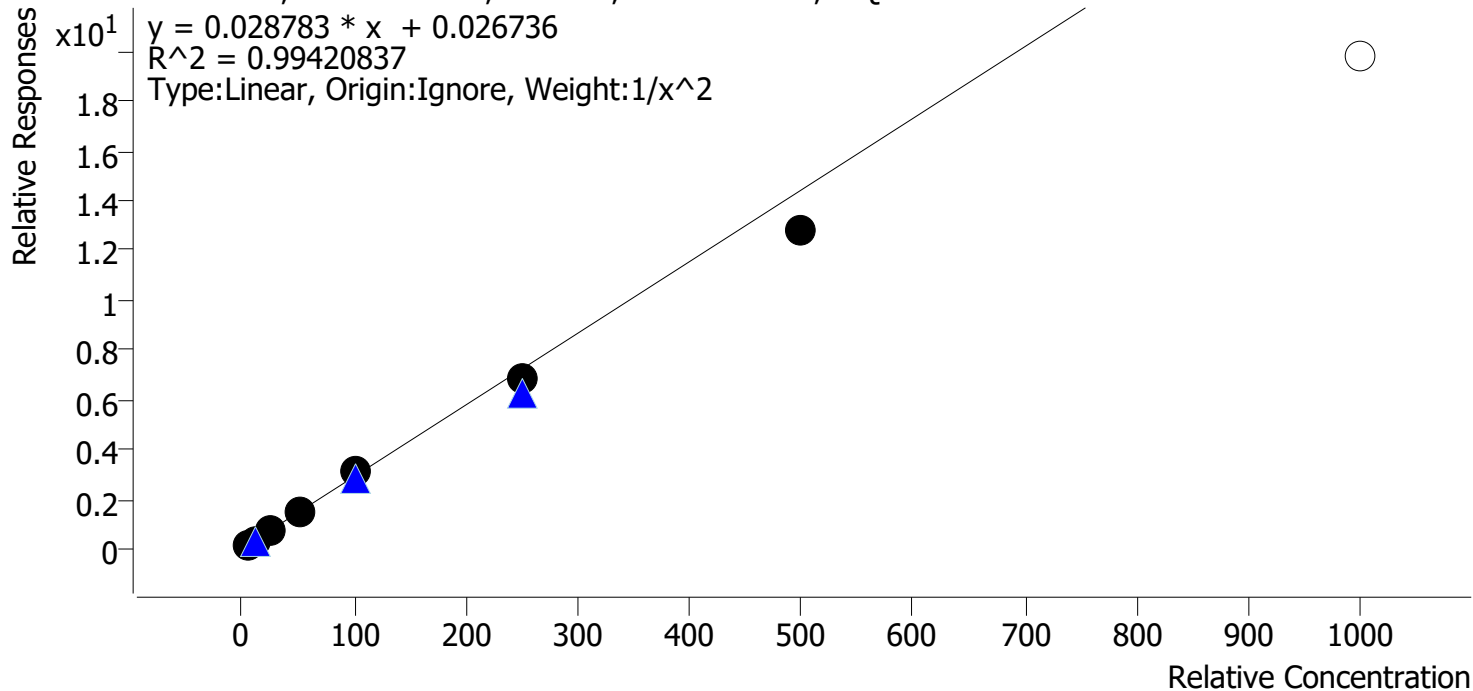
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	890.7	89.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

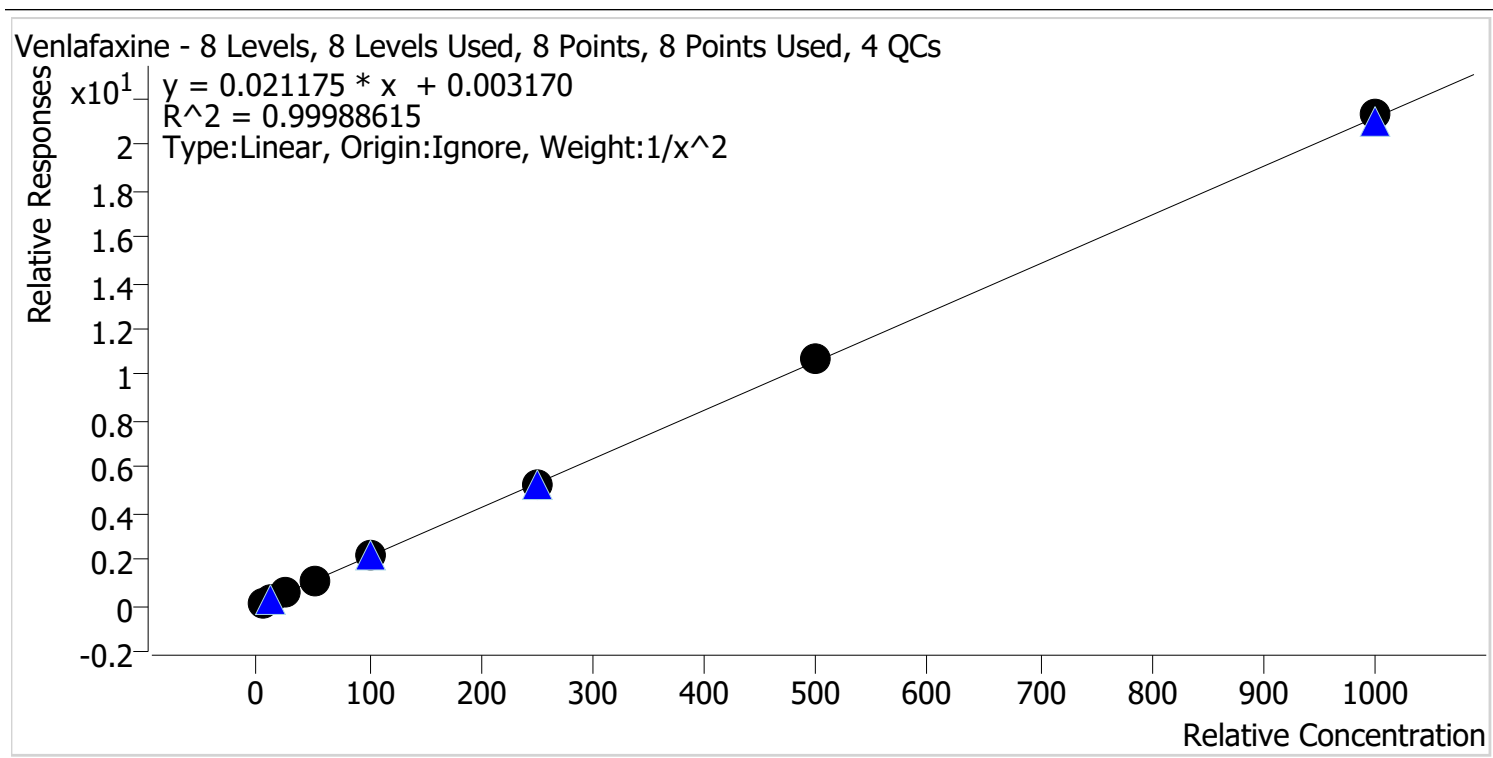


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	237.0	94.8
p1 Cal 7-500ng	7	✓	500.0	446.0	89.2
p1 Cal 8-1000ng	8	✗	1000.0	686.1	68.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



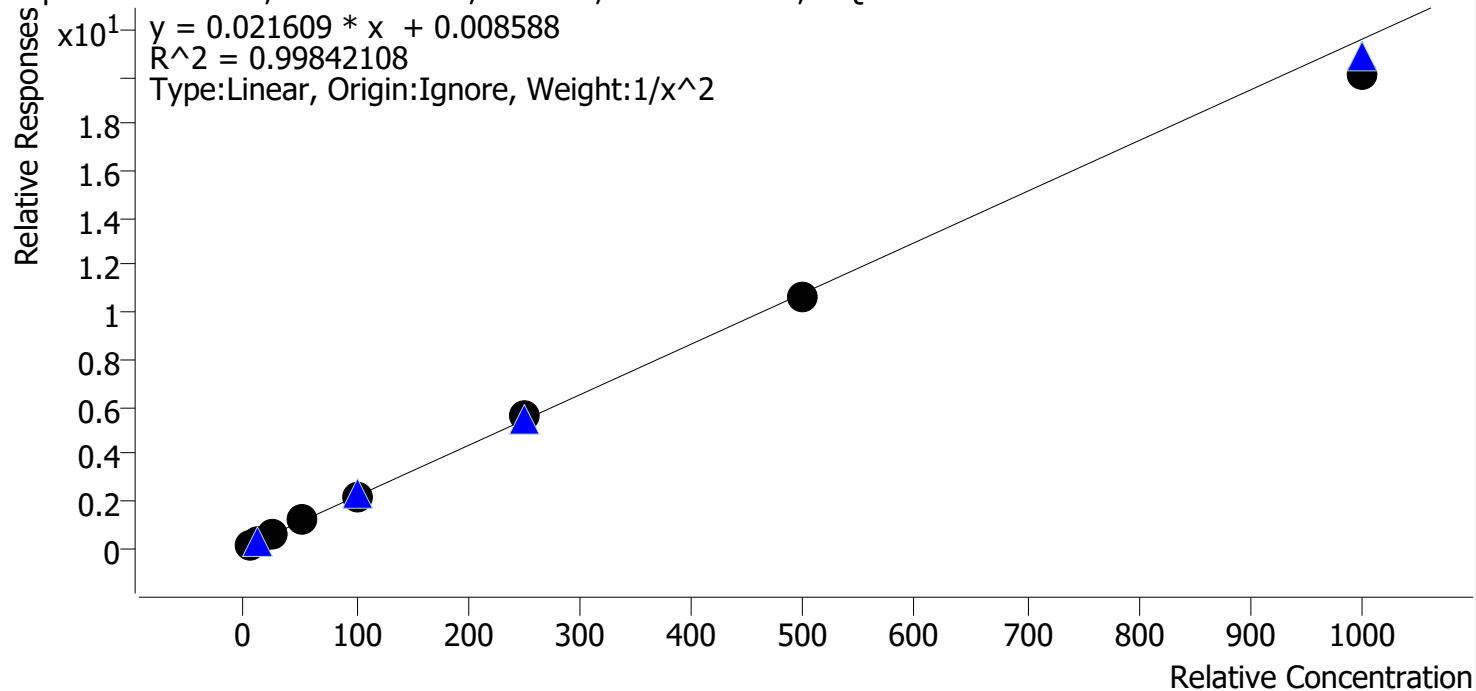
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	502.1	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1006.2	100.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/8/2024 7:30 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	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng	8	✓	1000.0	928.5	92.9



AM #28 Multi-Drug Quant. Results

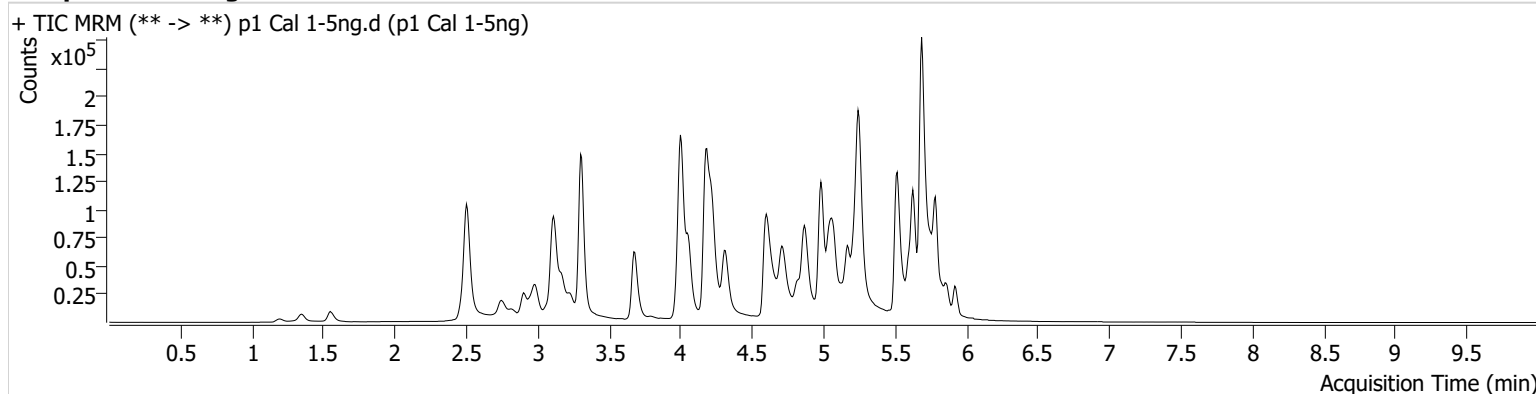
Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/8/2024 7:30:17 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P4-H12
Injection Volume 2
Acq. Date-Time 11/6/2024 11:51:47 PM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
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	3.075	275	247.89	66.9	276.59	17329	0.4826 ng/ml
7-aminoclonazepam	4.203	5660	229.02	63.7	840.10	41870	4.7832 ng/ml
9-hydroxyrisperidone	4.597	952	19.12	3283.3	614.71	237594	5.0668 ng/ml
a-hydroxyalprazolam	5.659	2701	41.81	61.6	583.34	18743	4.8371 ng/ml
alpha-PHP	4.889	5047	531.37	249.0	712.98	145366	4.8501 ng/ml
alpha-PVP	4.322	18728	2992.71	51.9	926.48	145366	5.0609 ng/ml
Alprazolam	5.743	8166	177.77	108.7	284.70	62433	5.0186 ng/ml
Amphetamine	2.986	37522	208.92	45.4	2635.41	77307	4.7855 ng/ml
Benzoylcegonine	3.822	468	28.36	49.0	39.80	3708	4.9851 ng/ml
Bromazolam	5.788	7633	3243.58	123.9	5556.03	34428	4.8624 ng/ml
Buprenorphine	5.855	461	79.17	14.4	50.38	36231	0.5025 ng/ml
Bupropion	4.732	16952	173.73	63.7	715.31	109230	4.9405 ng/ml
Carisoprodol	5.697	11025	24854.02	76.1	32.08	100432	5.1052 ng/ml
Citalopram	5.167	16085	100.96	30.9	515.40	145297	5.0329 ng/ml
Clonazepam	5.571	7302	65.14	29.8	1923.87	20322	4.8228 ng/ml
Clonazepam	5.514	5749	956.74	37.1	2326.51	20322	5.0109 ng/ml
Cocaine	4.223	11705	4043.77	62.5	31298.16	222981	5.0782 ng/ml
Codeine	2.528	1465	5527.64	108.1	258.60	13047	4.8521 ng/ml
Cyclobenzaprine	5.601	12593	5183.86	9.2	∞	101182	5.0600 ng/ml
Dextromethorphan	5.231	9258	5444.90	88.0	33.69	76749	5.0206 ng/ml
Dextrorphan	4.062	6076	17308.95	208.4	491.46	119390	5.0111 ng/ml
Diazepam	5.928	5836	163.67	86.4	151.41	44686	4.9905 ng/ml
Dihydrocodeine	2.507	3663	866.48	68.8	515.47	39831	4.9119 ng/ml
Diphenhydramine	5.252	39161	1605.12	32.1	144.01	395407	5.0902 ng/ml
Doxylamine	4.675	29150	465.15	98.9	776.98	266318	5.1466 ng/ml
Duloxetine	5.620	2220	632.20	12.6	202.41	21100	5.1417 ng/ml
EDDP	5.224	12958	797.24	37.7	1257.96	115961	4.9565 ng/ml
Etizolam	5.788	5293	5216.45	27.5	1614.71	20322	5.0789 ng/ml
Fentanyl	5.057	1933	21.75	51.3	5945.68	180465	0.5058 ng/ml
Fluorofentanyl	5.111	3703	678.40	51.5	302.82	1580	0.4828 ng/ml
Fluoxetine	5.688	25513	160.06	6.7	1596.89	171194	4.9557 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	4996	316.80	42.9	91.80	53094	4.8270 ng/ml
Hydromorphone	1.562	4052	17658.55	80.0	261.63	26125	4.9830 ng/ml
Hydroxyzine	5.685	20493	1463.39	61.7	1061.36	76749	4.9027 ng/ml
Ketamine	4.001	11648	34241.38	34.8	239.31	94523	4.8836 ng/ml
Lamotrigine	4.212	11834	363.69	79.3	1786.56	290490	46.7294 ng/ml
Lorazepam	5.721	6411	433.98	55.6	84.87	78241	4.8159 ng/ml
MDA	3.133	22973	960.80	30.7	435.20	111536	4.7567 ng/ml
MDMA	3.234	12582	21305.62	100.4	409.05	23867	5.0686 ng/ml
Meprobamate	4.842	5525	361.09	33.7	105.12	51755	4.7519 ng/ml
Methadone	5.633	22919	1266.12	64.0	388.59	173560	5.0142 ng/ml
Methamphetamine	3.175	70028	220.86	33.5	2048.32	188066	4.9670 ng/ml
Metoprolol	4.266	3796	489.20	111.7	431.64	340809	5.0162 ng/ml
Mirtazapine	4.635	22030	50.24	64.7	159.43	145366	5.0025 ng/ml
Mitragynine	5.185	4896	301.87	35.7	123.40	173560	5.0016 ng/ml
Morphine	1.207	647	166.23	97.6	134.75	2255	5.2278 ng/ml
Norbuprenorphine	4.939	109	162.14	116.8	243.29	7275	0.5106 ng/ml
Nordiazepam	5.868	6443	223.08	51.1	2383.42	37515	4.9572 ng/ml
Norfentanyl	4.022	3081	209.33	44.0	46.71	245226	0.5054 ng/ml
Norhydrocodone	3.003	1070	33.17	34.2	47.07	16146	5.2153 ng/ml
Noroxycodone	2.839	3763	177.02	46.1	47.24	20416	5.0838 ng/ml
O-desmethyl-tramadol	3.308	32509	182.90	5.9	175.06	366767	5.0391 ng/ml
o-desmethylvenlafaxine	4.000	6332	179.18	355.1	831.07	52563	5.0359 ng/ml
Oxazepam	5.723	7188	136.81	72.8	67.24	78241	5.0167 ng/ml
Oxycodone	2.777	7926	308.61	32.9	1759.08	68539	4.9110 ng/ml
Oxymorphone	1.352	3310	153.25	49.9	224.52	20378	4.9654 ng/ml
Phentermine	3.711	8863	135.96	5.0	32.73	185990	5.0850 ng/ml
Promethazine	5.517	29098	167.89	32.7	492.94	254232	4.9942 ng/ml
Pseudoephedrine	2.518	30573	82.82	18.3	1079.87	290490	5.0400 ng/ml
Quetiapine	5.534	19931	153.25	57.0	913.16	51917	4.9716 ng/ml
Sertraline	5.756	7366	∞	92.4	94.21	58803	5.0494 ng/ml
Temazepam	5.791	16730	1964.49	25.1	156.18	123453	4.8947 ng/ml
Tramadol	4.191	36756	1302.17	2.8	25.65	340809	4.9214 ng/ml
Trazodone	5.131	24400	11177.28	63.2	5921.29	146776	4.8466 ng/ml
Venlafaxine	4.983	32515	1116.55	28.1	80.37	296201	5.0343 ng/ml
Xylazine	4.035	10421	9732.82	43.3	142.09	95229	5.0488 ng/ml
Zolpidem	4.887	22870	1207.92	28.3	345.95	197631	4.9578 ng/ml



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\110624 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/8/2024 7:30:17 AM

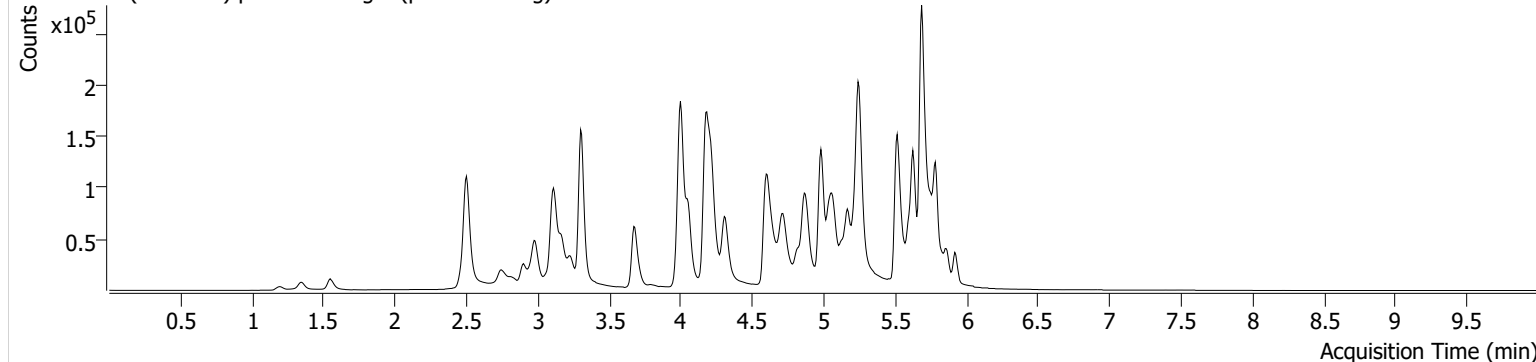
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Injection Volume 2
Acq. Date-Time 11/7/2024 12:02:35 AM
Sample Info.

Data File p1 Cal 2-10ng.d
Sample p1 Cal 2-10ng
Operator Tamara Salazar
Comment

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

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 2-10ng.d (p1 Cal 2-10ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.075	572	367.65	65.1	325.86	16511	1.0517 ng/ml
7-aminoclonazepam	4.203	9755	825.41	72.9	1313.41	42093	9.8516 ng/ml
9-hydroxyrisperidone	4.597	1760	688.36	3417.2	155.67	241279	9.7478 ng/ml
a-hydroxyalprazolam	5.659	5374	98.97	63.2	194.45	18289	10.4586 ng/ml
alpha-PHP	4.889	9761	1688.06	247.9	871.78	143473	10.4023 ng/ml
alpha-PVP	4.322	35491	3396.11	53.0	1123.46	143473	9.7844 ng/ml
Alprazolam	5.743	16649	181.30	108.1	185.74	60995	10.1240 ng/ml
Amphetamine	2.986	70390	209.61	45.1	183.05	75411	10.4821 ng/ml
Benzoylcegonine	3.822	891	276.38	45.7	2938.80	3524	9.9675 ng/ml
Bromazolam	5.781	14343	2602.74	131.3	18808.21	33244	10.2374 ng/ml
Buprenorphine	5.855	869	56.66	19.5	214.45	36724	0.9731 ng/ml
Bupropion	4.732	32872	1711.93	63.3	3195.93	105748	10.1454 ng/ml
Carisoprodol	5.697	20310	223.68	78.9	215.11	97600	9.8023 ng/ml
Citalopram	5.167	32939	127.00	28.0	57.22	144719	10.1092 ng/ml
Clonazepam	5.571	14285	2968.21	30.1	36.45	20227	10.1648 ng/ml
Clonazolam	5.514	10233	9254.30	38.5	3238.81	20227	9.2330 ng/ml
Cocaine	4.223	21880	230.36	62.0	136.55	220998	9.7598 ng/ml
Codeine	2.521	2891	178.96	95.6	573.44	13144	10.3636 ng/ml
Cyclobenzaprine	5.601	25719	16421.28	8.9	91.85	101996	9.8853 ng/ml
Dextromethorphan	5.231	18344	4625.76	82.7	5096.84	78259	9.8715 ng/ml
Dextrorphan	4.055	12313	19717.06	198.3	495.72	118985	10.0738 ng/ml
Diazepam	5.928	10999	143.22	91.6	165.17	44363	9.9636 ng/ml
Dihydrocodeine	2.507	6734	2215.86	74.1	1172.06	38708	9.9760 ng/ml
Diphenhydramine	5.252	75729	212.94	33.1	27806.55	402443	9.7315 ng/ml
Doxylamine	4.655	55737	87.94	113.5	1889.75	261251	9.3994 ng/ml
Duloxetine	5.620	3860	230.88	14.2	63.84	20595	9.5173 ng/ml
EDDP	5.217	18514	3160.79	36.7	67.19	81238	10.2883 ng/ml
Etizolam	5.788	10214	4245.91	28.6	2252.45	20227	9.6357 ng/ml
Fentanyl	5.057	3691	3705.69	51.5	1218.36	181520	1.0039 ng/ml
Fluorofentanyl	5.118	7691	115.40	44.4	930.64	1477	1.0385 ng/ml
Fluoxetine	5.688	50109	1115.87	6.7	3127.95	167100	10.1992 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	10575	36.52	39.0	19.28	51325	10.6481 ng/ml
Hydromorphone	1.555	7748	6908.93	81.7	34376.57	24837	10.1036 ng/ml
Hydroxyzine	5.685	41726	29842.18	60.5	5981.12	78259	10.1112 ng/ml
Ketamine	3.994	23013	1652.90	33.1	175.44	93666	10.2723 ng/ml
Lamotrigine	4.212	23098	670.20	79.7	24729.48	280527	111.6154 ng/ml
Lorazepam	5.721	11231	320.84	60.5	65.86	76943	9.8195 ng/ml
MDA	3.126	43499	153.31	31.2	7964.62	108003	10.3789 ng/ml
MDMA	3.234	23689	449.17	101.2	520.29	23424	9.8056 ng/ml
Meprobamate	4.842	11591	363.68	35.0	55.38	52983	10.4198 ng/ml
Methadone	5.633	44534	268.48	67.0	847.12	173309	9.8778 ng/ml
Methamphetamine	3.168	95128	2527.30	31.7	1057.28	186652	9.9421 ng/ml
Metoprolol	4.266	6997	23775.36	113.8	395.95	333726	9.8355 ng/ml
Mirtazapine	4.628	42650	6037.62	64.6	69.72	143473	9.8992 ng/ml
Mitragynine	5.185	9756	7562.34	38.3	5331.51	173309	9.8365 ng/ml
Morphine	1.200	1035	96.92	126.8	126.88	2161	8.7060 ng/ml
Norbuprenorphine	4.932	218	398.54	81.6	64.43	7216	1.1860 ng/ml
Nordiazepam	5.868	12658	197.59	53.0	757.21	37347	10.0762 ng/ml
Norfentanyl	4.022	5877	679.47	37.4	48.28	232053	1.0077 ng/ml
Norhydrocodone	3.010	2118	66.85	40.6	119.62	15608	9.7244 ng/ml
Noroxycodone	2.839	6856	500.16	48.6	345.25	21481	9.4567 ng/ml
O-desmethyl-tramadol	3.308	63223	4853.58	5.7	115.26	356815	9.9934 ng/ml
o-desmethylvenlafaxine	4.000	12364	351.37	341.9	10058.33	51311	9.9872 ng/ml
Oxazepam	5.723	13496	828.74	74.7	257.96	76943	9.8566 ng/ml
Oxycodone	2.777	15576	622.42	31.5	387.14	66128	10.2500 ng/ml
Oxymorphone	1.352	6171	113.58	49.7	105.34	19725	10.0845 ng/ml
Phentermine	3.711	15107	753.69	6.0	85.80	183081	9.2712 ng/ml
Promethazine	5.517	56429	698.41	32.4	311.15	249826	9.9844 ng/ml
Pseudoephedrine	2.511	57100	3367.73	18.2	3291.01	280527	9.8650 ng/ml
Quetiapine	5.534	38086	2247.03	57.7	74837.24	52187	9.9431 ng/ml
Sertraline	5.756	14842	152.34	91.7	759.27	59471	9.8850 ng/ml
Temazepam	5.791	31034	415.63	25.6	299.69	111856	10.4115 ng/ml
Tramadol	4.191	69947	15280.92	3.2	44.12	333726	10.0662 ng/ml
Trazodone	5.131	47469	36695.47	64.8	29653.99	147248	10.2712 ng/ml
Venlafaxine	4.983	62681	340.09	28.1	100.20	296445	9.8355 ng/ml
Xylazine	4.035	19503	606.44	42.1	106.24	90000	9.8560 ng/ml
Zolpidem	4.887	44118	1433.93	27.7	6394.17	196624	9.9861 ng/ml



AM #28 Multi-Drug Quant. Results

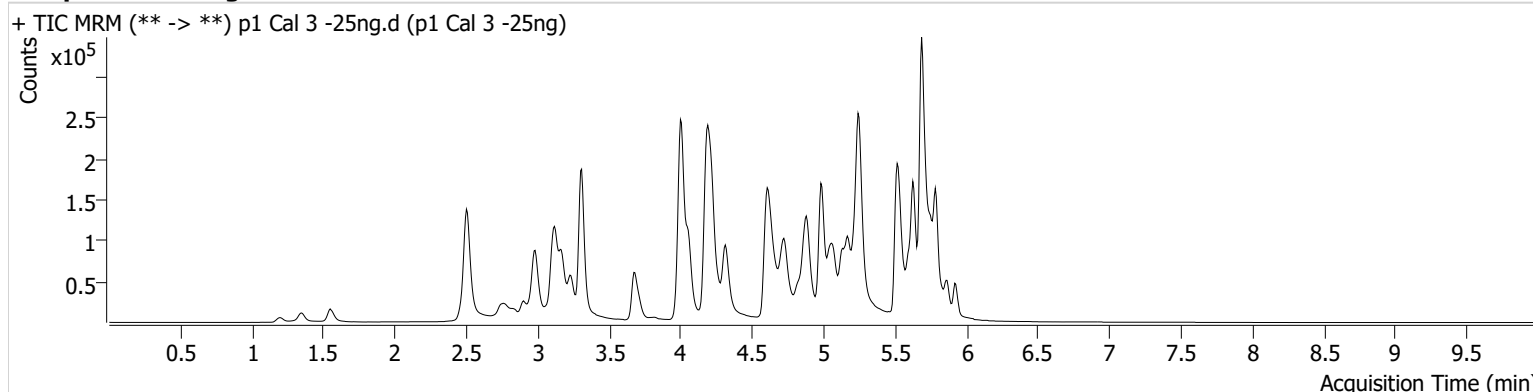
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Type Cal
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Sample Position P4-F12
Injection Volume 2
Acq. Date-Time 11/7/2024 12:13:13 AM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
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	3.075	1399	102.84	74.4	245.30	16016	2.6516 ng/ml
7-aminoclonazepam	4.203	22247	5522.52	68.9	41.95	36682	29.5156 ng/ml
9-hydroxyrisperidone	4.604	4038	151.11	3457.6	2583.64	222067	25.2409 ng/ml
a-hydroxyalprazolam	5.659	12309	190.34	64.3	236.74	17499	25.8342 ng/ml
alpha-PHP	4.889	21245	4537.39	257.5	479.28	134297	25.4311 ng/ml
alpha-PVP	4.322	83140	12170.79	53.4	2271.06	134297	24.5960 ng/ml
Alprazolam	5.743	38585	642.87	103.5	212.07	58621	23.9592 ng/ml
Amphetamine	2.986	159158	5677.12	44.0	569.12	71990	26.7232 ng/ml
Benzoylcegonine	3.822	2449	165.31	41.2	35.43	3633	26.5160 ng/ml
Bromazolam	5.781	32955	44949.83	130.2	30169.28	31167	26.2769 ng/ml
Buprenorphine	5.855	2054	639.77	15.6	322.66	33797	2.5667 ng/ml
Bupropion	4.732	75569	787.05	65.1	246.38	99590	25.1242 ng/ml
Carisoprodol	5.697	45699	49045.41	81.7	563.08	91900	23.6185 ng/ml
Citalopram	5.174	72518	3795.29	29.9	199.70	133595	23.7967 ng/ml
Clonazepam	5.571	30003	213.26	31.2	179.44	16724	26.9162 ng/ml
Clonazepam	5.514	25154	1385.57	38.0	5651.20	16724	28.1292 ng/ml
Cocaine	4.223	50715	2030.41	61.6	4299.88	207838	24.3555 ng/ml
Codeine	2.521	6668	789.74	97.9	16656.00	13073	25.2231 ng/ml
Cyclobenzaprine	5.601	58596	182.23	8.5	401.11	92448	24.3082 ng/ml
Dextromethorphan	5.231	41533	70.47	86.4	3673.34	69716	25.2779 ng/ml
Dextropropion	4.062	27544	490.45	204.3	239.43	108790	24.4839 ng/ml
Diazepam	5.928	25198	249.20	88.2	172.22	41766	25.0266 ng/ml
Dihydrocodeine	2.500	16669	1447.22	70.0	1079.80	37711	26.5290 ng/ml
Diphenhydramine	5.252	175101	8006.04	32.8	8282.71	372087	24.4372 ng/ml
Doxylamine	4.641	154678	4316.45	87.7	830.86	254875	25.5079 ng/ml
Duloxetine	5.620	8596	1871.72	13.0	165.95	18433	24.3584 ng/ml
EDDP	5.224	53032	1480.07	38.6	7668.66	98404	24.5646 ng/ml
Etizolam	5.788	22537	1649.00	26.9	2177.98	16724	25.3406 ng/ml
Fentanyl	5.057	7657	4030.12	63.9	814.86	167109	2.3225 ng/ml
Fluorofentanyl	5.118	17942	501.81	44.5	4327.37	1367	2.5754 ng/ml
Fluoxetine	5.688	109853	19481.57	6.9	7462.85	152501	24.8146 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	24113	242.01	41.2	48.76	50420	24.8027 ng/ml
Hydromorphone	1.555	18950	102391.85	80.2	50.22	24980	24.6851 ng/ml
Hydroxyzine	5.685	94505	20073.26	60.5	26470.42	69716	26.2038 ng/ml
Ketamine	4.001	54049	371.11	32.6	239.09	90620	25.7062 ng/ml
Lamotrigine	4.212	49555	2413.97	83.8	12025.64	271699	267.6695 ng/ml
Lorazepam	5.721	26021	1212.65	58.2	136.63	65919	29.2634 ng/ml
MDA	3.126	99575	803.83	30.5	172.79	99873	27.3567 ng/ml
MDMA	3.234	56378	45750.76	101.6	2380.22	22145	24.8199 ng/ml
Meprobamate	4.842	28736	10926.54	32.1	1161.67	51162	27.7719 ng/ml
Methadone	5.633	100526	899.68	66.9	724.29	152442	25.5482 ng/ml
Methamphetamine	3.168	171219	779.93	31.2	1716.33	180583	25.8313 ng/ml
Metoprolol	4.266	16560	12285.09	118.0	645.34	317498	25.1305 ng/ml
Mirtazapine	4.628	100606	2326.30	65.1	791.20	134297	25.0839 ng/ml
Mitragynine	5.192	22394	26159.22	36.9	6947.08	152442	25.4341 ng/ml
Morphine	1.200	3029	138.42	103.8	1368.67	2070	26.5545 ng/ml
Norbuprenorphine	4.939	358	281.47	101.4	111.63	6995	2.1242 ng/ml
Nordiazepam	5.868	29141	976.61	51.7	210.47	34552	25.5232 ng/ml
Norfentanyl	4.022	13260	804.27	39.4	187.59	225579	2.3245 ng/ml
Norhydrocodone	3.010	4923	126.67	43.3	102.93	14802	22.5126 ng/ml
Noroxycodone	2.839	16936	435.25	46.5	497.18	20613	25.7494 ng/ml
O-desmethyl-tramadol	3.308	151611	3854.31	5.7	122.48	350901	24.2536 ng/ml
o-desmethylvenlafaxine	4.000	29537	701.06	343.0	5855.56	49978	24.3726 ng/ml
Oxazepam	5.723	28547	287.50	71.8	132.83	65919	24.7861 ng/ml
Oxycodone	2.777	36451	514.65	31.0	267.73	63321	25.3947 ng/ml
Oxymorphone	1.346	15411	136.17	49.6	587.53	20499	25.0218 ng/ml
Phentermine	3.711	39777	167.15	5.6	80.19	176452	26.4306 ng/ml
Promethazine	5.517	132226	411.89	31.7	512.44	232823	25.3038 ng/ml
Pseudoephedrine	2.511	138272	14652.35	17.9	39930.88	271699	24.8539 ng/ml
Quetiapine	5.534	90156	∞	56.4	112.82	50627	25.0483 ng/ml
Sertraline	5.756	32570	127.31	93.5	589.91	52227	24.4368 ng/ml
Temazepam	5.791	64576	766.37	25.2	439.52	98614	25.0809 ng/ml
Tramadol	4.191	166299	9183.17	3.1	111.97	317498	25.9535 ng/ml
Trazodone	5.131	110667	105731.73	61.8	104.21	140431	26.4502 ng/ml
Venlafaxine	4.990	148493	1749.54	26.5	158.50	276853	25.1796 ng/ml
Xylazine	4.035	47497	29550.66	43.3	58.76	86628	24.7150 ng/ml
Zolpidem	4.887	109127	57340.04	26.9	1069.98	194141	25.6148 ng/ml



AM #28 Multi-Drug Quant. Results

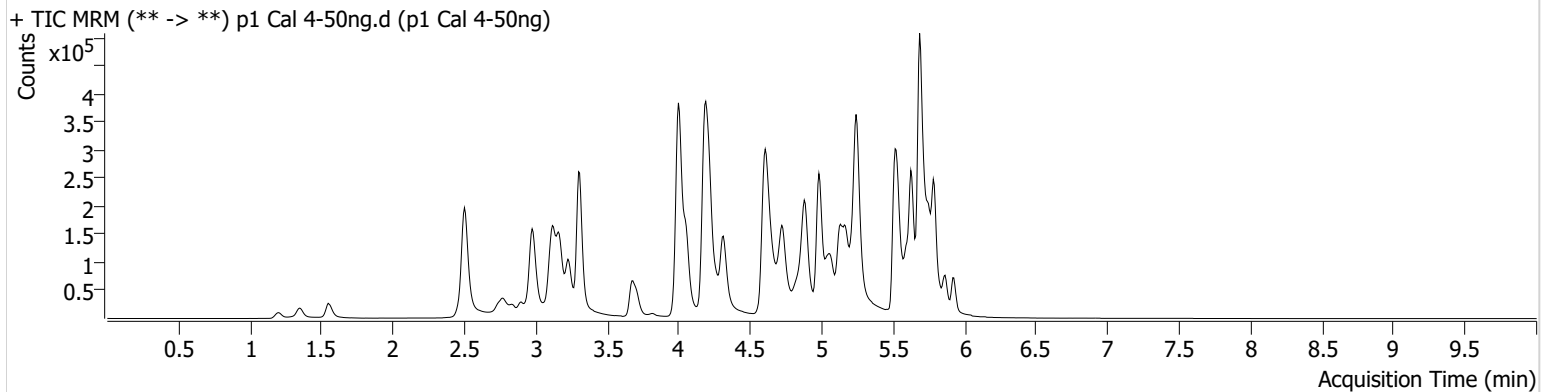
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Sample Position P4-E12
Injection Volume 2
Acq. Date-Time 11/7/2024 12:23:52 AM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
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	3.075	2777	161.73	71.2	1709.97	17145	4.9169 ng/ml
7-aminoclonazepam	4.203	39145	2186.78	66.2	16906.84	34040	58.0355 ng/ml
9-hydroxyrisperidone	4.597	8231	204.66	3654.0	3563.96	236884	48.8136 ng/ml
a-hydroxyalprazolam	5.659	24600	114.04	60.8	245.65	17473	52.2805 ng/ml
alpha-PHP	4.882	44798	569.67	252.7	5376.78	140066	52.3754 ng/ml
alpha-PVP	4.315	177850	552.97	52.6	855.50	140066	50.5244 ng/ml
Alprazolam	5.743	78429	406.40	105.9	411.52	59211	47.8894 ng/ml
Amphetamine	2.979	331182	161.86	42.1	149.25	76313	53.7906 ng/ml
Benzoylcegonine	3.822	4509	43.19	42.7	1478.22	3654	48.5176 ng/ml
Bromazolam	5.781	64924	578.30	132.0	54505.54	31190	52.5233 ng/ml
Buprenorphine	5.855	4292	3738.06	15.7	755.10	36270	5.0375 ng/ml
Bupropion	4.732	160177	9419.93	65.4	960.78	103815	51.3434 ng/ml
Carisoprodol	5.697	90013	309.36	78.5	285.14	87139	49.2145 ng/ml
Citalopram	5.167	152615	543.41	29.7	161.38	135766	49.0375 ng/ml
Clonazepam	5.571	62854	408.87	30.6	261.17	17336	55.1189 ng/ml
Clonazolam	5.514	51168	19276.45	38.6	22719.55	17336	55.5301 ng/ml
Cocaine	4.217	108195	70405.96	61.6	7389.90	214616	50.5374 ng/ml
Codeine	2.521	13692	8177.31	99.0	58.75	12867	53.6023 ng/ml
Cyclobenzaprine	5.601	122723	316.35	8.1	31.30	93488	49.9620 ng/ml
Dextromethorphan	5.231	86818	87.77	86.8	2480.29	73979	49.9139 ng/ml
Dextrorphan	4.055	57685	374.22	203.9	419.81	113809	48.9037 ng/ml
Diazepam	5.928	51395	381.90	90.6	1718.69	42136	51.1533 ng/ml
Dihydrocodeine	2.500	34900	546.91	69.5	125.08	40225	52.8110 ng/ml
Diphenhydramine	5.252	370883	13768.29	32.3	3712.19	386740	49.8690 ng/ml
Doxylamine	4.628	327966	738.61	100.7	64.99	282008	48.2707 ng/ml
Duloxetine	5.620	17870	4261.22	13.0	186.22	18929	49.7831 ng/ml
EDDP	5.217	63883	328.86	40.0	30108.45	60090	48.6268 ng/ml
Etizolam	5.788	46816	1964.11	28.1	10238.55	17336	50.5555 ng/ml
Fentanyl	5.057	17188	1792.13	59.7	10931.59	175496	5.0189 ng/ml
Fluorofentanyl	5.111	36934	1282.02	45.1	1223.38	1320	5.4617 ng/ml
Fluoxetine	5.688	215855	368.91	7.2	134.69	151396	49.3355 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	50519	∞	40.1	64.89	50728	51.7201 ng/ml
Hydromorphone	1.555	39342	107497.02	81.8	5965.01	25591	50.1068 ng/ml
Hydroxyzine	5.685	195755	13794.80	62.6	108625.26	73979	51.4568 ng/ml
Ketamine	3.994	112865	8107.99	31.7	972.96	94984	51.7482 ng/ml
Lamotrigine	4.212	90956	397.10	83.1	65094.38	278437	492.6984 ng/ml
Lorazepam	5.721	46925	2884.35	59.2	327.29	63326	56.3269 ng/ml
MDA	3.126	194010	5236.71	30.7	134.52	100066	54.2634 ng/ml
MDMA	3.234	117532	2833.14	102.4	4619.07	23441	48.9695 ng/ml
Meprobamate	4.842	55246	11801.40	30.0	48781.46	51632	53.4945 ng/ml
Methadone	5.633	205377	4805.82	68.0	2251.82	162540	49.0696 ng/ml
Methamphetamine	3.168	317429	353.12	32.5	328.73	192616	51.1908 ng/ml
Metoprolol	4.266	35610	558.62	112.8	1342.42	335967	51.5273 ng/ml
Mirtazapine	4.621	212148	629.20	66.3	197.26	140066	50.8078 ng/ml
Mitragynine	5.185	47584	1856.25	36.9	423.36	162540	50.5403 ng/ml
Morphine	1.200	6301	992.00	106.8	493.22	2171	52.6535 ng/ml
Norbuprenorphine	4.932	761	1244.07	102.1	517.39	7235	4.5355 ng/ml
Nordiazepam	5.868	57207	506.92	52.9	1255.37	34496	50.4765 ng/ml
Norfentanyl	4.022	28441	1608.90	38.0	90.77	227786	4.9250 ng/ml
Norhydrocodone	3.003	10208	128.66	41.7	161.86	14873	45.4938 ng/ml
Noroxycodone	2.839	32953	363.87	48.6	512.55	20579	51.0338 ng/ml
O-desmethyl-tramadol	3.308	321909	20990.53	5.8	244.22	367843	49.0430 ng/ml
o-desmethylvenlafaxine	4.000	62141	1506.53	340.1	248.48	51446	49.7233 ng/ml
Olanzapine	5.023	7588	157.53	387.3 High	501.45	35	424.6926 ng/ml
Oxazepam	5.723	57003	6010.68	71.3	160.15	63326	51.8499 ng/ml
Oxycodone	2.770	77050	738.36	31.7	812.80	68024	50.1977 ng/ml
Oxymorphone	1.352	32908	387.22	49.7	136.58	21427	51.7022 ng/ml
Phentermine	3.711	83759	533.49	5.6	395.81	185779	53.4978 ng/ml
Promethazine	5.517	272901	104427.83	31.8	141.31	244162	49.9268 ng/ml
Pseudoephedrine	2.511	281478	665.00	18.1	13896.31	278437	49.4948 ng/ml
Quetiapine	5.534	186783	40015.48	57.4	9460.50	49688	53.4828 ng/ml
Sertraline	5.756	64381	487.35	92.9	107656.73	50312	49.9569 ng/ml
Temazepam	5.791	121380	4522.60	26.3	358.74	94732	49.4319 ng/ml
Tramadol	4.184	346672	385.11	3.2	220.13	335967	51.6453 ng/ml
Trazodone	5.131	226974	205549.61	67.3	308.14	147980	52.3603 ng/ml
Venlafaxine	4.983	315327	678.70	27.2	645.70	297518	49.9016 ng/ml
Xylazine	4.029	100676	59842.22	45.2	2003.28	91348	49.5336 ng/ml
Zolpidem	4.887	224857	270136.67	27.2	20416.84	199744	51.6975 ng/ml



AM #28 Multi-Drug Quant. Results

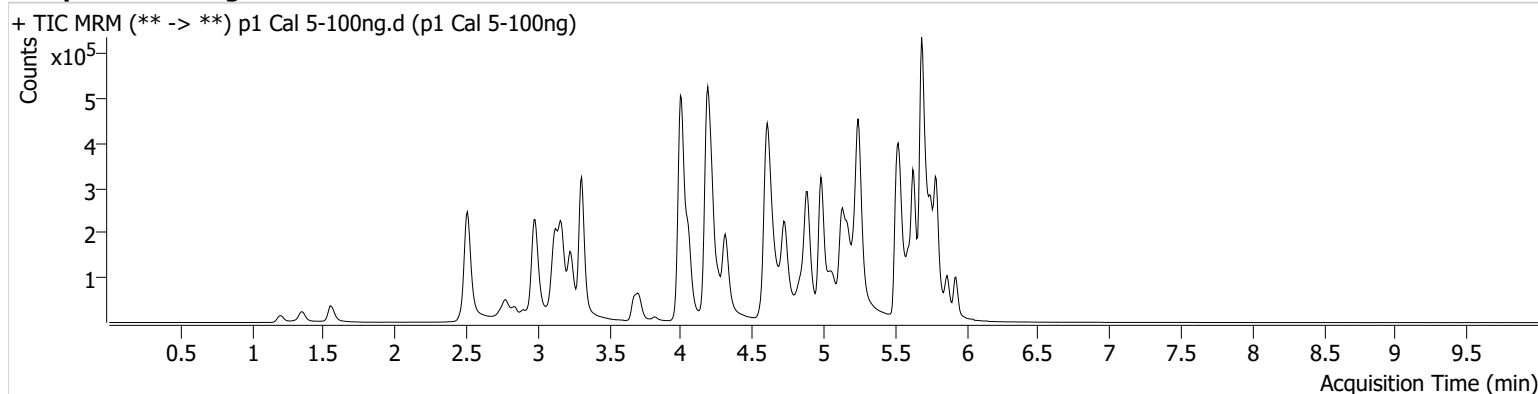
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Sample Position P4-D12
Injection Volume 2
Acq. Date-Time 11/7/2024 12:34:30 AM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
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	3.075	4641	200.83	71.5	433.66	14288	9.8613 ng/ml
7-aminoclonazepam	4.203	54004	∞	67.5	1150.21	26319	105.3676 ng/ml
9-hydroxyrisperidone	4.597	13382	886.37	3645.3	6189.30	193524	97.7692 ng/ml
a-hydroxyalprazolam	5.659	36435	16716.93	65.8	1110.52	14117	96.3170 ng/ml
alpha-PHP	4.882	70155	1226.09	253.0	27832.14	111269	104.1592 ng/ml
alpha-PVP	4.315	282688	13223.44	53.0	17353.76	111269	101.1640 ng/ml
Alprazolam	5.743	128332	610.18	105.0	898.48	44317	104.3136 ng/ml
Amphetamine	2.986	499368	16476.21	42.6	78.96	61758	101.4185 ng/ml
Benzoylcegonine	3.822	8207	146.60	44.9	185.77	3569	90.3875 ng/ml
Bromazolam	5.781	97872	129070.44	136.4	180467.11	24632	101.0006 ng/ml
Buprenorphine	5.855	7007	7280.58	16.7	1841.55	28472	10.5237 ng/ml
Bupropion	4.732	252839	190.39	65.9	29395.55	82686	101.9985 ng/ml
Carisoprodol	5.697	144669	21231.35	76.1	2291.22	67812	101.7904 ng/ml
Citalopram	5.167	241698	238.94	29.9	1889.26	107104	98.2161 ng/ml
Clonazepam	5.571	103186	1771.90	31.2	206.99	14753	106.9903 ng/ml
Clonazepam	5.514	82589	1904.96	38.4	396.60	14753	105.6308 ng/ml
Cocaine	4.217	174028	447.28	61.5	39105.47	173597	100.6989 ng/ml
Codeine	2.521	22677	139.03	97.0	7407.16	10810	106.5478 ng/ml
Cyclobenzaprine	5.601	186551	4515.02	8.7	11604.51	72261	97.9124 ng/ml
Dextromethorphan	5.231	135485	10566.93	86.8	398.36	58122	99.2665 ng/ml
Dextrorphan	4.055	91870	53968.02	205.2	3906.14	88105	100.4876 ng/ml
Diazepam	5.928	86333	1733.97	89.8	321.88	35682	102.0079 ng/ml
Dihydrocodeine	2.500	57689	3359.09	69.3	774.61	33414	105.8493 ng/ml
Diphenhydramine	5.252	591045	145774.92	32.4	138.84	309433	99.3931 ng/ml
Doxylamine	4.614	568281	8528.62	95.8	4737.54	232073	100.9011 ng/ml
Duloxetine	5.620	28946	1018.31	13.5	477.10	15107	101.5045 ng/ml
EDDP	5.217	111150	174.00	40.6	74.97	50677	100.5037 ng/ml
Etizolam	5.788	76385	46912.33	27.6	13207.08	14753	96.7224 ng/ml
Fentanyl	5.057	27048	65752.75	58.5	186.66	141060	9.8724 ng/ml
Fluorofentanyl	5.111	57548	7150.34	48.7	22468.09	1104	10.1489 ng/ml
Fluoxetine	5.688	339442	347280.22	6.9	15485.85	114170	103.1223 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	82147	249.08	40.6	53.22	42376	100.7355 ng/ml
Hydromorphone	1.555	64747	2538.64	81.5	1472.69	20822	101.4322 ng/ml
Hydroxyzine	5.685	306155	336275.77	64.3	140868.56	58122	102.7520 ng/ml
Ketamine	3.994	181050	492.50	32.1	295.12	76747	103.2672 ng/ml
Lamotrigine	4.212	129461	2615.47	84.3	5093.65	221895	893.1827 ng/ml
Lorazepam	5.721	68307	2834.64	59.0	512.95	50041	105.0993 ng/ml
MDA	3.126	301347	157.88	30.9	3036.29	79222	107.5468 ng/ml
MDMA	3.234	192044	8240.02	102.3	6381.15	19363	96.9522 ng/ml
Meprobamate	4.842	85373	836.33	32.9	125.58	40723	105.4348 ng/ml
Methadone	5.633	328125	22545.43	66.5	1007.65	124718	102.3100 ng/ml
Methamphetamine	3.168	485882	18652.88	32.8	407.57	158230	102.7452 ng/ml
Metoprolol	4.266	57102	37786.02	112.6	2982.50	271955	102.5116 ng/ml
Mirtazapine	4.614	352046	19752.40	65.1	2263.64	111269	106.2309 ng/ml
Mitragynine	5.185	77380	94521.93	37.0	1113.83	124718	106.9493 ng/ml
Morphine	1.200	10452	473.84	104.3	333.98	1830	103.5774 ng/ml
Norbuprenorphine	4.939	1310	1709.63	94.2	183.37	5429	10.6235 ng/ml
Nordiazepam	5.868	93245	703.26	52.4	1403.29	28771	98.9330 ng/ml
Norfentanyl	4.022	45553	7940.26	38.1	203.59	180704	9.9324 ng/ml
Norhydrocodone	3.003	17560	438.69	41.8	74.22	12105	95.1323 ng/ml
Noroxycodone	2.839	54115	2266.96	49.3	164.11	16694	104.2262 ng/ml
O-desmethyl-tramadol	3.308	536932	556.14	5.8	727.70	300250	100.1342 ng/ml
o-desmethylvenlafaxine	4.000	98100	2551.93	348.0	11989.29	41356	97.5662 ng/ml
Oxazepam	5.723	89797	2226.62	69.4	1417.16	50041	103.6675 ng/ml
Oxycodone	2.770	129306	540.14	31.9	877.57	54940	104.5621 ng/ml
Oxymorphone	1.352	49220	654.40	51.8	370.77	17266	96.4453 ng/ml
Phentermine	3.711	134837	432.36	5.6	449.55	152964	105.2047 ng/ml
Promethazine	5.517	427713	834.97	32.3	593.62	192070	99.6025 ng/ml
Pseudoephedrine	2.511	460420	27412.27	18.0	26744.70	221895	101.7218 ng/ml
Quetiapine	5.534	298998	35009.92	57.9	86411.01	41314	103.4726 ng/ml
Sertraline	5.756	102787	569.22	90.7	26218.64	39924	100.3330 ng/ml
Temazepam	5.791	196332	1684.08	26.2	1867.72	74704	101.7836 ng/ml
Tramadol	4.184	558694	18767.12	3.2	227.13	271955	103.3491 ng/ml
Trazodone	5.131	365507	2012.99	67.0	18762.87	118972	105.8080 ng/ml
Venlafaxine	4.983	500753	4065.29	27.9	222.73	234775	100.5757 ng/ml
Xylazine	4.029	164132	50227.81	45.3	3606.10	72881	101.0659 ng/ml
Zolpidem	4.887	366417	77569.59	27.6	1278.73	166073	101.7061 ng/ml



AM #28 Multi-Drug Quant. Results

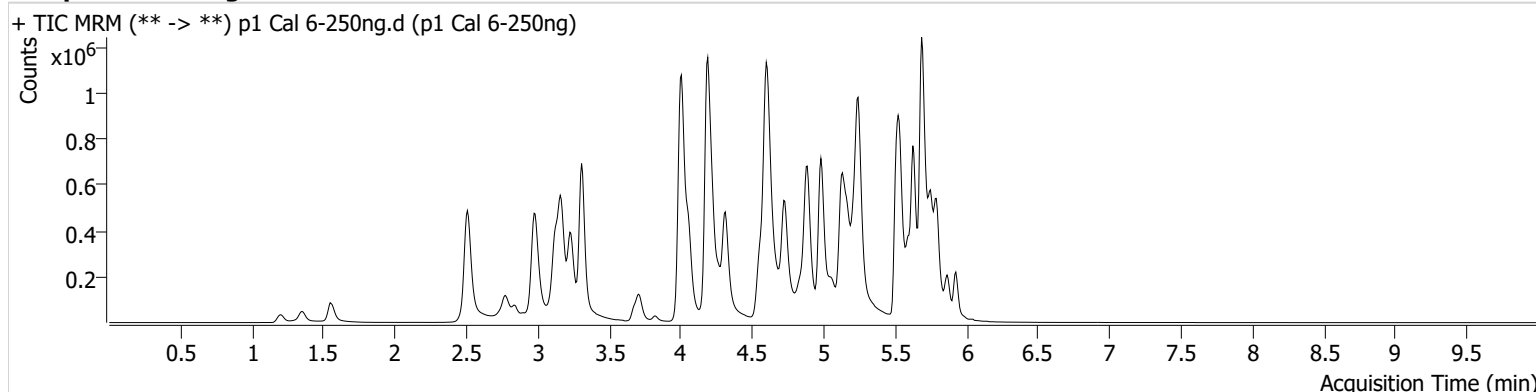
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Sample Position P4-C12
Injection Volume 2
Acq. Date-Time 11/7/2024 12:45:08 AM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
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	3.075	12423	1185.07	73.8	110.97	15782	23.8945 ng/ml
7-aminoclonazepam	4.203	81423	694.42	70.4	∞	19350	218.5076 ng/ml
9-hydroxyrisperidone	4.597	37196	940.25	3549.2	2246.60	203810	259.0785 ng/ml
a-hydroxyalprazolam	5.659	83149	316.42	61.3	251.12	12051	258.4482 ng/ml
alpha-PHP	4.882	186559	16595.21	243.7	29429.41	122370	253.1877 ng/ml
alpha-PVP	4.315	778841	42176.93	54.3	605.42	122370	253.5462 ng/ml
Alprazolam	5.743	317739	649.35	102.2	2485.70	44515	256.6558 ng/ml
Amphetamine	2.979	1098124	33015.82	42.2	42028.95	66380	208.9399 ng/ml
Benzoylcegonine	3.822	24013	237.29	41.4	197.51	3714	254.0762 ng/ml
Bromazolam	5.781	207433	170008.20	134.9	8403.12	20471	258.8453 ng/ml
Buprenorphine	5.855	19752	9966.22	16.0	172.82	34105	24.8248 ng/ml
Bupropion	4.732	700087	350973.03	65.8	444.15	92512	252.7955 ng/ml
Carisoprodol	5.697	261255	1094.39	78.2	290.62	48808	255.6049 ng/ml
Citalopram	5.167	636951	2673.76	29.2	27991.61	112003	247.1651 ng/ml
Clonazepam	5.571	216654	37382.81	32.0	754.82	13657	243.5812 ng/ml
Clonazolam	5.514	170334	156339.88	40.7	87480.41	13657	235.7743 ng/ml
Cocaine	4.217	431393	47170.99	62.9	165.40	174571	248.5267 ng/ml
Codeine	2.521	50921	260.08	95.4	14556.10	10278	252.8691 ng/ml
Cyclobenzaprine	5.601	500709	50539.18	8.2	56693.79	74867	253.0846 ng/ml
Dextromethorphan	5.224	366124	66030.41	83.8	8783.16	60548	257.6968 ng/ml
Dextrorphan	4.062	236246	740.67	205.5	1614.43	91742	247.9974 ng/ml
Diazepam	5.928	216125	492.48	89.1	∞	35522	257.3371 ng/ml
Dihydrocodeine	2.494	138602	638.33	71.4	1346.13	35540	240.0628 ng/ml
Diphenhydramine	5.245	1564627	70645.92	33.9	635.09	323722	251.6047 ng/ml
Doxylamine	4.573	1529831	34770.35	101.9	38338.04	261987	239.6913 ng/ml
Duloxetine	5.620	68862	5725.83	13.5	376.92	14303	255.7478 ng/ml
EDDP	5.217	356028	216.17	40.4	145.44	64472	253.3118 ng/ml
Etizolam	5.788	182268	1481.24	29.0	53763.79	13657	248.9784 ng/ml
Fentanyl	5.057	81306	3773.35	59.7	122.04	163722	25.6455 ng/ml
Fluorofentanyl	5.111	166780	5598.75	45.3	450.68	1319	24.5821 ng/ml
Fluoxetine	5.688	761333	95354.28	7.0	71790.43	104385	253.3018 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.968	214314	∞	42.3	∞	43869	253.9719 ng/ml
Hydromorphone	1.555	166780	350319.44	82.3	3950.59	22116	246.0988 ng/ml
Hydroxyzine	5.685	805843	686304.32	65.8	538386.28	60548	260.1114 ng/ml
Ketamine	3.994	448251	597.96	32.1	7280.27	79576	247.3316 ng/ml
Lamotrigine	4.212	227718	23970.64	86.2	148435.08	225265	1559.9097 ng/ml
Lorazepam	5.714	101551	5141.88	58.5	406.08	34500	228.4694 ng/ml
MDA	3.126	657719	31000.52	29.5	2561.71	74196	252.1314 ng/ml
MDMA	3.234	517944	661.16	101.8	31871.57	19499	259.8134 ng/ml
Meprobamate	4.842	188188	176.72	32.2	93.88	42045	225.8403 ng/ml
Methadone	5.626	876312	949527.83	67.2	19732.01	138412	246.3806 ng/ml
Methamphetamine	3.168	1233884	44910.26	32.9	379.19	176290	245.0961 ng/ml
Metoprolol	4.266	144947	919.94	114.2	2451.29	281067	252.4269 ng/ml
Mirtazapine	4.607	897373	5705.62	65.8	2096.09	122370	246.3403 ng/ml
Mitragynine	5.185	205057	120815.57	38.0	66749.66	138412	255.1717 ng/ml
Morphine	1.200	25457	1716.35	105.4	1213.43	1856	248.7435 ng/ml
Norbuprenorphine	4.939	3551	2928.08	99.8	13075.47	6377	24.7124 ng/ml
Nordiazepam	5.868	209624	1206.34	52.6	519.57	25200	254.4064 ng/ml
Norfentanyl	4.028	103588	10282.41	38.6	475.97	156617	26.0426 ng/ml
Norhydrocodone	3.003	48480	559.68	42.8	588.44	12078	261.6268 ng/ml
Noroxycodone	2.839	130348	2861.16	49.4	4961.45	16017	263.0079 ng/ml
O-desmethyl-tramadol	3.308	1444915	86225.56	6.2	1114.73	321717	251.3658 ng/ml
o-desmethylvenlafaxine	4.000	241054	7795.23	346.6	246.81	39950	248.0515 ng/ml
Oxazepam	5.723	152230	4358.34	69.4	168.96	34500	255.3572 ng/ml
Oxycodone	2.770	338831	658.65	32.6	4466.53	60692	248.3518 ng/ml
Oxymorphone	1.352	120894	330.12	47.8	796.06	15492	265.0054 ng/ml
Phentermine	3.711	334338	373.43	5.3	121.04	166261	240.8167 ng/ml
Promethazine	5.511	1166766	998.26	33.2	66548.78	210205	248.4628 ng/ml
Pseudoephedrine	2.511	1152748	105183.35	17.8	213695.60	225265	251.0551 ng/ml
Quetiapine	5.534	775778	42982.26	60.3	15299.15	44429	250.4166 ng/ml
Sertraline	5.756	218247	36747.05	93.5	299872.13	33696	252.1455 ng/ml
Temazepam	5.798	350818	15566.38	26.4	2166.35	53984	252.2296 ng/ml
Tramadol	4.184	1423042	413.58	3.4	252.04	281067	255.4845 ng/ml
Trazodone	5.131	938968	741311.86	72.3	337.10	137084	237.0452 ng/ml
Venlafaxine	4.983	1360035	350.25	27.4	336.13	259810	247.0579 ng/ml
Xylazine	4.029	434894	148019.57	48.3	2363.20	78091	249.7095 ng/ml
Zolpidem	4.887	1001268	131384.74	27.2	1086.52	180324	256.5591 ng/ml



AM #28 Multi-Drug Quant. Results

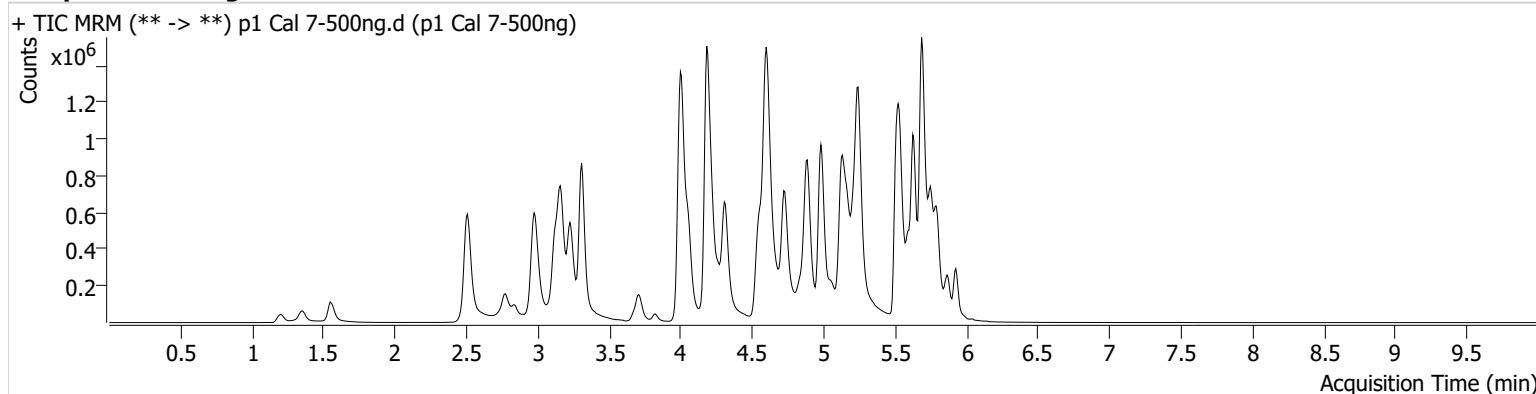
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Acq. Date-Time 11/7/2024 12:55:46 AM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
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	3.075	18013	1728.52	69.6	26027.65	10790	50.6762 ng/ml
7-aminoclonazepam	4.203	89571	33.24	68.8	1190.53	10455	447.2789 ng/ml
9-hydroxyrisperidone	4.597	50695	5866.43	3598.9	1128.81	143571	501.8556 ng/ml
a-hydroxyalprazolam	5.659	97858	295.69	61.9	306.74	7305	502.2821 ng/ml
alpha-PHP	4.875	269795	10634.67	247.6	24344.29	90057	498.4335 ng/ml
alpha-PVP	4.315	1124199	1551.25	55.3	799.19	90057	497.3598 ng/ml
Alprazolam	5.743	420055	551.17	103.2	2900.56	30471	495.3813 ng/ml
Amphetamine	2.979	1421183	41156.42	43.1	213.65	47068	382.5038 ng/ml
Benzoylcegonine	3.822	43110	6649.01	43.5	305.91	3649	464.2155 ng/ml
Bromazolam	5.781	254769	362996.74	136.9	326227.51	13335	488.7531 ng/ml
Buprenorphine	5.855	30097	32290.73	16.1	4956.77	25341	50.9560 ng/ml
Bupropion	4.732	998676	10920.92	66.0	1133.75	66143	504.6263 ng/ml
Carisoprodol	5.697	307088	465.72	79.3	260.26	29492	497.3659 ng/ml
Citalopram	5.167	910561	311.78	29.5	25742.72	75727	522.3525 ng/ml
Clonazepam	5.571	274469	1641.11	30.8	17956.05	9020	467.8404 ng/ml
Clonazepam	5.514	200130	161067.66	42.1	5737.59	9020	419.6713 ng/ml
Cocaine	4.217	602696	565.39	61.7	22835.65	118642	511.1138 ng/ml
Codeine	2.521	66696	178.24	96.4	101.44	7206	473.1782 ng/ml
Cyclobenzaprine	5.601	717595	19075.10	8.2	158.79	54626	496.7595 ng/ml
Dextromethorphan	5.224	539363	309.02	81.2	391.76	44803	513.1688 ng/ml
Dextrorphan	4.055	330627	620.39	206.5	1553.41	61917	514.1380 ng/ml
Diazepam	5.928	304433	577.51	90.2	314.32	26029	495.1829 ng/ml
Dihydrocodeine	2.494	180618	625.65	72.7	6292.26	25194	441.9504 ng/ml
Diphenhydramine	5.245	2248683	484.33	33.2	1306.09	227032	515.6804 ng/ml
Doxylamine	4.559	2370114	19378.89	91.4	10356.28	190850	509.0089 ng/ml
Duloxetine	5.620	95772	3073.52	13.3	1713.90	10015	508.4119 ng/ml
EDDP	5.217	465668	18154.73	40.5	165.77	42990	497.0438 ng/ml
Etizolam	5.788	249810	2630.07	28.7	2059.19	9020	516.3929 ng/ml
Fentanyl	5.057	125089	12344.44	58.7	28129.50	124072	52.1139 ng/ml
Fluorofentanyl	5.111	239628	6290.17	46.7	76949.91	898	51.8386 ng/ml
Fluoxetine	5.688	1045572	28835.64	7.1	976.20	71709	506.6053 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.968	294212	1476.02	41.2	188.89	30312	504.6445 ng/ml
Hydromorphone	1.555	223176	332175.86	81.4	993.31	14304	509.2714 ng/ml
Hydroxyzine	5.685	1114231	2036.82	68.4	339433.80	44803	486.3284 ng/ml
Ketamine	3.994	606709	727.68	32.3	625.77	58551	455.4248 ng/ml
Lamotrigine	4.212	271544	18932.25	85.6	760.65	151857	2772.2254 ng/ml
Lorazepam	5.714	114602	17328.86	58.5	1778.92	20780	429.4505 ng/ml
MDA	3.126	820553	20954.27	30.8	6835.47	50238	465.5121 ng/ml
MDMA	3.228	748289	15781.50	102.8	50210.78	14325	511.0317 ng/ml
Meprobamate	4.842	243127	12095.52	32.4	14602.41	28267	434.5890 ng/ml
Methadone	5.633	1261246	692.65	68.5	653.38	100447	488.7613 ng/ml
Methamphetamine	3.161	1763813	203.25	32.5	534.04	132528	473.7401 ng/ml
Metoprolol	4.266	193082	44761.62	113.5	3155.82	200693	471.3042 ng/ml
Mirtazapine	4.607	1263001	1683.88	64.2	961.78	90057	471.1945 ng/ml
Mitragynine	5.185	286880	90306.12	37.3	73418.58	100447	491.7869 ng/ml
Morphine	1.200	34309	727.15	104.7	656.35	1239	502.2658 ng/ml
Norbuprenorphine	4.939	5052	821.71	103.0	5907.94	4666	48.2055 ng/ml
Nordiazepam	5.868	276342	665.82	52.3	25037.11	17035	496.4008 ng/ml
Norfentanyl	4.022	135763	9659.91	39.3	4473.60	103608	51.5832 ng/ml
Norhydrocodone	3.003	68921	2577.20	42.1	163.35	8529	525.7536 ng/ml
Noroxycodone	2.839	170045	1696.70	48.1	448.07	11645	472.6546 ng/ml
O-desmethyl-tramadol	3.308	2019265	20177.40	6.2	17417.00	223559	505.4398 ng/ml
o-desmethylvenlafaxine	4.000	320050	2288.14	344.9	64805.11	25690	512.0515 ng/ml
Oxazepam	5.723	177481	110.08	68.7	122.96	20780	494.5610 ng/ml
Oxycodone	2.770	473507	5162.10	33.0	920.37	42785	492.5542 ng/ml
Oxymorphone	1.352	170978	1552.29	47.1	778.56	11616	500.3565 ng/ml
Phentermine	3.711	461538	251.16	5.3	717.41	121175	456.6931 ng/ml
Promethazine	5.511	1735347	796.96	34.1	13430.75	156579	496.2368 ng/ml
Pseudoephedrine	2.511	1540107	50098.83	18.0	178.99	151857	497.6812 ng/ml
Quetiapine	5.534	1031459	143796.78	60.6	417782.82	30268	489.2374 ng/ml
Sertraline	5.756	307918	29950.28	91.3	1150.34	23656	506.5544 ng/ml
Temazepam	5.798	421515	20067.99	26.0	3527.35	32130	509.5716 ng/ml
Tramadol	4.184	1970463	115803.62	3.4	300.70	200693	495.9414 ng/ml
Trazodone	5.131	1345953	87600.56	71.5	318.13	104621	446.0371 ng/ml
Venlafaxine	4.983	2009321	∞	27.5	606.33	188923	502.1140 ng/ml
Xylazine	4.022	645643	62339.32	49.1	2303.74	57237	505.6385 ng/ml
Zolpidem	4.887	1360310	797200.79	27.5	1088.37	128439	489.7232 ng/ml



AM #28 Multi-Drug Quant. Results

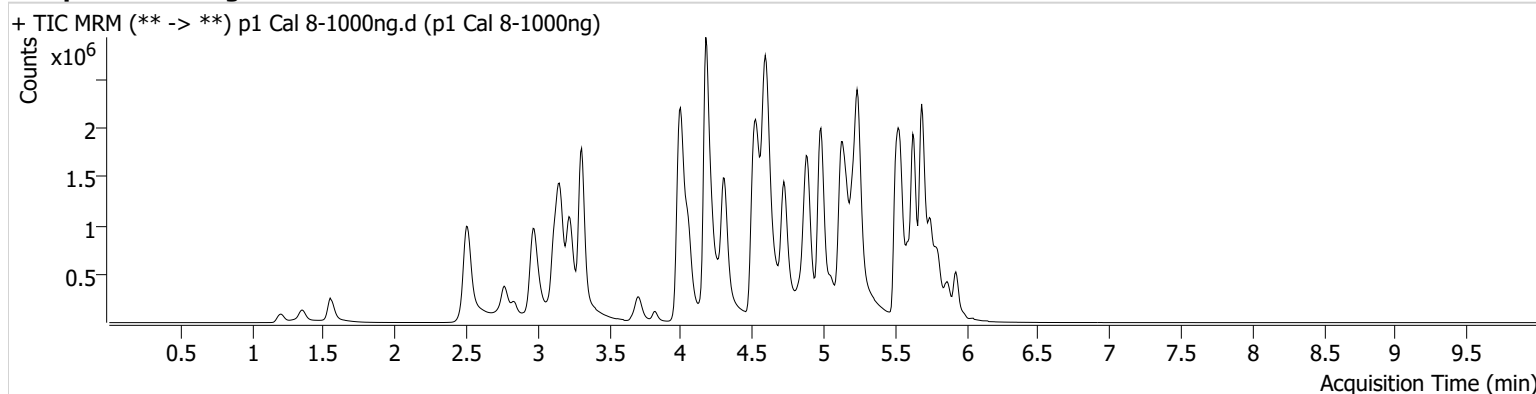
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P4-A12
Injection Volume 2
Acq. Date-Time 11/7/2024 1:06:23 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
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	3.068	42001	712.48	71.2	385.81	12962	98.3626 ng/ml
7-aminoclonazepam	4.217	90887	4305.32	68.7	41.78	5318	894.6003 ng/ml
9-hydroxyrisperidone	4.597	107206	572.22	3474.0	12756.51	151222	1008.2264 ng/ml
a-hydroxyalprazolam	5.659	144956	226.65	66.0	126.96	6001	906.2112 ng/ml
alpha-PHP	4.869	577824	5673.94	247.2	78650.70	110110	873.7941 ng/ml
alpha-PVP	4.309	2748268	19349.66	55.7	34873.27	110110	994.5090 ng/ml
Alprazolam	5.743	813341	265.38	101.2	294.27	29009	1007.2061 ng/ml
Amphetamine	2.979	2373368	499.01	43.4	491.76	59357	506.9714 ng/ml
Benzoylcegonine	3.822	108175	603.05	42.5	1105.75	3773	1126.6218 ng/ml
Bromazolam	5.781	394426	98428.75	138.0	218292.87	11484	879.3346 ng/ml
Buprenorphine	5.855	72938	317.80	16.3	307.01	33910	92.3170 ng/ml
Bupropion	4.725	2160615	1511.87	66.8	1264.22	78076	925.0942 ng/ml
Carisoprodol	5.697	460015	20581.15	80.7	20530.08	21240	1034.6378 ng/ml
Citalopram	5.160	1739785	∞	30.1	455.26	73054	1034.3424 ng/ml
Clonazepam	5.571	372089	4008.14	31.4	10141.14	6657	860.0323 ng/ml
Clonazolam	5.507	262333	138220.91	42.4	83924.50	6657	745.7062 ng/ml
Cocaine	4.210	1259393	394.03	61.3	13490.50	126725	1000.0931 ng/ml
Codeine	2.521	129197	144.47	97.1	286.50	7437	888.9405 ng/ml
Cyclobenzaprine	5.594	1235660	9312.08	8.0	34313.71	44787	1042.9324 ng/ml
Dextromethorphan	5.217	1004940	230.52	79.8	2274.64	45119	949.5516 ng/ml
Dextrorphan	4.055	694912	3627.29	207.5	61701.24	66382	1007.8216 ng/ml
Diazepam	5.928	630035	13920.02	90.9	3213.40	28343	941.6192 ng/ml
Dihydrocodeine	2.487	385970	15853.11	72.4	1211.69	34030	699.6305 ng/ml
Diphenhydramine	5.245	4520890	847.59	33.9	4142.32	234866	1002.2342 ng/ml
Doxylamine	4.525	6483926	102905.19	94.1	77912.16	250731	1059.2136 ng/ml
Duloxetine	5.620	81619	4527.23	12.8	430.71	4363	995.0669 ng/ml
EDDP	5.210	1395052	839.91	41.1	1315.07	63242	1012.3857 ng/ml
Etizolam	5.795	471425	16597.44	28.4	63193.87	6657	1320.1715 ng/ml
Fentanyl	5.050	294143	2853.56	59.6	219643.20	152655	99.6439 ng/ml
Fluorofentanyl	5.104	460205	200636.33	48.0	588.89	1066	83.8570 ng/ml
Fluoxetine	5.688	958336	220.47	7.0	9362.67	34983	952.0090 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.962	730953	∞	42.0	206.19	41731	910.7460 ng/ml
Hydromorphone	1.555	547446	1423228.72	82.8	1336884.95	18119	986.2339 ng/ml
Hydroxyzine	5.685	2053836	267492.91	68.4	172739.77	45119	890.4356 ng/ml
Ketamine	3.987	1113180	428.90	32.2	2944.06	65560	746.6217 ng/ml
Lamotrigine	4.212	299083	3904.64	85.1	23209.49	155088	2991.0905 ng/ml
Lorazepam	5.714	139057	17097.26	61.6	4257.12	11616	934.0250 ng/ml
MDA	3.119	1397871	72161.64	30.2	2950.50	48862	816.2151 ng/ml
MDMA	3.228	1564135	7843.76	102.0	3336.21	15262	1002.6873 ng/ml
Meprobamate	4.842	403829	2167.80	31.3	208.20	31074	656.9727 ng/ml
Methadone	5.633	2781131	78245.07	69.6	2928.36	106158	1019.9112 ng/ml
Methamphetamine	3.154	3744739	111282.97	32.3	289.32	174604	768.6329 ng/ml
Metoprolol	4.266	368952	137814.16	112.2	4973.08	238948	756.6842 ng/ml
Mirtazapine	4.594	2676153	64085.75	61.2	58913.80	110110	816.6442 ng/ml
Mitragynine	5.185	563627	778986.89	38.1	5627.95	106158	914.0996 ng/ml
Morphine	1.200	72997	996.19	102.0	1476.45	1419	933.3097 ng/ml
Norbuprenorphine	4.932	12317	1354.42	95.1	22536.78	5381	102.1022 ng/ml
Nordiazepam	5.874	436074	1902.99	50.7	633.18	13751	970.7112 ng/ml
Norfentanyl	4.022	196129	∞	39.3	1722.65	62967	122.6017 ng/ml
Norhydrocodone	3.003	151680	577.40	42.9	329.52	8766	1124.7853 ng/ml
Noroxycodone	2.833	383753	6095.04	45.5	721.08	13124	947.3174 ng/ml
O-desmethyl-tramadol	3.308	4818716	78930.42	6.4	1597.43	263266	1024.1650 ng/ml
o-desmethylvenlafaxine	3.993	552022	22356.01	340.6	99750.76	21968	1032.7566 ng/ml
Olanzapine	4.770	209620	2166.01	60.1 Low	1832.16	453	1018.3190 ng/ml
Oxazepam	5.723	187580	55.52	71.4	40.71	11616	935.3202 ng/ml
Oxycodone	2.764	1225695	1986.70	32.4	∞	57501	948.9192 ng/ml
Oxymorphone	1.352	380241	1060.99	49.9	1101.15	13781	938.3706 ng/ml
Phentermine	3.711	964159	∞	5.1	364.98	153908	751.5487 ng/ml
Promethazine	5.511	3090753	10363.86	33.0	70032.46	137081	1009.6769 ng/ml
Pseudoephedrine	2.511	3174664	145.02	17.9	171.20	155088	1004.6424 ng/ml
Quetiapine	5.534	2088928	111289.86	61.9	125903.53	32441	924.9191 ng/ml
Sertraline	5.756	197893	11955.55	92.1	20835.80	5996	1284.1720 ng/ml
Temazepam	5.805	493997	14519.28	26.2	3535.06	20373	942.1344 ng/ml
Tramadol	4.177	4211640	241749.67	3.5	981.39	238948	890.7364 ng/ml
Trazodone	5.124	2644155	242052.26	76.9	106046.86	133707	686.1362 ng/ml
Venlafaxine	4.983	4737160	1148.79	27.6	33000.05	222308	1006.1555 ng/ml
Xylazine	4.015	1456428	156453.96	50.4	3718.65	64978	1004.5842 ng/ml
Zolpidem	4.887	3121453	261434.55	26.8	605694.42	155501	928.5393 ng/ml