

Worklist: 6187

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-4184	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4275	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4511	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4512	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4514	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4606	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4840	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3363	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3487	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3490	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3493	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3498	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3544	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3581	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3592	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3593	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3595	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3619	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3620	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3661	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3662	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6187

CS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-3663	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 12/09/2022

Plate lot#: 220802

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

Blank Blood Lot: Lampire 22B52015-2

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 02/02/2023

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

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine Hydrolysis (if applicable): 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** into the appropriate wells of the analytical (standards) plate. **Pipette ID: 42**
- 4. Pipette **250µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300L of blood+base or urine+base (if applicable)** mixture to corresponding wells of SLE+ plate.
- 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). Manifold ID: 067104**
- 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.
- 16. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 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.

Curve Limits: 7-aminoclonazepam 5-250 (Cals 7 and 8 removed due to accuracy), Amphetamine 5-100 (Cals 6, 7 and 8 removed due to accuracy- Qualitative only), Chlordiazepoxide 5-500 (Cal 8 removed due to accuracy), Chlorpheniramine 10-1000 (Cal 1 removed due to peak shape), Clonazolam 5-250 (Cals 7 and 8 removed due to accuracy), Codeine 5-500 (Cal 8 removed due to accuracy), Dihydrocodeine 5-500 (Cal 8 removed due to accuracy), DMT 5-500 (Cal 8 removed due to accuracy), Etizolam 5-500 (Cal 8 removed due to accuracy), Flualprazolam 5-250 (Cals 7 and 8 removed due to accuracy), Fluorofentanyl 0.5-50 (Cal 8 removed due to accuracy), Hydroxyzine 5-500 (Cal 8 removed due to accuracy), Ketamine 5-500 (Cal 8 removed due to accuracy), Lamotrigine 5-500 (Cal 8 removed due to accuracy), MDA 5-250 (Cals 7 and 8 removed due to accuracy), Meprobamate 5-100 (Cals 6, 7 and 8 removed due to accuracy- Qualitative only), Methamphetamine 5-500 (Cal 8 removed due to accuracy), Metoprolol 5-500 (Cal 8 removed due to accuracy), Norfentanyl 0.5-25 (Cals 7 and 8 removed due to accuracy), Olanzapine 5-500 (Cal 8 removed due to accuracy), Oxycodone 5-500 (Cal 8 removed due to accuracy), Phentermine 5-250 (Cals 7 and 8 removed due to accuracy), Tramadol 5-500 (Cal 8 removed due to accuracy), and Zolpidem 5-500 (Cal 8 removed due to accuracy).

	1	2	3	4	5	6	7	8	9	10		12
A									P2022-3619-1	P2022-3490-1	M2022-4275-4	IS + Cal. 8
B									P2022-3595-1	P2022-3487-1	M2022-4184-1	IS + Cal. 7
C									P2022-3593-1	P2022-3363-1	Neg Ctrl	IS + Cal. 6
D									P2022-3592-1	M2022-4840-2	IS + QC_2	IS + Cal. 5
E								P2022-3663-1	P2022-3581-1	M2022-4606-1	IS + QC_4	IS + Cal. 4
F								P2022-3662-1	P2022-3544-1	M2022-4514-2	IS + QC_3	IS + Cal. 3
G								P2022-3661-1	P2022-3498-1	M2022-4512-1	IS + QC_2	IS + Cal. 2
H								P2022-3620-1	P2022-3493-1	M2022-4511-1	IS + QC_1	IS + Cal. 1

	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1	P2022-3493-1		P2022-3619-1	P2022-3490-1	M2022-4275-4	IS + Cal. 8
B					IS + Cal. 2	IS + QC_2	P2022-3595-1		P2022-3595-1	P2022-3487-1	M2022-4184-1	IS + Cal. 7
C					IS + Cal. 3	IS + QC_3			P2022-3593-1	P2022-3363-1	Neg Ctrl	IS + Cal. 6
D					IS + Cal. 4	IS + QC_4			P2022-3592-1	M2022-4840-2	IS + QC_2	IS + Cal. 5
E					IS + Cal. 5	Neg Ctrl		P2022-3663-1	P2022-3581-1	M2022-4606-1	IS + QC_4	IS + Cal. 4
F					IS + Cal. 6	M2022-4186-1 (TS)		P2022-3662-1	P2022-3544-1	M2022-4514-2	IS + QC_3	IS + Cal. 3
G					IS + Cal. 7	M2022-4512-1		P2022-3661-1	P2022-3498-1	M2022-4512-1	IS + QC_2	IS + Cal. 2
H					IS + Cal. 8	M2022-4606-1		P2022-3620-1	P2022-3493-1	M2022-4511-1	IS + QC_1	IS + Cal. 1
SLE Plate					P2			P1				

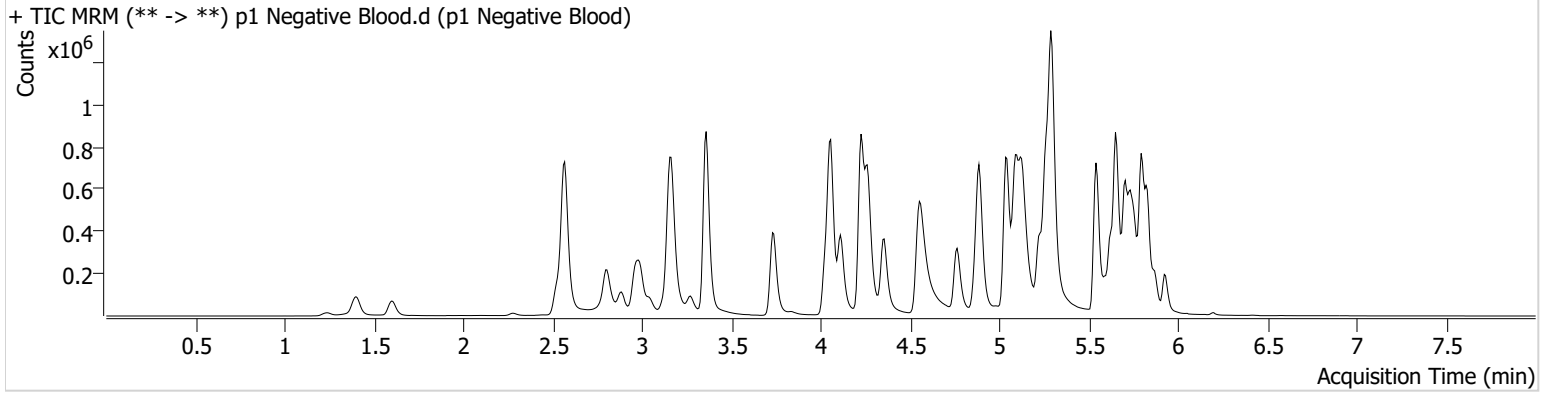
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	12/10/2022 1:52:21 AM		
Sample Info.			

Sample Chromatogram



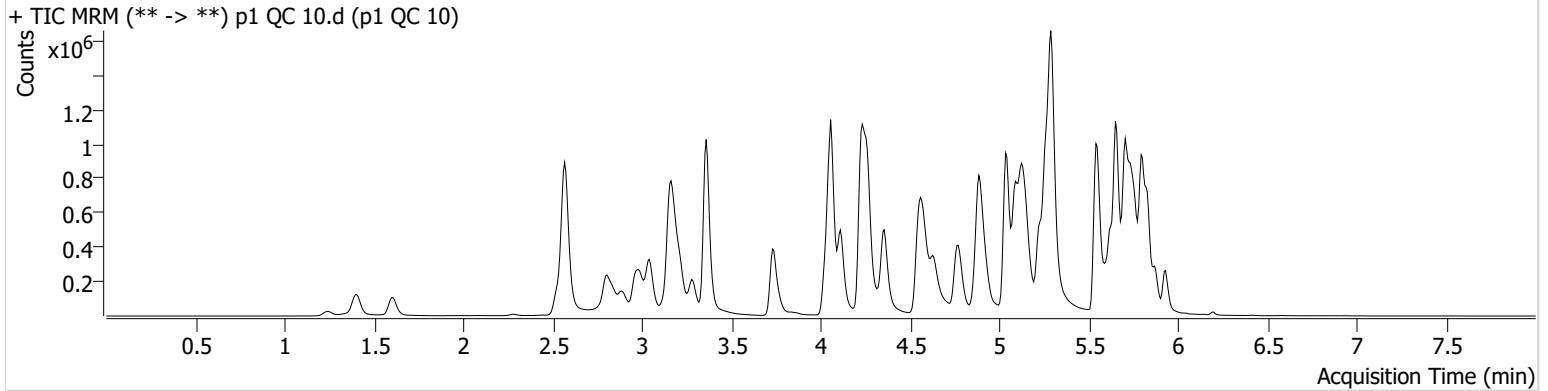


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-H11 **Comment**
Injection Volume 2
Acq. Date-Time 12/10/2022 12:37:52 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3978	362.06	80.7	155.09	114758	0.9950 ng/ml
7-aminoclonazepam	4.244	31653	591.83	81.6	709.58	130771	10.4321 ng/ml
a-hydroxyalprazolam	5.681	39956	543.60	64.7	831.70	1235633	10.1608 ng/ml
alpha-PHP	4.935	66151	280.82	249.3	766.23	919358	10.1943 ng/ml
alpha-PVP	4.363	244271	291.52	52.6	311.34	919358	9.6481 ng/ml
Alprazolam	5.758	130366	307.56	121.7	2282.51	554077	9.9887 ng/ml
Amphetamine	3.043	428754	6366.45	49.2	569.47	648244	10.4839 ng/ml
Benzoylecgonine	3.864	5559	307.96	7.9	95.16	18355	10.2533 ng/ml
Buprenorphine	5.830	5503	670.49	17.1	734.50	226933	0.9147 ng/ml
Bupropion	4.785	239544	604.23	65.2	292.79	805821	9.6617 ng/ml
Carisoprodol	5.713	139353	49218.82	62.5	636.51	566432	9.5094 ng/ml
Chlordiazepoxide	5.834	72910	1031.13	139.4	796.53	848976	10.6757 ng/ml
Chlorpheniramine	5.131	430814	1104.95	0.3	24.12	1868424	10.2142 ng/ml
Citalopram	5.225	207474	256.32	39.2	172.10	795189	10.0279 ng/ml
Clonazepam	5.600	141769	1359.85	34.7	571.96	185328	10.5308 ng/ml
Clonazolam	5.544	119757	12265.85	35.5	71479.32	185328	10.9314 ng/ml
Cocaine	4.257	164404	260.91	54.4	382.10	1430599	9.9722 ng/ml
Codeine	2.580	22208	2110.18	105.8	972.23	109431	10.6931 ng/ml
Cyclobenzaprine	5.624	189171	∞	7.1	33.48	709088	9.9099 ng/ml
Dextromethorphan	5.268	129152	1210.44	78.2	1580.87	564075	10.3170 ng/ml
Dextrorphan	4.111	78579	222.85	211.3	688.98	804447	10.0923 ng/ml
Diazepam	5.930	76063	324.96	90.3	343.40	345591	9.9877 ng/ml
Dihydrocodeine	2.552	56164	485.76	60.4	352.07	326309	10.5196 ng/ml
Diphenhydramine	5.296	552280	19557.62	33.3	251.82	2707918	9.5919 ng/ml
DMT	2.852	30676	481.05	120.7	418.71	564075	9.3352 ng/ml
Doxylamine	4.572	492398	167.56	98.5	4173.55	2163469	10.2988 ng/ml
Duloxetine	5.650	12282	319.34	15.4	87.90	61024	10.1814 ng/ml
EDDP	5.261	262877	15935.44	43.9	632.34	1253282	9.9530 ng/ml
Etizolam	5.797	69634	18533.01	26.8	23622.04	185328	10.0075 ng/ml
Fentanyl	5.101	20600	506.02	72.0	78.57	973056	1.0069 ng/ml
Flualprazolam	5.688	77024	3089.65	92.8	3285.83	554077	10.8213 ng/ml
Fluorofentanyl	5.155	45962	555.15	41.1	1059.58	8817	0.9803 ng/ml
Fluoxetine	5.703	169978	2841.12	7.9	7638.19	555768	9.8991 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	97092	311.04	33.2	80.54	448238	10.6876 ng/ml
Hydromorphone	1.609	80226	369195.32	73.3	175.75	236087	10.5353 ng/ml
Hydroxyzine	5.700	224692	2602.70	73.8	2990.23	564075	9.3867 ng/ml
Ketamine	4.043	167525	1785.76	36.1	264.27	670649	10.2258 ng/ml
Lamotrigine	4.274	17404	485.30	73.7	614.62	2038515	10.2579 ng/ml
Lorazepam	5.729	114290	521.54	49.3	154.69	695184	10.3317 ng/ml
MDA	3.191	302228	2270.58	34.5	433.70	908842	10.4641 ng/ml
MDMA	3.285	163367	1141.61	106.2	1512.58	177294	10.2024 ng/ml
Meprobamate	4.894	112196	2797.73	27.6	1088.94	531259	10.3104 ng/ml
Methadone	5.655	418546	640.81	45.2	353.82	1554333	9.8975 ng/ml
Methamphetamine	3.219	395296	732.61	36.8	751.18	1495509	10.4051 ng/ml
Metoprolol	4.320	51293	937.13	102.5	994.00	1983270	10.5156 ng/ml
Mirtazapine	4.634	354818	463.97	48.8	573.37	919358	9.9239 ng/ml
Mitragynine	5.229	82269	10001.05	37.9	114.84	1554333	9.7532 ng/ml
Morphine	1.247	12788	22.31	53.6	381.59	22143	10.4149 ng/ml
Norbuprenorphine	4.990	848	365.12	116.7	979.38	34508	0.8621 ng/ml
Nordiazepam	5.877	94002	689.53	59.2	316.35	275873	10.4913 ng/ml
Norfentanyl	4.078	39177	2643.18	39.5	199.08	1497084	0.9334 ng/ml
Norhydrocodone	3.060	18309	137.78	39.8	83.05	127027	9.3169 ng/ml
Noroxycodone	2.904	97642	669.52	42.5	944.76	312044	10.2266 ng/ml
O-desmethyl-tramadol	3.366	400733	919.17	5.9	647.41	2144991	9.8448 ng/ml
o-desmethylvenlafaxine	4.063	554829	50.51	18.6	681.41	474174	9.9526 ng/ml
Olanzapine	4.618	57006	55.09	55.6	48.35	145559	9.4533 ng/ml
Oxazepam	5.739	159996	559.25	74.1	141.65	695184	9.7650 ng/ml
Oxycodone	2.828	195025	762.02	26.7	703.40	728023	10.0864 ng/ml
Oxymorphone	1.405	100212	397.53	42.5	148.46	324731	10.1405 ng/ml
Phentermine	3.767	105808	233.12	6.8	68.89	1071153	10.7479 ng/ml
Promethazine	5.540	313865	4518.50	32.4	1864.38	1328377	10.0610 ng/ml
Pseudoephedrine	2.576	429141	2150.78	17.3	5692.05	2038515	9.6172 ng/ml
Quetiapine	5.557	261225	5390.40	59.2	3788.89	382581	10.5971 ng/ml
Sertraline	5.772	44135	237.18	109.1	177.69	202103	9.8169 ng/ml
Temazepam	5.800	276793	418.09	26.0	77.28	1235633	10.3139 ng/ml
Tramadol	4.239	387928	∞	3.6	87.49	1983270	9.9559 ng/ml
Trazodone	5.148	263855	7439.38	67.8	4159.01	899549	10.5568 ng/ml
Venlafaxine	5.042	377056	739.11	36.1	233.09	1933300	9.3684 ng/ml
Zolpidem	4.905	408763	1138.44	28.3	5604.72	1548431	10.0340 ng/ml

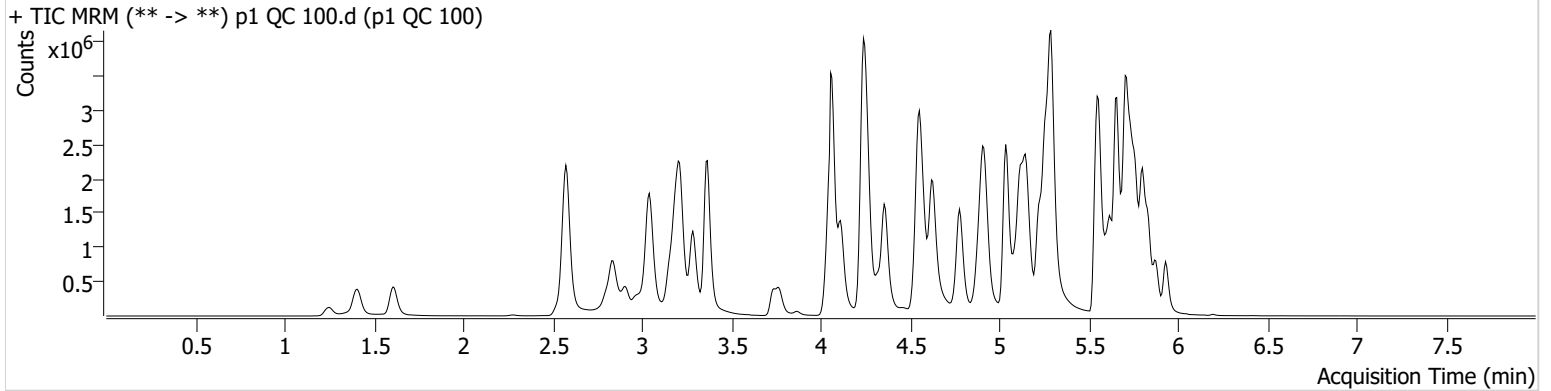
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	12/10/2022 10:01:30 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	37559	1977.89	72.9	19193.06	106847	9.8641 ng/ml
7-aminoclonazepam	4.244	269490	2717.84	79.8	150.36	122913	106.0444 ng/ml
a-hydroxyalprazolam	5.681	272946	830.96	66.5	547.87	901321	99.2193 ng/ml
alpha-PHP	4.928	575999	10759.26	247.3	3284.94	803846	106.3709 ng/ml
alpha-PVP	4.363	2150962	883.07	52.7	11563.37	803846	95.1247 ng/ml
Alprazolam	5.758	1104966	∞	118.9	952.29	441398	104.0403 ng/ml
Amphetamine	3.043	3307752	1096.71	47.1	1345.91	570327	97.2005 ng/ml
Benzoylcegonine	3.864	53241	1143.42	8.0	1975.00	17793	103.1803 ng/ml
Buprenorphine	5.836	52118	9362.86	15.2	11267.45	189745	9.4848 ng/ml
Bupropion	4.778	2187630	64977.74	65.2	1446.52	732733	97.9318 ng/ml
Carisoprodol	5.713	927608	1023246.86	62.9	497.55	362869	91.0750 ng/ml
Chlordiazepoxide	5.834	556941	13769.19	147.3	4694.20	705387	107.7525 ng/ml
Chlorpheniramine	5.117	3817079	7282.63	0.3	68.31	1642276	101.2230 ng/ml
Citalopram	5.218	1750927	1465.26	39.0	357.06	647809	101.0267 ng/ml
Clonazepam	5.600	1107692	2039.91	34.6	67398.38	146346	112.4667 ng/ml
Clonazolam	5.544	859680	166929.53	37.4	416500.81	146346	106.3983 ng/ml
Cocaine	4.257	1409687	15806.32	53.8	67918.79	1218133	99.8442 ng/ml
Codeine	2.580	169414	180.10	105.3	6401.07	94515	107.2189 ng/ml
Cyclobenzaprine	5.624	1515279	28063.97	7.1	138.44	566247	94.6608 ng/ml
Dextromethorphan	5.268	1023935	17370.13	78.2	167500.54	436652	104.2034 ng/ml
Dextrorphan	4.111	683693	3465.21	211.1	45749.77	691998	99.3287 ng/ml
Diazepam	5.930	650021	696.86	89.7	∞	295492	99.9019 ng/ml
Dihydrocodeine	2.552	481314	231.38	59.7	1020.96	304536	106.5302 ng/ml
Diphenhydramine	5.289	4806725	130615.88	32.2	840.64	2227741	98.7480 ng/ml
DMT	2.845	260311	330.55	120.9	11271.59	436652	95.5738 ng/ml
Doxylamine	4.552	4662922	911.09	95.3	77827.78	2022358	102.3361 ng/ml
Duloxetine	5.650	80914	1005.76	15.6	445.22	41069	99.9258 ng/ml
EDDP	5.261	2324749	523.54	43.6	402.38	1092573	98.8739 ng/ml
Etizolam	5.797	558533	1998.16	26.1	126424.56	146346	96.7780 ng/ml
Fentanyl	5.101	175911	5758.88	70.9	263.81	838891	10.5312 ng/ml
Flualprazolam	5.688	558132	6111.43	96.2	78207.07	441398	105.0458 ng/ml
Fluorofentanyl	5.155	369148	7379.75	42.7	134606.32	6620	9.8482 ng/ml
Fluoxetine	5.710	1051481	1071.50	7.9	118706.44	339428	94.3310 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	774521	696.95	34.6	697.82	406632	103.1473 ng/ml
Hydromorphone	1.609	714833	6757.72	72.6	4505.76	210402	102.3738 ng/ml
Hydroxyzine	5.707	1866267	39591.16	74.1	31627.83	436652	92.5224 ng/ml
Ketamine	4.043	1402620	32650.22	37.1	577.62	599414	102.8109 ng/ml
Lamotrigine	4.274	130893	5795.26	82.5	1808.20	1682986	99.4727 ng/ml
Lorazepam	5.729	655365	17490.25	52.5	1368.45	462122	97.9994 ng/ml
MDA	3.191	2164741	6523.88	33.7	2560.02	724988	102.1276 ng/ml
MDMA	3.285	1439965	141360.87	105.4	9632.08	152769	105.5486 ng/ml
Meprobamate	4.888	811177	588.63	27.5	7745.52	443707	95.5811 ng/ml
Methadone	5.655	3622595	1989.62	43.6	1057.62	1308918	100.2951 ng/ml
Methamphetamine	3.212	3419355	46141.60	35.7	4289.82	1419492	104.1037 ng/ml
Metoprolol	4.320	436212	3557.93	103.0	1059.30	1774943	104.8071 ng/ml
Mirtazapine	4.627	3131686	2791.62	48.9	49636.42	803846	97.0760 ng/ml
Mitragynine	5.229	656820	733.35	37.8	256750.77	1308918	97.8525 ng/ml
Morphine	1.247	114690	501.80	54.5	813.99	20056	106.7373 ng/ml
Norbuprenorphine	4.990	7108	89.02	103.2	378.23	30529	10.1281 ng/ml
Nordiazepam	5.877	725910	8401.74	58.9	7053.39	218416	104.5302 ng/ml
Norfentanyl	4.078	333831	21620.19	39.0	196.19	1163710	9.5878 ng/ml
Norhydrocodone	3.067	131904	139.27	40.5	∞	82208	93.6830 ng/ml
Noroxycodone	2.904	747439	651.31	43.7	1856.38	248656	98.7420 ng/ml
O-desmethyl-tramadol	3.366	3681529	199406.27	5.7	1099.80	1880579	100.7923 ng/ml
o-desmethylvenlafaxine	4.063	4890594	46.82	18.6	5041.48	400298	95.7231 ng/ml
Olanzapine	4.543	609092	25371.14	50.0	420.09	140502	97.9228 ng/ml
Oxazepam	5.739	1074594	585.79	73.1	693.77	462122	100.0122 ng/ml
Oxycodone	2.828	1657827	3503.28	27.0	1296.76	649925	102.2475 ng/ml
Oxymorphone	1.405	853487	∞	42.2	∞	284372	100.1692 ng/ml
Phentermine	3.767	858940	4641.94	6.7	1521.21	974784	102.2976 ng/ml
Promethazine	5.541	2604771	1032.02	31.2	2518.63	1034012	102.9939 ng/ml
Pseudoephedrine	2.583	3723769	4444.02	18.1	1504.16	1682986	95.3390 ng/ml
Quetiapine	5.557	2135037	30621.98	60.7	255.28	319452	108.1133 ng/ml
Sertraline	5.772	290049	7084.33	106.3	1722.11	135045	94.9404 ng/ml
Temazepam	5.800	1975457	38410.74	26.8	1535.40	901321	102.0965 ng/ml
Tramadol	4.239	3434888	∞	3.4	235.48	1774943	101.1753 ng/ml
Trazodone	5.148	2179604	539.01	69.5	1055660.13	793541	106.7005 ng/ml
Venlafaxine	5.035	3461330	∞	36.0	10657.58	1670042	95.3067 ng/ml
Zolpidem	4.905	3587631	145111.30	28.0	5189.75	1388516	103.0760 ng/ml

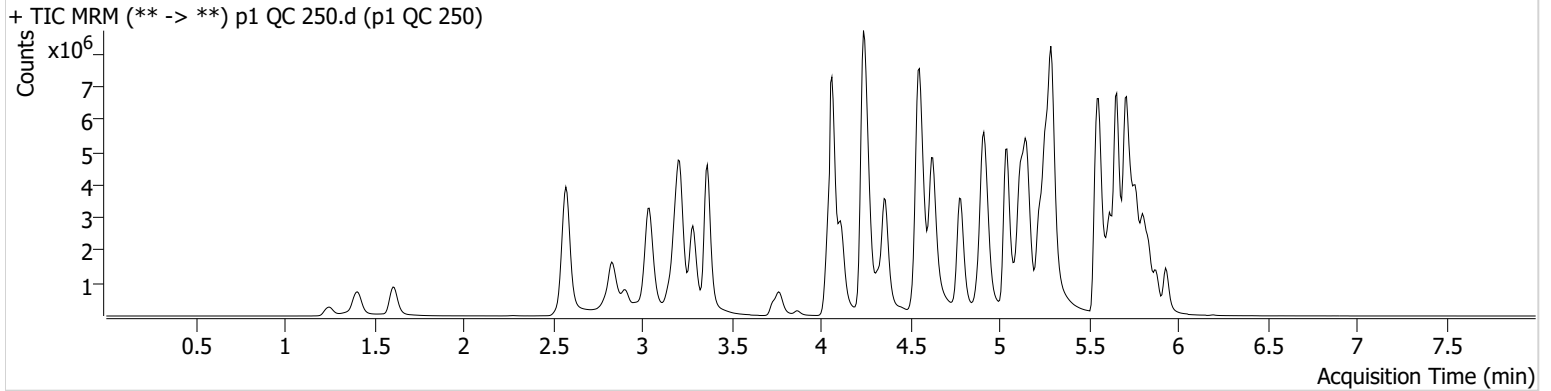


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	12/10/2022 12:59:10 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	97595	14892.95	71.2	610.28	111155	24.6012 ng/ml
7-aminoclonazepam	4.244	542105	477.42	79.0	534.63	109802	240.5840 ng/ml
a-hydroxyalprazolam	5.681	394285	846.86	65.3	226.07	539377	240.1924 ng/ml
alpha-PHP	4.928	1360405	24843.78	253.8	53303.29	794226	255.0247 ng/ml
alpha-PVP	4.363	5477716	113123.09	52.5	48481.24	794226	244.8275 ng/ml
Alprazolam	5.758	2285948	∞	117.4	4918.01	367956	257.8554 ng/ml
Amphetamine	3.043	6532435	1130.25	46.3	1418.97	596283	184.2070 ng/ml *
Benzoylcegonine	3.871	136215	797.47	8.7	243.98	18610	252.6997 ng/ml
Buprenorphine	5.830	133502	8785.80	15.0	30361.98	187312	24.4761 ng/ml
Bupropion	4.785	5614121	2232115.98	64.7	979.79	746078	246.9777 ng/ml
Carisoprodol	5.713	1420769	443.32	62.2	551.32	209087	240.7264 ng/ml
Chlordiazepoxide	5.834	1004302	11434.82	160.4	3580.74	590884	233.3080 ng/ml
Chlorpheniramine	5.117	10278209	84454.92	0.3	689.78	1692347	264.1891 ng/ml
Citalopram	5.225	3937863	∞	39.5	14390.86	583849	251.6452 ng/ml
Clonazepam	5.600	1992198	87803.95	33.8	25022.85	113372	262.3322 ng/ml
Clonazolam	5.544	1381561	79108.72	38.2	480214.67	113372	221.6536 ng/ml
Cocaine	4.264	3303162	212696.45	53.3	134517.07	1141889	249.4796 ng/ml
Codeine	2.580	344055	554.34	100.9	17912.70	85607	242.4298 ng/ml
Cyclobenzaprine	5.624	4070948	564.14	6.5	387.00	562223	255.2400 ng/ml
Dextromethorphan	5.268	2209266	65049.33	77.6	242141.59	385061	254.7265 ng/ml
Dextrorphan	4.118	1688232	12122.67	212.6	1393.14	652709	259.5464 ng/ml
Diazepam	5.930	1441895	∞	88.6	8580.00	256648	255.1596 ng/ml
Dihydrocodeine	2.552	1104622	362.32	60.2	425.26	317274	236.1323 ng/ml
Diphenhydramine	5.296	11522481	847.72	31.8	149040.72	2056790	255.9345 ng/ml
DMT	2.845	627788	13821.19	131.2	29128.98	385061	260.1983 ng/ml
Doxylamine	4.552	12497853	6284.97	94.8	141720.57	2095937	264.3118 ng/ml
Duloxetine	5.643	222273	4307.28	15.2	1294.13	43972	256.4219 ng/ml
EDDP	5.261	5848010	170253.40	42.0	513.99	1064371	254.9500 ng/ml
Etizolam	5.797	1222718	13646.82	25.7	8803.03	113372	272.5108 ng/ml
Fentanyl	5.101	468756	22107.08	69.0	124368.91	925573	25.5233 ng/ml
Flualprazolam	5.688	1007083	11359.98	96.1	14541.31	367956	228.3263 ng/ml
Fluorofentanyl	5.155	1016694	8226.69	42.0	30806.07	6726	26.5813 ng/ml
Fluoxetine	5.710	2476194	672.87	7.7	229.29	306934	244.6201 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1785687	∞	35.1	344.49	402266	241.9559 ng/ml
Hydromorphone	1.609	1743245	4979547.88	73.1	4349405.34	201408	260.2969 ng/ml
Hydroxyzine	5.707	4571848	43098.09	75.1	3308.87	385061	255.5250 ng/ml
Ketamine	4.043	3324437	52727.68	36.4	11355.57	605272	242.4502 ng/ml
Lamotrigine	4.274	283162	1217.88	80.2	11977.76	1439331	252.7551 ng/ml
Lorazepam	5.729	791216	7259.66	51.2	345.23	236291	232.9738 ng/ml
MDA	3.184	3957149	1180.39	33.0	1851.67	640912	212.2731 ng/ml
MDMA	3.285	3445834	8616.14	108.2	6687.25	148855	259.4052 ng/ml
Meprobamate	4.888	1446378	813.00	27.6	434.84	404704	187.6406 ng/ml *
Methadone	5.655	9248949	2499.26	42.4	121517.36	1242902	269.4063 ng/ml
Methamphetamine	3.212	8481163	906.12	34.6	710.02	1515257	243.4070 ng/ml
Metoprolol	4.320	1034879	13152.37	104.1	114001.63	1707910	259.2475 ng/ml
Mirtazapine	4.627	8154218	359064.19	48.1	78084.72	794226	255.2685 ng/ml
Mitragynine	5.229	1559172	302677.37	38.3	8598.08	1242902	245.5738 ng/ml
Morphine	1.253	277552	1020.12	52.7	472.54	19924	260.5978 ng/ml
Norbuprenorphine	4.990	19449	218.64	94.5	7253.51	32812	26.1436 ng/ml
Nordiazepam	5.877	1445807	1170.16	59.9	824.21	175481	259.5051 ng/ml
Norfentanyl	4.078	759895	1208.91	38.1	2140.47	908798	27.8224 ng/ml
Norhydrocodone	3.060	309668	∞	40.0	∞	69455	258.5618 ng/ml
Noroxycodone	2.904	1486055	4254.05	43.6	16826.92	191913	254.4559 ng/ml
O-desmethyl-tramadol	3.366	9538958	110378.15	5.5	2386.29	1853424	264.5754 ng/ml
o-desmethylvenlafaxine	4.063	12085798	45.73	18.0	3431.27	357628	263.2455 ng/ml
Olanzapine	4.523	1624254	19533.55	54.0	1883.89	169262	215.9493 ng/ml
Oxazepam	5.739	1379960	214.86	73.4	175.85	236291	251.4036 ng/ml
Oxycodone	2.822	3816415	2765.07	26.8	4361.64	665496	230.7809 ng/ml
Oxymorphone	1.405	1932715	∞	42.4	∞	266648	242.1607 ng/ml
Phentermine	3.774	1904399	∞	6.7	194.04	1011531	219.4911 ng/ml
Promethazine	5.541	7236175	4141.22	30.1	1296.62	1086645	271.5365 ng/ml
Pseudoephedrine	2.576	8586186	165340.13	17.7	7094.39	1439331	256.0204 ng/ml
Quetiapine	5.557	4933593	97009.85	60.5	95461.93	310879	257.4008 ng/ml
Sertraline	5.772	852631	1281.59	104.4	443.33	152611	246.6729 ng/ml
Temazepam	5.807	3005721	32941.23	26.8	1841.53	539377	259.7924 ng/ml
Tramadol	4.239	8328089	547.88	3.4	∞	1707910	255.3903 ng/ml
Trazodone	5.148	5406430	967.02	72.0	621.61	864313	244.1935 ng/ml
Venlafaxine	5.042	8819430	∞	34.4	12209.02	1612869	250.7254 ng/ml
Zolpidem	4.905	9103901	232551.55	26.9	2001.88	1439029	253.1842 ng/ml

*Outside curve range

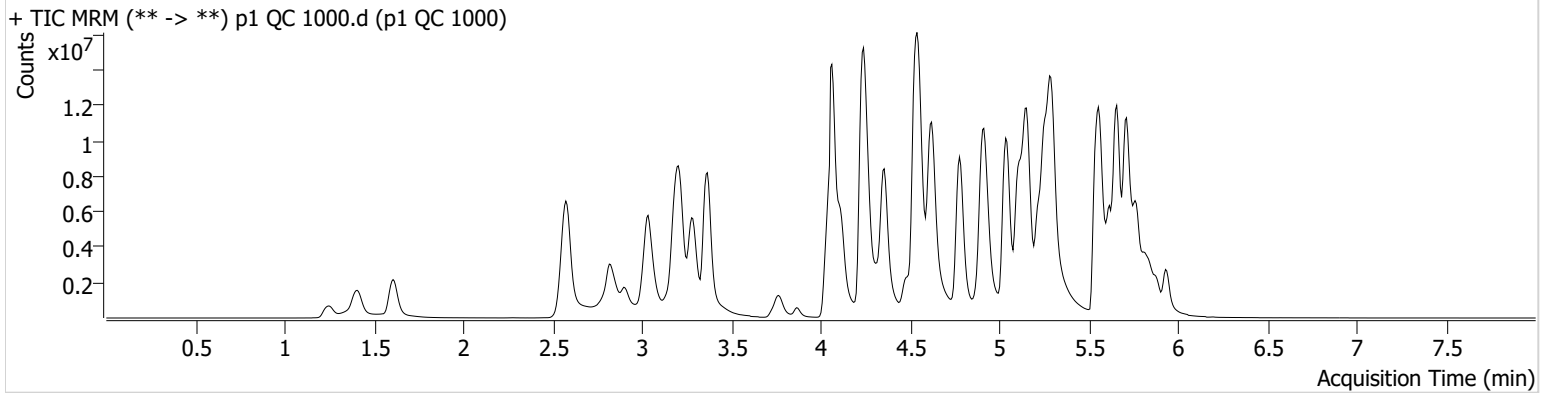


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
 Calibration Last Update 12/12/2022 11:32:35 AM

Instrument Falco (069901) Data File p1 QC 1000.d
 Type QC Sample p1 QC 1000
 Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
 Sample Position P2-E11 Comment
 Injection Volume 2
 Acq. Date-Time 12/10/2022 1:20:26 AM
 Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	327353	121740.48	69.8	2954.15	88364	103.7203 ng/ml
7-aminoclonazepam	4.244	605745	78.22	77.2	2268.03	50747	583.6923 ng/ml*
a-hydroxyalprazolam	5.674	429921	376.02	63.9	76.88	146215	967.6033 ng/ml
alpha-PHP	4.928	3161108	6286.73	258.0	106959.52	532946	884.4420 ng/ml
alpha-PVP	4.357	15377030	148228.05	51.6	5074.32	532946	1023.5052 ng/ml
Alprazolam	5.758	4411660	474.70	118.1	282.62	180827	1011.9368 ng/ml
Amphetamine	3.037	11750662	361226.92	45.5	91508.61	474128	417.5824 ng/ml*
Benzoylcegonine	3.864	548837	3027.06	8.6	1413.55	17784	1066.1608 ng/ml
Buprenorphine	5.830	372123	1449.75	15.9	56175.37	116609	109.2958 ng/ml
Bupropion	4.778	16395606	2455.19	64.4	849.52	605630	888.8037 ng/ml
Carisoprodol	5.720	1489062	96.21	63.8	111.74	46445	1132.7260 ng/ml
Chlordiazepoxide	5.841	1522071	10948.04	185.9 High	9519.63	286657	731.3429 ng/ml*
Chlorpheniramine	5.120	25199736	167283.80	0.3	367.48	1151537	951.4309 ng/ml
Citalopram	5.218	7723681	108493.85	38.6	95958.29	279045	1031.7642 ng/ml
Clonazepam	5.593	2959240	65303.96	33.2	5472.31	51892	853.4309 ng/ml
Clonazepam	5.530	1413713	119533.06	39.5	153.18	51892	496.6046 ng/ml*
Cocaine	4.257	7777132	594.78	52.4	397.60	653595	1026.0210 ng/ml
Codeine	2.573	694164	1076.73	100.1	236.81	52315	804.1465 ng/ml*
Cyclobenzaprine	5.624	9420718	191858.61	6.0	452.97	307159	1079.4410 ng/ml
Dextromethorphan	5.268	4000608	3479.91	77.6	339.16	172439	1029.5408 ng/ml
Dextrorphan	4.111	4307008	143688.62	220.5	10223.65	403456	1070.2838 ng/ml
Diazepam	5.937	3240245	564.15	89.0	8658.80	156475	940.4977 ng/ml
Dihydrocodeine	2.545	2761115	271.14	60.8	214.28	279218	672.9169 ng/ml*
Diphenhydramine	5.296	23906522	1345.13	34.9	2251.31	1083338	1007.3135 ng/ml
DMT	2.838	1588037	1339.72	142.2	43259.15	172439	1466.6056 ng/ml*
Doxylamine	4.538	32372031	1865.52	96.1	4519.64	1566095	915.7043 ng/ml
Duloxetine	5.643	255648	3577.21	15.8	691.87	13584	954.7702 ng/ml
EDDP	5.254	16339718	46694.25	42.3	120961.59	706612	1072.2758 ng/ml
Etizolam	5.803	2509331	1482.38	26.1	149490.65	51892	1220.0050 ng/ml*
Fentanyl	5.087	1123305	47752.18	69.2	1368.22	699935	81.0158 ng/ml
Flualprazolam	5.688	1372979	2954.93	98.6	34425.52	180827	634.8627 ng/ml*
Fluorofentanyl	5.155	2610623	76440.75	45.7	13675.57	3714	123.3622 ng/ml*
Fluoxetine	5.710	3893680	269.33	7.3	106.69	105552	1116.2102 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	5152987	∞	35.1	∞	319423	882.4002 ng/ml
Hydromorphone	1.609	4990382	18015892.60	73.4	9833922.28	144855	1035.0877 ng/ml
Hydroxyzine	5.707	10249950	42844.23	76.7	1614.04	172439	1275.8833 ng/ml *
Ketamine	4.036	7596300	352920.53	35.3	16854.88	441583	761.1432 ng/ml*
Lamotrigine	4.281	440316	680.32	80.9	38137.78	739140	766.8610 ng/ml *
Lorazepam	5.729	821862	636.13	51.4	29737.80	54221	1058.7174 ng/ml
MDA	3.178	6828301	94839.76	31.8	1274.24	353121	666.9960 ng/ml *
MDMA	3.284	7966215	252316.00	107.6	173832.65	91898	971.7462 ng/ml
Meprobamate	4.881	2122768	209.51	22.3	369.44	262450	425.7015 ng/ml *
Methadone	5.655	20127411	2251.13	48.3	2089.84	752086	968.4849 ng/ml
Methamphetamine	3.205	18938222	158872.40	34.3	57795.43	1369898	602.8753 ng/ml *
Metoprolol	4.320	2093399	143807.07	104.5	171593.74	1226273	731.4335 ng/ml *
Mirtazapine	4.625	21464457	420026.83	48.3	33055.32	532946	1000.3760 ng/ml
Mitragynine	5.229	3240476	114269.17	39.0	248246.72	752086	845.0092 ng/ml
Morphine	1.247	783506	∞	54.3	∞	15193	965.7826 ng/ml
Norbuprenorphine	4.990	63631	150.91	97.5	347.76	29146	96.9158 ng/ml
Nordiazepam	5.877	2489797	∞	59.9	42667.94	79743	984.1123 ng/ml
Norfentanyl	4.078	1508934	119940.02	38.3	4579.99	287745	174.1487 ng/ml *
Norhydrocodone	3.060	942849	539.77	40.8	156.28	47024	1159.2982 ng/ml
Noroxycodone	2.904	3070910	570.88	43.6	459.00	90042	1120.9305 ng/ml
O-desmethyl-tramadol	3.365	23542833	268910.51	6.0	45165.59	1234592	979.6231 ng/ml
o-desmethylvenlafaxine	4.063	27315751	331632.60	18.6	53777.82	196251	1081.5145 ng/ml
Olanzapine	4.482	5499493	109911.96	57.5 High	39049.22	155763	792.7517 ng/ml *
Oxazepam	5.739	1170866	55.11	77.7	49.24	54221	929.9949 ng/ml
Oxycodone	2.815	8966962	14902.41	26.3	2622.15	453806	796.9595 ng/ml *
Oxymorphone	1.405	4995662	∞	45.0	∞	187866	888.8953 ng/ml
Phentermine	3.767	4364247	∞	6.5	490.15	836175	609.9225 ng/ml *
Promethazine	5.541	17275799	253215.08	31.5	95591.43	669877	1050.3273 ng/ml
Pseudoephedrine	2.576	18927856	161075.83	17.2	116566.14	739140	1097.0418 ng/ml
Quetiapine	5.557	10635189	12587.83	61.0	207435.06	190439	907.0438 ng/ml
Sertraline	5.772	1444564	538115.86	112.4	940228.17	66060	964.9584 ng/ml
Temazepam	5.807	2961317	34398.91	27.9	3351.53	146215	944.5512 ng/ml
Tramadol	4.232	17814753	572.78	3.7	∞	1226273	761.4764 ng/ml *
Trazodone	5.148	13372351	504395.88	75.6	192188.00	611226	856.4267 ng/ml
Venlafaxine	5.042	21653619	10668.18	36.9	669852.04	1008863	982.8448 ng/ml
Zolpidem	4.905	20909114	342505.87	28.9	574019.44	1157552	723.9202 ng/ml *

*Outside curve range

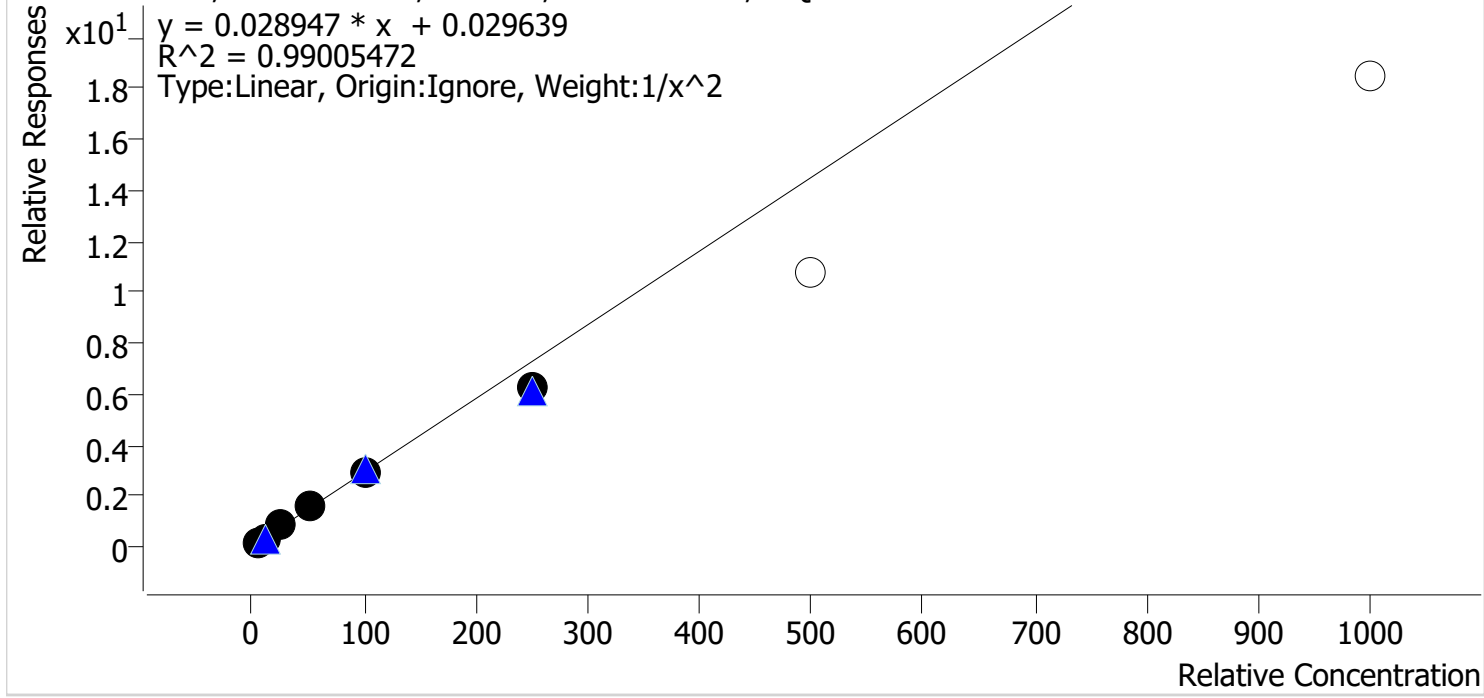
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Dastor
Analyte MDA **Internal Standard** MDA-D5

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

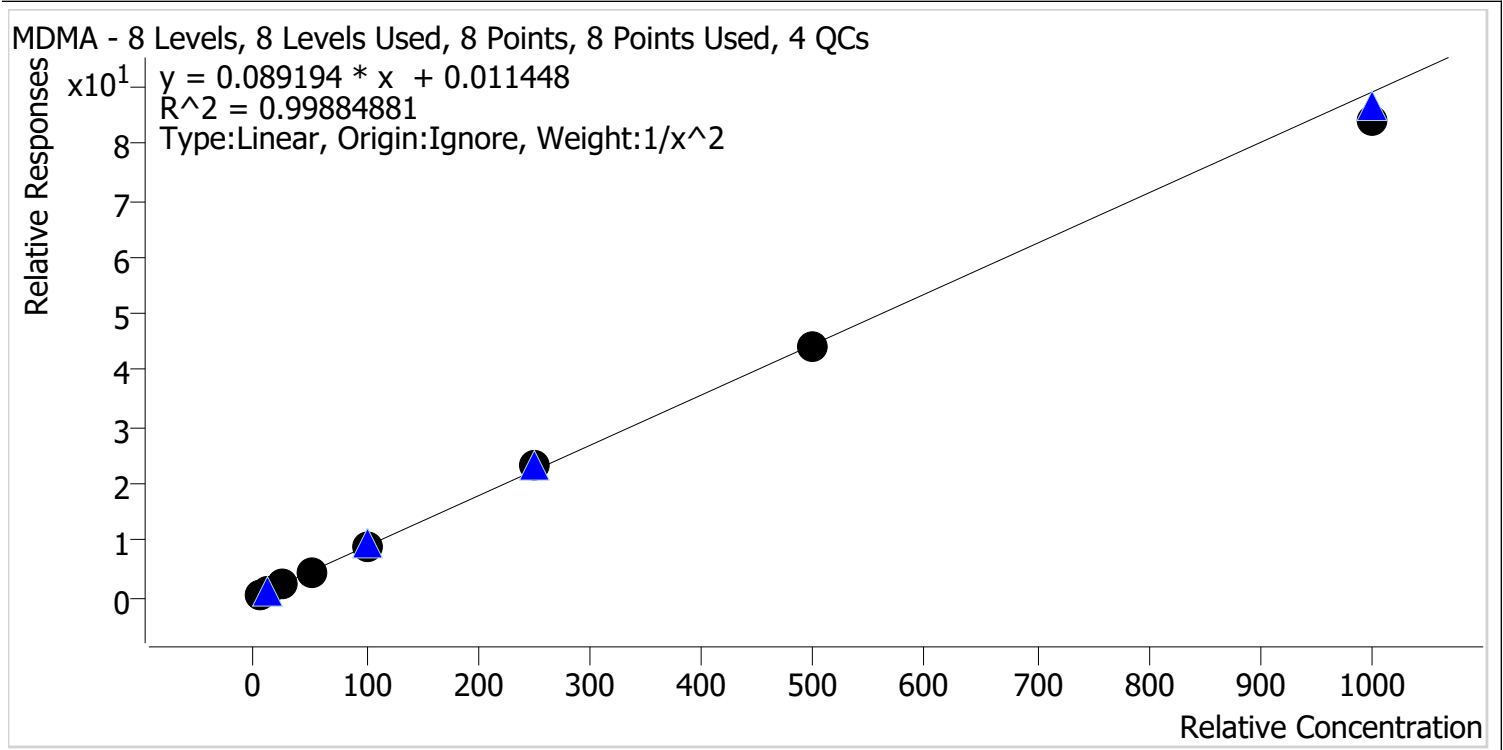


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.0
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	214.2	85.7
p1 Cal 7-500ng	7	x	500.0	371.6	74.3
p1 Cal 8-1000ng	8	x	1000.0	636.6	63.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

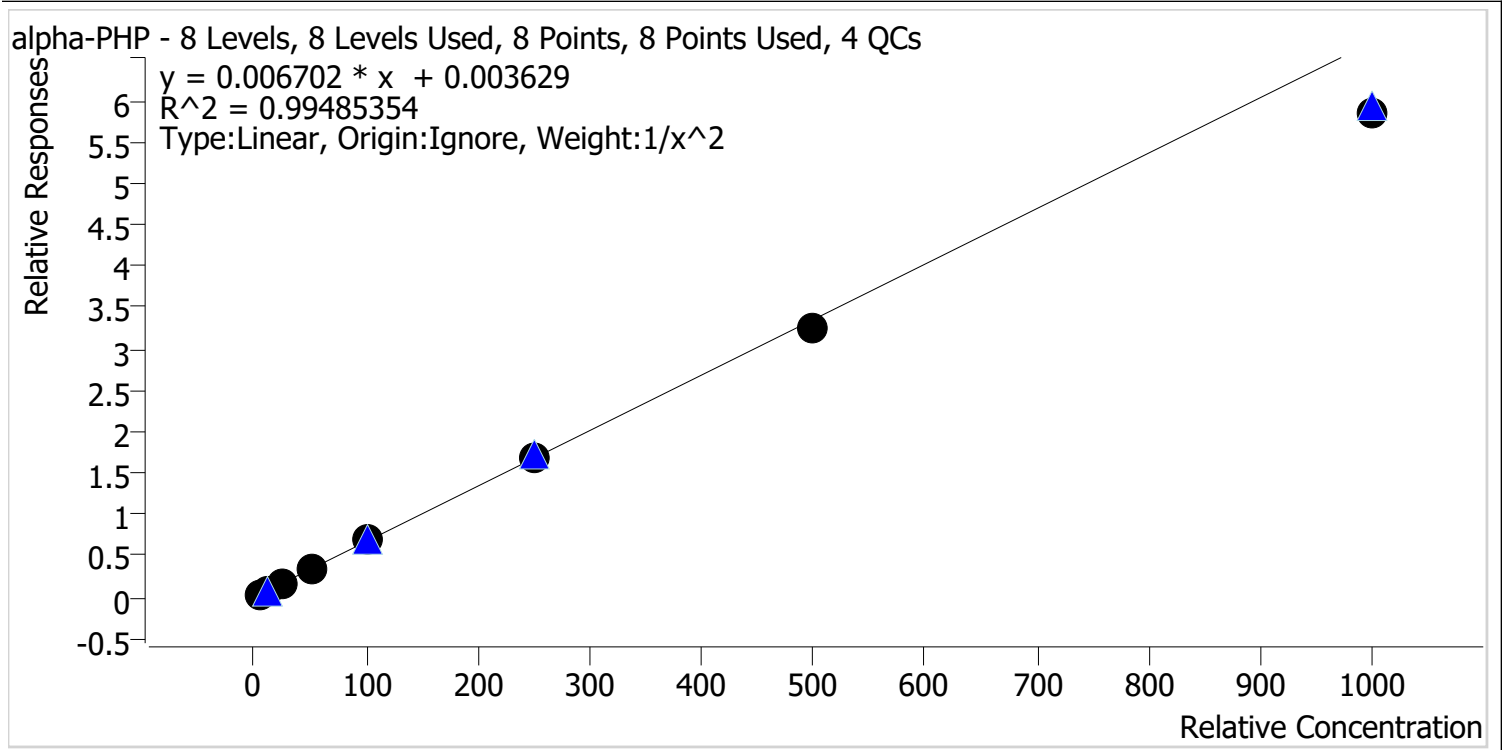


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	262.9	105.2
p1 Cal 7-500ng	7	✓	500.0	496.5	99.3
p1 Cal 8-1000ng	8	✓	1000.0	944.8	94.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

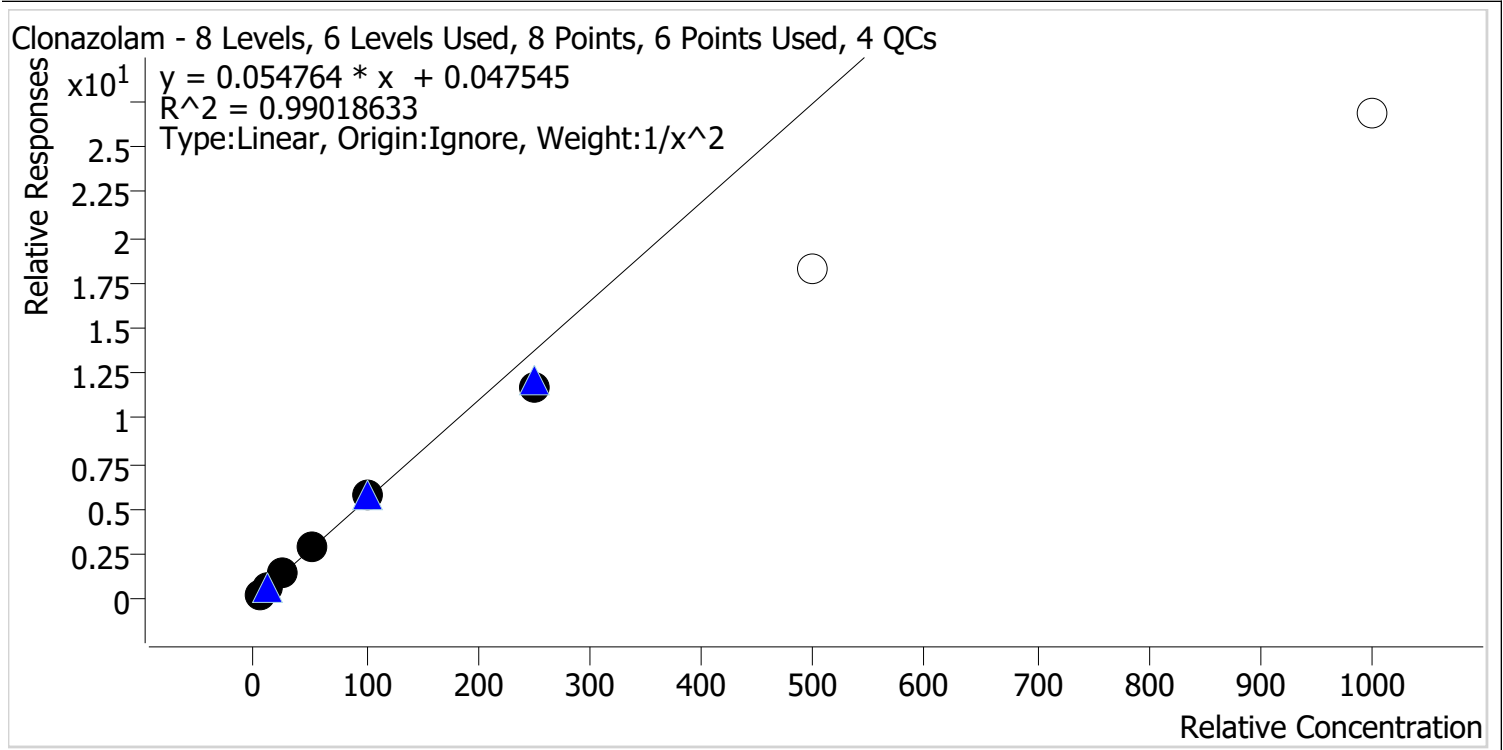


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	483.5	96.7
p1 Cal 8-1000ng	8	✓	1000.0	871.8	87.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



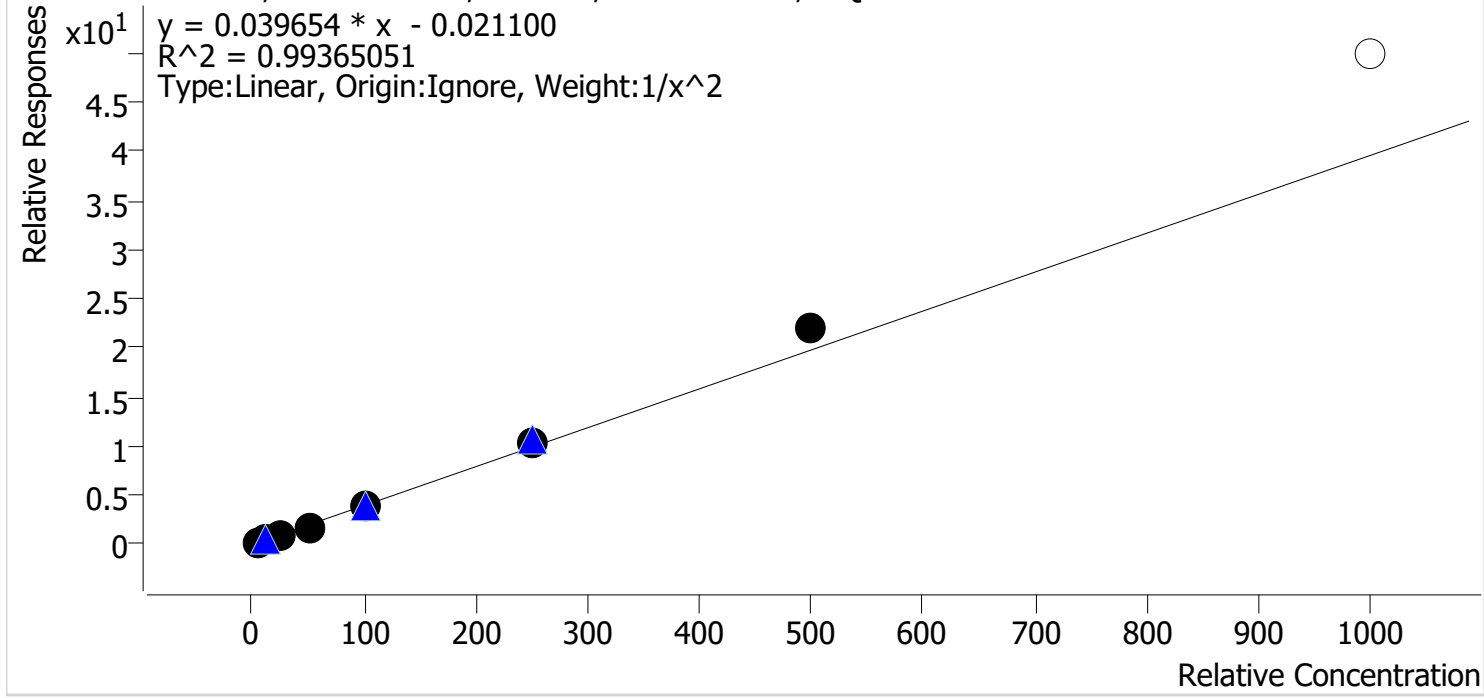
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	212.0	84.8
p1 Cal 7-500ng	7	x	500.0	332.5	66.5
p1 Cal 8-1000ng	8	x	1000.0	488.9	48.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



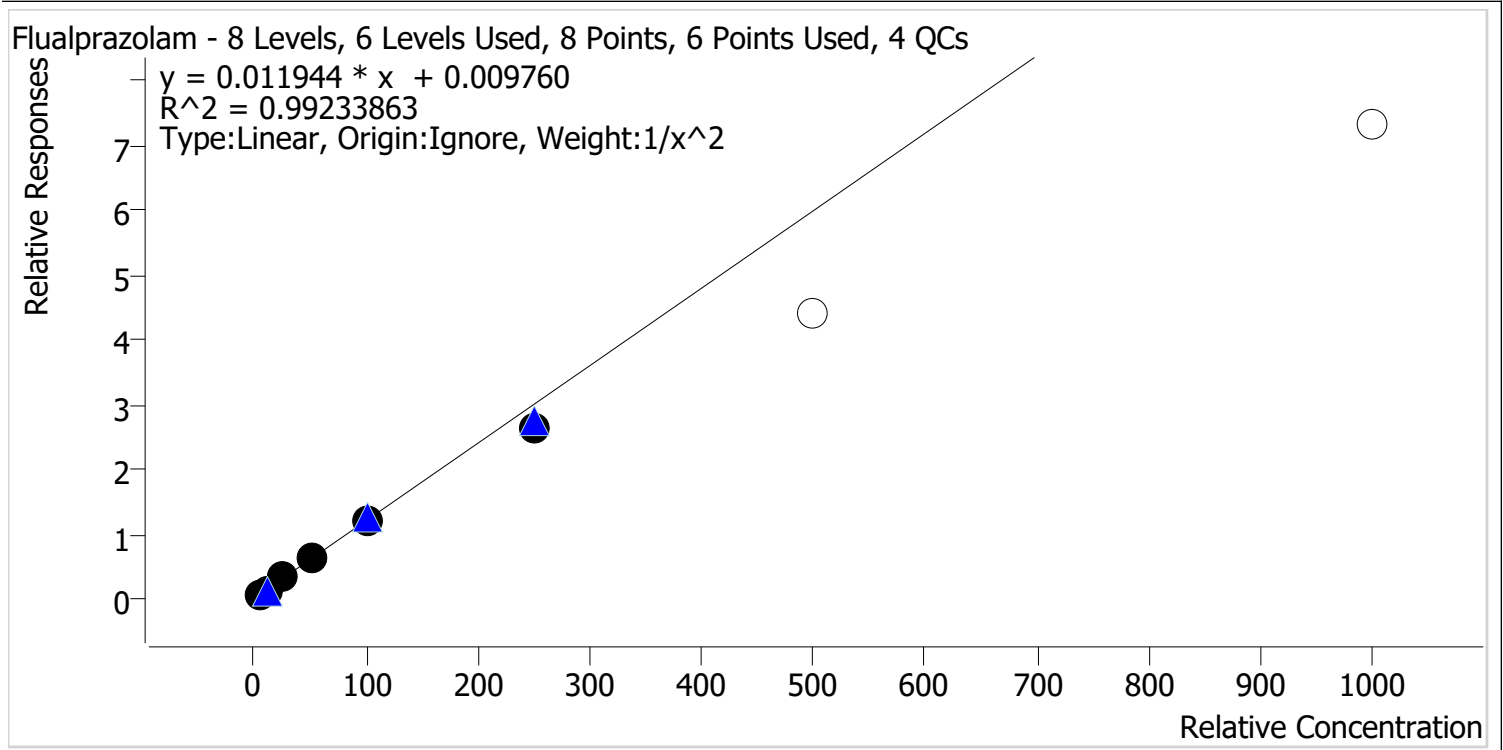
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	46.3	92.7
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	557.2	111.4
p1 Cal 8-1000ng	8	x	1000.0	1260.2	126.0

*Outside curve range



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datator
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



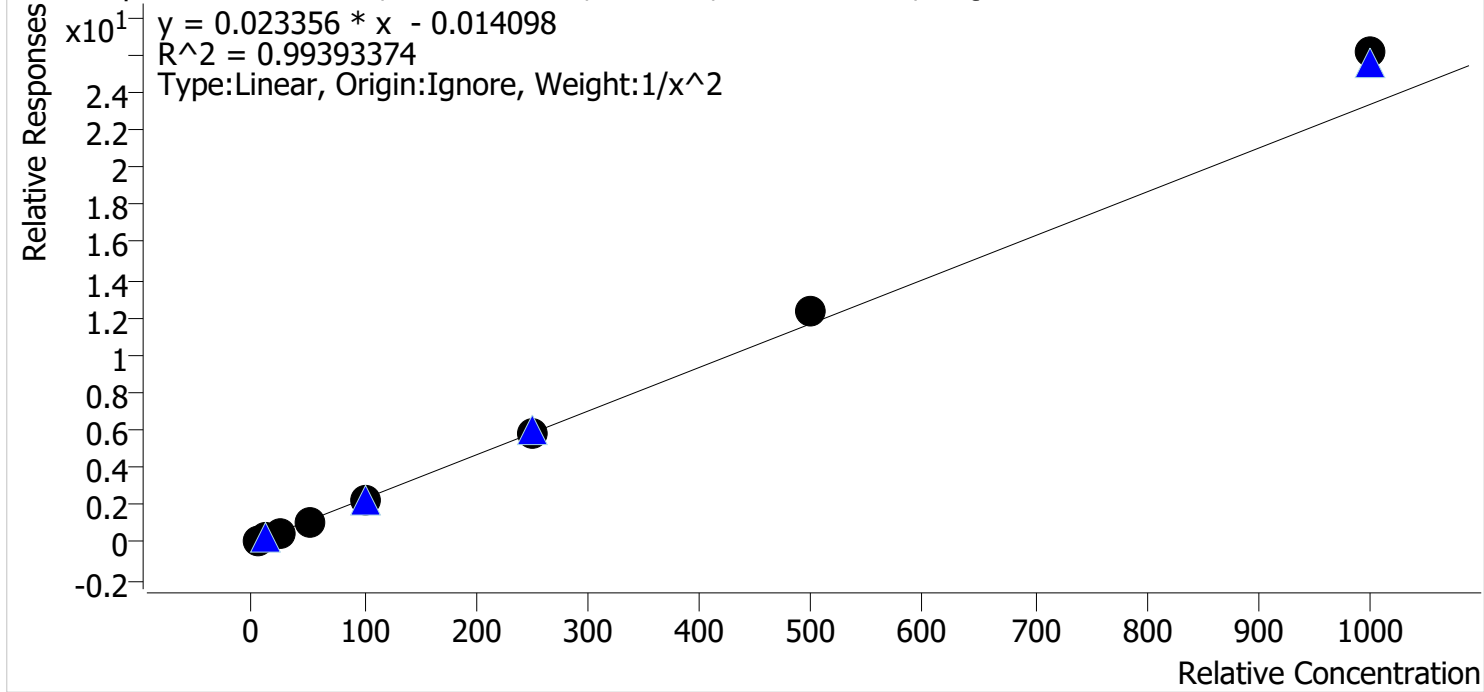
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	218.8	87.5
p1 Cal 7-500ng	7	x	500.0	370.0	74.0
p1 Cal 8-1000ng	8	x	1000.0	611.8	61.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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

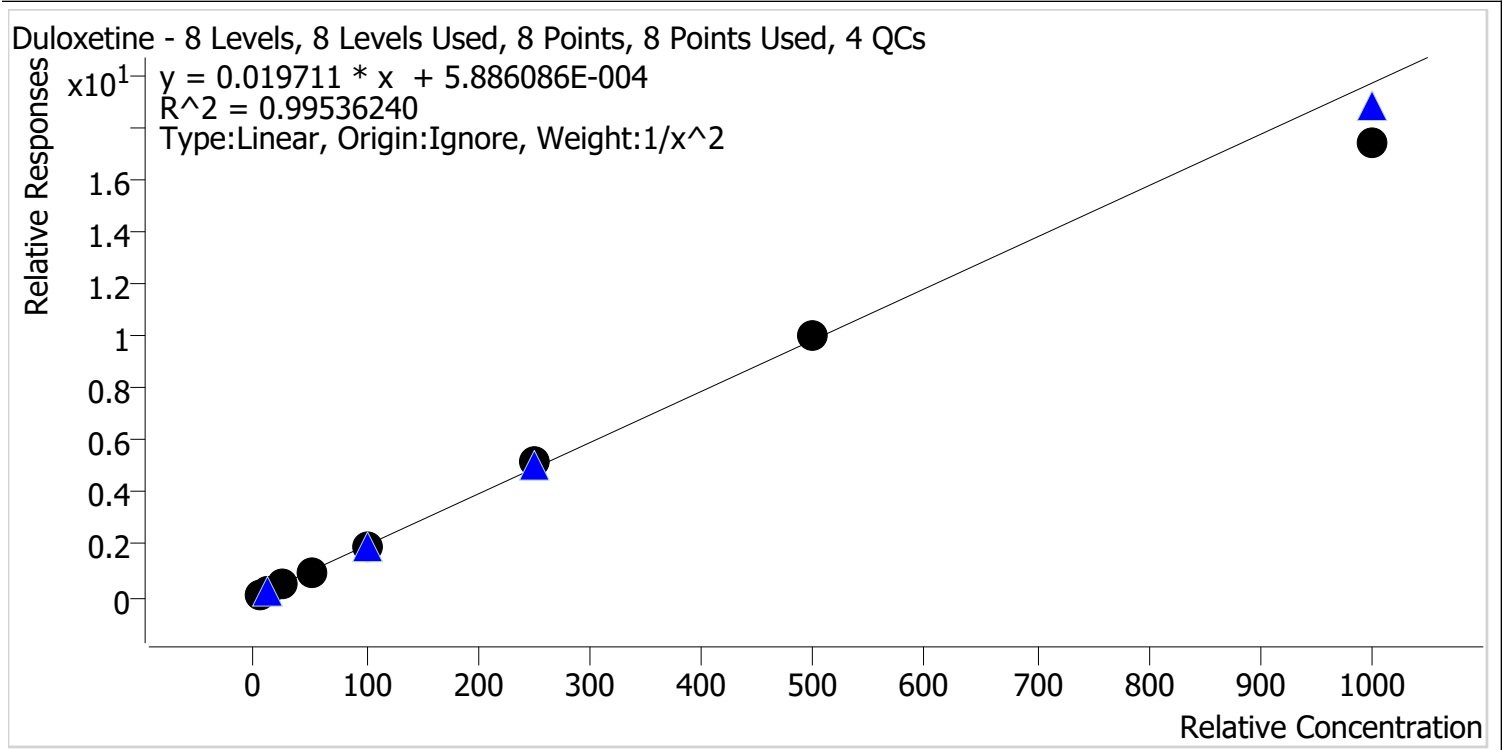


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	526.3	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1118.9	111.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



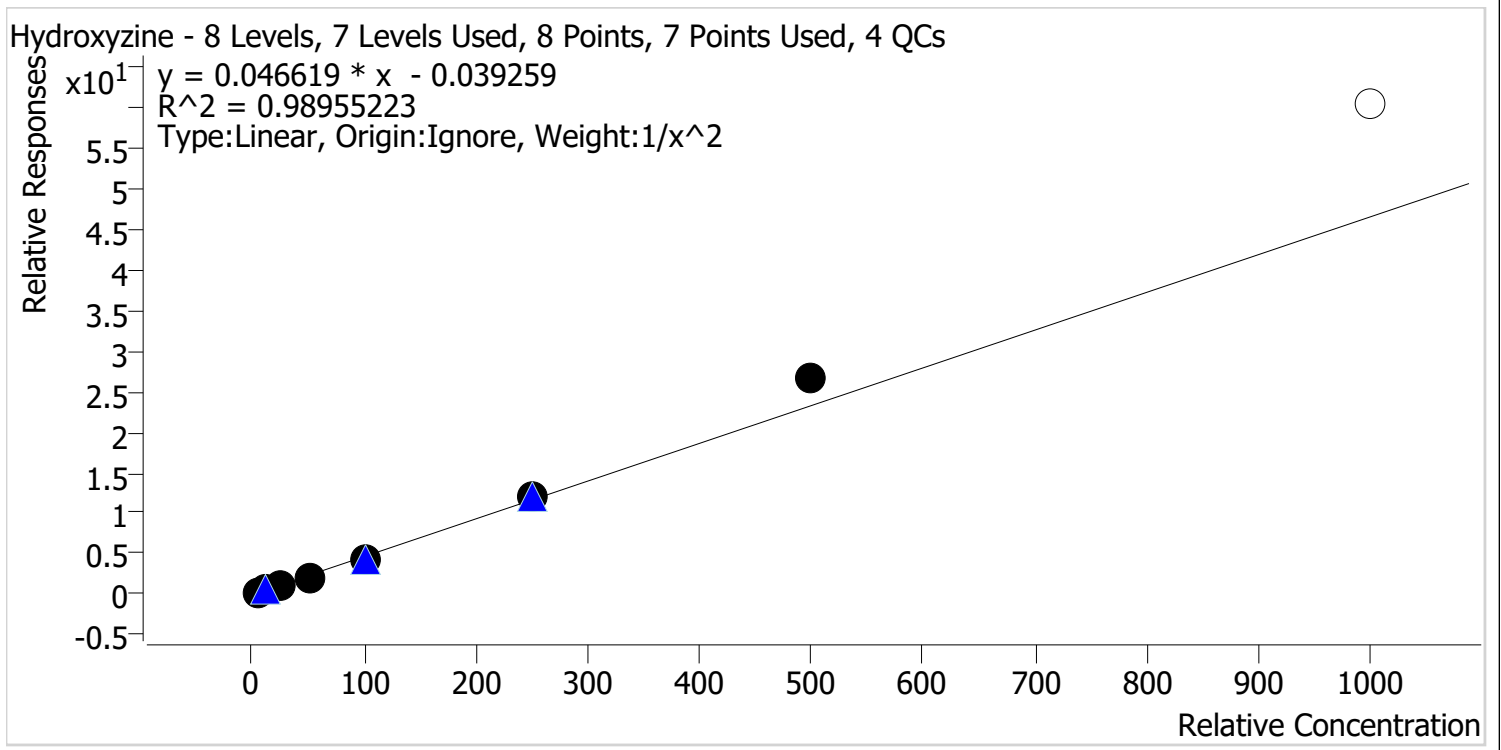
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.7	107.1
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	881.3	88.1



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

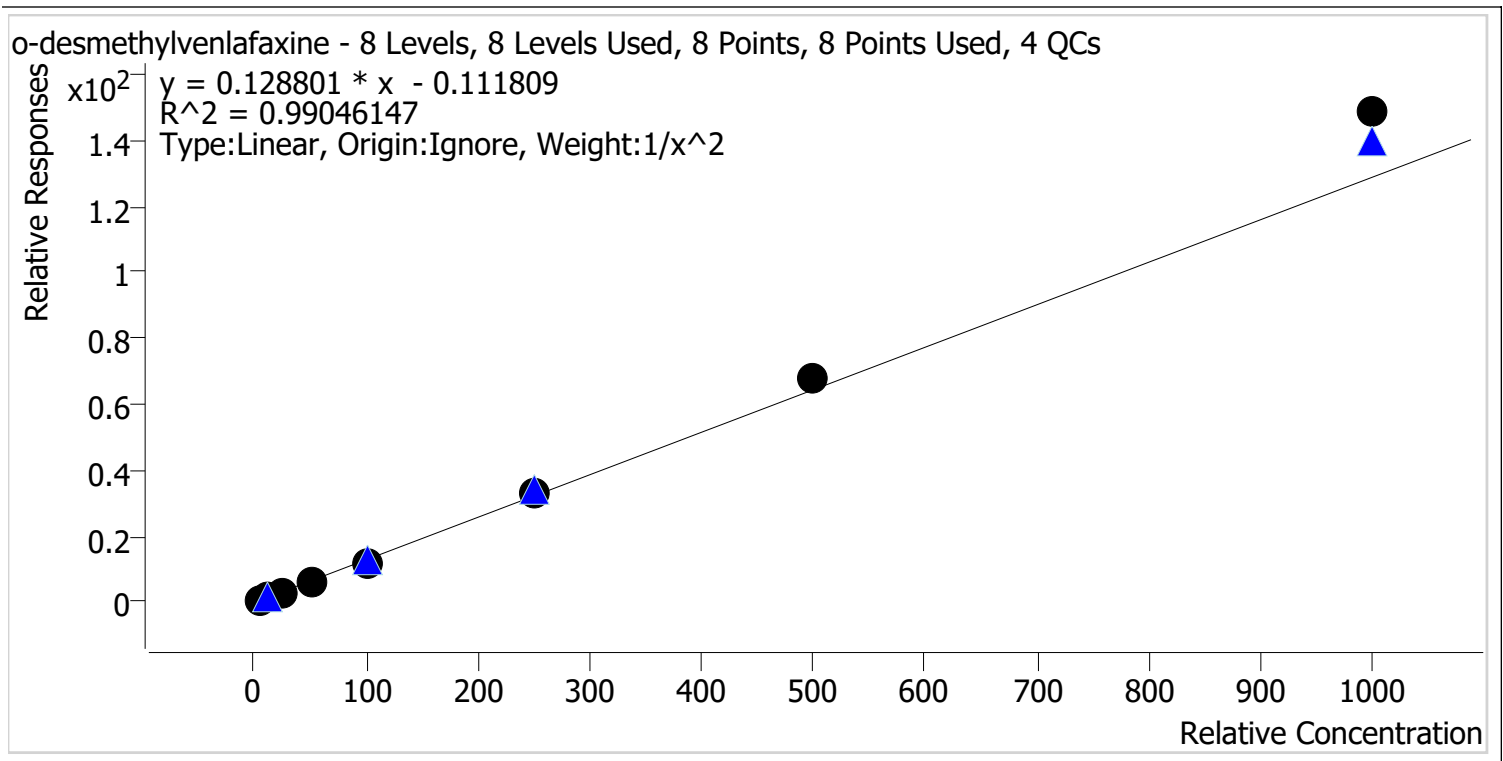


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.5
p1 Cal 4-50ng	4	✓	50.0	45.5	91.1
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	263.3	105.3
p1 Cal 7-500ng	7	✓	500.0	576.4	115.3
p1 Cal 8-1000ng	8	x	1000.0	1298.5	129.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

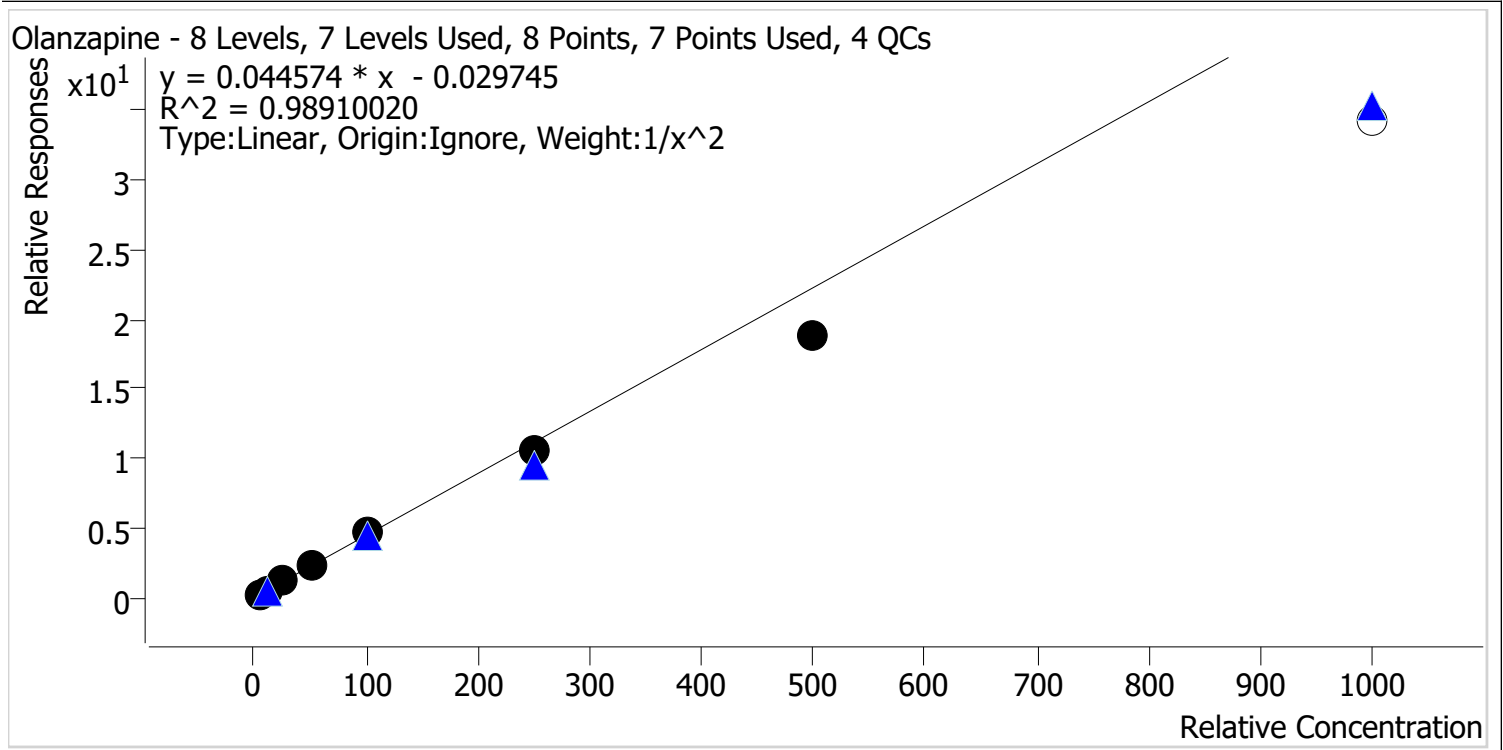


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.5
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	93.6	93.6
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	531.5	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1153.8	115.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

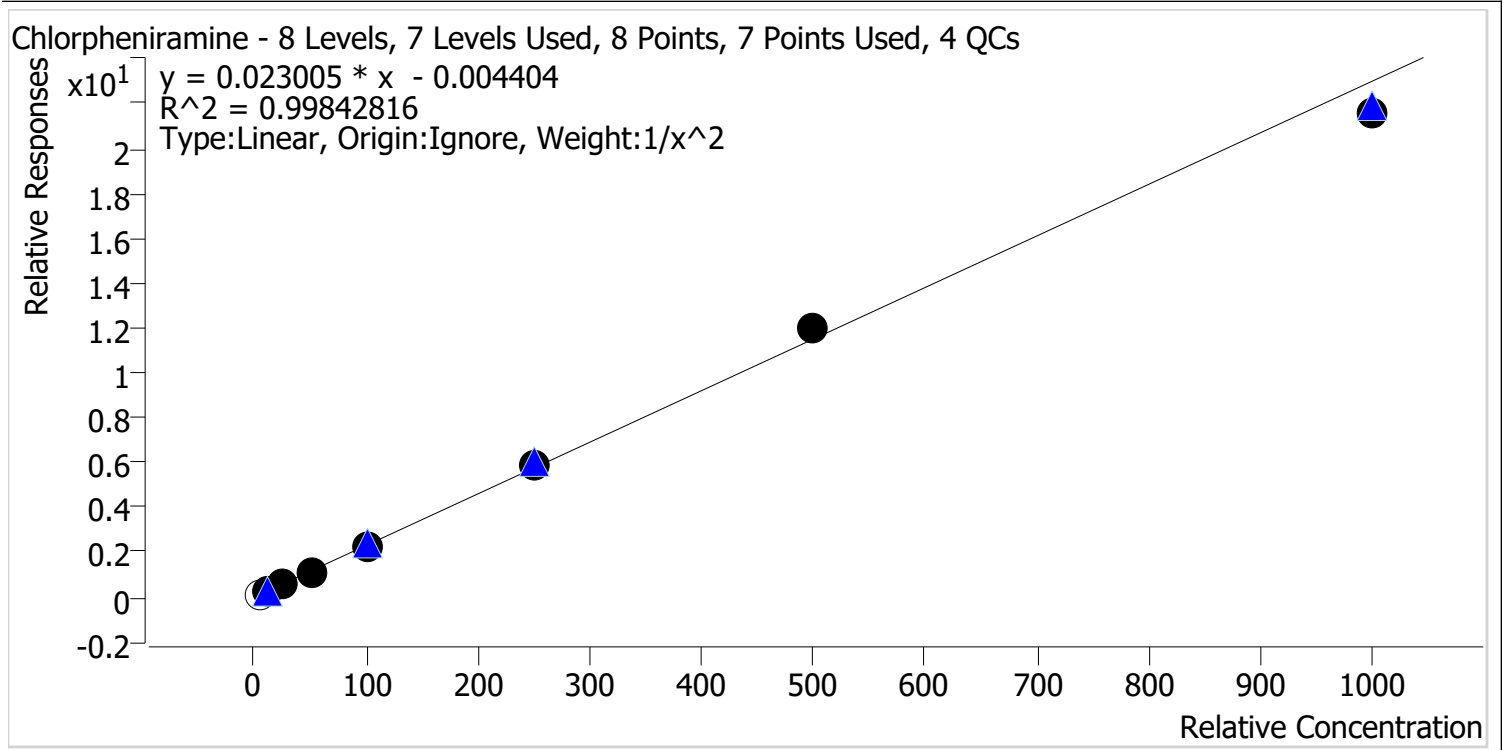


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.7	107.3
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	235.4	94.2
p1 Cal 7-500ng	7	✓	500.0	424.3	84.9
p1 Cal 8-1000ng	8	x	1000.0	770.5	77.0



AM #28 Multi-Drug Quant. Calibration Curve Report

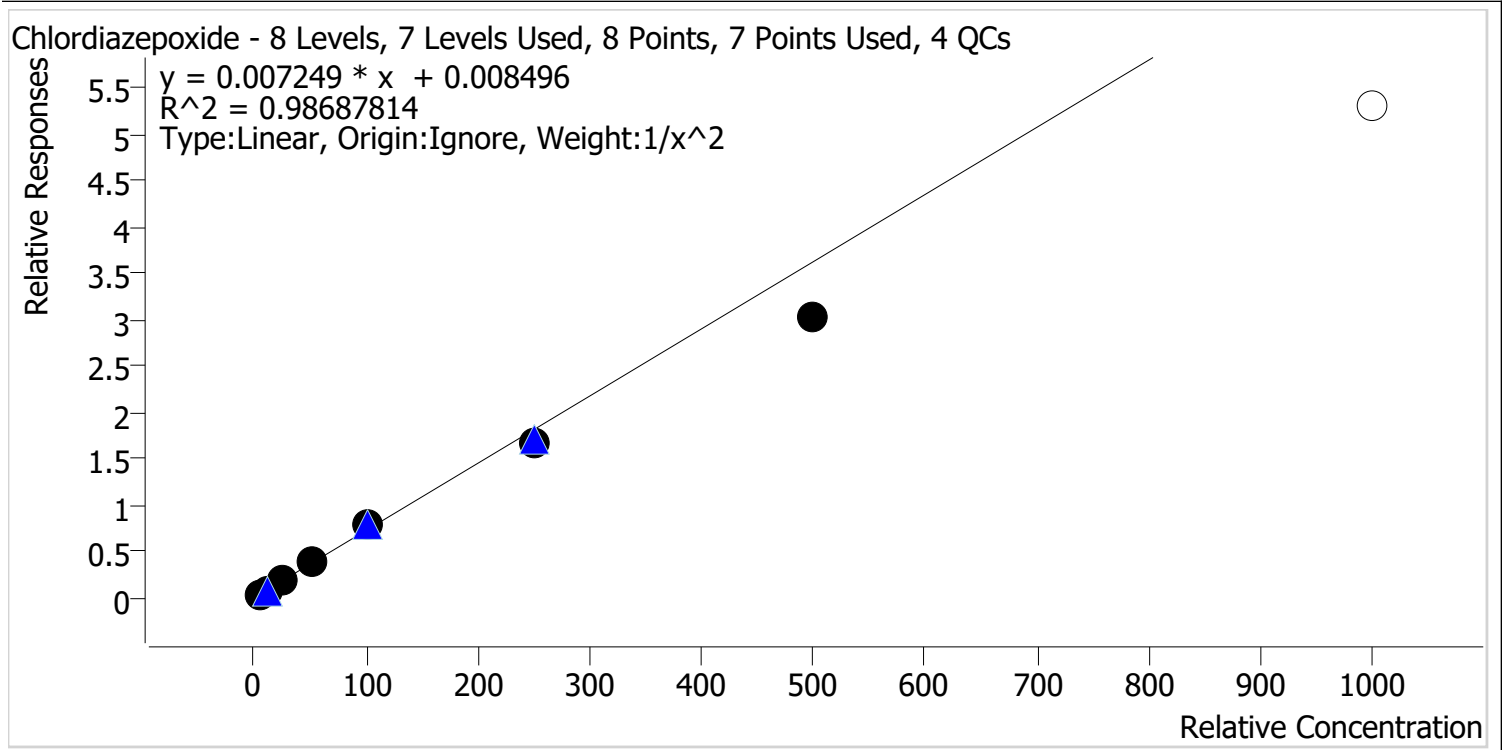
Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	256.4	102.5
p1 Cal 7-500ng	7	✓	500.0	523.7	104.7
p1 Cal 8-1000ng	8	✓	1000.0	939.2	93.9

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5

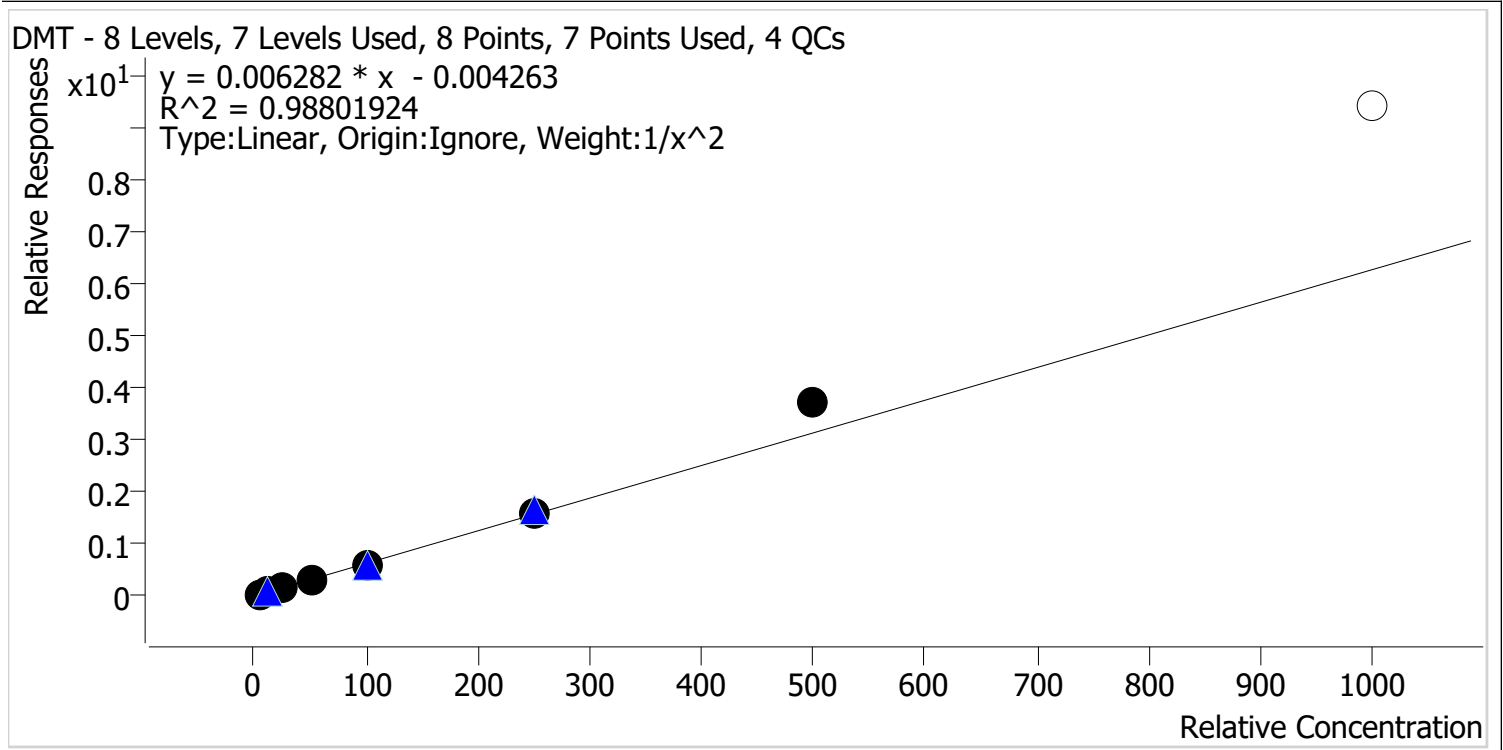


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.7	106.6
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	232.0	92.8
p1 Cal 7-500ng	7	✓	500.0	418.2	83.6
p1 Cal 8-1000ng	8	x	1000.0	731.3	73.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

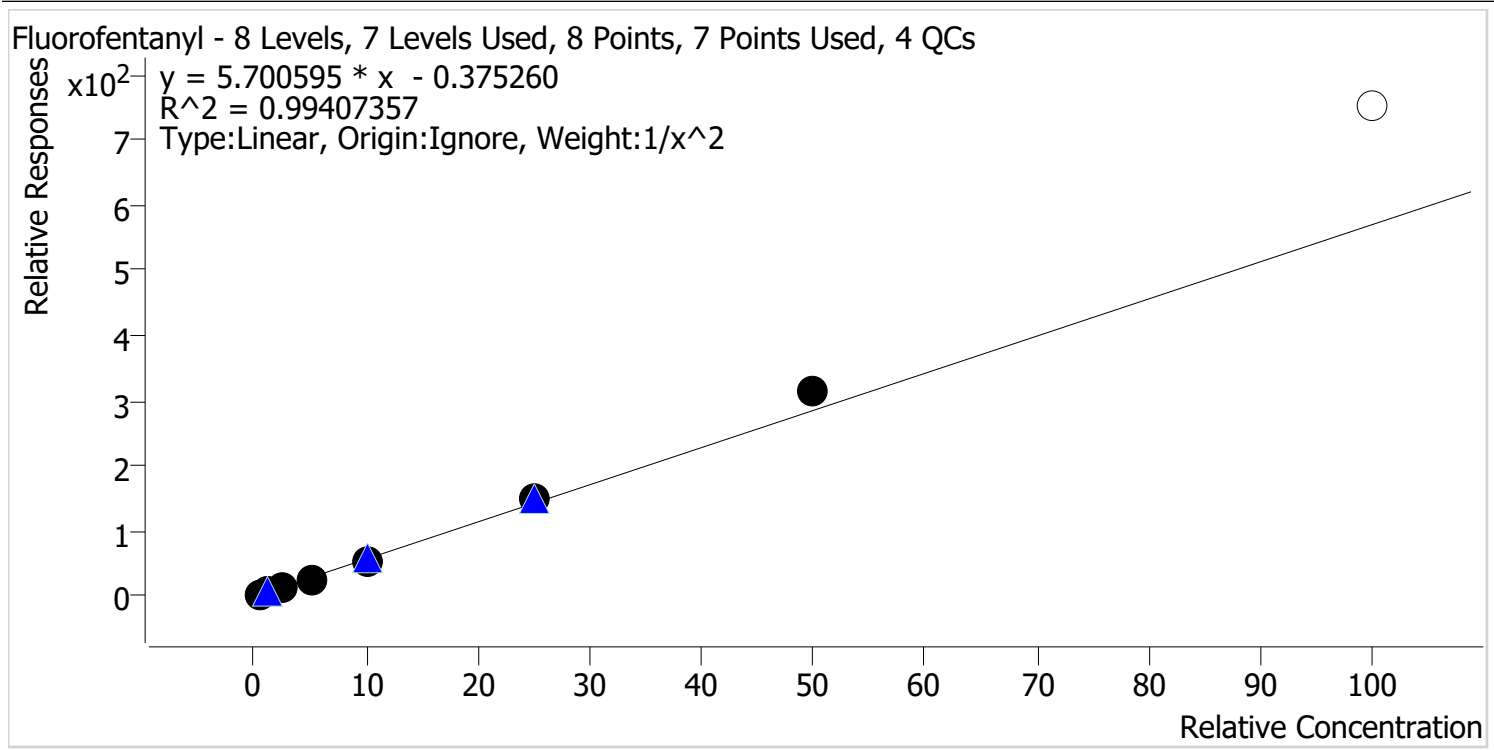


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.3
p1 Cal 4-50ng	4	✓	50.0	45.6	91.3
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	590.5	118.1
p1 Cal 8-1000ng	8	✗	1000.0	1500.7	150.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

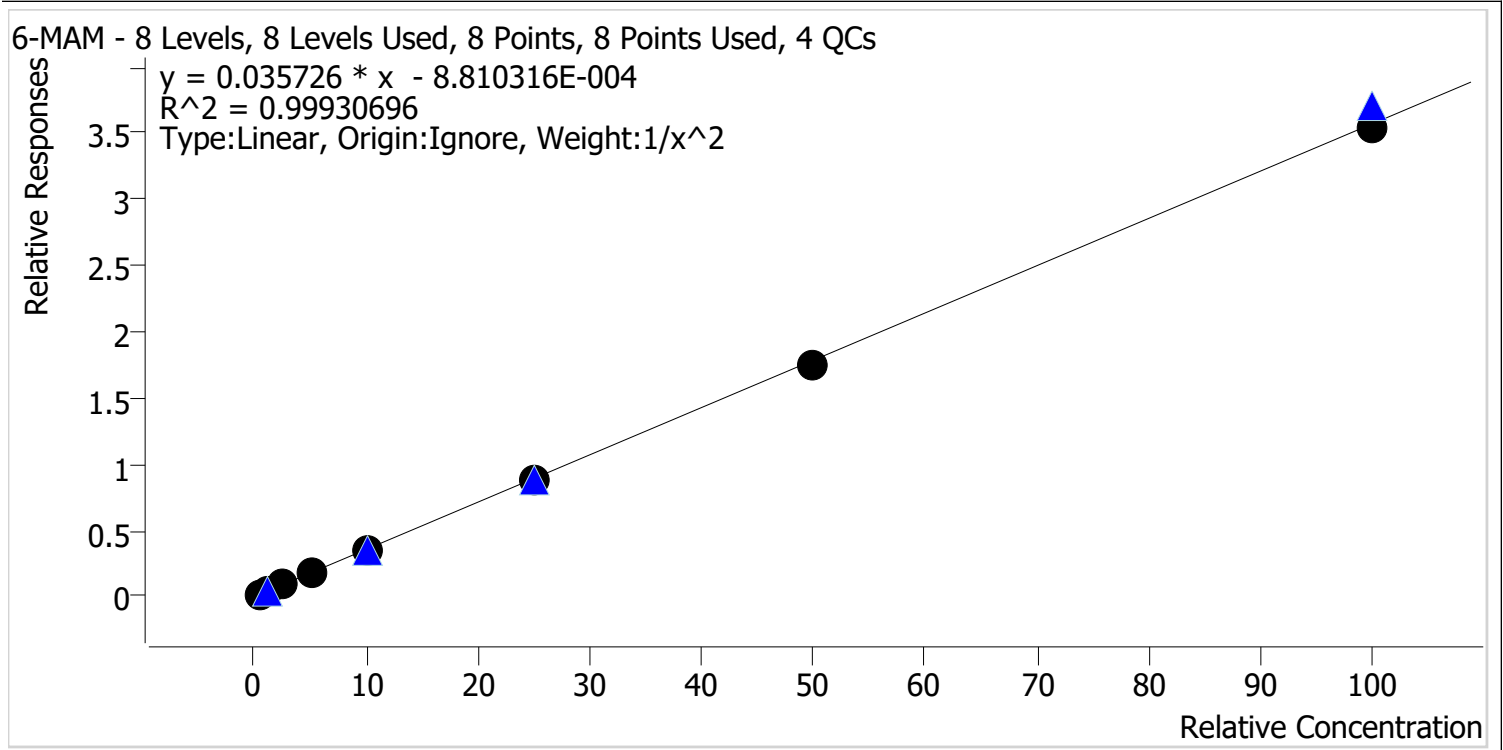


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.0
p1 Cal 2-10ng	2	✓	1.0	1.0	104.6
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.3
p1 Cal 4-50ng	4	✓	5.0	4.7	94.6
p1 Cal 5-100ng	5	✓	10.0	9.6	95.7
p1 Cal 6-250ng	6	✓	25.0	26.1	104.2
p1 Cal 7-500ng	7	✓	50.0	54.8	109.6
p1 Cal 8-1000ng	8	x	100.0	131.9	131.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

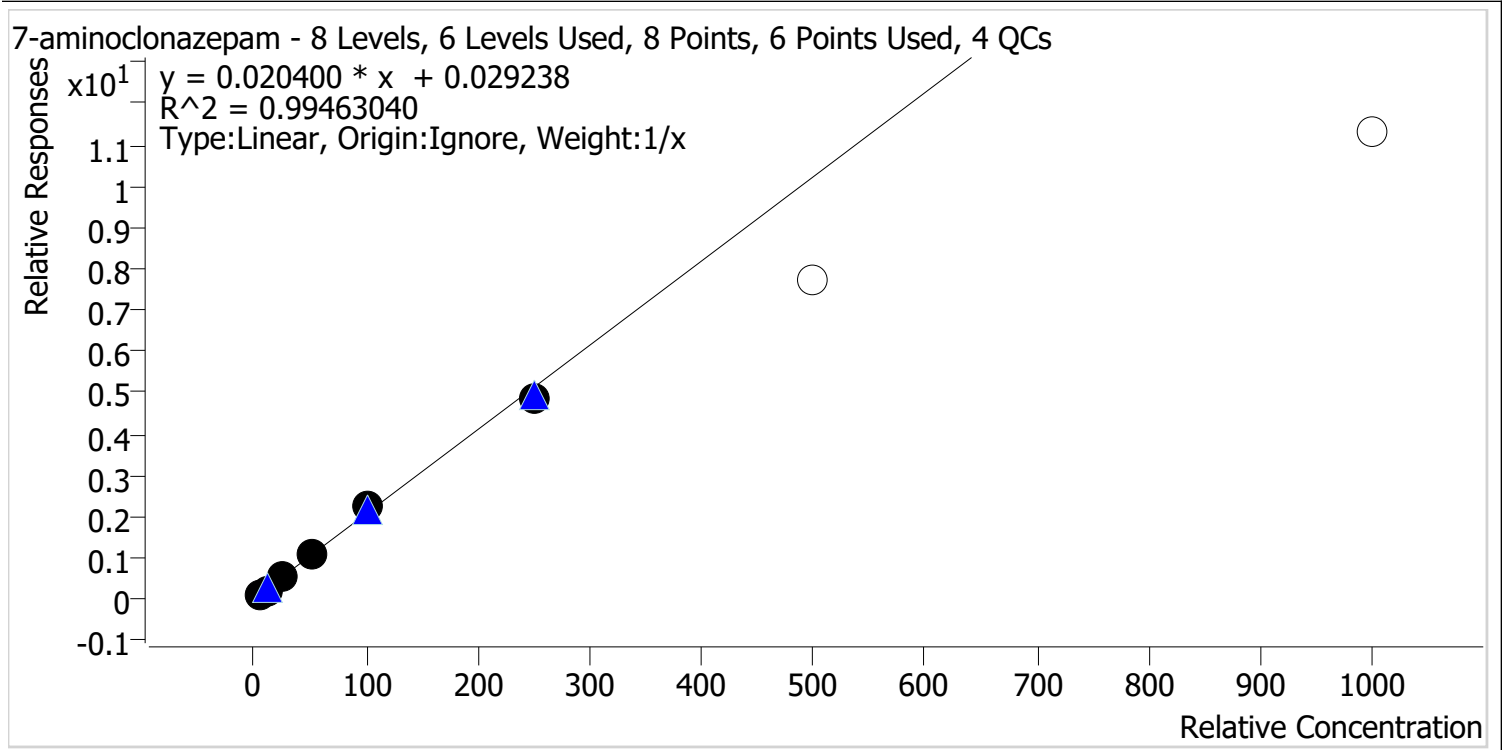


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.6
p1 Cal 2-10ng	2	✓	1.0	1.0	104.5
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.9
p1 Cal 4-50ng	4	✓	5.0	4.9	98.1
p1 Cal 5-100ng	5	✓	10.0	10.1	100.6
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	49.2	98.5
p1 Cal 8-1000ng	8	✓	100.0	99.2	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



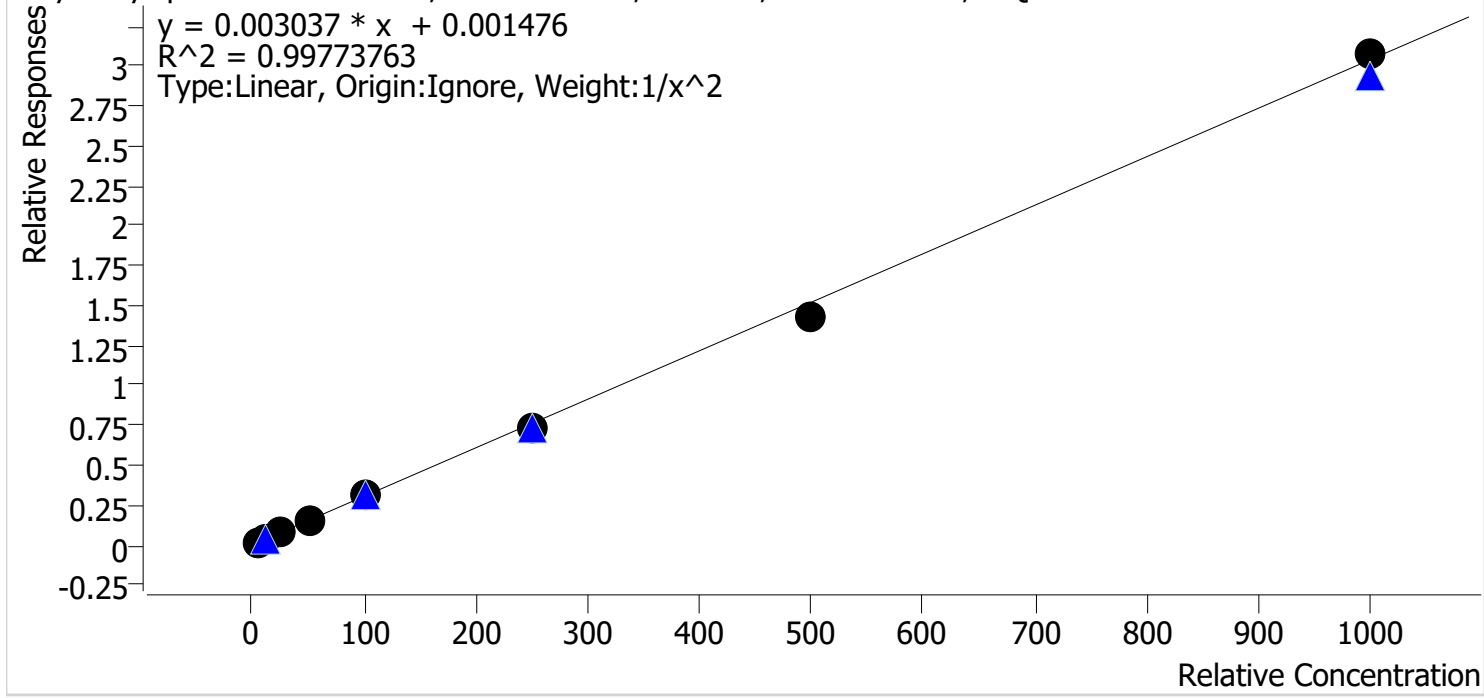
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.2	84.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	108.3	108.3
p1 Cal 6-250ng	6	✓	250.0	237.2	94.9
p1 Cal 7-500ng	7	✗	500.0	378.4	75.7
p1 Cal 8-1000ng	8	✗	1000.0	555.7	55.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-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	104.8
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	468.8	93.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.3	101.1

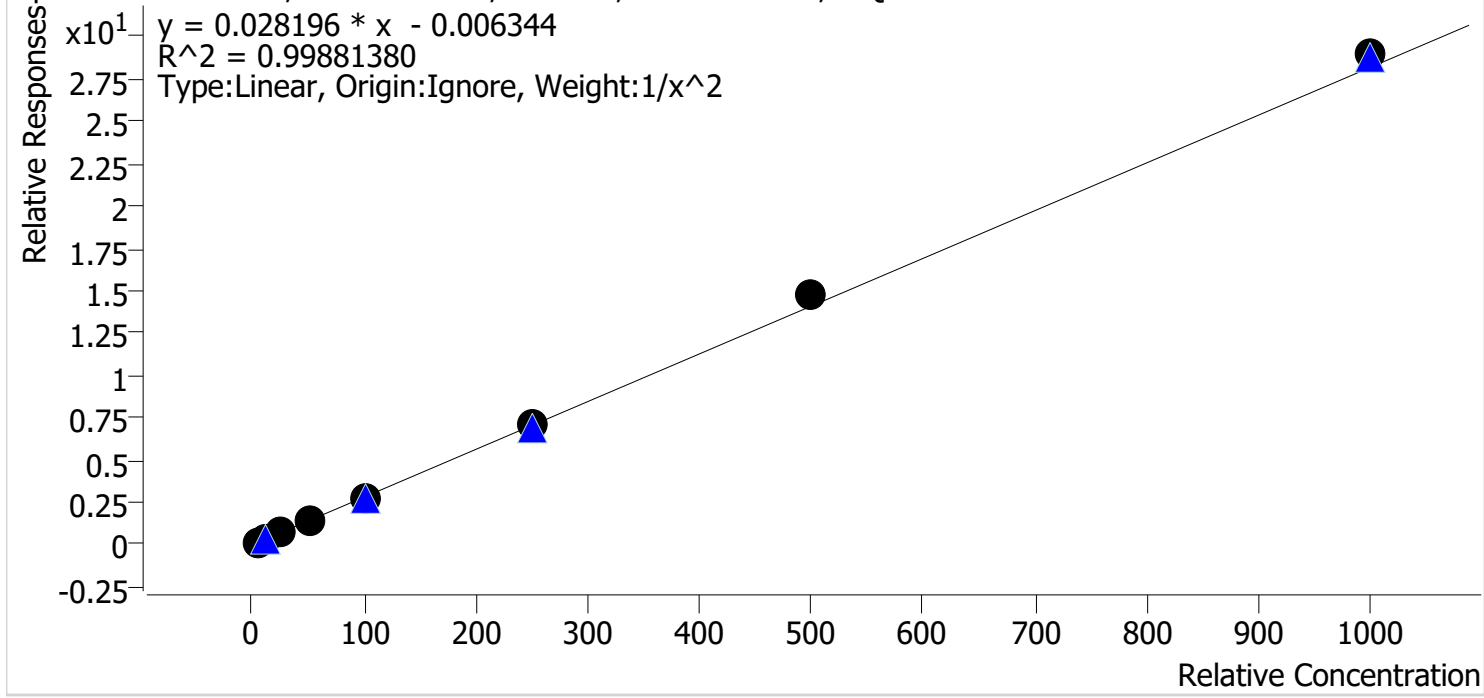
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	523.4	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1027.6	102.8

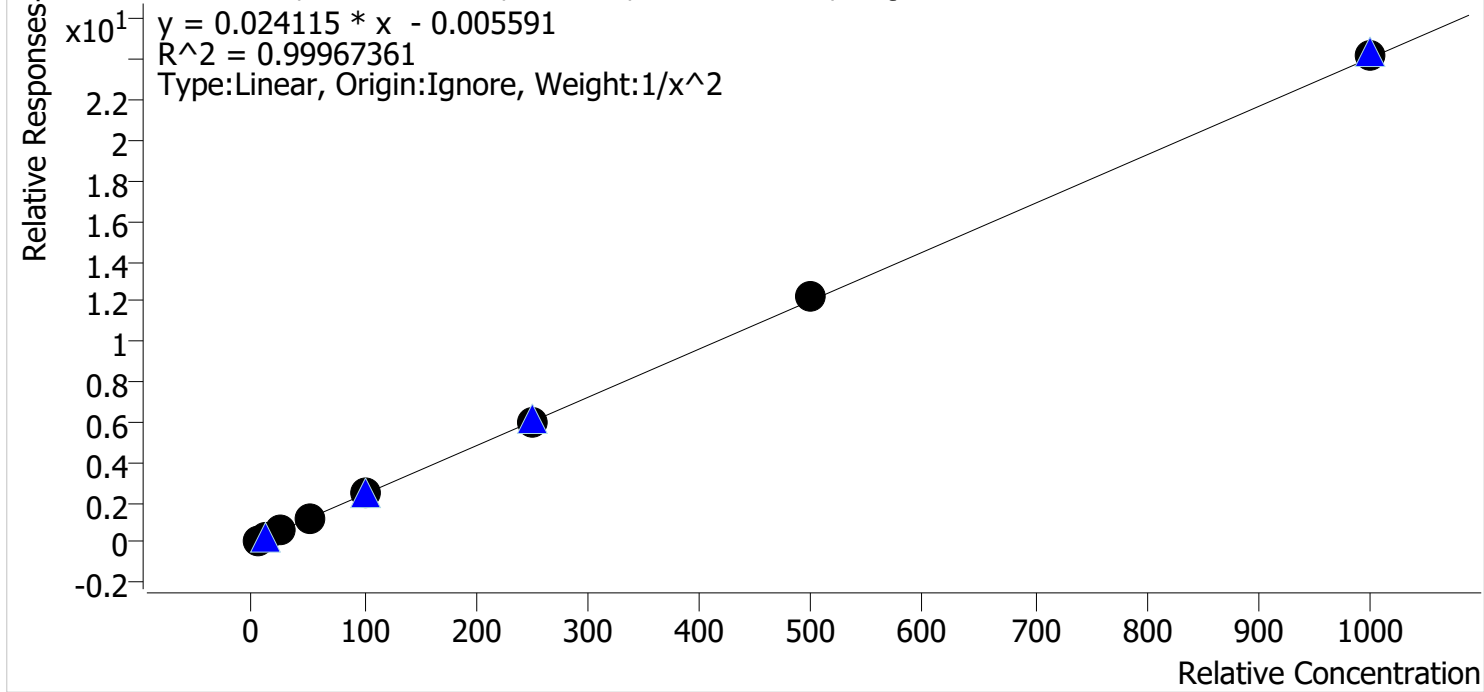
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



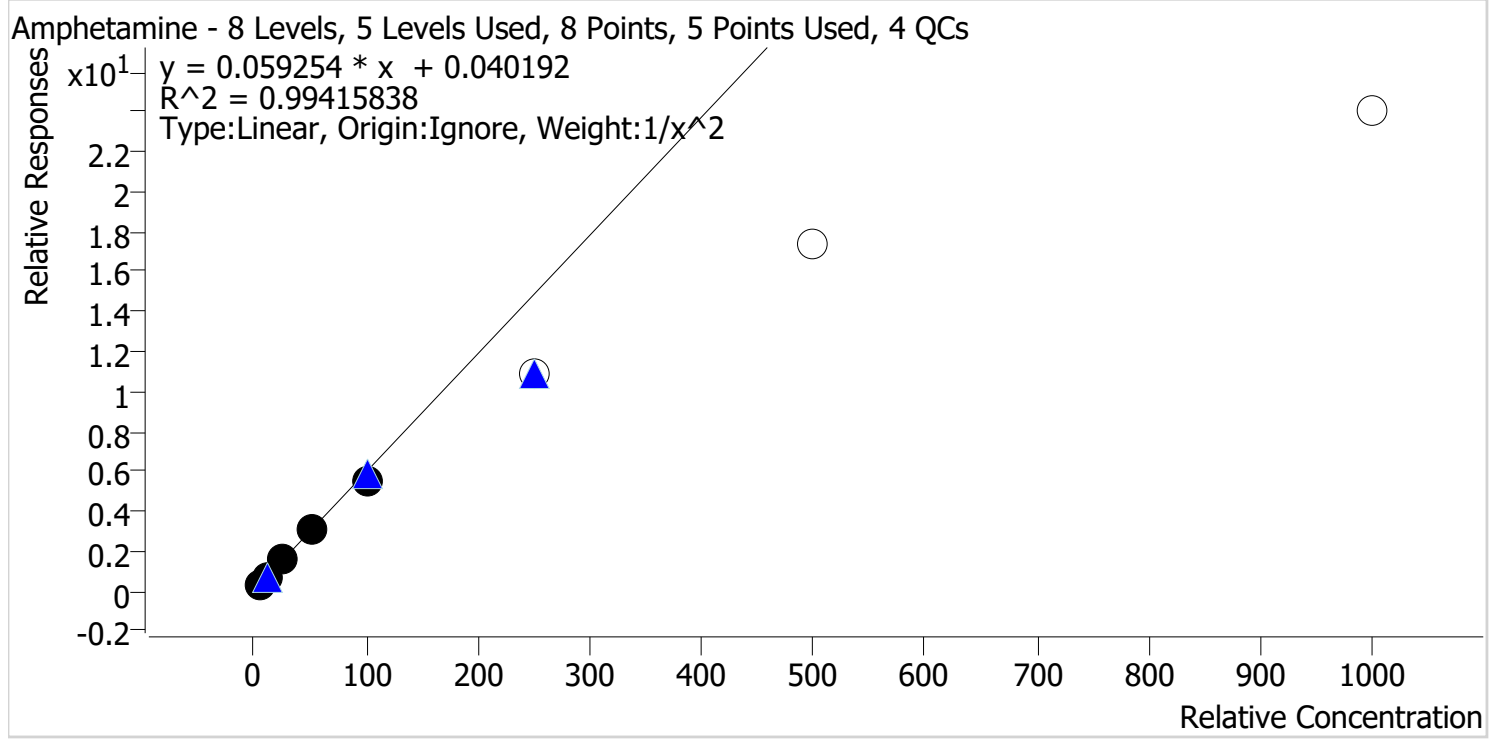
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1005.0	100.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	91.5	91.5
p1 Cal 6-250ng	6	✗	250.0	183.3	73.3
p1 Cal 7-500ng	7	✗	500.0	291.8	58.4
p1 Cal 8-1000ng	8	✗	1000.0	404.5	40.4

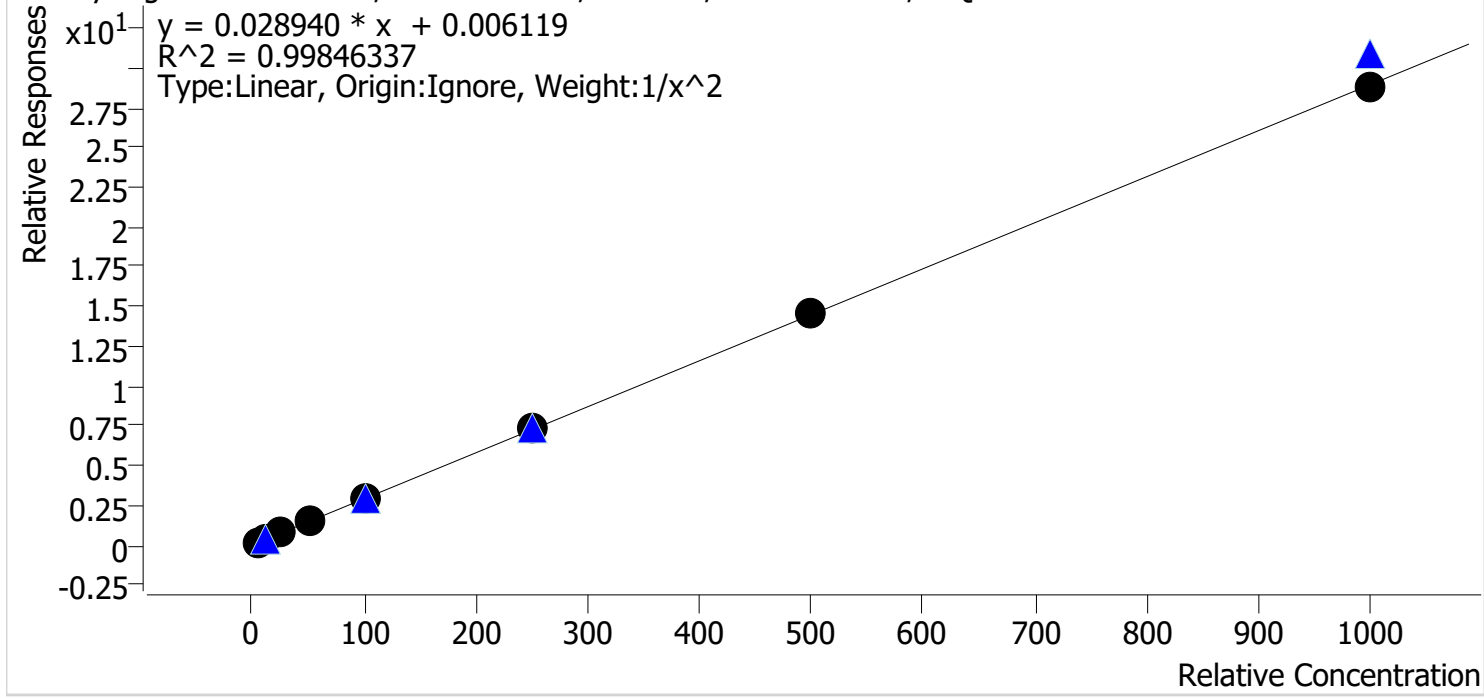
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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

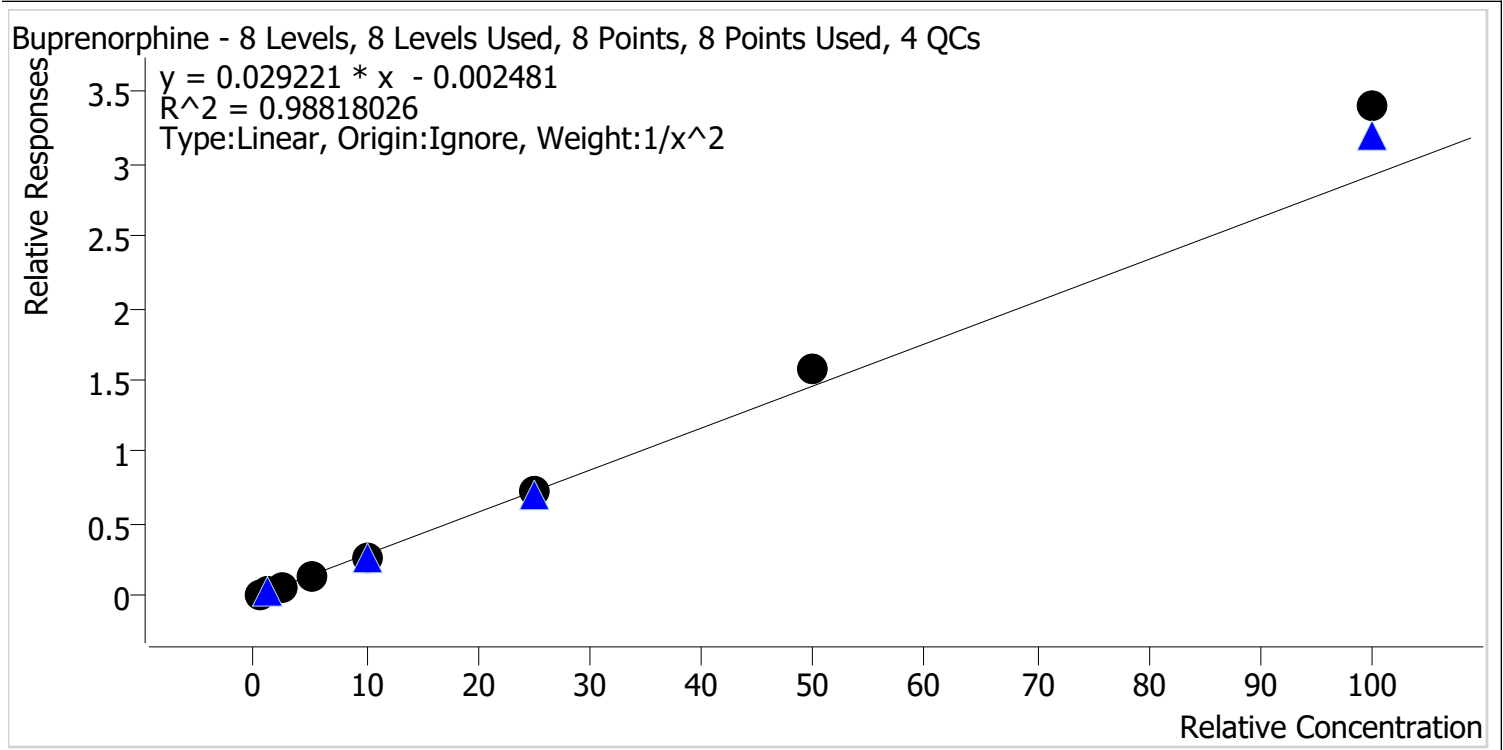


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.2	92.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	499.9	100.0
p1 Cal 8-1000ng	8	✓	1000.0	997.0	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

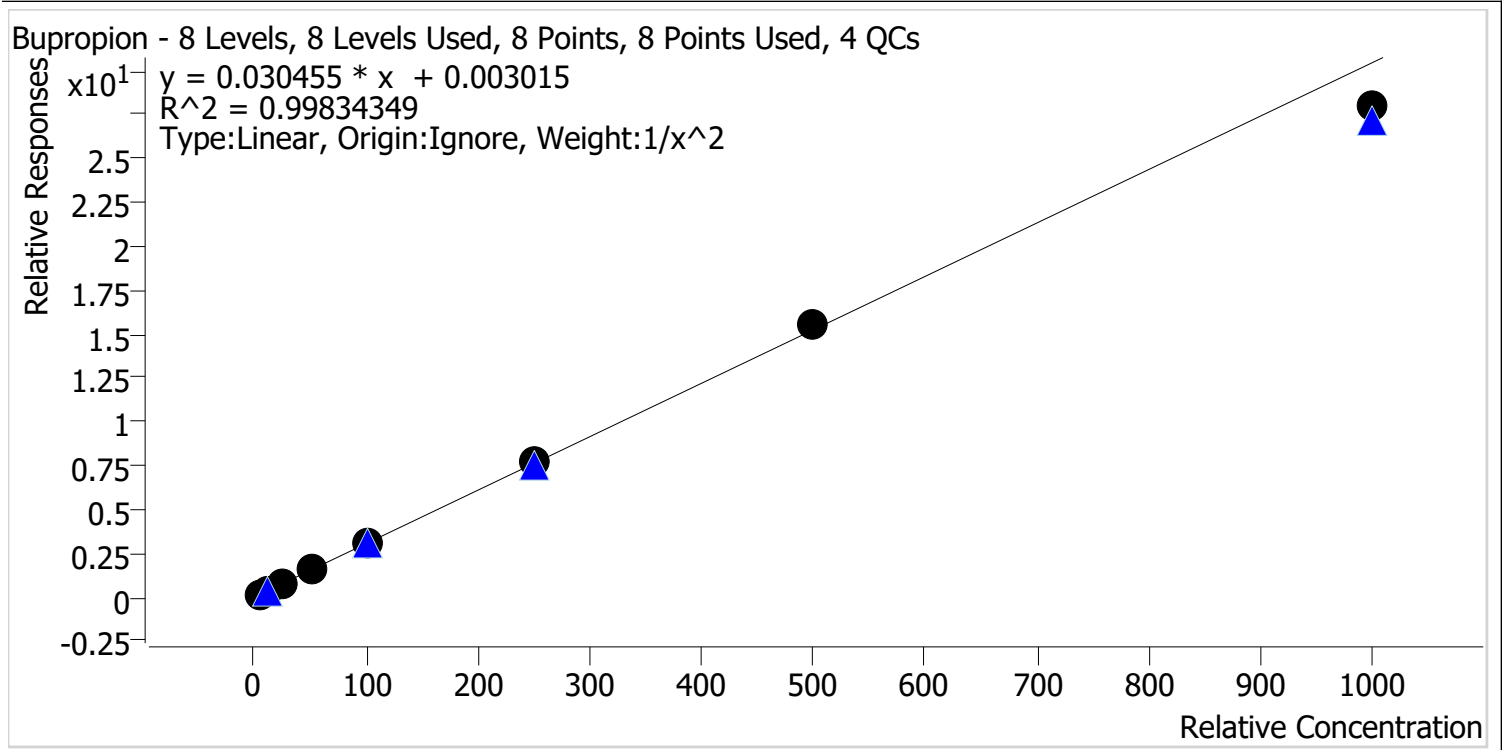


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.8
p1 Cal 2-10ng	2	✓	1.0	1.0	97.3
p1 Cal 3 -25ng	3	✓	2.5	2.2	88.8
p1 Cal 4-50ng	4	✓	5.0	4.4	88.7
p1 Cal 5-100ng	5	✓	10.0	9.5	95.3
p1 Cal 6-250ng	6	✓	25.0	25.3	101.1
p1 Cal 7-500ng	7	✓	50.0	53.8	107.6
p1 Cal 8-1000ng	8	✓	100.0	116.4	116.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

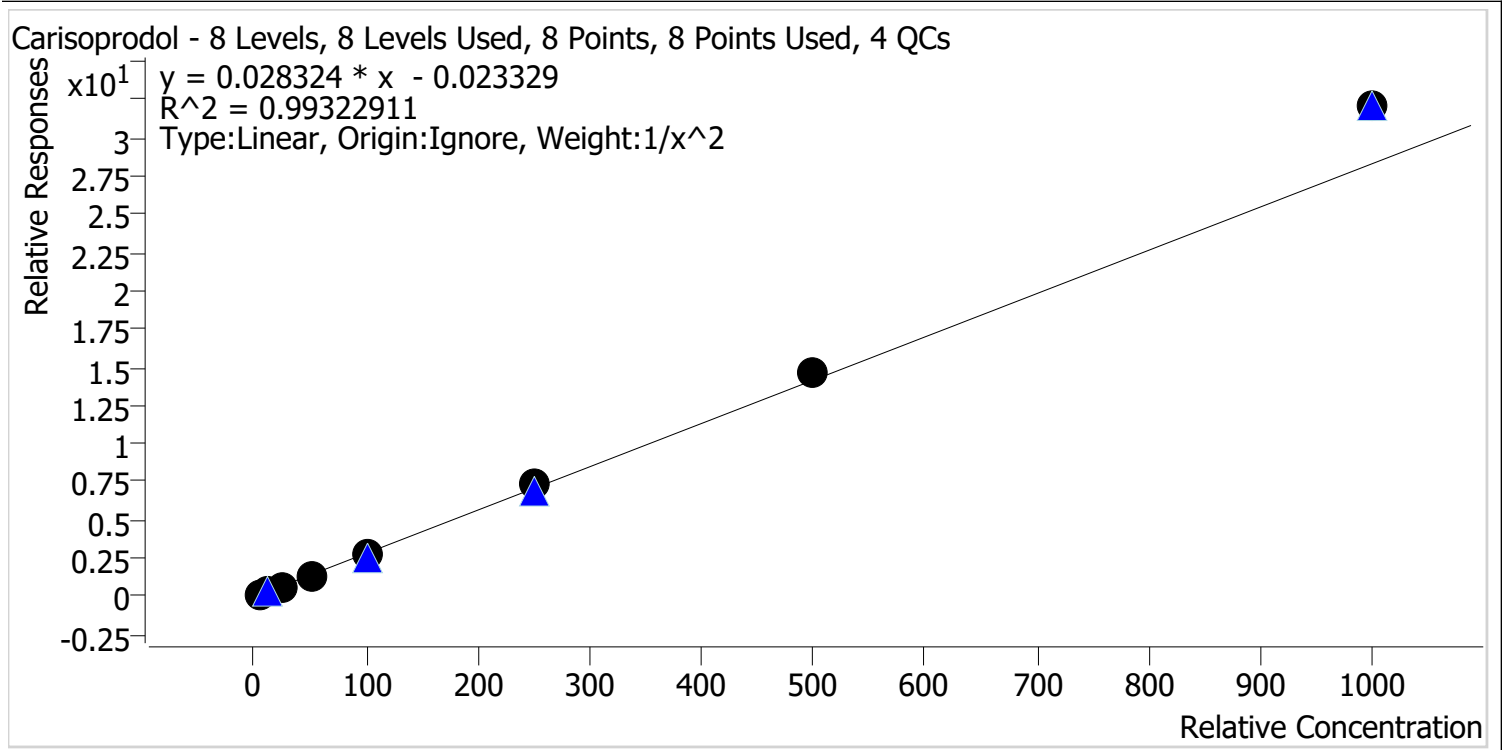


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	918.5	91.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

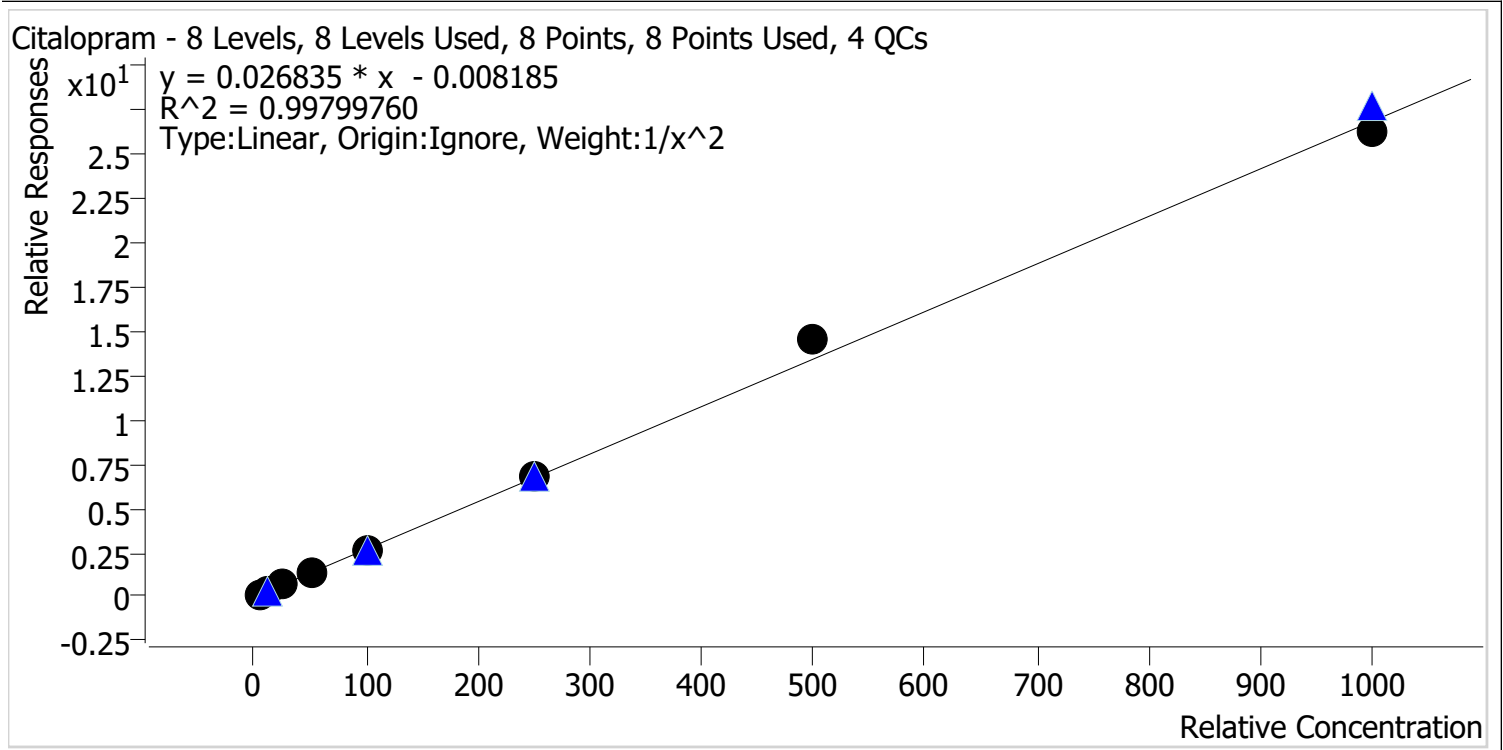


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.6
p1 Cal 4-50ng	4	✓	50.0	45.7	91.3
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	513.7	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1130.0	113.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

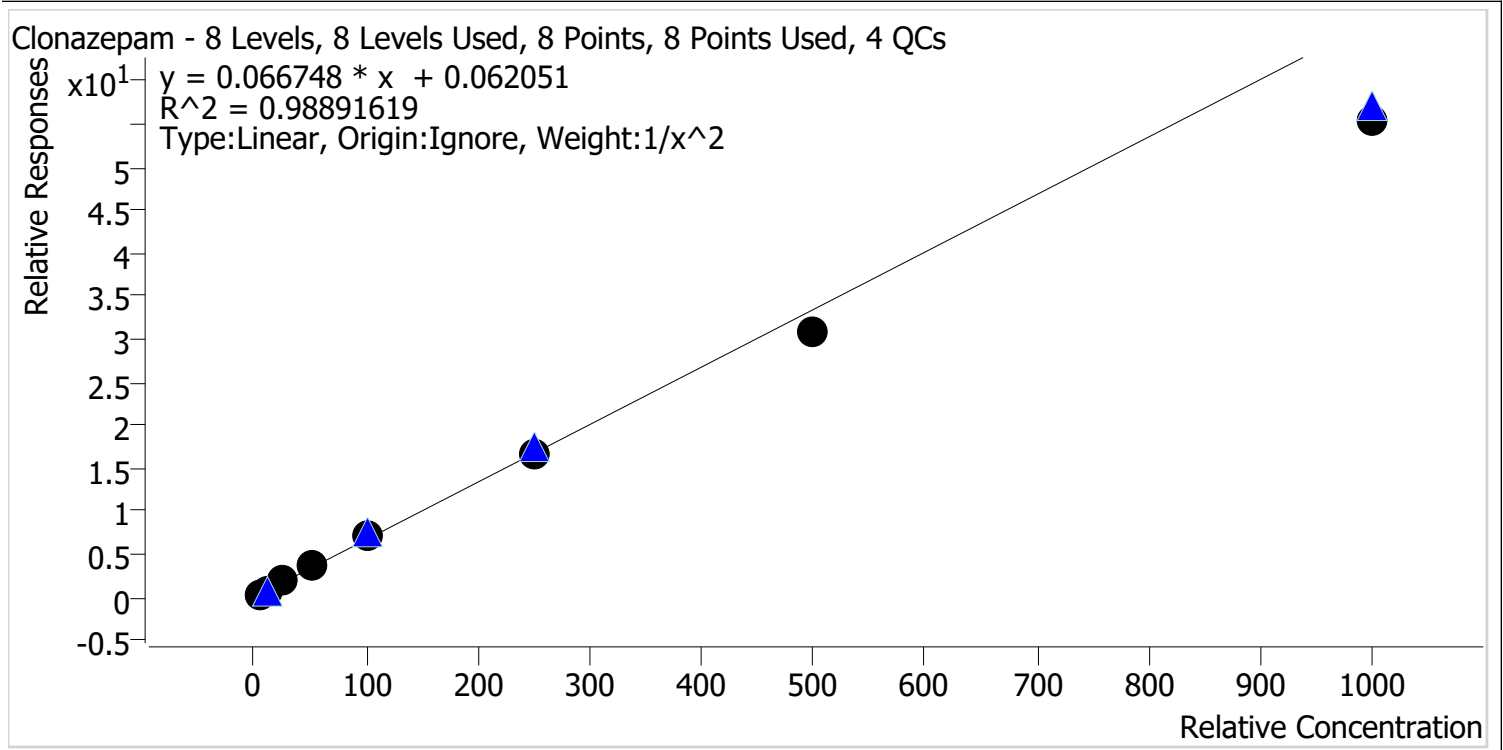


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	540.7	108.1
p1 Cal 8-1000ng	8	✓	1000.0	975.6	97.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



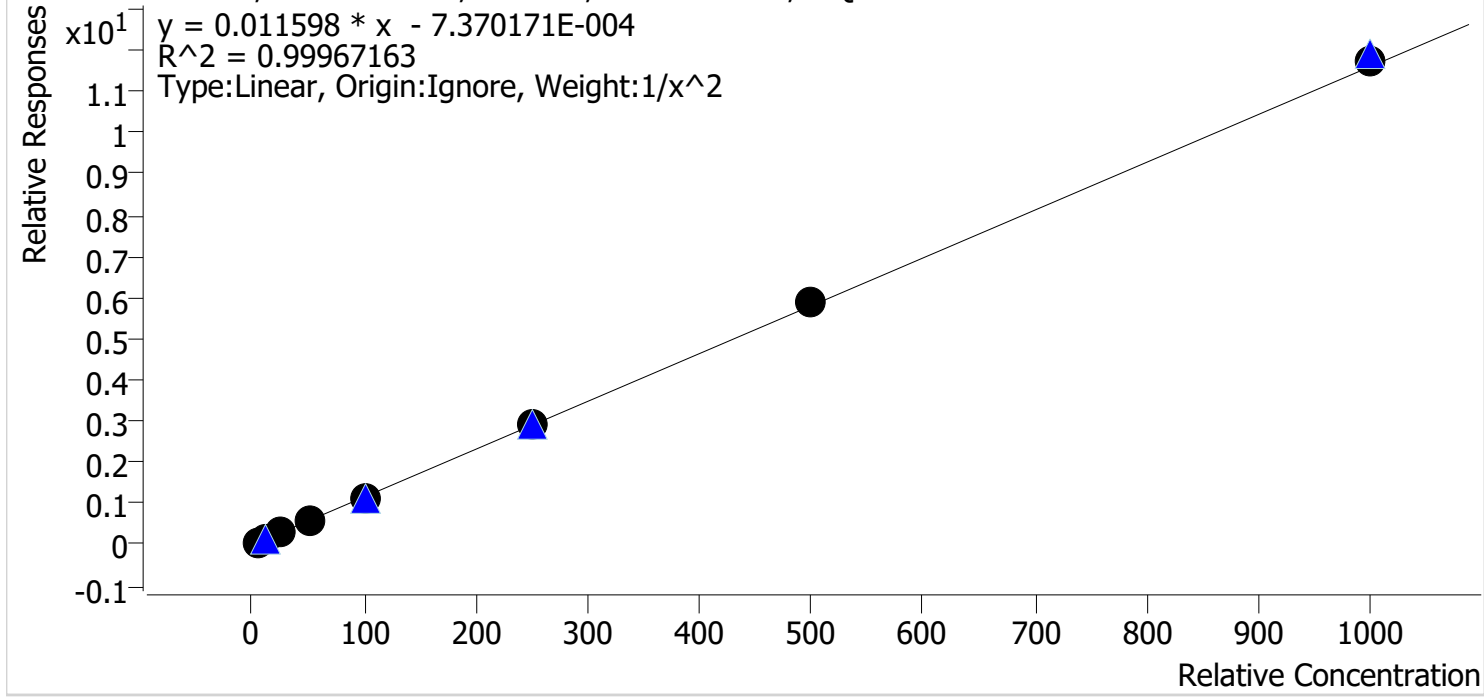
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	463.2	92.6
p1 Cal 8-1000ng	8	✓	1000.0	829.8	83.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

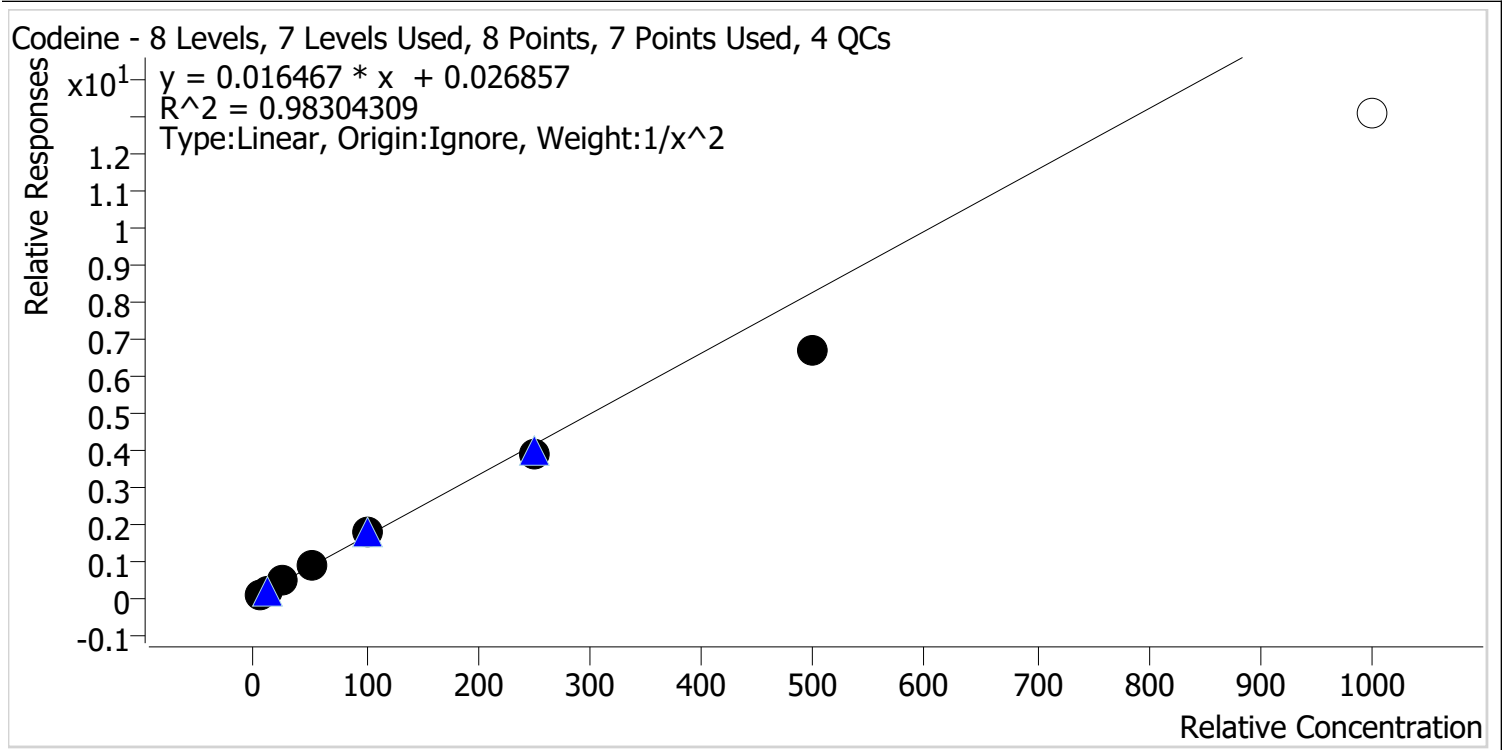
Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1012.9	101.3

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



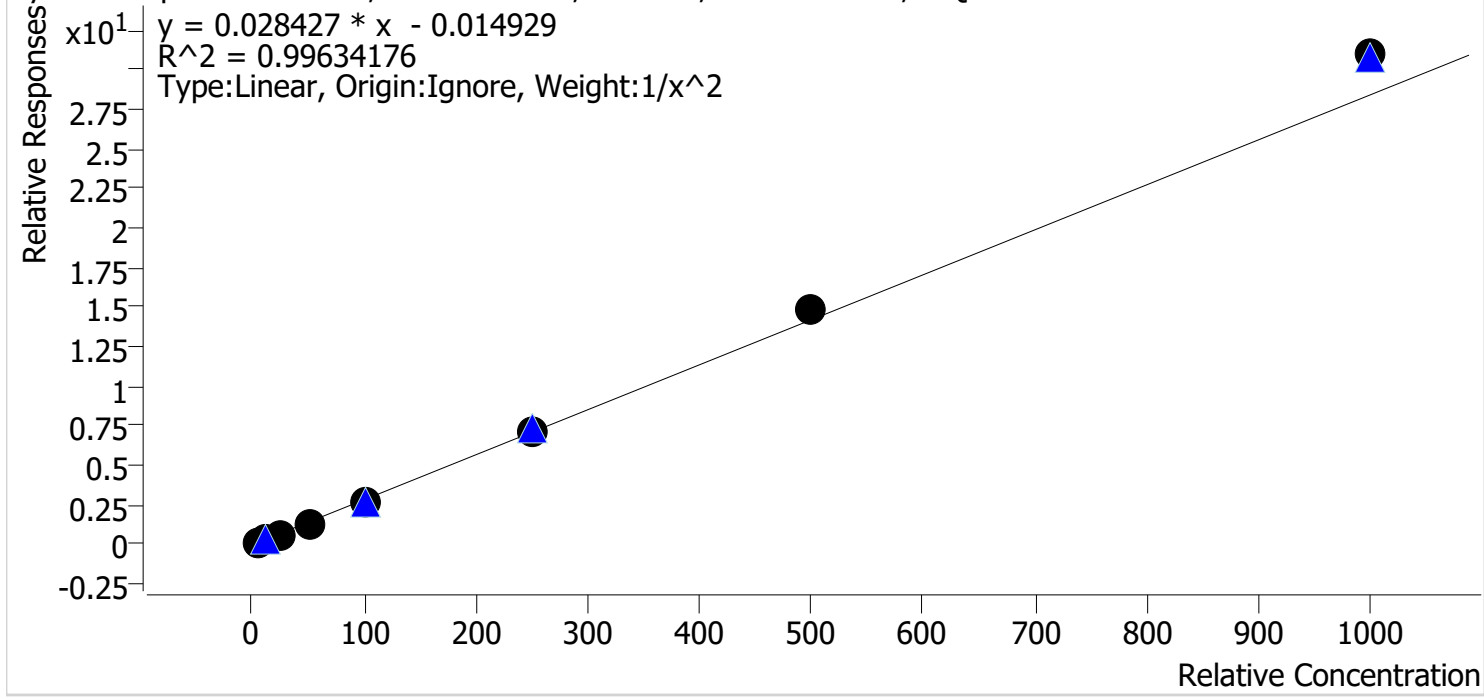
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.9
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	109.0	109.0
p1 Cal 6-250ng	6	✓	250.0	232.5	93.0
p1 Cal 7-500ng	7	✓	500.0	402.1	80.4
p1 Cal 8-1000ng	8	x	1000.0	790.3	79.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

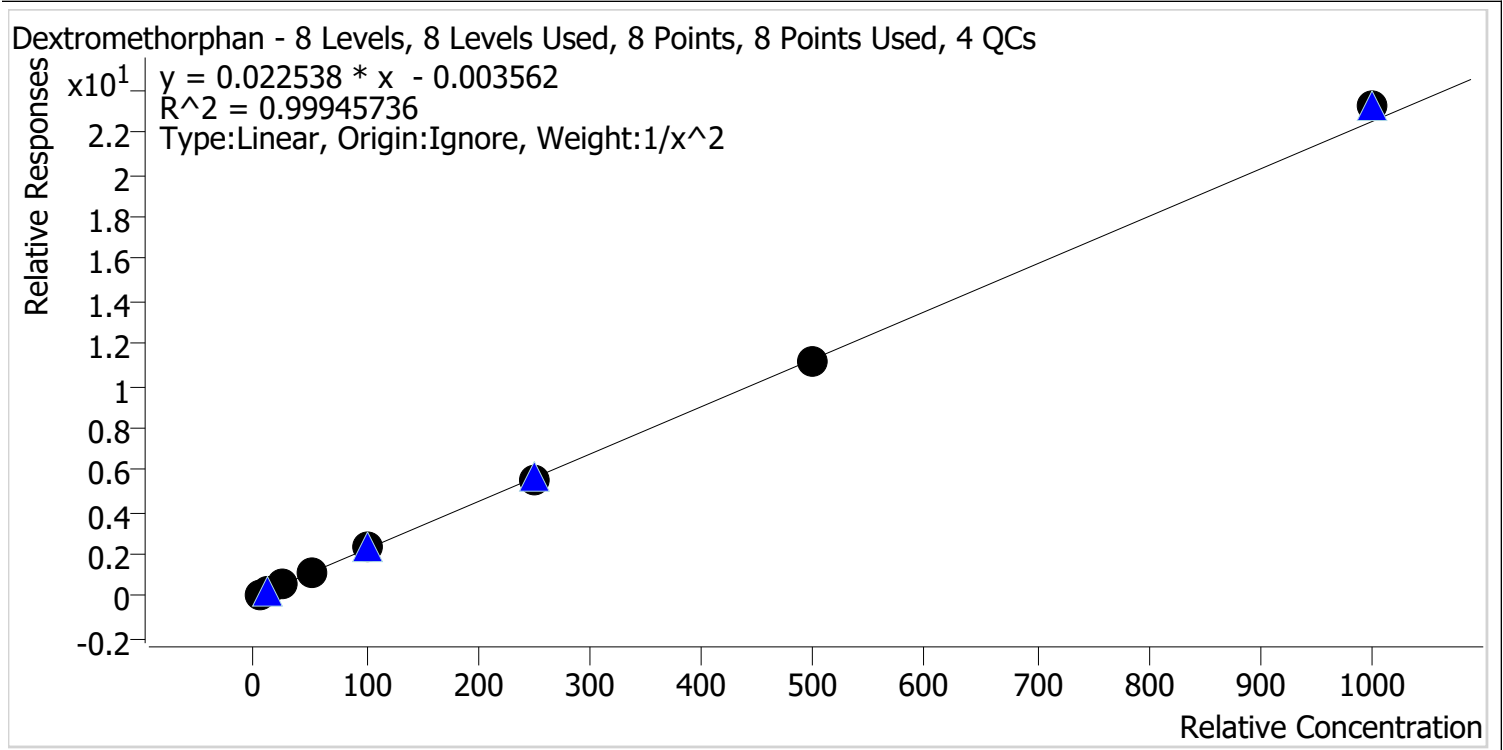


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	525.7	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1090.3	109.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

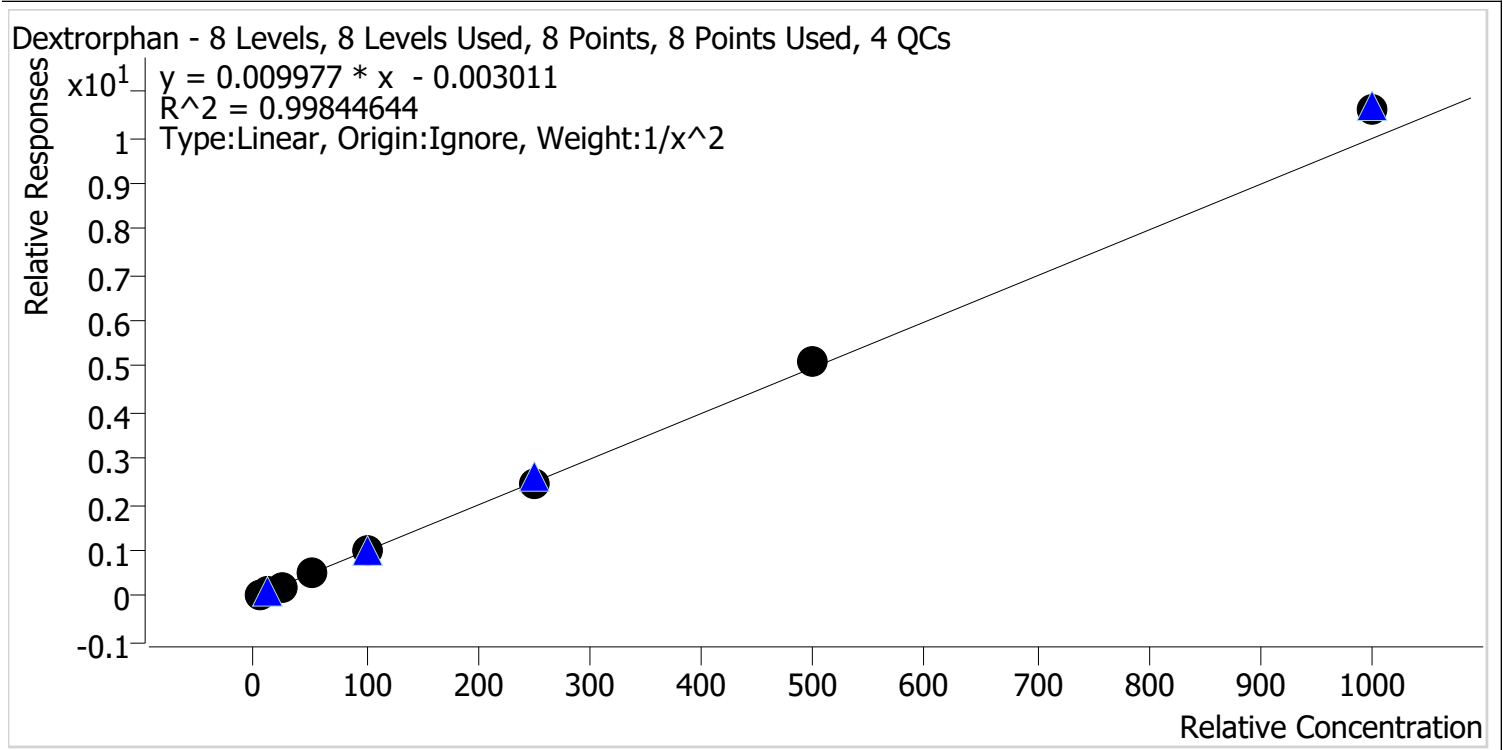


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1031.9	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1060.8	106.1

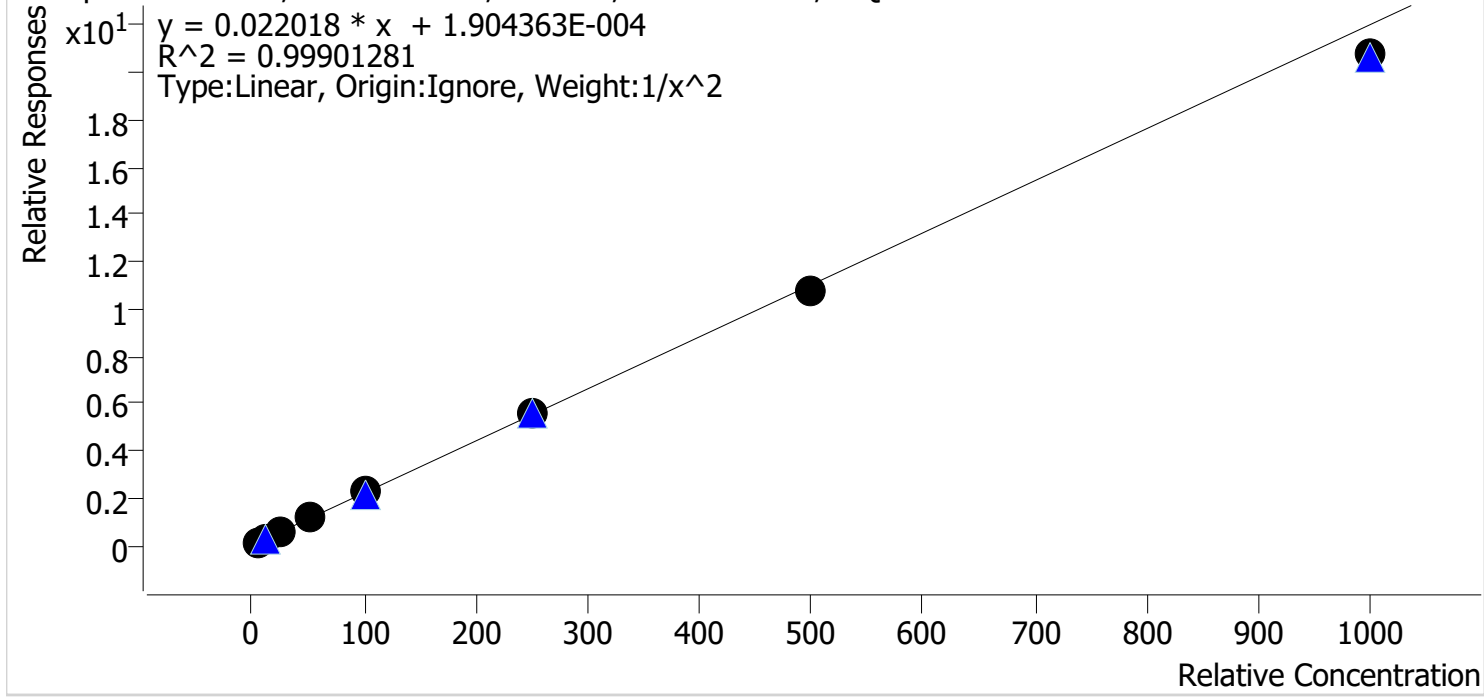
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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

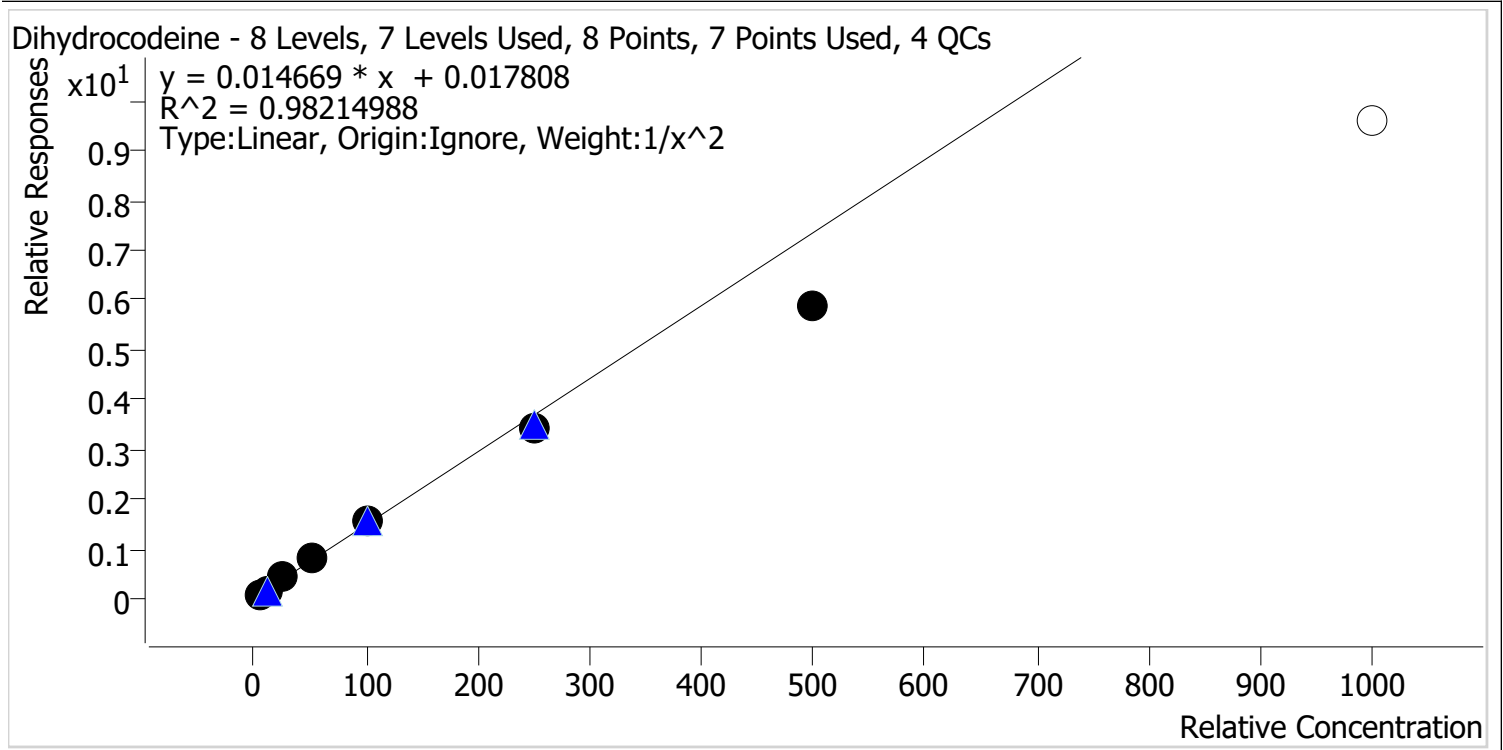


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	491.5	98.3
p1 Cal 8-1000ng	8	✓	1000.0	943.1	94.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

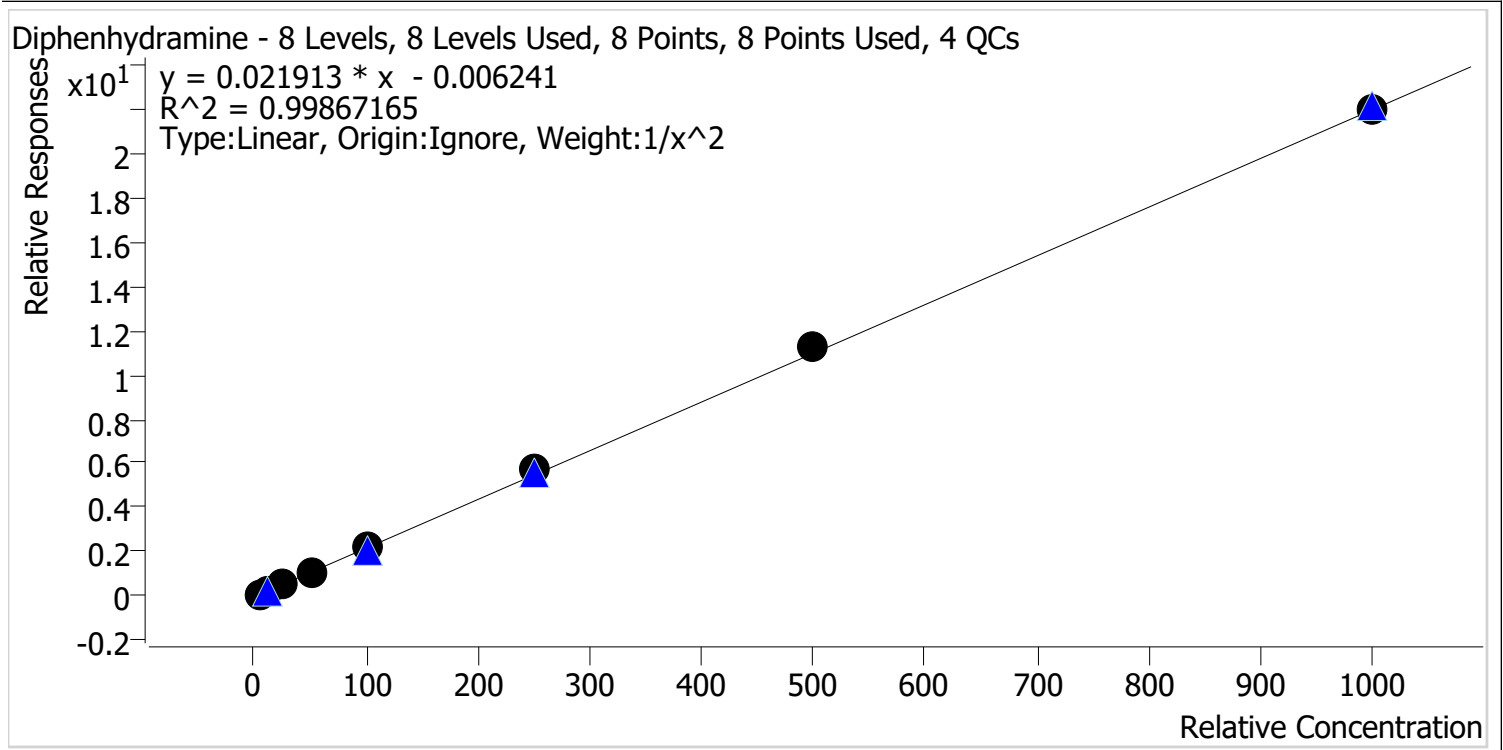


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	56.4	112.7
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	232.7	93.1
p1 Cal 7-500ng	7	✓	500.0	401.6	80.3
p1 Cal 8-1000ng	8	x	1000.0	653.4	65.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

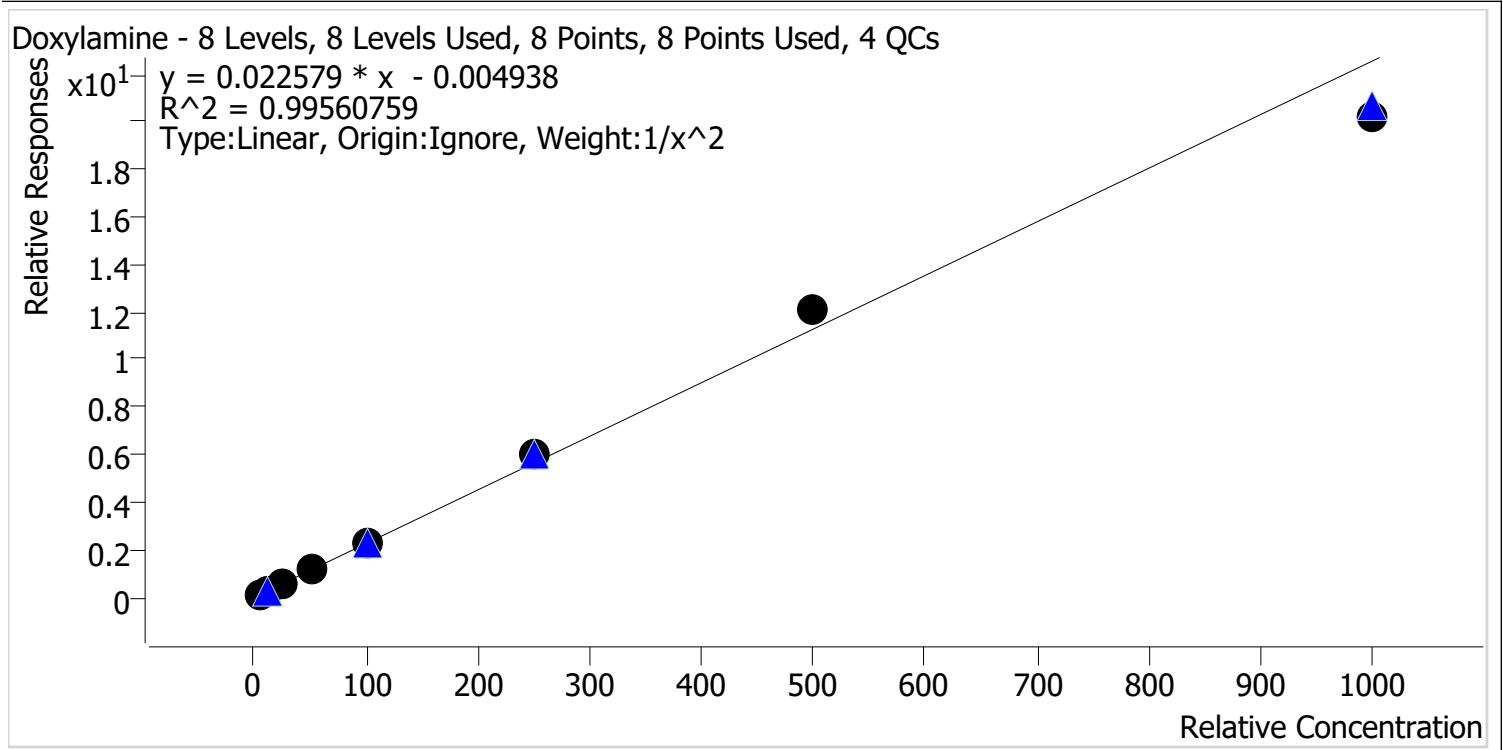


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	511.8	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1004.3	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

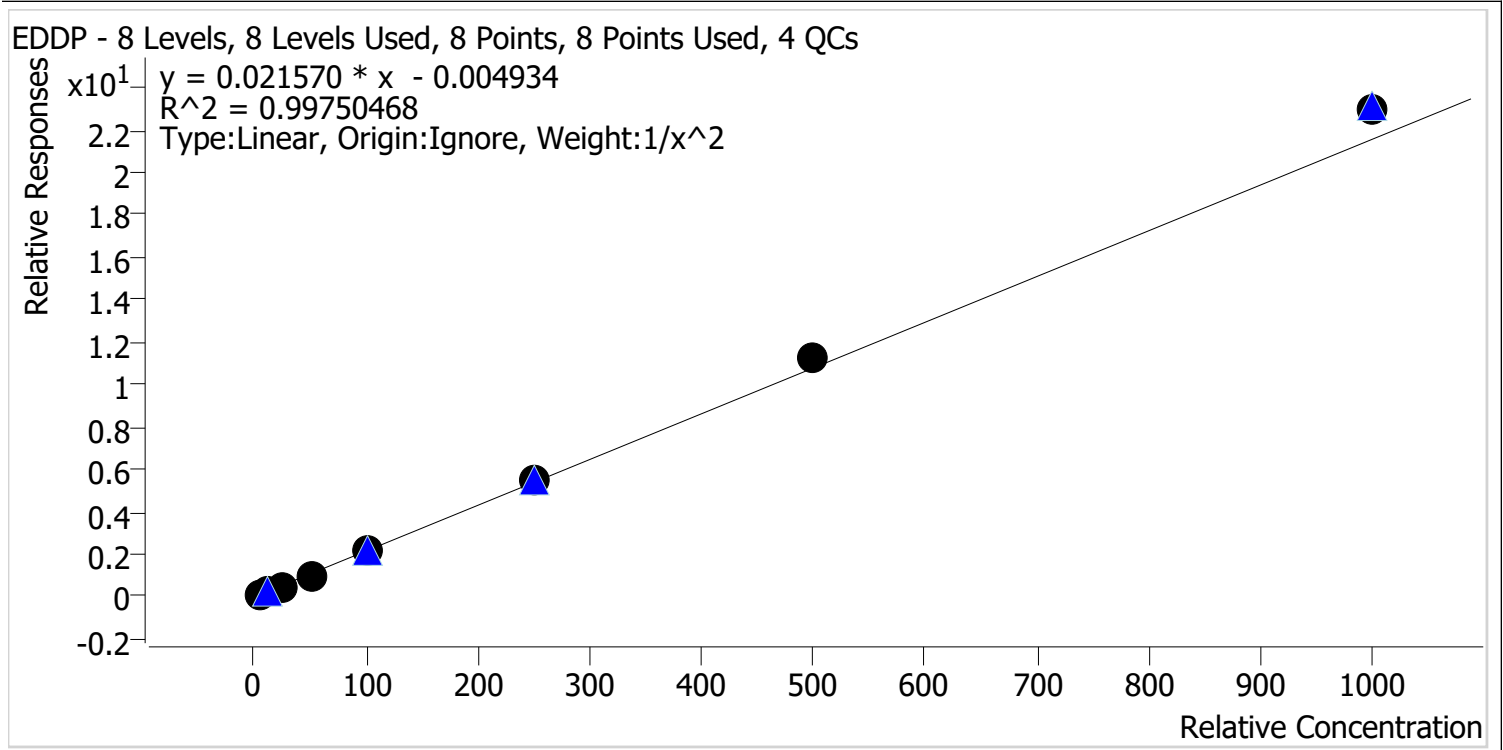


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	269.0	107.6
p1 Cal 7-500ng	7	✓	500.0	533.7	106.7
p1 Cal 8-1000ng	8	✓	1000.0	893.5	89.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1068.1	106.8

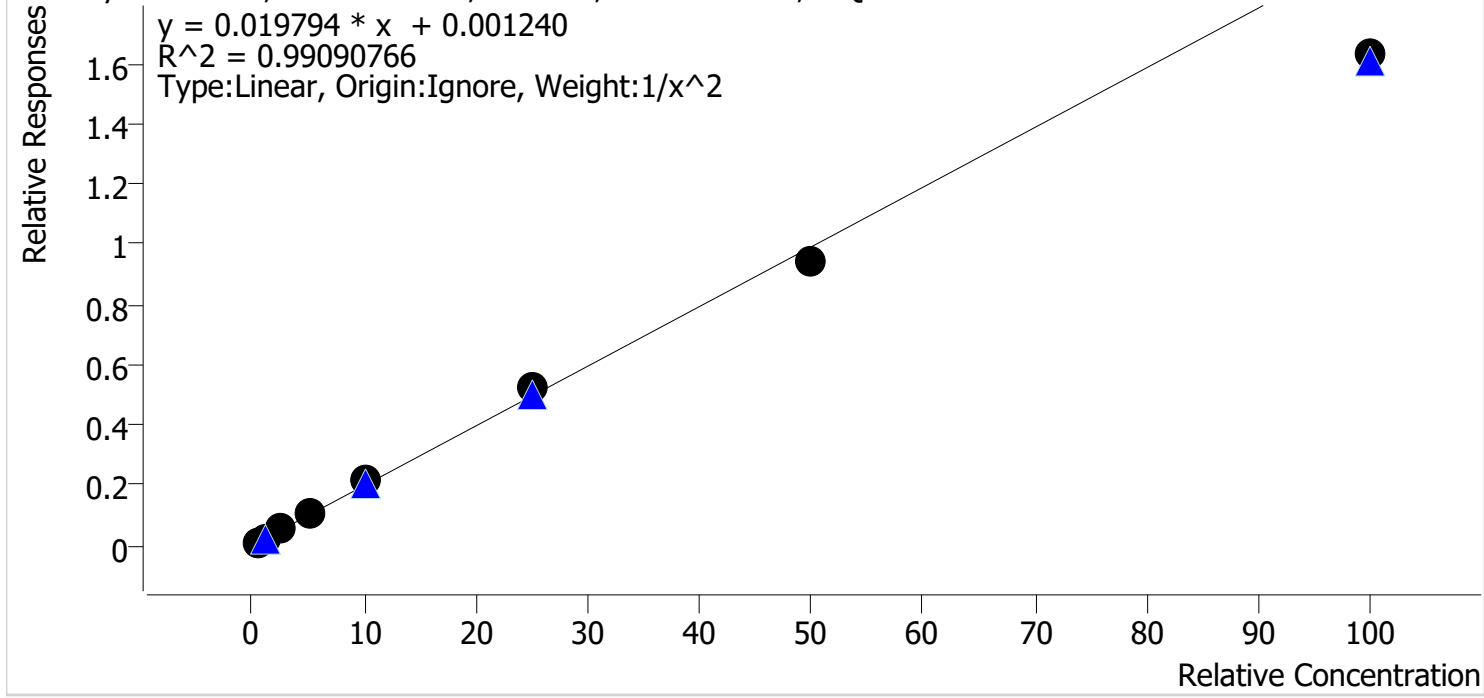
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

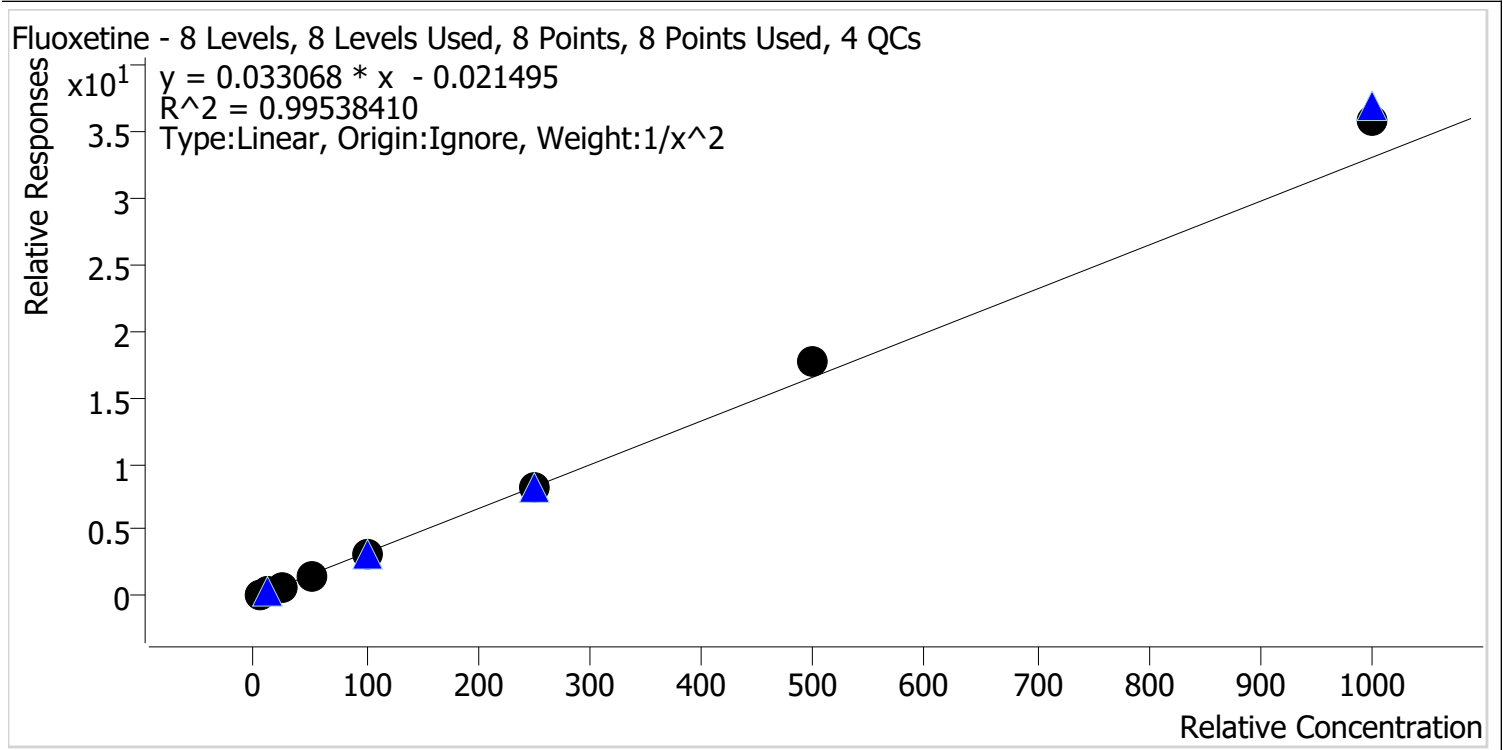


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.4
p1 Cal 2-10ng	2	✓	1.0	1.0	103.7
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.6
p1 Cal 4-50ng	4	✓	5.0	5.2	104.3
p1 Cal 5-100ng	5	✓	10.0	10.7	107.3
p1 Cal 6-250ng	6	✓	25.0	26.4	105.7
p1 Cal 7-500ng	7	✓	50.0	47.9	95.7
p1 Cal 8-1000ng	8	✓	100.0	82.3	82.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 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	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.0
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	534.3	106.9
p1 Cal 8-1000ng	8	✓	1000.0	1081.5	108.1

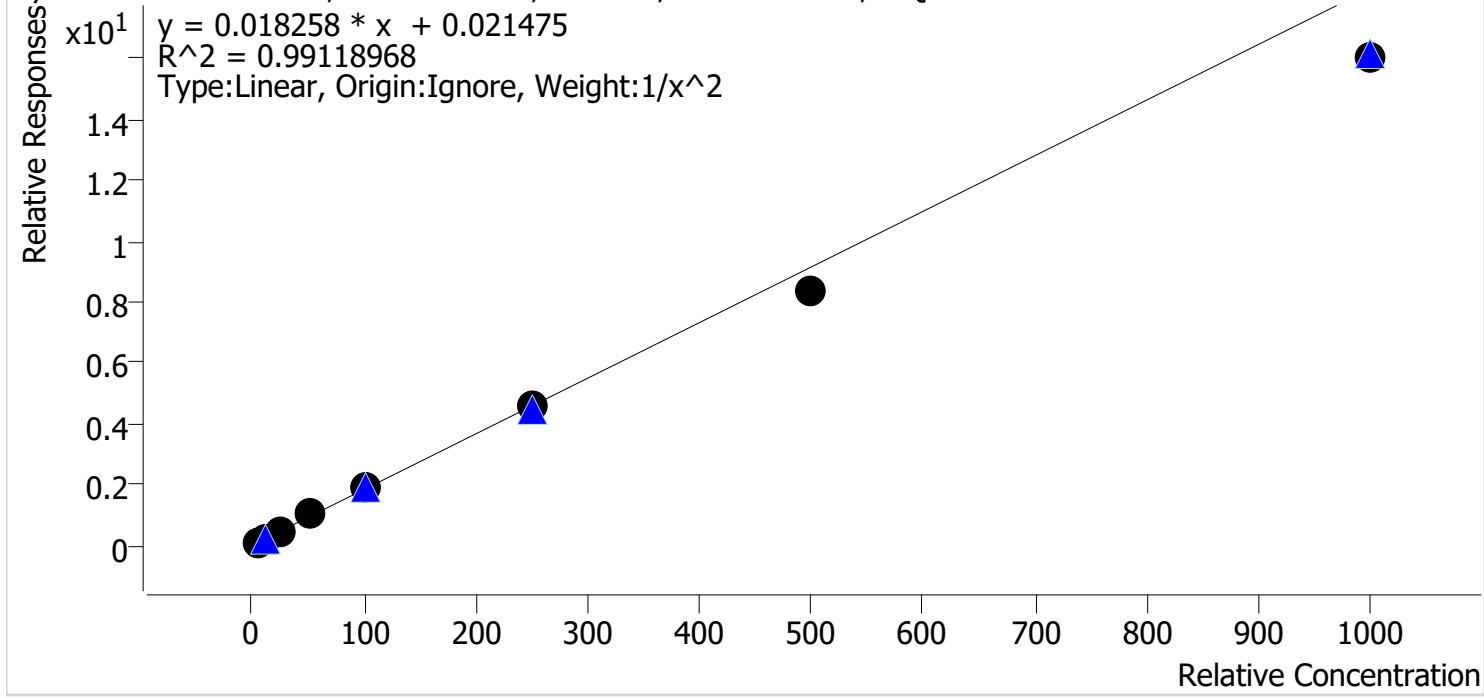
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



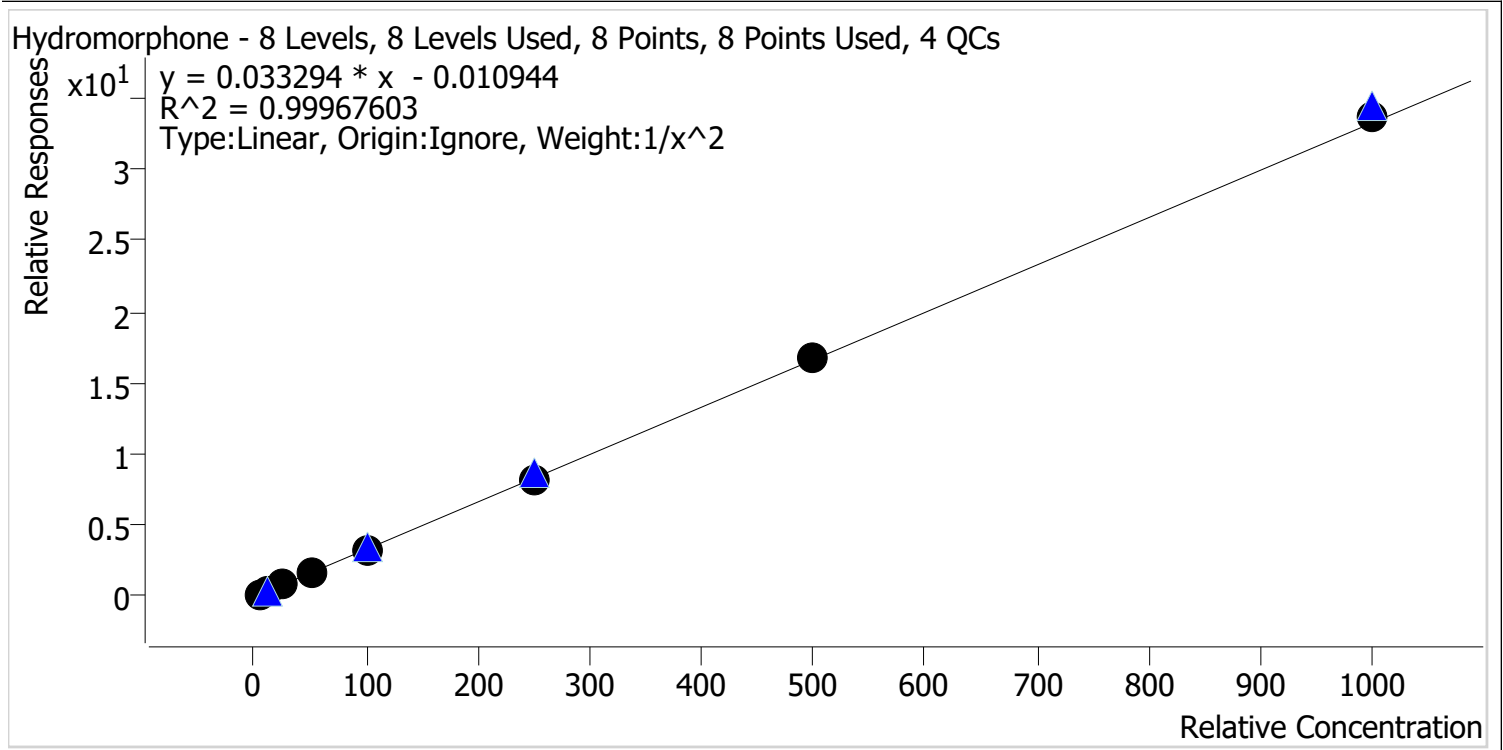
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	55.9	111.8
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	457.4	91.5
p1 Cal 8-1000ng	8	✓	1000.0	873.9	87.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

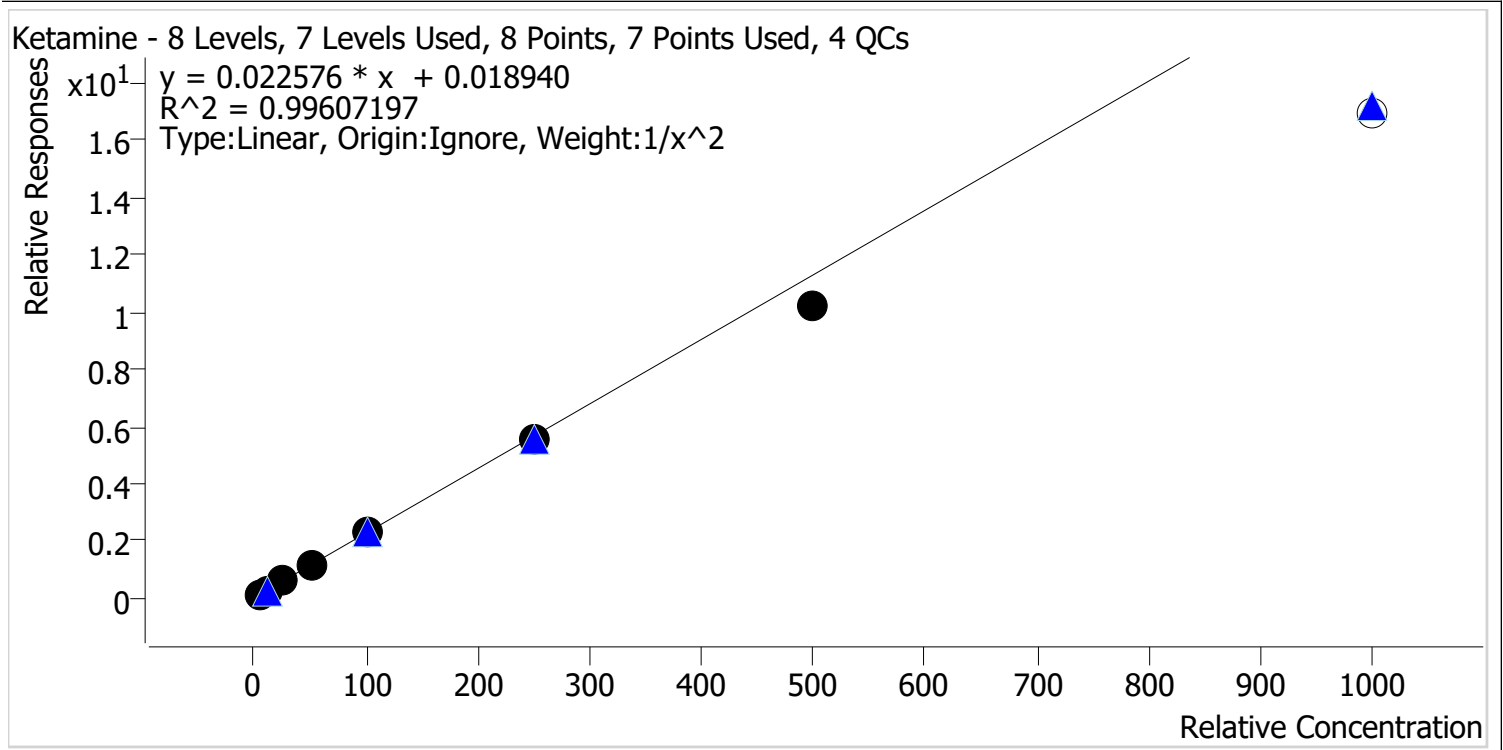


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1010.7	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

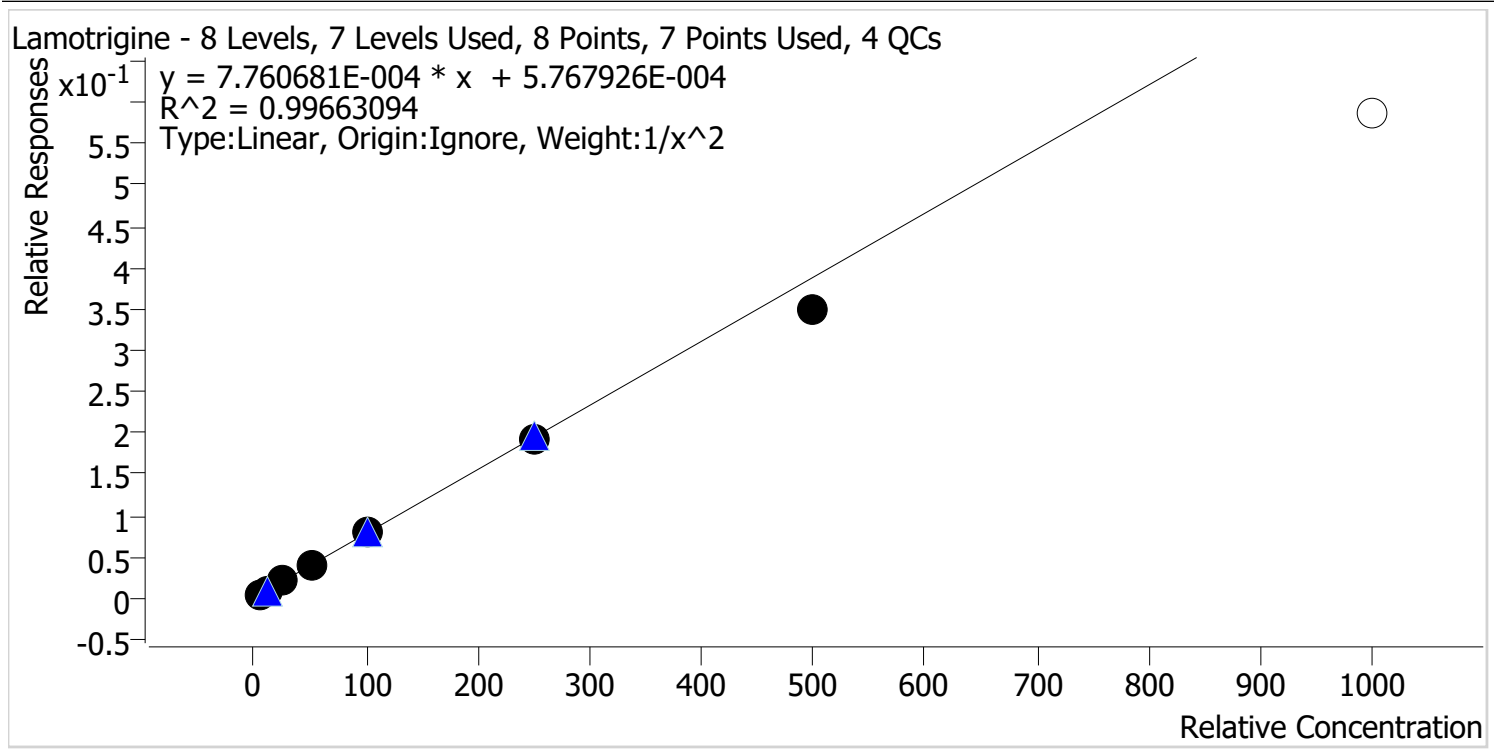


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	450.6	90.1
p1 Cal 8-1000ng	8	x	1000.0	750.4	75.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

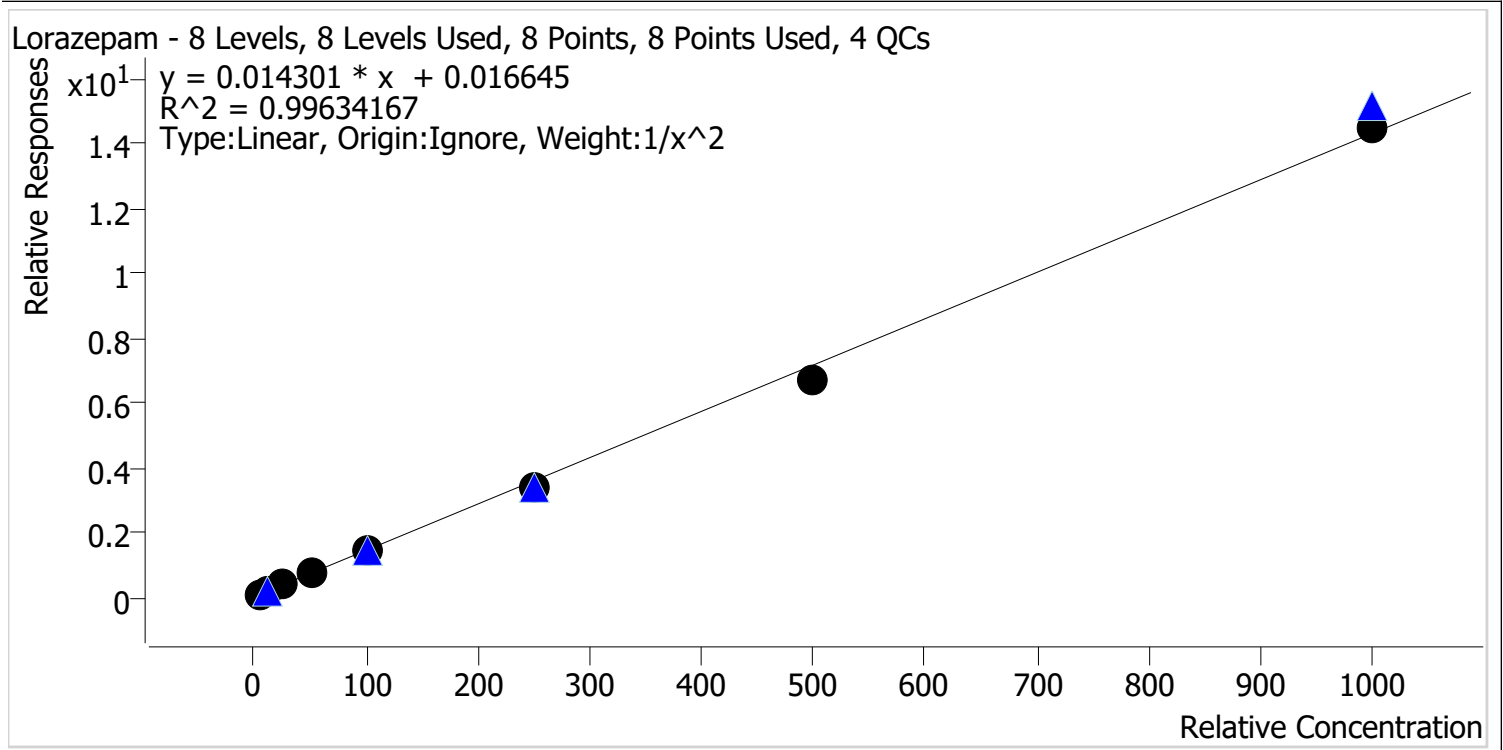


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	451.3	90.3
p1 Cal 8-1000ng	8	x	1000.0	758.6	75.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

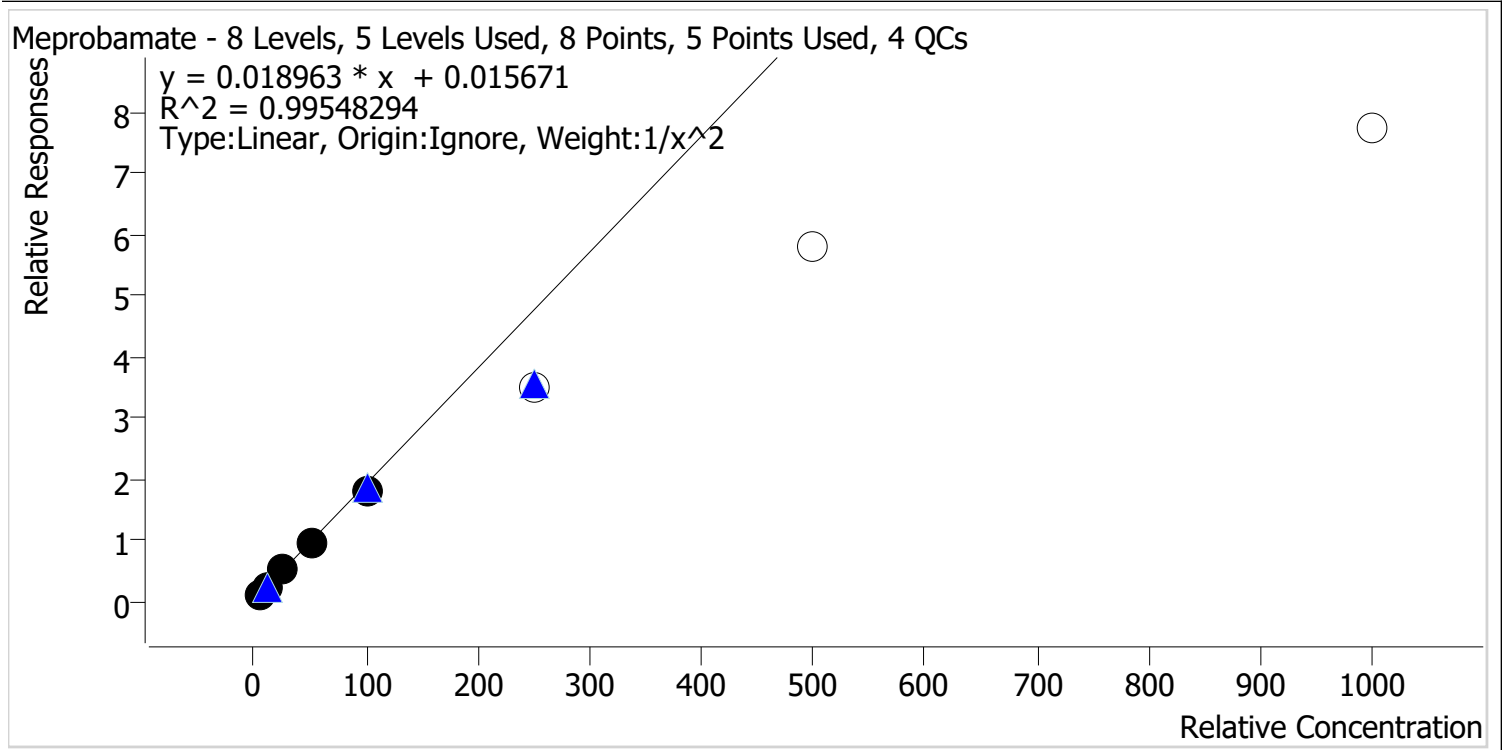


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	237.7	95.1
p1 Cal 7-500ng	7	✓	500.0	465.1	93.0
p1 Cal 8-1000ng	8	✓	1000.0	1009.0	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

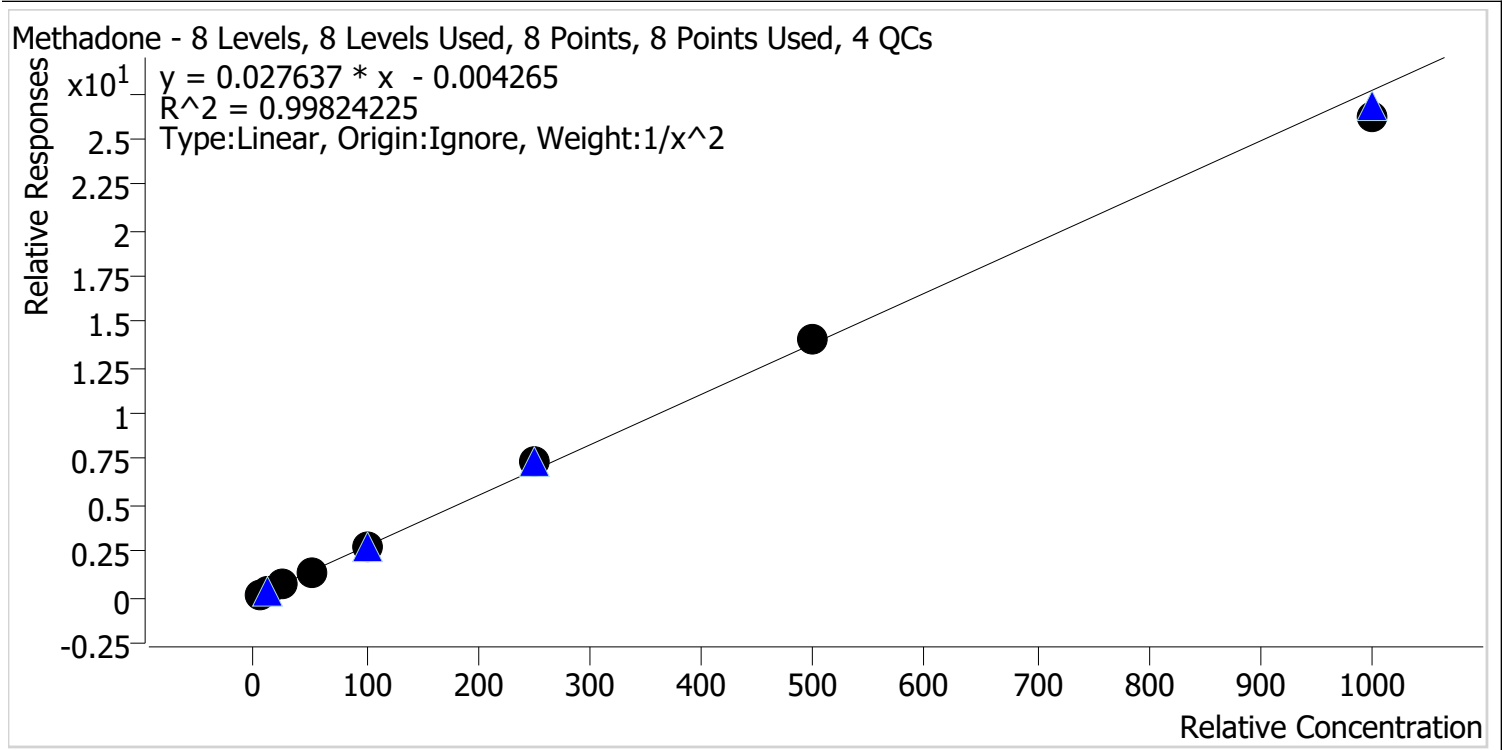


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	93.0	93.0
p1 Cal 6-250ng	6	✗	250.0	184.2	73.7
p1 Cal 7-500ng	7	✗	500.0	304.3	60.9
p1 Cal 8-1000ng	8	✗	1000.0	406.2	40.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

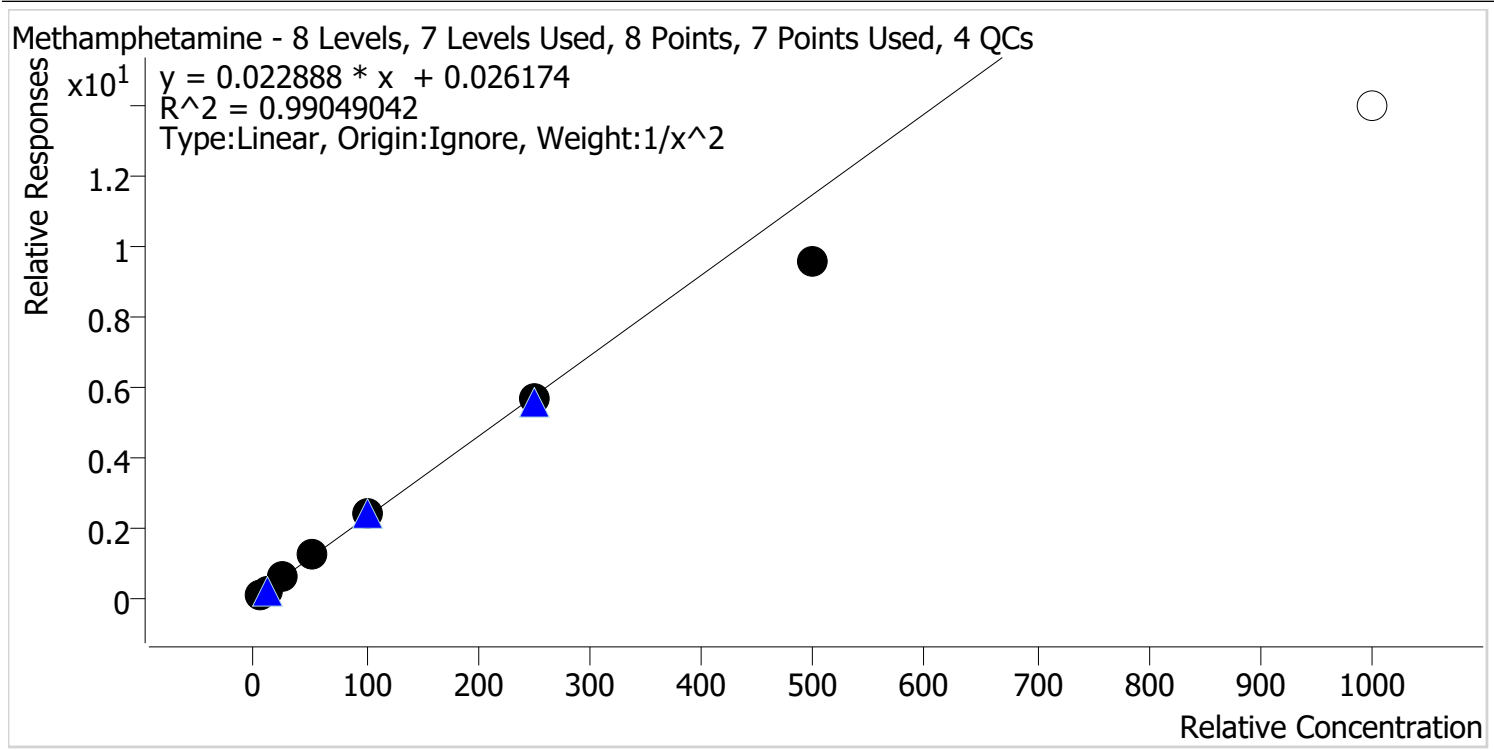


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	267.2	106.9
p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
p1 Cal 8-1000ng	8	✓	1000.0	948.6	94.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datator
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

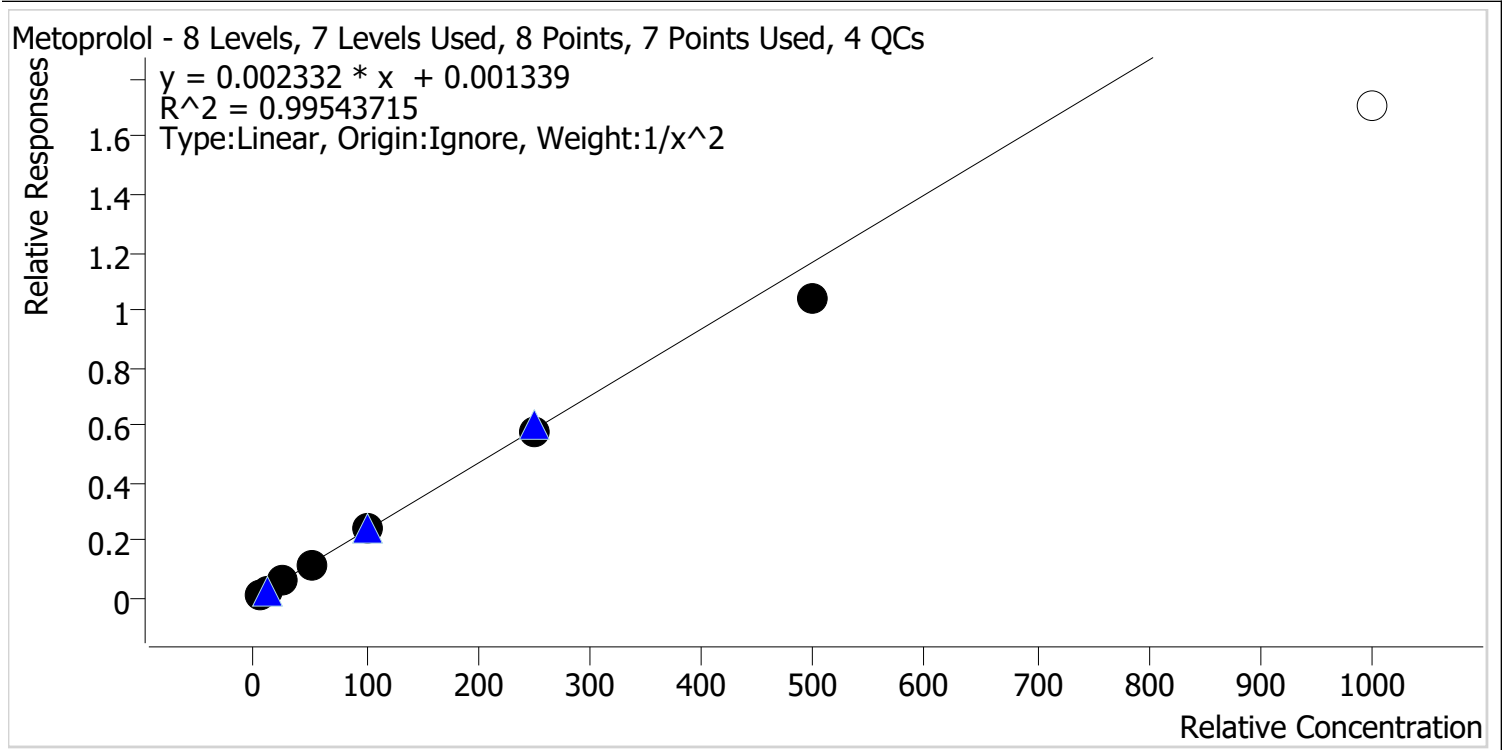


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	417.2	83.4
p1 Cal 8-1000ng	8	x	1000.0	608.8	60.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

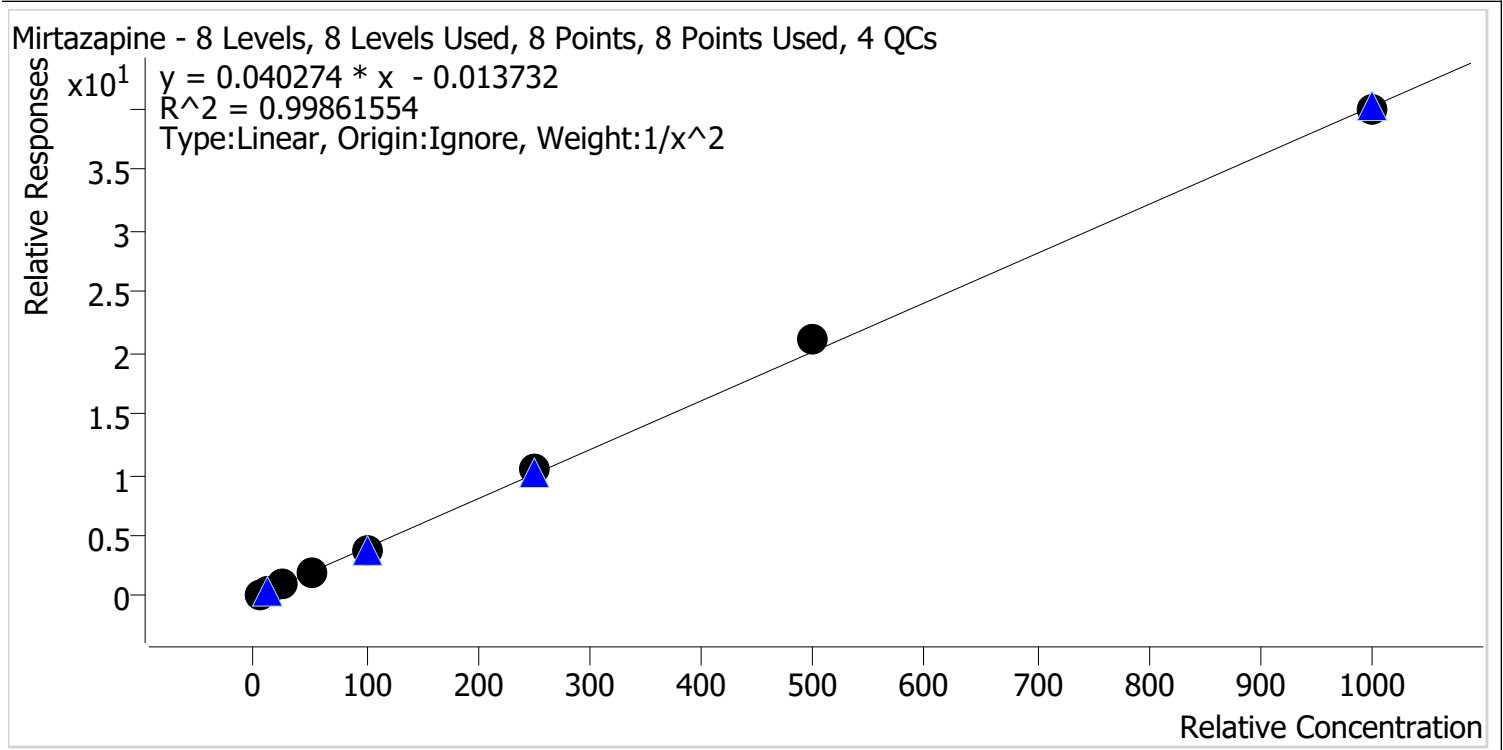


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	446.4	89.3
p1 Cal 8-1000ng	8	✗	1000.0	730.8	73.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

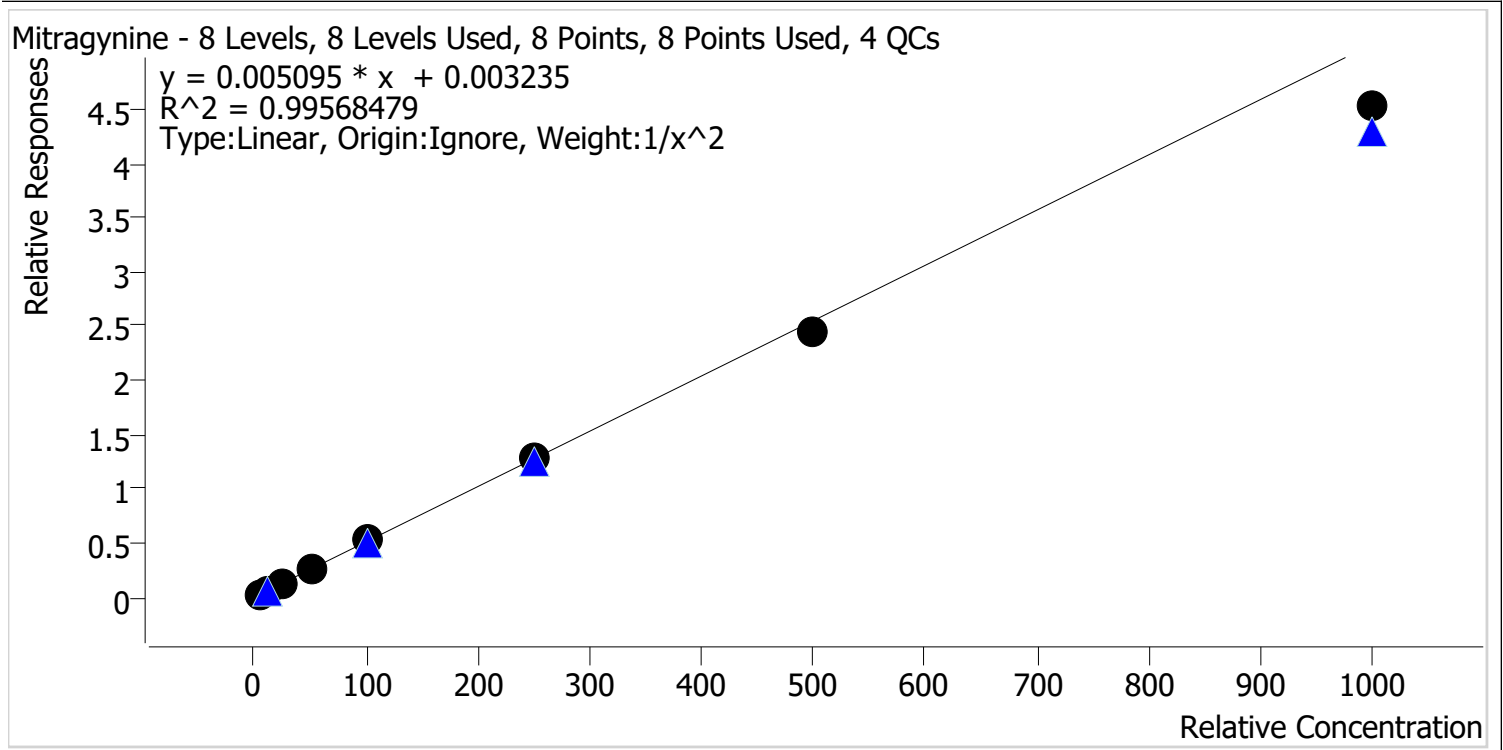


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	527.6	105.5
p1 Cal 8-1000ng	8	✓	1000.0	993.9	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

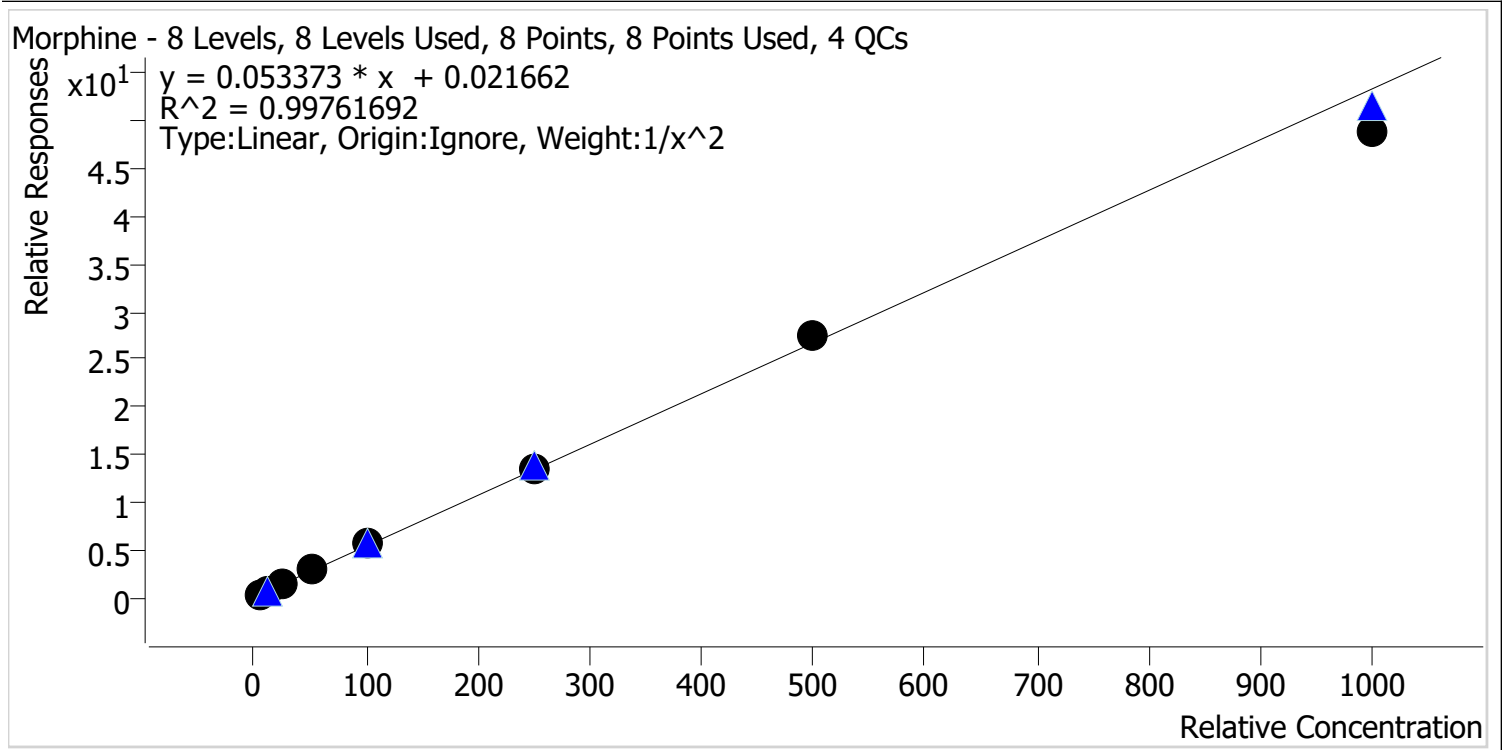


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	481.6	96.3
p1 Cal 8-1000ng	8	✓	1000.0	887.9	88.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6

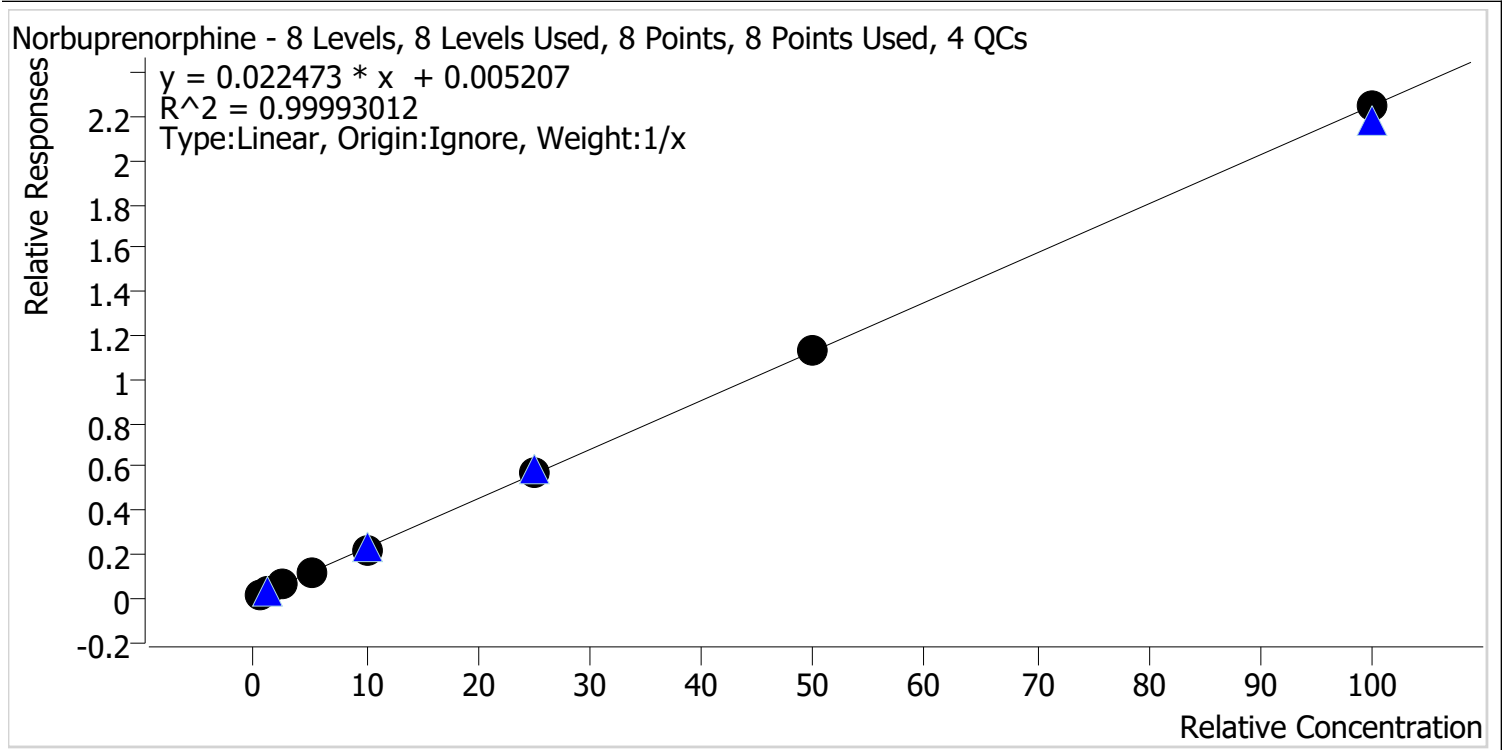


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	513.3	102.7
p1 Cal 8-1000ng	8	✓	1000.0	912.9	91.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

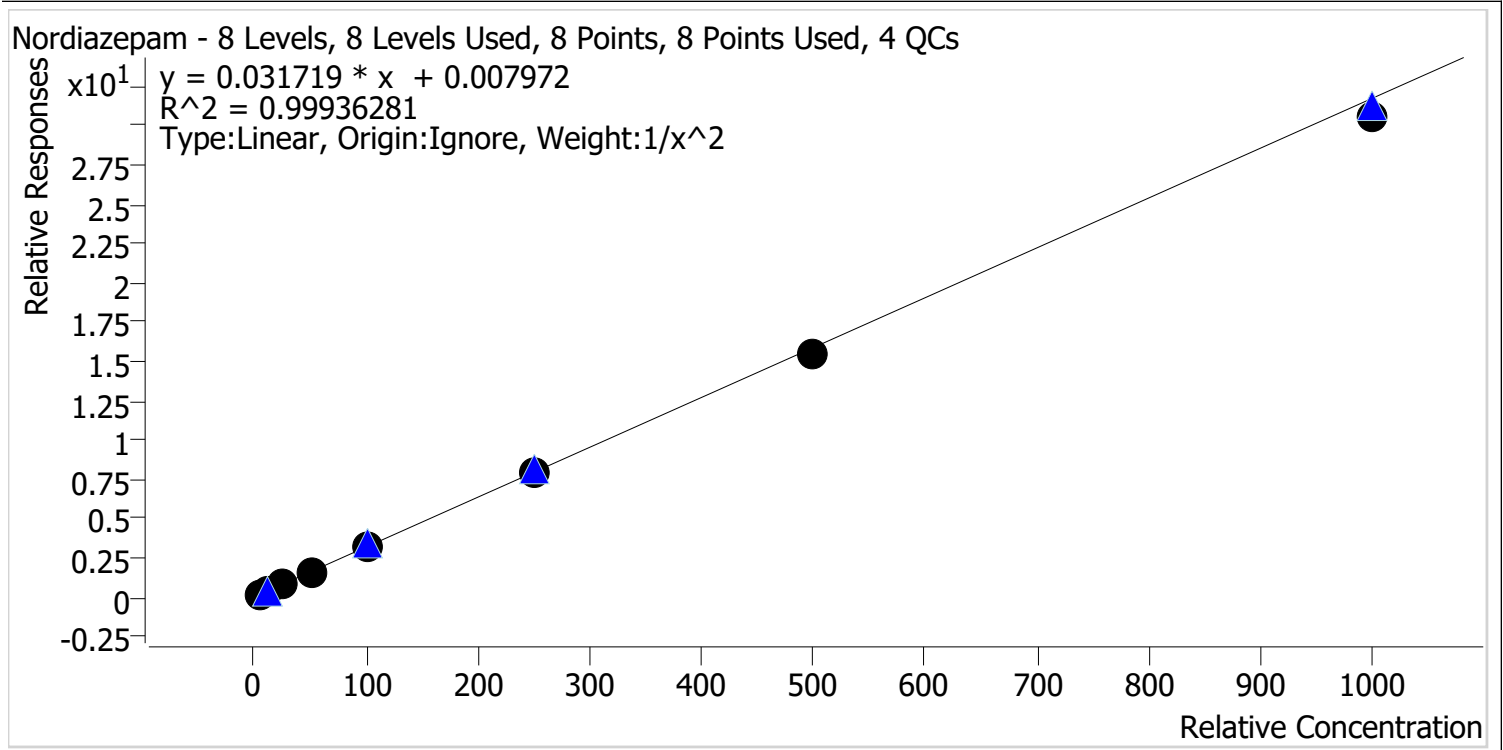


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.5
p1 Cal 2-10ng	2	✓	1.0	1.0	97.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.1
p1 Cal 4-50ng	4	✓	5.0	5.0	100.3
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	25.2	100.8
p1 Cal 7-500ng	7	✓	50.0	50.2	100.4
p1 Cal 8-1000ng	8	✓	100.0	99.9	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

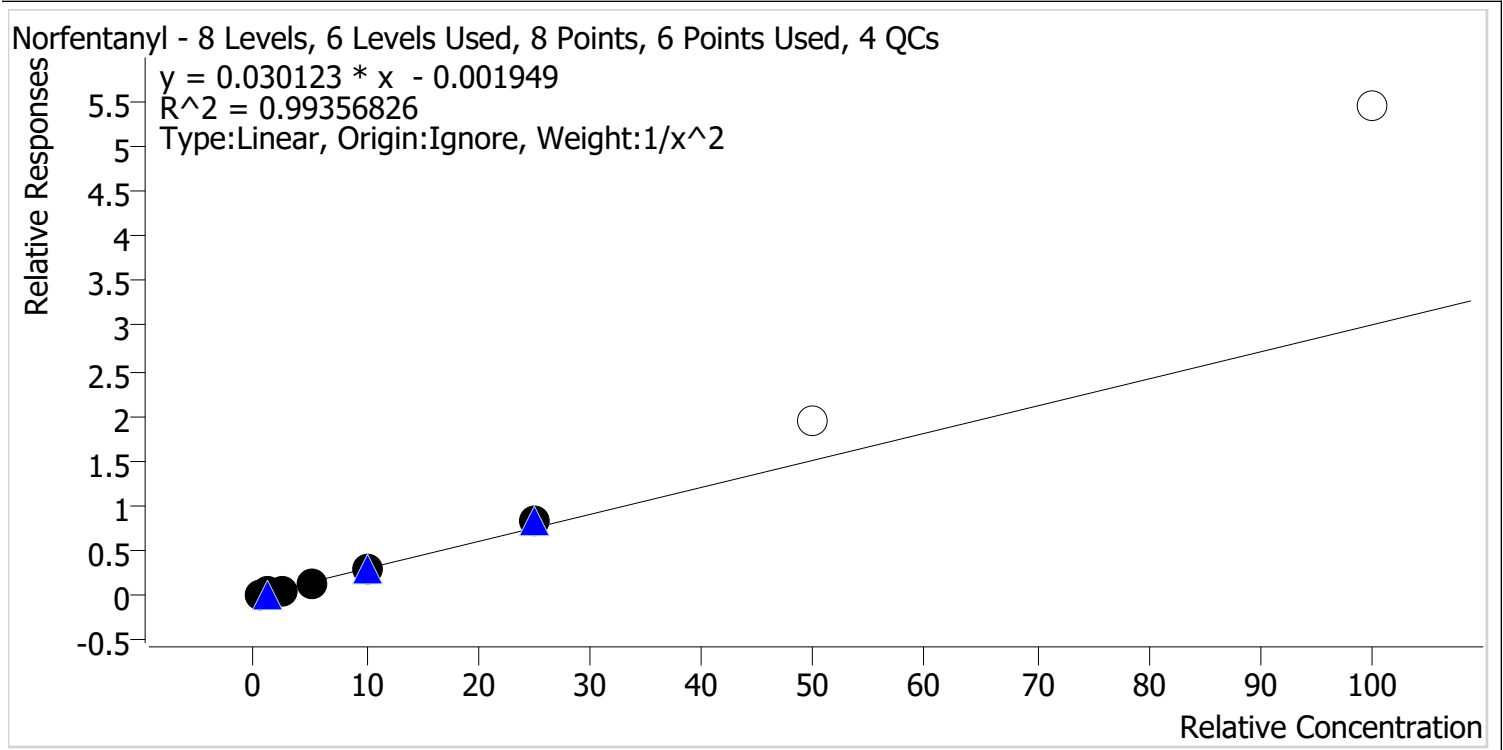


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	962.5	96.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

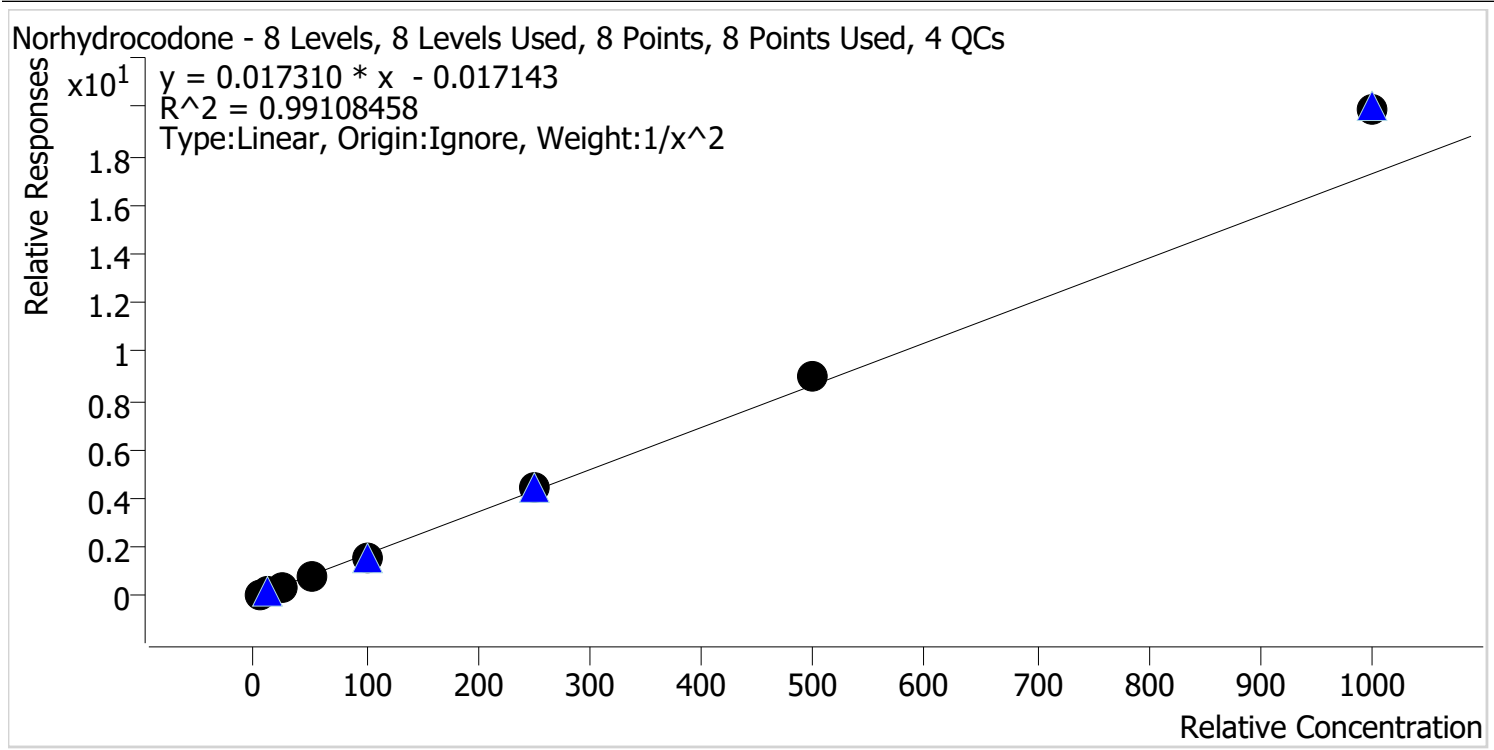


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.1
p1 Cal 2-10ng	2	✓	1.0	1.0	99.3
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.5
p1 Cal 4-50ng	4	✓	5.0	4.7	95.0
p1 Cal 5-100ng	5	✓	10.0	10.0	99.7
p1 Cal 6-250ng	6	✓	25.0	27.8	111.3
p1 Cal 7-500ng	7	✗	50.0	64.2	128.3
p1 Cal 8-1000ng	8	✗	100.0	180.7	180.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

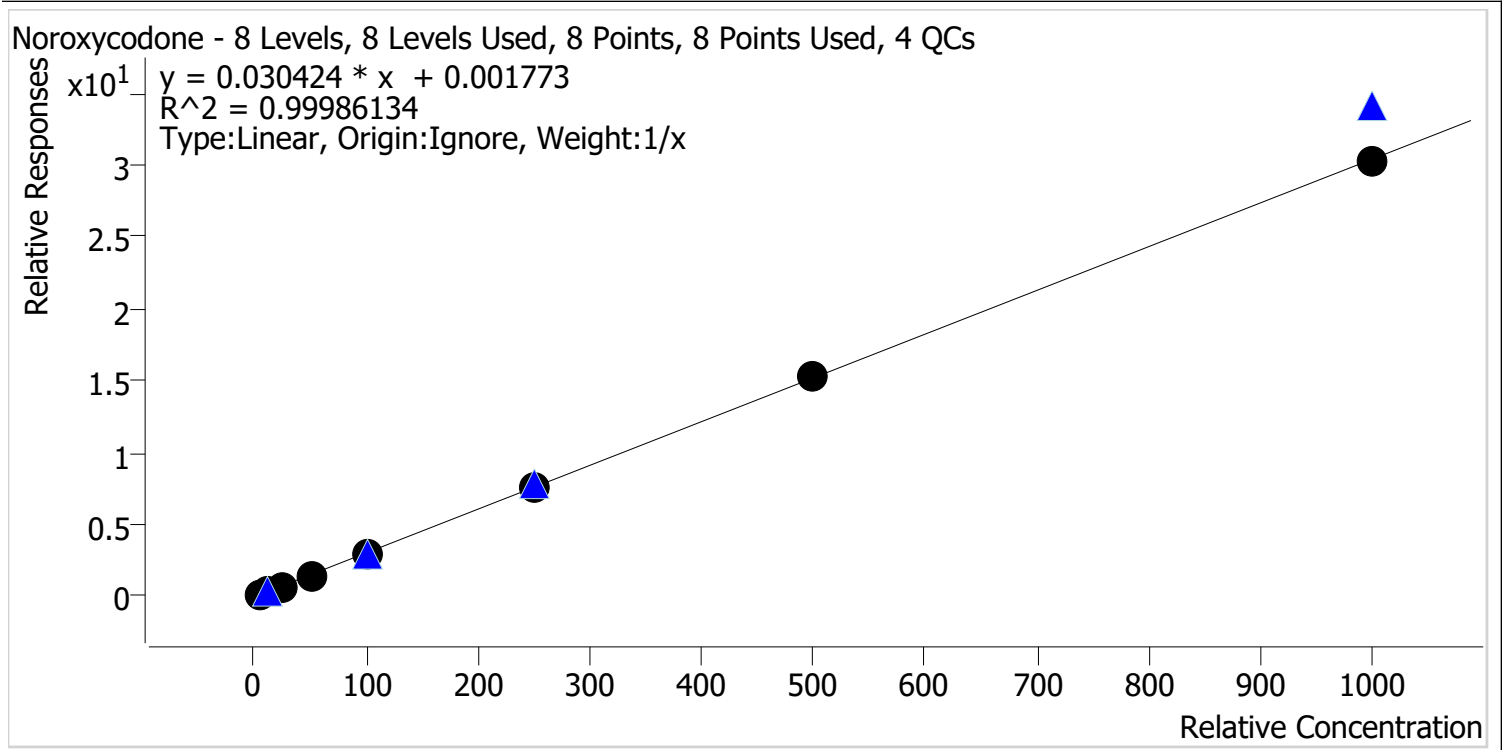


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.4
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.9
p1 Cal 4-50ng	4	✓	50.0	46.1	92.3
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	524.8	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1150.0	115.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

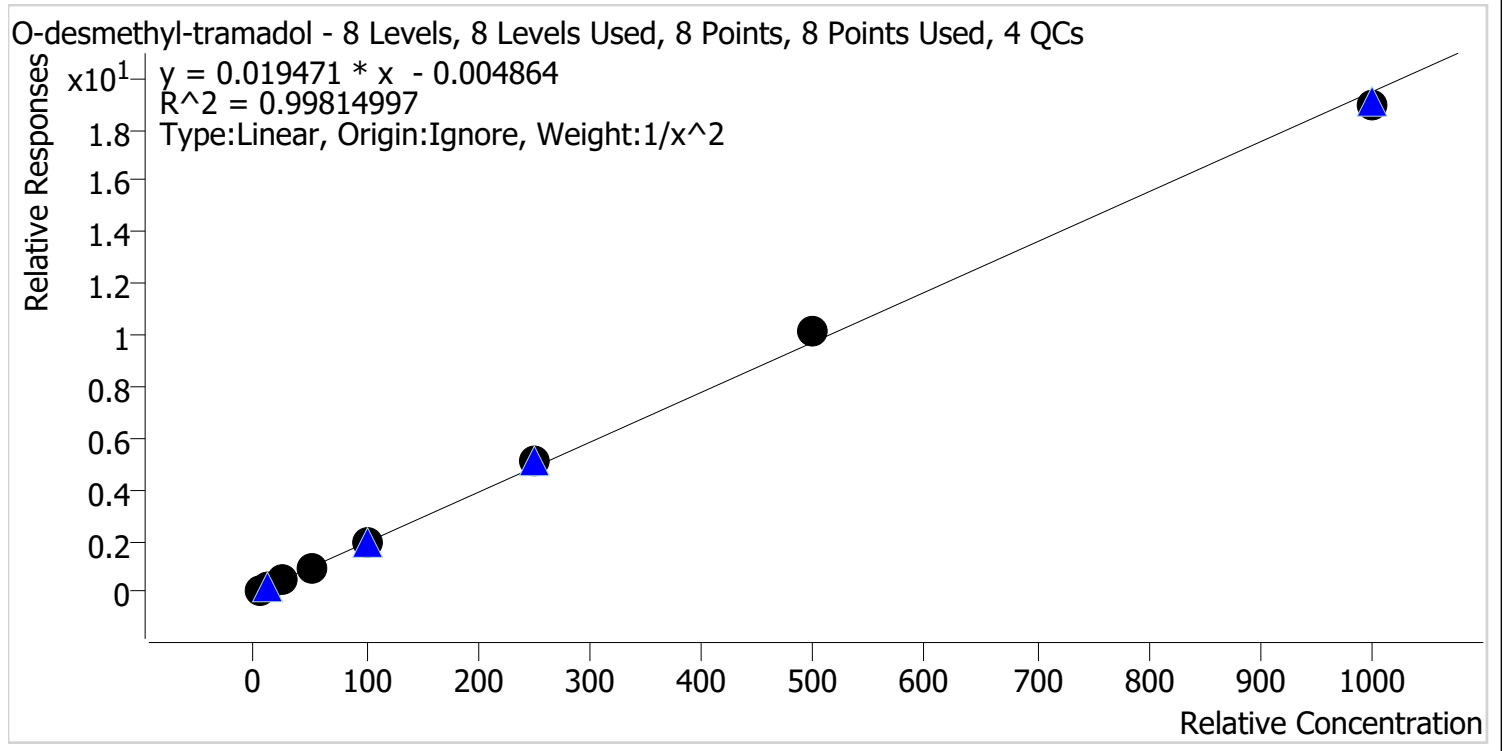


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	998.3	99.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



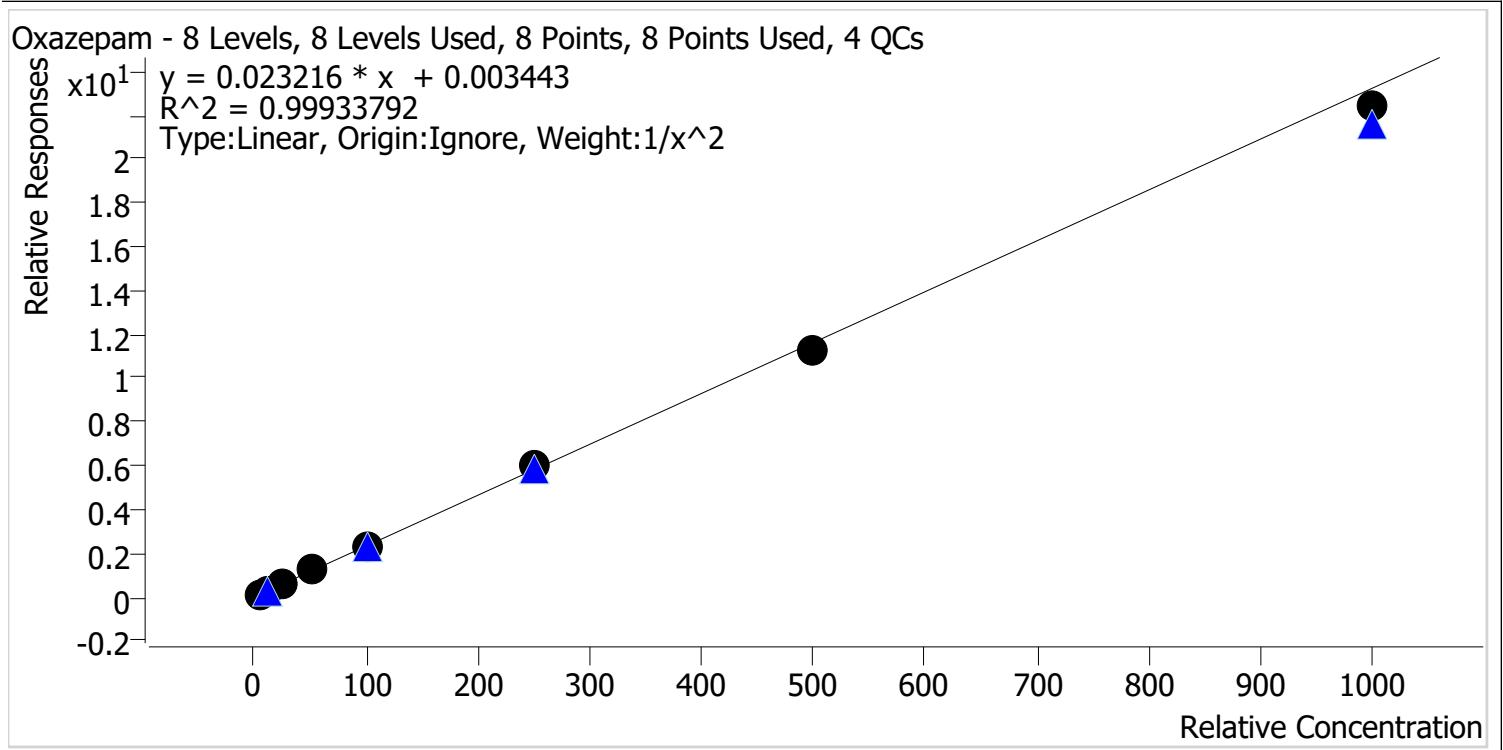
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	264.6	105.8
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	972.2	97.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

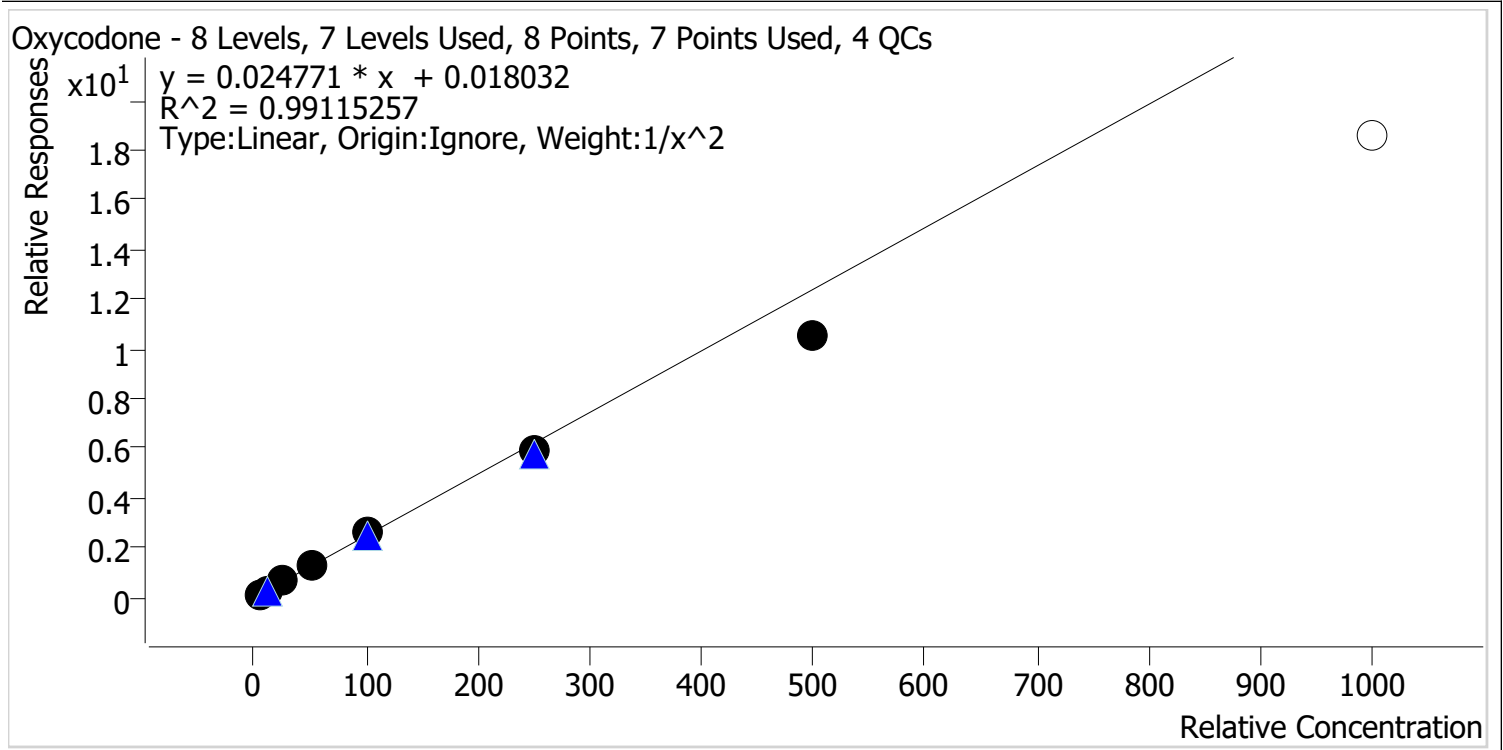


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	487.9	97.6
p1 Cal 8-1000ng	8	✓	1000.0	964.6	96.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

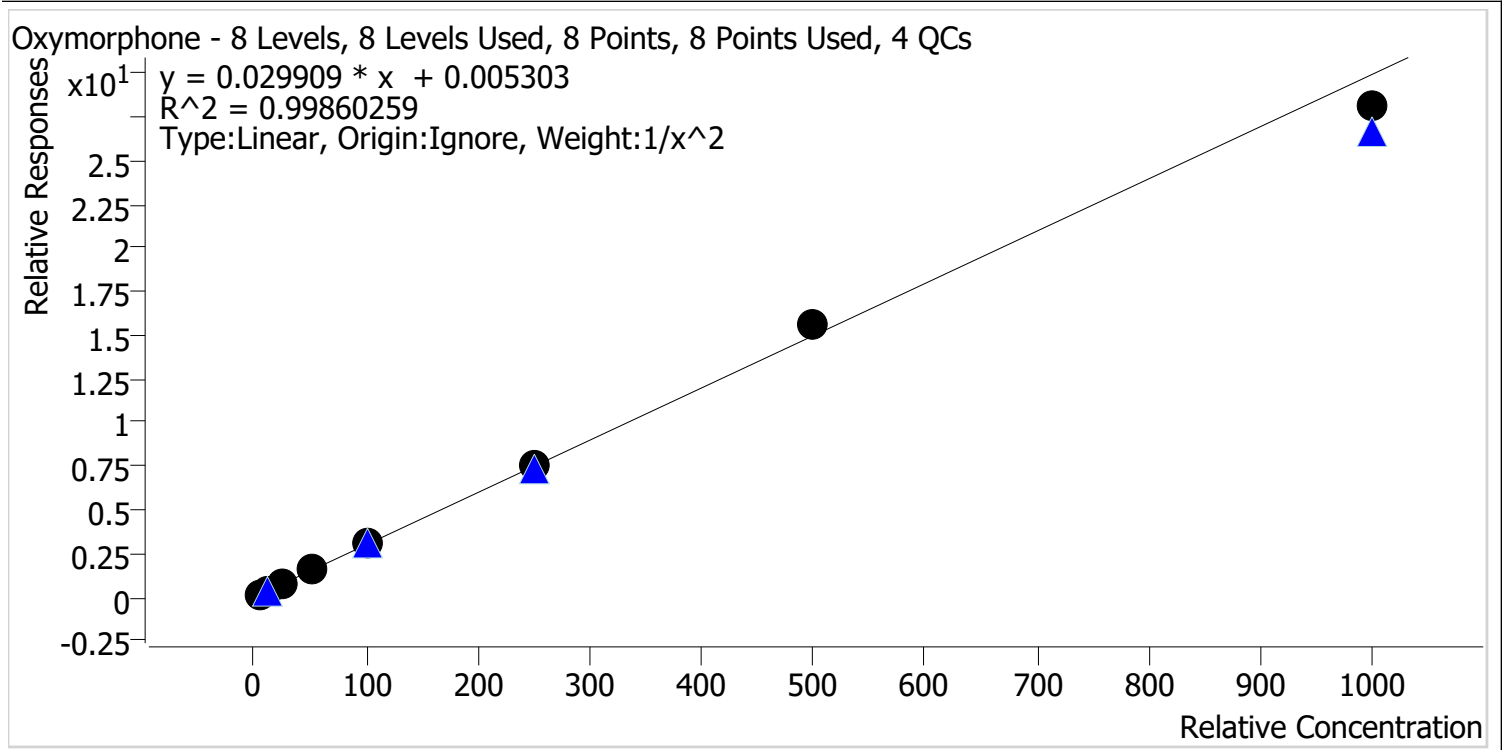


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	240.3	96.1
p1 Cal 7-500ng	7	✓	500.0	427.8	85.6
p1 Cal 8-1000ng	8	x	1000.0	748.1	74.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

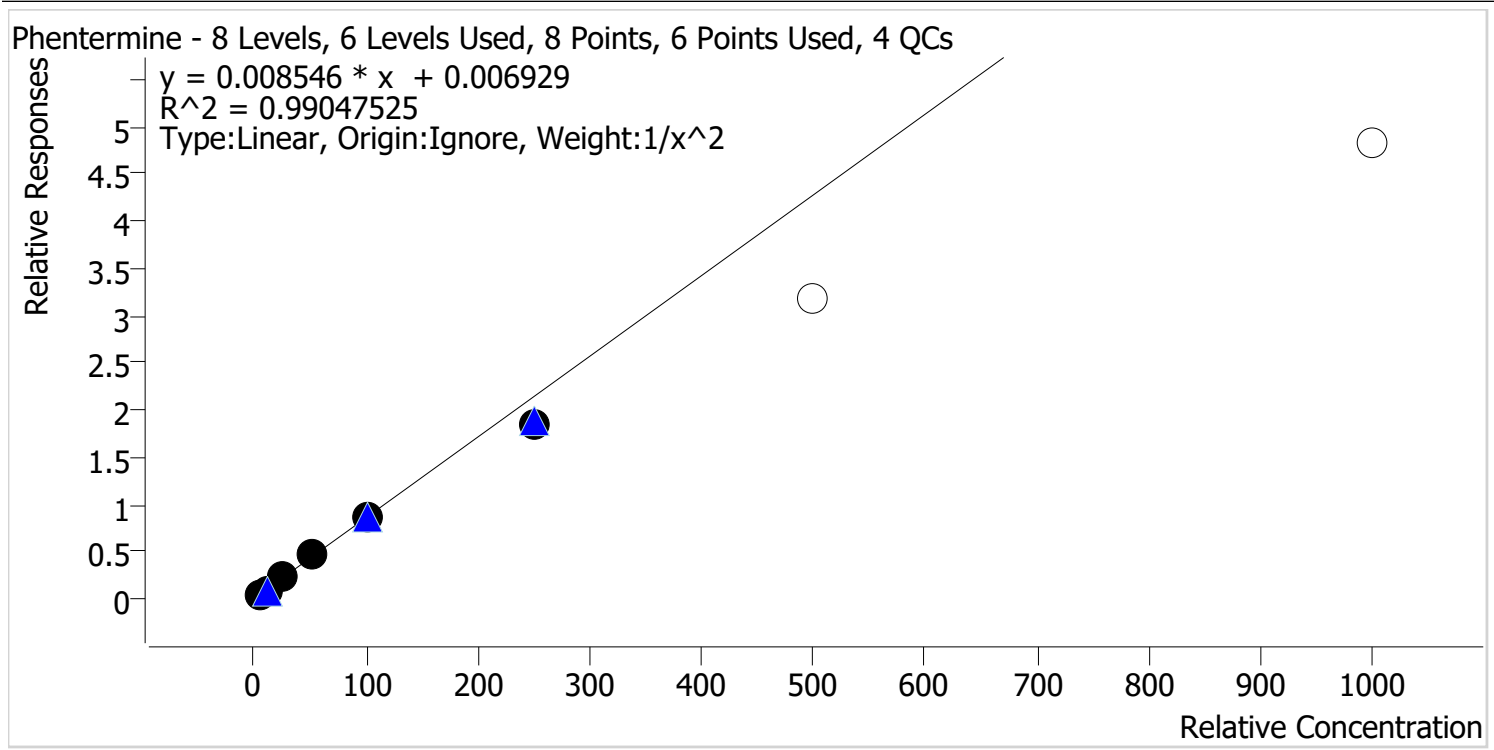


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
p1 Cal 8-1000ng	8	✓	1000.0	939.0	93.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



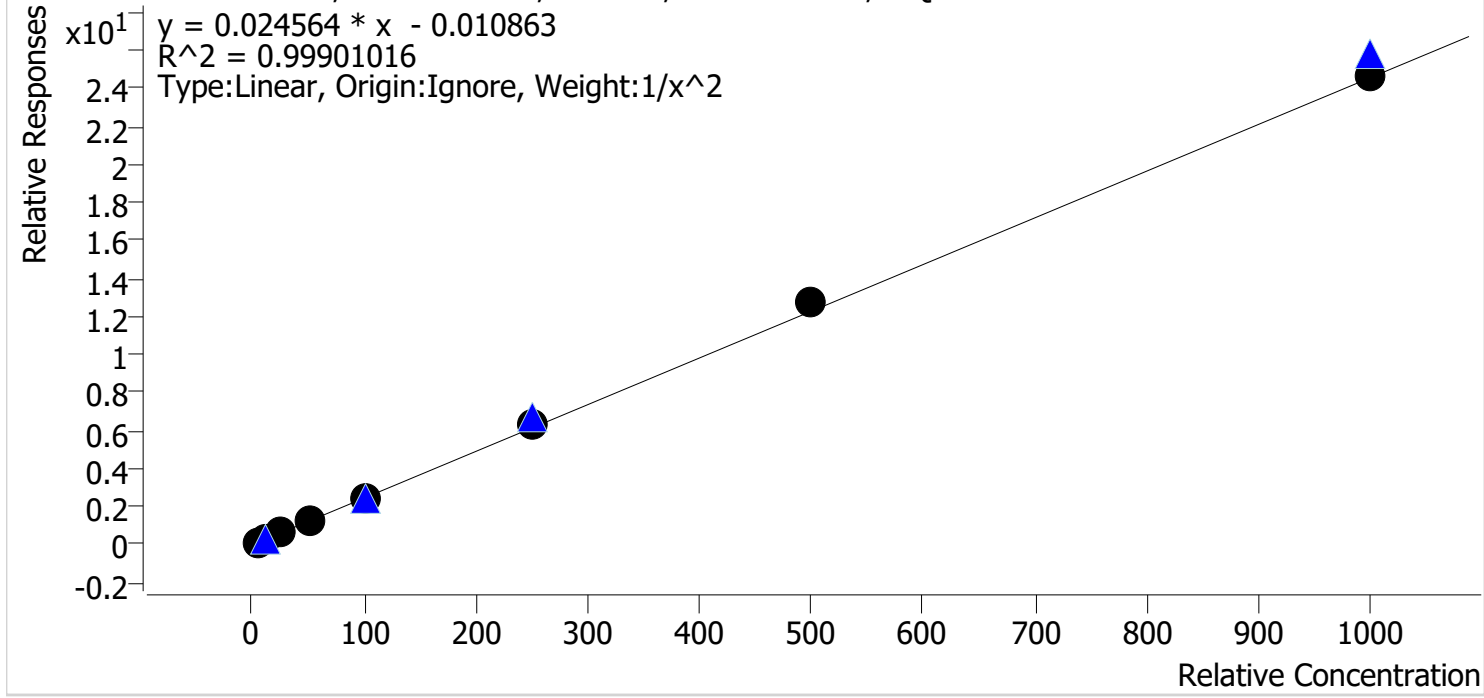
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	214.6	85.8
p1 Cal 7-500ng	7	✗	500.0	370.6	74.1
p1 Cal 8-1000ng	8	✗	1000.0	563.9	56.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

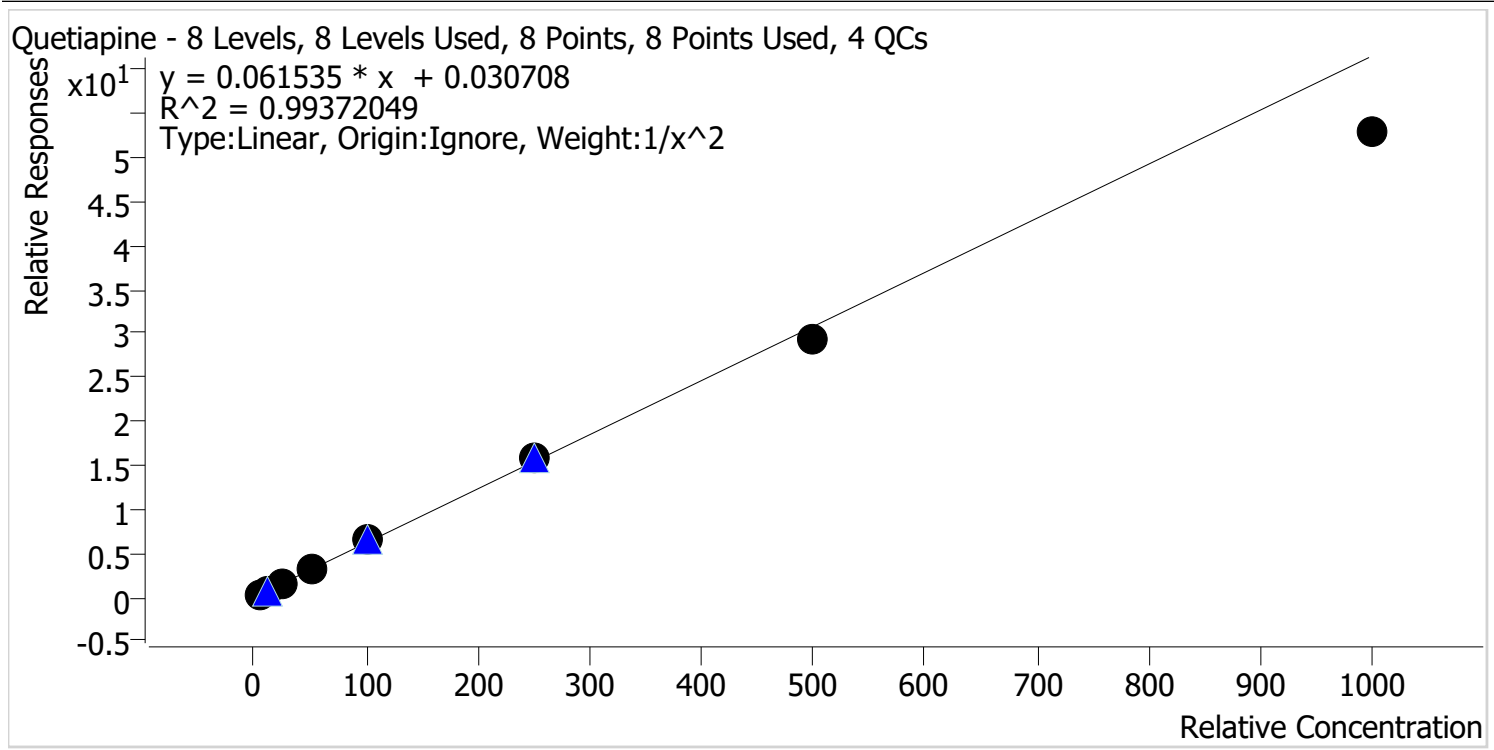


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	519.4	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1000.3	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

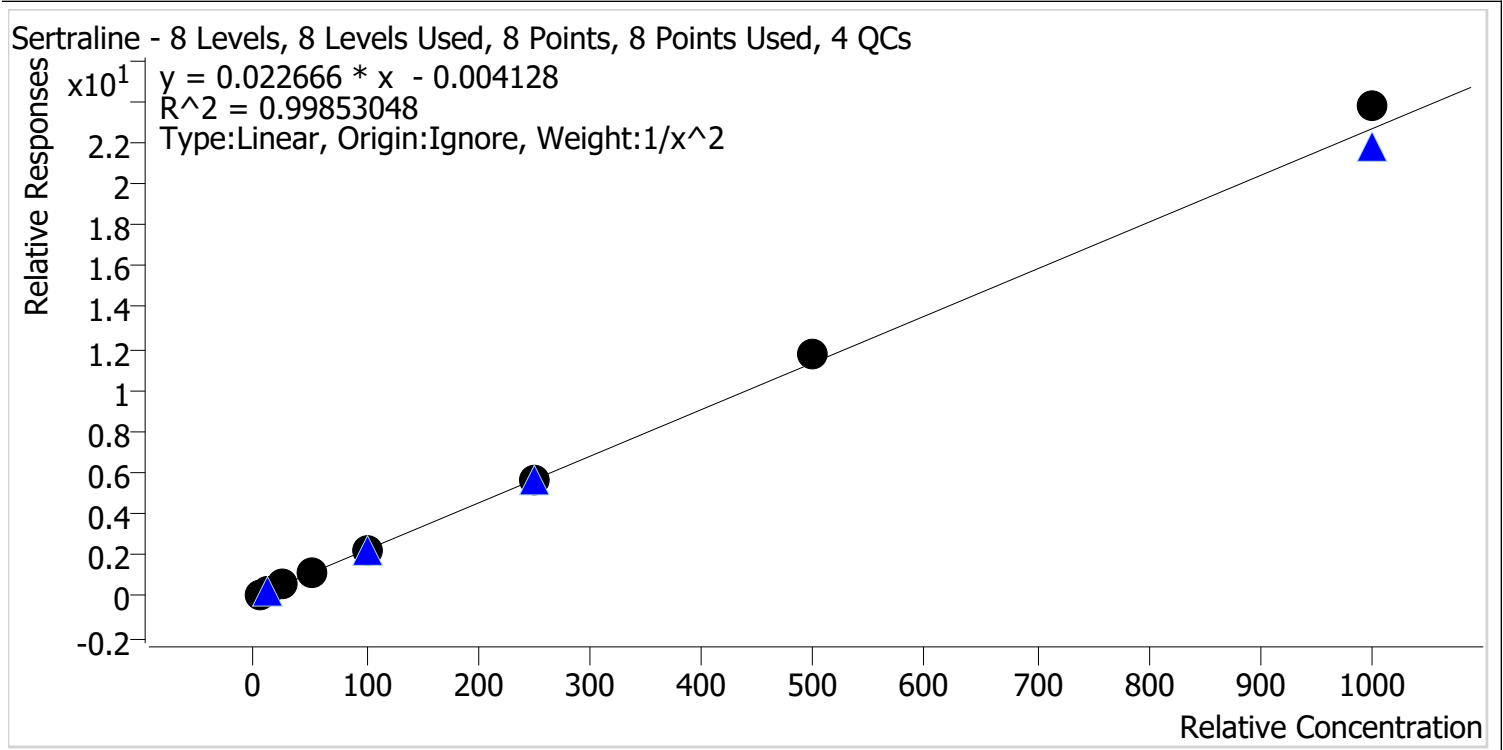


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	478.3	95.7
p1 Cal 8-1000ng	8	✓	1000.0	862.7	86.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

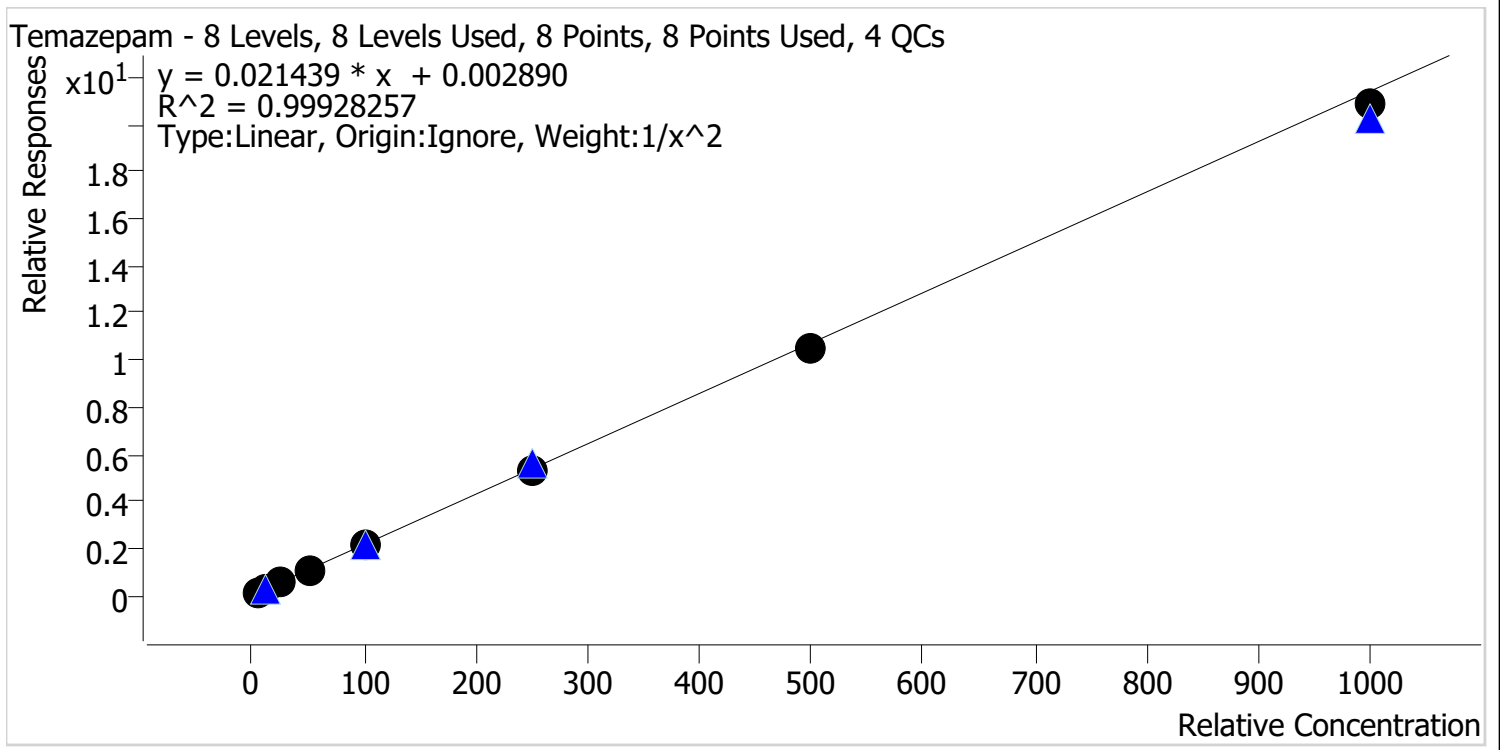


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1047.9	104.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

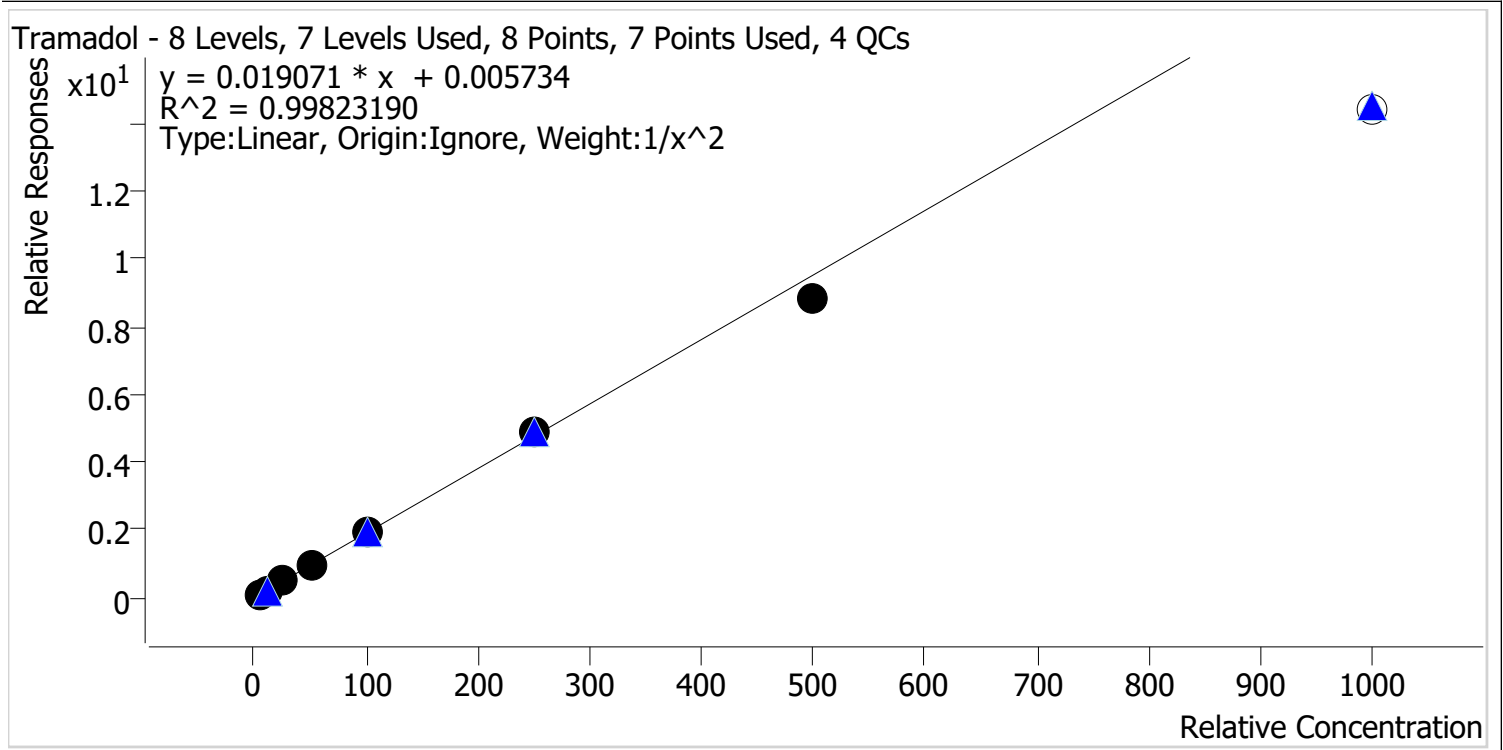


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	487.5	97.5
p1 Cal 8-1000ng	8	✓	1000.0	974.1	97.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

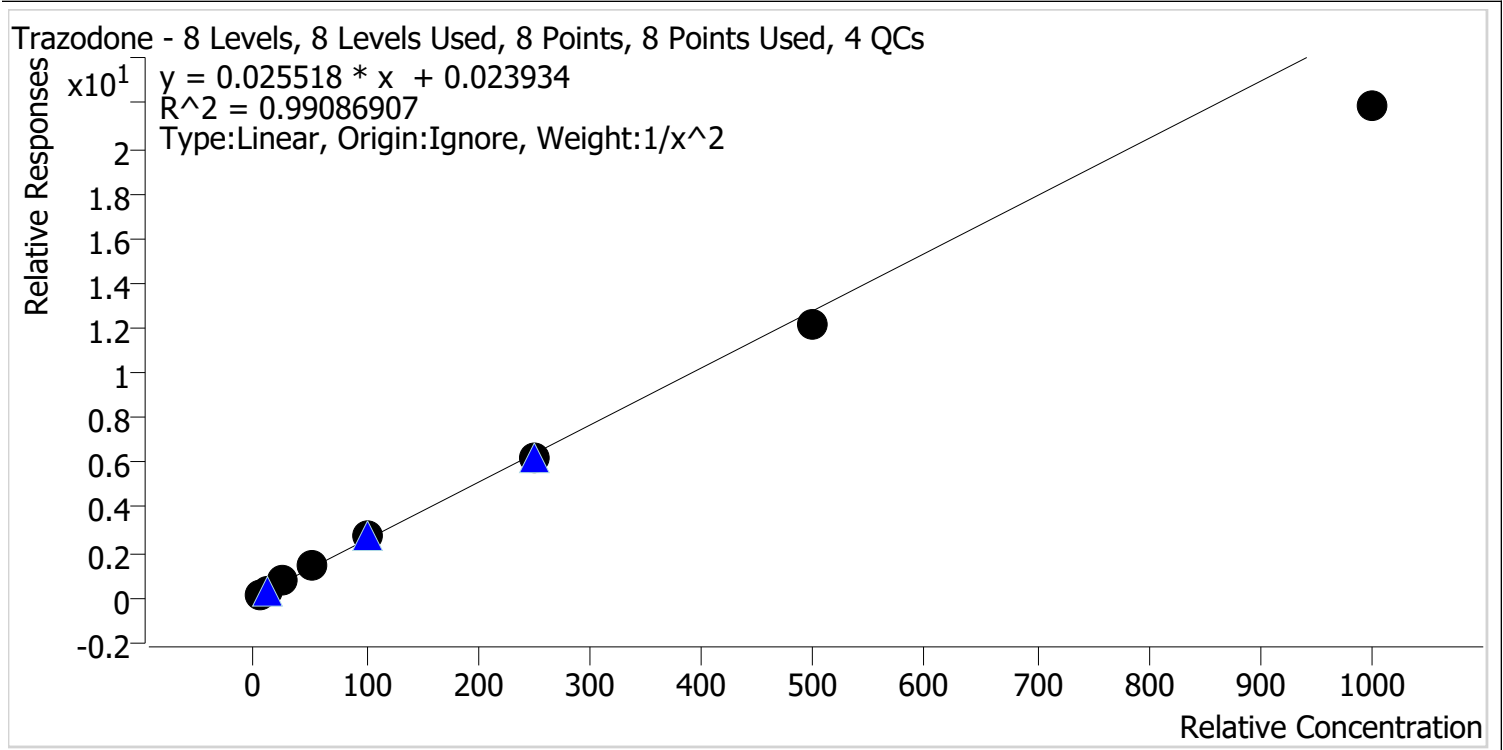


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	258.4	103.4
p1 Cal 7-500ng	7	✓	500.0	463.4	92.7
p1 Cal 8-1000ng	8	x	1000.0	755.8	75.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

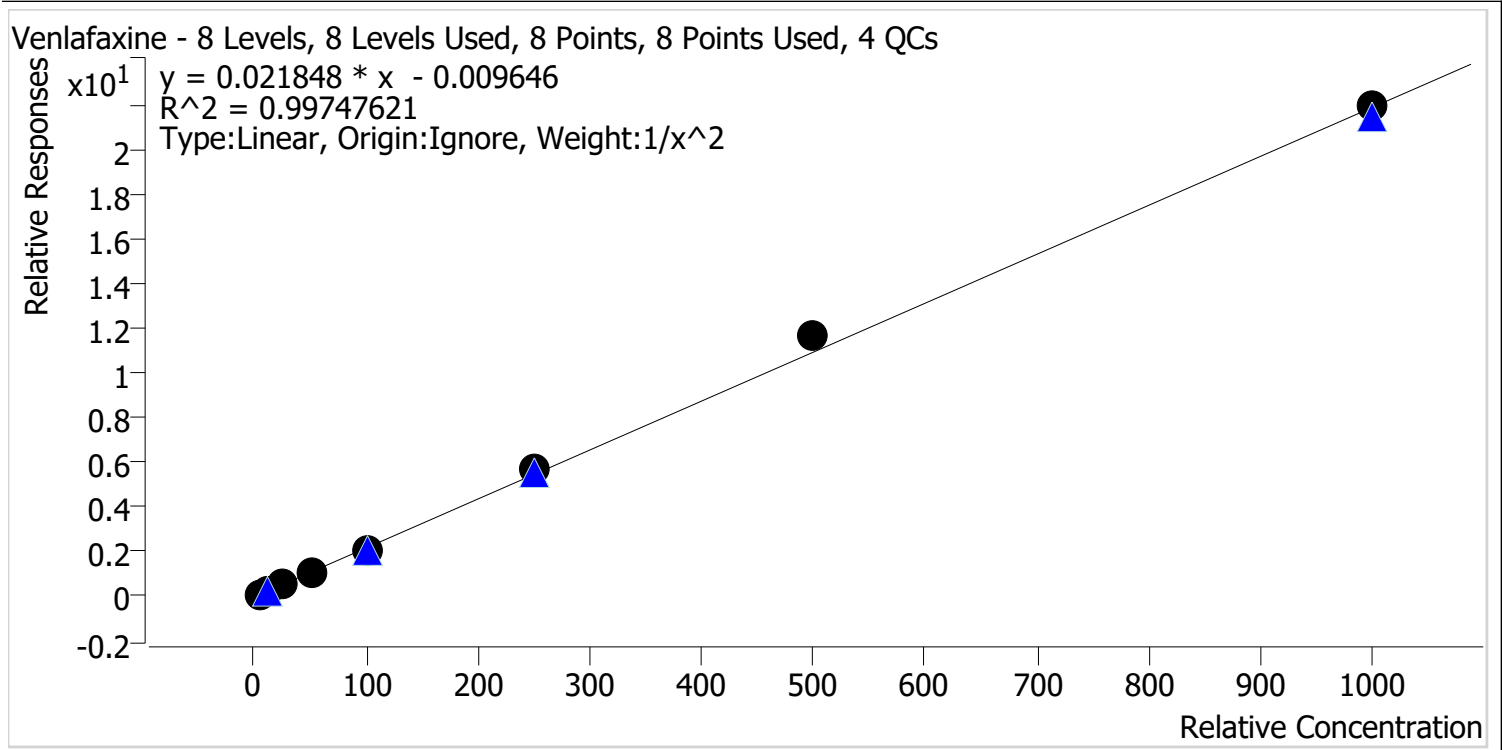


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.4
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	473.4	94.7
p1 Cal 8-1000ng	8	✓	1000.0	855.3	85.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

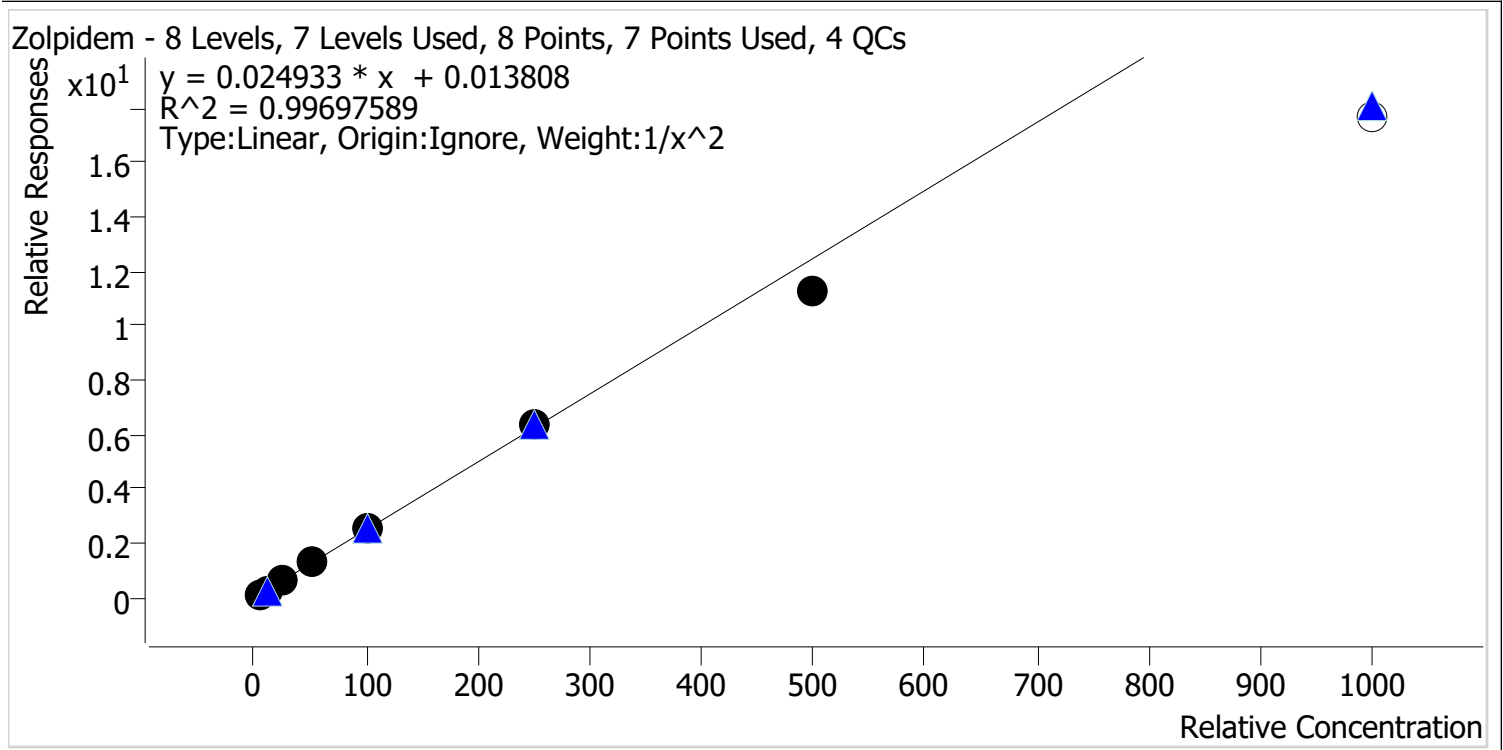


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	263.8	105.5
p1 Cal 7-500ng	7	✓	500.0	530.6	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1002.5	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 12/12/2022 11:32 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	450.9	90.2
p1 Cal 8-1000ng	8	x	1000.0	706.6	70.7

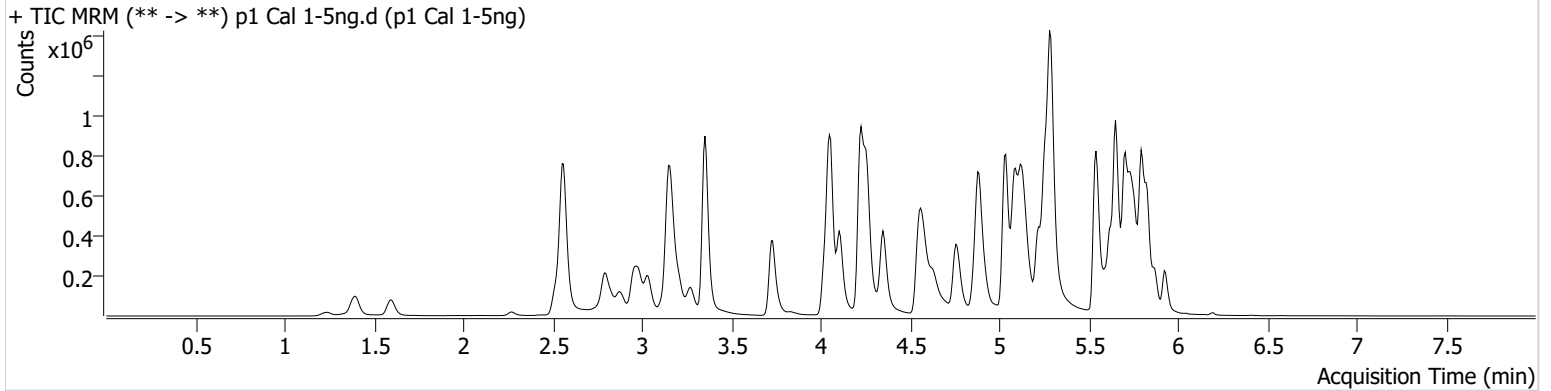
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	12/9/2022 10:40:46 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	1827	50.83	75.9	274.24	110440	0.4878 ng/ml
7-aminoclonazepam	4.244	15044	368.48	81.3	180.76	129824	4.2473 ng/ml
a-hydroxyalprazolam	5.681	20130	331.44	62.5	206.39	1245735	4.8344 ng/ml
alpha-PHP	4.928	32054	130.30	246.8	1042.32	889061	4.8379 ng/ml
alpha-PVP	4.357	121533	359.63	52.3	66.71	889061	5.0731 ng/ml
Alprazolam	5.758	63133	734.70	122.2	249.52	547054	5.0175 ng/ml
Amphetamine	3.037	204834	1053.38	49.5	675.88	622680	4.8733 ng/ml
Benzoylecgonine	3.864	2879	257.68	6.9	11.54	18462	5.1777 ng/ml
Buprenorphine	5.830	2846	523.78	16.5	553.81	221857	0.5239 ng/ml
Bupropion	4.778	120377	6665.77	65.9	136.69	786667	4.9254 ng/ml
Carisoprodol	5.713	70846	93900.15	63.8	216.28	569387	5.2165 ng/ml
Chlordiazepoxide	5.834	35170	1210.30	137.3	201.14	824693	4.7113 ng/ml
Chlorpheniramine	5.131	203190	1659.55	0.2	∞	1819073	5.0468 ng/ml
Citalopram	5.218	98398	128.68	38.6	371.58	763431	5.1081 ng/ml
Clonazepam	5.600	70121	351.34	35.5	524.04	182930	4.8132 ng/ml
Clonazolam	5.544	57720	1237.64	36.6	427.31	182930	4.8935 ng/ml
Cocaine	4.257	79826	7888.82	53.1	257.70	1379529	5.0527 ng/ml
Codeine	2.573	11157	279.88	101.8	3273.30	104934	4.8260 ng/ml
Cyclobenzaprine	5.624	94586	∞	7.3	9.18 Low	719351	5.1506 ng/ml
Dextromethorphan	5.268	58737	195.65	83.6	244.61	539759	4.9864 ng/ml
Dextrorphan	4.111	37065	802.02	208.4	3839.56	773856	5.1025 ng/ml
Diazepam	5.930	37498	1035.68	91.0	250.82	343559	4.9485 ng/ml
Dihydrocodeine	2.552	27267	11719.69	60.7	223.90	314673	4.6932 ng/ml
Diphenhydramine	5.289	272321	268.04	32.8	16207.08	2575566	5.1098 ng/ml
DMT	2.838	15213	167.46	118.2	793.47	539759	5.1651 ng/ml
Doxylamine	4.572	225954	561.96	98.9	549.37	2069477	5.0544 ng/ml
Duloxetine	5.643	6203	390.59	14.8	263.06	65336	4.7870 ng/ml
EDDP	5.254	128132	1214.16	43.5	146.43	1209814	5.1389 ng/ml
Etizolam	5.797	33817	53425.62	26.3	32371.41	182930	5.1941 ng/ml
Fentanyl	5.094	10430	144.07	68.8	20083.26	967022	0.4822 ng/ml
Flualprazolam	5.688	36762	753.94	91.0	25004.46	547054	4.8090 ng/ml
Fluorofentanyl	5.155	22853	138.79	40.9	1163.71	9229	0.5002 ng/ml
Fluoxetine	5.703	86957	4336.60	7.7	59.03	576319	5.2129 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	46554	80.05	33.5	63.23	428013	4.7811 ng/ml
Hydromorphone	1.602	33861	1744.97	80.1	142723.47	221066	4.9293 ng/ml
Hydroxyzine	5.700	109070	4115.18	74.2	1934.85	539759	5.1767 ng/ml
Ketamine	4.036	82332	348.75	37.0	73.39	638589	4.8719 ng/ml
Lamotrigine	4.267	8526	295.46	74.5	753.49	1942809	4.9115 ng/ml
Lorazepam	5.729	60190	596.87	46.0	22.61	704313	4.8117 ng/ml
MDA	3.184	149168	1083.74	34.1	85.41	883226	4.8106 ng/ml
MDMA	3.278	78770	2985.18	104.6	407.05	171932	5.0081 ng/ml
Meprobamate	4.888	55781	4278.56	27.4	453.58	519966	4.8308 ng/ml
Methadone	5.648	208090	7930.30	45.4	12970.88	1533223	5.0651 ng/ml
Methamphetamine	3.212	201781	1290.83	35.8	312.62	1476869	4.8259 ng/ml
Metoprolol	4.313	24408	14292.13	102.6	1197.99	1934947	4.8347 ng/ml
Mirtazapine	4.634	169355	1309.43	49.7	686.91	889061	5.0708 ng/ml
Mitragynine	5.229	42663	80024.67	36.5	914.83	1533223	4.8263 ng/ml
Morphine	1.240	5839	1037.12	51.4	189.39	20256	4.9948 ng/ml
Norbuprenorphine	4.990	567	432.88	91.3	539.49	33212	0.5275 ng/ml
Nordiazepam	5.877	44529	1345.28	61.3	699.28	270126	4.9458 ng/ml
Norfentanyl	4.071	19349	∞	41.5	24.88	1440453	0.5106 ng/ml
Norhydrocodone	3.054	9163	92.90	36.7	120.38	123713	5.2693 ng/ml
Noroxycodone	2.897	48199	384.93	42.7	595.62	300823	5.2080 ng/ml
O-desmethyl-tramadol	3.359	193710	6345.48	5.8	903.20	2038451	5.1303 ng/ml
o-desmethylvenlafaxine	4.056	252906	11555.33	20.1	396.91	449065	5.2406 ng/ml
Olanzapine	4.666	23088	116.05	49.4	382.40	127840	4.7189 ng/ml
Oxazepam	5.739	83321	143.31	74.5	48.00	704313	4.9473 ng/ml
Oxycodone	2.822	95498	890.43	27.4	447.66	700589	4.7749 ng/ml
Oxymorphone	1.398	48504	∞	42.6	260.36	309892	5.0558 ng/ml
Phentermine	3.760	50083	108.79	6.9	65.90	1039275	4.8281 ng/ml
Promethazine	5.541	148796	2352.95	32.9	369.73	1303099	5.0907 ng/ml
Pseudoephedrine	2.569	209118	648.70	18.4	283.53	1942809	5.2123 ng/ml
Quetiapine	5.557	117165	113.77	61.8	∞	360605	4.7811 ng/ml
Sertraline	5.772	23756	138.41	110.9	674.74	211144	5.1460 ng/ml
Temazepam	5.800	136097	465.28	26.2	141.09	1245735	4.9610 ng/ml
Tramadol	4.232	193984	∞	3.6	89.37	1934947	4.9562 ng/ml
Trazodone	5.141	128679	298195.88	67.0	8939.99	880870	4.7868 ng/ml
Venlafaxine	5.035	186679	16500.37	37.4	340.83	1830585	5.1091 ng/ml
Zolpidem	4.905	201560	1635.75	27.9	917.21	1477821	4.9165 ng/ml

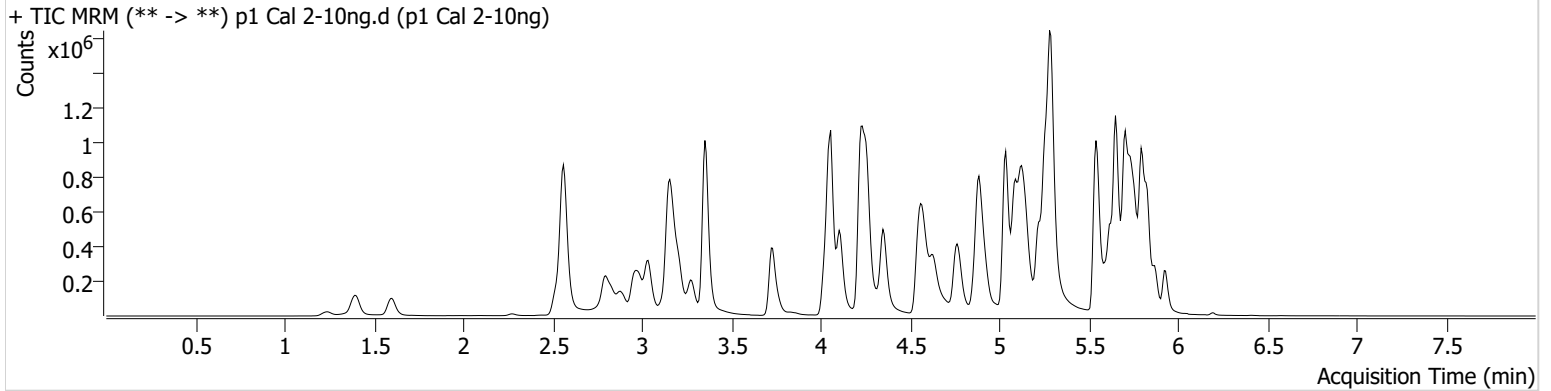
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	12/9/2022 10:51:34 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	4121	180.04	66.8	1887.24	113078	1.0449 ng/ml
7-aminoclonazepam	4.244	31155	940.31	84.8	817.18	136548	9.7513 ng/ml
a-hydroxyalprazolam	5.681	42804	396.68	64.1	297.30	1285454	10.4776 ng/ml
alpha-PHP	4.928	65652	691.97	246.4	1338.06	904953	10.2830 ng/ml
alpha-PVP	4.357	246670	4508.98	51.7	1378.91	904953	9.8921 ng/ml
Alprazolam	5.758	133057	562.84	119.2	5487.54	560745	10.0717 ng/ml
Amphetamine	3.037	416434	786.44	49.3	1411.78	641116	10.2837 ng/ml
Benzoylecgonine	3.864	5090	609.40	9.6	22.46	18626	9.2308 ng/ml
Buprenorphine	5.830	6036	209.37	18.5	1664.75	232649	0.9727 ng/ml
Bupropion	4.778	253051	4795.11	63.3	706.85	803654	10.2399 ng/ml
Carisoprodol	5.713	141974	327.22	64.7	116.94	570852	9.6042 ng/ml
Chlordiazepoxide	5.834	74237	2489.04	133.7	303.40	865443	10.6618 ng/ml
Chlorpheniramine	5.131	419861	2710.30	0.2	9.15	1866304	9.9704 ng/ml
Citalopram	5.218	200730	782.05	39.7	350.07	794677	9.7179 ng/ml
Clonazepam	5.600	143479	3109.30	34.8	773.98	193993	10.1510 ng/ml
Clonazolam	5.544	116460	5535.08	36.3	28560.15	193993	10.0941 ng/ml
Cocaine	4.257	161041	433.96	54.9	273.76	1420091	9.8413 ng/ml
Codeine	2.573	20824	1994.78	107.9	13621.41	108338	10.0414 ng/ml
Cyclobenzaprine	5.624	195684	9985.64	6.9	153.30	747334	9.7362 ng/ml
Dextromethorphan	5.268	124104	2430.98	78.6	3309.54	549989	10.1700 ng/ml
Dextrorphan	4.111	75939	690.62	208.3	5632.58	798365	9.8354 ng/ml
Diazepam	5.930	77690	204.04	88.2	539.60	349557	10.0857 ng/ml
Dihydrocodeine	2.552	56366	287.23	58.9	467.98	324481	10.6281 ng/ml
Diphenhydramine	5.289	555845	6990.93	32.8	211.99	2680456	9.7479 ng/ml
DMT	2.845	31741	1283.36	115.5	2319.87	549989	9.8652 ng/ml
Doxylamine	4.572	471930	269.54	98.3	10119.25	2158966	9.9000 ng/ml
Duloxetine	5.643	14855	367.67	15.7	434.91	70169	10.7109 ng/ml
EDDP	5.254	268452	183.36	44.2	524.64	1310191	9.7278 ng/ml
Etizolam	5.797	69848	115768.34	25.7	3187.10	193993	9.6120 ng/ml
Fentanyl	5.094	21056	533.39	70.0	∞	967324	1.0370 ng/ml
Flualprazolam	5.688	75647	1545.63	91.4	2751.63	560745	10.4772 ng/ml
Fluorofentanyl	5.155	45719	151.46	42.6	684.09	8186	1.0456 ng/ml
Fluoxetine	5.703	182639	6698.92	7.7	45366.52	619407	9.5670 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	95854	142.88	34.0	602.84	455284	10.3552 ng/ml
Hydromorphone	1.609	76595	2007.72	73.5	692.35	230610	10.3047 ng/ml
Hydroxyzine	5.700	229856	4885.21	74.3	2434.15	549989	9.8069 ng/ml
Ketamine	4.036	162448	4658.91	37.1	363.17	650740	10.2187 ng/ml
Lamotrigine	4.267	16835	478.42	78.4	3001.23	1996253	10.1234 ng/ml
Lorazepam	5.729	118995	783.80	51.4	61.80	718661	10.4140 ng/ml
MDA	3.184	297463	812.02	34.3	218.58	903006	10.3561 ng/ml
MDMA	3.278	158848	3272.53	106.8	1210.90	177605	9.8991 ng/ml
Meprobamate	4.888	113233	366.72	27.6	119.00	523036	10.5901 ng/ml
Methadone	5.655	419899	668.04	45.5	520.78	1572787	9.8144 ng/ml
Methamphetamine	3.212	395064	1010.19	36.9	576.21	1507883	10.3036 ng/ml
Metoprolol	4.320	50360	966.56	102.4	868.33	1976112	10.3534 ng/ml
Mirtazapine	4.634	347032	1917.67	49.6	7689.69	904953	9.8628 ng/ml
Mitragynine	5.229	88127	38069.71	36.6	23990.37	1572787	10.3623 ng/ml
Morphine	1.247	11775	1150.29	55.0	303.65	21126	10.0372 ng/ml
Norbuprenorphine	4.990	971	663.95	102.2	273.63	35760	0.9768 ng/ml
Nordiazepam	5.877	93503	763.27	60.3	1527.79	284983	10.0927 ng/ml
Norfentanyl	4.071	40896	398.17	39.5	6.28 Low	1462150	0.9932 ng/ml
Norhydrocodone	3.054	18249	86.35	38.8	129.84	124510	9.4577 ng/ml
Noroxycodone	2.897	97023	5145.76	43.7	575.85	311331	10.1849 ng/ml
O-desmethyl-tramadol	3.359	389510	17812.62	5.9	295.94	2135421	9.6178 ng/ml
o-desmethylvenlafaxine	4.056	520664	21864.92	19.9	1132.83	462674	9.6051 ng/ml
Olanzapine	4.645	58332	1943.28	54.7	271.91	130097	10.7263 ng/ml
Oxazepam	5.739	171512	4126.15	73.2	751.93	718661	10.1313 ng/ml
Oxycodone	2.822	200171	541.05	27.1	354.98	721588	10.4708 ng/ml
Oxymorphone	1.398	97359	4037.98	42.1	425.78	328974	9.7175 ng/ml
Phentermine	3.760	102400	378.13	7.0	305.97	1077408	10.3106 ng/ml
Promethazine	5.541	313250	439.49	33.1	2774.83	1364916	9.7852 ng/ml
Pseudoephedrine	2.569	419190	631.41	18.8	231.71	1996253	9.5946 ng/ml
Quetiapine	5.550	251287	335.06	58.8	125588.88	369894	10.5410 ng/ml
Sertraline	5.772	49049	888.81	115.7	4133.66	229521	9.6104 ng/ml
Temazepam	5.800	278416	2852.37	27.4	94.82	1285454	9.9678 ng/ml
Tramadol	4.232	389810	∞	3.3	20.45	1976112	10.0430 ng/ml
Trazodone	5.141	267843	223401.79	66.3	726.40	939038	10.2398 ng/ml
Venlafaxine	5.035	387281	9427.47	36.6	7418.68	1885440	9.8432 ng/ml
Zolpidem	4.905	408444	1825.39	27.8	1851.11	1529854	10.1542 ng/ml

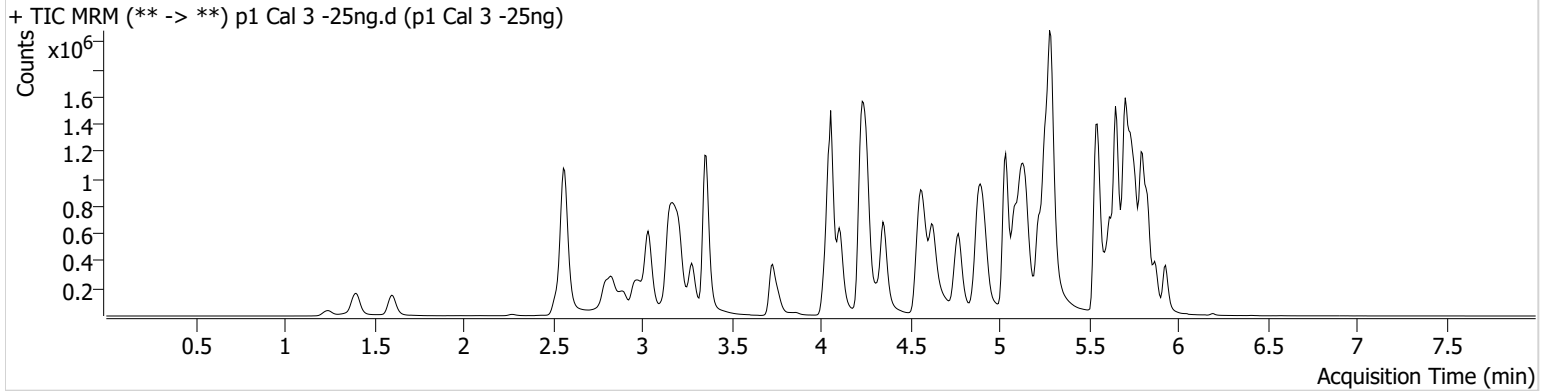


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument Falco (069901) Data File p1 Cal 3 -25ng.d
Type Cal Sample p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-F12 Comment
Injection Volume 2
Acq. Date-Time 12/9/2022 11:02:11 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	9817	398.35	67.1	270.44	108928	2.5473 ng/ml
7-aminoclonazepam	4.244	68603	137.28	81.1	77.56	119504	26.7072 ng/ml
a-hydroxyalprazolam	5.681	93617	1504.95	66.2	918.99	1167302	25.9194 ng/ml
alpha-PHP	4.928	155235	1935.68	244.8	2459.72	856594	26.4977 ng/ml
alpha-PVP	4.357	584553	830.23	52.4	777.88	856594	24.4272 ng/ml
Alprazolam	5.758	311925	1409.77	120.6	656.39	541053	24.1389 ng/ml
Amphetamine	3.037	998783	7473.68	47.0	3808.90	613298	26.8057 ng/ml
Benzoylecgonine	3.864	13167	1411.46	8.8	568.51	17906	25.1980 ng/ml
Buprenorphine	5.830	13909	426.53	18.3	2770.69	222841	2.2210 ng/ml
Bupropion	4.778	597398	11018.22	65.2	2873.47	778947	25.0830 ng/ml
Carisoprodol	5.713	322911	9148.91	64.6	180.86	510787	23.1430 ng/ml
Chlordiazepoxide	5.834	168572	3727.88	141.5	1241.61	822699	27.0955 ng/ml
Chlorpheniramine	5.124	1023655	1685.76	0.3	25.85	1772449	25.2959 ng/ml
Citalopram	5.218	478543	9902.20	39.1	340.93	739423	24.4224 ng/ml
Clonazepam	5.600	337079	15402.65	34.5	65135.63	179308	27.2342 ng/ml
Clonazolam	5.544	267264	9269.21	37.6	99177.82	179308	26.3492 ng/ml
Cocaine	4.257	385179	24672.72	53.1	574.06	1332165	24.9936 ng/ml
Codeine	2.573	50069	∞	95.2	3792.11	103548	27.7322 ng/ml
Cyclobenzaprine	5.624	474253	12674.90	6.8	23.71	721102	23.6607 ng/ml
Dextromethorphan	5.268	291085	3022.11	79.9	347.23	530639	24.4972 ng/ml
Dextrorphan	4.111	178946	757.28	210.1	1395.60	764354	23.7670 ng/ml
Diazepam	5.930	190870	3950.81	89.5	854.66	341598	25.3691 ng/ml
Dihydrocodeine	2.552	131226	1024.83	60.4	70.27	313910	27.2843 ng/ml
Diphenhydramine	5.289	1320597	32178.17	32.5	204.27	2519715	24.2019 ng/ml
DMT	2.845	73832	738.66	116.5	1562.16	530639	22.8266 ng/ml
Doxylamine	4.565	1133013	326.41	98.4	2373.12	2094609	24.1757 ng/ml
Duloxetine	5.643	32383	1999.23	14.3	134.28	63522	25.8342 ng/ml
EDDP	5.254	639235	708.43	43.3	361.71	1253816	23.8649 ng/ml
Etizolam	5.797	162004	4876.37	25.9	83746.33	179308	23.3165 ng/ml
Fentanyl	5.094	50991	583.99	71.6	18635.80	961838	2.6156 ng/ml
Flualprazolam	5.688	175668	9234.58	92.7	44574.07	541053	26.3655 ng/ml
Fluorofentanyl	5.155	110377	433.64	42.1	562.31	8737	2.2820 ng/ml
Fluoxetine	5.703	403631	8787.50	8.0	77886.27	545899	23.0099 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	216468	∞	34.4	167.85	424964	26.7230 ng/ml
Hydromorphone	1.609	182737	54113.25	73.7	3201.44	221629	25.0937 ng/ml
Hydroxyzine	5.700	545258	7773.18	75.7	2014.41	530639	22.8836 ng/ml
Ketamine	4.036	383934	824.38	37.6	1449.40	627088	26.2807 ng/ml
Lamotrigine	4.267	39096	891.33	81.2	1149.57	1894792	25.8439 ng/ml
Lorazepam	5.729	263526	2091.73	52.6	735.25	661092	26.7093 ng/ml
MDA	3.184	688569	3281.12	34.1	463.26	841244	27.2526 ng/ml
MDMA	3.278	381219	4070.15	105.4	2165.21	168053	25.3042 ng/ml
Meprobamate	4.888	257737	4726.11	27.7	921.63	509739	25.8373 ng/ml
Methadone	5.655	1011302	737.25	44.6	22598.52	1493690	24.6519 ng/ml
Methamphetamine	3.212	920863	11377.94	36.9	1290.08	1452903	26.5486 ng/ml
Metoprolol	4.313	119087	3793.92	103.3	3493.98	1872617	26.6946 ng/ml
Mirtazapine	4.627	838751	690.96	49.3	1859.45	856594	24.6539 ng/ml
Mitragynine	5.229	205929	15538.45	38.1	2358.97	1493690	26.4235 ng/ml
Morphine	1.247	28481	636.00	55.5	211.65	21717	24.1653 ng/ml
Norbuprenorphine	4.983	2045	454.67	98.8	9109.15	33896	2.4524 ng/ml
Nordiazepam	5.877	220127	864.35	59.8	704.13	270206	25.4327 ng/ml
Norfentanyl	4.071	93746	5308.59	38.3	338.88	1383978	2.3133 ng/ml
Norhydrocodone	3.060	40687	217.84	38.9	136.03	108197	22.7147 ng/ml
Noroxycodone	2.904	214186	602.97	44.9	1184.99	291005	24.1337 ng/ml
O-desmethyl-tramadol	3.359	954711	8167.79	5.7	758.91	2033065	24.3674 ng/ml
o-desmethylvenlafaxine	4.056	1237339	40262.01	19.9	1630.77	441629	22.6208 ng/ml
Olanzapine	4.618	158658	1152.54	42.6	224.39	137420	26.5688 ng/ml
Oxazepam	5.739	388899	3345.15	71.3	1051.24	661092	25.1904 ng/ml
Oxycodone	2.822	469854	1215.60	27.0	1068.30	687263	26.8713 ng/ml
Oxymorphone	1.398	228412	∞	43.8	∞	304871	24.8719 ng/ml
Phentermine	3.767	238915	513.19	7.1	76.21	1009760	26.8755 ng/ml
Promethazine	5.541	762644	419.23	31.4	474.35	1300791	24.3101 ng/ml
Pseudoephedrine	2.569	998968	724.52	18.6	1418.61	1894792	23.1772 ng/ml
Quetiapine	5.557	592219	19679.09	61.3	45613.90	359356	26.2826 ng/ml
Sertraline	5.772	110405	559.20	109.5	403.71	204723	23.9751 ng/ml
Temazepam	5.800	650041	609.97	26.1	590.83	1167302	25.8401 ng/ml
Tramadol	4.232	929525	451.57	3.6	109.38	1872617	25.7277 ng/ml
Trazodone	5.141	640539	638.22	67.5	799.04	879334	27.6084 ng/ml
Venlafaxine	5.035	916844	14047.30	37.5	2652.75	1788632	23.9035 ng/ml
Zolpidem	4.905	956083	70188.07	28.0	1425.44	1467147	25.5828 ng/ml

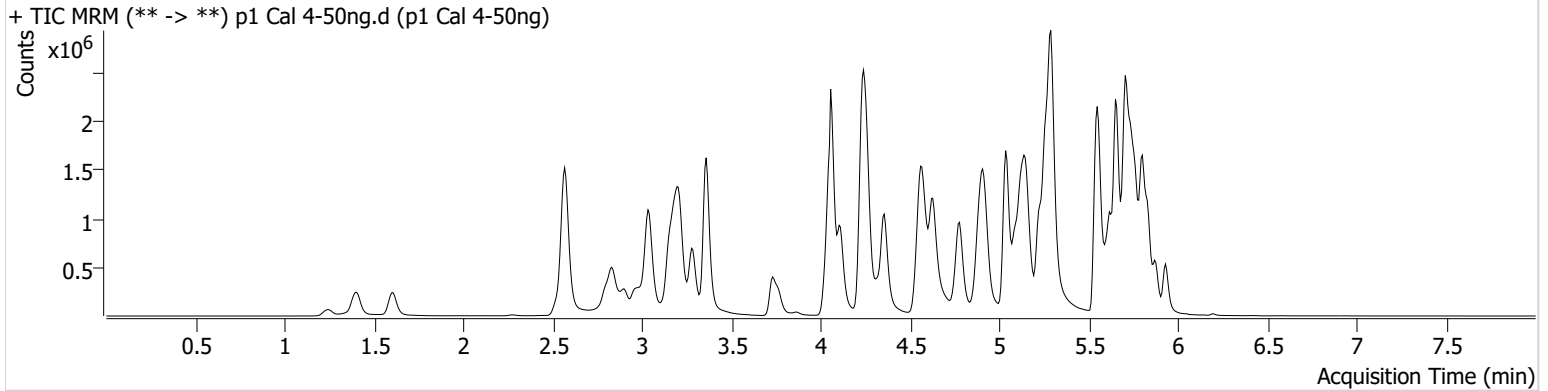


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument Falco (069901) Data File p1 Cal 4-50ng.d
Type Cal Sample p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-E12 Comment
Injection Volume 2
Acq. Date-Time 12/9/2022 11:12:49 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	19428	2125.60	72.1	1289.99	111401	4.9062 ng/ml
7-aminoclonazepam	4.244	153012	270.63	81.2	1599.49	135880	53.7673 ng/ml
a-hydroxyalprazolam	5.681	173674	491.73	64.7	514.05	1108840	51.0827 ng/ml
alpha-PHP	4.928	315194	4995.43	244.7	37068.12	887318	52.4587 ng/ml
alpha-PVP	4.357	1190735	952.16	52.4	524.83	887318	47.8178 ng/ml
Alprazolam	5.758	603780	2381.86	118.0	2475.58	505688	49.7439 ng/ml
Amphetamine	3.037	1910413	432.67	46.8	474.77	630270	50.4758 ng/ml
Benzoylcegonine	3.864	27200	353.77	8.2	304.50	18578	50.3786 ng/ml
Buprenorphine	5.830	28088	30359.30	17.9	14026.01	220890	4.4366 ng/ml
Bupropion	4.778	1214913	4660.04	65.3	518.17	788818	50.4721 ng/ml
Carisoprodol	5.713	589135	507.26	62.7	742.46	463765	45.6729 ng/ml
Chlordiazepoxide	5.834	323769	5722.84	141.6	2443.36	812796	53.7816 ng/ml
Chlorpheniramine	5.124	2051186	12564.29	0.3	50.25	1809062	49.4774 ng/ml
Citalopram	5.218	952641	16760.89	39.7	312.78	739983	48.2794 ng/ml
Clonazepam	5.600	641035	1624.33	34.9	38638.29	172277	54.8165 ng/ml
Clonazolam	5.544	511458	86033.68	36.2	119095.02	172277	53.3432 ng/ml
Cocaine	4.257	770944	24891.18	53.8	70451.47	1365559	48.7413 ng/ml
Codeine	2.580	96981	1347.21	101.6	13418.64	104216	54.8801 ng/ml
Cyclobenzaprine	5.624	947701	15180.82	7.1	263.52	712807	47.2951 ng/ml
Dextromethorphan	5.268	567751	627.89	78.7	242.31	518194	48.7709 ng/ml
Dextrorphan	4.111	369345	716.42	209.6	612.59	760610	48.9725 ng/ml
Diazepam	5.930	369745	725.78	88.1	615.57	328207	51.1577 ng/ml
Dihydrocodeine	2.552	265965	475.58	59.1	398.88	314943	56.3560 ng/ml
Diphenhydramine	5.289	2656934	61442.51	32.3	26399.44	2545014	47.9257 ng/ml
DMT	2.845	146323	4633.35	120.8	13425.35	518194	45.6263 ng/ml
Doxylamine	4.565	2355276	37451.16	96.8	2877.21	2125631	49.2930 ng/ml
Duloxetine	5.643	63967	1187.22	15.4	644.95	64701	50.1280 ng/ml
EDDP	5.261	1280448	4968.61	43.2	14529.89	1249770	47.7275 ng/ml
Etizolam	5.797	312954	1654.34	26.4	110173.59	172277	46.3428 ng/ml
Fentanyl	5.101	101990	1444.60	70.1	88.49	976413	5.2144 ng/ml
Flualprazolam	5.688	324316	4132.47	95.1	51817.34	505688	52.8765 ng/ml
Fluorofentanyl	5.155	220005	502.51	41.4	29533.39	8278	4.7277 ng/ml
Fluoxetine	5.703	795638	41584.67	7.7	44771.26	513565	47.5009 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	439826	159.89	34.4	261.04	422076	55.8981 ng/ml
Hydromorphone	1.609	368704	2578.23	72.8	7335.85	225761	49.3819 ng/ml
Hydroxyzine	5.700	1079590	8300.88	75.2	13478.93	518194	45.5315 ng/ml
Ketamine	4.036	771873	12482.92	37.2	464.19	645103	52.1606 ng/ml
Lamotrigine	4.267	76869	5725.65	80.0	20355.35	1879538	51.9554 ng/ml
Lorazepam	5.729	455150	1503.02	50.5	1069.34	587304	53.0257 ng/ml
MDA	3.184	1285690	6738.29	34.6	379.81	835194	52.1562 ng/ml
MDMA	3.285	763608	7539.65	105.3	4309.90	170938	49.9552 ng/ml
Meprobamate	4.888	482123	1333.88	27.3	8282.94	494738	50.5631 ng/ml
Methadone	5.655	2004347	17616.45	44.9	1824.81	1494381	48.6848 ng/ml
Methamphetamine	3.212	1871586	2423.02	36.4	8436.58	1508932	53.0490 ng/ml
Metoprolol	4.320	233836	2279.65	103.4	7745.40	1952425	50.7814 ng/ml
Mirtazapine	4.627	1692426	9622.88	49.8	4173.21	887318	47.7006 ng/ml
Mitragynine	5.229	401098	3248.55	38.1	328494.55	1494381	52.0439 ng/ml
Morphine	1.247	58069	3398.24	54.6	397.52	20800	51.9006 ng/ml
Norbuprenorphine	4.990	4060	3641.14	86.7	76.49	34442	5.0131 ng/ml
Nordiazepam	5.877	419471	714.46	59.1	873.83	257878	51.0317 ng/ml
Norfentanyl	4.071	190595	7434.12	38.7	760.97	1350876	4.7484 ng/ml
Norhydrocodone	3.060	76695	604.14	38.9	130.80	98139	46.1371 ng/ml
Noroxycodone	2.904	425048	1356.55	44.0	463.62	283140	49.2839 ng/ml
O-desmethyl-tramadol	3.359	1949728	27176.73	5.8	12054.55	2077735	48.4442 ng/ml
o-desmethylvenlafaxine	4.056	2573459	118213.67	19.4	4620.02	441643	46.1087 ng/ml
Olanzapine	4.598	352513	1163.83	41.7	186.43	149673	53.5054 ng/ml
Oxazepam	5.739	700254	8215.20	72.9	388.41	587304	51.2089 ng/ml
Oxycodone	2.828	948572	5409.36	26.7	6002.76	707114	53.4270 ng/ml
Oxymorphone	1.405	467584	501.16	42.5	520.49	301559	51.6644 ng/ml
Phentermine	3.767	480438	1079.43	7.0	436.75	1041404	53.1722 ng/ml
Promethazine	5.541	1530447	27137.24	32.0	444.02	1278538	49.1730 ng/ml
Pseudoephedrine	2.576	2019085	27044.91	18.5	29841.73	1879538	46.5989 ng/ml
Quetiapine	5.557	1146472	17889.01	60.6	15598.50	352583	52.3431 ng/ml
Sertraline	5.772	231382	912.54	107.7	392.25	208737	49.0874 ng/ml
Temazepam	5.800	1219023	48813.43	26.3	171.98	1108840	51.1441 ng/ml
Tramadol	4.239	1876445	∞	3.5	664.93	1952425	50.0954 ng/ml
Trazodone	5.148	1257810	30589.78	66.7	698.53	887773	54.5850 ng/ml
Venlafaxine	5.035	1869958	69071.52	36.8	732.19	1833444	47.1242 ng/ml
Zolpidem	4.905	1937634	474.42	28.2	71306.83	1484226	51.8061 ng/ml

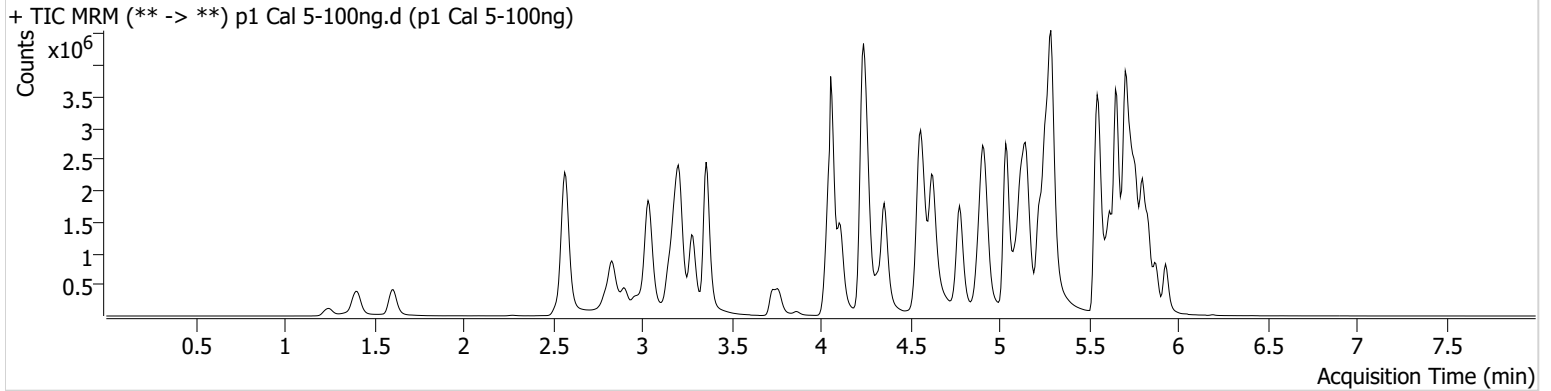
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D12	Comment	
Injection Volume	2		
Acq. Date-Time	12/9/2022 11:23:26 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	39470	2052.46	72.6	551.89	110062	10.0627 ng/ml
7-aminoclonazepam	4.244	276482	1896.11	80.0	236.28	123534	108.2786 ng/ml
a-hydroxyalprazolam	5.681	275155	753.79	63.8	500.25	880257	102.4312 ng/ml
alpha-PHP	4.928	615824	2526.55	248.2	8053.59	878600	104.0376 ng/ml
alpha-PVP	4.357	2418905	635317.28	52.3	7859.88	878600	97.8662 ng/ml
Alprazolam	5.758	1135225	776.68	117.4	2630.23	471652	100.0420 ng/ml
Amphetamine	3.037	3424091	458.25	46.7	1722.64	626740	91.5232 ng/ml
Benzoylecgonine	3.864	55932	21728.38	8.2	551.86	19272	100.0744 ng/ml
Buprenorphine	5.830	57834	587.04	15.2	4861.55	209576	9.5288 ng/ml
Bupropion	4.778	2481736	90991.12	65.2	780.18	795690	102.3119 ng/ml
Carisoprodol	5.713	945373	1533.79	63.5	7842.49	347211	96.9514 ng/ml
Chlordiazepoxide	5.834	576829	13450.78	147.9	2388.93	737150	106.7810 ng/ml
Chlorpheniramine	5.124	4179753	19367.41	0.3	154.22	1839623	98.9543 ng/ml
Citalopram	5.218	1870178	12500.46	39.0	12142.48	705941	99.0276 ng/ml
Clonazepam	5.600	1108303	1098.55	34.2	6328.35	152965	107.6194 ng/ml
Clonazolam	5.544	880995	375046.79	36.9	3329.16	152965	104.3009 ng/ml
Cocaine	4.257	1518123	520.29	53.9	303859.01	1320476	99.1912 ng/ml
Codeine	2.573	180379	363.89	101.8	745.86	99046	108.9625 ng/ml
Cyclobenzaprine	5.624	1813544	48509.05	6.9	641.20	663934	96.6134 ng/ml
Dextromethorphan	5.268	1092707	216.02	77.9	17688.29	477198	101.7575 ng/ml
Dextrorphan	4.111	723780	10157.09	213.0	1088.64	739940	98.3427 ng/ml
Diazepam	5.930	683639	13860.98	89.0	615.99	305932	101.4836 ng/ml
Dihydrocodeine	2.552	503706	1026.80	60.2	322.62	324445	104.6234 ng/ml
Diphenhydramine	5.289	5307241	183737.70	32.1	1630.38	2433720	99.7996 ng/ml
DMT	2.845	283484	11311.62	124.9	13671.85	477198	95.2405 ng/ml
Doxylamine	4.559	4947558	2530.10	96.1	91819.61	2175686	100.9338 ng/ml
Duloxetine	5.643	115083	3270.97	15.5	873.86	58806	99.2567 ng/ml
EDDP	5.261	2490808	1659.53	43.0	43842.99	1192036	97.1014 ng/ml
Etizolam	5.797	597260	11386.71	25.9	143878.01	152965	98.9976 ng/ml
Fentanyl	5.101	206463	14516.02	71.1	111404.89	966812	10.7260 ng/ml
Flualprazolam	5.688	569693	3889.11	96.3	11669.42	471652	100.3073 ng/ml
Fluorofentanyl	5.155	445013	3897.64	42.6	5264.79	8213	9.5704 ng/ml
Fluoxetine	5.703	1396030	63521.67	7.7	25345.35	435401	97.6124 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	816335	466.25	34.8	851.23	424269	104.2085 ng/ml
Hydromorphone	1.609	741269	4627417.22	73.0	1592584.04	225333	99.1362 ng/ml
Hydroxyzine	5.700	2099194	19346.92	76.4	22500.86	477198	95.2029 ng/ml
Ketamine	4.036	1498467	1121.69	37.6	745.04	638390	103.1331 ng/ml
Lamotrigine	4.267	144829	2784.65	80.7	1879.23	1778862	104.1659 ng/ml
Lorazepam	5.729	635699	4850.25	52.5	309.64	449367	97.7539 ng/ml
MDA	3.184	2281885	16205.33	33.7	5150.46	771036	101.2158 ng/ml
MDMA	3.285	1503624	177843.65	107.1	9622.57	167060	100.7806 ng/ml
Meprobamate	4.888	839065	941.49	27.7	232.10	471551	93.0072 ng/ml
Methadone	5.655	4051398	897.73	43.8	1334.52	1458069	100.6923 ng/ml
Methamphetamine	3.212	3759143	2154.06	35.6	1253.99	1530134	106.1958 ng/ml
Metoprolol	4.320	466326	6225.98	103.7	1976.68	1930201	103.0206 ng/ml
Mirtazapine	4.627	3448485	66322.76	48.8	7848.99	878600	97.7986 ng/ml
Mitragynine	5.229	774665	59530.85	38.5	1492.14	1458069	103.6406 ng/ml
Morphine	1.247	118575	1044.57	54.3	725.30	21297	103.9087 ng/ml
Norbuprenorphine	4.990	7726	16267.68	105.5	57407.29	34481	9.7382 ng/ml
Nordiazepam	5.877	749342	697.81	59.6	1606.59	230981	102.0283 ng/ml
Norfentanyl	4.078	368397	256.08	37.0	1591.63	1234473	9.9715 ng/ml
Norhydrocodone	3.060	138778	520.40	40.2	∞	84873	95.4513 ng/ml
Noroxycodone	2.904	761808	5310.36	43.5	970.53	252581	99.0763 ng/ml
O-desmethyl-tramadol	3.359	3970439	351780.34	5.7	1219.80	2054014	99.5267 ng/ml
o-desmethylvenlafaxine	4.056	5088492	112467.76	19.2	7349.77	425874	93.6344 ng/ml
Olanzapine	4.577	682895	15740.48	48.2	532.22	145392	106.0400 ng/ml
Oxazepam	5.739	1042909	1356.71	72.9	3714.43	449367	99.8181 ng/ml
Oxycodone	2.822	1823551	3812.67	26.8	1276.88	704597	103.7525 ng/ml
Oxymorphone	1.405	889709	∞	42.1	∞	293509	101.1715 ng/ml
Phentermine	3.767	901599	∞	6.9	208.18	1039883	100.6430 ng/ml
Promethazine	5.541	2971237	19732.25	31.8	466.37	1247916	97.3706 ng/ml
Pseudoephedrine	2.576	3954083	1962.72	18.3	37690.90	1778862	95.7765 ng/ml
Quetiapine	5.557	2272064	37619.76	59.5	47168.44	350521	104.8389 ng/ml
Sertraline	5.772	425963	1948.70	107.7	12997.32	188538	99.8596 ng/ml
Temazepam	5.800	1931406	20581.45	27.2	310.08	880257	102.2086 ng/ml
Tramadol	4.239	3739725	∞	3.6	∞	1930201	101.2943 ng/ml
Trazodone	5.148	2463938	55842.60	70.0	54945.69	912807	104.8437 ng/ml
Venlafaxine	5.035	3859590	6092.89	35.8	22118.60	1817899	97.6183 ng/ml
Zolpidem	4.905	3961398	11725.26	27.4	6515.54	1534136	103.0111 ng/ml

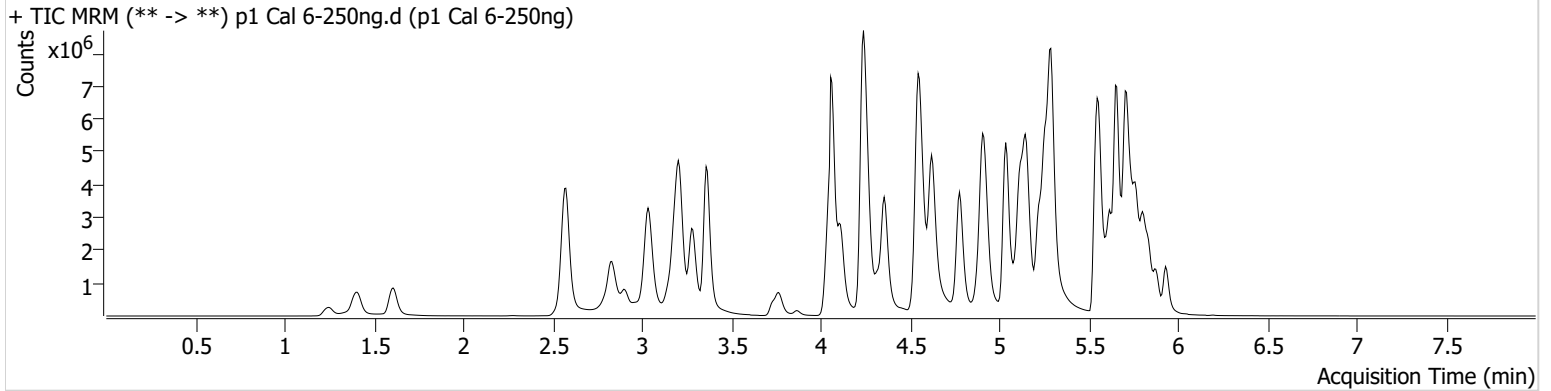
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	12/9/2022 11:34:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	95674	6212.44	72.6	2842.88	107686	24.8934 ng/ml
7-aminoclonazepam	4.244	508285	2232.17	82.1	4850.65	104391	237.2483 ng/ml
a-hydroxyalprazolam	5.681	419661	182.05	64.0	201.63	578351	238.4200 ng/ml
alpha-PHP	4.928	1337080	979.99	249.7	2641.20	783805	253.9822 ng/ml
alpha-PVP	4.357	5573446	2853.01	51.5	23891.56	783805	252.4109 ng/ml
Alprazolam	5.758	2266255	1834.69	120.7	6380.74	375052	250.8034 ng/ml
Amphetamine	3.037	6462793	851.35	45.9	619.43	592802	183.3102 ng/ml
Benzoylcegonine	3.864	147386	275.34	8.5	129.02	19792	257.0961 ng/ml
Buprenorphine	5.830	136545	50206.88	15.4	44062.74	185460	25.2812 ng/ml
Bupropion	4.778	5850276	736069.33	64.3	50132.97	753238	254.9235 ng/ml
Carisoprodol	5.713	1466058	104262.39	61.8	413.67	201605	257.5612 ng/ml
Chlordiazepoxide	5.834	1038359	22399.49	155.1	7116.21	614480	231.9502 ng/ml
Chlorpheniramine	5.117	10021826	151697.40	0.3	169.24	1700541	256.3635 ng/ml
Citalopram	5.218	3934482	846.59	39.2	46335.83	577436	254.2186 ng/ml
Clonazepam	5.600	2028892	45332.76	34.2	2567.03	120631	251.0461 ng/ml
Clonazolam	5.544	1406330	49504.17	36.8	13228.91	120631	212.0114 ng/ml
Cocaine	4.257	3289488	126021.09	53.2	73039.63	1130471	250.9559 ng/ml
Codeine	2.580	328175	107.72	102.7	28302.13	85130	232.4688 ng/ml
Cyclobenzaprine	5.624	4216830	70451.03	6.4	171.12	596938	249.0236 ng/ml
Dextromethorphan	5.268	2150458	28323.66	77.9	32400.64	387511	246.3836 ng/ml
Dextrorphan	4.111	1626705	63900.22	213.1	7237.12	655787	248.9258 ng/ml
Diazepam	5.930	1472949	533.56	88.0	3996.24	261590	255.7300 ng/ml
Dihydrocodeine	2.545	1101907	226.91	60.9	173.89	321173	232.6749 ng/ml
Diphenhydramine	5.289	11809901	1071.37	31.4	35088.38	2053799	262.6932 ng/ml
DMT	2.845	619981	20251.40	130.1	4036.39	387511	255.3505 ng/ml
Doxylamine	4.545	12425686	1610.15	94.9	179769.81	2047501	268.9981 ng/ml
Duloxetine	5.643	225315	1331.35	15.5	16213.53	43665	261.7579 ng/ml
EDDP	5.254	5710727	173421.11	42.3	464460.48	1053600	251.5132 ng/ml
Etizolam	5.797	1236419	11852.59	25.4	46089.68	120631	259.0071 ng/ml
Fentanyl	5.094	486826	12326.99	70.6	276903.30	928668	26.4211 ng/ml
Flualprazolam	5.688	983888	20713.76	96.7	12667.10	375052	218.8125 ng/ml
Fluorofentanyl	5.155	1026033	728.77	43.7	10963.37	6925	26.0549 ng/ml
Fluoxetine	5.710	2579521	451.76	7.7	122821.36	311558	251.0290 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1789461	413.54	34.9	4539.37	393876	247.6602 ng/ml
Hydromorphone	1.609	1686279	1076042.53	73.3	727747.43	205810	246.4232 ng/ml
Hydroxyzine	5.700	4740932	30035.79	75.7	27586.92	387511	263.2746 ng/ml
Ketamine	4.036	3281782	65730.65	36.4	5360.07	593256	244.1932 ng/ml
Lamotrigine	4.274	277141	5762.38	80.4	12316.60	1441115	247.0577 ng/ml
Lorazepam	5.729	802764	10904.58	52.2	1276.68	235012	237.6847 ng/ml
MDA	3.184	3925098	1557.05	33.3	5221.40	629965	214.2220 ng/ml
MDMA	3.285	3374134	7848.82	106.6	7538.55	143820	262.9015 ng/ml
Meprobamate	4.888	1445027	∞	27.2	301.78	411789	184.2247 ng/ml
Methadone	5.655	9519114	78976.90	42.4	2311.83	1289826	267.1898 ng/ml
Methamphetamine	3.212	8453198	1522.69	34.6	3086.29	1492692	246.2853 ng/ml
Metoprolol	4.320	983294	6707.78	104.6	33628.62	1697465	247.8153 ng/ml
Mirtazapine	4.620	8134991	2750.14	47.8	3844.00	783805	258.0486 ng/ml
Mitragynine	5.229	1668811	44250.59	38.8	854203.98	1289826	253.3002 ng/ml
Morphine	1.247	276455	1620.17	55.1	5400.65	20399	253.5108 ng/ml
Norbuprenorphine	4.990	19759	210.31	100.7	8619.01	34585	25.1907 ng/ml
Nordiazepam	5.877	1439838	15685.50	60.4	13994.11	180467	251.2855 ng/ml
Norfentanyl	4.078	752085	1323.29	38.2	705.23	899064	27.8345 ng/ml
Norhydrocodone	3.060	305605	257.10	40.0	201.92	69861	253.7036 ng/ml
Noroxycodone	2.904	1480751	751.69	43.7	20592.83	197732	246.0833 ng/ml
O-desmethyl-tramadol	3.359	9486038	200213.41	5.5	1668.43	1842956	264.6019 ng/ml
o-desmethylvenlafaxine	4.063	11675863	205261.32	18.2	12627.06	359798	252.8173 ng/ml
Olanzapine	4.530	1589816	14357.58	52.1	2848.77	151931	235.4213 ng/ml
Oxazepam	5.739	1401639	152.07	75.1	222.10	235012	256.7466 ng/ml
Oxycodone	2.822	3942636	4390.98	26.7	1642.54	660262	240.3335 ng/ml
Oxymorphone	1.405	1944861	∞	42.3	∞	259937	249.9794 ng/ml
Phentermine	3.767	1808713	4369.46	6.9	1816.92	982508	214.6027 ng/ml
Promethazine	5.541	7126933	3184.20	30.7	16144.63	1123620	258.6577 ng/ml
Pseudoephedrine	2.576	8475704	44344.16	17.7	88507.85	1441115	252.4216 ng/ml
Quetiapine	5.557	4891754	68225.22	59.0	51459.33	309961	255.9711 ng/ml
Sertraline	5.772	884227	27131.62	106.3	639.54	157588	247.7342 ng/ml
Temazepam	5.807	3050008	26543.01	27.0	336.76	578351	245.8484 ng/ml
Tramadol	4.239	8374842	∞	3.4	∞	1697465	258.4080 ng/ml
Trazodone	5.148	5498145	1470.43	72.5	221047.19	883162	243.0312 ng/ml
Venlafaxine	5.035	9135688	218914.13	33.9	2310.28	1587627	263.8223 ng/ml
Zolpidem	4.905	9043533	346537.43	27.1	78597.61	1433495	252.4749 ng/ml

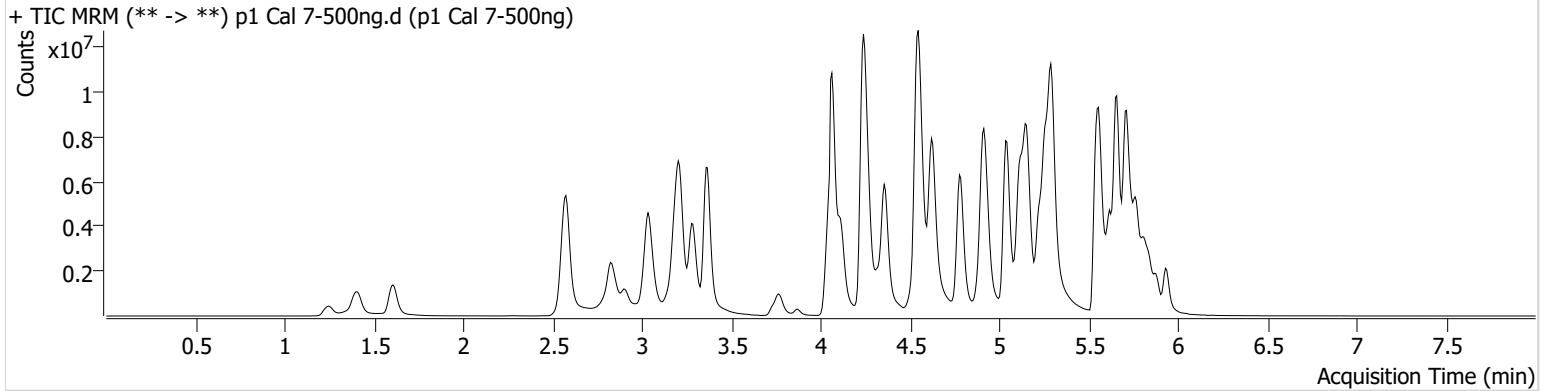
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	12/9/2022 11:44:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	173213	773.36	72.3	133477.99	98495	49.2496 ng/ml
7-aminoclonazepam	4.244	614361	2382.00	81.9	126.32	79283	378.4204 ng/ml
a-hydroxyalprazolam	5.674	445582	271.95	64.3	400.47	312611	468.8060 ng/ml
alpha-PHP	4.928	2150109	6781.50	253.5	49982.09	662785	483.4821 ng/ml
alpha-PVP	4.357	9777306	488779.67	51.4	1069.43	662785	523.4055 ng/ml
Alprazolam	5.758	3355303	∞	117.9	1151.31	272881	510.1184 ng/ml
Amphetamine	3.037	9136324	87542.33	46.2	24848.85	527208	291.7839 ng/ml
Benzoylcegonine	3.864	281932	2101.94	8.5	5023.25	19480	499.8805 ng/ml
Buprenorphine	5.830	244387	107594.91	15.5	47922.03	155692	53.8032 ng/ml
Bupropion	4.778	10513699	1287349.20	62.4	29876.35	678848	508.4322 ng/ml
Carisoprodol	5.720	1557457	157.91	64.5	281.60	107221	513.6545 ng/ml
Chlordiazepoxide	5.834	1317321	7700.41	168.8	4056.26	433304	418.2416 ng/ml
Chlorpheniramine	5.117	17378909	69607.98	0.3	939.36	1443084	523.6748 ng/ml
Citalopram	5.218	5709807	133784.55	38.6	28924.17	393749	540.6903 ng/ml
Clonazepam	5.600	2637112	28033.07	33.3	21713.19	85124	463.1960 ng/ml
Clonazolam	5.537	1554086	204145.01	37.1	568562.05	85124	332.5037 ng/ml
Cocaine	4.257	5379314	70729.74	52.7	31216.18	907698	511.0435 ng/ml
Codeine	2.580	481720	432.71	102.2	16178.18	72450	402.1387 ng/ml
Cyclobenzaprine	5.624	6630720	1103.37	6.3	2058.63	444163	525.6775 ng/ml
Dextromethorphan	5.268	3113627	564.30	78.4	545.01	277668	497.6966 ng/ml
Dextrorphan	4.111	2753595	1156.05	213.7	2619.68	538358	512.9583 ng/ml
Diazepam	5.930	2315507	393.04	88.3	4591.47	213966	491.5008 ng/ml
Dihydrocodeine	2.545	1797451	186.48	60.6	262.03	304231	401.5554 ng/ml
Diphenhydramine	5.296	17594449	335864.37	32.5	971.19	1569719	511.7818 ng/ml
DMT	2.838	1028926	22771.88	137.7	109956.73	277668	590.5337 ng/ml
Doxylamine	4.545	22126381	2686.69	95.3	5952.82	1836863	533.7174 ng/ml
Duloxetine	5.643	277148	4066.29	15.6	721.20	27712	507.3576 ng/ml
EDDP	5.261	9956343	186887.12	41.4	55435.18	883693	522.5629 ng/ml
Etizolam	5.797	1879145	2998.09	26.0	842825.28	85124	557.2310 ng/ml
Fentanyl	5.094	788365	638.95	69.7	1539892.77	831060	47.8621 ng/ml
Flualprazolam	5.688	1208677	6100.64	101.1	22593.77	272881	370.0128 ng/ml
Fluorofentanyl	5.155	1697497	25107.07	43.5	13917.37	5438	54.8199 ng/ml
Fluoxetine	5.710	3260264	253.60	7.7	191.54	184758	534.2873 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	3036056	868.87	36.2	∞	362638	457.3749 ng/ml
Hydromorphone	1.609	2918062	15218492.39	73.9	22392883.48	174610	502.2816 ng/ml
Hydroxyzine	5.700	7450869	291835.54	74.5	18353.03	277668	576.4394 ng/ml
Ketamine	4.036	5364219	90780.12	36.3	24529.66	526334	450.6016 ng/ml
Lamotrigine	4.274	379802	461.17	78.4	9428.67	1082610	451.3050 ng/ml
Lorazepam	5.729	810164	14968.93	52.9	2727.03	121506	465.0671 ng/ml
MDA	3.178	5416724	1644.35	32.3	3047.31	502216	371.5797 ng/ml
MDMA	3.285	5328572	1891.77	107.4	12402.05	120291	496.5108 ng/ml
Meprobamate	4.888	1850195	28509.21	27.0	385.94	319737	304.3254 ng/ml
Methadone	5.655	14676009	4298.51	45.3	1444.27	1039972	510.7648 ng/ml
Methamphetamine	3.212	13867030	176233.83	34.3	5423.65	1448225	417.2134 ng/ml
Metoprolol	4.320	1542250	38188.76	103.9	18682.17	1479468	446.4182 ng/ml
Mirtazapine	4.620	14075255	4050.85	47.3	96350.57	662785	527.6459 ng/ml
Mitragynine	5.229	2555212	59146.35	39.4	73213.85	1039972	481.5923 ng/ml
Morphine	1.247	483385	∞	52.3	∞	17629	513.3363 ng/ml
Norbuprenorphine	4.990	36380	24041.01	96.5	26427.47	32088	50.2172 ng/ml
Nordiazepam	5.877	1961210	576.38	62.8	397.98	126682	487.8335 ng/ml
Norfentanyl	4.078	1170449	47708.85	38.2	7192.68	606218	64.1592 ng/ml
Norhydrocodone	3.060	532981	∞	40.3	∞	58777	524.8385 ng/ml
Noroxycodone	2.904	2217534	901.21	43.4	12277.66	143532	507.7547 ng/ml
O-desmethyl-tramadol	3.366	15942349	97227.49	5.6	1740.94	1571297	521.3331 ng/ml
o-desmethylvenlafaxine	4.063	19233120	227779.98	18.0	8567.58	281418	531.4842 ng/ml
Olanzapine	4.509	3003121	17499.95	54.0	21330.60	159029	424.3198 ng/ml
Oxazepam	5.739	1376738	90.79	69.4	92.67	121506	487.9016 ng/ml
Oxycodone	2.822	6254666	24580.96	26.7	42946.37	589162	427.8467 ng/ml
Oxymorphone	1.405	3378505	∞	40.0	∞	217512	519.1410 ng/ml
Phentermine	3.767	2920487	3252.05	6.6	5509.80	920232	370.5511 ng/ml
Promethazine	5.540	11726293	3447.18	30.8	2237.86	919843	519.4167 ng/ml
Pseudoephedrine	2.576	13292655	140161.01	17.4	32216.64	1082610	526.3172 ng/ml
Quetiapine	5.557	7643313	104320.52	58.4	46617.54	259444	478.2602 ng/ml
Sertraline	5.772	1216355	656.52	103.3	31199.11	104083	515.7760 ng/ml
Temazepam	5.807	3267961	13515.21	28.2	417.43	312611	487.4706 ng/ml
Tramadol	4.239	13083864	∞	3.5	∞	1479468	463.4298 ng/ml
Trazodone	5.148	9071484	1590.98	74.0	174734.10	749467	473.3969 ng/ml
Venlafaxine	5.035	15187167	167495.80	34.2	8264.03	1311057	530.6498 ng/ml
Zolpidem	4.905	14666216	283110.95	26.9	4387.07	1302905	450.9204 ng/ml

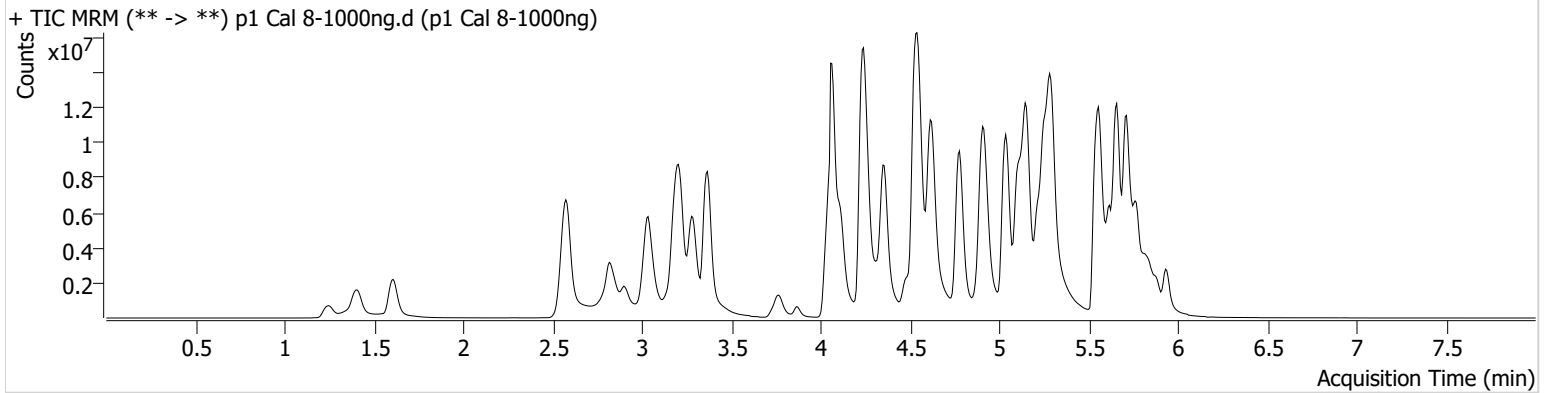
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\120922 AM 27 28 P1 P2 CS TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 12/12/2022 11:32:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	12/9/2022 11:55:18 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	331615	38564.72	70.2	2212.28	93560	99.2369 ng/ml
7-aminoclonazepam	4.244	564644	58.12	81.5	64.06	49676	555.7493 ng/ml
a-hydroxyalprazolam	5.674	416092	130.91	66.5	140.03	135397	1011.3285 ng/ml
alpha-PHP	4.928	3239114	52354.83	254.4	215102.46	554034	871.7646 ng/ml
alpha-PVP	4.357	16049793	170369.48	52.4	2713.48	554034	1027.6222 ng/ml
Alprazolam	5.758	4457233	362.81	117.2	393.70	183952	1005.0248 ng/ml
Amphetamine	3.037	11691984	42367.57	46.3	44707.28	487032	404.4672 ng/ml
Benzoylcegonine	3.864	617980	24709.27	8.6	8002.17	21413	997.0082 ng/ml
Buprenorphine	5.830	395023	758284.04	15.5	68498.95	116265	116.3587 ng/ml
Bupropion	4.778	17577618	719.00	64.4	901.50	628312	918.4850 ng/ml
Carisoprodol	5.720	1536243	90.56	58.5	113.61	48031	1130.0359 ng/ml
Chlordiazepoxide	5.841	1499406	12221.95	174.7	4692.20	282388	731.3447 ng/ml
Chlorpheniramine	5.115	25603971	58891.56	0.3	530.87	1185219	939.2240 ng/ml
Citalopram	5.211	7614992	86707.54	38.3	33981.98	290971	975.5687 ng/ml
Clonazepam	5.593	2883934	232634.34	32.8	27402.95	52010	829.7946 ng/ml
Clonazolam	5.537	1395095	19092.31	38.5	5179.25	52010	488.9359 ng/ml
Cocaine	4.257	7976401	540.50	54.6	332.64	679003	1012.9334 ng/ml
Codeine	2.580	694484	110.06	101.5	175.21	53257	790.2635 ng/ml
Cyclobenzaprine	5.624	9715906	863.16	5.8	359.20	313614	1090.3445 ng/ml
Dextromethorphan	5.262	4070035	1283.43	76.9	372.47	175028	1031.9146 ng/ml
Dextrorphan	4.111	4432586	7811.47	219.5	10101.05	418940	1060.7809 ng/ml
Diazepam	5.937	3353953	312.19	87.2	934.03	161527	943.0544 ng/ml
Dihydrocodeine	2.545	2863171	300.25	60.7	153.89	298150	653.4468 ng/ml
Diphenhydramine	5.289	24878579	809.17	34.9	1370.54	1130748	1004.3206 ng/ml
DMT	2.838	1649359	55532.03	143.2	12321.08	175028	1500.6921 ng/ml
Doxylamine	4.538	33229913	193490.95	96.6	119226.32	1647613	893.4700 ng/ml
Duloxetine	5.643	262356	6298.76	16.3	491.47	15103	881.2680 ng/ml
EDDP	5.254	16683934	∞	42.3	201782.83	724313	1068.1075 ng/ml
Etizolam	5.797	2597914	2738.42	25.9	22663.95	52010	1260.1805 ng/ml
Fentanyl	5.087	1167734	31779.69	70.1	217.24	716563	82.2668 ng/ml
Flualprazolam	5.688	1345930	8975.28	101.2	5850.96	183952	611.7539 ng/ml
Fluorofentanyl	5.155	2754344	37411.00	44.4	2822.40	3666	131.8588 ng/ml
Fluoxetine	5.710	4008415	295.04	7.5	519.25	112153	1081.4842 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	5404912	∞	35.5	∞	338294	873.8982 ng/ml
Hydromorphone	1.609	5156104	7114715.83	73.1	15602369.50	153284	1010.6545 ng/ml
Hydroxyzine	5.700	10588155	40167.72	76.7	158659.05	175028	1298.4724 ng/ml
Ketamine	4.036	7789614	301395.27	35.3	6116.24	459266	750.4495 ng/ml
Lamotrigine	4.274	443356	8158.03	80.5	50505.18	752339	758.6024 ng/ml
Lorazepam	5.736	780455	36037.67	52.9	121.68	54025	1008.9669 ng/ml
MDA	3.178	6849518	1031.47	31.8	13408.88	371110	636.5908 ng/ml
MDMA	3.278	8167125	274296.87	107.9	18259.15	96906	944.7623 ng/ml
Meprobamate	4.881	2047838	120.06	27.5	244.69	265304	406.2196 ng/ml
Methadone	5.655	20555315	205167.29	49.0	1099.27	784211	948.5605 ng/ml
Methamphetamine	3.211	19761606	100423.99	34.1	107311.79	1415580	608.7967 ng/ml
Metoprolol	4.313	2151975	222560.91	105.2	55784.03	1261710	730.7811 ng/ml
Mirtazapine	4.622	22169661	7674.13	49.7	96544.51	554034	993.9172 ng/ml
Mitragynine	5.222	3550295	4657.93	39.5	1015.01	784211	887.9068 ng/ml
Morphine	1.247	805187	∞	54.1	∞	16518	912.9062 ng/ml
Norbuprenorphine	4.990	65670	286.80	96.6	13893.28	29188	99.8840 ng/ml
Nordiazepam	5.877	2459600	182187.33	59.1	17802.89	80541	962.5409 ng/ml
Norfentanyl	4.078	1548053	41006.85	38.1	6124.03	284563	180.6591 ng/ml
Norhydrocodone	3.060	984143	156.07	40.6	∞	49479	1150.0416 ng/ml
Noroxycodone	2.904	3162122	457.21	43.6	1752.10	104108	998.2752 ng/ml
O-desmethyl-tramadol	3.366	24288713	437415.88	6.1	964.73	1283387	972.2352 ng/ml
o-desmethylvenlafaxine	4.063	27685460	363160.62	18.6	7603.36	186439	1153.7825 ng/ml
Olanzapine	4.484	5487654	20667.50	56.3 High	1492.80	159921	770.4990 ng/ml
Oxazepam	5.739	1210090	65.70	73.3	49.80	54025	964.6397 ng/ml
Oxycodone	2.808	9585689	3584.72	26.5	470.81	516747	748.1362 ng/ml
Oxymorphone	1.405	5526174	∞	42.3	∞	196726	939.0162 ng/ml
Phentermine	3.767	4282126	2087.44	6.8	6651.01	887237	563.9433 ng/ml
Promethazine	5.541	17620214	1892.44	31.7	1167.69	717417	1000.3010 ng/ml
Pseudoephedrine	2.576	19650574	61205.06	17.3	23106.90	752339	1118.9374 ng/ml
Quetiapine	5.557	10661863	125903.37	59.3	62127.26	200722	862.7122 ng/ml
Sertraline	5.772	1600310	24612.71	108.5	20191.66	67387	1047.9216 ng/ml
Temazepam	5.807	2828000	26911.51	27.8	1781.02	135397	974.1063 ng/ml
Tramadol	4.232	18194125	606.04	3.7	456.21	1261710	755.8472 ng/ml
Trazodone	5.141	13803860	192502.33	75.0	203888.32	631808	855.2609 ng/ml
Venlafaxine	5.038	22561277	16569.88	36.9	298881.89	1030573	1002.4614 ng/ml
Zolpidem	4.905	21543406	455684.80	28.7	100331.71	1221893	706.5919 ng/ml