

Worklist: 6892

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-2630	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-2851	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-2961	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-3019	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1935	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2075	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2146	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2150	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2165	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2177	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2196	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2210	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-2213	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2244	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2256	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2257	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

TS

Extraction Date: 07/22/2024

Panel 1 Plate lot#: 240528

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

Blank Blood Lot: Lampire 24C52816

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

Analyst: Tamara Salazar

Panel 1 Plate Retest Date: 11/28/2024

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

COMMENTS:

Run stopped due to an instrument error. The error was cleared, but due to low and variable internal standard responses in the initial injections, the run was reinjected on 08/10/2024. The run completed without further issue. The re-injection data was used for evaluation.

Compounds Included:

7-aminoclonazepam: 5-500 -- calibrator 8 dropped due to QC 1000 accuracy

9-hydroxyrisperidone

Alprazolam

Amphetamine: 5-250 -- calibrator 7 and 8 dropped due to linearity

Benzoylecgonine

Buprenorphine 1-50 -- calibrator 1 dropped due to QC ratio; calibrator 8 dropped due to linearity

Citalopram

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

Cocaine

Codeine

Fentanyl

Lorazepam

Methamphetamine: 5-500 -- calibrator 8 dropped due to linearity

Norbuprenorphine: 2.5-100 -- calibrator 1 dropped due to poor response/peak shape; calibrator 2 dropped due to ratio

Norfentanyl: 5-500 -- calibrator 8 dropped due to linearity

Noroxycodone: Internal standard chromatography poor, oxycodone-D6 was used as a surrogate – **Qualitative only**

Olanzapine

Oxycodone

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

Pseudoephedrine

Quetiapine: 5-500 -- calibrator 8 dropped due to linearity

Sertraline

Analytical Plate Map

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1								P2024-2196-1	M2024-2961-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2							P2024-2210-1	P2024-2177-1	M2024-2851-3	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3							M2024-2630-2	P2024-2165-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4							Neg Urine	P2024-2150-3	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2							P2024-2257-1	P2024-2146-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6								P2024-2256-1	P2024-2075-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7								P2024-2244-1	P2024-1935-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8								P2024-2213-1	M2024-3019-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

	1	2	3	4	5	6	7	8	9	10	11	12
A										P2024-2196-1	M2024-2961-1	IS + Cal. 8
B									P2024-2210-1	P2024-2177-1	M2024-2851-3*	IS + Cal. 7
C									M2024-2630-2	P2024-2165-1	Neg Blood	IS + Cal. 6
D									Neg Urine	P2024-2150-3	IS + QC_2	IS + Cal. 5
E									P2024-2257-1	P2024-2146-1	IS + QC_4	IS + Cal. 4
F								M2024-2851-3	P2024-2256-1	P2024-2075-1	IS + QC_3	IS + Cal. 3
G									P2024-2244-1	P2024-1935-1	IS + QC_2	IS + Cal. 2
H									P2024-2213-1	M2024-3019-2	IS + QC_1	IS + Cal. 1

*Moved during step 6 of the analytical method due to a clot

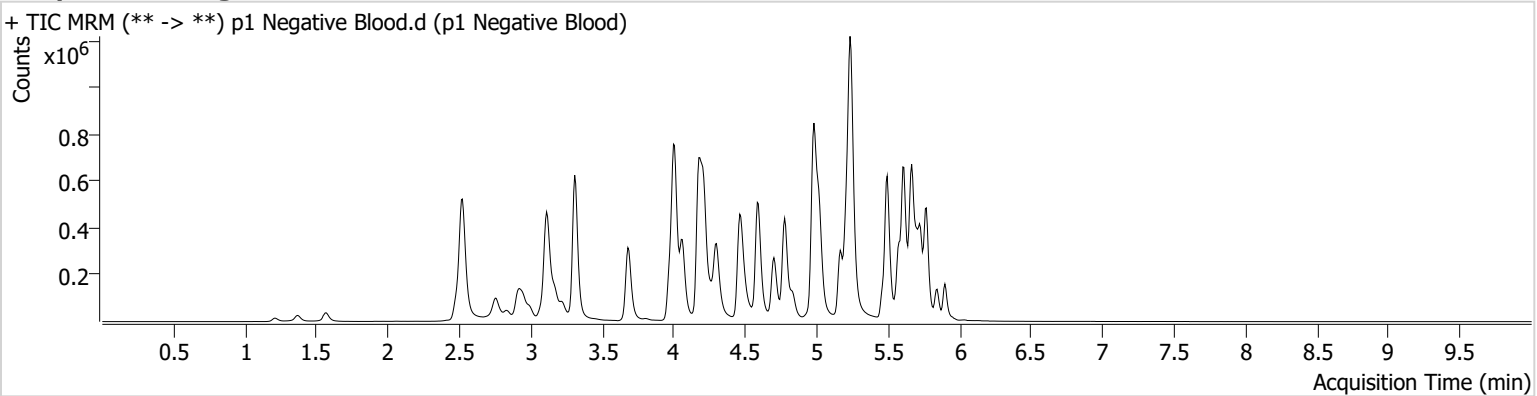
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AM #28 Multi-Drug Quant. Results

Batch results	D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin		
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Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-C11	Comment	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	8/10/2024 1:52:08 PM		
Sample Info.			

Sample Chromatogram



TS



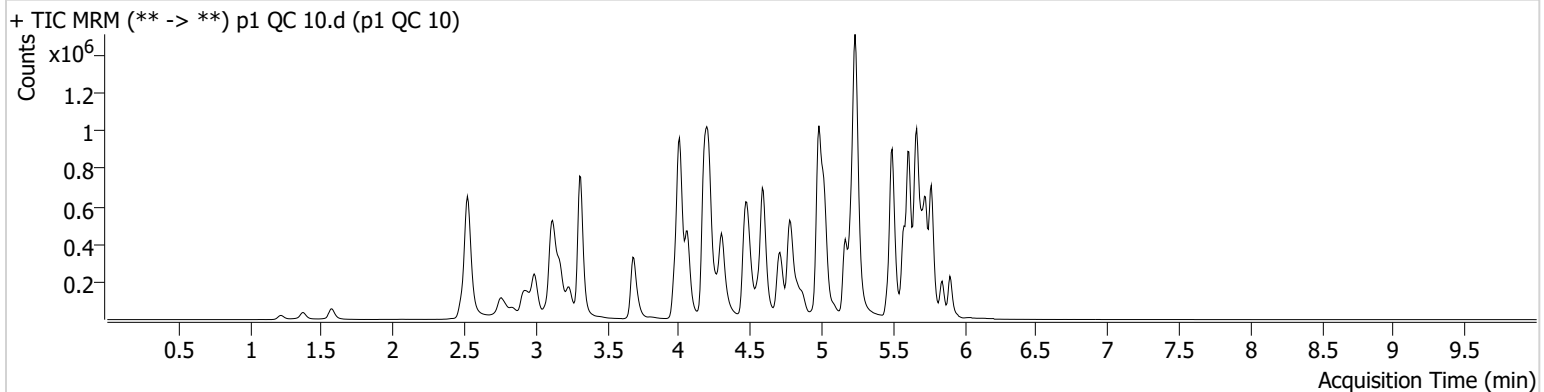
AM #28 Multi-Drug Quant. Results

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Calibration Last Update 8/13/2024 1:22:52 PM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-H11 **Comment**
Injection Volume 2
Acq. Date-Time 8/10/2024 12:48:15 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	55266	137.10	77.6	915.45	217906	10.5508 ng/ml
9-hydroxyrisperidone	4.589	10342	277.65	3214.7	829.79	1412184	9.4095 ng/ml
Alprazolam	5.728	99479	391.13	109.3	436.68	384390	9.6614 ng/ml
Amphetamine	2.992	343379	5946.19	52.3	130.95	431021	9.9525 ng/ml
Benzoylcegonine	3.835	3146	76.68	35.3	36.78	10706	8.7586 ng/ml
Buprenorphine	5.649	4947	242.81	11.7	883.11	167262	1.0526 ng/ml
Citalopram	5.166	167733	398.26	40.7	1655.41	795289	9.0664 ng/ml
Clonazepam	5.570	92326	2279.65	36.5	408.37	126724	10.1346 ng/ml
Cocaine	4.209	145965	3027.18	51.6	535.98	1245273	9.4736 ng/ml
Codeine	2.535	16422	102.98	100.9	121.85	74105	10.1050 ng/ml
Fentanyl	5.035	17010	159.86	77.3	23.38	977342	0.8489 ng/ml
Lorazepam	5.706	64565	447.47	48.5	91.40	471218	10.0049 ng/ml
Methamphetamine	3.175	494910	888.17	38.3	955.95	1002849	8.3543 ng/ml
Norbuprenorphine	4.938	924	417.86	90.0	363.03	31172	1.0129 ng/ml
Norfentanyl	4.028	30288	759.67	37.8	53.88	1247416	0.9506 ng/ml
Noroxycodone	2.859	37502	180.96	48.1	463.57	400147	10.1416 ng/ml
Olanzapine	4.346	52273	168.75	59.4	136.17	142161	9.5229 ng/ml
Oxycodone	2.784	93830	613.75	28.5	211.64	400147	9.3389 ng/ml
Phentermine	3.717	86069	339.82	4.7	67.62	962436	10.1095 ng/ml
Pseudoephedrine	2.532	319690	1537.12	15.9	804.82	1699968	9.2360 ng/ml
Quetiapine	5.478	211459	458976.82	59.1	245.03	316029	9.5325 ng/ml
Sertraline	5.735	88295	395.02	91.3	1657.86	365441	9.3787 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Batch results
Calibration Last Update

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Instrument Type
Acq. Method
Sample Position
Injection Volume
Acq. Date-Time
Sample Info.

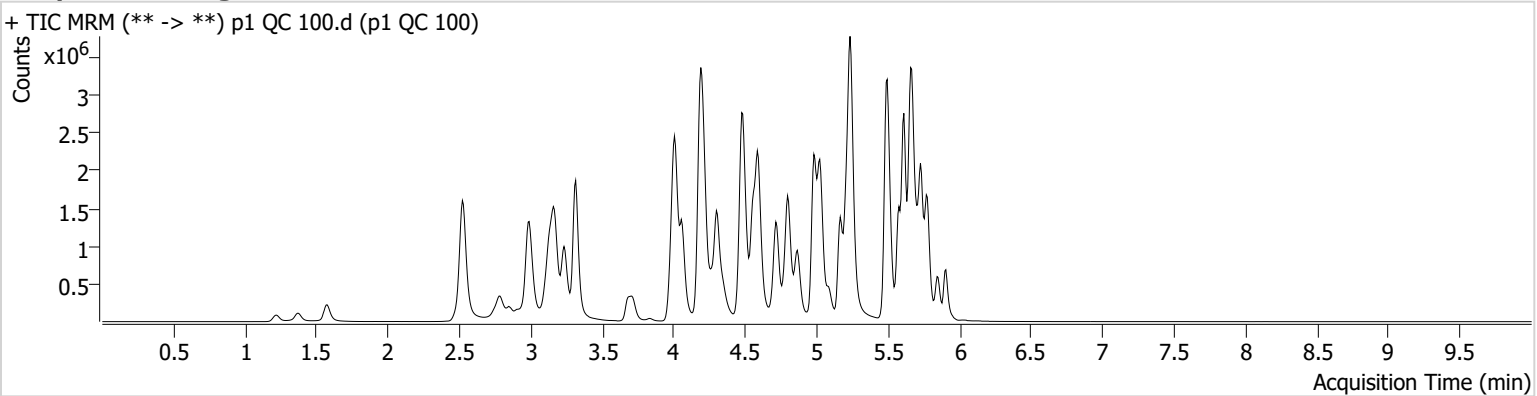
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QC
AM 28 MDQ P1.m
P6-G11
2
8/10/2024 8:47:31 PM

Data File
Sample
Operator
Comment

p1 QC 100.d
p1 QC 100
Tamara Salazar

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	262958	130.07	80.2	138.63	125806	98.7553 ng/ml
9-hydroxyrisperidone	4.589	104751	2224.98	3120.3	8026.35	1334192	99.6698 ng/ml
Alprazolam	5.728	835541	1236.00	105.6	938.05	306175	99.9289 ng/ml
Amphetamine	2.992	2643151	31352.25	49.2	12795.79	364715	104.9111 ng/ml
Benzoylcegonine	3.835	36041	52895.20	37.8	∞	12093	95.2797 ng/ml
Buprenorphine	5.655	39035	32347.76	13.9	4000.59	149029	10.2414 ng/ml
Citalopram	5.166	1559070	1935.44	39.6	610.35	701288	92.4419 ng/ml
Clonazepam	5.570	609866	5677.25	37.0	4884.49	89029	106.1264 ng/ml
Cocaine	4.209	1303459	1243.77	50.7	1130.89	1049928	99.1914 ng/ml
Codeine	2.528	134160	291.41	100.2	5621.04	62049	106.2949 ng/ml
Fentanyl	5.035	169732	607.18	75.3	206254.04	899075	8.7729 ng/ml
Lorazepam	5.706	320797	1989.49	49.8	38.08	284079	86.8489 ng/ml
Methamphetamine	3.168	2799975	19151.18	37.6	16394.94	920773	102.2869 ng/ml
Norbuprenorphine	4.938	6505	13009.10	101.4	32928.08	29532	9.3143 ng/ml
Norfentanyl	4.028	263272	666.73	38.7	1440.97	997461	9.8705 ng/ml
Noroxycodone	2.852	320384	661.28	48.4	1920.48	363248	107.0785 ng/ml
Olanzapine	4.346	564774	835.48	58.3	653.38	141769	100.4718 ng/ml
Oxycodone	2.784	884744	867.55	28.2	646.01	363248	99.4107 ng/ml
Phentermine	3.717	719245	4010.02	4.4	298.99	836829	104.7092 ng/ml
Pseudoephedrine	2.532	2887508	691.88	16.2	21793.93	1462974	93.0439 ng/ml
Quetiapine	5.478	1926512	773.51	59.5	426861.61	286531	102.2466 ng/ml
Sertraline	5.735	817038	2285.47	89.9	56751.23	321459	96.9636 ng/ml

TS



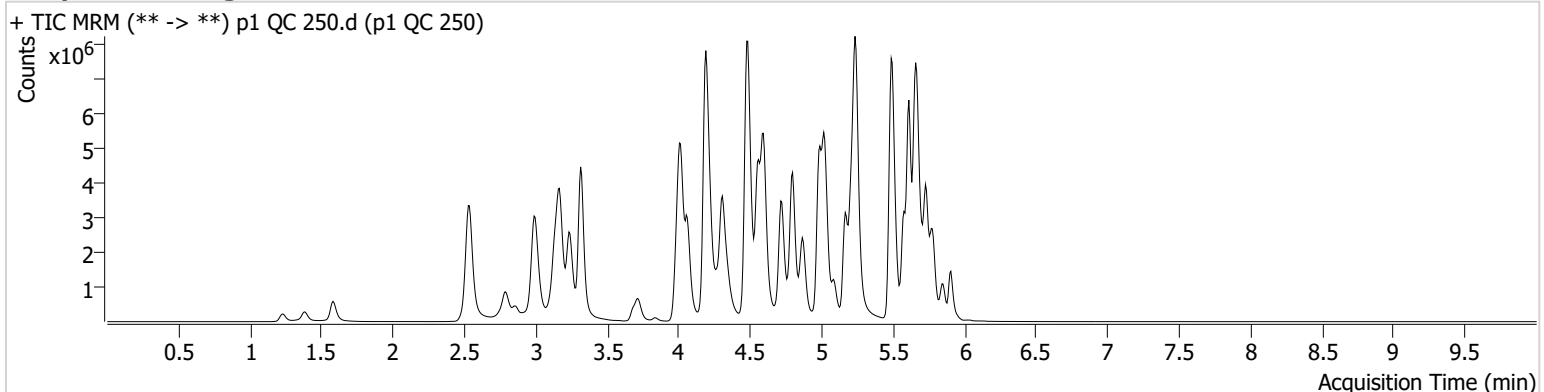
AM #28 Multi-Drug Quant. Results

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Calibration Last Update 8/13/2024 1:22:52 PM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-F11 **Comment**
Injection Volume 2
Acq. Date-Time 8/10/2024 1:09:32 PM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	380445	5207.74	77.1	2816.27	77554	233.9683 ng/ml
9-hydroxyrisperidone	4.589	288851	2998.55	3464.2	14581.59	1492114	245.5697 ng/ml
Alprazolam	5.728	1928853	389.86	105.5	1523.24	279260	252.6075 ng/ml
Amphetamine	2.999	6216631	260.36	49.4	72837.01	417810	217.2617 ng/ml
Benzoylcegonine	3.835	110217	2119.03	35.8	705.25	13739	257.6605 ng/ml
Buprenorphine	5.649	95793	1010.09	13.7	13611.53	154507	24.4015 ng/ml
Citalopram	5.166	4093127	∞	38.6	3022.05	710956	238.8726 ng/ml
Clonazepam	5.563	1108126	8667.33	36.6	5229.43	75546	228.7192 ng/ml
Cocaine	4.209	3194960	838.84	52.3	16933.20	1018640	250.4170 ng/ml
Codeine	2.535	313337	5068.36	98.8	334.31	63262	244.6330 ng/ml
Fentanyl	5.035	479510	684.65	76.3	221680.87	961988	23.0909 ng/ml
Lorazepam	5.699	489112	3558.89	52.0	892.74	176543	213.9555 ng/ml
Methamphetamine	3.168	7698285	33840.34	36.6	1552.79	1085557	251.6509 ng/ml
Norbuprenorphine	4.938	20214	578.65	85.2	803.00	32155	27.0959 ng/ml
Norfentanyl	4.028	608283	14622.36	39.1	5710.95	875071	25.9183 ng/ml
Noroxycodone	2.859	828991	2593.79	47.1	4121.40	402450	251.9236 ng/ml
Olanzapine	4.339	1655304	2513.26	59.5	2562.70	169513	245.8802 ng/ml
Oxycodone	2.784	2489113	1556.62	28.5	1388.94	402450	252.8303 ng/ml
Phentermine	3.717	1829471	498.13	4.5	611.00	943573	237.3087 ng/ml
Pseudoephedrine	2.538	7772908	91028.37	15.6	36943.30	1516388	240.9887 ng/ml
Quetiapine	5.478	5088497	2554.58	60.1	1131.28	320786	242.1957 ng/ml
Sertraline	5.735	1777813	3606.21	89.4	1302.22	268074	252.7154 ng/ml

AM #28 Multi-Drug Quant. Results

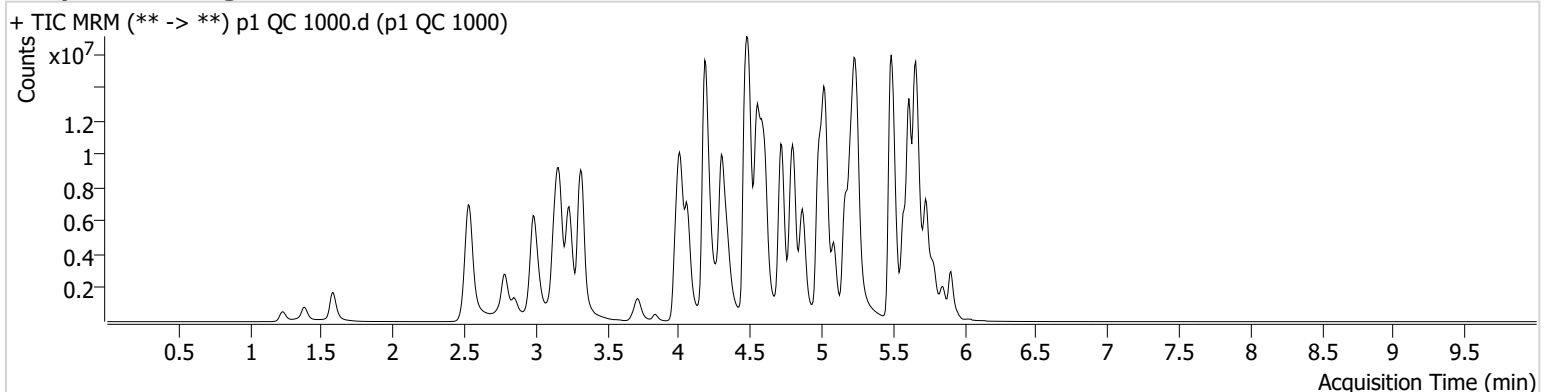


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Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-E11 **Comment**
Injection Volume 2
Acq. Date-Time 8/10/2024 1:30:50 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	474315	1686.66	78.7	5836.50	18459	1232.4438 ng/ml
9-hydroxyrisperidone	4.589	937161	327362.10	2814.3	1148.39	1155902	1028.0851 ng/ml
Alprazolam	5.728	4215710	421.33	107.3	484.26	153961	1000.8138 ng/ml
Amphetamine	2.992	13461058	104.06	48.6	190.32	350149	564.1608 ng/ml
Benzoylcegonine	3.835	457754	427.87	36.0	1667.84	14729	1000.2748 ng/ml
Buprenorphine	5.648	168490	3424.37	14.4	26081.25	90626	73.4077 ng/ml
Citalopram	5.166	10212314	313381.47	36.7	∞	402652	1051.2052 ng/ml
Clonazepam	5.563	1403383	2071.56	35.7	14196.82	32323	679.5314 ng/ml
Cocaine	4.209	8237678	214901.77	51.4	79843.23	632012	1040.2581 ng/ml
Codeine	2.535	791549	253.35	92.3	306.05	44316	884.4794 ng/ml
Fentanyl	5.035	1674184	995.96	76.3	6473.14	718739	107.7436 ng/ml
Lorazepam	5.699	759398	1110.47	51.4	399.43	52286	1124.2087 ng/ml
Methamphetamine	3.161	21409009	81663.77	37.7	172540.17	1014573	768.2538 ng/ml
Norbuprenorphine	4.938	65714	41524.19	93.4	84248.51	28109	101.5184 ng/ml
Norfentanyl	4.028	1068299	17345.51	38.5	1217.36	290688	136.8271 ng/ml
Noroxycodone	2.852	2602037	2605.55	48.4	292.73	375806	850.0673 ng/ml
Olanzapine	4.339	6806782	9623.34	58.2	8019.76	168100	1018.7153 ng/ml
Oxycodone	2.777	9210850	6755.38	27.9	2197.11	375806	1002.6802 ng/ml
Phentermine	3.717	4917895	∞	4.2	322.61	801365	753.0236 ng/ml
Pseudoephedrine	2.538	21350447	238.89	15.5	78128.57	954206	1050.5544 ng/ml
Quetiapine	5.471	12526696	1143.72	62.7	799.52	268722	713.1296 ng/ml
Sertraline	5.735	3554869	2171.60	89.0	1693.15	128480	1053.7902 ng/ml

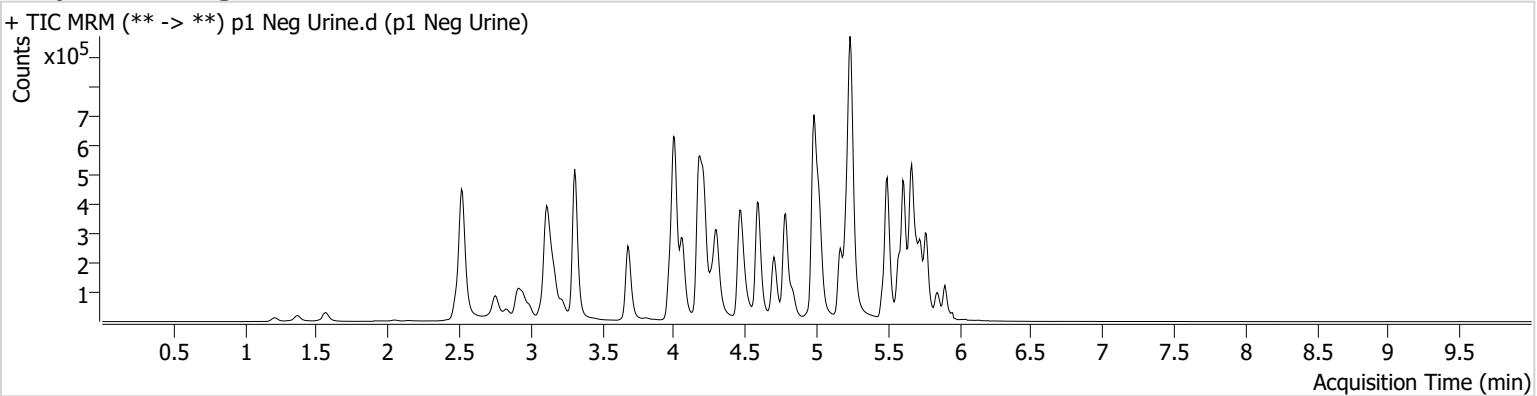
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AM #28 Multi-Drug Quant. Results

Batch results	D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin		
Calibration Last Update	8/13/2024 1:22:52 PM		
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Type	Sample	Sample	p1 Neg Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D9	Comment	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	8/10/2024 7:11:38 PM		
Sample Info.			

Sample Chromatogram



TS



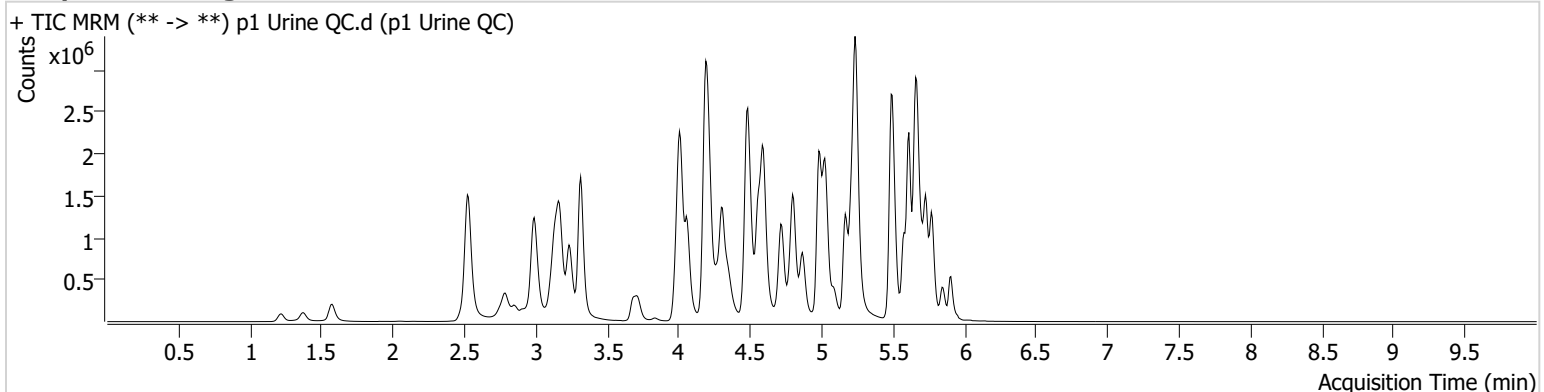
AM #28 Multi-Drug Quant. Results

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Calibration Last Update 8/13/2024 1:22:52 PM

Instrument Falco (069901) **Data File** p1 Urine QC.d
Type Sample **Sample** p1 Urine QC
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-D11 **Comment**
Injection Volume 2
Acq. Date-Time 8/10/2024 8:26:14 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	257373	1942.99	78.9	408.92	123485	98.4694 ng/ml
9-hydroxyrisperidone	4.589	96388	1598.72	3181.8	15067.32	1231373	99.3710 ng/ml
Alprazolam	5.728	710976	1486.64	105.0	1319.38	252490	103.1045 ng/ml
Amphetamine	2.992	2345967	18954.93	51.3	1435.61	338250	100.3246 ng/ml
Benzoylcegonine	3.835	35964	1122.86	35.1	219.55	12109	94.9520 ng/ml
Buprenorphine	5.655	36631	1479.17	14.1	3701.01	138150	10.3690 ng/ml
Citalopram	5.166	1414619	1524.14	39.5	760.96	622808	94.4391 ng/ml
Clonazepam	5.570	370058	958.70	35.6	325.70	50832	112.8675 ng/ml
Cocaine	4.209	1168779	472.42	51.7	7502.50	933614	100.0222 ng/ml
Codeine	2.535	123950	404.03	100.2	144.92	57574	105.8349 ng/ml
Fentanyl	5.035	152193	390.08	75.8	445.40	808757	8.7450 ng/ml
Lorazepam	5.706	231372	654.00	54.1	217.61	198173	89.8130 ng/ml
Methamphetamine	3.168	2545175	842.32	37.6	1003.50	848314	100.7891 ng/ml
Norbuprenorphine	4.938	6663	2605.61	89.0	1050.76	25792	10.9704 ng/ml
Norfentanyl	4.028	233897	595.21	38.8	601.31	902864	9.6888 ng/ml
Noroxycodone	2.852	309641	659.27	49.4	9469.83	355930	105.5968 ng/ml
Olanzapine	4.346	818359	1186.83	58.6	2869.91	210008	98.2847 ng/ml
Oxycodone	2.784	882211	2171.11	27.8	624.26	355930	101.1688 ng/ml
Phentermine	3.717	646832	1121.53	4.5	1107.48	747758	105.3899 ng/ml
Pseudoephedrine	2.532	2717619	35956.65	16.1	9240.64	1364276	93.9010 ng/ml
Quetiapine	5.478	1722365	86346.39	59.0	20382.73	255680	102.4430 ng/ml
Sertraline	5.735	455819	1598.06	88.6	4525.74	179242	97.0162 ng/ml

TS



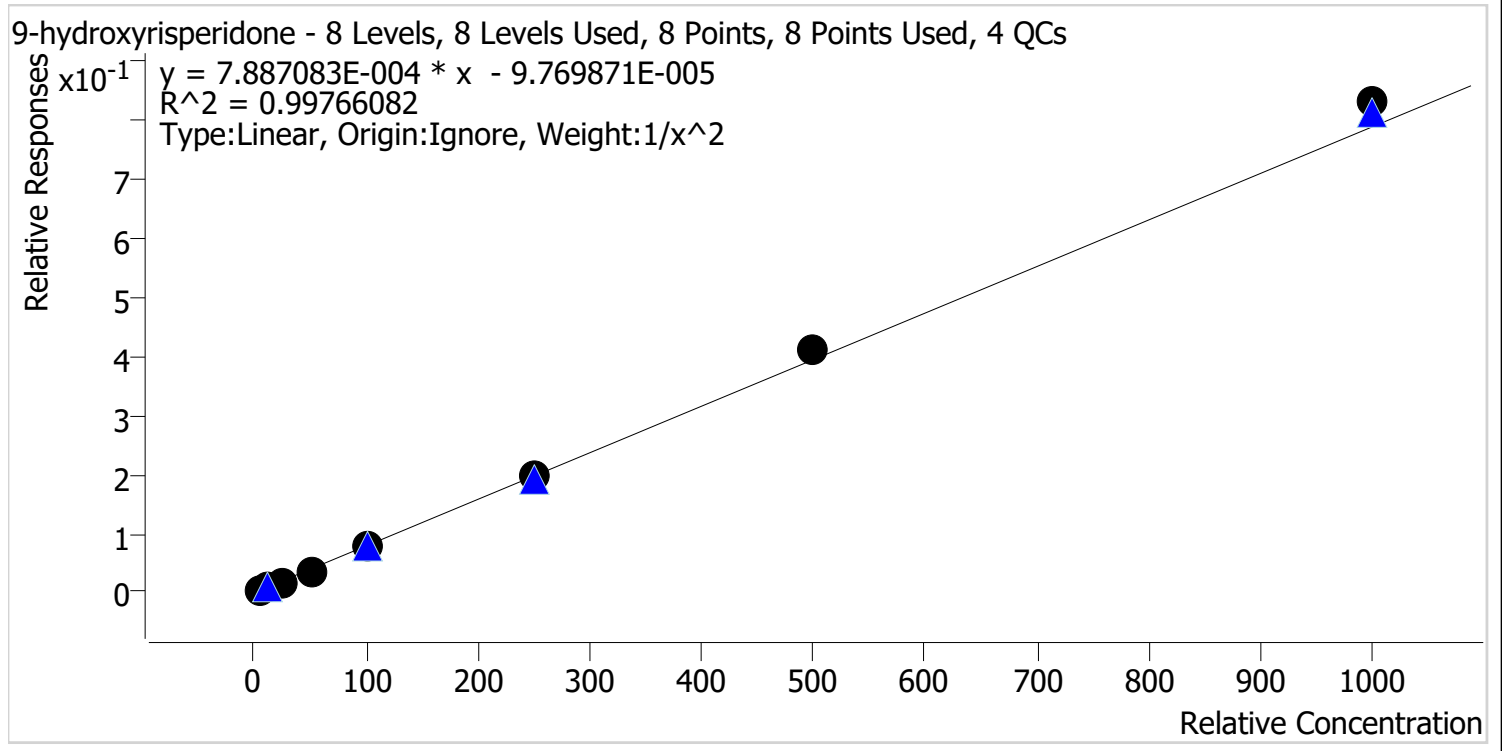
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	522.3	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1053.6	105.4

TS



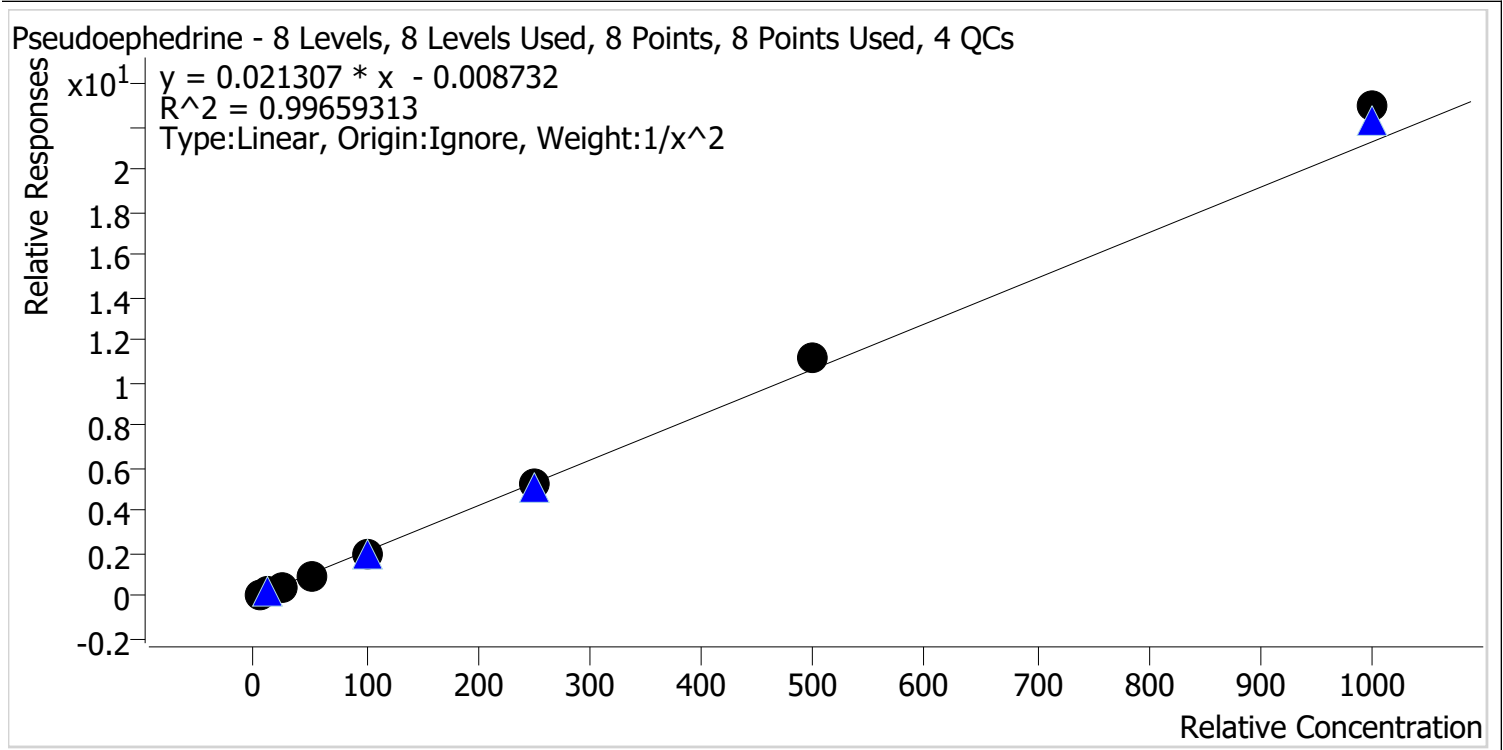
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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	47.2	94.3
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	527.2	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1078.1	107.8

TS



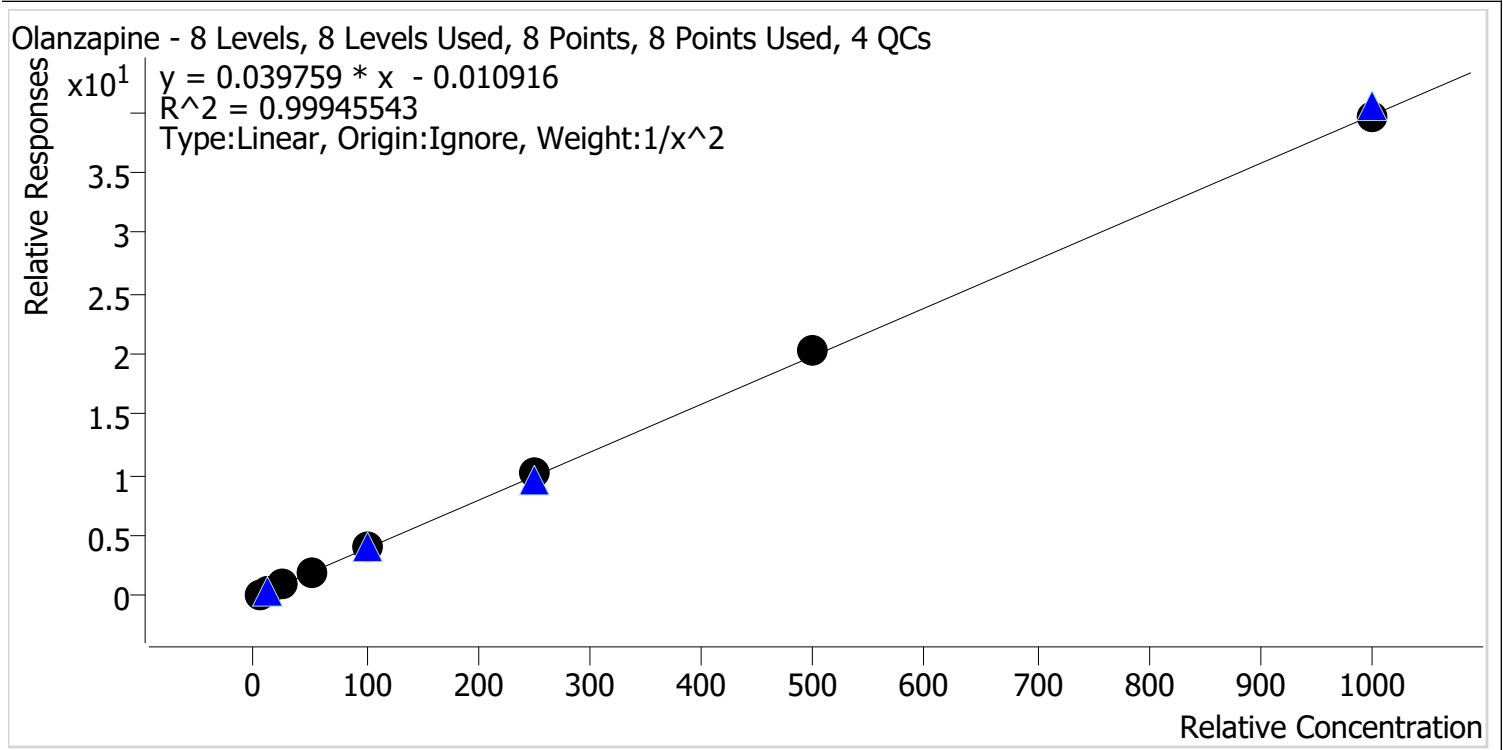
AM #28 Multi-Drug Quant. Calibration Curve Report

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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	510.2	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1000.2	100.0

TS



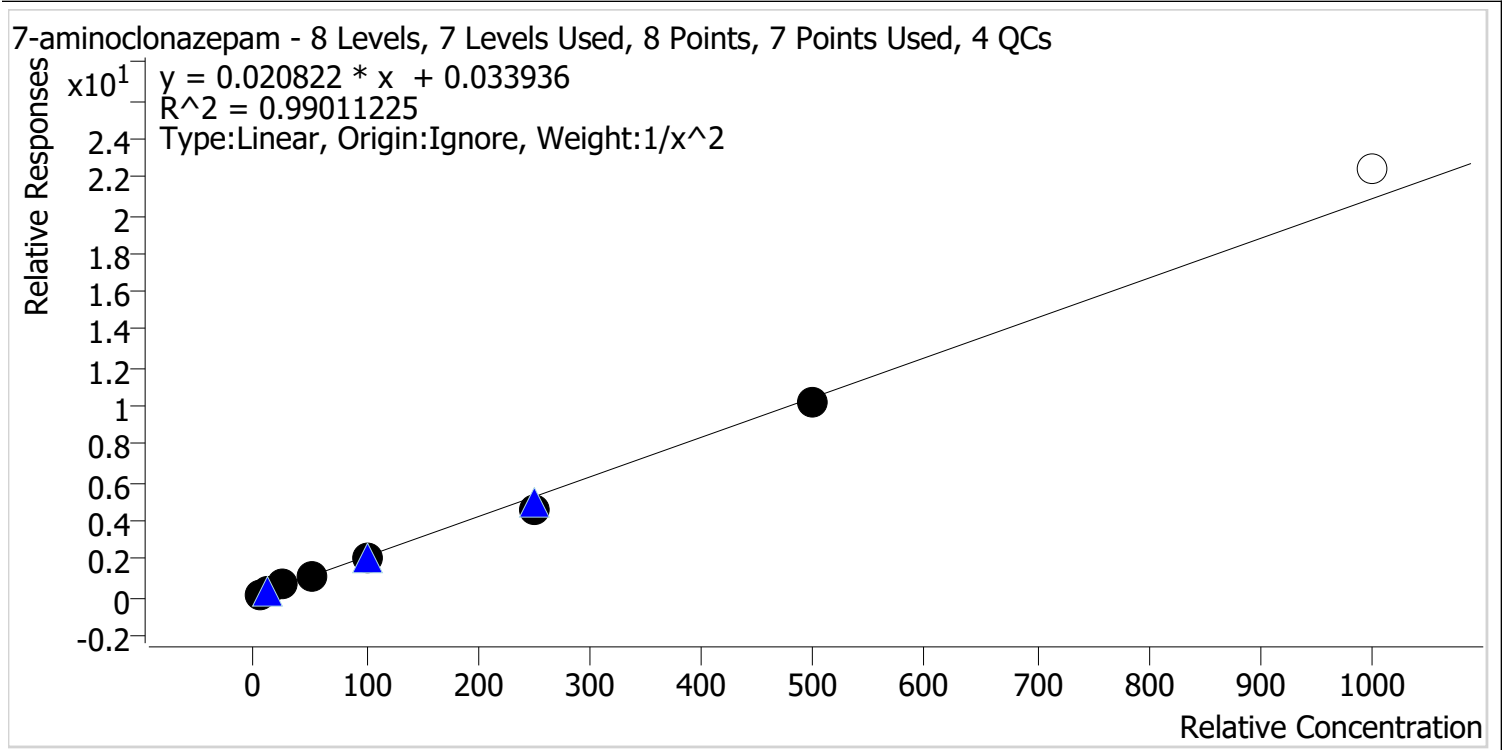
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Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

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	4.7	93.5
p1 Cal 2-10ng	2	✓	10.0	10.9	108.7
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	219.3	87.7
p1 Cal 7-500ng	7	✓	500.0	488.0	97.6
p1 Cal 8-1000ng	8	✗	1000.0	1073.5	107.3

TS



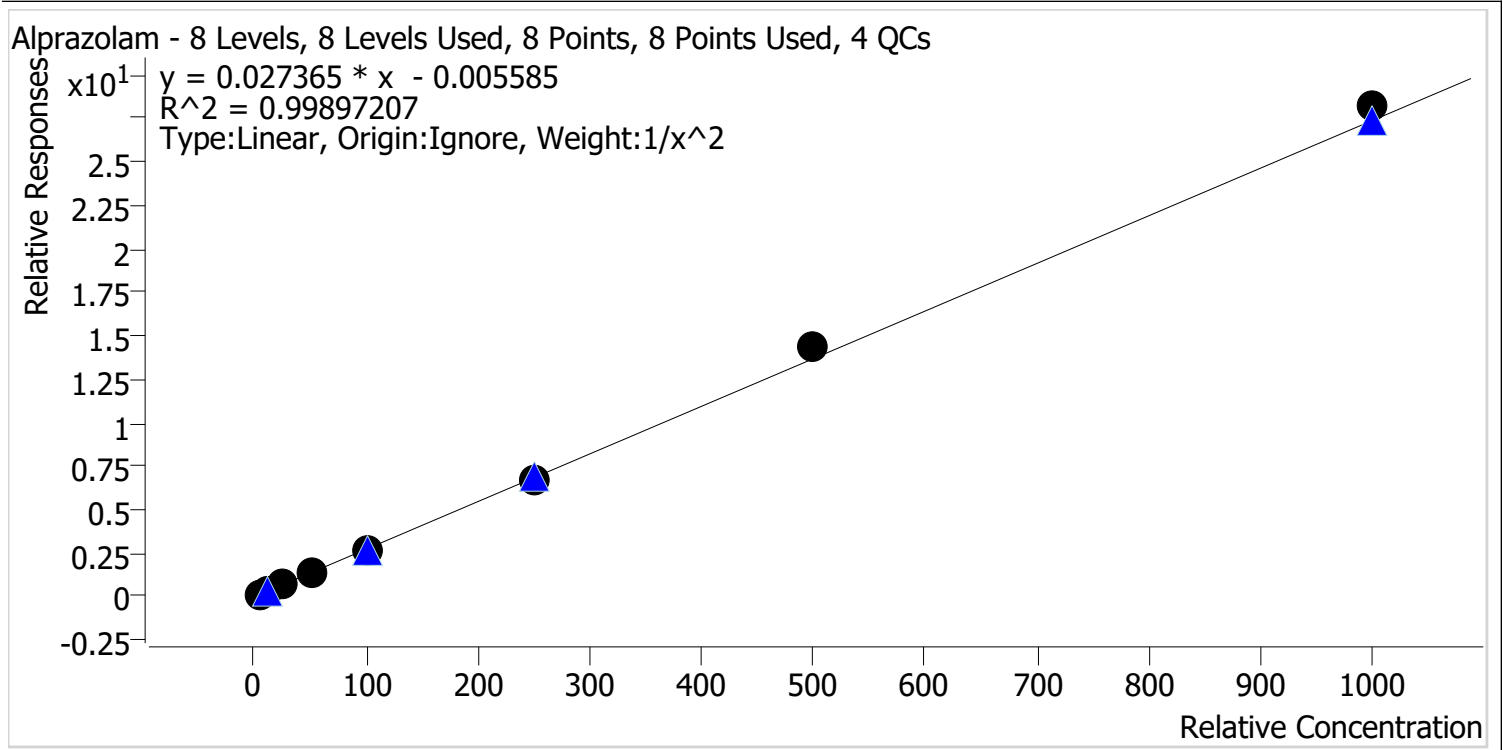
AM #28 Multi-Drug Quant. Calibration Curve Report

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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	522.3	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1030.1	103.0

TS



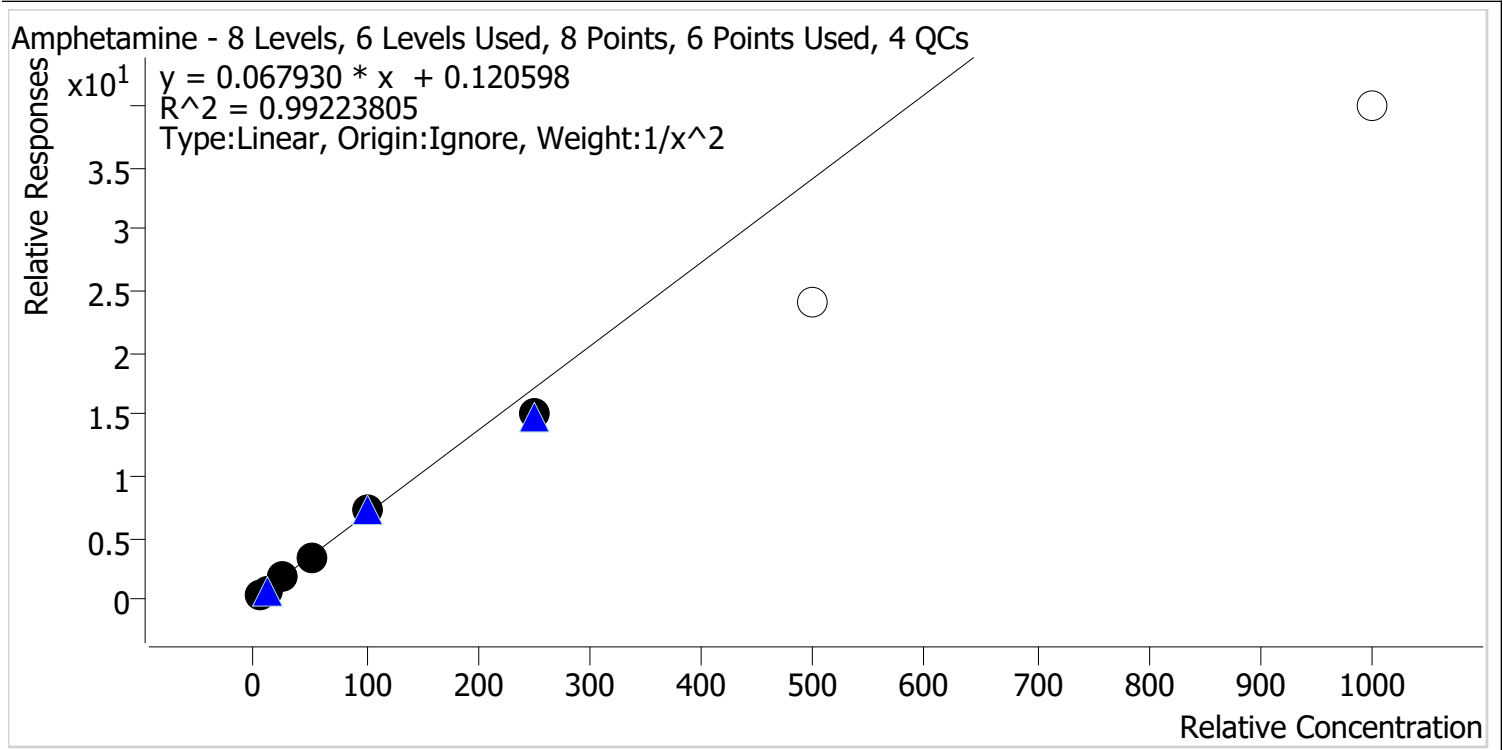
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Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

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	98.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	218.5	87.4
p1 Cal 7-500ng	7	✗	500.0	351.6	70.3
p1 Cal 8-1000ng	8	✗	1000.0	585.6	58.6

TS



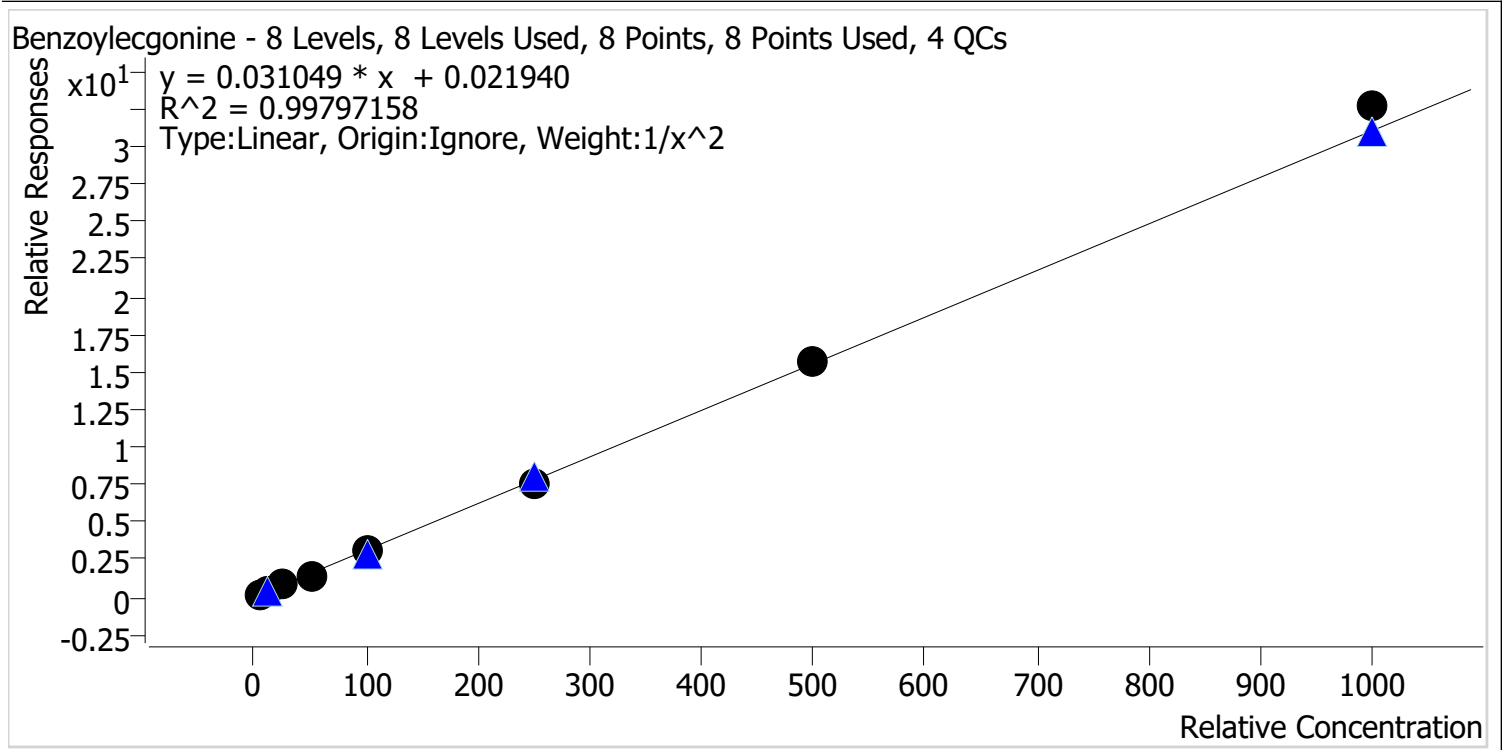
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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1052.6	105.3

TS



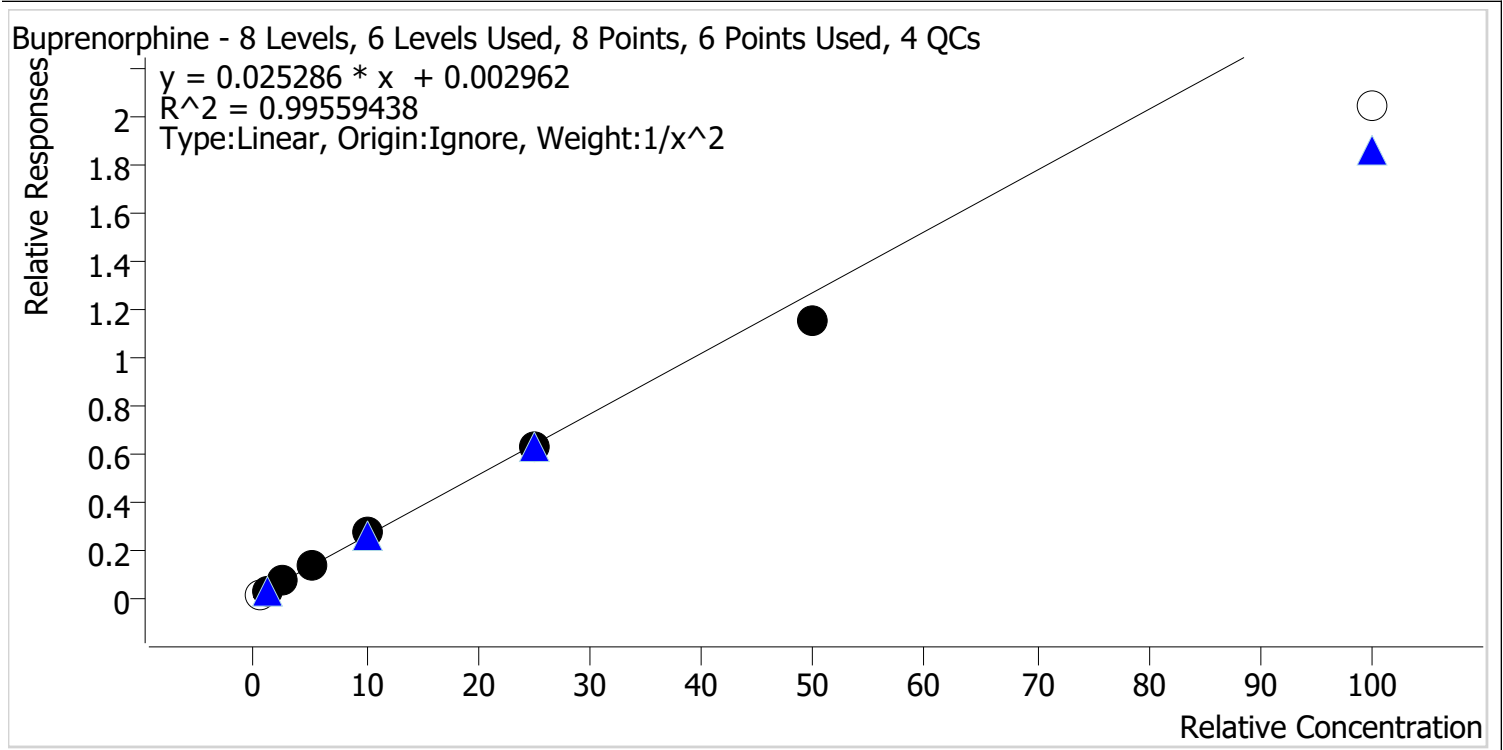
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Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
 error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	84.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.0
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.0
p1 Cal 4-50ng	4	✓	5.0	5.3	107.0
p1 Cal 5-100ng	5	✓	10.0	10.4	103.8
p1 Cal 6-250ng	6	✓	25.0	24.8	99.3
p1 Cal 7-500ng	7	✓	50.0	45.4	90.9
p1 Cal 8-1000ng	8	x	100.0	80.5	80.5

TS



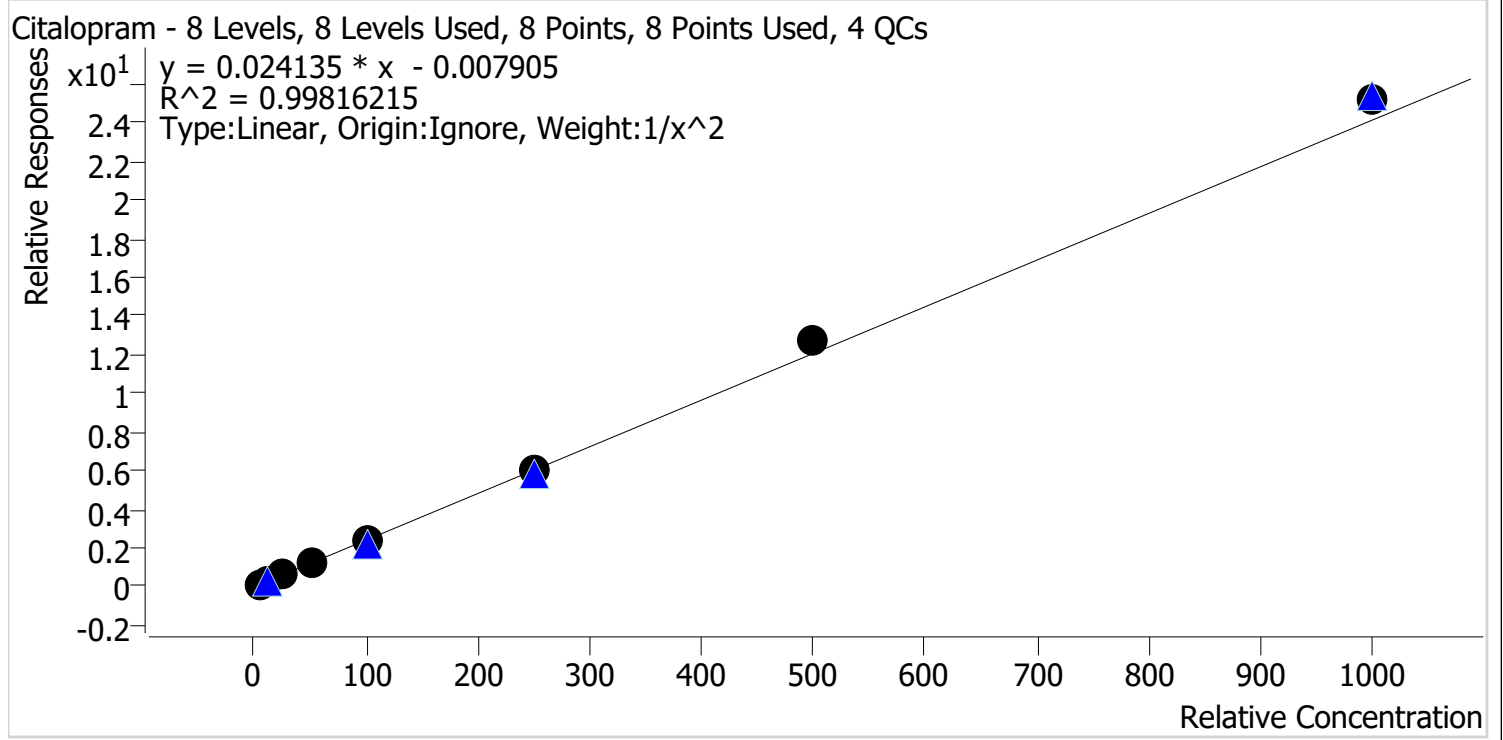
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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Citalopram **Internal Standard** Citalopram-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	526.6	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1042.3	104.2

TS



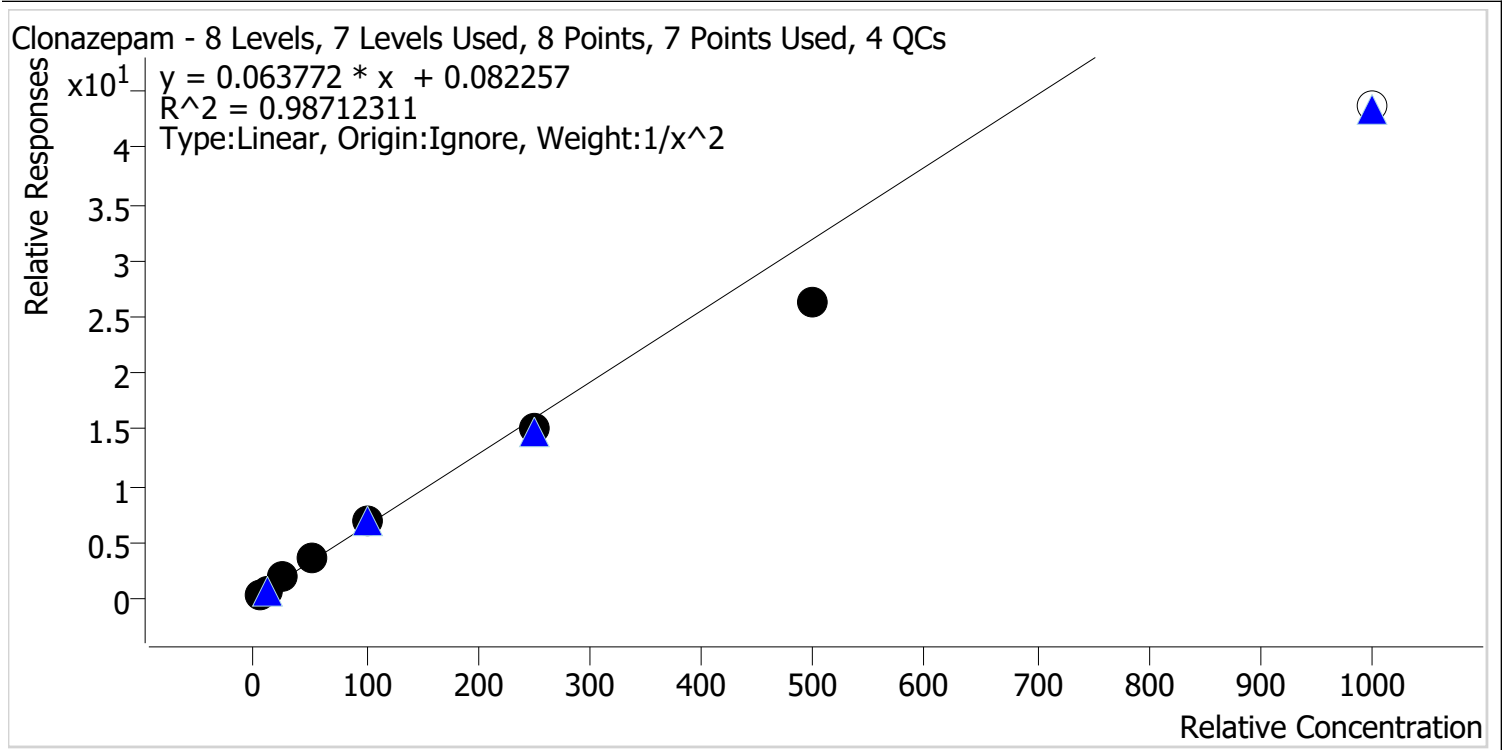
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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.2
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
p1 Cal 7-500ng	7	✓	500.0	412.3	82.5
p1 Cal 8-1000ng	8	x	1000.0	684.4	68.4

TS



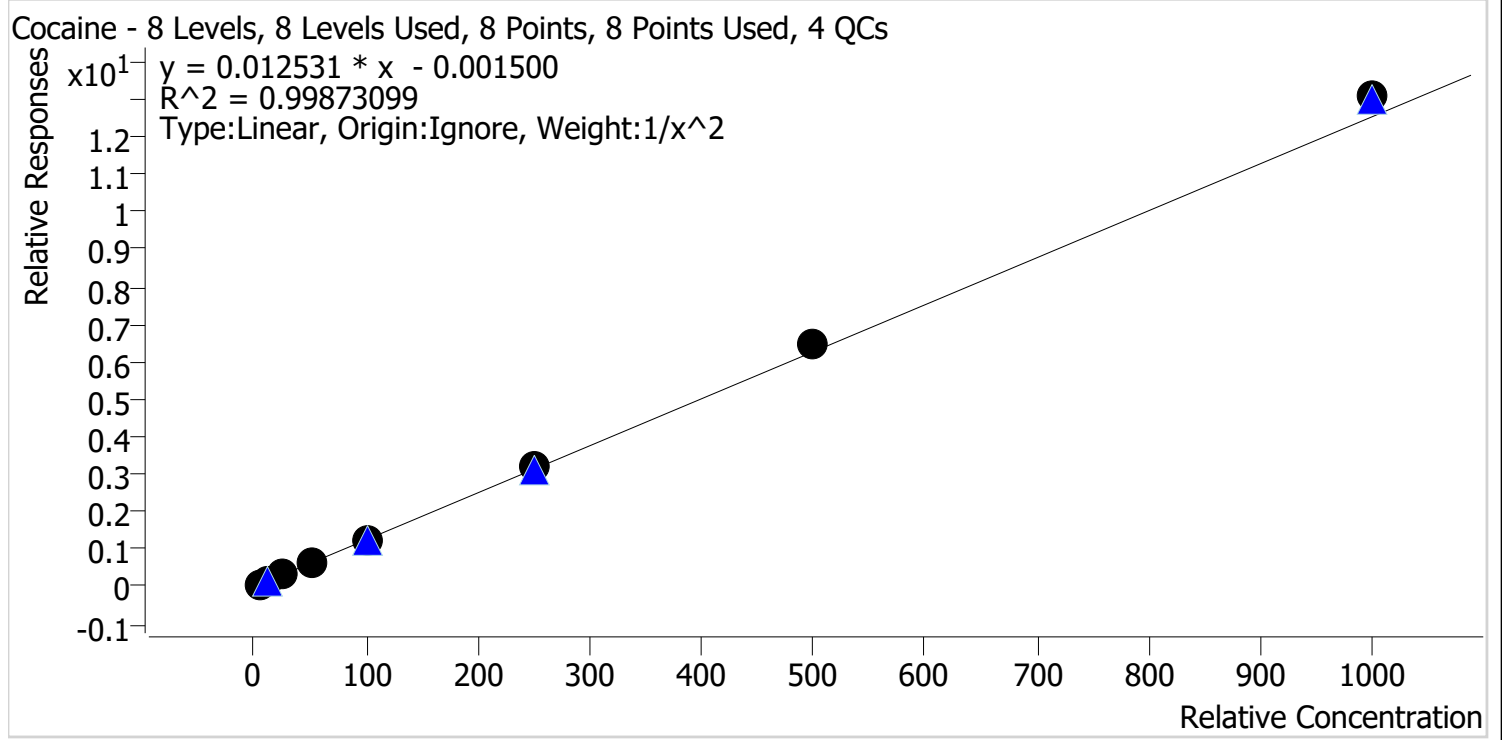
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Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Cocaine **Internal Standard** Cocaine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	513.2	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1043.6	104.4

TS



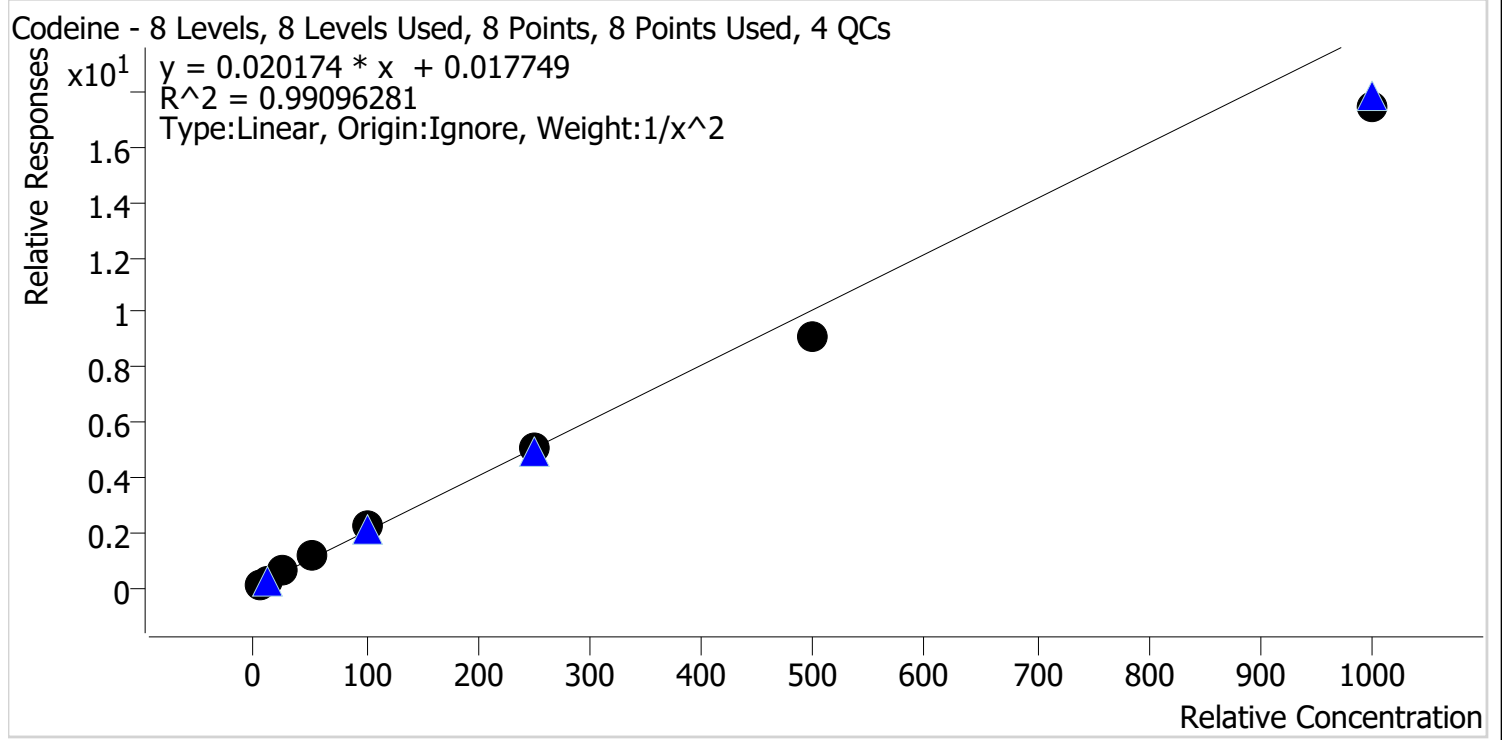
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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.4
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	454.7	90.9
p1 Cal 8-1000ng	8	✓	1000.0	867.0	86.7

TS



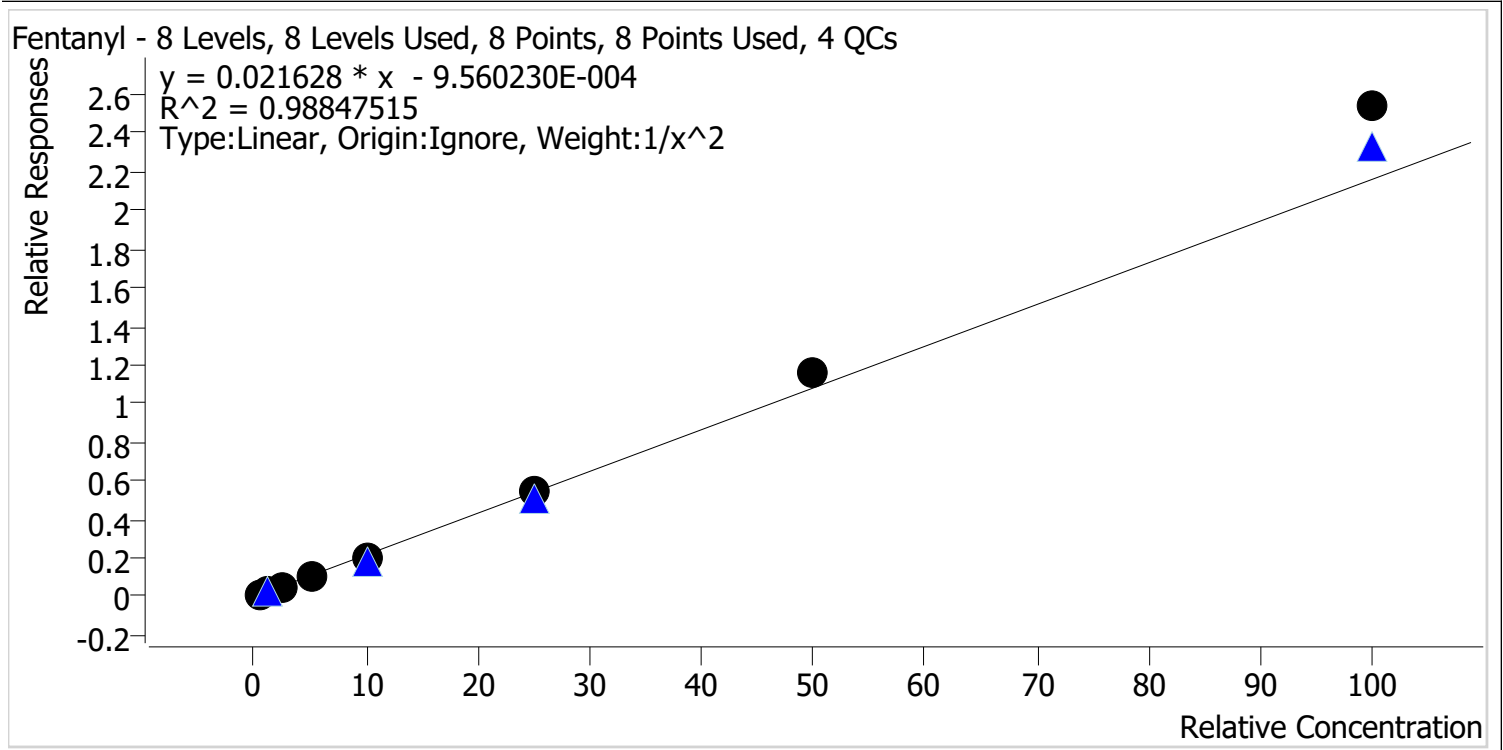
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error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.6
p1 Cal 2-10ng	2	✓	1.0	0.9	94.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.7
p1 Cal 4-50ng	4	✓	5.0	4.5	90.7
p1 Cal 5-100ng	5	✓	10.0	9.3	92.8
p1 Cal 6-250ng	6	✓	25.0	24.9	99.7
p1 Cal 7-500ng	7	✓	50.0	53.5	107.0
p1 Cal 8-1000ng	8	✓	100.0	117.5	117.5

TS



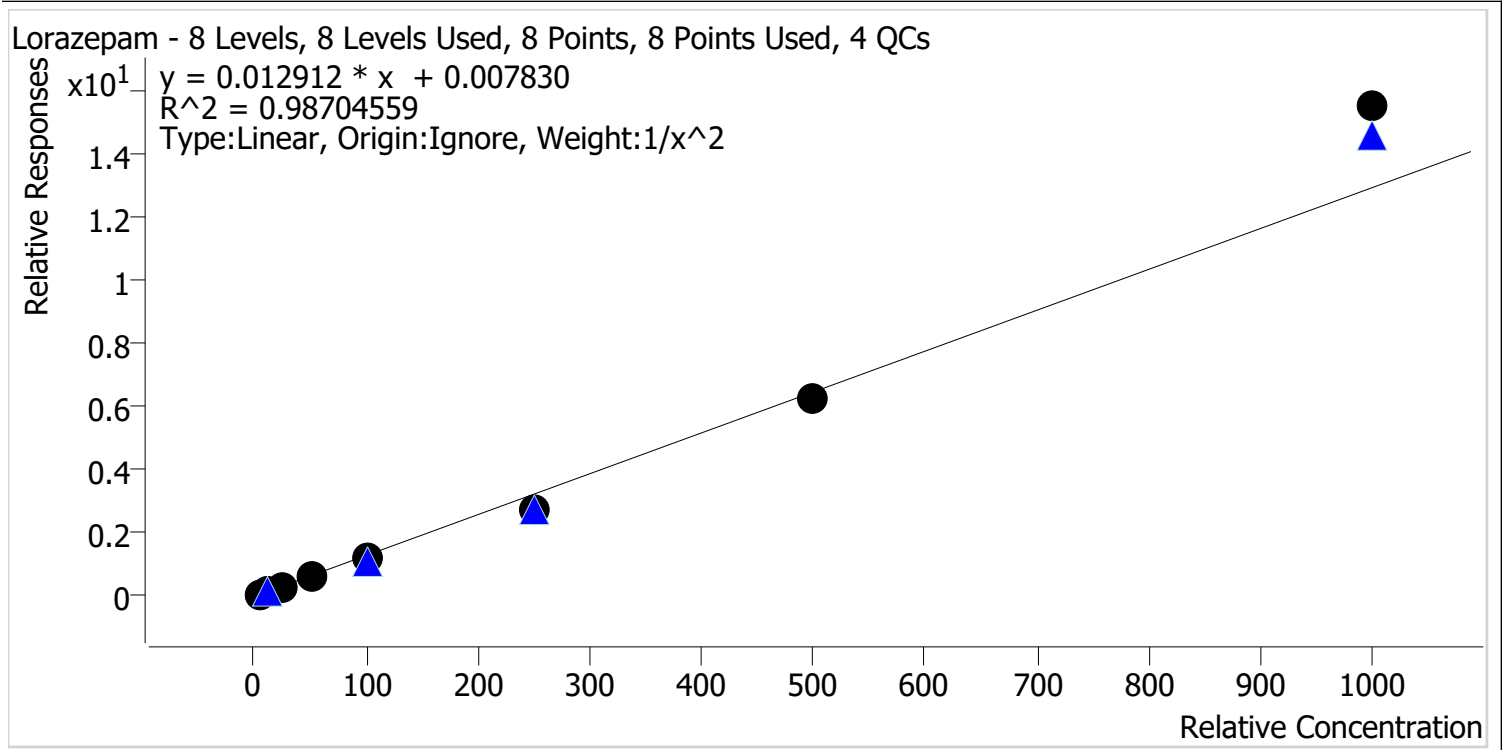
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Lorazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	215.2	86.1
p1 Cal 7-500ng	7	✓	500.0	480.1	96.0
p1 Cal 8-1000ng	8	✓	1000.0	1199.2	119.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update

8/13/2024 1:22 PM

Analyst Name

ISP\Datastor

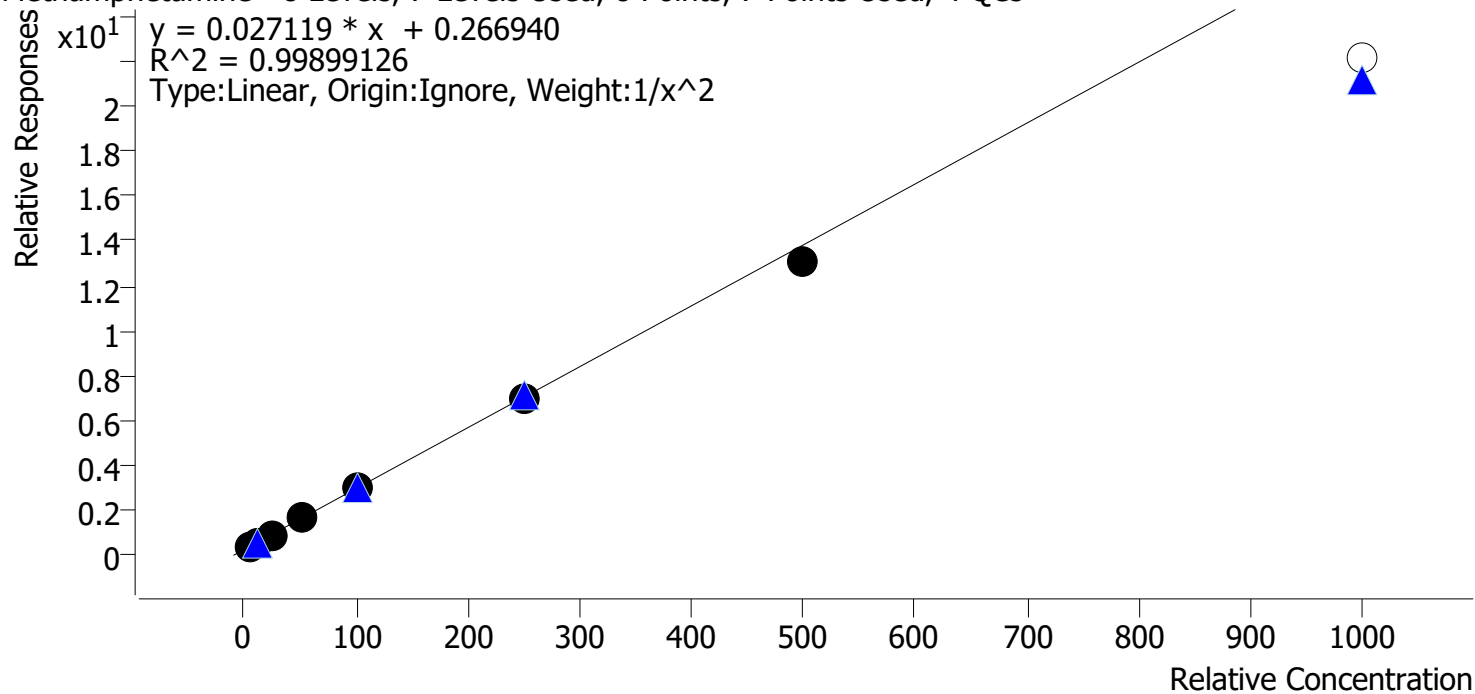
Analyte

Methamphetamine

Internal Standard

Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	475.7	95.1
p1 Cal 8-1000ng	8	✗	1000.0	806.5	80.7

TS



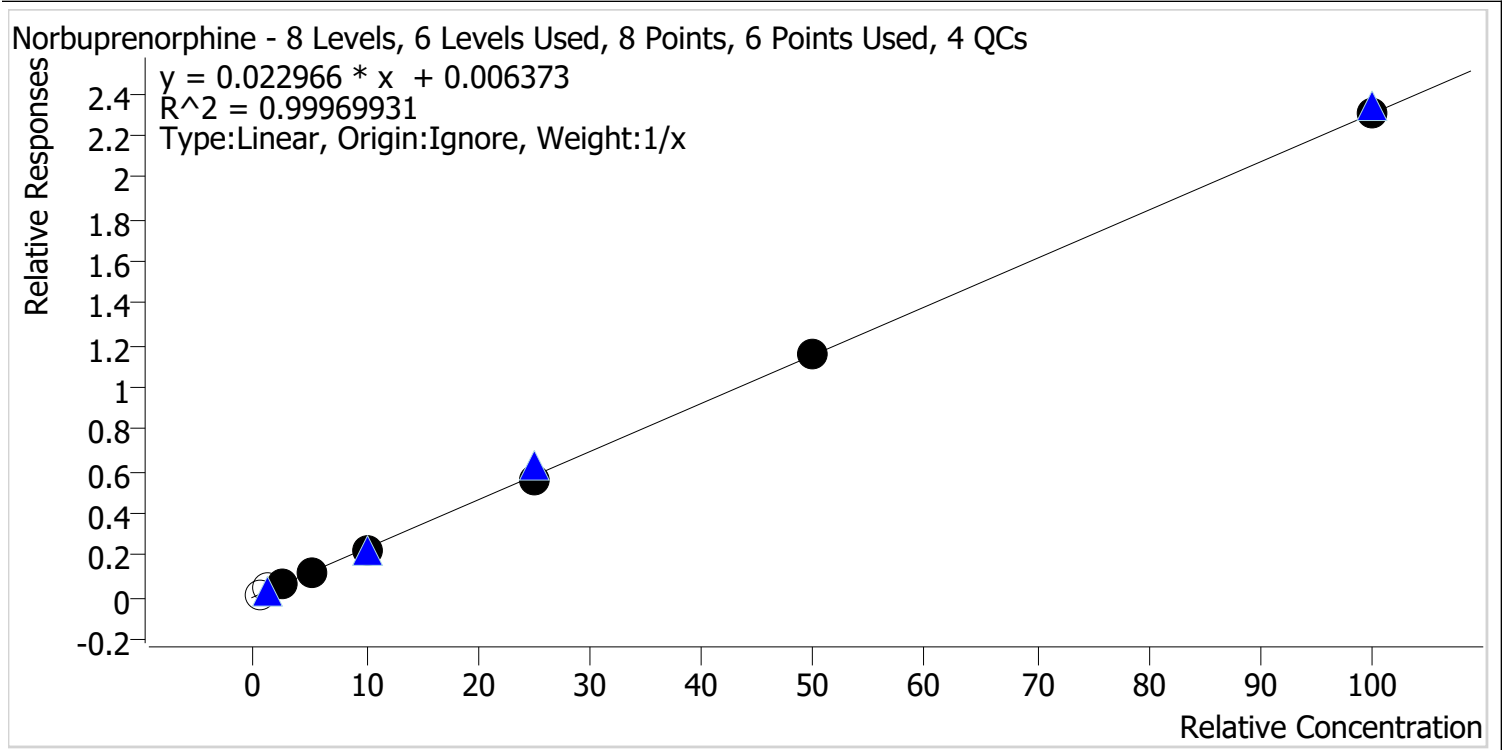
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	88.5
p1 Cal 2-10ng	2	x	1.0	1.6	161.8
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.3
p1 Cal 4-50ng	4	✓	5.0	5.1	102.3
p1 Cal 5-100ng	5	✓	10.0	9.6	95.6
p1 Cal 6-250ng	6	✓	25.0	24.4	97.6
p1 Cal 7-500ng	7	✓	50.0	50.4	100.8
p1 Cal 8-1000ng	8	✓	100.0	100.4	100.4

TS



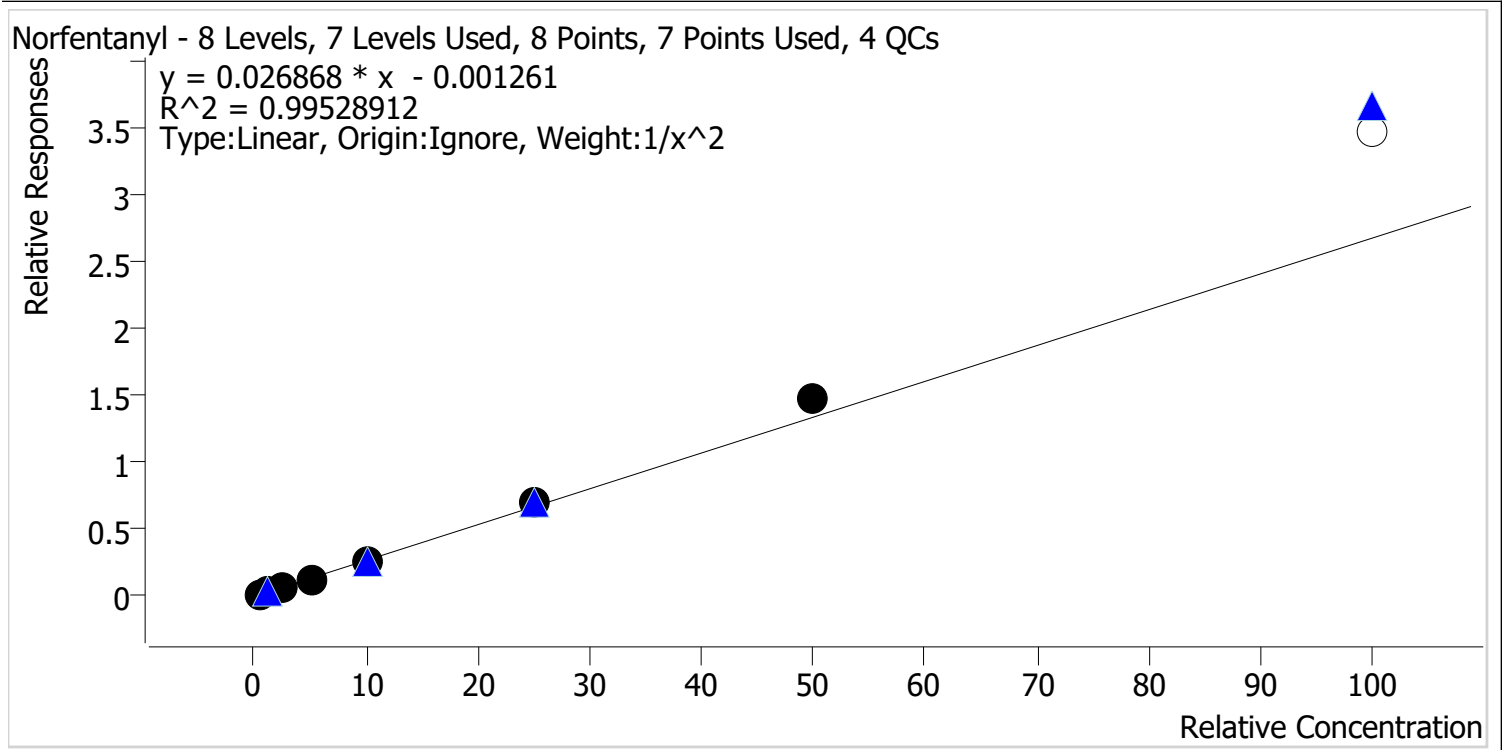
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.6
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.1
p1 Cal 4-50ng	4	✓	5.0	4.8	95.5
p1 Cal 5-100ng	5	✓	10.0	9.6	96.1
p1 Cal 6-250ng	6	✓	25.0	26.1	104.4
p1 Cal 7-500ng	7	✓	50.0	54.8	109.6
p1 Cal 8-1000ng	8	✗	100.0	129.5	129.5

TS



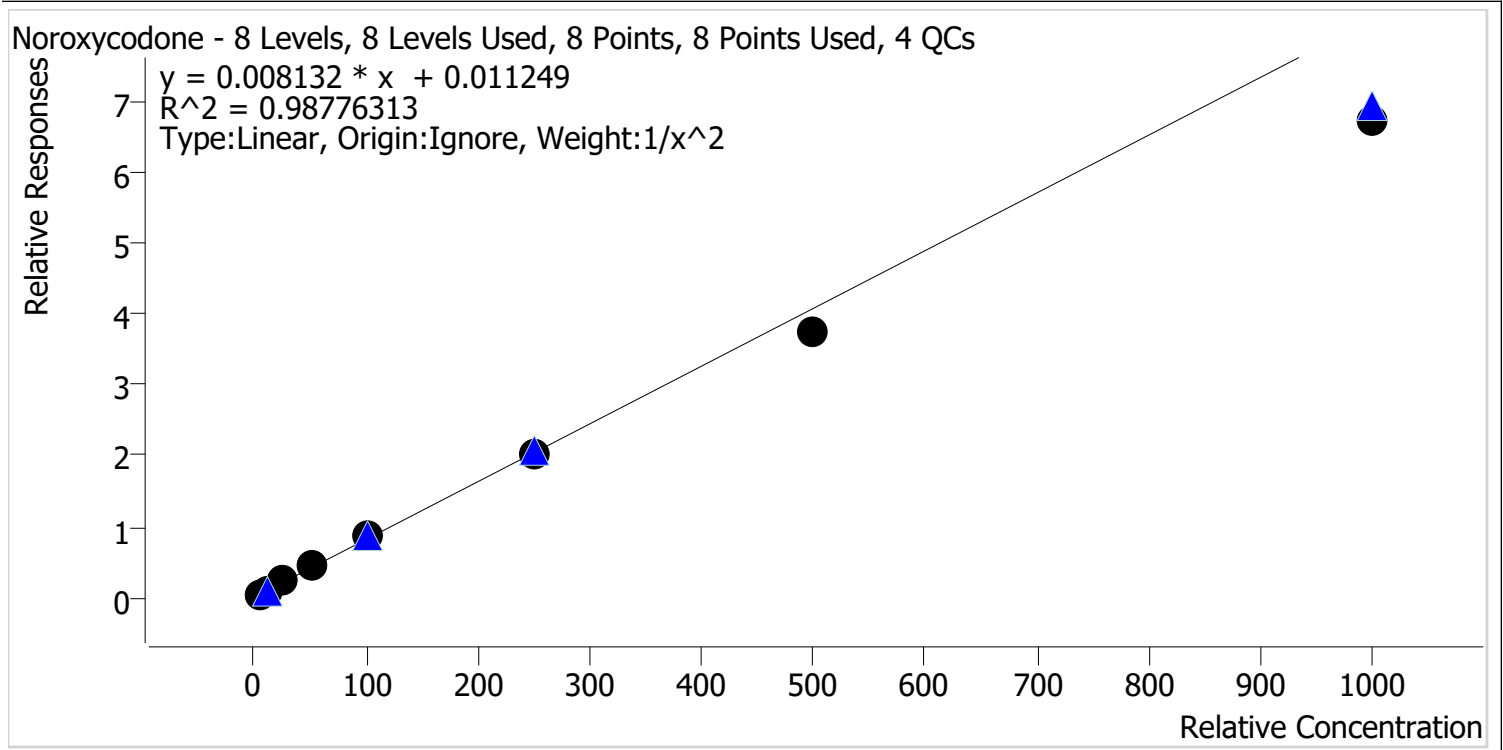
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Noroxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	55.7	111.3
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	461.6	92.3
p1 Cal 8-1000ng	8	✓	1000.0	825.3	82.5

TS



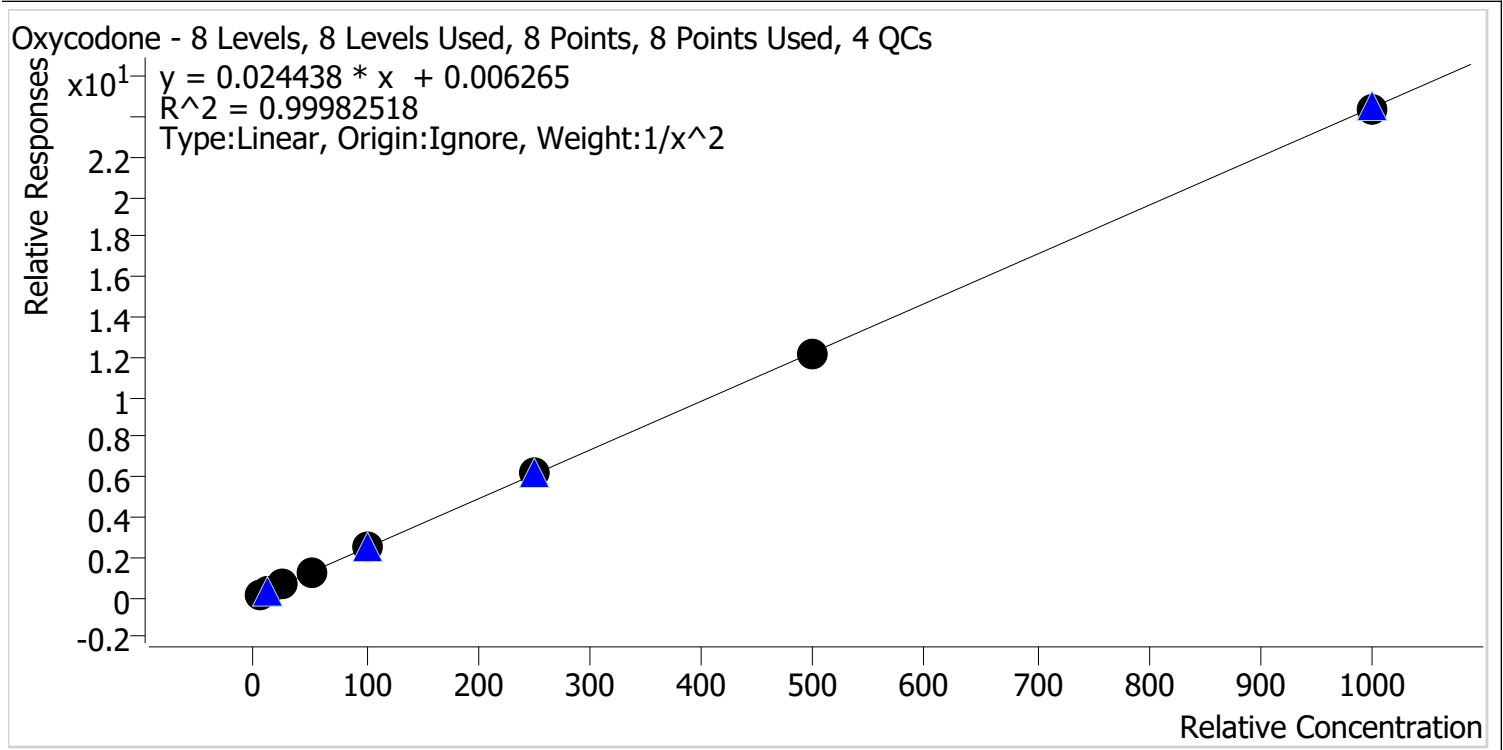
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Oxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
p1 Cal 8-1000ng	8	✓	1000.0	997.8	99.8

TS



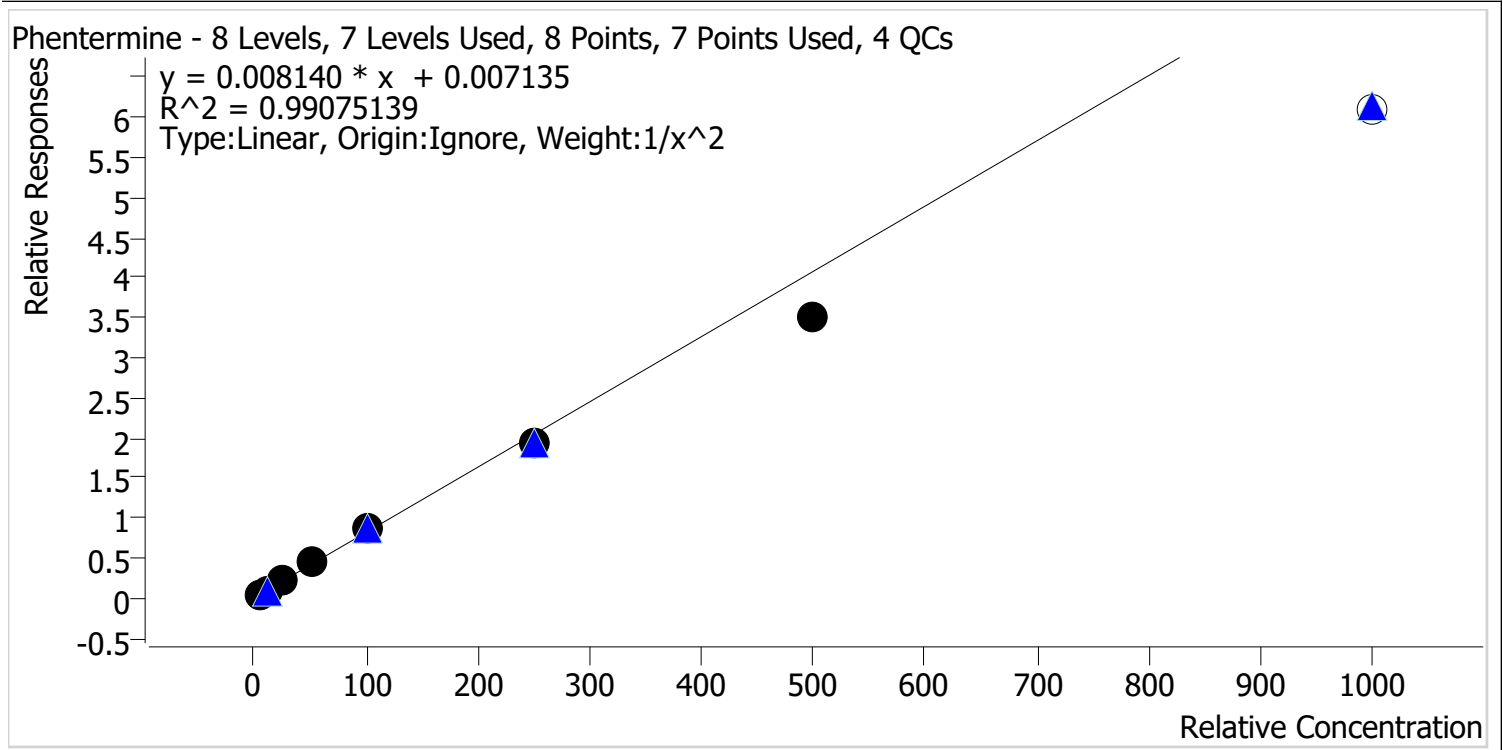
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

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	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	54.9	109.9
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	239.0	95.6
p1 Cal 7-500ng	7	✓	500.0	427.6	85.5
p1 Cal 8-1000ng	8	x	1000.0	748.8	74.9

TS



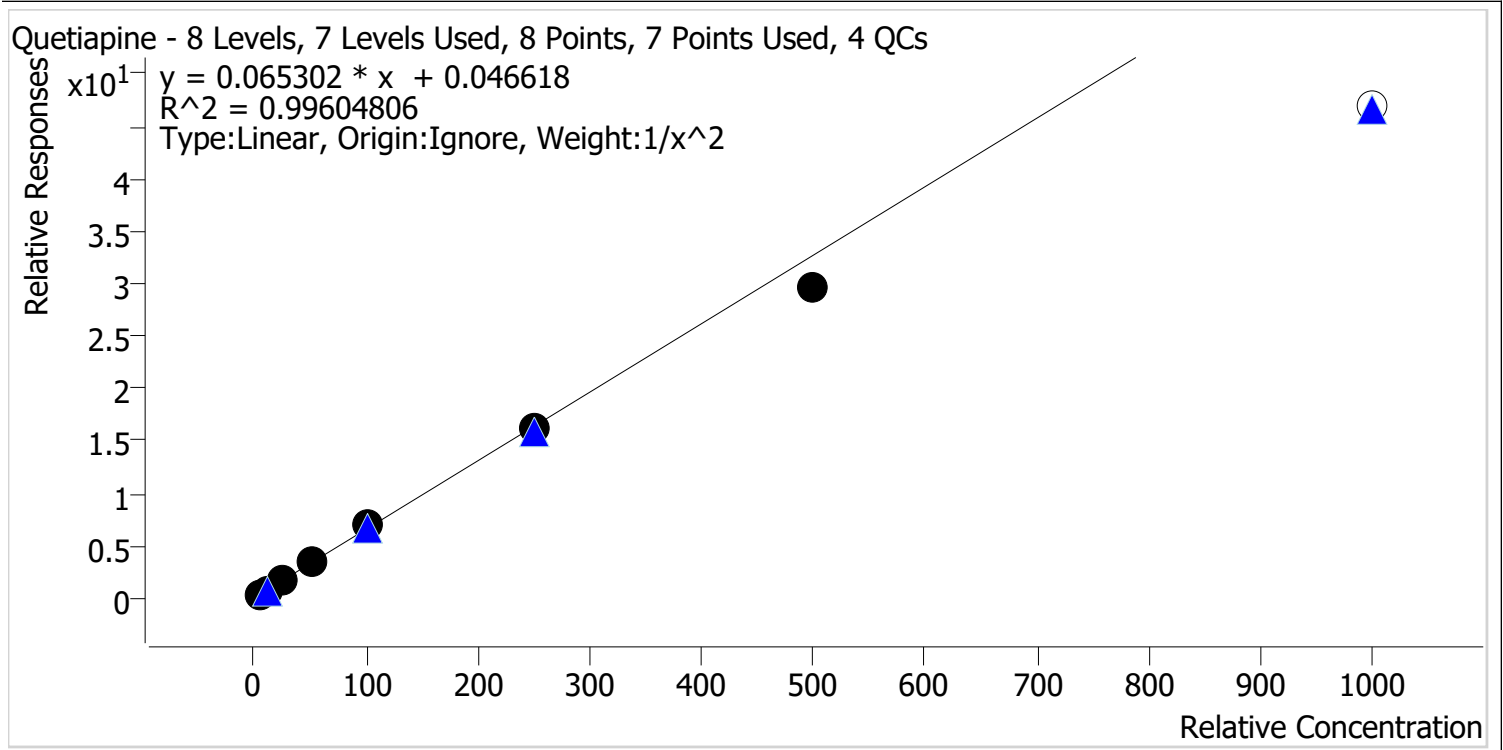
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	450.8	90.2
p1 Cal 8-1000ng	8	✗	1000.0	717.4	71.7

TS



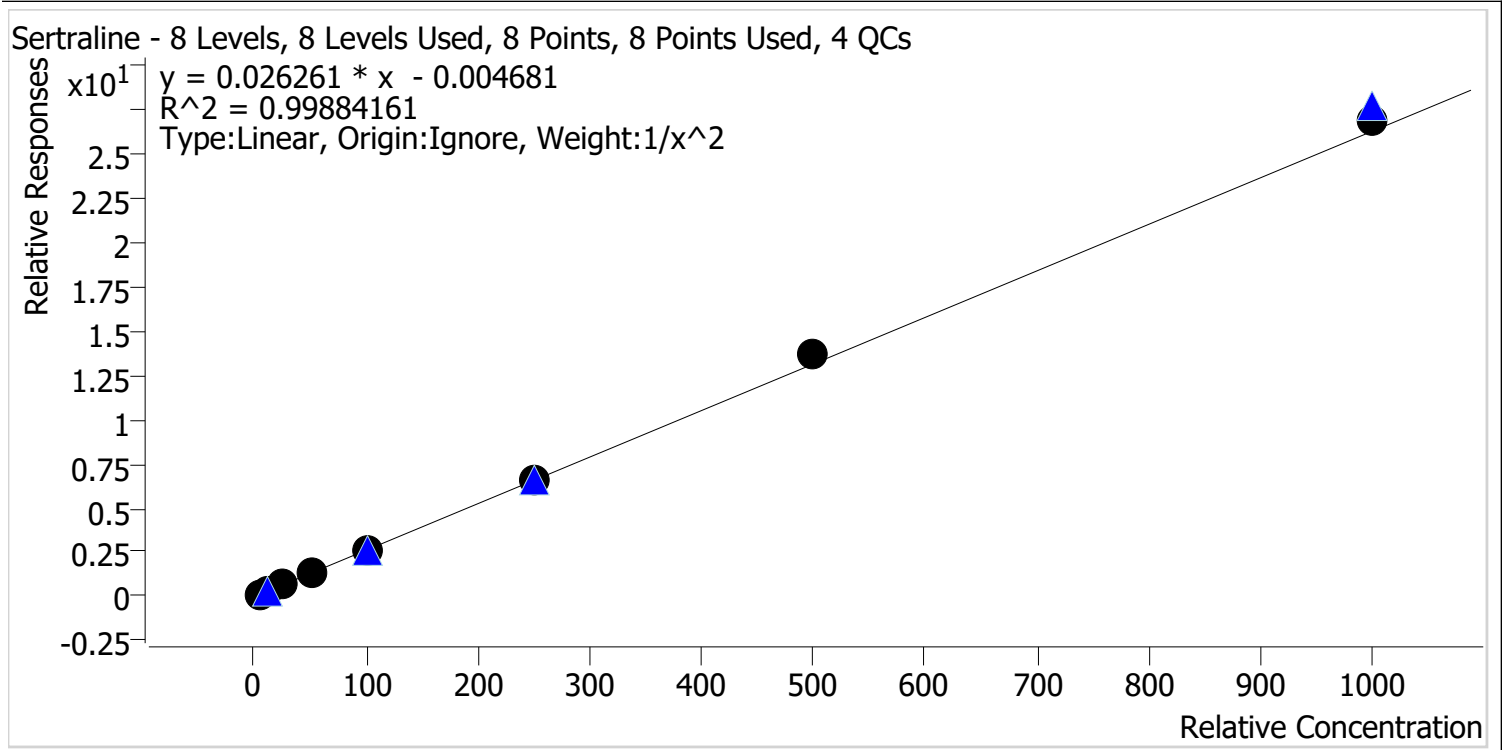
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ
error\QuantResults\AM 28_Cases.batch.bin

Last Cal. Update 8/13/2024 1:22 PM

Analyst Name ISP\Datastor

Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	520.1	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1026.7	102.7

TS



AM #28 Multi-Drug Quant. Results

Batch results
Calibration Last Update

D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin
8/13/2024 1:22:52 PM

Instrument Type
Acq. Method
Sample Position
Injection Volume
Acq. Date-Time
Sample Info.

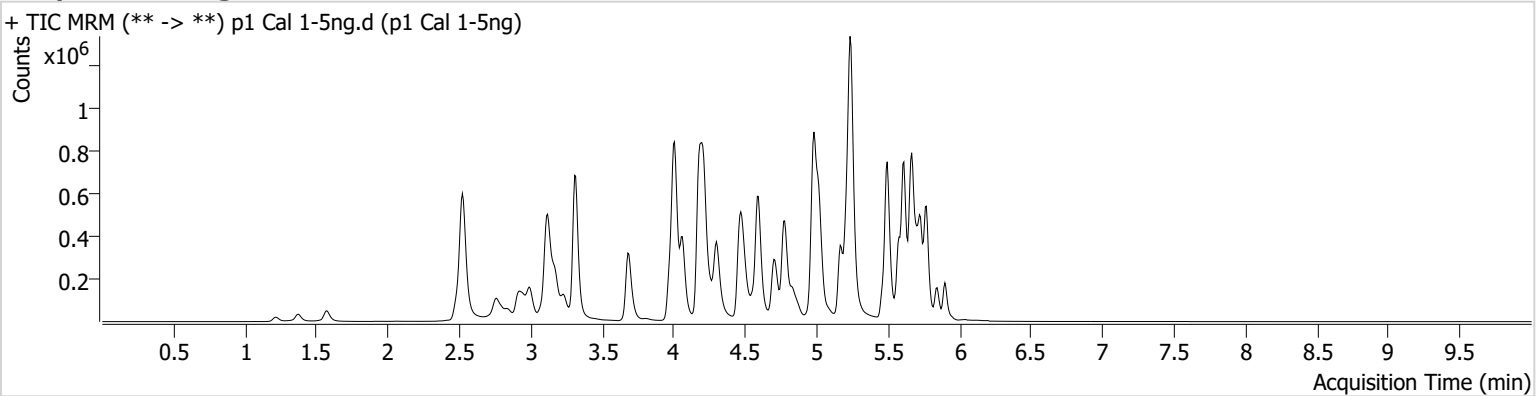
Falco (069901)
Cal
AM 28 MDQ P1.m
P6-H12
2
8/10/2024 10:50:59 AM

Data File
Sample
Operator
Comment

p1 Cal 1-5ng.d
p1 Cal 1-5ng
Tamara Salazar

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	27652	2384.36	78.5	47374.54	210635	4.6750 ng/ml
9-hydroxyrisperidone	4.596	5380	2121.91	3129.5	822.96	1361694	5.1330 ng/ml
Alprazolam	5.728	49913	164.80	106.1	153.87	373205	5.0914 ng/ml
Amphetamine	2.999	187957	819.40	52.7	1789.69	413914	4.9095 ng/ml
Benzoylcegonine	3.835	2364	73.68	36.4	19.22	13055	5.1252 ng/ml
Buprenorphine	5.642	2102	35.53	12.8	245.90	153831	0.4232 ng/ml
Citalopram	5.166	87567	396.99	40.0	67795.56	764350	5.0744 ng/ml
Clonazepam	5.570	42530	348.89	37.3	92.68	108818	4.8388 ng/ml
Cocaine	4.209	75764	302.86	52.4	532.44	1210044	5.1163 ng/ml
Codeine	2.535	8691	48.14	100.3	97.83	75592	4.8193 ng/ml
Fentanyl	5.035	9809	68.84	71.9	3668.44	937250	0.5281 ng/ml
Lorazepam	5.706	29913	183.02	53.4	52.17	424384	4.8524 ng/ml
Methamphetamine	3.175	396780	383.93	38.2	625.94	988549	4.9572 ng/ml
Norbuprenorphine	4.938	495	20.72	82.8	383.72	29952	0.4425 ng/ml
Norfentanyl	4.028	15557	186.92	42.0	52.25	1229656	0.5178 ng/ml
Noroxycodone	2.859	19650	163.70	48.3	23.66	393866	4.7517 ng/ml
Olanzapine	4.339	23774	177.77	59.8	244.14	125724	5.0307 ng/ml
Oxycodone	2.791	51175	586.98	27.4	418.05	393866	5.0604 ng/ml
Phentermine	3.717	44522	459.17	4.9	31.98	948631	4.8890 ng/ml
Pseudoephedrine	2.532	172618	691.64	16.9	50.64	1707769	5.1538 ng/ml
Quetiapine	5.478	111309	2188.26	58.7	21872.25	306832	4.8413 ng/ml
Sertraline	5.735	40629	315.67	90.7	158072.28	319292	5.0238 ng/ml

TS



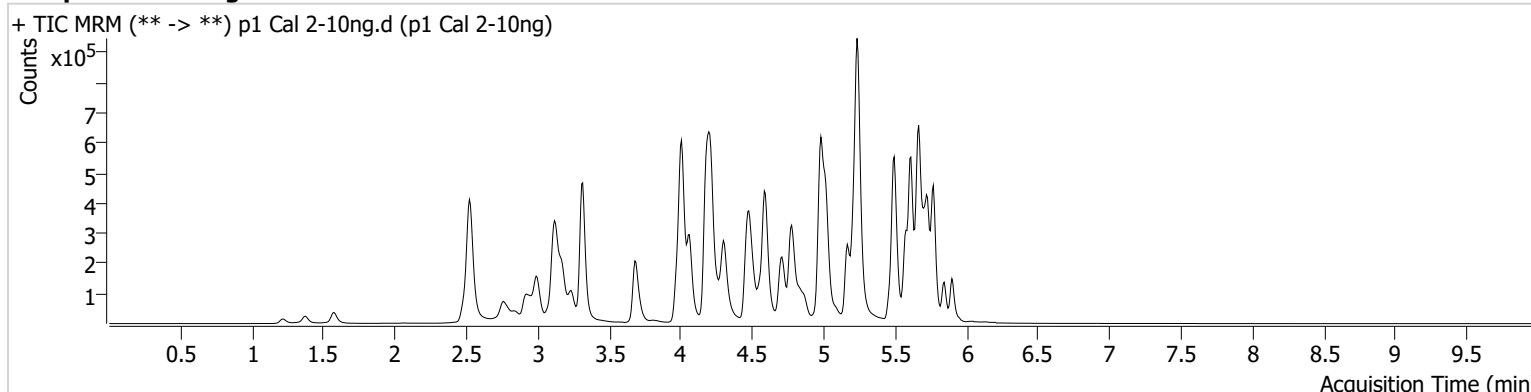
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin
Calibration Last Update 8/13/2024 1:22:52 PM

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** Tamara Salazar
Sample Position P6-G12 **Comment**
Injection Volume 2
Acq. Date-Time 8/10/2024 11:01:48 AM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	36822	59.28	79.7	85.86	141448	10.8725 ng/ml
9-hydroxyrisperidone	4.589	6707	1511.87	3237.6	3307.34	879391	9.7932 ng/ml
Alprazolam	5.728	65481	455.39	105.5	3317.71	249242	9.8047 ng/ml
Amphetamine	2.999	220286	505.77	54.1	1837.62	274539	10.0366 ng/ml
Benzoylcegonine	3.835	3145	174.33	37.6	81.59	9896	9.5279 ng/ml
Buprenorphine	5.642	2772	4249.23	15.6	295.16	99911	0.9802 ng/ml
Citalopram	5.166	111866	138.34	38.6	274.16	479214	9.9997 ng/ml
Clonazepam	5.570	61828	11615.88	36.8	160.62	85463	10.0543 ng/ml
Cocaine	4.209	91465	75756.87	54.3	95.71	758989	9.7364 ng/ml
Codeine	2.535	10618	219.75	103.6	39926.62	47731	10.1466 ng/ml
Fentanyl	5.035	11661	73.07	83.2	294.62	602115	0.9396 ng/ml
Lorazepam	5.706	45473	454.43	49.8	30.75	312256	10.6718 ng/ml
Methamphetamine	3.175	329739	280.53	38.3	403.94	609339	10.1109 ng/ml
Norbuprenorphine	4.944	820	171.65	64.8 Low	650.67	18825	1.6180 ng/ml
Norfentanyl	4.028	19338	∞	38.1	54.95	790229	0.9577 ng/ml
Noroxycodone	2.859	23602	508.70	45.8	18.88	246263	10.4024 ng/ml
Olanzapine	4.339	30808	368.72	56.0	622.56	79387	10.0352 ng/ml
Oxycodone	2.784	60251	501.14	28.1	239.68	246263	9.7552 ng/ml
Phentermine	3.717	52989	89.02	5.3	43.79	599872	9.9750 ng/ml
Pseudoephedrine	2.532	208075	347.26	16.5	277.97	1047819	9.7299 ng/ml
Quetiapine	5.478	140790	240449.90	58.8	64528.39	192814	10.4677 ng/ml
Sertraline	5.735	58037	310.34	87.8	30926.93	221713	10.1463 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Batch results
Calibration Last Update

D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin
8/13/2024 1:22:52 PM

Instrument Type
Acq. Method
Sample Position
Injection Volume
Acq. Date-Time
Sample Info.

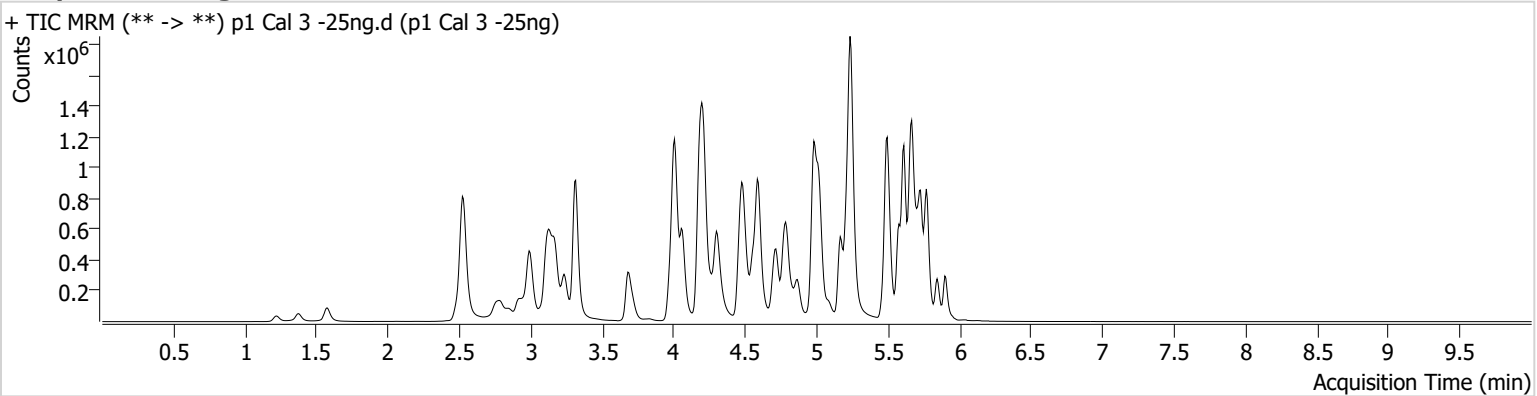
Falco (069901)
Cal
AM 28 MDQ P1.m
P6-F12
2
8/10/2024 11:12:26 AM

Data File
Sample
Operator
Comment

p1 Cal 3 -25ng.d
p1 Cal 3 -25ng
Tamara Salazar

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	112540	299.04	79.2	3483.94	186081	27.4162 ng/ml
9-hydroxyrisperidone	4.589	24533	410.95	3310.4	2395.89	1333394	23.4514 ng/ml
Alprazolam	5.728	233667	535.38	107.2	530.30	356773	24.1379 ng/ml
Amphetamine	2.992	782178	8604.57	52.1	166.85	400943	26.9433 ng/ml
Benzoylecgonine	3.835	10010	235.02	36.7	202.91	12324	25.4539 ng/ml
Buprenorphine	5.648	9668	263.68	14.7	2415.38	144670	2.5257 ng/ml
Citalopram	5.166	398341	683.14	38.7	971.14	707713	23.6490 ng/ml
Clonazepam	5.570	199659	8347.74	36.8	718.27	108520	27.5603 ng/ml
Cocaine	4.209	344553	6403.48	52.8	1635.80	1143649	24.1619 ng/ml
Codeine	2.535	39622	241.37	97.4	57.34	69559	27.3555 ng/ml
Fentanyl	5.035	44232	468.18	76.2	65769.15	899573	2.3176 ng/ml
Lorazepam	5.706	132837	1217.59	48.7	282.85	394884	25.4457 ng/ml
Methamphetamine	3.175	905994	1649.57	38.3	5752.70	958794	25.0002 ng/ml
Norbuprenorphine	4.938	1855	34.16	94.0	1809.83	28245	2.5817 ng/ml
Norfentanyl	4.028	72970	591.55	37.3	245.96	1165652	2.3768 ng/ml
Noroxycodone	2.859	86314	557.05	48.0	914.87	373351	27.0466 ng/ml
Olanzapine	4.339	124224	2308.10	55.3	152.17	130300	24.2531 ng/ml
Oxycodone	2.784	229754	689.47	27.9	452.59	373351	24.9252 ng/ml
Phentermine	3.717	206671	364.34	4.6	101.65	920936	26.6921 ng/ml
Pseudoephedrine	2.532	799042	480.34	16.2	3898.36	1616288	23.6123 ng/ml
Quetiapine	5.478	499630	363218.76	59.7	29289.63	292440	25.4489 ng/ml
Sertraline	5.735	180082	943.11	88.1	1081.58	289898	23.8330 ng/ml

TS



AM #28 Multi-Drug Quant. Results

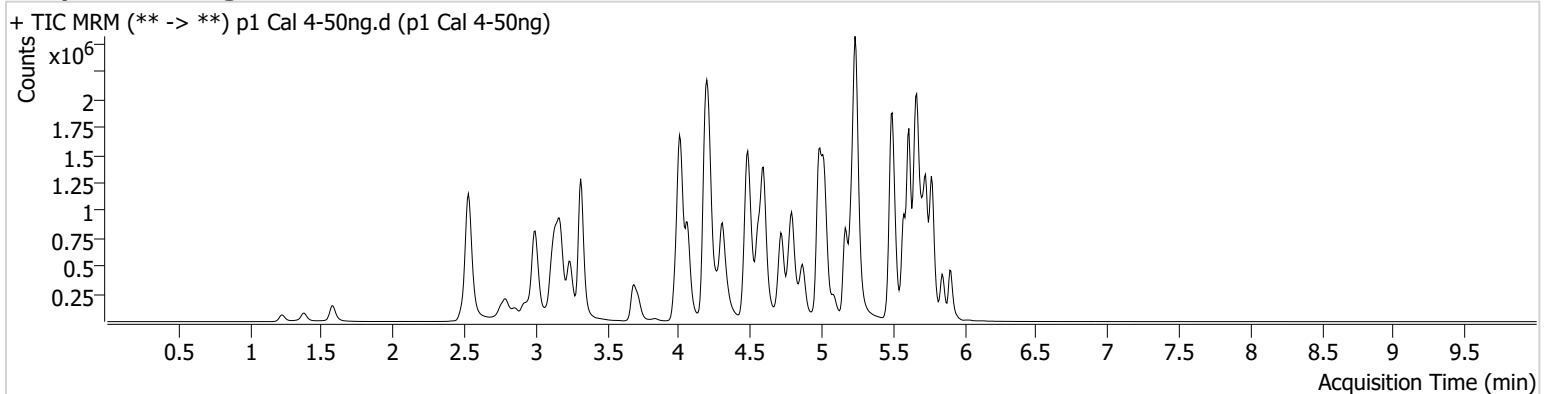
Batch results D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin
Calibration Last Update 8/13/2024 1:22:52 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-E12
Injection Volume 2
Acq. Date-Time 8/10/2024 11:23:06 AM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	200320	11175.92	77.3	2980.44	175034	53.3352 ng/ml
9-hydroxyrisperidone	4.596	51056	2035.71	3319.2	5980.47	1365897	47.5167 ng/ml
Alprazolam	5.728	479534	747.96	105.4	3112.98	355389	49.5125 ng/ml
Amphetamine	2.999	1490157	682.44	52.3	3388.10	422802	50.1090 ng/ml
Benzoylcegonine	3.835	20455	493.67	36.2	407.63	13810	46.9972 ng/ml
Buprenorphine	5.649	20928	483.54	13.7	3533.72	151410	5.3490 ng/ml
Citalopram	5.166	810446	631.46	38.9	656.58	702365	48.1376 ng/ml
Clonazepam	5.570	405472	8140.29	37.5	336776.27	114239	54.3665 ng/ml
Cocaine	4.209	675422	27310.12	52.8	437.58	1117488	48.3527 ng/ml
Codeine	2.535	75646	138.69	100.0	119.23	68424	53.9208 ng/ml
Fentanyl	5.028	88929	738.21	73.6	194691.67	915478	4.5355 ng/ml
Lorazepam	5.706	245652	1381.47	51.3	93.83	388614	48.3487 ng/ml
Methamphetamine	3.175	1618638	2293.08	37.9	11052.44	982312	50.9172 ng/ml
Norbuprenorphine	4.938	3688	2300.98	85.4	2352.08	29788	5.1127 ng/ml
Norfentanyl	4.028	147378	821.87	39.2	571.64	1160717	4.7726 ng/ml
Noroxycodone	2.859	174053	568.31	48.1	3486.56	375251	55.6554 ng/ml
Olanzapine	4.339	241069	1172.13	56.8	501.82	125970	48.4070 ng/ml
Oxycodone	2.791	462242	1519.32	27.8	1595.96	375251	50.1499 ng/ml
Phentermine	3.717	416510	2161.70	4.6	312.88	916680	54.9412 ng/ml
Pseudoephedrine	2.538	1621773	28132.93	16.3	7931.31	1628197	47.1583 ng/ml
Quetiapine	5.478	1033121	43764.39	58.5	653.69	300502	51.9332 ng/ml
Sertraline	5.735	352632	4233.72	89.1	59561.59	275058	48.9974 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Batch results
Calibration Last Update

D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin
8/13/2024 1:22:52 PM

Instrument Type
Acq. Method
Sample Position
Injection Volume
Acq. Date-Time
Sample Info.

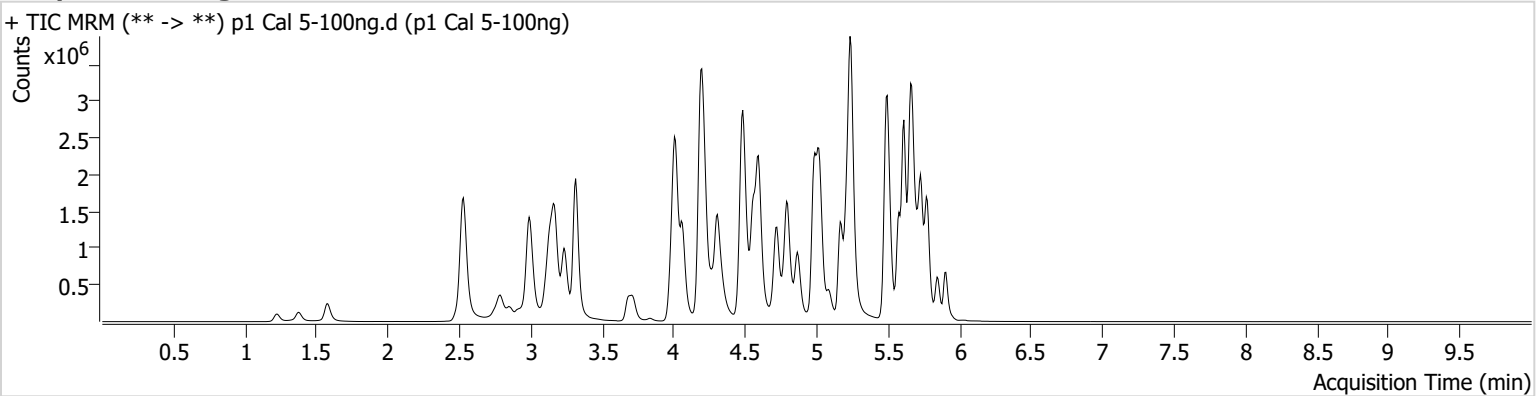
Falco (069901)
Cal
AM 28 MDQ P1.m
P6-D12
2
8/10/2024 11:33:44 AM

Data File
Sample
Operator
Comment

p1 Cal 5-100ng.d
p1 Cal 5-100ng
Tamara Salazar

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	273351	4872.79	77.6	2165.60	134275	96.1408 ng/ml
9-hydroxyrisperidone	4.589	106430	1896.68	3222.7	14335.78	1341123	100.7428 ng/ml
Alprazolam	5.728	847566	907.42	107.2	∞	317347	97.8030 ng/ml
Amphetamine	2.992	2773770	18239.40	50.5	217.57	378674	106.0562 ng/ml
Benzoylcegonine	3.835	39152	225.65	35.5	56.38	12281	101.9723 ng/ml
Buprenorphine	5.649	36411	1091.77	15.2	98.10	137129	10.3834 ng/ml
Citalopram	5.166	1568645	1226.01	38.3	1447.54	667631	97.6798 ng/ml
Clonazepam	5.570	599599	47670.36	36.8	29396.39	87586	106.0585 ng/ml
Cocaine	4.209	1294399	321.07	51.3	255.68	1053559	98.1636 ng/ml
Codeine	2.535	144048	176.27	95.9	267.10	65882	107.4988 ng/ml
Fentanyl	5.035	175631	322.54	77.3	669.25	879324	9.2791 ng/ml
Lorazepam	5.706	333422	1078.06	51.9	487.28	268076	95.7170 ng/ml
Methamphetamine	3.168	2922108	1183.59	37.9	739.96	949165	103.6776 ng/ml
Norbuprenorphine	4.938	6377	3847.90	98.6	2666.62	28217	9.5633 ng/ml
Norfentanyl	4.028	265794	883.35	38.7	538.08	1034542	9.6091 ng/ml
Noroxycodone	2.852	325041	663.99	47.6	284.42	367898	107.2642 ng/ml
Olanzapine	4.339	550626	1086.64	56.6	1885.55	136908	101.4302 ng/ml
Oxycodone	2.784	906288	1346.95	28.3	4994.70	367898	100.5472 ng/ml
Phentermine	3.717	758326	555.63	4.7	823.92	882170	104.7247 ng/ml
Pseudoephedrine	2.532	3072452	1128.00	16.3	2547.66	1493848	96.9400 ng/ml
Quetiapine	5.478	1957989	33473.86	59.9	32435.97	285038	104.4768 ng/ml
Sertraline	5.735	680700	2996.53	89.4	33952.91	267559	97.0570 ng/ml

TS



AM #28 Multi-Drug Quant. Results

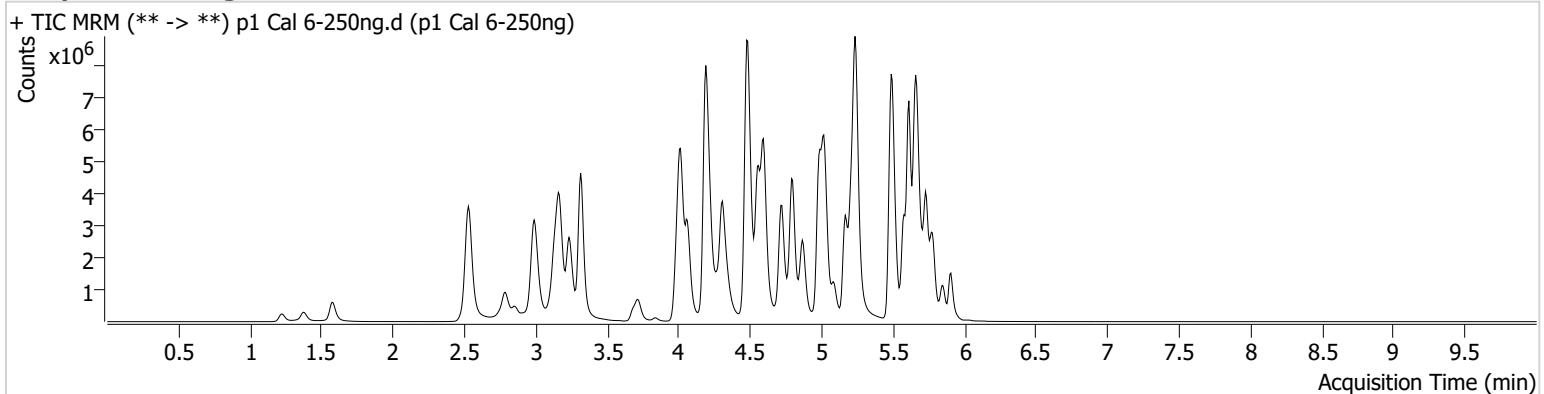
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Calibration Last Update 8/13/2024 1:22:52 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C12
Injection Volume 2
Acq. Date-Time 8/10/2024 11:44:22 AM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Tamara Salazar
Comment

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	370919	7655.16	75.4	214.70	80648	219.2562 ng/ml
9-hydroxyrisperidone	4.589	303398	1795.51	3450.7	13957.81	1539501	249.9955 ng/ml
Alprazolam	5.728	1994032	689.06	105.2	∞	293829	248.1989 ng/ml
Amphetamine	2.992	6471165	42010.30	49.8	314.99	432488	218.4916 ng/ml
Benzoylcegonine	3.835	119461	430.83	35.7	755.10	15712	244.1709 ng/ml
Buprenorphine	5.648	94385	2258.52	13.3	23932.32	149691	24.8186 ng/ml
Citalopram	5.166	4358052	53554.36	37.5	1193.67	720287	251.0221 ng/ml
Clonazepam	5.563	1140671	5735.65	36.6	1133.27	74759	237.9674 ng/ml
Cocaine	4.209	3336075	914.36	51.6	7144.89	1046600	254.4899 ng/ml
Codeine	2.535	327108	2993.40	96.9	400.59	64789	249.3832 ng/ml
Fentanyl	5.035	523868	934.91	74.8	16027.81	973131	24.9346 ng/ml
Lorazepam	5.699	514313	9816.25	53.1	1895.59	184533	215.2425 ng/ml
Methamphetamine	3.168	7893546	49261.92	37.1	∞	1130026	247.7322 ng/ml
Norbuprenorphine	4.938	19089	14379.25	96.6	207.98	33683	24.4001 ng/ml
Norfentanyl	4.028	618402	16310.88	38.6	1514.95	883172	26.1075 ng/ml
Noroxycodone	2.852	852230	∞	48.9	1748.95	419693	248.3258 ng/ml
Olanzapine	4.339	1620495	2165.99	57.1	2065.37	160451	254.2946 ng/ml
Oxycodone	2.784	2594870	2122.95	28.2	1169.88	419693	252.7438 ng/ml
Phentermine	3.717	1907000	∞	4.5	885.73	976787	238.9605 ng/ml
Pseudoephedrine	2.532	8321203	100235.62	15.6	676.18	1554278	251.6804 ng/ml
Quetiapine	5.478	5340644	628284.91	60.0	1942.39	332197	245.4753 ng/ml
Sertraline	5.735	1746489	137712.27	89.6	20557.23	263637	252.4407 ng/ml

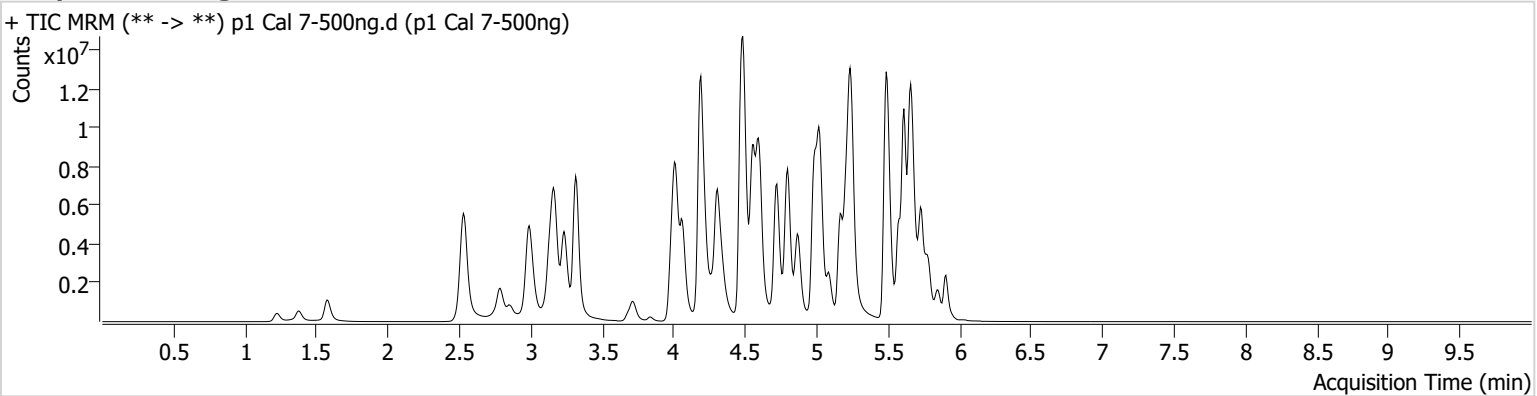
TS



AM #28 Multi-Drug Quant. Results

Batch results	D:\MassHunter\Data\2024\AM 27 28\080924 AM 27 28 TS\AM 28 reinject after QQQ error\QuantResults\AM 28_Cases.batch.bin		
Calibration Last Update	8/13/2024 1:22:52 PM		
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	Tamara Salazar
Sample Position	P6-B12	Comment	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	8/10/2024 11:55:01 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	472815	7506.86	76.1	997.70	46379	487.9808 ng/ml
9-hydroxyrisperidone	4.596	596757	24317.11	3320.1	29249.40	1448948	522.3135 ng/ml
Alprazolam	5.728	3260304	688.63	103.5	779.18	228207	522.2809 ng/ml
Amphetamine	2.992	10279285	92779.88	48.9	160.80	428270	351.5594 ng/ml
Benzoylcegonine	3.835	249910	∞	36.3	786.27	15837	507.5378 ng/ml
Buprenorphine	5.642	153844	584.95	14.6	497.70	133575	45.4311 ng/ml
Citalopram	5.166	7770364	∞	37.3	∞	611746	526.6213 ng/ml
Clonazepam	5.563	1490069	565.21	35.7	911.60	56493	412.3086 ng/ml
Cocaine	4.209	5664501	57518.48	52.4	955.98	881011	513.2076 ng/ml
Codeine	2.535	536674	6877.00	99.1	13840.72	58396	454.6673 ng/ml
Fentanyl	5.035	1025260	1791.19	76.1	537.30	887129	53.4795 ng/ml
Lorazepam	5.699	656640	16850.05	52.7	1429.37	105785	480.1191 ng/ml
Methamphetamine	3.168	14929641	31339.78	35.8	309.50	1133812	475.7009 ng/ml
Norbuprenorphine	4.938	39514	747.46	93.4	30122.81	33951	50.4005 ng/ml
Norfentanyl	4.028	908334	14706.17	39.2	10422.72	617343	54.8086 ng/ml
Noroxycodone	2.852	1608890	7365.36	47.3	338.54	427323	461.6152 ng/ml
Olanzapine	4.339	3643441	6310.55	57.4	2206.03	179710	510.1957 ng/ml
Oxycodone	2.784	5214726	3314.69	28.6	941.31	427323	499.1020 ng/ml
Phentermine	3.717	3261804	∞	4.4	1082.30	935287	427.5520 ng/ml
Pseudoephedrine	2.538	14801146	431.00	15.4	53069.84	1318737	527.1805 ng/ml
Quetiapine	5.478	9255697	138698.11	61.7	1044.79	313886	450.8385 ng/ml
Sertraline	5.735	2829640	47798.57	87.4	35250.02	207235	520.1282 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Batch results
Calibration Last Update

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8/13/2024 1:22:52 PM

Instrument Type
Acq. Method
Sample Position
Injection Volume
Acq. Date-Time
Sample Info.

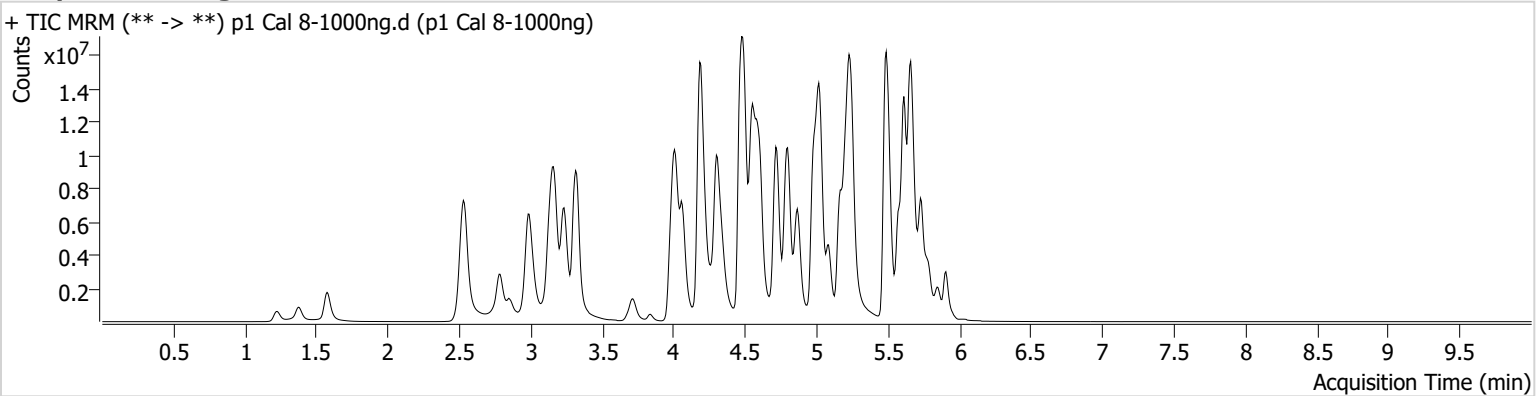
Falco (069901)
Cal
AM 28 MDQ P1.m
P6-A12
2
8/10/2024 12:05:40 PM

Data File
Sample
Operator
Comment

p1 Cal 8-1000ng.d
p1 Cal 8-1000ng
Tamara Salazar

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	471351	∞	75.4	7613.03	21056	1073.4987 ng/ml
9-hydroxyrisperidone	4.589	937166	33964.30	2884.1	473276.91	1127868	1053.6423 ng/ml
Alprazolam	5.728	4352034	2053.02	103.1	∞	154421	1030.0939 ng/ml
Amphetamine	2.992	13663671	38164.24	48.4	115589.49	342476	585.5501 ng/ml
Benzoylcegonine	3.835	471786	626.21	36.0	340.27	14426	1052.5831 ng/ml
Buprenorphine	5.642	177085	1469.47	14.6	10057.82	86834	80.5329 ng/ml
Citalopram	5.166	10580387	923.69	35.7	1287.49	420727	1042.3065 ng/ml
Clonazepam	5.563	1404419	8192.25	37.0	907.29	32116	684.4157 ng/ml
Cocaine	4.209	8191429	∞	50.9	169931.53	626473	1043.5622 ng/ml
Codeine	2.535	772280	707.93	98.5	283.77	44109	866.9917 ng/ml
Fentanyl	5.035	1735900	912264.26	77.9	4727.15	683229	117.5176 ng/ml
Lorazepam	5.699	814553	964.60	50.1	1512.66	52579	1199.1676 ng/ml
Methamphetamine	3.161	22262941	103125.89	35.9	76623.90	1005595	806.5135 ng/ml
Norbuprenorphine	4.938	63527	88650.14	89.4	62262.64	27464	100.4416 ng/ml
Norfentanyl	4.028	1050014	916.81	38.6	8740.74	301955	129.4694 ng/ml
Noroxycodone	2.852	2520097	836.46	49.0	588.05	374888	825.2726 ng/ml
Olanzapine	4.339	6205340	4237.67	58.0	5711.23	156084	1000.2081 ng/ml
Oxycodone	2.777	9143198	7160.46	28.0	890.15	374888	997.7501 ng/ml
Phentermine	3.717	4844142	5191.10	4.4	2354.27	793744	748.8478 ng/ml
Pseudoephedrine	2.538	21815189	132537.88	15.6	42333.90	950039	1078.1201 ng/ml
Quetiapine	5.471	12802962	1256.24	63.6	1962.53	273011	717.4123 ng/ml
Sertraline	5.735	3579757	43438.13	88.1	50494.54	132788	1026.7492 ng/ml