

Worklist: 6938

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-2869	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-2997	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-3073	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-3143	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-3495	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-3866	5	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2442	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-2598	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2625	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2627	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2728	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2872	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2873	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2912	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2918	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2919	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2920	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2946	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2953	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-2957	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	

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

Extraction Date: 9/23/2024

Plate lot#: 240528

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

Instant Buffer I

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 11/28/2024

Mobile phase B: 0.01% Formic Acid in MeOH

Ethyl Acetate

LC Methanol

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

Blank Urine Lot: POC021022

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. Enzymatic Urine Hydrolysis (if applicable): To the appropriate wells of the analytical plate, add 250µL urine, 40µL BG Turbo, and 100µL BG Turbo buffer. Cover the plate, gently swirl the plate, and allow to stand at room temperature for approximately 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: 16
- ☒ 4. Pipette 250µL 0.5 M 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 and urine+base (if applicable) mixture to corresponding wells of SLE+ plate. Amount transferred: 250µL.
- ☒ 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.

COMMENTS:

Compounds included in central files:

7-aminoclonazepam 5-100 --calibrators 6, 7, and 8 dropped due to accuracy- QUALITATIVE ONLY

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

Benzoylcegonine 100-1000 --calibrators 1, 2, 3, and 4 dropped due to accuracy/linearity

Bupropion

Citalopram

Cyclobenzaprine

Dextromethorphan

Dextrophan

Diazepam

Diphenhydramine

Doxylamine

Duloxetine 10-1000 --calibrator 1 dropped due to peak shape

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

Fluorofentanyl

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

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

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

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

Methamphetamine 5-500 --calibrator 8 dropped due to accuracy- QUALITATIVE ONLY DUE TO QC 100 ACCURACY

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

Nordiazepam

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

Noroxycodone

O-desmethyltramadol

Oxazepam

Oxycodone

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

Promethazine

Ephedrine/Pseudoephedrine

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

Sertraline

Temazepam

Tramadol

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

Zolpidem

9

	1	2	3	4	5	6	7	8	9	10	11	12
A									P2024-2625-1	P2024-2920-1	M2024-3495-2	IS + Cal. 8
B									P2024-2627-1	P2024-2946-1	P2024-2442-2	IS + Cal. 7
C									P2024-2728-1	P2024-2953-1	P2024-2957-1	IS + Cal. 6
D									P2024-2872-1	NEG Urine	IS + QC_2	IS + Cal. 5
E									P2024-2873-1	M2024-2869-2	IS + QC_4	IS + Cal. 4
F								NEG Blood	P2024-2912-1	M2024-2997-2	IS + QC_3	IS + Cal. 3
G								M2024-3866-5	P2024-2918-3	M2024-3073-3	IS + QC_2	IS + Cal. 2
H								P2024-2598-1	P2024-2919-4	M2024-3143-2	IS + QC_1	IS + Cal. 1

AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Calibration Last Update 9/25/2024 9:22:31 AM

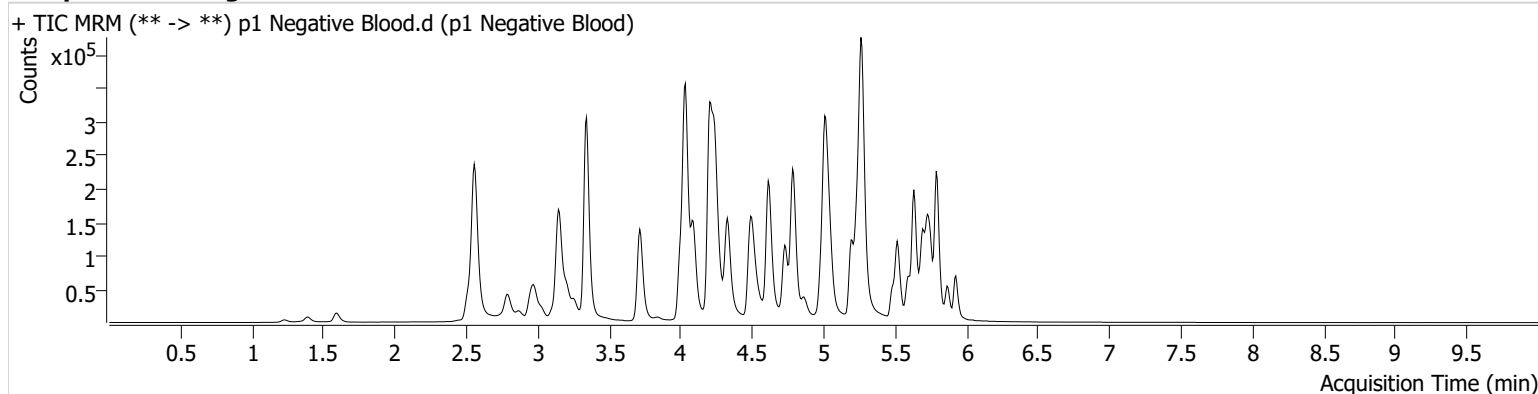
Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P6-F8
Injection Volume 2
Acq. Date-Time 9/24/2024 1:25:57 AM
Sample Info.

Data File
Sample
Operator
Comment

p1 Negative Blood.d
p1 Negative Blood
Celena Shrum

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

Sample Chromatogram



AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Calibration Last Update 9/25/2024 9:22:31 AM

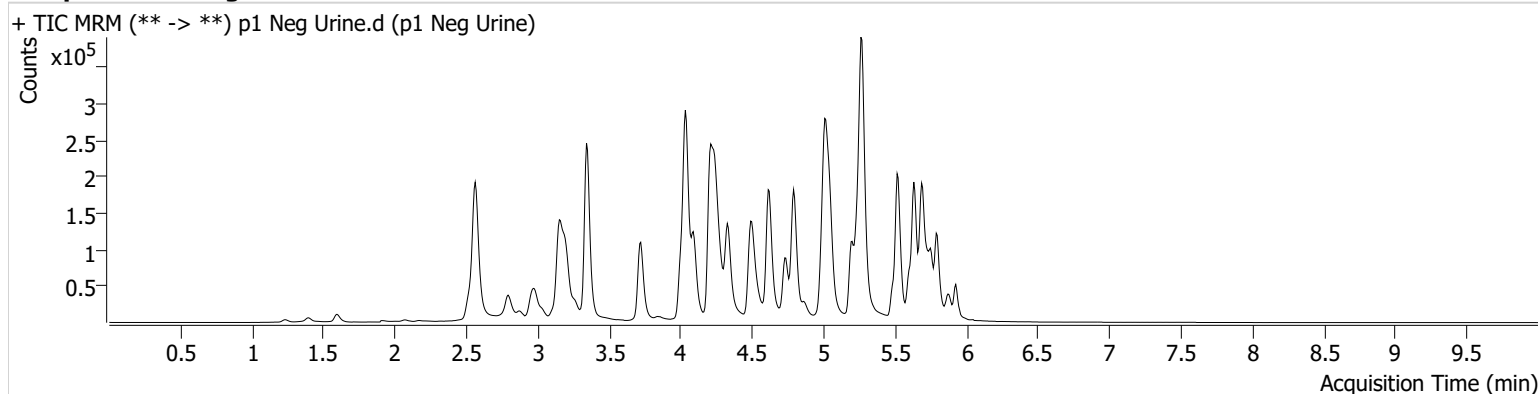
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Acq. Method AM 28 MDQ P1.m
Sample Position P6-D10
Injection Volume 2
Acq. Date-Time 9/24/2024 6:23:57 AM
Sample Info.

Data File
Sample
Operator
Comment

p1 Neg Urine.d
p1 Neg Urine
Celena Shrum

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Sample Chromatogram



AM #28 Multi-Drug Quant. Results



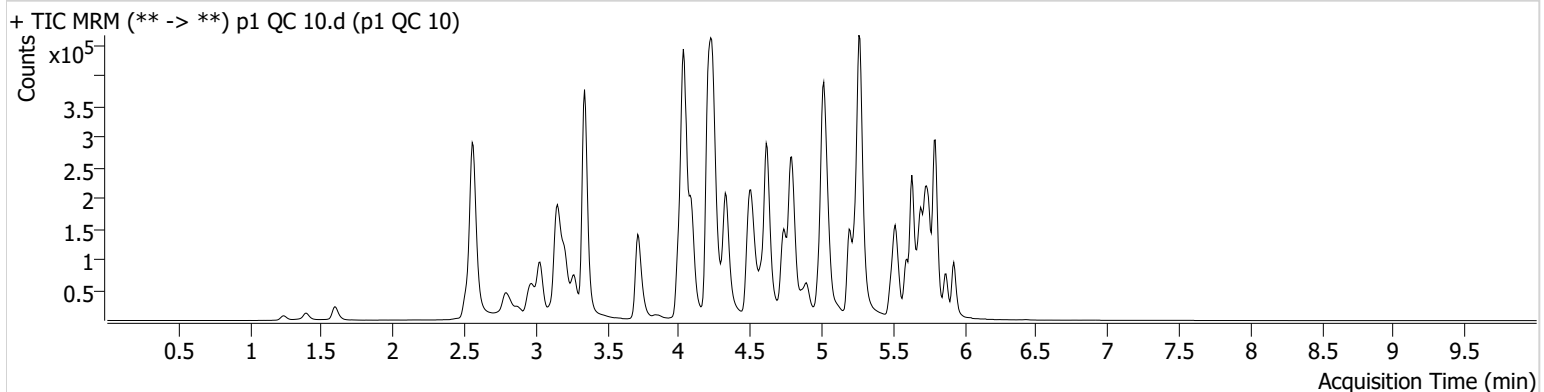
Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H11
Injection Volume 2
Acq. Date-Time 9/24/2024 12:22:04 AM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	14386	156.50	79.1	∞	51491	10.8507 ng/ml
Amphetamine	3.033	154065	174.87	45.7	254.56	129196	10.2624 ng/ml
Benzoylcegonine	3.869	2453	2699.05	37.9	236.68	10090	7.8021 ng/ml
Bupropion	4.751	89160	311.22	59.7	725.18	299109	9.5320 ng/ml
Citalopram	5.200	61429	5339.50	36.3	256.71	296532	9.3737 ng/ml
Cyclobenzaprine	5.600	18907	1335.37	8.4	60.82	58462	9.6039 ng/ml
Dextromethorphan	5.250	32429	14786.48	78.9	142.00	143430	9.0944 ng/ml
Dextrorphan	4.089	24798	1051.07	211.8	601.55	306389	9.0736 ng/ml
Diazepam	5.934	30752	454.74	87.9	237.31	132163	9.8455 ng/ml
Diphenhydramine	5.271	136379	1794.35	33.3	2220.64	931592	8.9690 ng/ml
Doxylamine	4.511	170201	3377.42	94.4	1285.76	669732	9.4058 ng/ml
Duloxetine	5.626	1258	219.16	12.1	7.36 Low	5843	11.2285 ng/ml
Fentanyl	5.055	3635	333.53	59.5	61.35	197082	0.8827 ng/ml
Fluorofentanyl	5.110	8606	159.17	47.3	535.21	2061	0.8417 ng/ml
Hydroxyzine	5.670	40312	1184.43	71.6	1070.74	143430	8.6326 ng/ml
Ketamine	4.014	66877	39791.72	37.9	132.20	283771	9.8886 ng/ml
Lamotrigine	4.246	54066	1096.48	83.0	303.70	766840	99.3763 ng/ml
Lorazepam	5.726	35222	528.70	55.4	141.11	236972	10.4102 ng/ml
Methamphetamine	3.209	181451	554.93	37.6	841.82	418062	10.3662 ng/ml
Metoprolol	4.299	15728	1313.65	111.9	123.46	827089	9.8239 ng/ml
Nordiazepam	5.873	32462	1978.80	57.5	2568.44	95233	9.5343 ng/ml
Norfentanyl	4.056	14907	7033.29	40.8	125.46	605081	0.8951 ng/ml
Noroxycodone	2.893	14079	250.18	44.7	308.89	42352	9.5386 ng/ml
O-desmethyl-tramadol	3.348	160350	2154.41	6.4	500.23	863963	9.4580 ng/ml
Oxazepam	5.736	38943	1636.82	76.2	92.74	236972	9.8454 ng/ml
Oxycodone	2.818	37937	351.88	30.1	387.25	156770	9.2005 ng/ml
Phentermine	3.751	36409	467.62	3.2	60.29	412774	10.1385 ng/ml
Promethazine	5.523	44228	1243.92	31.7	135.31	213956	9.5880 ng/ml
Pseudoephedrine	2.572	148057	6828.33	15.5	2248.36	766840	9.1796 ng/ml
Quetiapine	5.498	71958	909.73	56.7	2363.50	103355	9.8816 ng/ml
Sertraline	5.755	4407	339.60	94.1	4761.83	16743	11.3858 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.796	85795	553.61	29.0	453.58	366422	9.7838 ng/ml
Tramadol	4.218	147428	663.80	3.6	116.91	827089	9.7695 ng/ml
Trazodone	5.027	59322	522.24	72.6	699.55	234751	9.7908 ng/ml
Zolpidem	4.804	135400	1777.25	29.7	449.69	612796	9.8775 ng/ml

AM #28 Multi-Drug Quant. Results



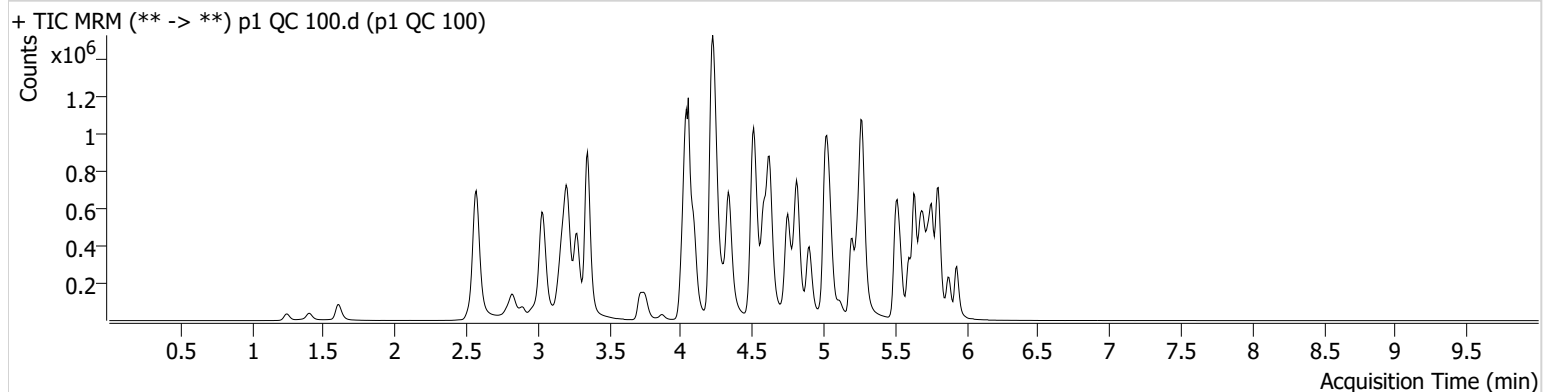
Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-G11
Injection Volume 2
Acq. Date-Time 9/24/2024 9:46:12 AM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	61981	889.37	82.2	3001.81	29627	90.4748 ng/ml
Amphetamine	3.033	1281073	109.34	44.8	4560.97	117645	108.3777 ng/ml
Benzoylcegonine	3.869	29566	170.46	38.9	536.03	11925	94.8689 ng/ml
Bupropion	4.751	869964	866146.93	60.4	475.90	280423	101.2855 ng/ml
Citalopram	5.200	561462	4197.14	37.7	9743.60	259039	98.2097 ng/ml
Cyclobenzaprine	5.606	170355	156039.39	9.6	11371.13	53274	93.4135 ng/ml
Dextromethorphan	5.250	293670	1146.57	79.0	3669.07	123862	96.0572 ng/ml
Dextrorphan	4.096	231225	409.25	209.3	1090.41	271677	95.7325 ng/ml
Diazepam	5.934	263667	1489.29	89.2	1311.79	113535	100.3393 ng/ml
Diphenhydramine	5.271	1235363	16408.76	33.9	673.99	832863	95.8844 ng/ml
Doxylamine	4.511	1701005	135486.44	97.4	92053.57	659692	96.2038 ng/ml
Duloxetine	5.633	10709	672.19	12.2	25.39	5742	100.9404 ng/ml
Fentanyl	5.062	34193	135.86	62.5	117.15	181513	8.9981 ng/ml
Fluorofentanyl	5.110	87185	1117.52	45.0	9146.30	1905	9.4449 ng/ml
Hydroxyzine	5.676	373159	22233.31	73.2	287107.31	123862	91.2827 ng/ml
Ketamine	4.014	603401	1767.98	38.0	482.37	260647	104.3830 ng/ml
Lamotrigine	4.253	333569	2809.72	81.9	438.38	656268	847.9217 ng/ml
Lorazepam	5.733	168386	7859.68	56.3	1288.63	136468	92.7882 ng/ml
Methamphetamine	3.209	1460153	759.14	36.9	1280.83	407021	148.4358 ng/ml
Metoprolol	4.299	145057	5195.15	107.9	5222.14	752922	106.1113 ng/ml
Nordiazepam	5.880	260166	1740.45	57.1	4269.90	74857	101.7238 ng/ml
Norfentanyl	4.056	135946	873.44	38.1	752.22	487744	9.9192 ng/ml
Noroxycodone	2.893	124135	1535.71	45.0	936.91	37448	99.6703 ng/ml
O-desmethyl-tramadol	3.348	1575938	59953.21	6.4	289.82	810354	99.2491 ng/ml
Oxazepam	5.736	220290	718.74	73.1	2059.49	136468	103.9228 ng/ml
Oxycodone	2.818	369950	768.75	29.5	708.97	148360	100.1552 ng/ml
Phentermine	3.751	318725	394.15	3.0	725.19	388930	103.6871 ng/ml
Promethazine	5.523	407598	60840.50	32.0	25731.10	189278	99.1950 ng/ml
Pseudoephedrine	2.572	1340810	83937.93	15.5	212.97	656268	96.4071 ng/ml
Quetiapine	5.498	678817	38932.87	57.8	990.57	96564	102.7501 ng/ml
Sertraline	5.755	36286	245.72	99.0	14144.41	15526	99.5494 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	501276	1132.28	29.3	1264.55	206123	97.7572 ng/ml
Tramadol	4.218	1323694	∞	4.1	195.11	752922	102.9832 ng/ml
Trazodone	5.040	558421	607409.68	72.0	5927.85	212820	111.1998 ng/ml
Zolpidem	4.818	1316644	4128.35	30.2	294366.54	583348	104.1987 ng/ml

AM #28 Multi-Drug Quant. Results



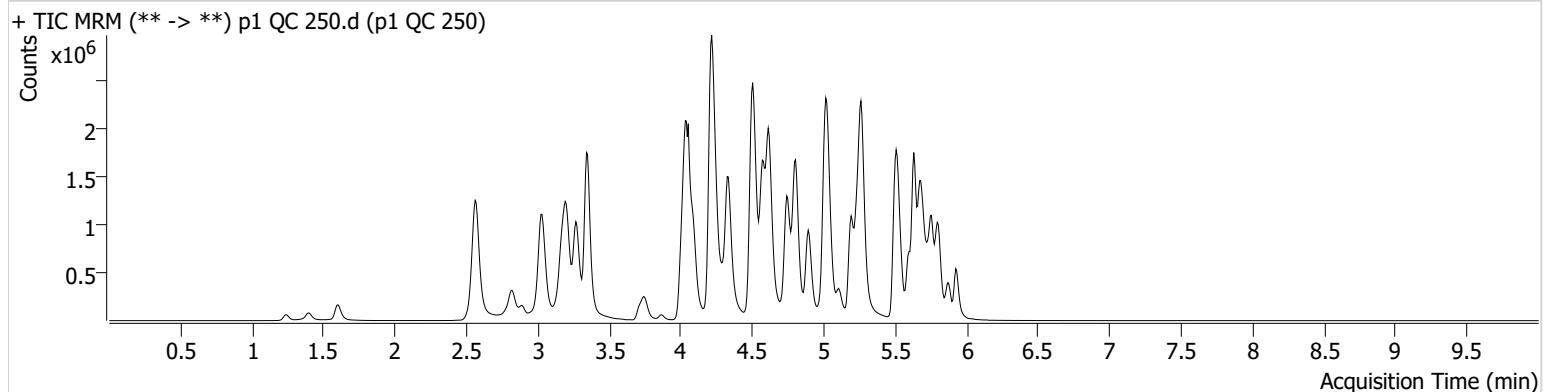
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-F11
Injection Volume 2
Acq. Date-Time 9/24/2024 12:43:22 AM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	70978	966.02	80.8	53.10	15861	195.1481 ng/ml
Amphetamine	3.033	2471814	61367.14	45.1	294.23	114884	215.8981 ng/ml
Benzoyllecgonine	3.862	59228	550.00	38.9	973.15	9229	248.1923 ng/ml
Bupropion	4.744	2165573	1174.39	60.5	1741.42	283522	249.6940 ng/ml
Citalopram	5.193	1564837	1596.03	37.8	958.96	284365	249.3625 ng/ml
Cyclobenzaprine	5.600	654731	13716.65	9.4	3791.50	78400	243.6810 ng/ml
Dextromethorphan	5.243	831031	497.02	76.9	12122.33	141024	238.8517 ng/ml
Dextrorphan	4.089	562100	20949.59	208.3	8542.84	255781	247.2382 ng/ml
Diazepam	5.927	584126	707.42	88.6	924.28	102871	245.6691 ng/ml
Diphenhydramine	5.271	3272205	∞	33.7	387.32	886850	239.3321 ng/ml
Doxylamine	4.504	4437127	108834.00	97.1	286762.35	679391	243.8035 ng/ml
Duloxetine	5.626	32429	3494.87	12.7	455.86	6940	253.6139 ng/ml
Fentanyl	5.055	121537	17658.19	64.1	3340.33	243957	23.7933 ng/ml
Fluorofentanyl	5.110	343496	9466.08	46.0	8420.73	2918	24.3325 ng/ml
Hydroxyzine	5.670	1219409	11279.65	72.4	174100.77	141024	261.7511 ng/ml
Ketamine	4.007	1386199	1465.01	38.2	2385.15	250350	250.8071 ng/ml
Lamotrigine	4.246	548932	15389.06	81.8	3609.78	589265	1571.6694 ng/ml
Lorazepam	5.726	246630	13549.44	53.8	1922.03	81743	228.1480 ng/ml
Methamphetamine	3.202	2431952	39867.24	36.9	20166.45	405161	254.1764 ng/ml
Metoprolol	4.292	317302	2453.98	107.8	1508.14	705463	248.6891 ng/ml
Nordiazepam	5.873	501540	464.19	58.5	727.87	59394	247.8566 ng/ml
Norfentanyl	4.056	275628	23385.29	38.6	1102.02	379340	25.8256 ng/ml
Noroxycodone	2.893	294202	502.07	45.7	1069.73	36243	244.8062 ng/ml
O-desmethyl-tramadol	3.348	3927828	108034.97	6.4	987.40	793810	252.5447 ng/ml
Oxazepam	5.736	311357	170.75	73.3	143.29	81743	246.3298 ng/ml
Oxycodone	2.818	922453	2543.73	29.8	11181.97	148793	249.8607 ng/ml
Phentermine	3.751	696160	590.13	2.7	1654.72	376314	235.5057 ng/ml
Promethazine	5.516	1542312	2200.19	32.4	1009.28	287592	246.9234 ng/ml
Pseudoephedrine	2.572	3022156	1198.46	15.5	45513.82	589265	241.8926 ng/ml
Quetiapine	5.498	1898815	34880.32	58.5	2175.05	110480	251.6868 ng/ml
Sertraline	5.755	99426	632.71	95.6	423.64	16329	259.0539 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.810	749600	43150.86	29.4	1220.03	118283	254.0844 ng/ml
Tramadol	4.211	3013129	2525.03	4.3	294.77	705463	251.2599 ng/ml
Trazodone	5.027	1597811	100522.00	72.1	273.54	280767	242.3646 ng/ml
Zolpidem	4.804	3314025	239.43	30.1	4756.35	586909	261.2172 ng/ml

AM #28 Multi-Drug Quant. Results



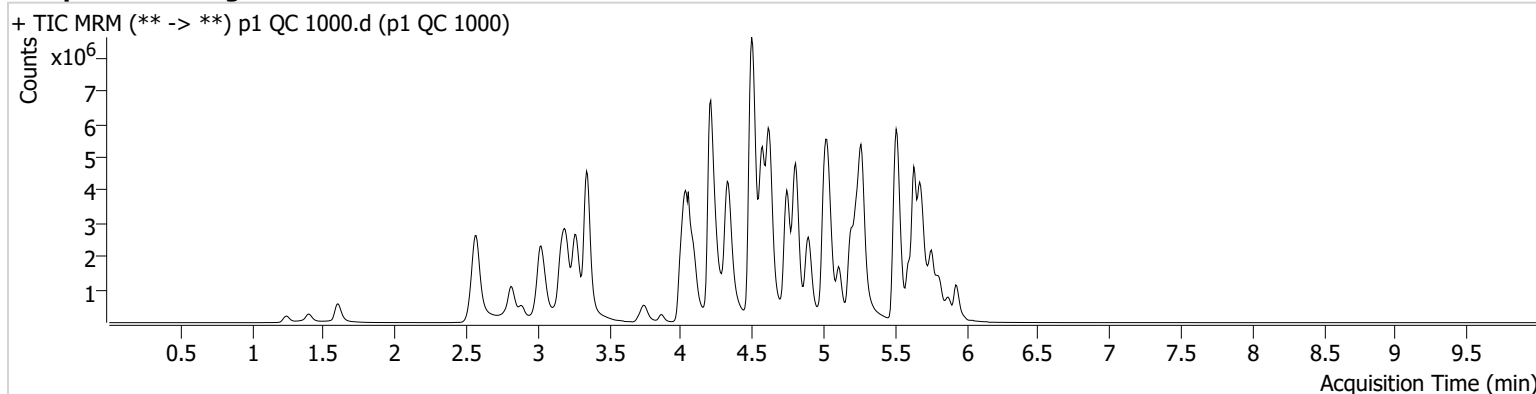
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-E11
Injection Volume 2
Acq. Date-Time 9/24/2024 1:04:40 AM
Sample Info.

Data File p1 QC 1000.d
Sample p1 QC 1000
Operator Celena Shrum
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	4.244	97723	1239.97	77.6	469.91	5743	746.0365 ng/ml
Amphetamine	3.026	5559091	106306.38	45.3	76903.12	101922	550.0733 ng/ml
Benzoylcegonine	3.862	260868	178904.77	38.7	975.97	10402	974.7968 ng/ml
Bupropion	4.744	7329652	2789.59	60.2	429471.11	260462	920.5369 ng/ml
Citalopram	5.193	4130279	548120.81	37.4	15875.43	183839	1018.1191 ng/ml
Cyclobenzaprine	5.600	2651075	747.29	9.3	588.40	79516	972.3288 ng/ml
Dextromethorphan	5.236	2366624	178149.05	77.6	84504.51	98877	970.3747 ng/ml
Dextrorphan	4.089	1578774	1849.26	211.5	77065.63	180387	984.7517 ng/ml
Diazepam	5.927	1558767	274.90	87.0	8041.05	69498	971.0670 ng/ml
Diphenhydramine	5.271	9700772	77008.11	33.7	2365.47	641578	982.4703 ng/ml
Doxylamine	4.497	16553374	376310.21	96.6	293063.09	650565	950.0909 ng/ml
Duloxetine	5.619	94140	3632.62	12.1	1277.47	4732	1081.2363 ng/ml
Fentanyl	5.055	556580	12423.42	65.0	1198.71	233189	113.9854 ng/ml
Fluorofentanyl	5.110	1933689	87270.51	46.1	30210.29	3721	107.4975 ng/ml
Hydroxyzine	5.670	4183777	3223.08	74.7	797801.63	98877	1280.3754 ng/ml
Ketamine	4.001	3421241	912.13	37.2	25587.47	206391	752.4881 ng/ml
Lamotrigine	4.253	628655	14325.87	82.2	595.82	396468	2690.0727 ng/ml
Lorazepam	5.726	408862	38092.47	56.5	1621.84	25903	1197.2476 ng/ml
Methamphetamine	3.195	6844912	428.68	36.8	196056.85	427462	692.4795 ng/ml
Metoprolol	4.292	673817	1770.53	108.8	467224.08	551787	676.4302 ng/ml
Nordiazepam	5.873	963346	1524.41	57.5	18316.44	29555	958.1449 ng/ml
Norfentanyl	4.056	446866	3822.18	38.0	5182.46	102891	154.2676 ng/ml
Noroxycodone	2.886	987706	30913.15	45.4	6477.05	30223	987.1128 ng/ml
O-desmethyl-tramadol	3.342	13326600	469110.57	6.3	71585.49	661943	1027.5933 ng/ml
Oxazepam	5.729	370110	66.63	72.7	58.27	25903	926.2807 ng/ml
Oxycodone	2.811	3624394	3186.29	29.6	2321.37	154868	944.8076 ng/ml
Phentermine	3.744	1867979	1468.50	2.8	4880.20	351450	678.7754 ng/ml
Promethazine	5.516	7400383	129785.67	32.5	69062.19	337537	1009.2586 ng/ml
Pseudoephedrine	2.572	8574198	2929.36	15.3	1077.17	396468	1019.7576 ng/ml
Quetiapine	5.492	5691224	40154.06	60.3	134931.61	111686	746.8643 ng/ml
Sertraline	5.755	276935	1226.43	93.3	13705.05	11159	1055.2110 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.817	1031135	23680.78	27.2	241.98	35783	1153.8785 ng/ml
Tramadol	4.204	8586683	∞	3.8	∞	551787	917.4255 ng/ml
Trazodone	5.034	4816933	243266.49	76.2	142476.10	320943	640.8584 ng/ml
Zolpidem	4.804	11316591	1154147.08	29.3	13527.55	561558	933.1820 ng/ml

AM #28 Multi-Drug Quant. Results



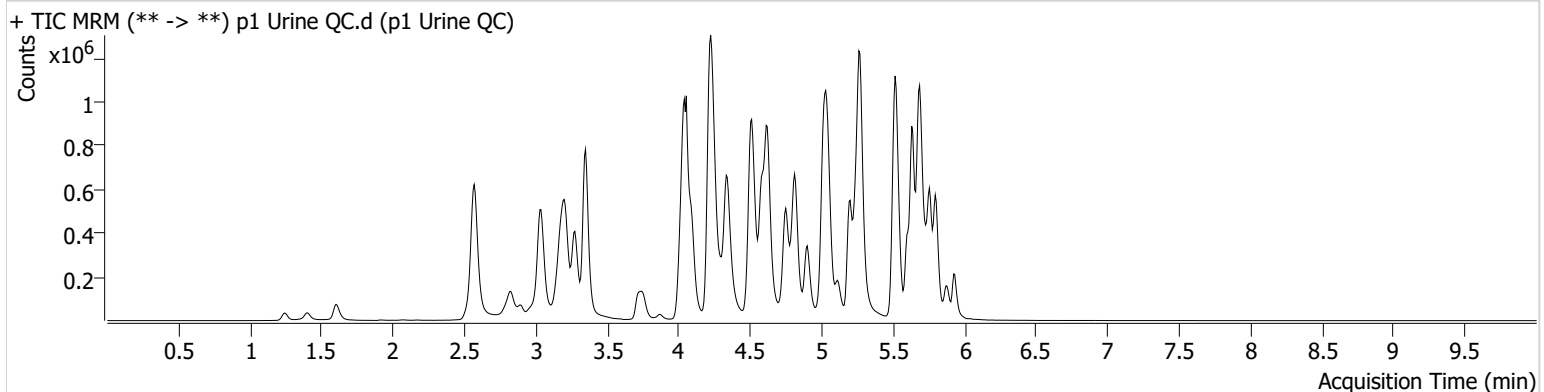
Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D11
Injection Volume 2
Acq. Date-Time 9/24/2024 9:24:55 AM
Sample Info.

Data File p1 Urine QC.d
Sample p1 Urine QC
Operator Celena Shrum
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	4.237	61890	586.28	81.0	1089.00	27031	99.1533 ng/ml
Amphetamine	3.040	1075003	270.53	45.6	5489.95	104375	102.4094 ng/ml
Benzoylcegonine	3.869	24095	284.56	37.6	1619.05	8858	104.2480 ng/ml
Bupropion	4.751	783150	482.69	59.9	28916.36	239946	106.5706 ng/ml
Citalopram	5.200	657217	1320.07	38.1	924005.31	290185	102.6210 ng/ml
Cyclobenzaprine	5.606	452361	12967.66	9.4	166.95	134579	98.1840 ng/ml
Dextromethorphan	5.250	385662	446.24	78.5	197.48	159538	97.9393 ng/ml
Dextrorphan	4.096	209161	521.32	210.1	1163.34	240414	97.8593 ng/ml
Diazepam	5.934	185126	1028.11	87.4	759.97	82924	96.4479 ng/ml
Diphenhydramine	5.271	1398949	1048.72	33.5	4615.80	911661	99.2152 ng/ml
Doxylamine	4.511	1532052	4779.24	96.1	76928.07	582589	98.1174 ng/ml
Duloxetine	5.626	73996	5944.13	13.1	1835.39	37928	105.6121 ng/ml
Fentanyl	5.062	62626	422.49	61.7	11744.53	308458	9.6978 ng/ml
Fluorofentanyl	5.110	193845	646.29	45.2	386.91	3915	10.2220 ng/ml
Hydroxyzine	5.670	646209	11556.70	71.7	7503.33	159538	122.6829 ng/ml
Ketamine	4.014	530165	766.75	37.7	3612.24	223917	106.7769 ng/ml
Lamotrigine	4.246	318746	6313.30	81.7	2517.95	568097	938.1955 ng/ml
Lorazepam	5.726	105739	1434.48	57.7	47.36	79501	100.0859 ng/ml
Methamphetamine	3.209	917809	2322.51	37.3	11122.77	337118	110.5665 ng/ml
Metoprolol	4.299	126398	10992.17	107.6	974.53	623334	111.7231 ng/ml
Nordiazepam	5.880	163503	3303.15	56.1	196.50	46559	102.7894 ng/ml
Norfentanyl	4.056	118690	564.09	38.1	330.96	419654	10.0649 ng/ml
Noroxycodone	2.893	119904	775.63	44.8	566.21	34745	103.7836 ng/ml
O-desmethyl-tramadol	3.348	1370799	854.81	6.4	650.19	683034	102.4226 ng/ml
Oxazepam	5.736	128534	2169.36	72.5	532.60	79501	104.0864 ng/ml
Oxycodone	2.825	344711	672.11	29.4	480.63	135677	102.0571 ng/ml
Phentermine	3.751	282231	2935.11	3.0	473.57	333266	107.1888 ng/ml
Promethazine	5.523	1075916	1471.88	32.8	8056.11	495557	100.0093 ng/ml
Pseudoephedrine	2.579	1181970	625.10	15.6	13883.30	568097	98.1749 ng/ml
Quetiapine	5.498	752689	29813.56	60.6	349.23	106245	103.5529 ng/ml
Sertraline	5.755	167528	659.81	96.1	735582.09	69130	103.2193 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	305774	∞	31.5	73.30	127958	96.0648 ng/ml
Tramadol	4.218	1127331	892.75	3.8	211.31	623334	105.9613 ng/ml
Trazodone	5.040	838734	1617.35	73.3	856967.33	330296	107.5832 ng/ml
Zolpidem	4.818	1159871	522846.17	30.2	2107.11	509222	105.1569 ng/ml

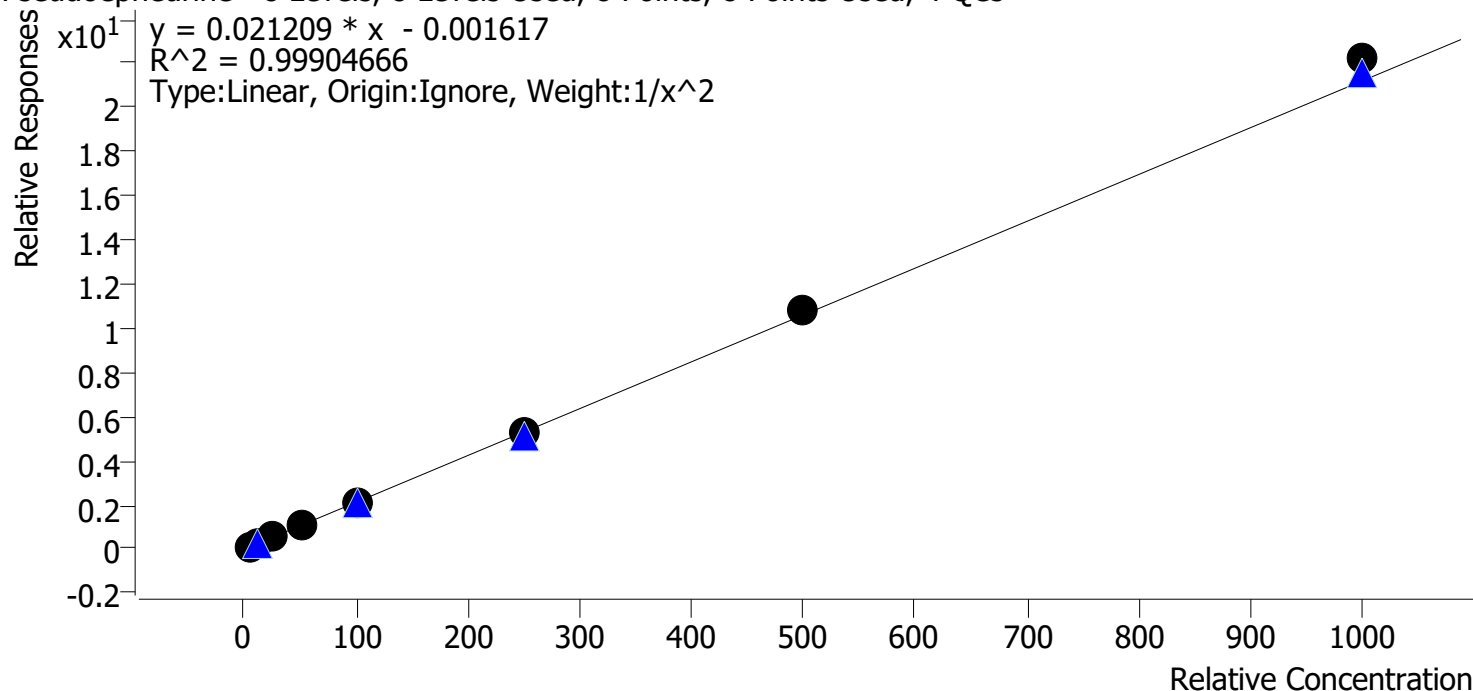
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



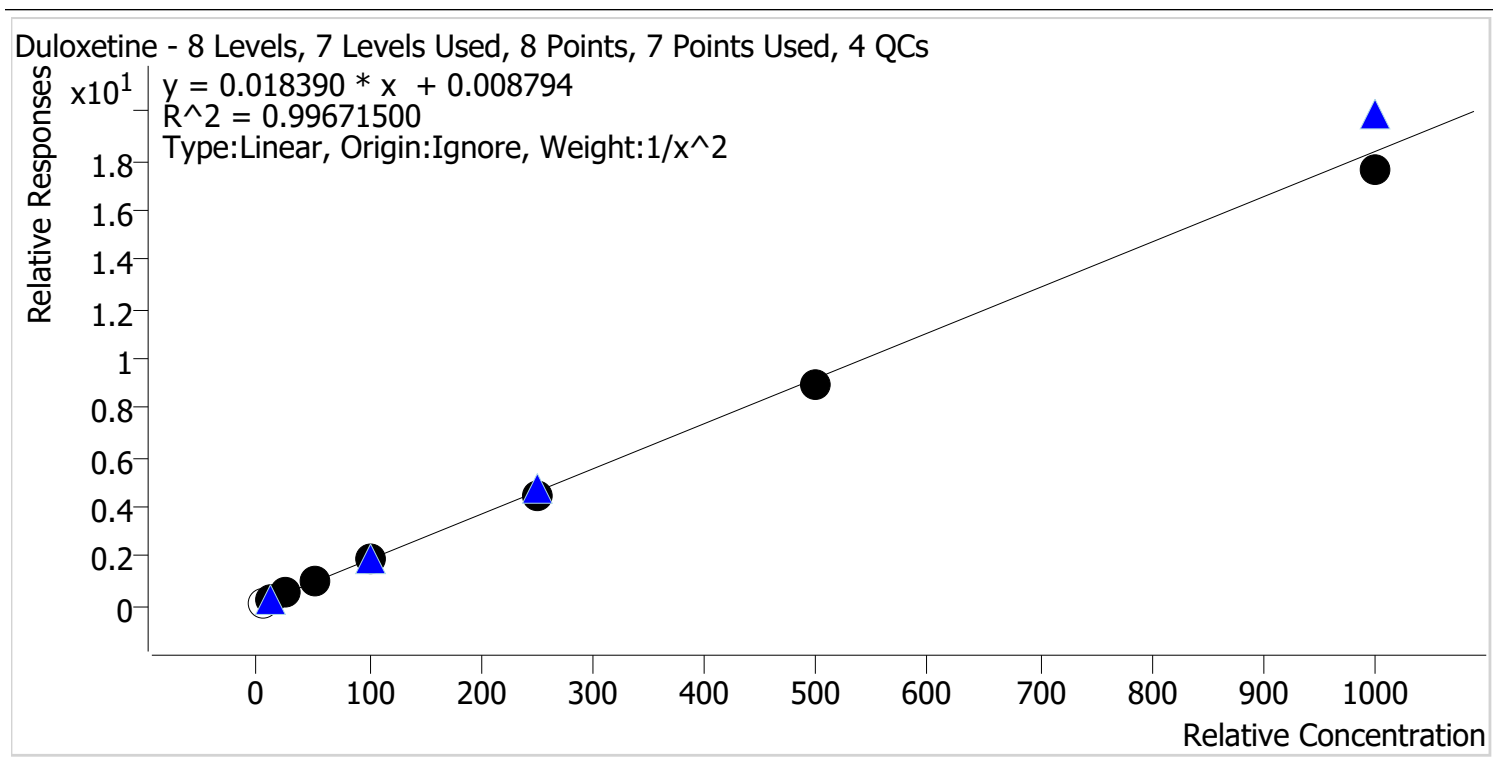
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p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	508.5	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1047.7	104.8

23



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



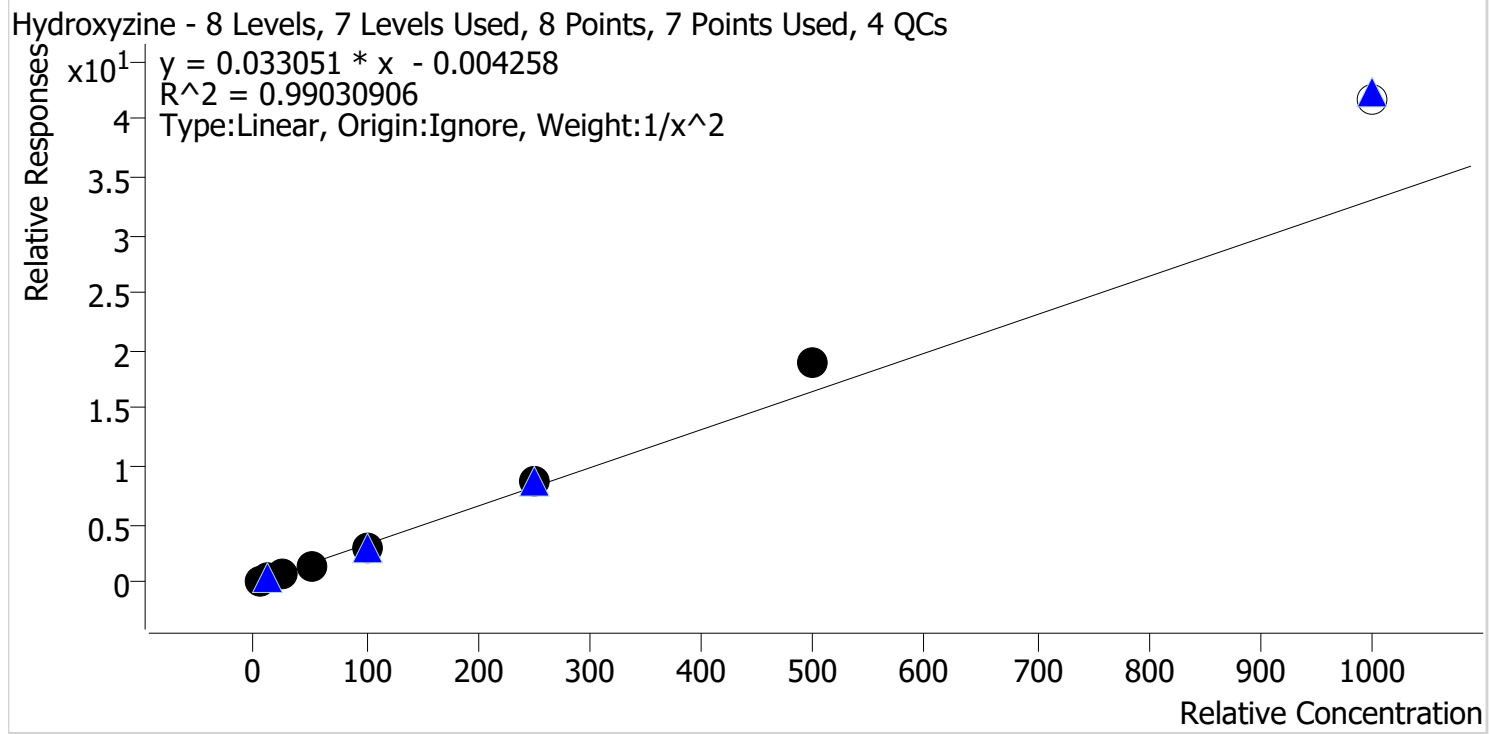
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	483.7	96.7
p1 Cal 8-1000ng	8	✓	1000.0	963.7	96.4

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



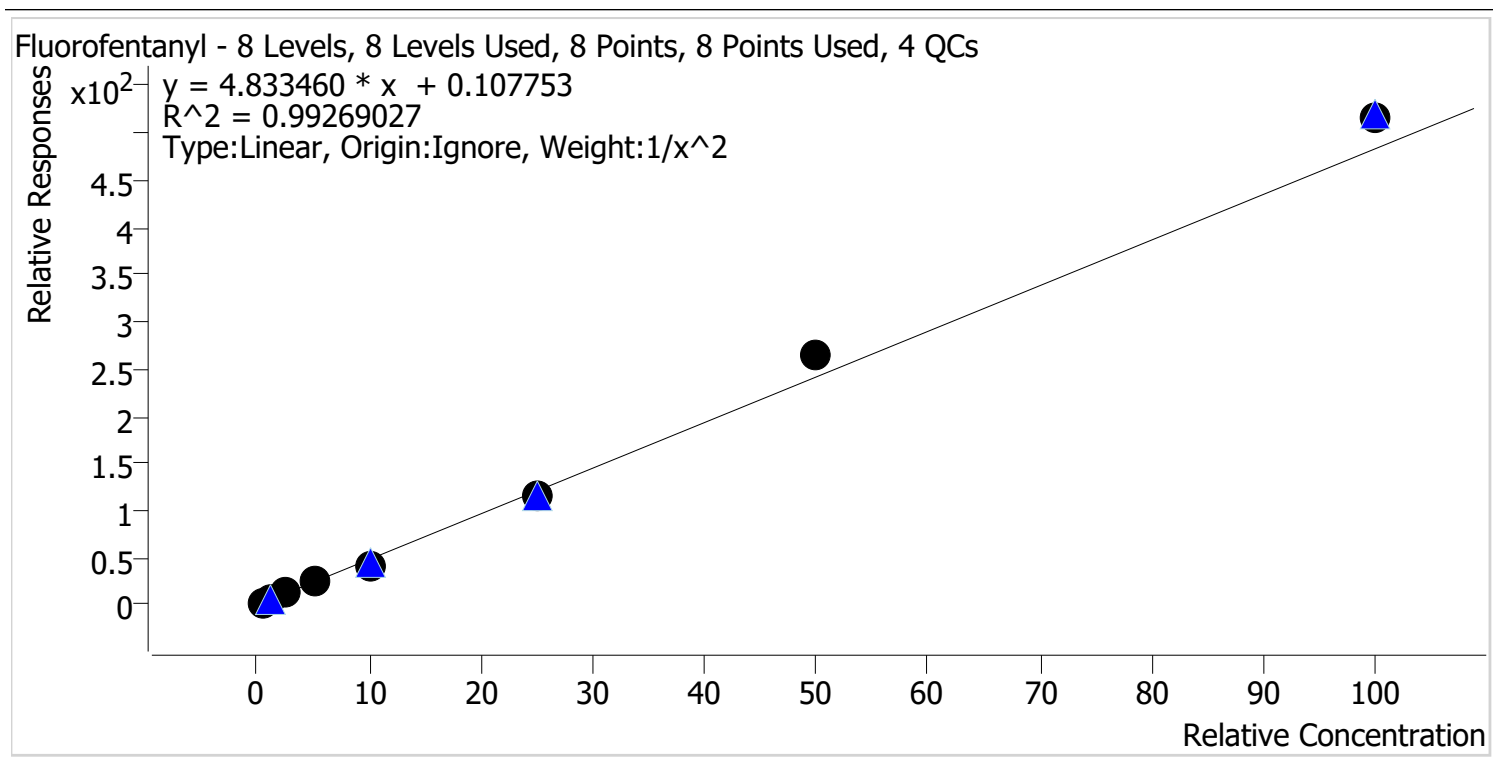
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	45.0	90.0
p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
p1 Cal 6-250ng	6	✓	250.0	262.1	104.8
p1 Cal 7-500ng	7	✓	500.0	571.5	114.3
p1 Cal 8-1000ng	8	✗	1000.0	1262.0	126.2

23



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 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	102.4
p1 Cal 2-10ng	2	✓	1.0	1.0	95.7
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.5
p1 Cal 4-50ng	4	✓	5.0	5.0	99.1
p1 Cal 5-100ng	5	✓	10.0	8.6	86.0
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	55.0	110.0
p1 Cal 8-1000ng	8	✓	100.0	107.2	107.2



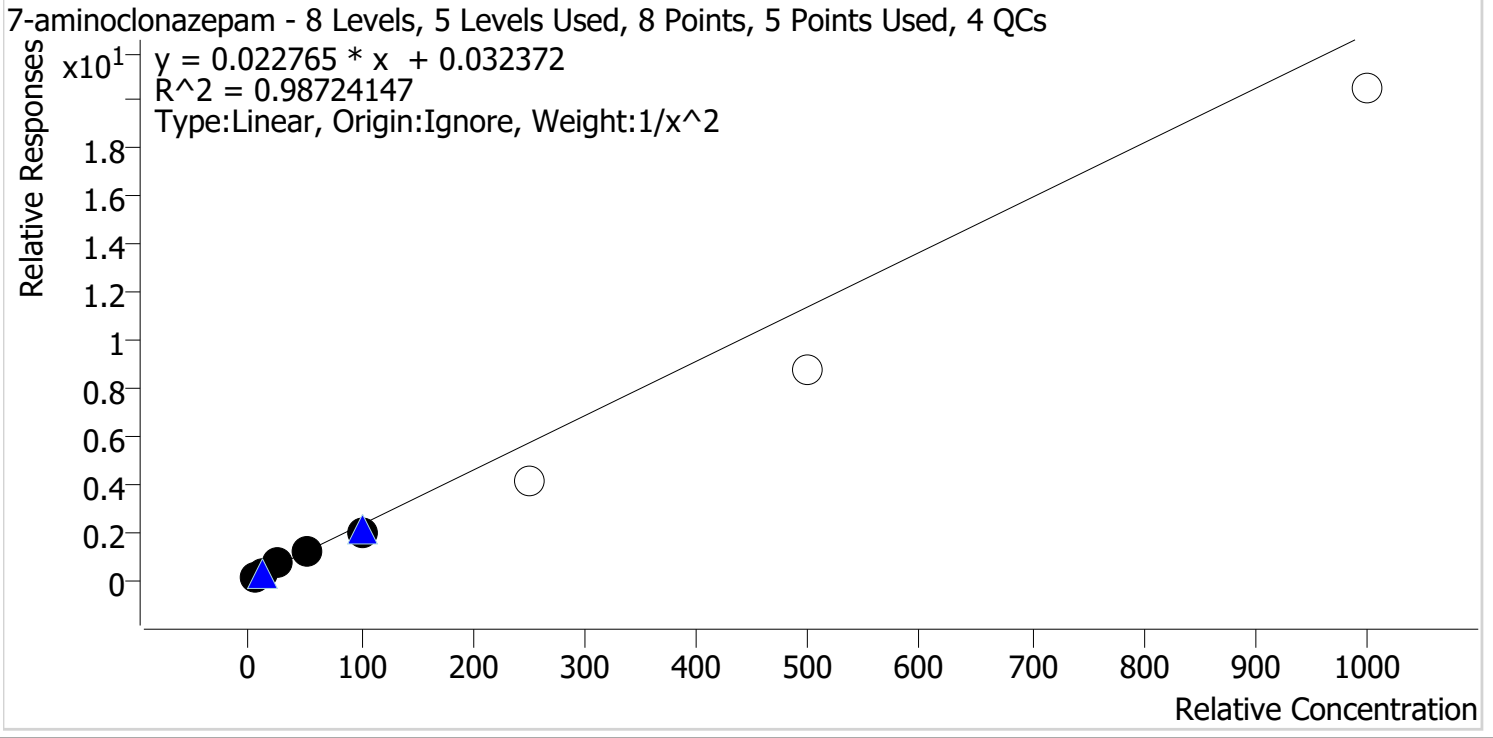
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

Last Cal. Update9/25/2024 9:22 AM

Analyst NameISP\Datastor

Analyte7-aminoclonazepamInternal Standard7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.7	107.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	88.2	88.2
p1 Cal 6-250ng	6	✗	250.0	180.0	72.0
p1 Cal 7-500ng	7	✗	500.0	382.3	76.5
p1 Cal 8-1000ng	8	✗	1000.0	899.8	90.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

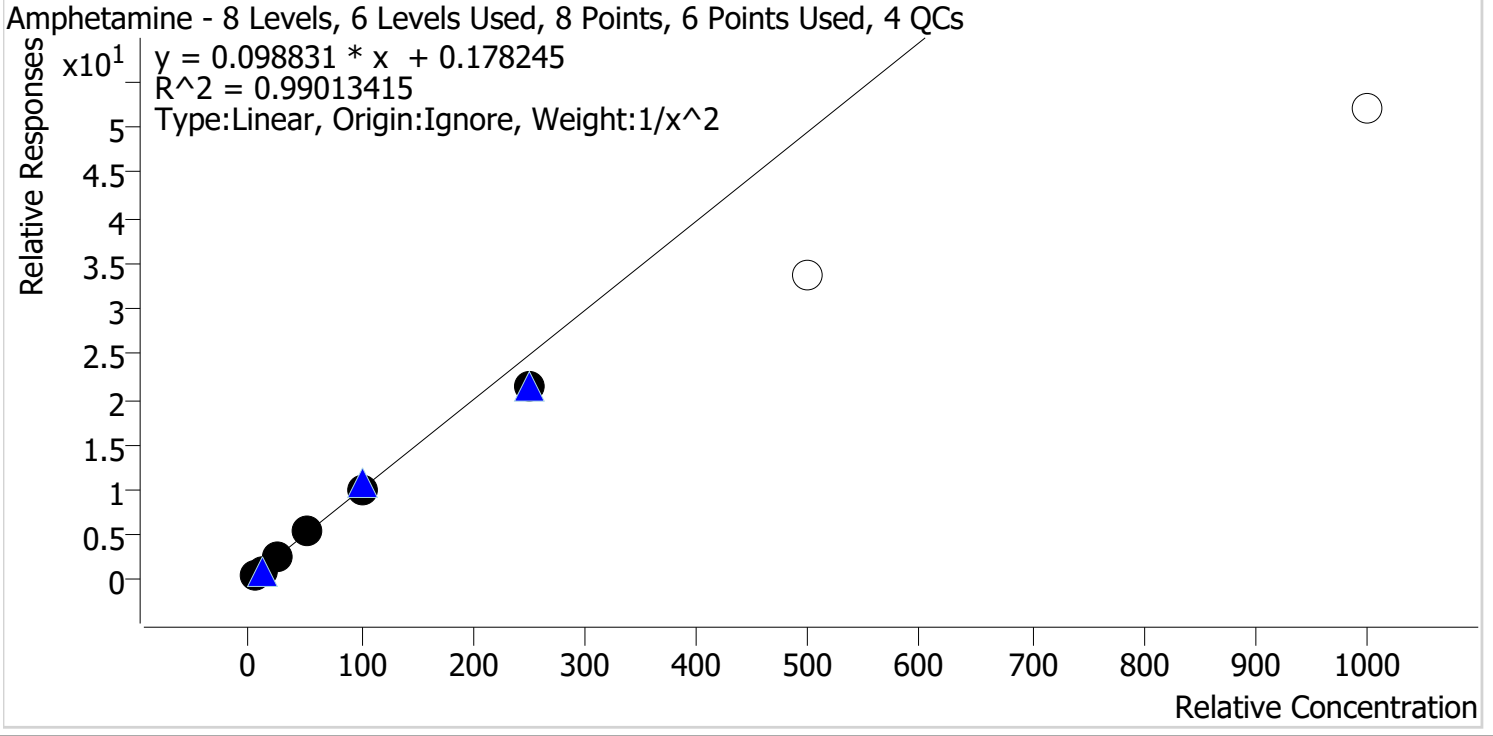
9/25/2024 9:22 AM

ISP\Datastor

Amphetamine

Internal Standard

Amphetamine-D11



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	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	214.0	85.6
p1 Cal 7-500ng	7	✗	500.0	340.9	68.2
p1 Cal 8-1000ng	8	✗	1000.0	525.2	52.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

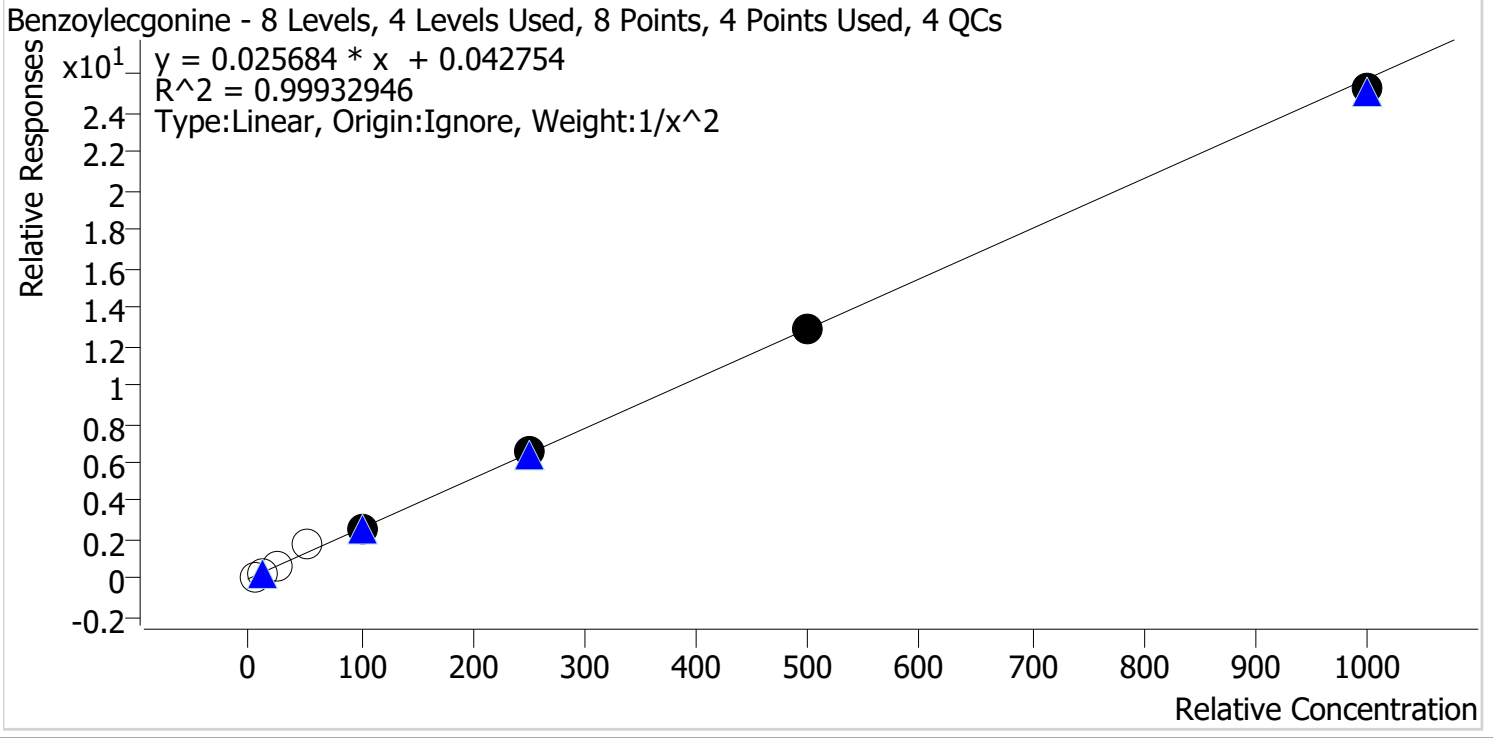
9/25/2024 9:22 AM

ISP\Datastor

Benzoylecgonine

Internal Standard

Benzoylecgonine-d8



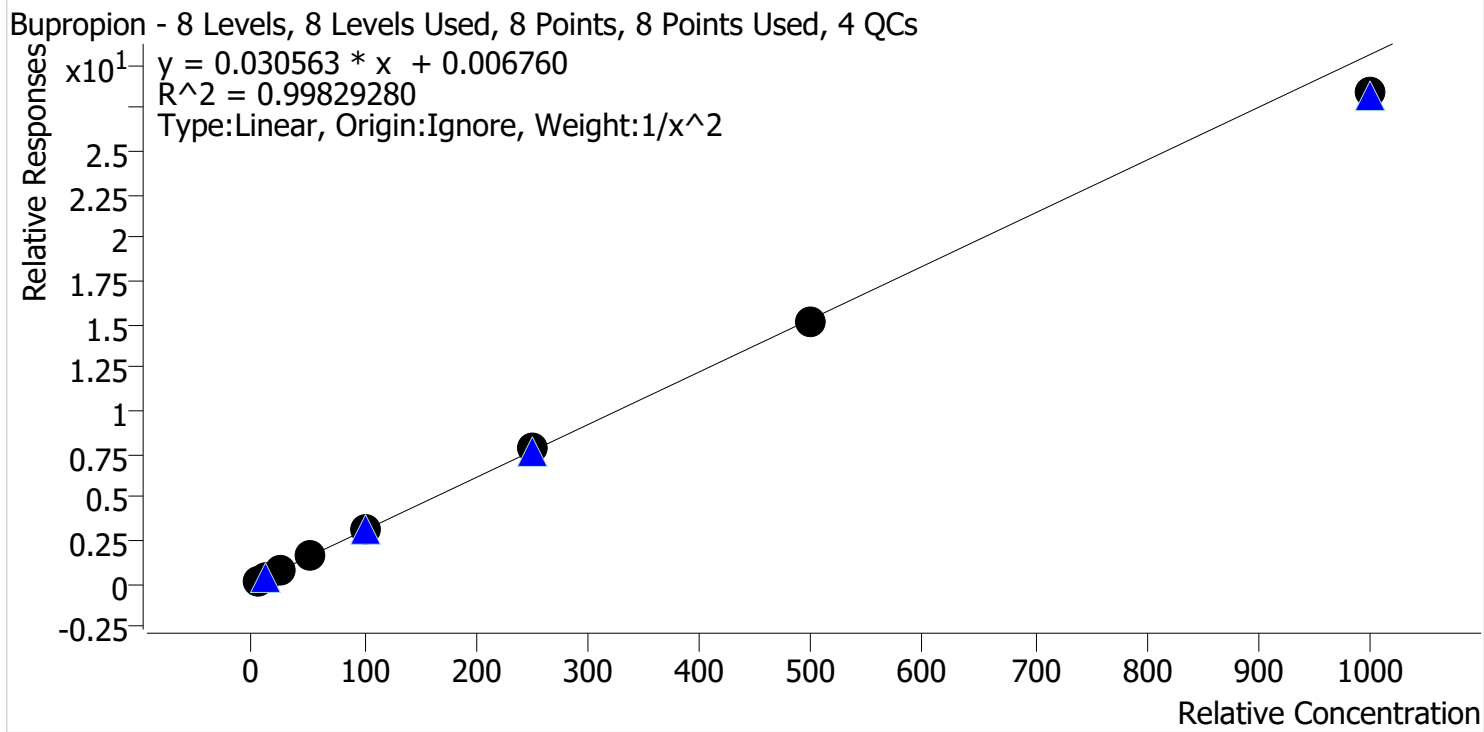
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	3.1	62.7
p1 Cal 2-10ng	2	x	10.0	8.1	80.9
p1 Cal 3 -25ng	3	x	25.0	24.4	97.5
p1 Cal 4-50ng	4	x	50.0	66.2	132.4
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	501.8	100.4
p1 Cal 8-1000ng	8	✓	1000.0	980.4	98.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 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	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	494.0	98.8
p1 Cal 8-1000ng	8	✓	1000.0	927.9	92.8

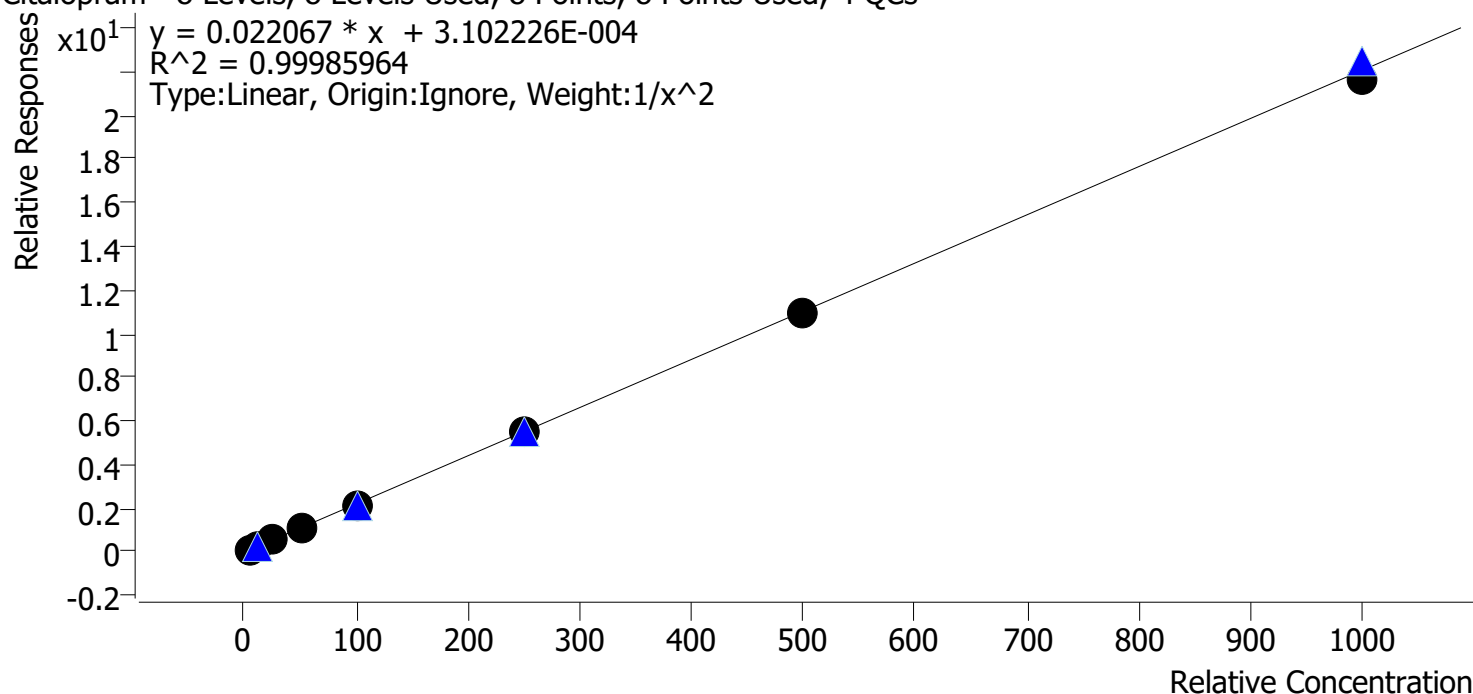
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



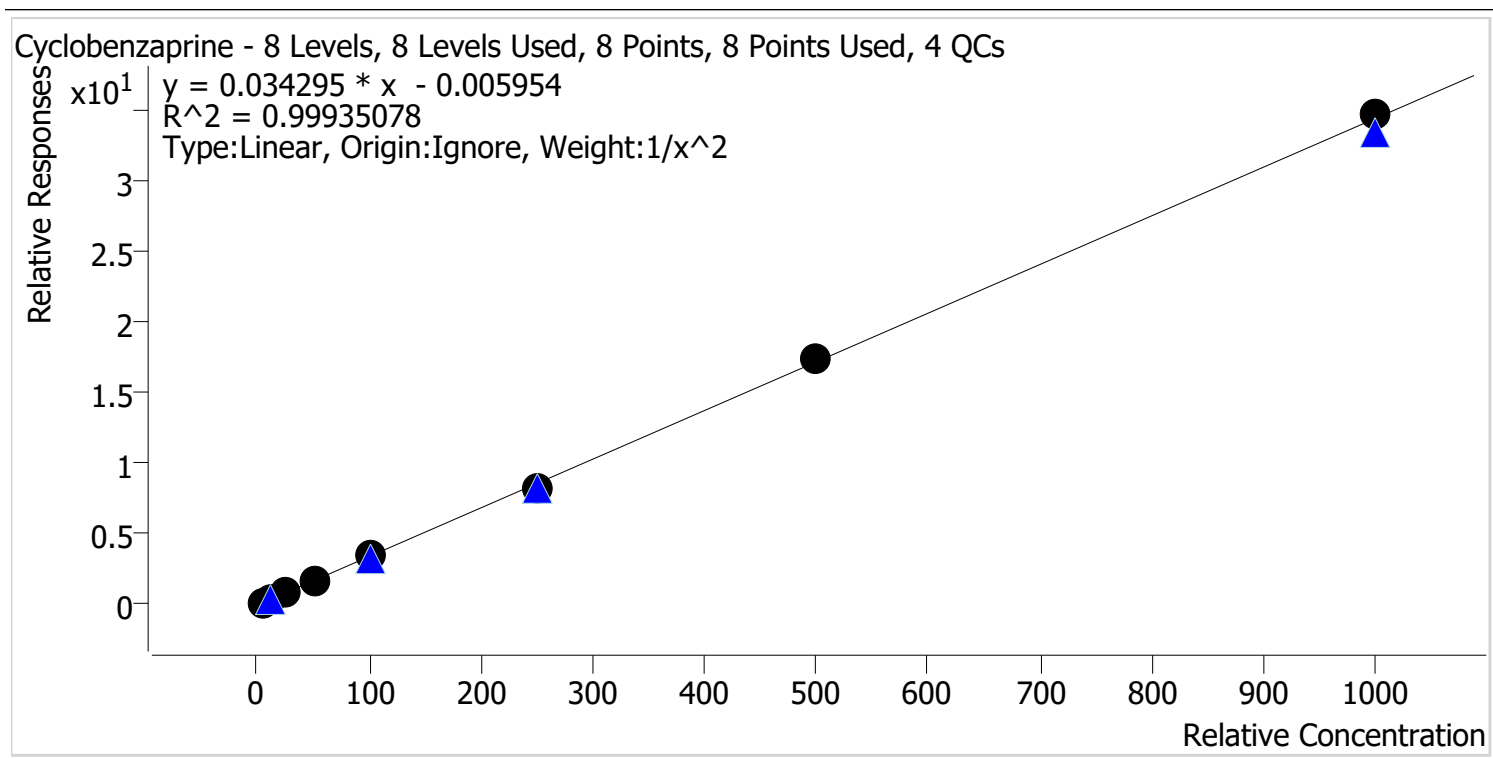
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	984.1	98.4

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1008.1	100.8

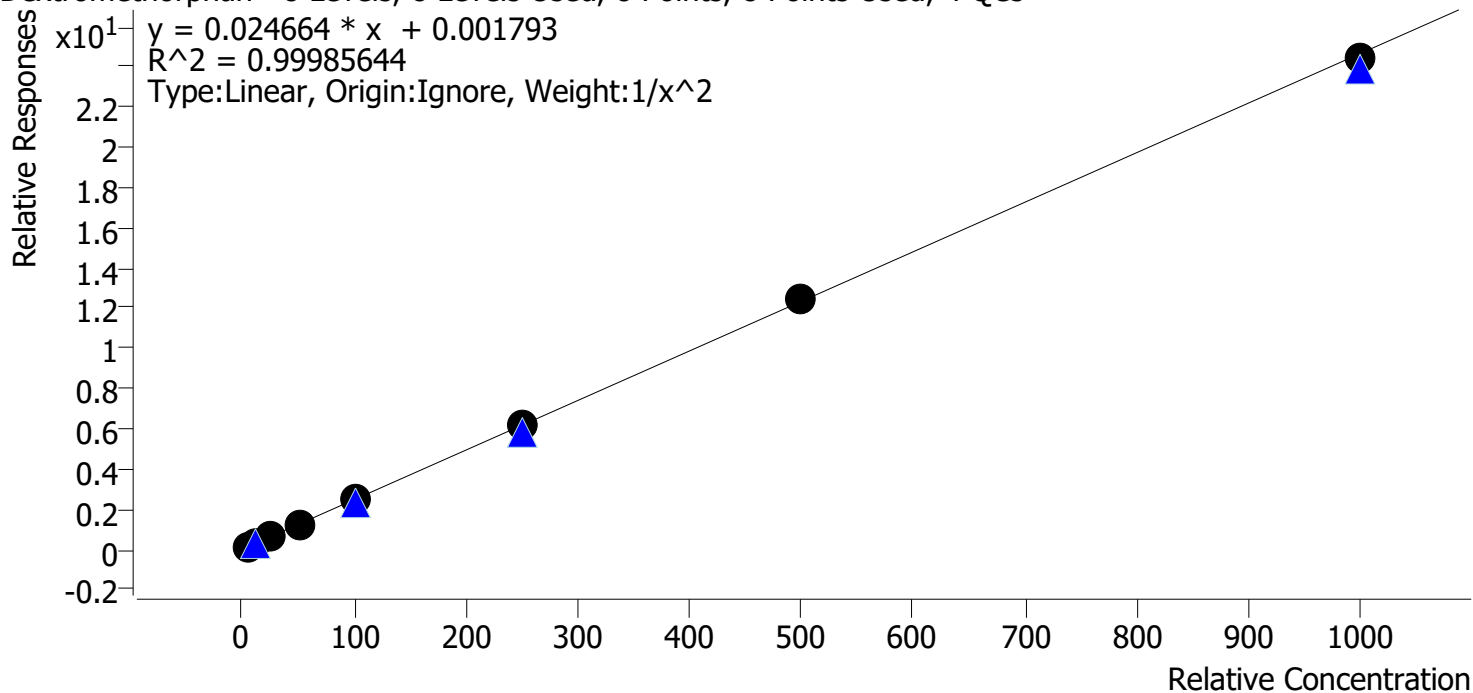
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



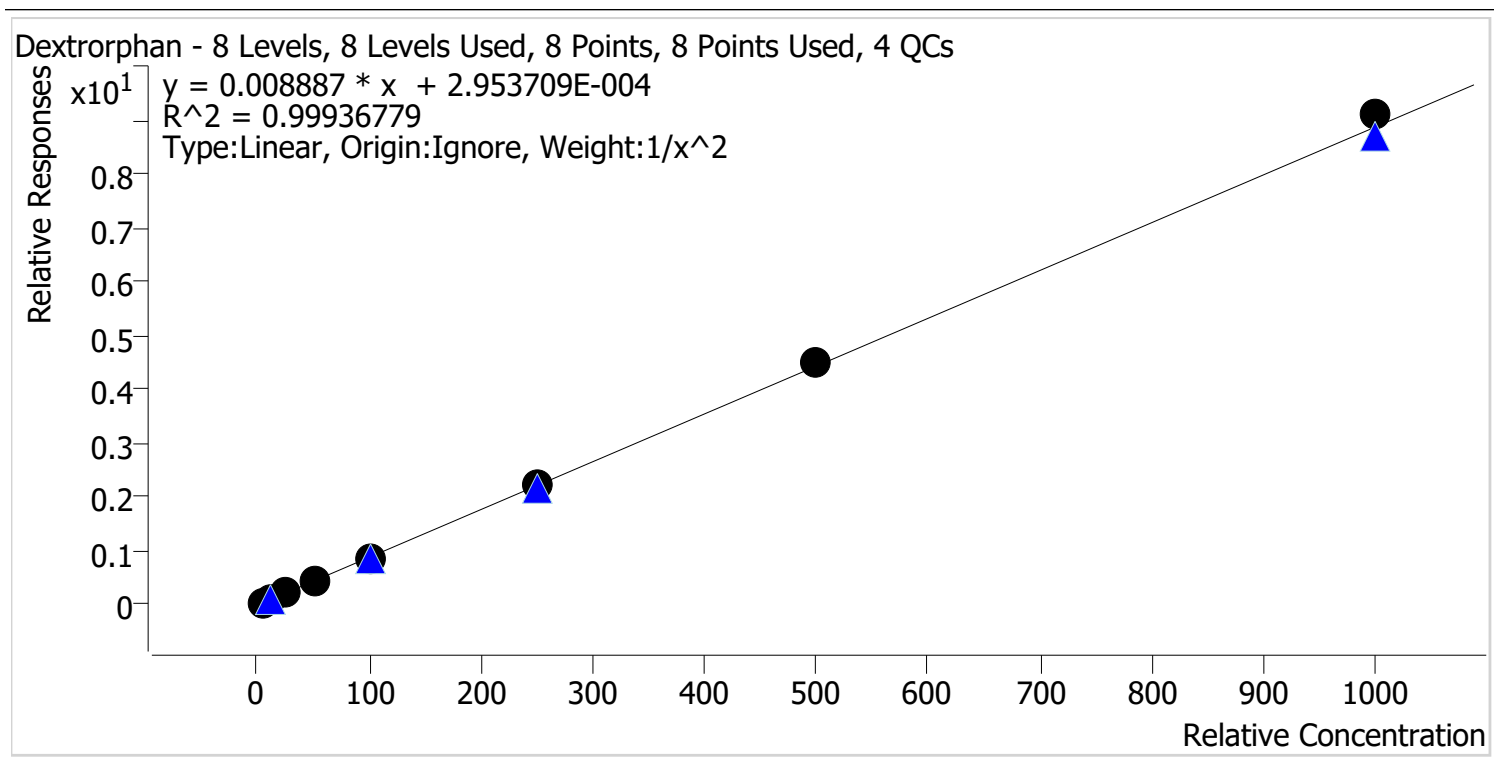
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	989.9	99.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



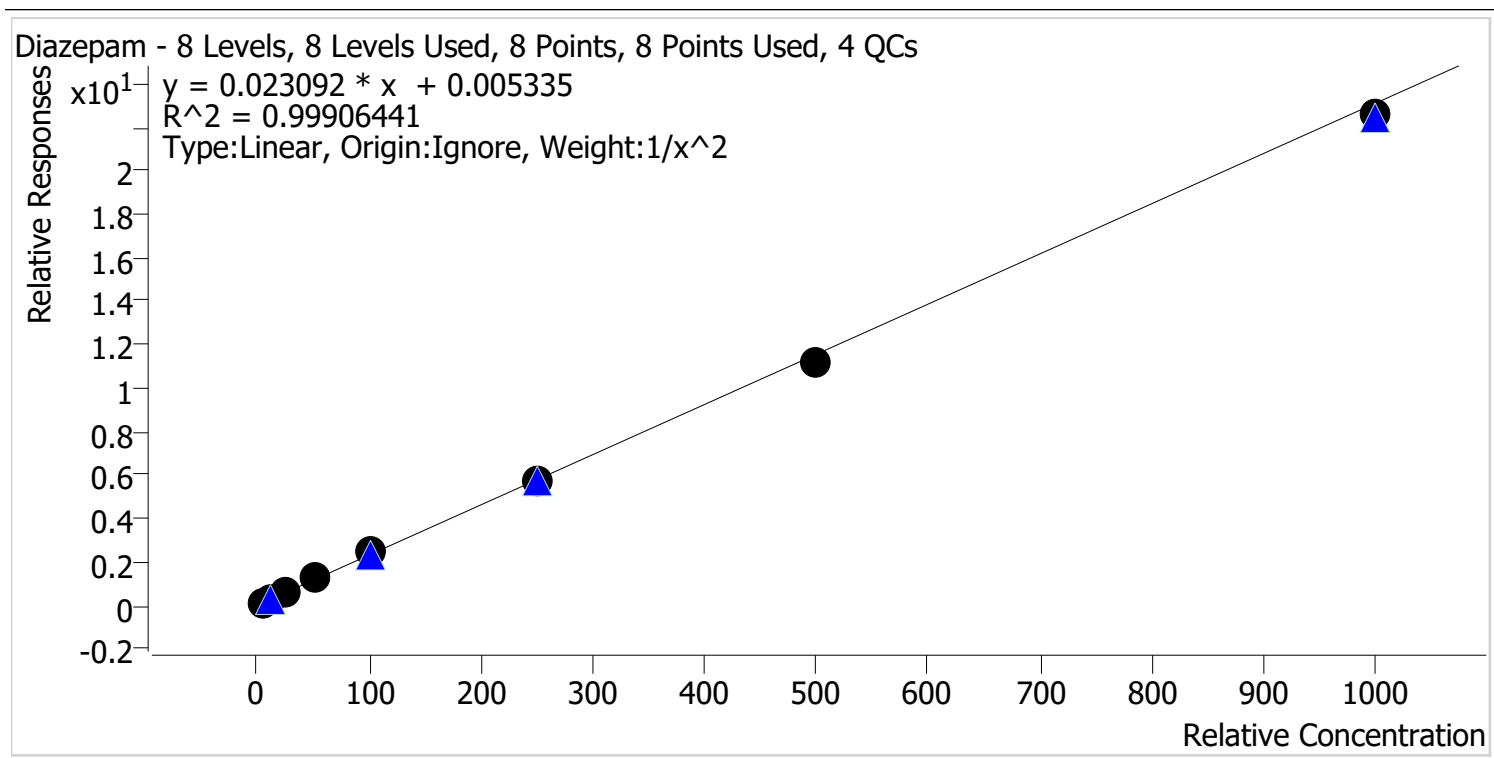
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1026.1	102.6

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	481.0	96.2
p1 Cal 8-1000ng	8	✓	1000.0	977.7	97.8

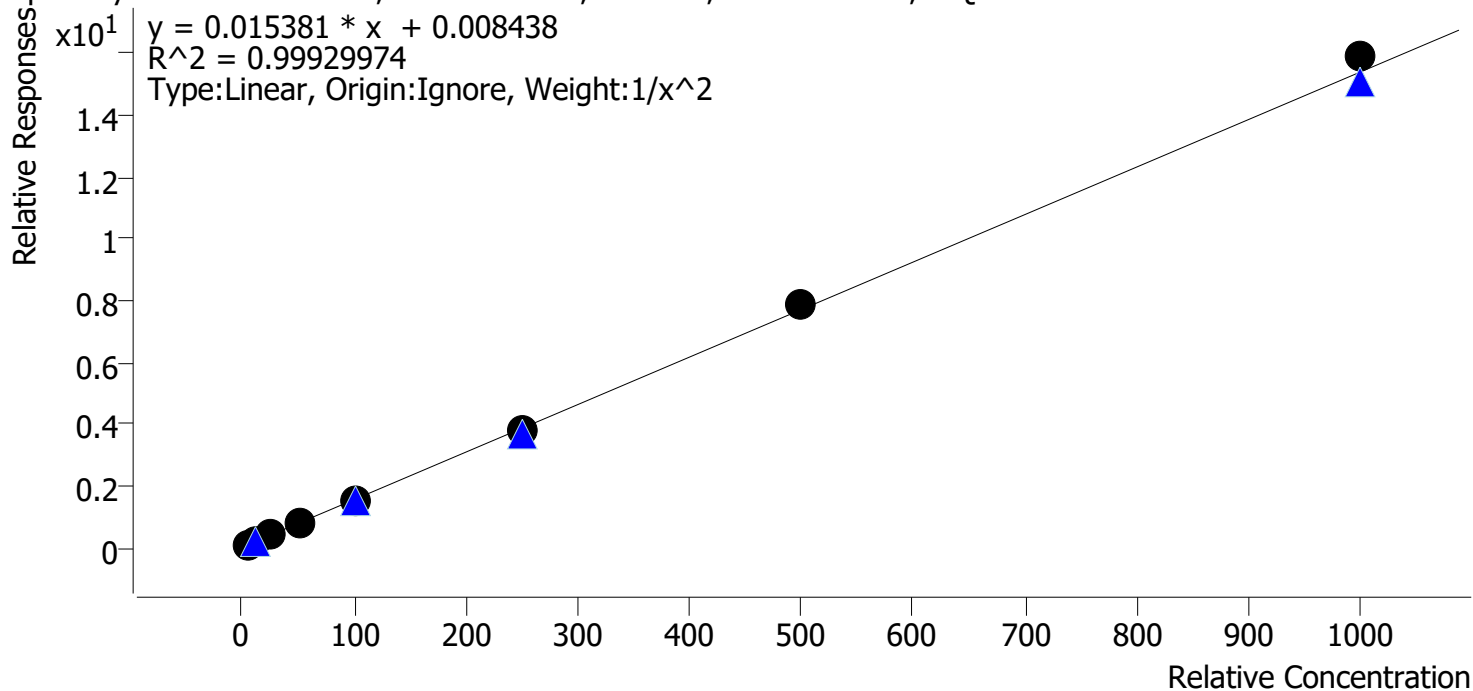
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



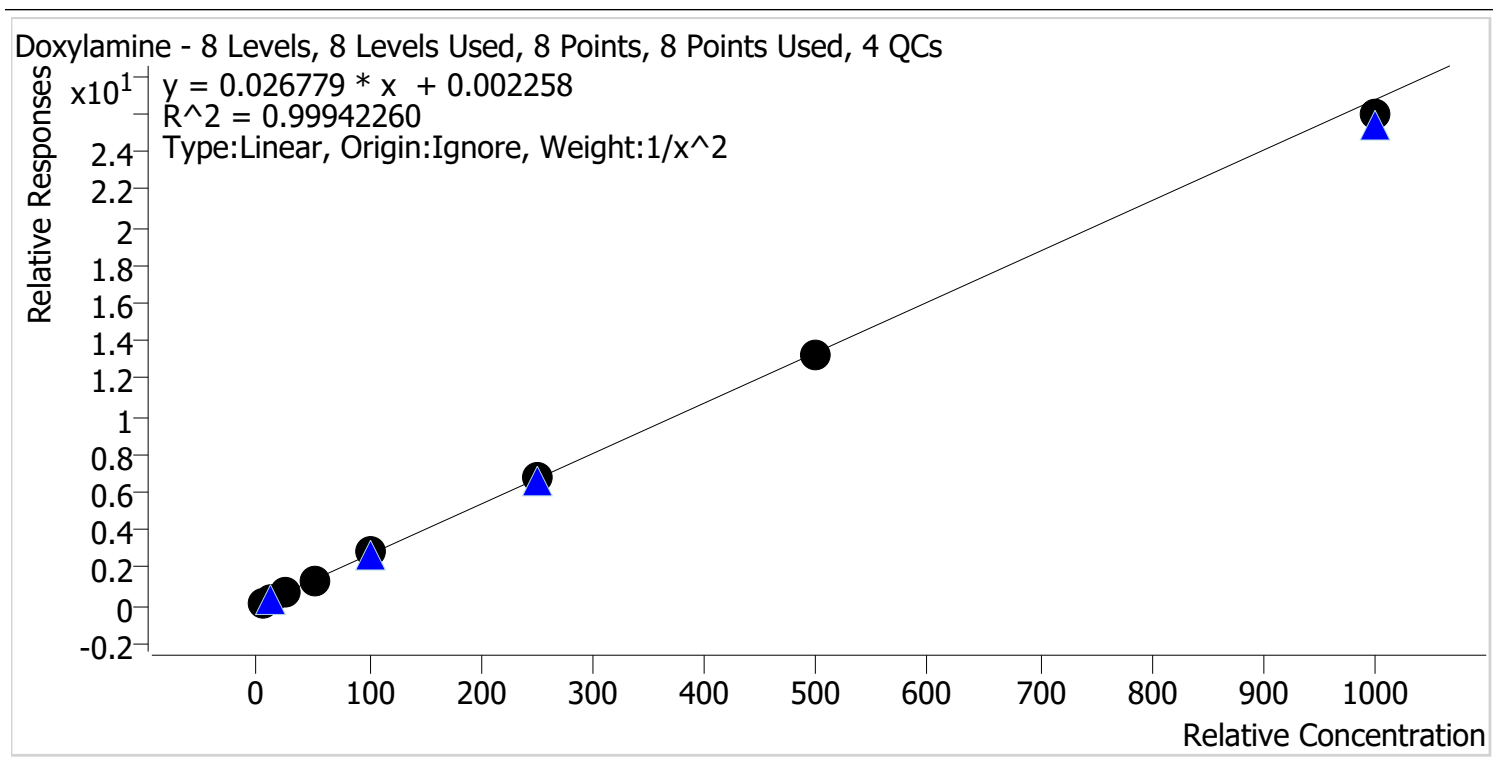
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1032.6	103.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



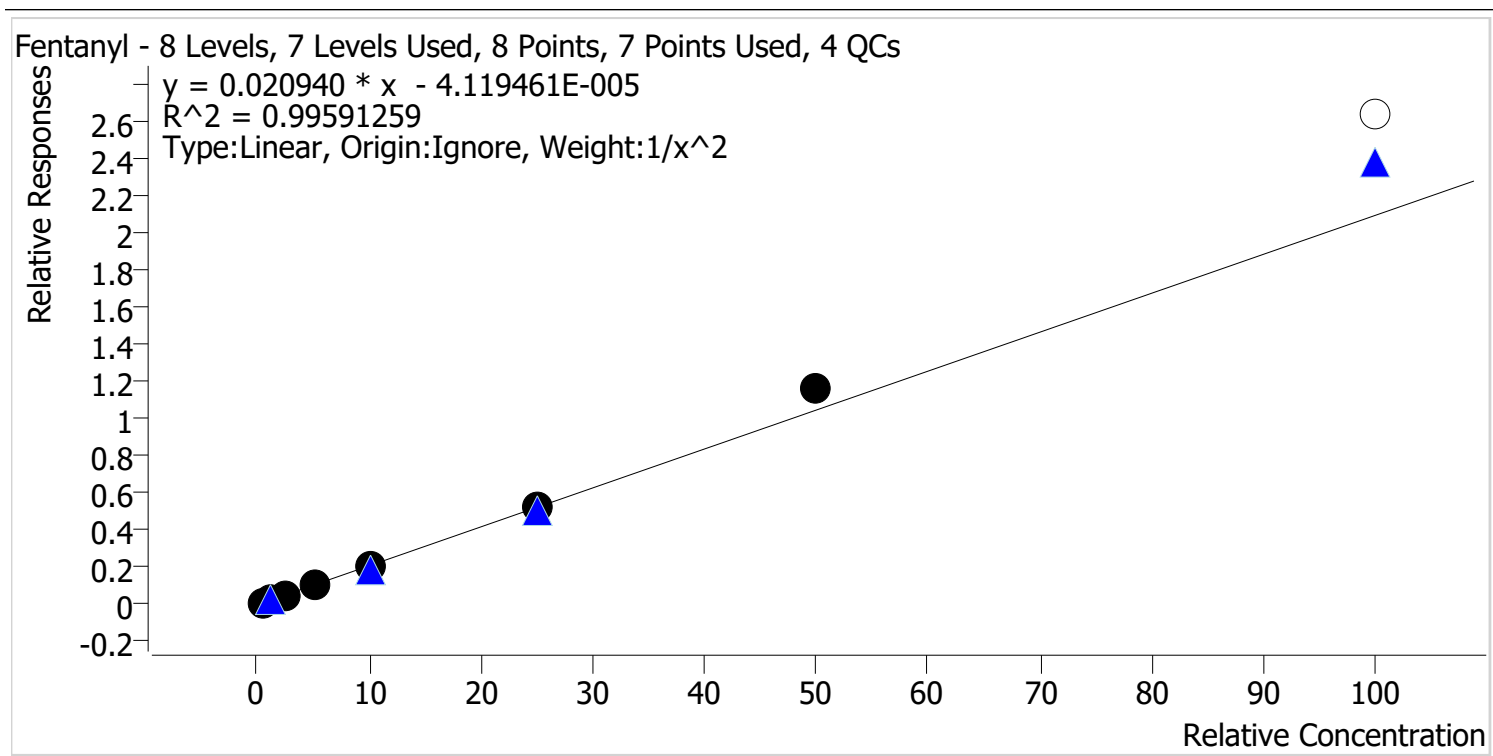
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	497.3	99.5
p1 Cal 8-1000ng	8	✓	1000.0	970.4	97.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

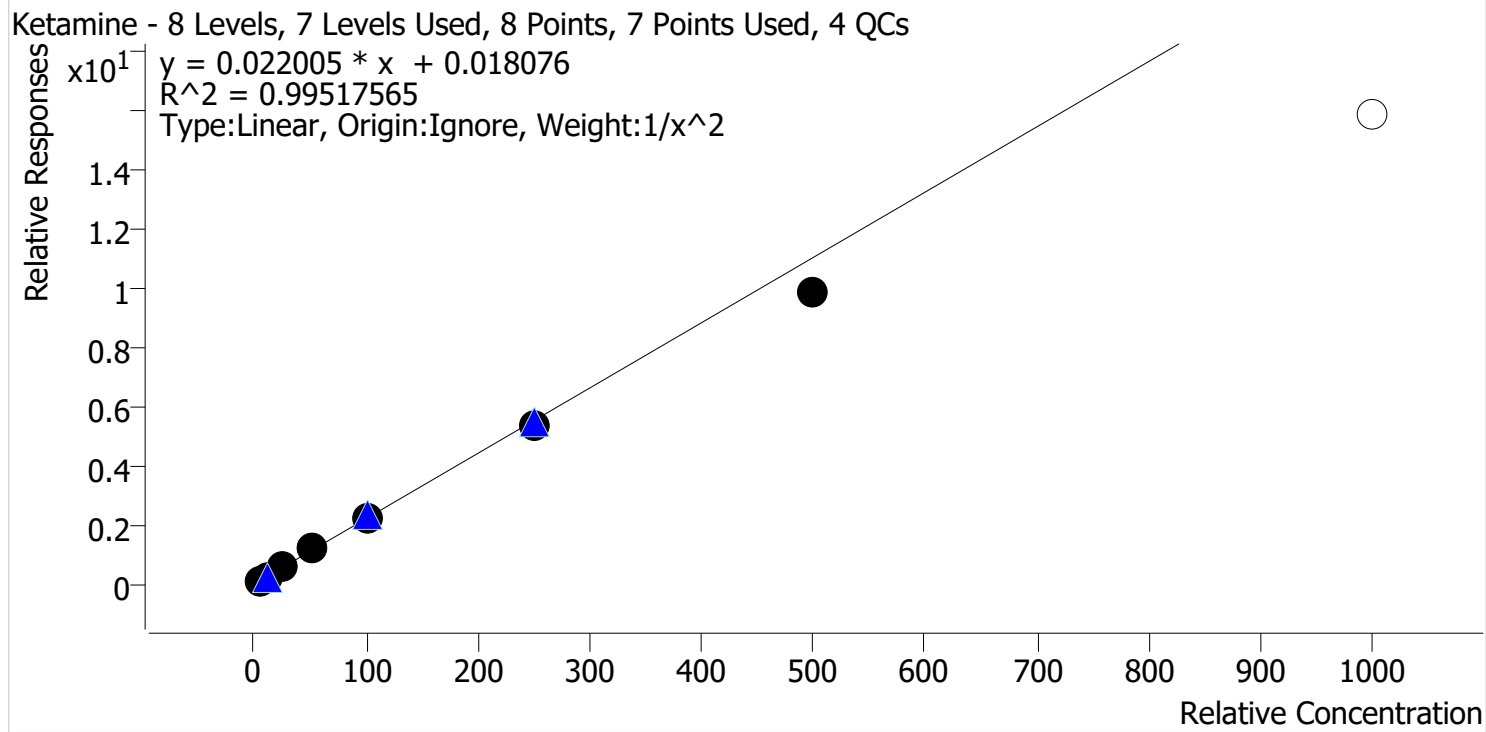


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2-10ng	2	✓	1.0	1.0	96.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	98.0
p1 Cal 4-50ng	4	✓	5.0	4.7	94.4
p1 Cal 5-100ng	5	✓	10.0	9.7	96.5
p1 Cal 6-250ng	6	✓	25.0	25.3	101.4
p1 Cal 7-500ng	7	✓	50.0	55.2	110.4
p1 Cal 8-1000ng	8	✗	100.0	125.9	125.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 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	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	449.2	89.8
p1 Cal 8-1000ng	8	✗	1000.0	720.7	72.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

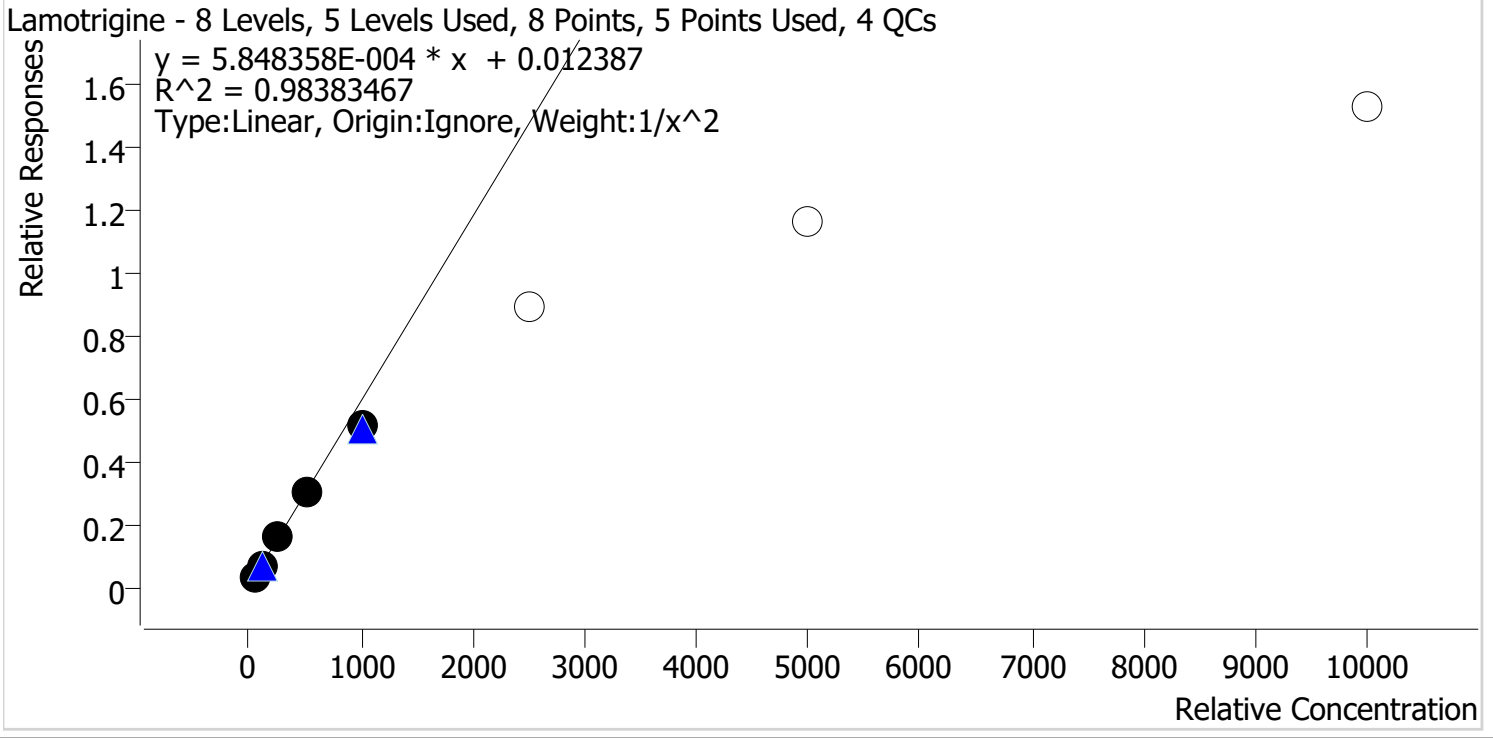
9/25/2024 9:22 AM

ISP\Datastor

Lamotrigine

Internal Standard

Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	50.0	47.2	94.5
p1 Cal 2-10ng	2	✓	100.0	108.4	108.4
p1 Cal 3 -25ng	3	✓	250.0	273.2	109.3
p1 Cal 4-50ng	4	✓	500.0	509.9	102.0
p1 Cal 5-100ng	5	✓	1000.0	859.0	85.9
p1 Cal 6-250ng	6	✗	2500.0	1509.5	60.4
p1 Cal 7-500ng	7	✗	5000.0	1976.4	39.5
p1 Cal 8-1000ng	8	✗	10000.0	2588.4	25.9

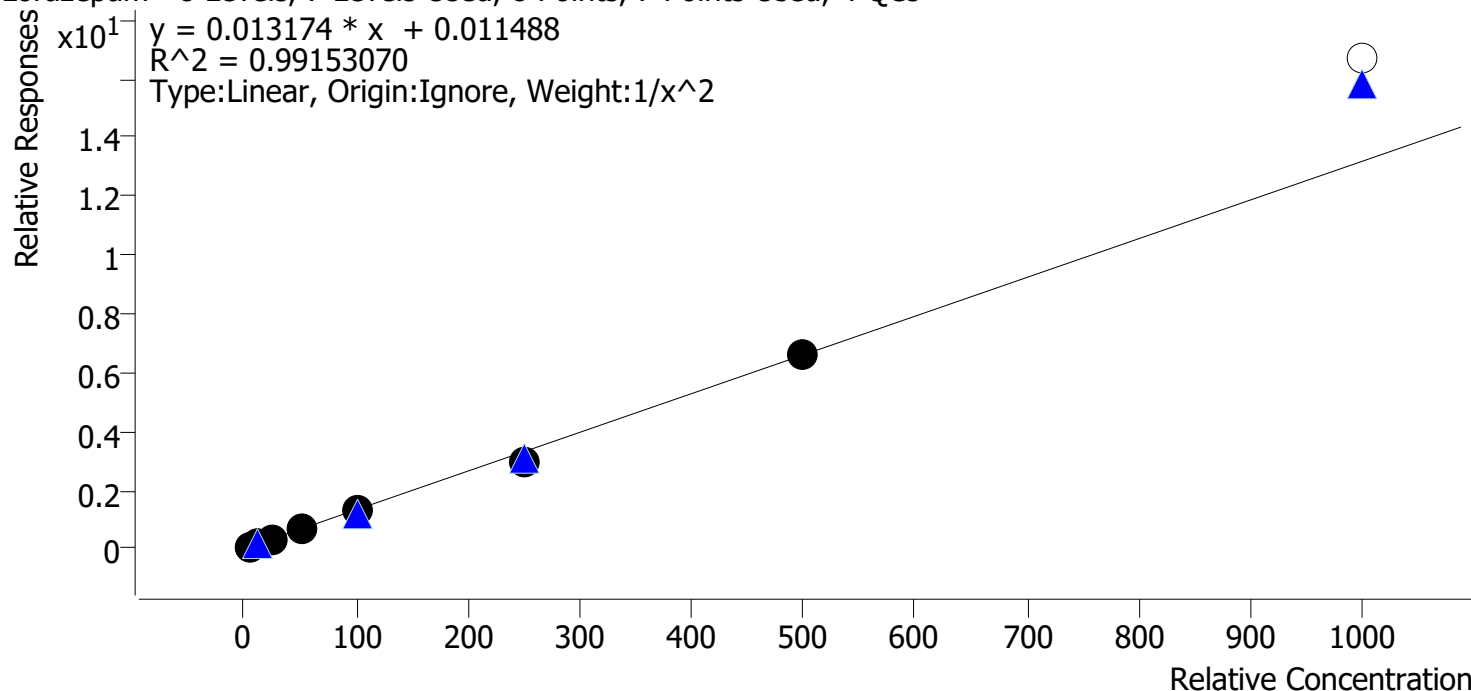
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
 Last Cal. Update 9/25/2024 9:22 AM
 Analyst Name ISP\Datastor
 Analyte Lorazepam Internal Standard Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	11.2	111.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	226.7	90.7
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✗	1000.0	1265.2	126.5



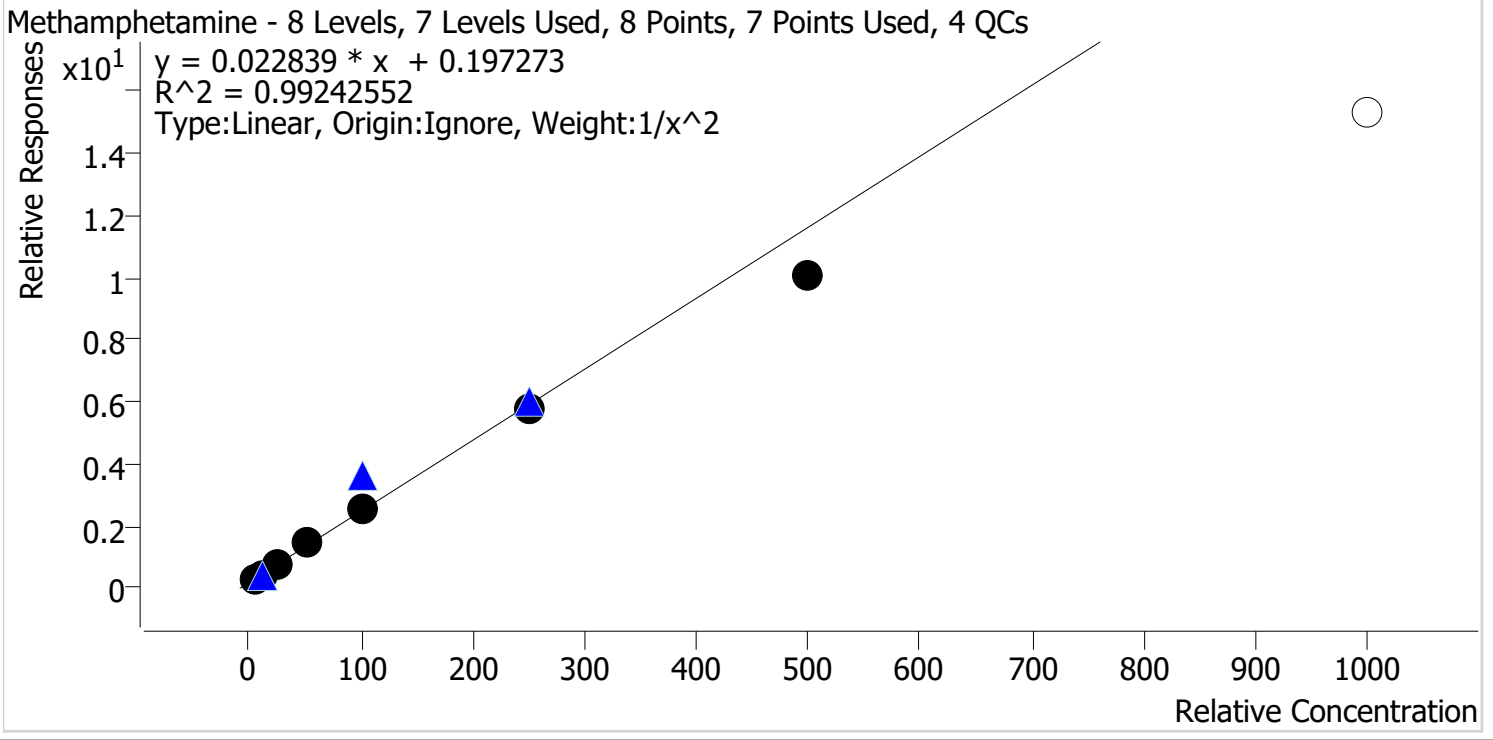
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

Last Cal. Update9/25/2024 9:22 AM

Analyst NameISP\Datastor

AnalyteMethamphetamineInternal StandardMethamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	243.9	97.6
p1 Cal 7-500ng	7	✓	500.0	431.1	86.2
p1 Cal 8-1000ng	8	✗	1000.0	661.7	66.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

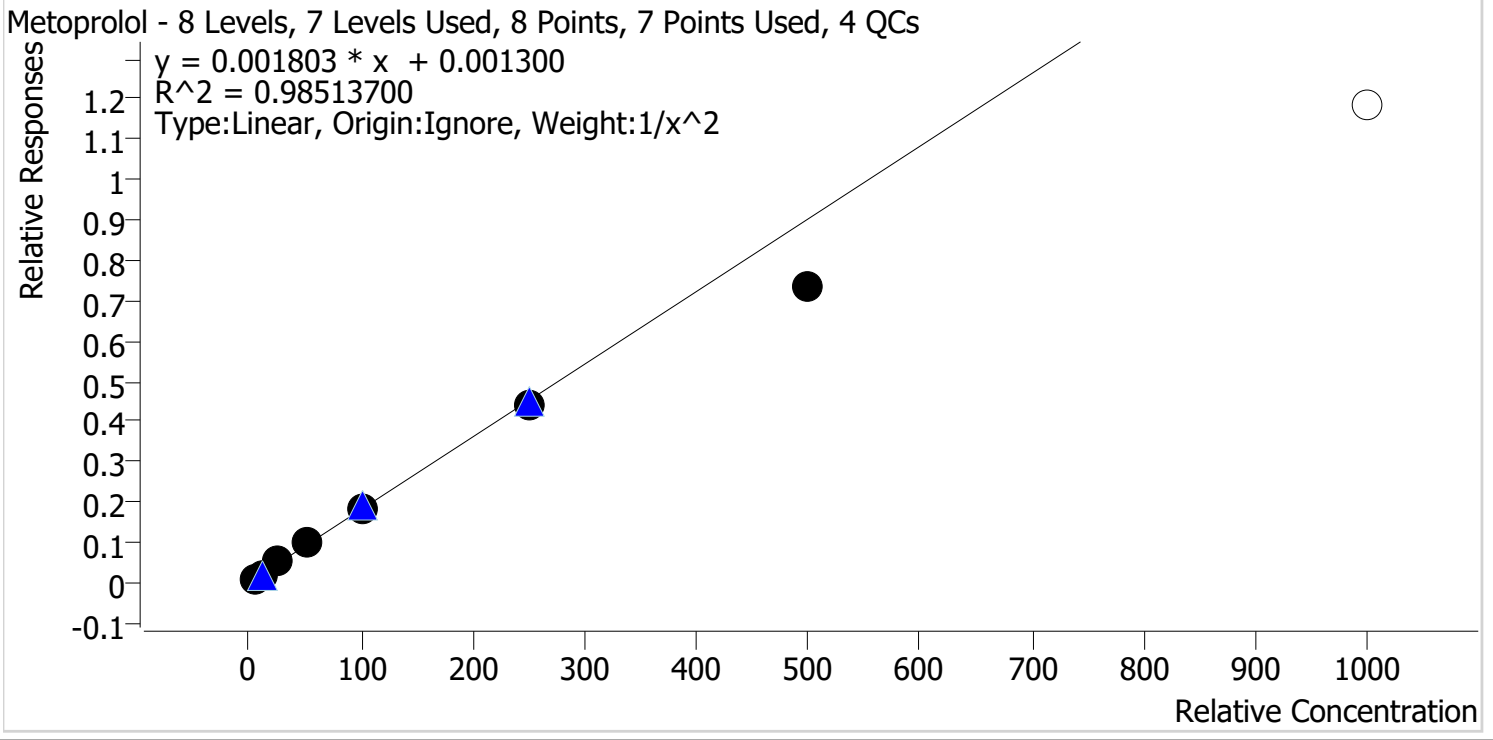
9/25/2024 9:22 AM

ISP\Datastor

Metoprolol

Internal Standard

Tramadol-13C-D3



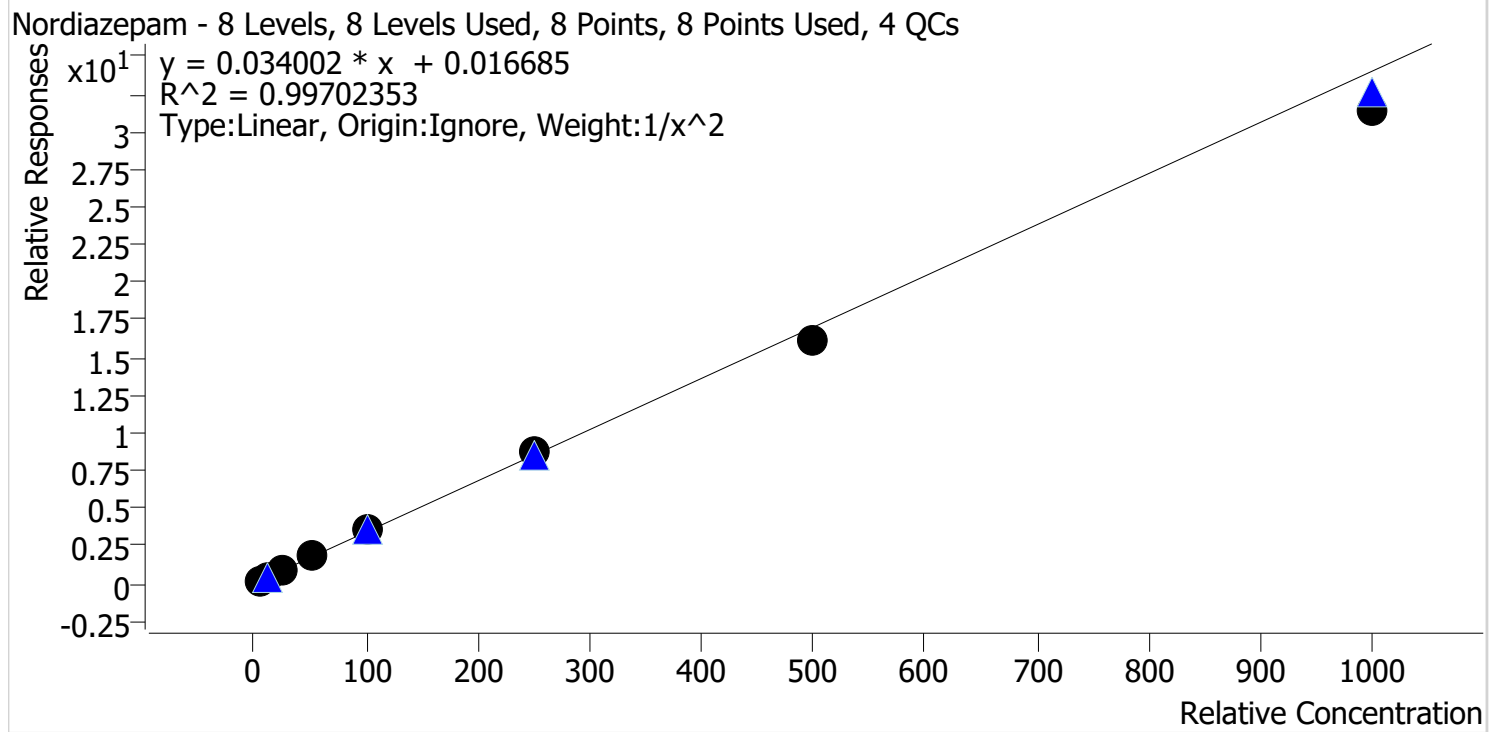
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	55.1	110.1
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	404.5	80.9
p1 Cal 8-1000ng	8	✗	1000.0	659.0	65.9

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



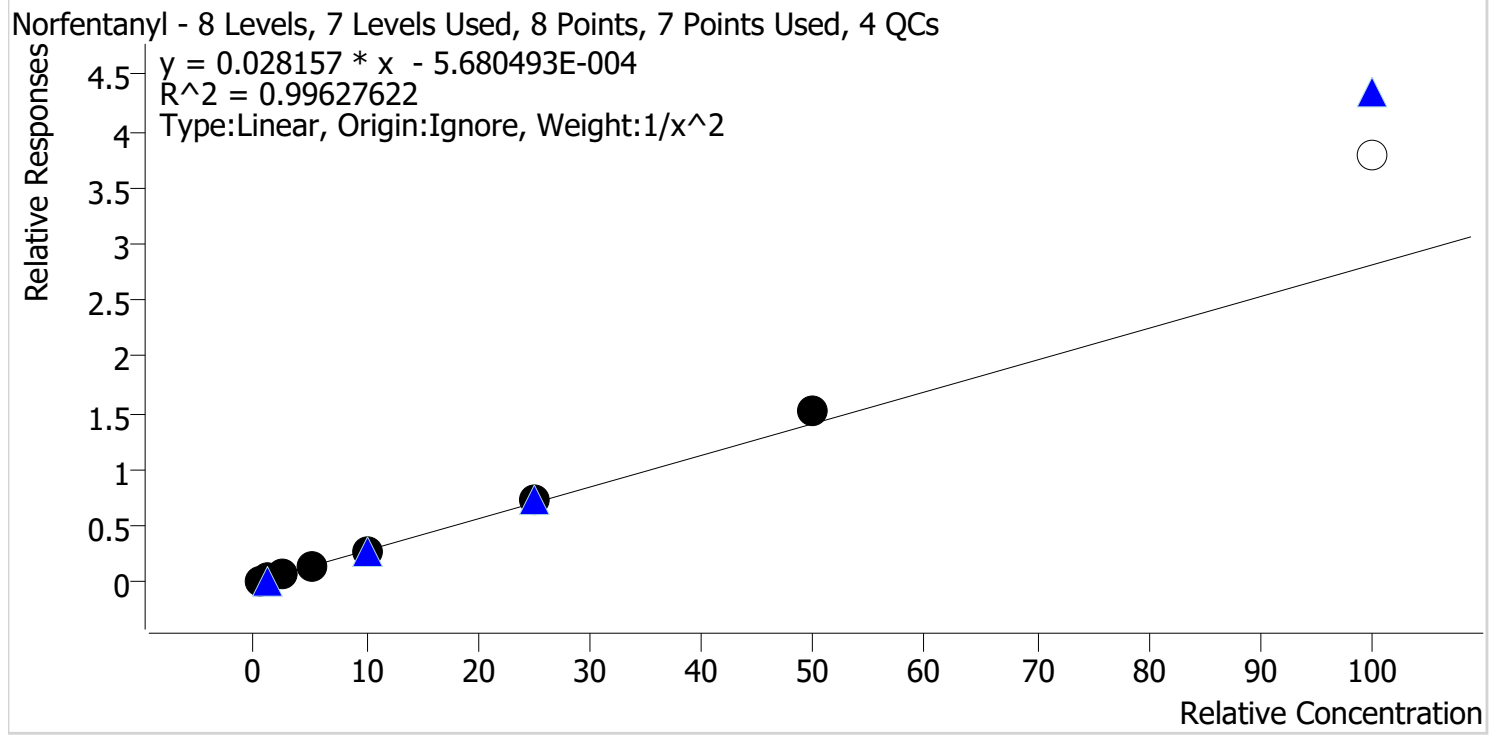
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	471.7	94.3
p1 Cal 8-1000ng	8	✓	1000.0	920.3	92.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 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	104.0
p1 Cal 2-10ng	2	✓	1.0	0.9	94.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.1
p1 Cal 4-50ng	4	✓	5.0	4.8	96.5
p1 Cal 5-100ng	5	✓	10.0	9.9	98.9
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	54.2	108.5
p1 Cal 8-1000ng	8	✗	100.0	134.2	134.2



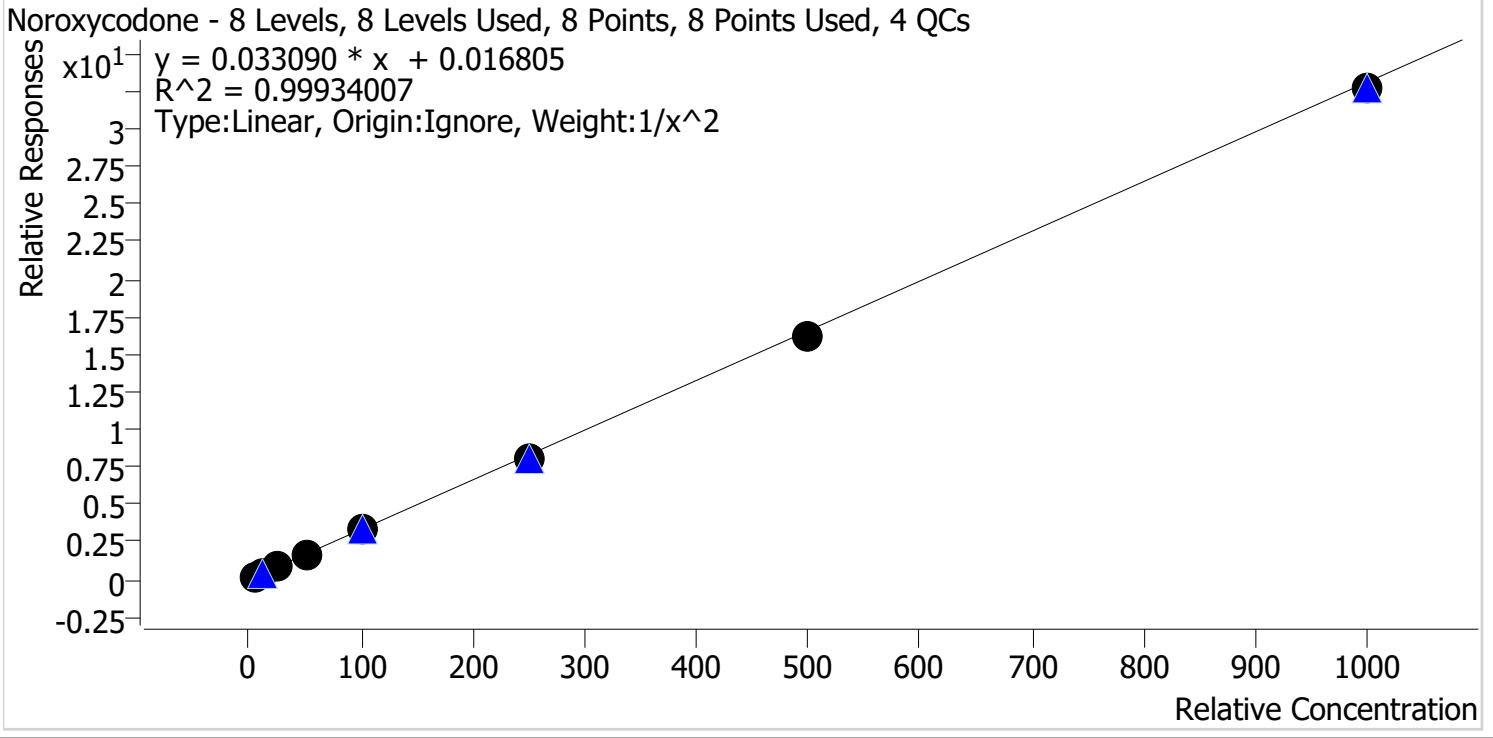
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

Last Cal. Update9/25/2024 9:22 AM

Analyst NameISP\Datastor

AnalyteNoroxycodoneInternal StandardNoroxycodone-D3



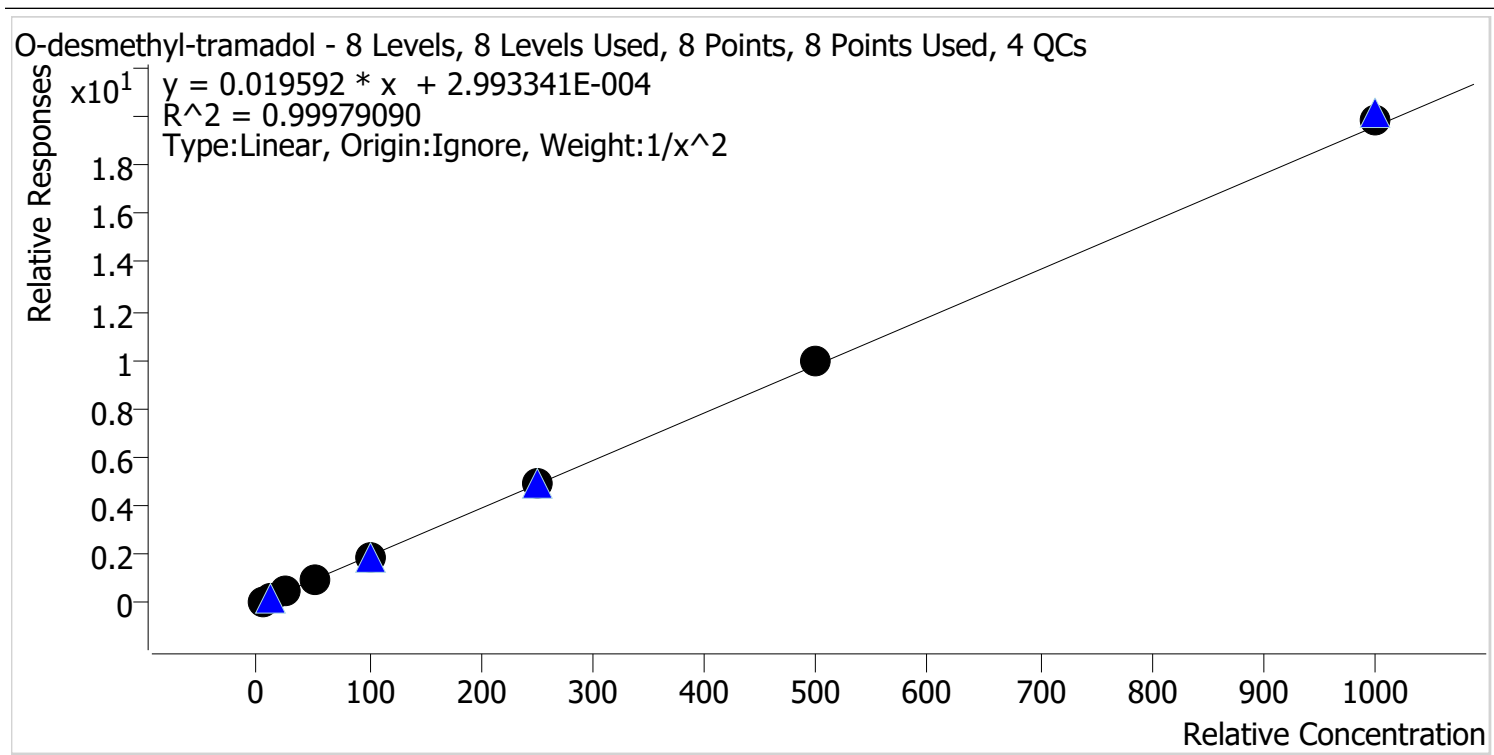
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	985.0	98.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 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	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1011.6	101.2

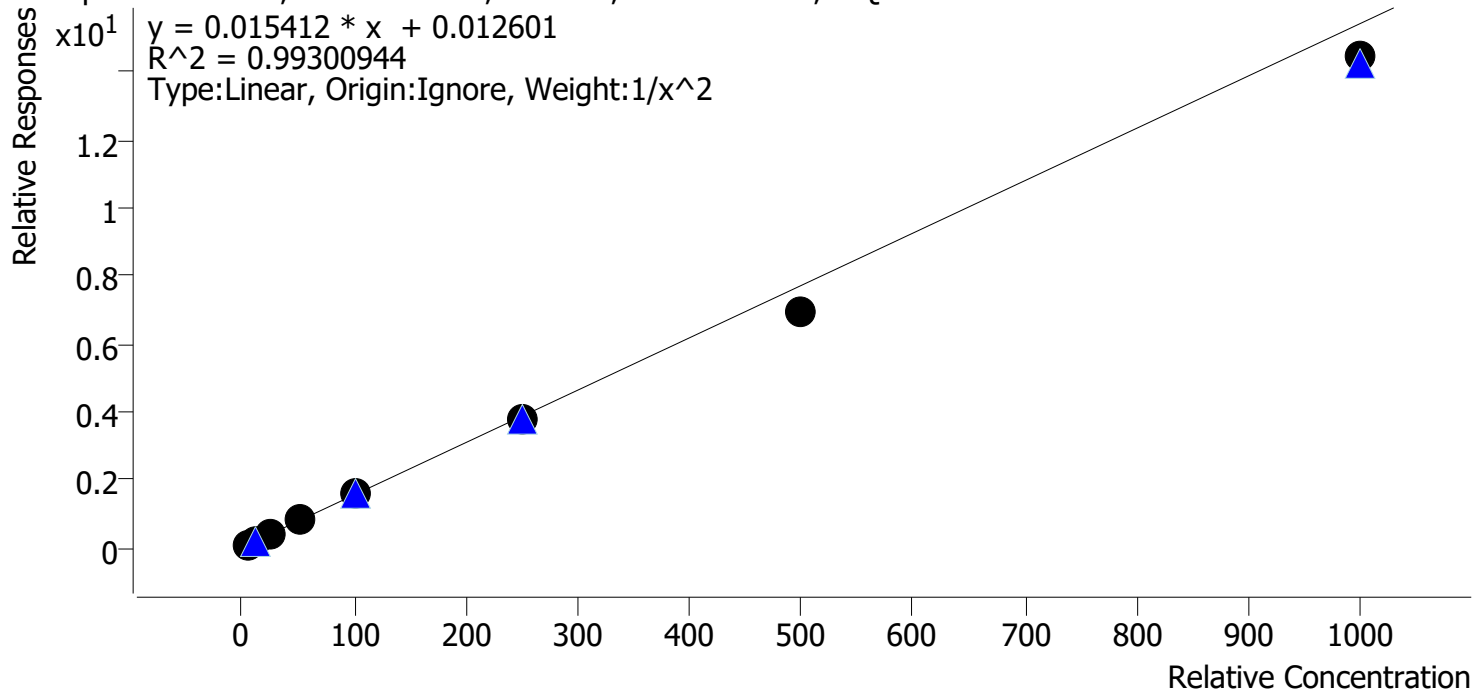
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	56.5	112.9
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	240.9	96.4
p1 Cal 7-500ng	7	✓	500.0	449.2	89.8
p1 Cal 8-1000ng	8	✓	1000.0	936.9	93.7

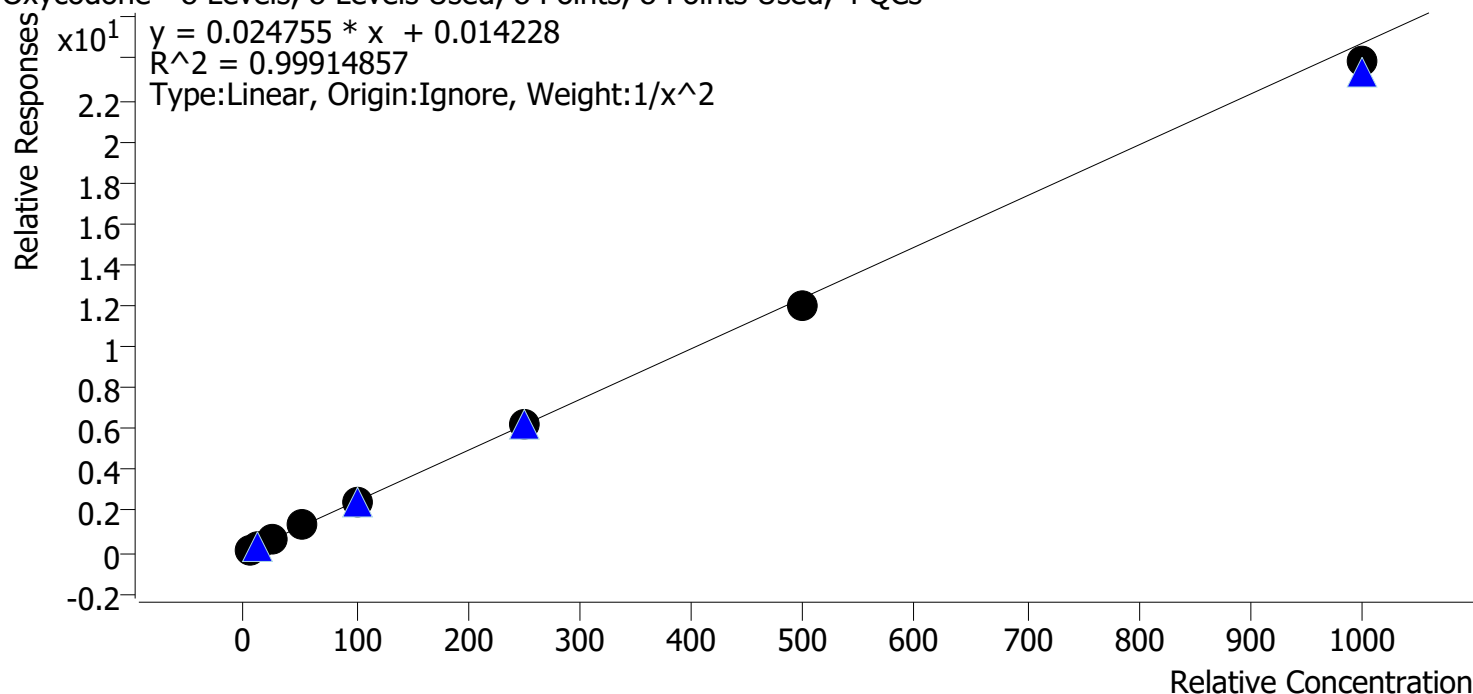
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✓	1000.0	964.0	96.4



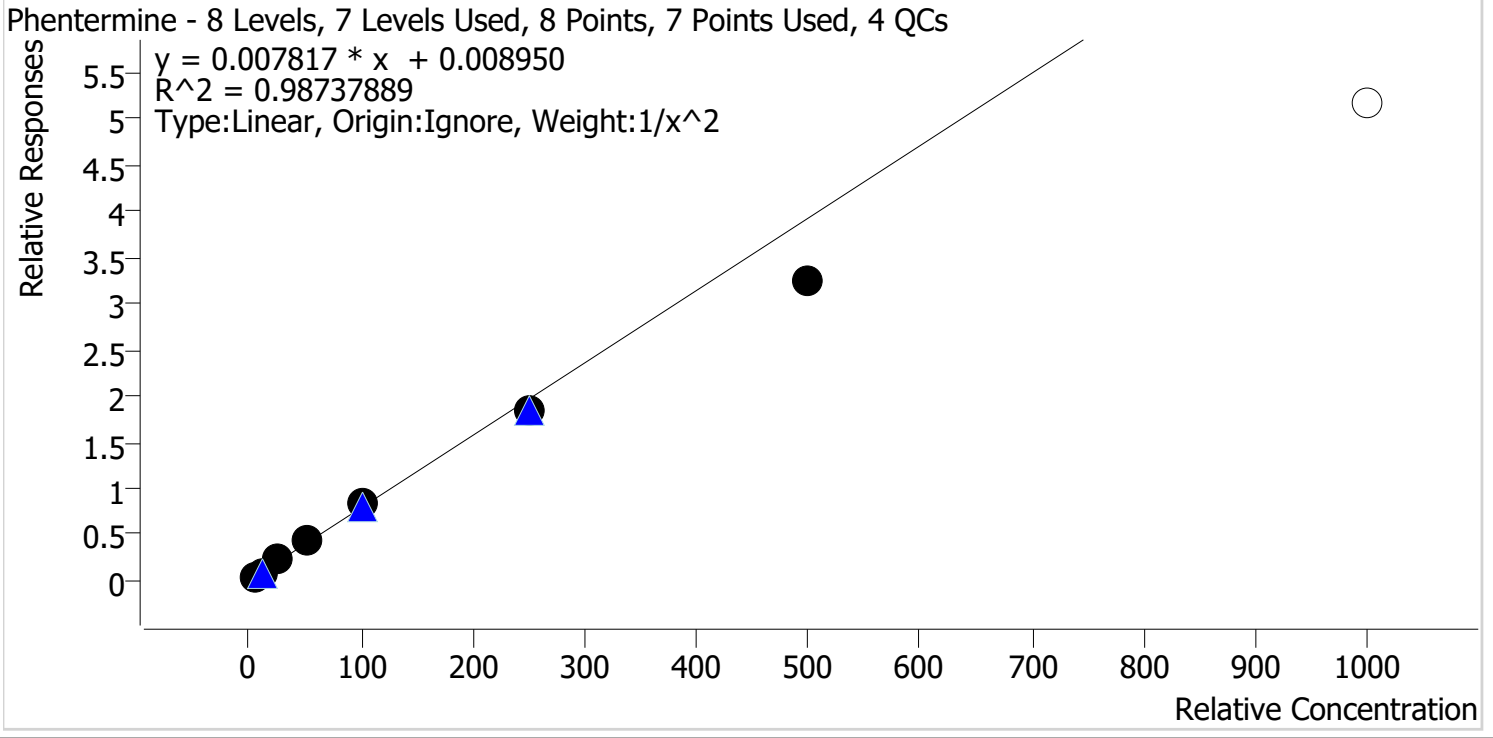
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

Last Cal. Update9/25/2024 9:22 AM

Analyst NameISP\Datastor

AnalytePhentermineInternal StandardPhentermine-D5



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	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	235.7	94.3
p1 Cal 7-500ng	7	✓	500.0	415.9	83.2
p1 Cal 8-1000ng	8	✗	1000.0	659.1	65.9

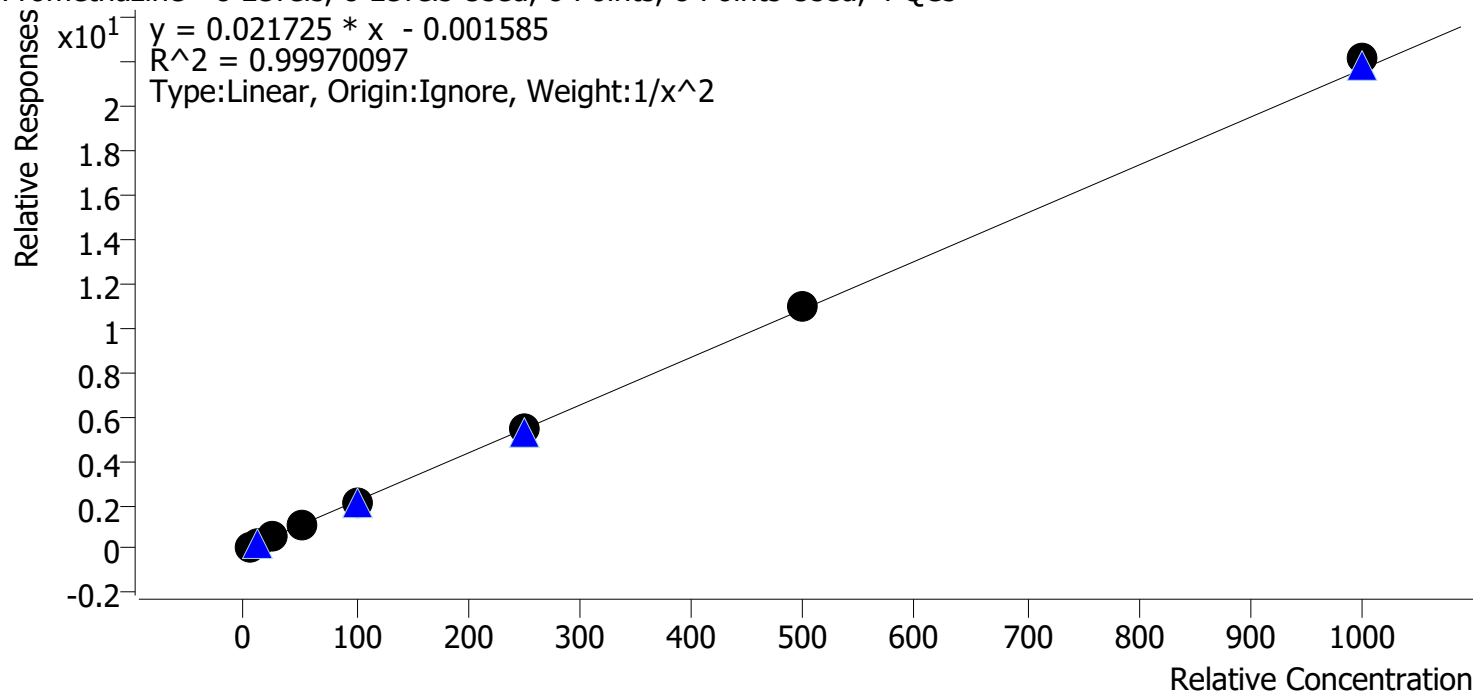
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	506.8	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1022.1	102.2



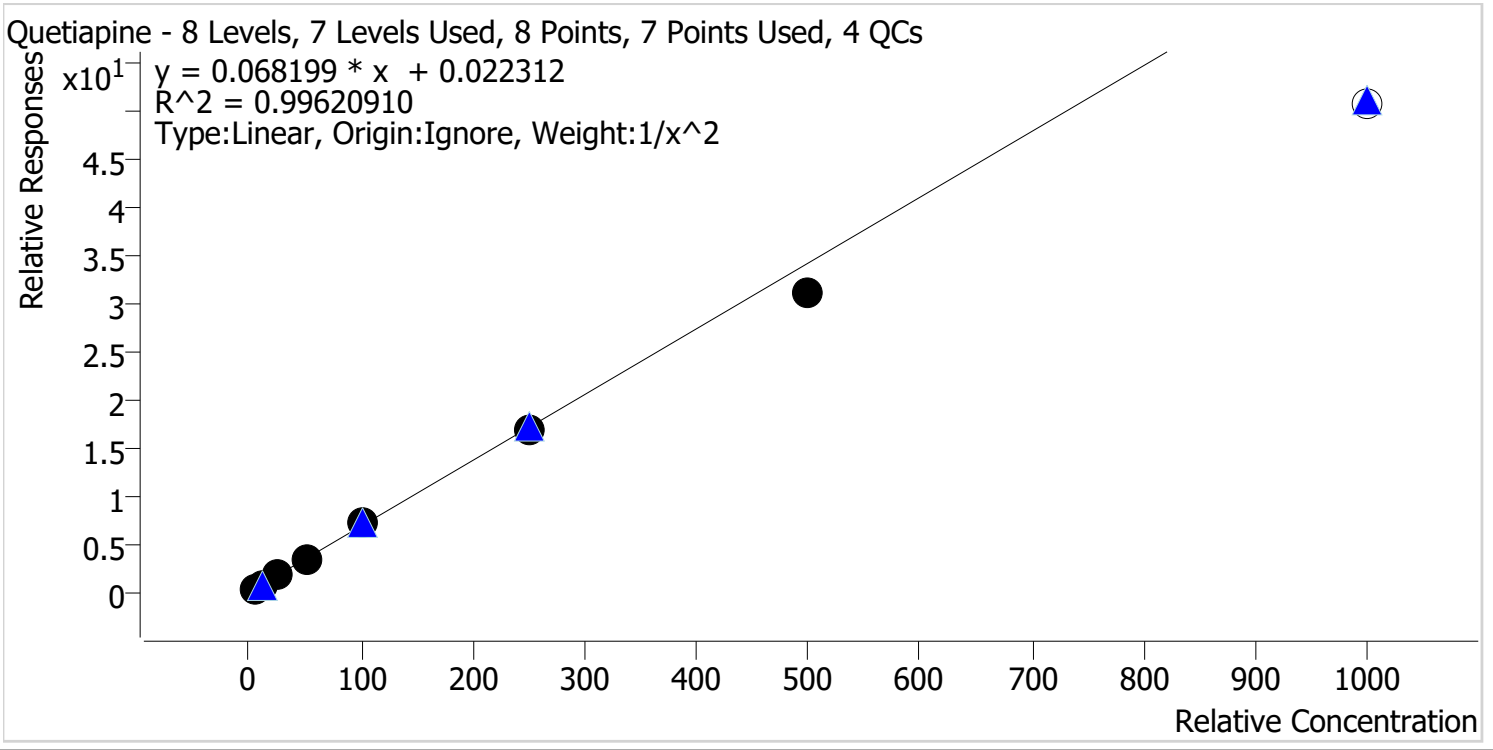
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

Last Cal. Update9/25/2024 9:22 AM

Analyst NameISP\Datastor

AnalyteQuetiapineInternal StandardQuetiapine-D8



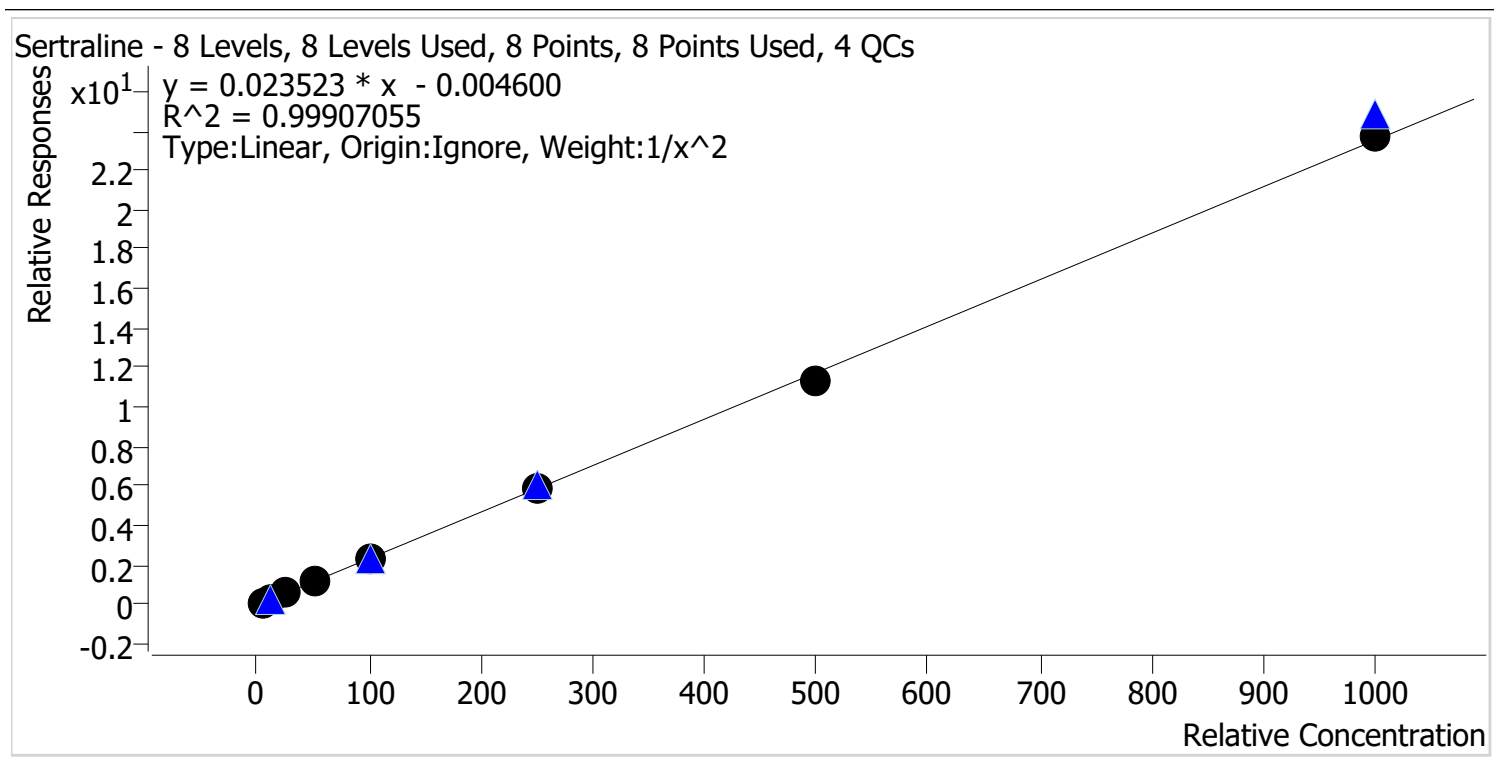
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	453.8	90.8
p1 Cal 8-1000ng	8	✗	1000.0	741.7	74.2

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	484.0	96.8
p1 Cal 8-1000ng	8	✓	1000.0	1012.1	101.2

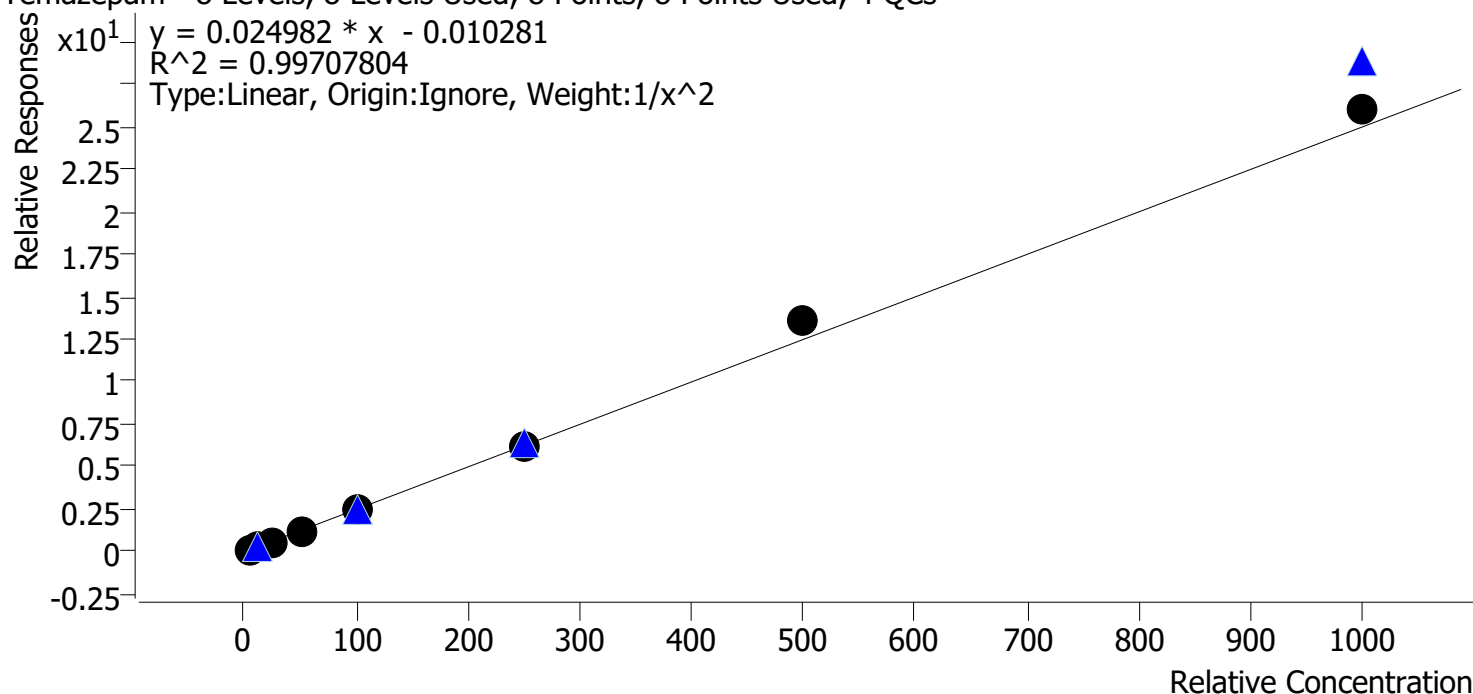
29



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	47.5	94.9
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	540.5	108.1
p1 Cal 8-1000ng	8	✓	1000.0	1042.1	104.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

Last Cal. Update

Analyst Name

Analyte

D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin

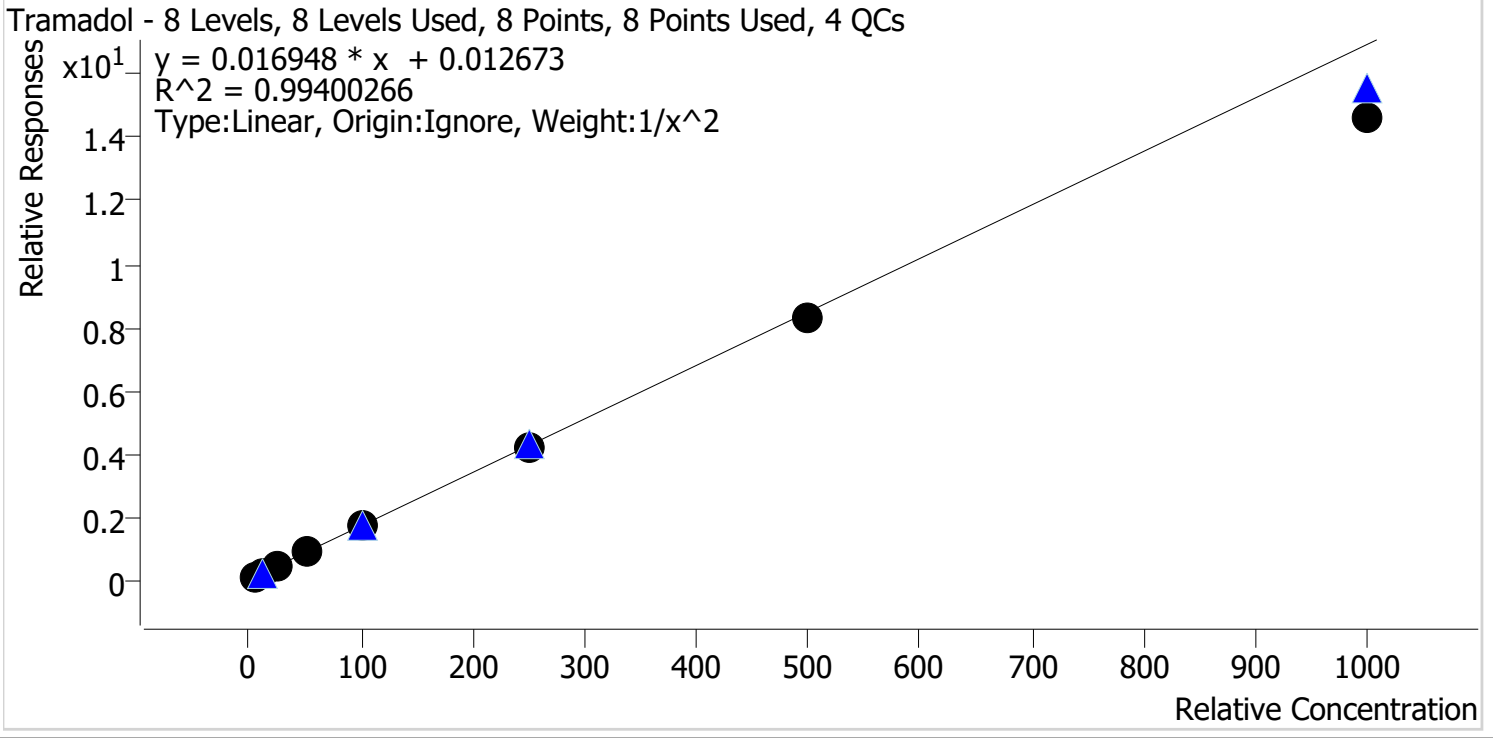
9/25/2024 9:22 AM

ISP\Datastor

Tramadol

Internal Standard

Tramadol-13C-D3



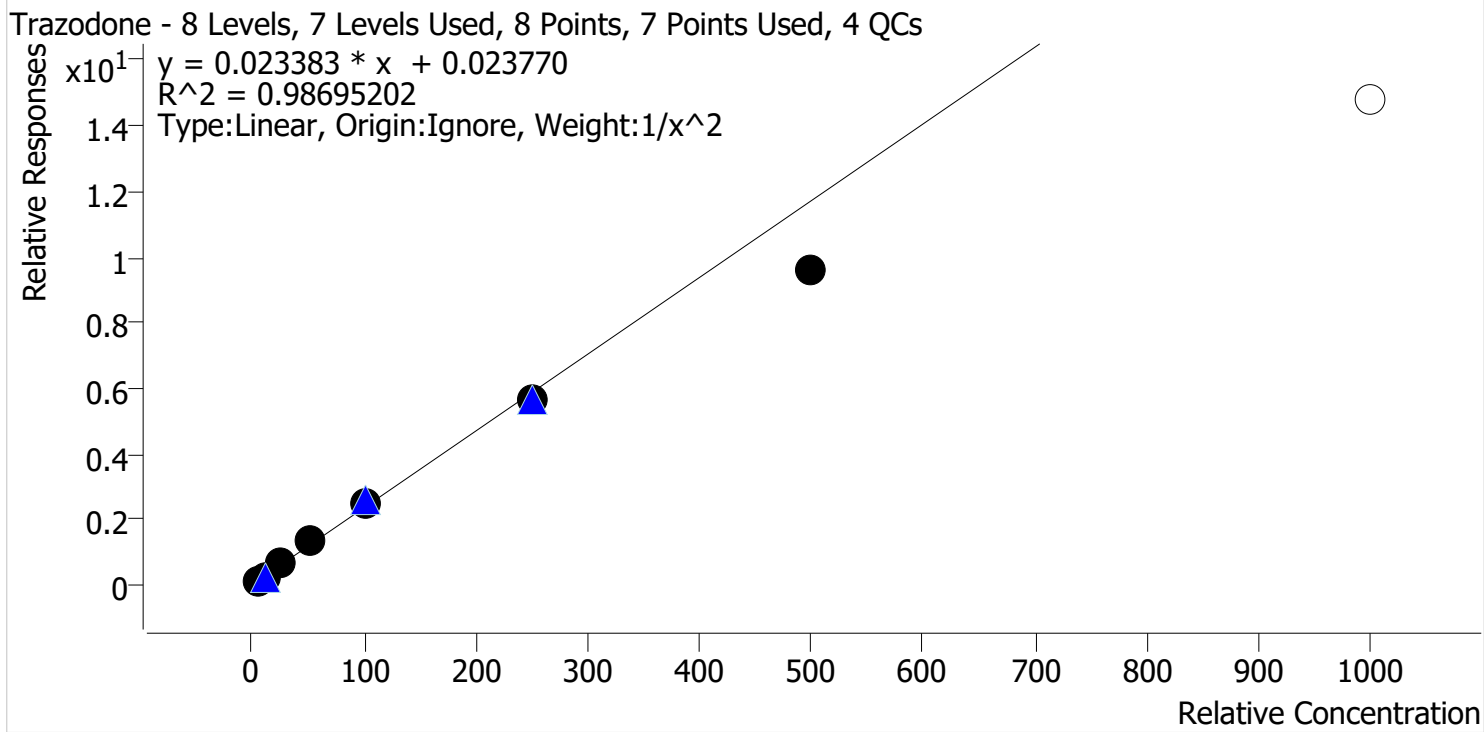
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	865.9	86.6

23



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



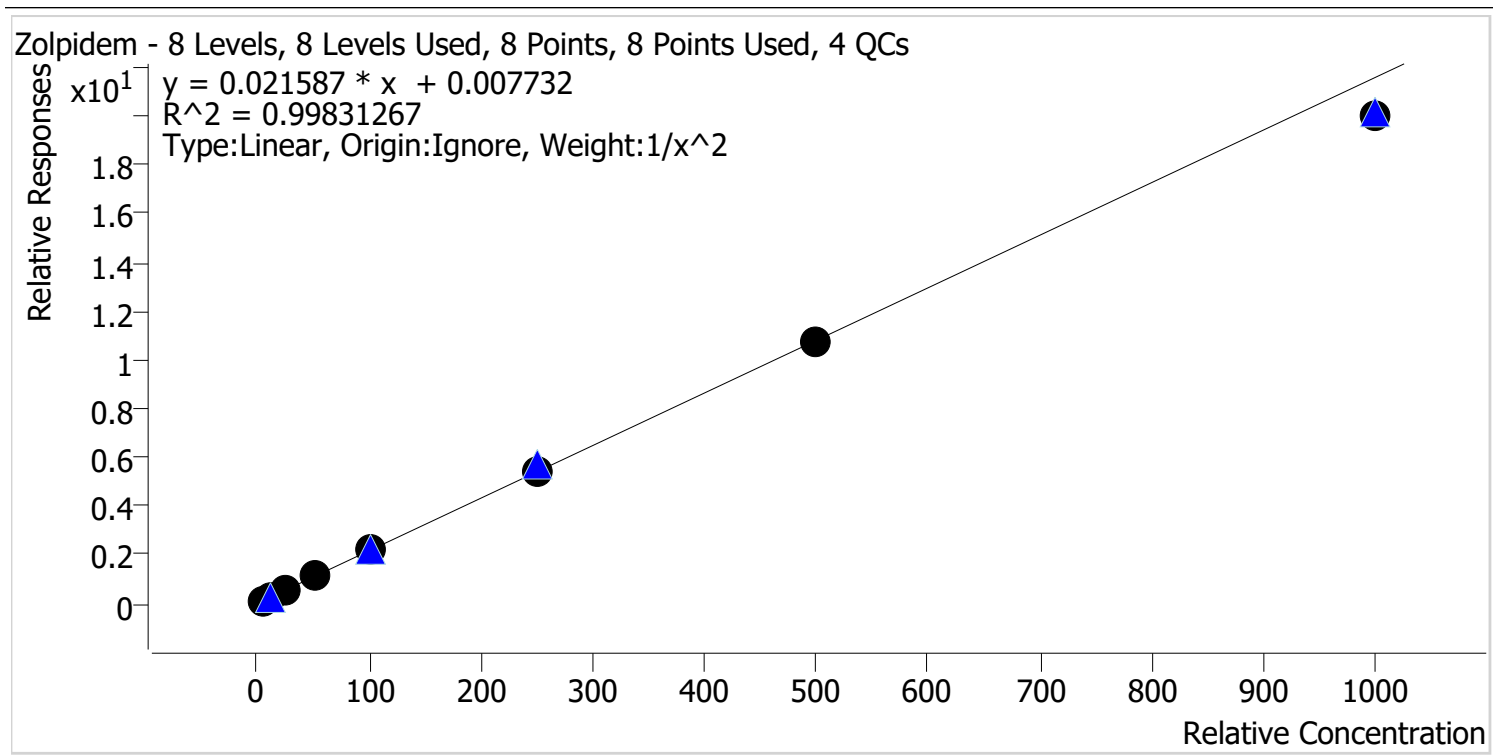
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	55.5	111.0
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	410.0	82.0
p1 Cal 8-1000ng	8	✗	1000.0	633.1	63.3

29



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28 Cases.batch.bin
Last Cal. Update 9/25/2024 9:22 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	97.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	924.3	92.4

AM #28 Multi-Drug Quant. Results



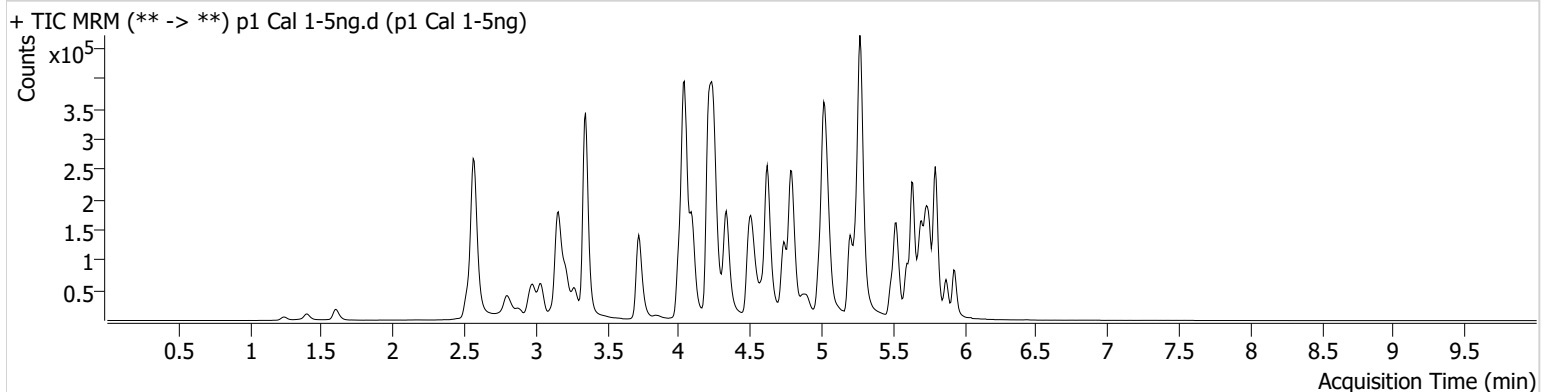
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H12
Injection Volume 2
Acq. Date-Time 9/23/2024 10:24:50 PM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
Operator Celena Shrum
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	4.244	6954	34.74	80.5	1490.13	49436	4.7567 ng/ml
Amphetamine	3.040	81835	1338.03	45.8	3845.83	124839	4.8292 ng/ml
Benzoylcegonine	3.869	1186	269.69	40.0	315.24	9615	3.1368 ng/ml
Bupropion	4.758	46738	3524.97	59.2	343.49	292201	5.0124 ng/ml
Citalopram	5.200	35293	2137.82	36.7	49.42	318879	5.0015 ng/ml
Cyclobenzaprine	5.606	13662	12811.63	8.7	120.60	81654	5.0522 ng/ml
Dextromethorphan	5.257	19802	67.29	77.8	108.45	157987	5.0092 ng/ml
Dextrorphan	4.096	14157	149.47	204.9	463.31	309434	5.1147 ng/ml
Diazepam	5.934	16451	1241.34	87.6	7978.84	136835	4.9753 ng/ml
Diphenhydramine	5.278	86615	314.06	33.8	267.27	1019197	4.9765 ng/ml
Doxylamine	4.518	89697	3623.36	97.6	914.10	655340	5.0268 ng/ml
Duloxetine	5.633	967	791.64	7.3 Low	12.12	9651	4.9723 ng/ml
Fentanyl	5.062	2539	61.62	63.1	91.07	237052	0.5134 ng/ml
Fluorofentanyl	5.110	5745	243.34	46.0	2155.77	2226	0.5118 ng/ml
Hydroxyzine	5.676	25723	22792.27	68.6	1217.04	157987	5.0551 ng/ml
Ketamine	4.021	35273	160.31	37.6	199.04	284166	4.8196 ng/ml
Lamotrigine	4.253	31147	2840.14	81.0	6533.77	778552	47.2264 ng/ml
Lorazepam	5.733	17588	301.28	58.9	76.24	240353	4.6824 ng/ml
Methamphetamine	3.216	127458	1031.34	37.5	1974.00	415435	4.7959 ng/ml
Metoprolol	4.299	8057	625.54	121.6	705.22	823383	4.7050 ng/ml
Nordiazepam	5.880	17909	578.16	56.3	232.30	97359	4.9191 ng/ml
Norfentanyl	4.062	8458	5614.32	41.0	26.85	601205	0.5198 ng/ml
Noroxycodone	2.900	7807	167.31	39.6	261.96	43155	4.9595 ng/ml
O-desmethyl-tramadol	3.355	84891	5890.57	6.4	58.97	854969	5.0527 ng/ml
Oxazepam	5.736	21097	1036.89	70.0	44.90	240353	4.8778 ng/ml
Oxycodone	2.825	20507	487.72	26.5	205.72	150658	4.9236 ng/ml
Phentermine	3.758	19327	76.37	3.0	32.68	419261	4.7520 ng/ml
Promethazine	5.523	32367	205.73	31.1	668.33	299818	5.0421 ng/ml
Pseudoephedrine	2.579	82448	3395.71	15.5	1302.97	778552	5.0694 ng/ml
Quetiapine	5.498	39909	5158.81	60.3	20601.77	113860	4.8124 ng/ml
Sertraline	5.762	3405	146.61	94.2	974.17	30204	4.9880 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	42353	2213.09	28.4	98.05	356762	5.1634 ng/ml
Tramadol	4.225	77950	∞	3.8	117.36	823383	4.8381 ng/ml
Trazodone	5.027	37392	7316.23	69.7	508.98	275860	4.7803 ng/ml
Zolpidem	4.811	68695	822.86	30.8	3346.72	606688	4.8872 ng/ml

AM #28 Multi-Drug Quant. Results



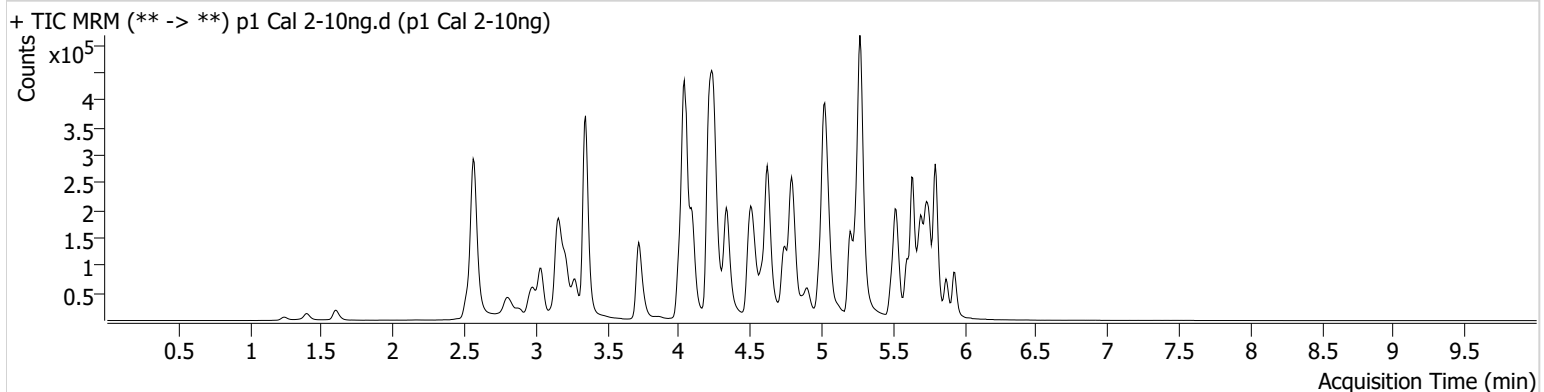
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-G12
Injection Volume 2
Acq. Date-Time 9/23/2024 10:35:38 PM
Sample Info.

Data File p1 Cal 2-10ng.d
Sample p1 Cal 2-10ng
Operator Celena Shrum
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	4.244	13267	157.28	77.9	69.93	48055	10.7054 ng/ml
Amphetamine	3.040	147457	3270.93	45.8	4669.89	123170	10.3099 ng/ml
Benzoylcegonine	3.876	1388	85.52	41.1	98.34	5538	8.0950 ng/ml
Bupropion	4.758	81778	2514.62	61.2	126.11	266303	9.8265 ng/ml
Citalopram	5.200	69779	4197.40	37.3	675.74	317490	9.9459 ng/ml
Cyclobenzaprine	5.606	26465	1065.77	9.2	45.95	81025	9.6975 ng/ml
Dextromethorphan	5.257	39444	21386.58	79.9	6119.34	158444	10.0207 ng/ml
Dextrorphan	4.096	26337	1993.21	214.3	42988.78	306927	9.6218 ng/ml
Diazepam	5.934	29328	294.29	89.6	658.42	124468	9.9729 ng/ml
Diphenhydramine	5.278	164807	247.83	33.6	2328.31	994761	10.2226 ng/ml
Doxylamine	4.518	170147	89379.97	100.9	110157.60	635498	9.9138 ng/ml
Duloxetine	5.633	1586	664.28	14.4	39.25	8581	9.5737 ng/ml
Fentanyl	5.062	4557	151.19	64.5	1105.52	225626	0.9665 ng/ml
Fluorofentanyl	5.116	11214	354.22	45.9	3195.85	2368	0.9573 ng/ml
Hydroxyzine	5.676	53075	67233.81	69.2	3281.78	158444	10.2639 ng/ml
Ketamine	4.021	65543	11664.64	37.6	647.58	263641	10.4764 ng/ml
Lamotrigine	4.253	57831	815.70	83.3	2808.70	763089	108.4037 ng/ml
Lorazepam	5.733	36717	1308.05	54.3	179.05	231318	11.1765 ng/ml
Methamphetamine	3.216	180122	668.14	36.6	768.26	411650	10.5209 ng/ml
Metoprolol	4.306	16516	470.72	110.7	1144.28	806510	10.6348 ng/ml
Nordiazepam	5.880	32816	26873.04	58.1	493.59	91639	10.0410 ng/ml
Norfentanyl	4.062	15525	4399.63	41.9	237.95	595820	0.9456 ng/ml
Noroxycodone	2.900	14506	524.49	42.9	13.24	41581	10.0350 ng/ml
O-desmethyl-tramadol	3.355	164122	6470.01	6.4	225.37	847685	9.8671 ng/ml
Oxazepam	5.736	38735	676.86	72.3	100.42	231318	10.0476 ng/ml
Oxycodone	2.825	38492	780.64	28.8	288.45	144656	10.1741 ng/ml
Phentermine	3.758	37681	293.28	3.4	64.43	414931	10.4721 ng/ml
Promethazine	5.523	64768	6003.04	31.6	320.47	301826	9.9504 ng/ml
Pseudoephedrine	2.579	159377	12730.55	15.4	7955.05	763089	9.9238 ng/ml
Quetiapine	5.498	86003	41668.31	58.0	400.71	115842	10.5590 ng/ml
Sertraline	5.755	5509	170.18	96.8	689.02	24223	9.8634 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	77734	384.53	31.7	343.75	340057	9.5617 ng/ml
Tramadol	4.225	149921	197.53	3.4	74.06	806510	10.2202 ng/ml
Trazodone	5.034	73379	78306.78	70.4	12572.51	274969	10.3963 ng/ml
Zolpidem	4.811	134068	713.04	30.6	1685.39	583209	10.2910 ng/ml

AM #28 Multi-Drug Quant. Results



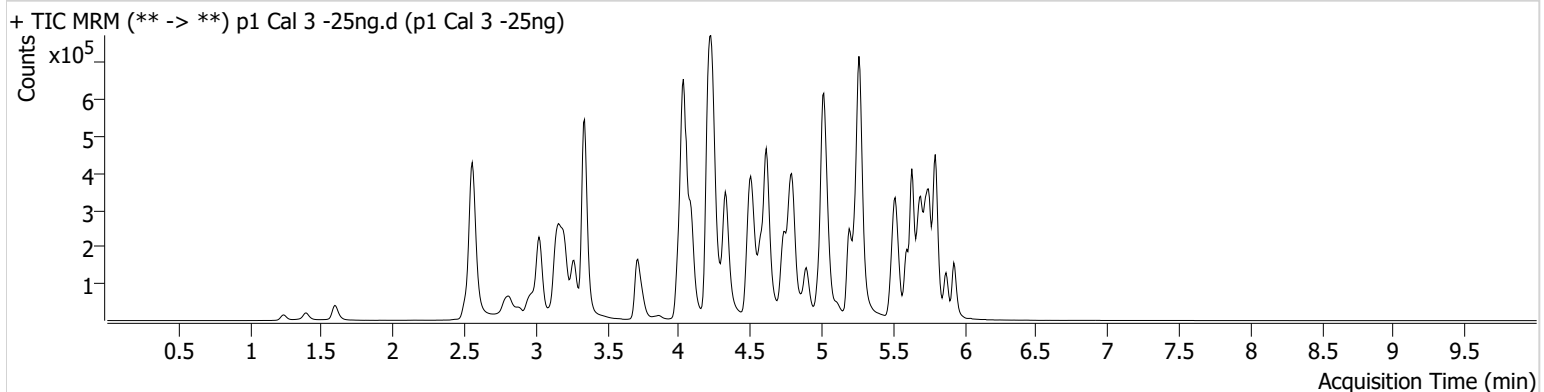
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Calibration Last Update 9/25/2024 9:22:31 AM

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Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-F12
Injection Volume 2
Acq. Date-Time 9/23/2024 10:46:15 PM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Celena Shrum
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	4.237	32258	938.05	78.4	139.93	49135	27.4170 ng/ml
Amphetamine	3.026	405303	131.83	45.7	8619.73	143567	26.7613 ng/ml
Benzoylcegonine	3.862	7405	11999.90	44.0	286.63	11075	24.3670 ng/ml
Bupropion	4.744	253802	330.24	60.1	182.50	328497	25.0584 ng/ml
Citalopram	5.193	194797	756.63	39.1	425.13	352032	25.0622 ng/ml
Cyclobenzaprine	5.600	77066	102.41	8.9	5695.93	89229	25.3576 ng/ml
Dextromethorphan	5.250	104285	481.71	79.5	572.65	170844	24.6764 ng/ml
Dextrorphan	4.089	78523	343212.44	205.4	4127.73	359346	24.5543 ng/ml
Diazepam	5.934	88657	543.84	90.2	472.68	151094	25.1795 ng/ml
Diphenhydramine	5.271	431138	11846.89	33.5	464.29	1110936	24.6823 ng/ml
Doxylamine	4.511	514583	355.24	98.3	41127.72	776863	24.6511 ng/ml
Duloxetine	5.626	6576	1030.86	10.9	268.58	12866	27.3148 ng/ml
Fentanyl	5.055	12086	467.55	61.4	12476.87	235836	2.4493 ng/ml
Fluorofentanyl	5.110	29673	555.54	44.8	4808.61	2376	2.5614 ng/ml
Hydroxyzine	5.670	130883	53701.98	73.4	16621.48	170844	23.3083 ng/ml
Ketamine	4.014	190715	506.38	38.1	549.46	326259	25.7431 ng/ml
Lamotrigine	4.246	149102	784.97	80.4	9485.95	866186	273.1531 ng/ml
Lorazepam	5.726	81396	2175.14	56.4	500.29	237401	25.1534 ng/ml
Methamphetamine	3.202	383415	5735.27	37.1	468.50	486593	25.8629 ng/ml
Metoprolol	4.292	48154	5506.58	107.2	458.67	953278	27.2903 ng/ml
Nordiazepam	5.873	95975	709.86	55.7	4117.68	106678	25.9685 ng/ml
Norfentanyl	4.056	44292	520.70	37.1	206.31	667074	2.3783 ng/ml
Noroxycodone	2.886	41479	758.02	46.4	237.87	48605	25.2823 ng/ml
O-desmethyl-tramadol	3.342	485725	1105.07	6.5	2132.62	1005802	24.6342 ng/ml
Oxazepam	5.736	98493	489.86	72.8	941.79	237401	26.1022 ng/ml
Oxycodone	2.818	115123	510.17	29.4	950.11	179689	25.3057 ng/ml
Phentermine	3.751	107271	529.96	3.2	157.27	485820	27.1010 ng/ml
Promethazine	5.516	173776	1830.12	31.1	14094.57	329240	24.3679 ng/ml
Pseudoephedrine	2.565	439489	16239.42	15.5	1853.83	866186	23.9993 ng/ml
Quetiapine	5.498	225645	136229.82	57.8	199072.22	126641	25.7990 ng/ml
Sertraline	5.755	25740	1166.84	100.9	1376.20	42499	25.9441 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	213515	349.65	29.9	531.38	356869	24.3604 ng/ml
Tramadol	4.218	441940	845.14	3.8	503.65	953278	26.6058 ng/ml
Trazodone	5.020	185400	257198.88	72.3	5936.88	286530	26.6558 ng/ml
Zolpidem	4.804	401859	224469.88	30.2	6550.01	717463	25.5888 ng/ml

AM #28 Multi-Drug Quant. Results



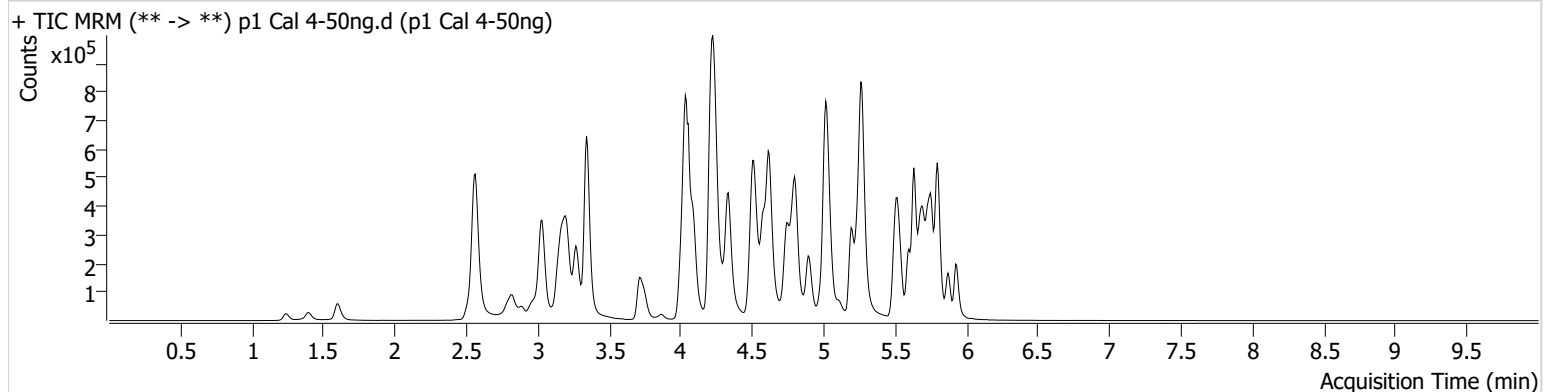
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-E12
Injection Volume 2
Acq. Date-Time 9/23/2024 10:56:54 PM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
Operator Celena Shrum
Comment

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Sample Chromatogram



AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	325670	1888.37	30.1	523.08	277108	47.4545 ng/ml
Tramadol	4.218	751508	3483.74	3.8	2463.90	811303	53.9062 ng/ml
Trazodone	5.027	321349	16410.76	73.1	22206.12	243104	55.5152 ng/ml
Zolpidem	4.804	695080	139504.97	30.1	5056.02	621963	51.4123 ng/ml

AM #28 Multi-Drug Quant. Results



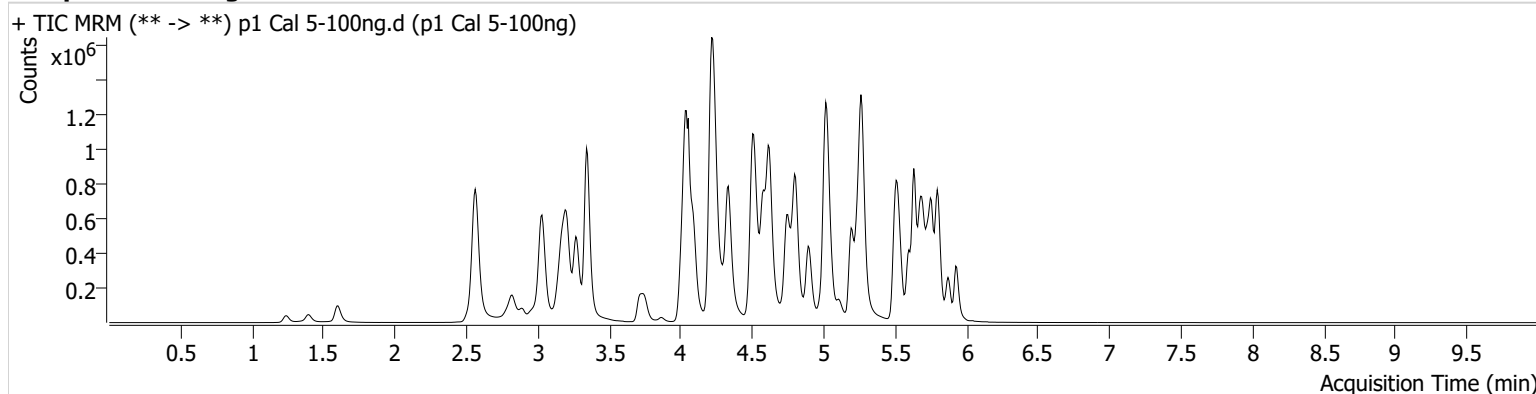
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D12
Injection Volume 2
Acq. Date-Time 9/23/2024 11:07:33 PM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Celena Shrum
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	4.230	61225	1932.37	78.8	818.56	30015	88.1809 ng/ml
Amphetamine	3.033	1294253	36433.08	45.0	30723.71	128117	100.4123 ng/ml
Benzoylcegonine	3.862	25801	9001.72	38.8	16385.71	9966	99.1375 ng/ml
Bupropion	4.751	950176	1058.30	59.5	495.40	298739	103.8470 ng/ml
Citalopram	5.193	697389	517.26	38.1	475.13	316816	99.7400 ng/ml
Cyclobenzaprine	5.600	266932	648.09	9.4	17614.41	78708	99.0625 ng/ml
Dextromethorphan	5.243	378900	498.97	78.0	433.67	151865	101.0859 ng/ml
Dextrorphan	4.089	269830	957.21	209.9	1996.81	306943	98.8814 ng/ml
Diazepam	5.934	302349	448.76	87.8	634.14	126142	103.5683 ng/ml
Diphenhydramine	5.271	1497692	749.82	33.5	6364.53	994851	97.3258 ng/ml
Doxylamine	4.511	1937854	68740.17	97.9	2958.21	695619	103.9455 ng/ml
Duloxetine	5.626	20412	2736.97	12.0	43.56	10926	101.1140 ng/ml
Fentanyl	5.055	45264	175.46	65.2	28324.09	223989	9.6525 ng/ml
Fluorofentanyl	5.110	117176	12115.12	45.9	73387.84	2812	8.5982 ng/ml
Hydroxyzine	5.670	470720	38794.72	72.0	23494.21	151865	93.9118 ng/ml
Ketamine	4.014	650188	24036.81	38.3	844.15	287327	102.0142 ng/ml
Lamotrigine	4.246	365703	13943.61	82.0	10347.45	710407	859.0315 ng/ml
Lorazepam	5.726	184906	1540.66	56.5	653.26	147606	94.2154 ng/ml
Methamphetamine	3.209	1136495	431.19	37.5	471.88	442551	103.8036 ng/ml
Metoprolol	4.299	157395	1720.36	107.5	3093.07	842098	102.9227 ng/ml
Nordiazepam	5.873	288065	1816.06	57.7	467.98	81300	103.7158 ng/ml
Norfentanyl	4.056	144017	643.79	38.5	1650.13	518368	9.8874 ng/ml
Noroxycodone	2.893	140639	240.27	45.3	2343.35	41720	101.3666 ng/ml
O-desmethyl-tramadol	3.348	1733586	3720.68	6.5	593.48	892694	99.1071 ng/ml
Oxazepam	5.736	240090	550.47	72.0	170.19	147606	104.7227 ng/ml
Oxycodone	2.818	413014	632.16	29.4	2238.81	163432	101.5096 ng/ml
Phentermine	3.751	352007	2273.81	2.9	∞	425484	104.6873 ng/ml
Promethazine	5.516	633825	19633.73	31.4	4471.16	291196	100.2624 ng/ml
Pseudoephedrine	2.572	1477632	3851.57	15.5	24255.56	710407	98.1467 ng/ml
Quetiapine	5.498	815793	951.23	58.5	759.51	115520	103.2223 ng/ml
Sertraline	5.755	81176	905.79	97.5	1299.86	35582	97.1834 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.803	516088	13490.86	29.7	400.48	213665	97.0960 ng/ml
Tramadol	4.218	1491418	1108.70	4.0	202.33	842098	103.7501 ng/ml
Trazodone	5.027	659404	54176.26	72.6	19140.88	266100	104.9610 ng/ml
Zolpidem	4.804	1432478	24490.40	30.4	819.41	652218	101.3854 ng/ml

AM #28 Multi-Drug Quant. Results



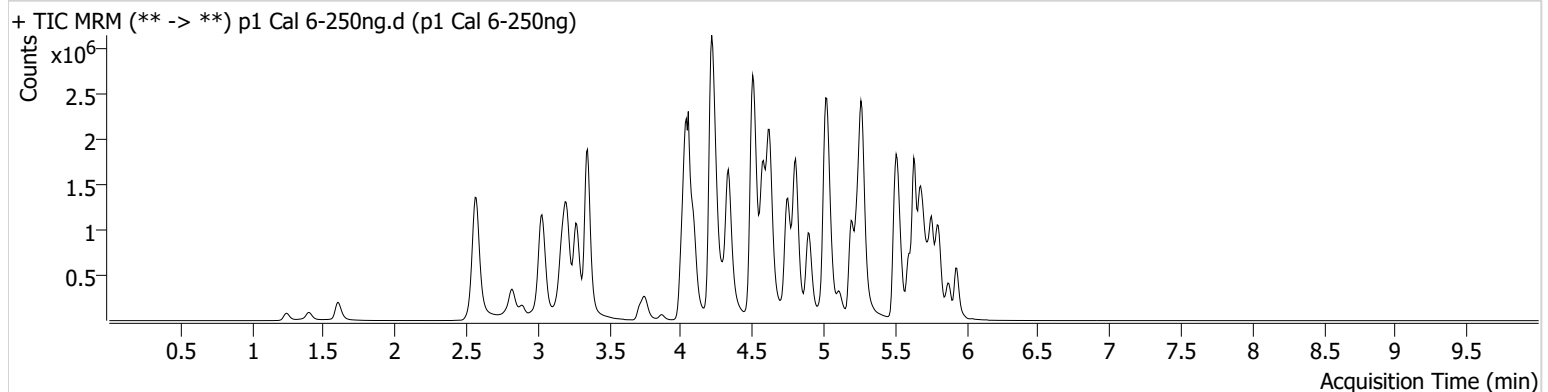
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C12
Injection Volume 2
Acq. Date-Time 9/23/2024 11:18:11 PM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	74983	118.54	75.1	402.86	18160	179.9542 ng/ml
Amphetamine	3.033	2571953	290.78	44.9	51628.74	120567	214.0413 ng/ml
Benzoylcegonine	3.869	64242	3509.11	38.5	1233.64	9701	256.1727 ng/ml
Bupropion	4.751	2276404	2028.70	59.6	383013.69	292136	254.7381 ng/ml
Citalopram	5.193	1626597	67288.16	37.7	1490.16	294140	250.5904 ng/ml
Cyclobenzaprine	5.600	658801	156444.84	9.2	76506.81	79547	241.6605 ng/ml
Dextromethorphan	5.243	880977	36461.47	78.9	894.87	140779	253.6520 ng/ml
Dextrorphan	4.089	616904	1151.69	210.6	7371.65	274091	253.2169 ng/ml
Diazepam	5.934	640510	8497.32	87.8	337.00	112319	246.7239 ng/ml
Diphenhydramine	5.271	3497684	2058.96	33.7	10262.94	909748	249.4079 ng/ml
Doxylamine	4.504	4913423	14201.58	96.3	1035.99	721772	254.1256 ng/ml
Duloxetine	5.626	35672	3659.83	12.9	255.54	7939	243.8406 ng/ml
Fentanyl	5.055	120222	1044.53	63.2	95145.42	226526	25.3467 ng/ml
Fluorofentanyl	5.110	320318	8975.69	45.6	78527.12	2728	24.2749 ng/ml
Hydroxyzine	5.670	1219012	775526.01	73.6	657598.68	140779	262.1211 ng/ml
Ketamine	4.014	1448016	1247451.13	37.4	27519.56	270145	242.7677 ng/ml
Lamotrigine	4.246	564443	2630.88	81.1	10576.28	630542	1509.4554 ng/ml
Lorazepam	5.726	255538	8136.85	56.4	1427.12	85226	226.7222 ng/ml
Methamphetamine	3.202	2551702	1568.56	36.6	528.45	442438	243.8837 ng/ml
Metoprolol	4.299	330798	1276.58	109.1	5300.74	758326	241.1718 ng/ml
Nordiazepam	5.880	531963	15060.20	57.4	5958.52	61113	255.5109 ng/ml
Norfentanyl	4.056	283027	14624.55	38.9	1550.77	392667	25.6191 ng/ml
Noroxycodone	2.893	315078	9935.37	46.5	1159.00	38850	244.5874 ng/ml
O-desmethyl-tramadol	3.348	4213115	4594.88	6.4	237108.99	852453	252.2526 ng/ml
Oxazepam	5.736	317528	148.43	72.1	106.88	85226	240.9277 ng/ml
Oxycodone	2.818	996886	1651.31	29.8	1453.10	161813	248.2901 ng/ml
Phentermine	3.751	745947	3257.35	2.9	4162.45	402821	235.7441 ng/ml
Promethazine	5.516	1591014	1563.73	32.7	9131.36	294444	248.7920 ng/ml
Pseudoephedrine	2.572	3355070	33924.14	15.4	98739.79	630542	250.9565 ng/ml
Quetiapine	5.498	1957371	100792.64	60.1	38735.14	116841	245.3149 ng/ml
Sertraline	5.755	108840	342.82	96.5	86608.12	18690	247.7678 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.810	763362	43454.67	29.7	1160.56	123217	248.3966 ng/ml
Tramadol	4.218	3180652	∞	4.1	472.16	758326	246.7271 ng/ml
Trazodone	5.027	1582652	32613.22	73.5	56242.17	281353	239.5532 ng/ml
Zolpidem	4.804	3451100	174332.46	30.0	11610.22	630037	253.3903 ng/ml

AM #28 Multi-Drug Quant. Results



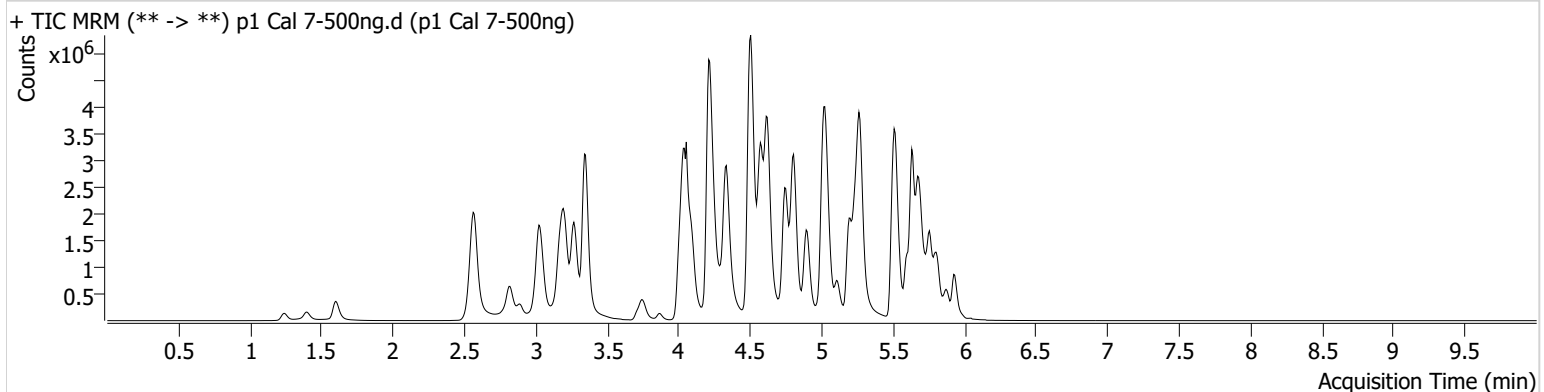
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B12
Injection Volume 2
Acq. Date-Time 9/23/2024 11:28:49 PM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	90950	160.95	78.1	730.42	10412	382.2672 ng/ml
Amphetamine	3.033	4043678	155983.48	45.5	190.71	119391	340.8936 ng/ml
Benzoylcegonine	3.869	138631	1799.72	38.4	11898.63	10721	501.7744 ng/ml
Bupropion	4.744	4428712	33144.38	60.1	8057.40	293173	494.0433 ng/ml
Citalopram	5.200	2943332	950.42	37.5	1932.33	267322	498.9473 ng/ml
Cyclobenzaprine	5.600	1514277	70980.97	9.2	832.56	87277	506.0790 ng/ml
Dextromethorphan	5.243	1592160	884.73	78.0	16272.29	128466	502.4254 ng/ml
Dextrorphan	4.089	1075820	1085.95	209.6	1477.73	240024	504.2950 ng/ml
Diazepam	5.934	1026678	6449.19	89.9	7051.91	92394	480.9831 ng/ml
Diphenhydramine	5.271	6396954	2196.17	33.8	1220.51	814359	510.1472 ng/ml
Doxylamine	4.504	9862769	5533.25	96.7	327937.70	740539	497.2622 ng/ml
Duloxetine	5.626	69251	1775.16	12.4	54.50	7777	483.7331 ng/ml
Fentanyl	5.055	275774	1033.97	65.6	9051.83	238610	55.1956 ng/ml
Fluorofentanyl	5.110	813616	20222.18	44.5	1719.58	3059	55.0144 ng/ml
Hydroxyzine	5.670	2425920	31987.37	75.2	664464.73	128466	571.4846 ng/ml
Ketamine	4.007	2461540	7391.14	38.1	15816.46	248564	449.2173 ng/ml
Lamotrigine	4.253	624527	1489.64	81.5	2178.39	534591	1976.3621 ng/ml
Lorazepam	5.726	319518	18511.80	56.1	2265.63	47971	504.7116 ng/ml
Methamphetamine	3.202	4569194	24068.56	36.3	410.42	454911	431.1406 ng/ml
Metoprolol	4.292	510852	696752.58	108.8	1405.57	699064	404.5009 ng/ml
Nordiazepam	5.873	734090	696.16	59.5	297.34	45721	471.7111 ng/ml
Norfentanyl	4.056	398296	3365.02	38.3	2442.11	260917	54.2352 ng/ml
Noroxycodone	2.886	601166	16179.72	45.2	585.07	37247	487.2530 ng/ml
O-desmethyl-tramadol	3.348	8030016	218313.20	6.4	1950.04	807709	507.4314 ng/ml
Oxazepam	5.729	332713	78.68	73.2	75.39	47971	449.2094 ng/ml
Oxycodone	2.818	1998404	520.66	29.7	2648.95	165573	486.9824 ng/ml
Phentermine	3.751	1296783	8672.72	2.7	391.64	397738	415.9354 ng/ml
Promethazine	5.516	3833972	14171.20	32.0	8472.70	348239	506.8416 ng/ml
Pseudoephedrine	2.572	5764300	324.60	15.4	284.53	534591	508.4747 ng/ml
Quetiapine	5.492	3735222	149939.91	59.1	98438.36	120614	453.7631 ng/ml
Sertraline	5.755	216241	29685.65	96.5	11108.48	19001	484.0143 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.810	920840	31247.31	29.6	250.63	68247	540.4983 ng/ml
Tramadol	4.211	5800639	∞	3.6	725.93	699064	488.8386 ng/ml
Trazodone	5.027	2999567	1971.90	75.2	96918.01	312131	409.9720 ng/ml
Zolpidem	4.804	6620913	266156.81	29.5	364953.11	619213	494.9663 ng/ml

AM #28 Multi-Drug Quant. Results



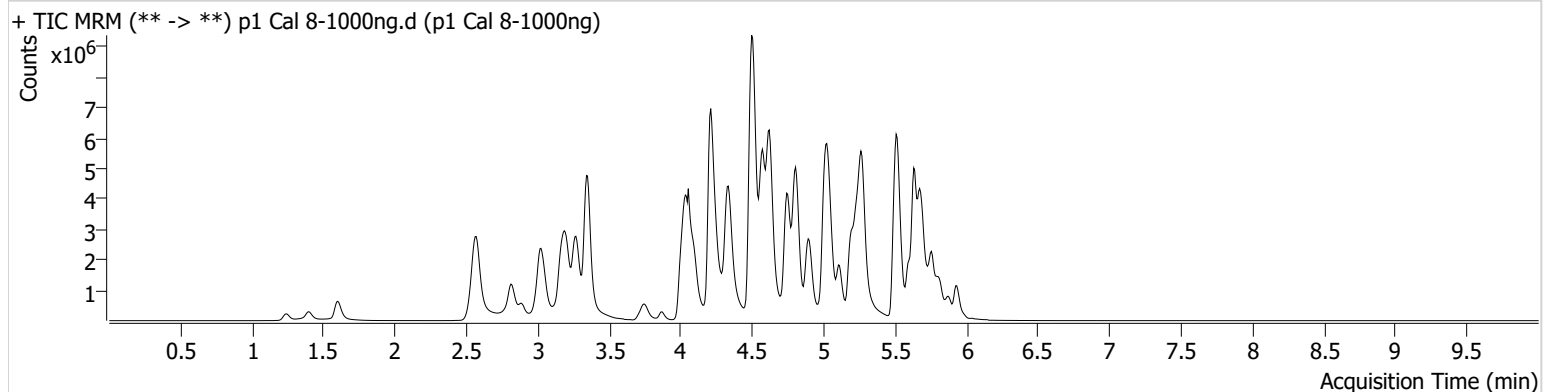
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Calibration Last Update 9/25/2024 9:22:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A12
Injection Volume 2
Acq. Date-Time 9/23/2024 11:39:28 PM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.251	97447	338.41	81.6	2110.92	4750	899.7649 ng/ml
Amphetamine	3.026	5570519	67055.81	45.6	62103.13	106961	525.1569 ng/ml
Benzoylcegonine	3.869	311440	3645.58	39.2	459.86	12347	980.3851 ng/ml
Bupropion	4.744	7894395	902582.79	59.2	6890.22	278298	927.9235 ng/ml
Citalopram	5.200	4188283	97736.88	38.2	149681.60	192864	984.1036 ng/ml
Cyclobenzaprine	5.600	2862403	1642.39	9.2	2417.48	82807	1008.0955 ng/ml
Dextromethorphan	5.243	2455727	1756.46	78.8	469.64	100576	989.9036 ng/ml
Dextrorphan	4.089	1734783	1514.96	207.0	90790.71	190218	1026.1434 ng/ml
Diazepam	5.934	1616221	355.73	87.6	5784.73	71574	977.6590 ng/ml
Diphenhydramine	5.271	10251140	1824.38	34.1	1514.59	645075	1032.6099 ng/ml
Doxylamine	4.497	18223016	320235.35	97.1	342591.04	701194	970.4040 ng/ml
Duloxetine	5.619	87689	1184.55	12.0	8206.50	4946	963.6581 ng/ml
Fentanyl	5.055	623372	529.22	65.0	747.94	236466	125.8948 ng/ml
Fluorofentanyl	5.110	2104830	62999.81	45.7	703891.81	4061	107.2226 ng/ml
Hydroxyzine	5.670	4194497	4291.20	76.1	272463.10	100576	1261.9766 ng/ml
Ketamine	4.007	3524006	2757.79	37.5	1136.79	221956	720.7019 ng/ml
Lamotrigine	4.259	636781	14073.02	81.6	6188.18	417235	2588.4307 ng/ml
Lorazepam	5.726	435078	64744.56	56.5	507.95	26085	1265.1953 ng/ml
Methamphetamine	3.195	7199567	98744.23	37.2	34343.56	470231	661.7337 ng/ml
Metoprolol	4.292	721210	247603.02	108.5	2751.34	606195	659.0059 ng/ml
Nordiazepam	5.880	983147	259.74	57.8	12133.44	31402	920.2930 ng/ml
Norfentanyl	4.056	436750	8336.80	38.1	1048.81	115612	134.1872 ng/ml
Noroxycodone	2.886	1071185	2329.78	45.6	1171.22	32848	985.0047 ng/ml
O-desmethyl-tramadol	3.348	14156018	165157.42	6.4	1964.24	714252	1011.6080 ng/ml
Oxazepam	5.729	376989	84.80	71.6	94.29	26085	936.9376 ng/ml
Oxycodone	2.811	3955315	1769.55	29.9	2135.30	165651	963.9629 ng/ml
Phentermine	3.751	1981062	643.72	2.8	803.76	383809	659.1407 ng/ml
Promethazine	5.516	8040605	79128.81	32.0	120098.18	362140	1022.0727 ng/ml
Pseudoephedrine	2.572	9270374	165180.39	15.2	95735.39	417235	1047.6765 ng/ml
Quetiapine	5.492	5938730	63819.05	60.0	179999.45	117347	741.7441 ng/ml
Sertraline	5.755	306745	14385.51	97.0	294214.90	12887	1012.0686 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Temazepam	5.817	1038930	27711.02	29.8	12543.56	39922	1042.0980 ng/ml
Tramadol	4.204	8904241	∞	4.0	∞	606195	865.9249 ng/ml
Trazodone	5.034	4881931	41764.60	76.4	75098.78	329231	633.1439 ng/ml
Zolpidem	4.804	11898006	4553.32	29.3	90869.21	596065	924.3246 ng/ml