REVIEWED
By Celena Shrum at 7:03 am, Sep 11, 2024

TS 9/10/2024

Worklist: 6917

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2024-2766	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3216	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3231	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3239	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2439	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2471	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2474	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2482	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2501	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2515	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2516	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2517	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2518	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2528	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2551	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ

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

Extraction Date: 09/05/2024
Panel 1 Plate lot#: 240528
Mobile phase A: 5mM Amm Form + 0.01% FA
Blank Blood Lot: Lampire 24C52816
Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar
Panel 1 Plate Retest Date: 11/28/2024
Mobile phase B: 0.01% Formic Acid in MeOH
Blank Urine Lot:
LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

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

Post-Analytic

☒ 1. Create batch and process data.
☒ 2. Make necessary changes to integration limits
☒ 3. Integration linear and R^2 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:

7-aminoclonazepam - 5-100 -- calibrators 6, 7, and 8 dropped due to accuracy - **Qualitative Only**
Alprazolam
Amphetamine - 5-250 -- calibrators 7 and 8 dropped due to accuracy

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Benzoylecgonine
Bromazolam
Buprenorphine - 2.5-100 -- calibrators 1 and 2 dropped due to QC 10 ratio-poor response
Clonazepam - 5-500 -- calibrator 8 dropped due to accuracy
Diazepam
Dihydrocodeine - 5-500 -- calibrator 8 dropped due to accuracy
Diphenhydramine
Doxylamine
EDDP
Fentanyl
Hydrocodone
Lamotrigine - 50-1000 -- calibrators 6, 7, and 8 dropped due to accuracy
Lorazepam
MDA - 5-500 -- calibrator 8 dropped due to accuracy
MDMA
Methadone
Methamphetamine - 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol - 5-500 -- calibrator 8 dropped due to accuracy
Norbuprenorphine - 2.5-100 -- calibrator 1 dropped due to poor response/peak shape
Nordiazepam
Norfentanyl
Norhydrocodone
O-desmethyltramadol
Promethazine
Sertraline
Tramadol
Xylazine
Zolpidem

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2024-3216-4	P2024-2515-1								IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2024-3231-1	P2024-2516-1								IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2024-3239-1	P2024-2517-1								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2024-2439-1	P2024-2518-1							IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2024-2471-1	P2024-2528-1							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2024-2474-1	P2024-2551-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2024-2766-1	P2024-2482-1								IS + QC_2	IS + Cal. 2
H	IS + Cal. 8		P2024-2501-1								IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2024-3216-4	P2024-2515-1*								IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2024-3231-1	P2024-2516-1								IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2024-3239-1	P2024-2517-1								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2024-2439-1	P2024-2518-1							IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2024-2471-1	P2024-2528-1							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2024-2474-1	P2024-2551-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2024-2766-1	P2024-2482-1								IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	P2024-2515-1	P2024-2501-1								IS + QC_1	IS + Cal. 1

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

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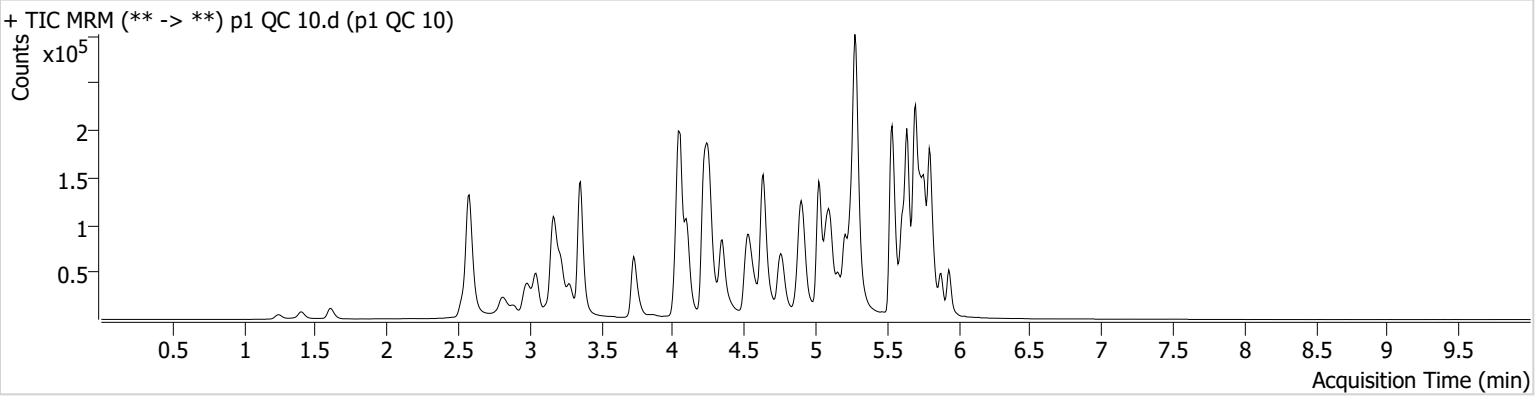
AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 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-A2	**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	9/6/2024 2:56:29 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio		S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.258	10903	1614.52	74.1		1010.03	40966	10.9452 ng/ml
Alprazolam	5.762	23807	523.84	107.1		570.17	89328	9.7902 ng/ml
Amphetamine	3.047	62731	1466.74	53.1		3847.41	92456	10.2350 ng/ml
Benzoylecgonine	3.869	1128	180.71	40.7		17.69	4014	9.2312 ng/ml
Bromazolam	5.800	18375	12832.88	117.3		13187.37	46803	9.7604 ng/ml
Buprenorphine	5.847	1342	802.97	11.3	**Low**	154.31	46566	1.3330 ng/ml
Clonazepam	5.597	25750	754.02	37.3		3678.90	34834	10.1045 ng/ml
Diazepam	5.940	16389	100.95	91.3		184.60	70440	9.6222 ng/ml
Dihydrocodeine	2.561	9696	104.69	64.0		924.76	48726	9.7806 ng/ml
Diphenhydramine	5.285	96207	1853.00	34.4		251.21	577315	9.2644 ng/ml
Doxylamine	4.539	81132	1077.59	83.3		68.64	312417	9.7509 ng/ml
EDDP	5.250	29706	2455.67	42.1		677.27	138981	9.5948 ng/ml
Fentanyl	5.090	3940	84.83	73.2		442.38	207889	0.9024 ng/ml
Hydrocodone	3.023	13071	243.07	35.8		36.50	61379	9.6848 ng/ml
Lamotrigine	4.266	26255	124.14	87.5		1216.03	355331	104.3433 ng/ml
Lorazepam	5.733	20149	1152.55	48.9		97.66	130468	9.9200 ng/ml
MDA	3.187	44851	1159.29	28.3		883.62	132368	9.8573 ng/ml
MDMA	3.289	29344	705.20	86.1		1223.76	32575	9.5031 ng/ml
Methadone	5.645	67168	3743.12	48.7		607.86	275313	9.0650 ng/ml
Methamphetamine	3.222	99033	710.48	39.4		210.25	204729	9.8882 ng/ml
Metoprolol	4.306	7790	658.78	103.4		483.58	327859	9.8633 ng/ml
Norbuprenorphine	4.985	198	116.45	116.4	**High**	231.59	8003	0.8414 ng/ml
Nordiazepam	5.880	19250	680.60	58.5		828.02	57965	9.6921 ng/ml
Norfentanyl	4.069	6105	217.12	41.7		180.24	250355	0.9202 ng/ml
Norhydrocodone	3.064	3181	94.02	42.9		100.35	19377	9.4783 ng/ml
O-desmethyl-tramadol	3.355	65052	11047.19	6.4		5837.47	336580	9.6070 ng/ml
Promethazine	5.537	66915	3490.14	30.6		278.27	333200	9.4868 ng/ml
Sertraline	5.769	20027	234.43	86.8		606.20	81806	9.6324 ng/ml
Tramadol	4.232	61392	333.04	4.0		61.83	327859	10.0684 ng/ml
Xylazine	4.070	23391	2349.59	48.2		131.65	104350	9.6160 ng/ml
Zolpidem	4.920	64281	1032.57	29.6		776.16	257526	10.2313 ng/ml

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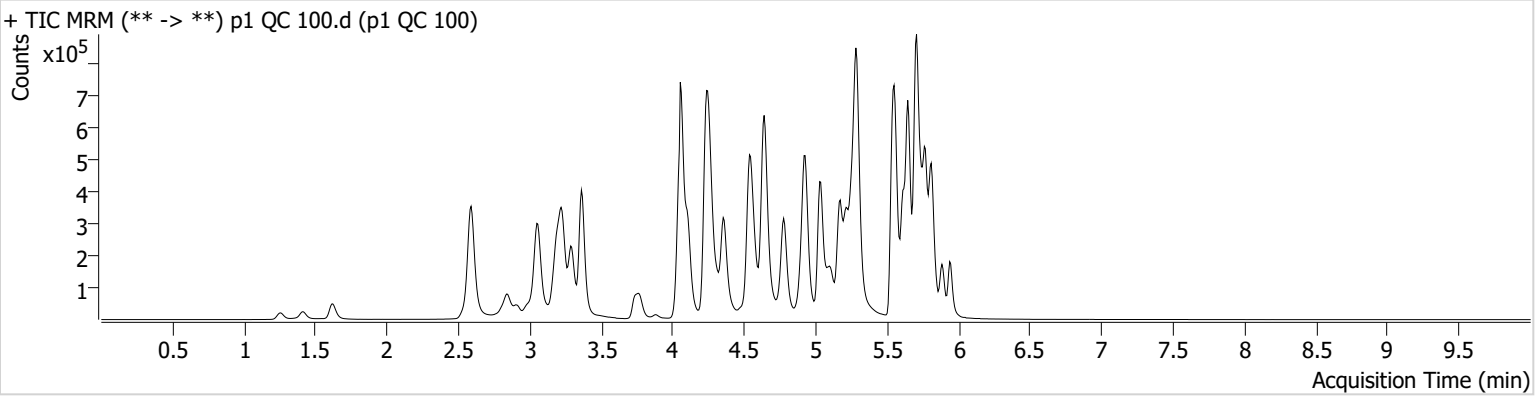
AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B2
Injection Volume 2
Acq. Date-Time 9/6/2024 9:41:17 AM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
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	4.258	64523	101.30	77.9	4176.16	32368	93.2608 ng/ml
Alprazolam	5.769	227761	882.67	105.0	521.46	84446	102.5306 ng/ml
Amphetamine	3.060	592726	287.13	51.8	373.21	92598	110.3797 ng/ml
Benzoylecgonine	3.882	12340	183.92	35.2	1251.05	4249	98.1046 ng/ml
Bromazolam	5.807	155485	107582.75	118.3	147061.92	39756	102.9724 ng/ml
Buprenorphine	5.861	13927	20121.73	15.2	2593.21	50073	9.2391 ng/ml
Clonazepam	5.604	204872	1258.22	37.5	2261.61	30560	99.4440 ng/ml
Diazepam	5.947	158691	612.84	93.1	1927.37	67230	99.0164 ng/ml
Dihydrocodeine	2.561	96240	18390.17	63.6	428.24	49650	102.1263 ng/ml
Diphenhydramine	5.292	998559	924.11	34.3	12845.71	578582	95.5119 ng/ml
Doxylamine	4.545	933733	127102.43	97.4	576.54	349498	96.8696 ng/ml
EDDP	5.256	301451	10585.96	42.8	7501.18	132344	101.8393 ng/ml
Fentanyl	5.096	43309	10780.09	75.6	25796.60	221995	9.4312 ng/ml
Hydrocodone	3.029	136066	1315.37	38.0	1695.18	60457	107.5126 ng/ml
Lamotrigine	4.273	182314	506.17	90.1	1279.71	339773	867.3870 ng/ml
Lorazepam	5.740	117571	16691.12	51.2	1660.74	90830	95.0901 ng/ml
MDA	3.194	388027	42851.77	28.5	48531.44	118791	102.9791 ng/ml
MDMA	3.295	313475	229775.39	84.3	125.43	33077	101.0093 ng/ml
Methadone	5.645	707323	1215.03	49.0	26763.26	277551	96.0418 ng/ml
Methamphetamine	3.229	634491	24764.56	39.1	20952.87	215457	103.5238 ng/ml
Metoprolol	4.313	77241	7898.85	103.8	67918.31	345276	105.5093 ng/ml
Norbuprenorphine	4.985	2000	∞	100.7	5127.79	8515	9.4993 ng/ml
Nordiazepam	5.887	181527	881.67	58.4	2640.08	53778	102.1085 ng/ml
Norfentanyl	4.076	57802	672.15	39.1	750.92	220113	9.5949 ng/ml
Norhydrocodone	3.064	31955	∞	42.3	143.62	19237	93.6523 ng/ml
O-desmethyl-tramadol	3.362	701039	191787.84	6.4	523.94	349070	100.3641 ng/ml
Promethazine	5.537	722693	16796.64	30.4	70816.21	342543	99.0922 ng/ml
Sertraline	5.769	191041	462.24	89.4	604.07	75060	100.3651 ng/ml
Tramadol	4.238	617933	2317.86	4.1	312.70	345276	101.8547 ng/ml
Xylazine	4.076	241154	1394.01	50.4	12573.77	104875	99.1425 ng/ml
Zolpidem	4.927	676303	160156.86	29.7	218463.53	270015	109.2999 ng/ml

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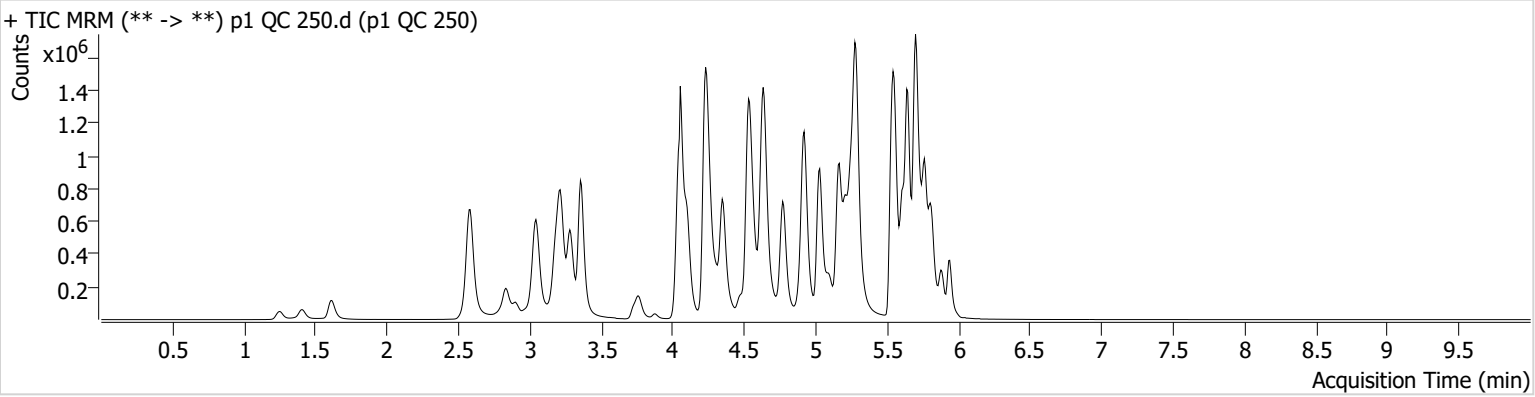
AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 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-C2	**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	9/6/2024 3:17:47 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	86363	3333.20	86.4	1635.40	23226	175.4662 ng/ml
Alprazolam	5.762	496400	2023.70	104.5	432.39	73984	255.6270 ng/ml
Amphetamine	3.047	1247667	42400.15	51.5	303.22	96138	225.4755 ng/ml
Benzoylecgonine	3.876	35770	288.39	35.4	20068.15	5018	241.2130 ng/ml
Bromazolam	5.800	302830	131994.48	118.1	6584.09	31033	257.8867 ng/ml
Buprenorphine	5.854	39073	25897.48	13.9	6270.11	52870	23.8567 ng/ml
Clonazepam	5.597	352623	25094.32	36.6	34842.15	23484	223.9355 ng/ml
Diazepam	5.940	379724	739.41	93.0	833.98	64369	247.6911 ng/ml
Dihydrocodeine	2.554	227786	402.12	64.2	1909.44	53917	223.5107 ng/ml
Diphenhydramine	5.285	2487089	90081.68	33.9	49757.48	575459	239.1102 ng/ml
Doxylamine	4.532	2608098	85543.42	96.3	115130.03	391493	240.9969 ng/ml
EDDP	5.250	788416	23760.00	42.8	19214.17	140733	250.4125 ng/ml
Fentanyl	5.090	122073	9029.02	72.3	44358.44	250780	23.5549 ng/ml
Hydrocodone	3.016	340713	2129.84	40.6	258.62	66314	246.1300 ng/ml
Lamotrigine	4.273	305594	22726.76	91.0	578.50	335534	1484.4969 ng/ml
Lorazepam	5.733	151946	16088.34	52.2	2122.06	51890	217.1571 ng/ml
MDA	3.188	826569	55481.99	28.0	2047.12	107835	242.8915 ng/ml
MDMA	3.282	812815	4421.25	86.2	247.87	33310	260.2439 ng/ml
Methadone	5.645	1795096	90188.11	49.3	37845.32	281230	240.7689 ng/ml
Methamphetamine	3.222	1582921	51446.40	38.4	934.05	235750	246.9383 ng/ml
Metoprolol	4.313	171823	3398.76	103.2	30510.74	347742	234.8593 ng/ml
Norbuprenorphine	4.979	5450	3311.31	92.6	30187.85	8597	25.9437 ng/ml
Nordiazepam	5.887	367236	197.07	58.8	1631.59	44938	247.7625 ng/ml
Norfentanyl	4.069	127274	70193.42	38.3	1159.33	187816	24.7091 ng/ml
Norhydrocodone	3.057	90303	∞	41.8	167.63	20261	250.8614 ng/ml
O-desmethyl-tramadol	3.355	1892054	105061.39	6.5	10204.77	377546	250.5304 ng/ml
Promethazine	5.537	1852452	135461.87	29.8	1323.89	350498	248.1440 ng/ml
Sertraline	5.769	408532	40996.01	90.1	5179.68	65035	247.7455 ng/ml
Tramadol	4.225	1640298	1334.47	3.8	∞	347742	269.5306 ng/ml
Xylazine	4.063	625113	73153.83	50.8	4541.94	107232	251.4284 ng/ml
Zolpidem	4.920	1715795	588770.26	29.7	363134.25	287970	261.0197 ng/ml

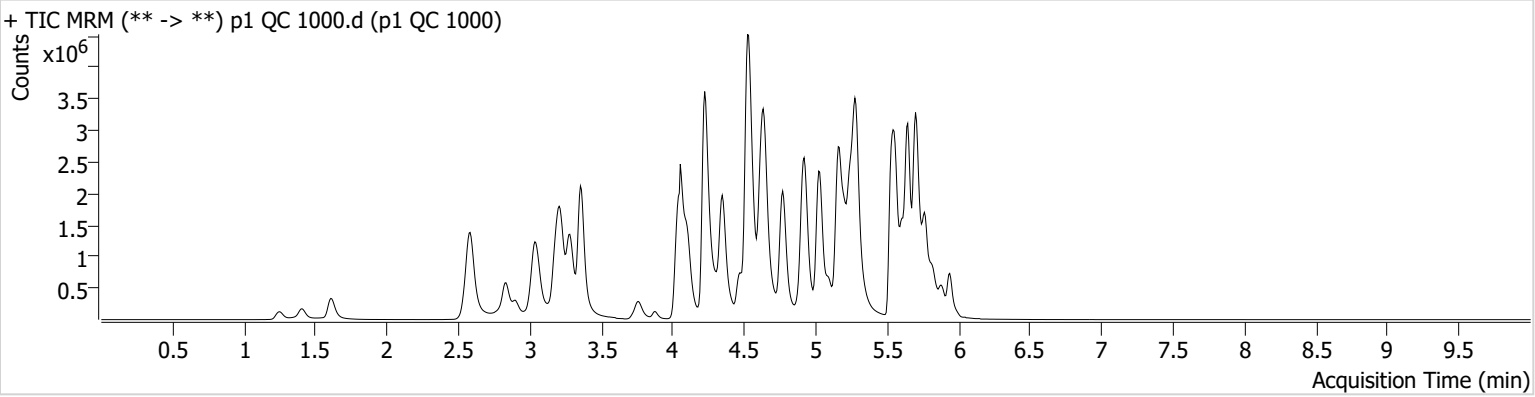
TS

AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

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-D2	**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	9/6/2024 3:39:05 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.258	111891	2975.21	78.9	2047.44	7514	707.9366 ng/ml
Alprazolam	5.762	1022791	∞	105.2	∞	40415	965.2222 ng/ml
Amphetamine	3.047	2664077	113814.75	51.8	79836.24	79878	582.0175 ng/ml
Benzoylecgonine	3.876	146311	92232.60	35.7	102532.27	5065	978.3687 ng/ml
Bromazolam	5.800	508558	284.49	121.3	106310.35	14435	932.7173 ng/ml
Buprenorphine	5.854	137205	216979.79	14.3	2910.22	39686	110.0607 ng/ml
Clonazepam	5.590	410847	7866.61	36.5	1772.91	8894	690.9511 ng/ml
Diazepam	5.940	933752	∞	94.3	522.34	41928	935.4991 ng/ml
Dihydrocodeine	2.548	637124	356.79	62.8	17270.05	47450	712.0797 ng/ml
Diphenhydramine	5.285	6426253	1582.49	33.9	2315.38	363263	978.5763 ng/ml
Doxylamine	4.532	8895252	234928.61	96.8	3378.87	341317	941.7045 ng/ml
EDDP	5.250	2718918	17208.43	42.3	24652.01	118360	1026.6725 ng/ml
Fentanyl	5.090	465650	542884.63	75.3	666658.97	235851	95.5853 ng/ml
Hydrocodone	3.016	1162909	∞	39.9	230.12	58164	959.3543 ng/ml
Lamotrigine	4.273	379107	21438.24	90.8	54385.75	214238	2900.7703 ng/ml
Lorazepam	5.733	184977	30135.28	52.4	3472.43	12920	1068.0157 ng/ml
MDA	3.181	1623974	15755.57	28.1	40769.22	68728	750.6664 ng/ml
MDMA	3.282	2316502	1189.09	86.2	65208.88	23256	1062.6735 ng/ml
Methadone	5.645	5063161	1610.12	49.1	101244.89	193881	985.4953 ng/ml
Methamphetamine	3.219	4316214	2113.67	38.7	64767.42	218721	742.2744 ng/ml
Metoprolol	4.306	384599	265968.47	103.8	332728.46	269740	680.5460 ng/ml
Norbuprenorphine	4.979	17694	46889.37	92.2	804.28	7037	103.4318 ng/ml
Nordiazepam	5.887	666442	31862.16	57.5	1190.76	21013	962.6644 ng/ml
Norfentanyl	4.069	208315	22692.47	38.7	2240.05	64395	117.8345 ng/ml
Norhydrocodone	3.057	263034	∞	43.2	646.91	14160	1044.8069 ng/ml
O-desmethyl-tramadol	3.355	6041243	537128.94	6.4	4504.65	293974	1027.5184 ng/ml
Promethazine	5.530	5029400	151984.82	29.9	3485.57	242497	973.5858 ng/ml
Sertraline	5.769	779614	245318.61	85.4	246736.81	29573	1039.7796 ng/ml
Tramadol	4.225	4149460	∞	3.8	305.81	269740	880.4854 ng/ml
Xylazine	4.063	1858162	285078.99	51.0	75370.67	80251	998.8156 ng/ml
Zolpidem	4.920	4941156	460997.26	29.5	109898.17	238826	908.1774 ng/ml

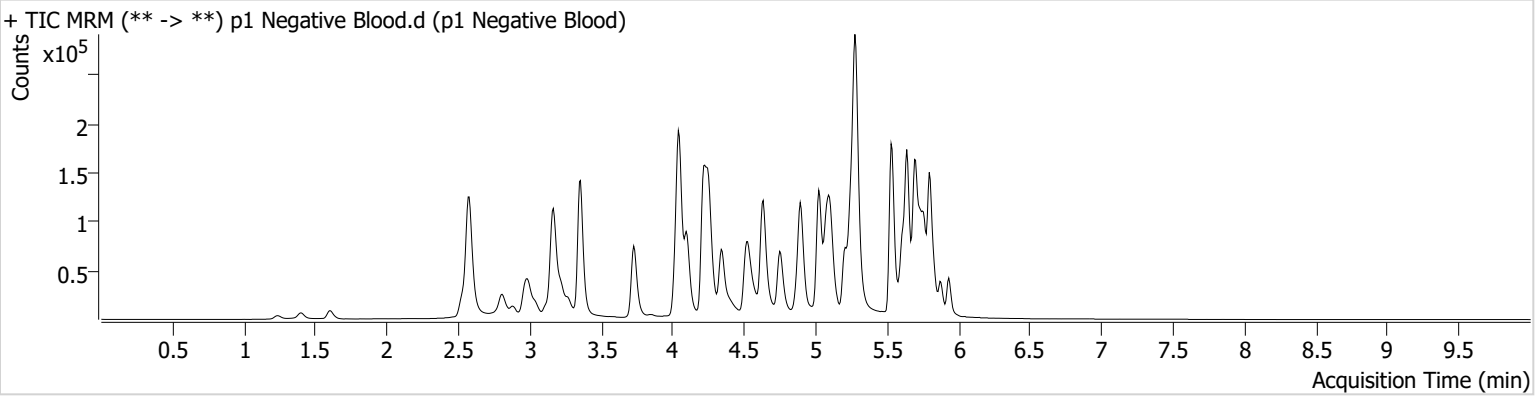
TS

AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

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-F2	**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	9/6/2024 4:00:22 AM		
Sample Info.			

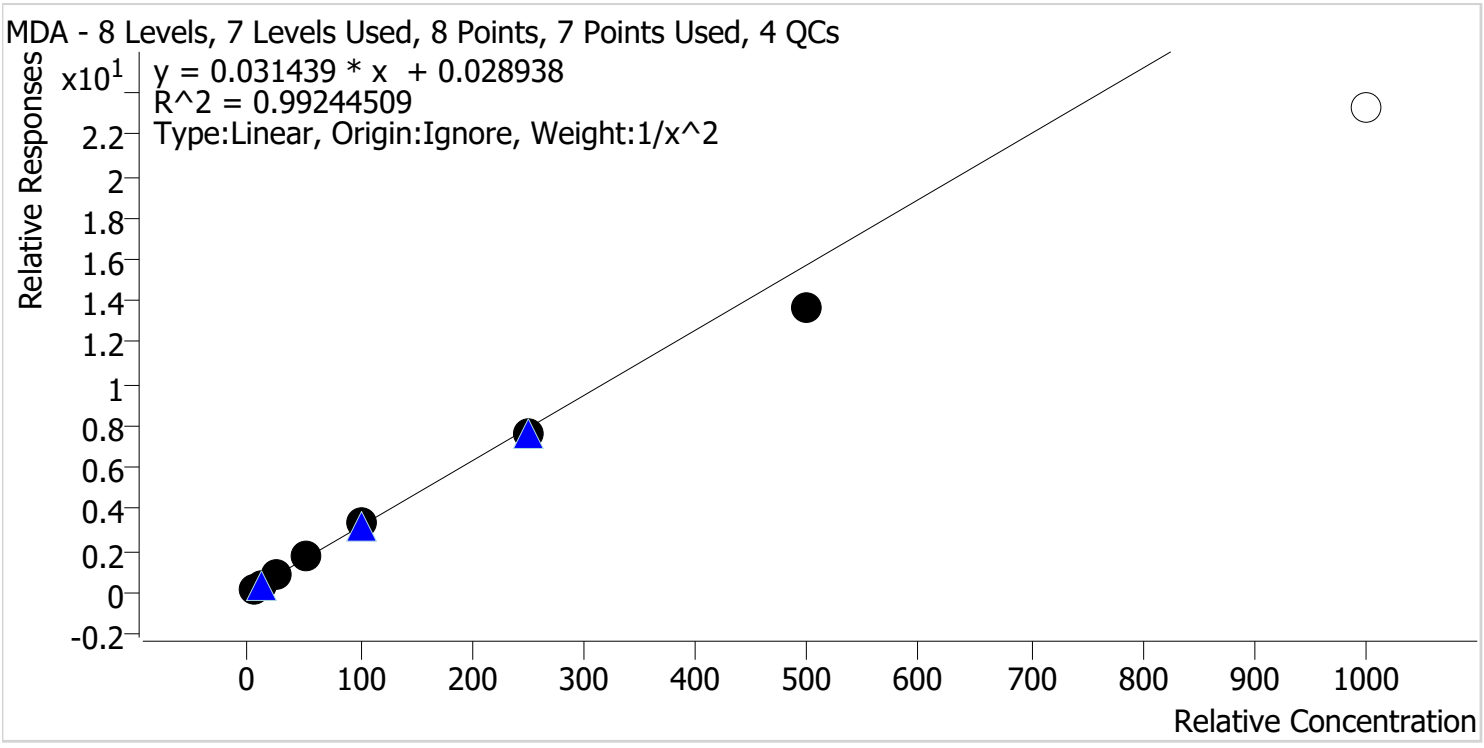
Sample Chromatogram



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update	9/6/2024 1:11 PM
Analyst Name	ISP\tsalazar
Analyte	MDA
Internal Standard	MDA-D5

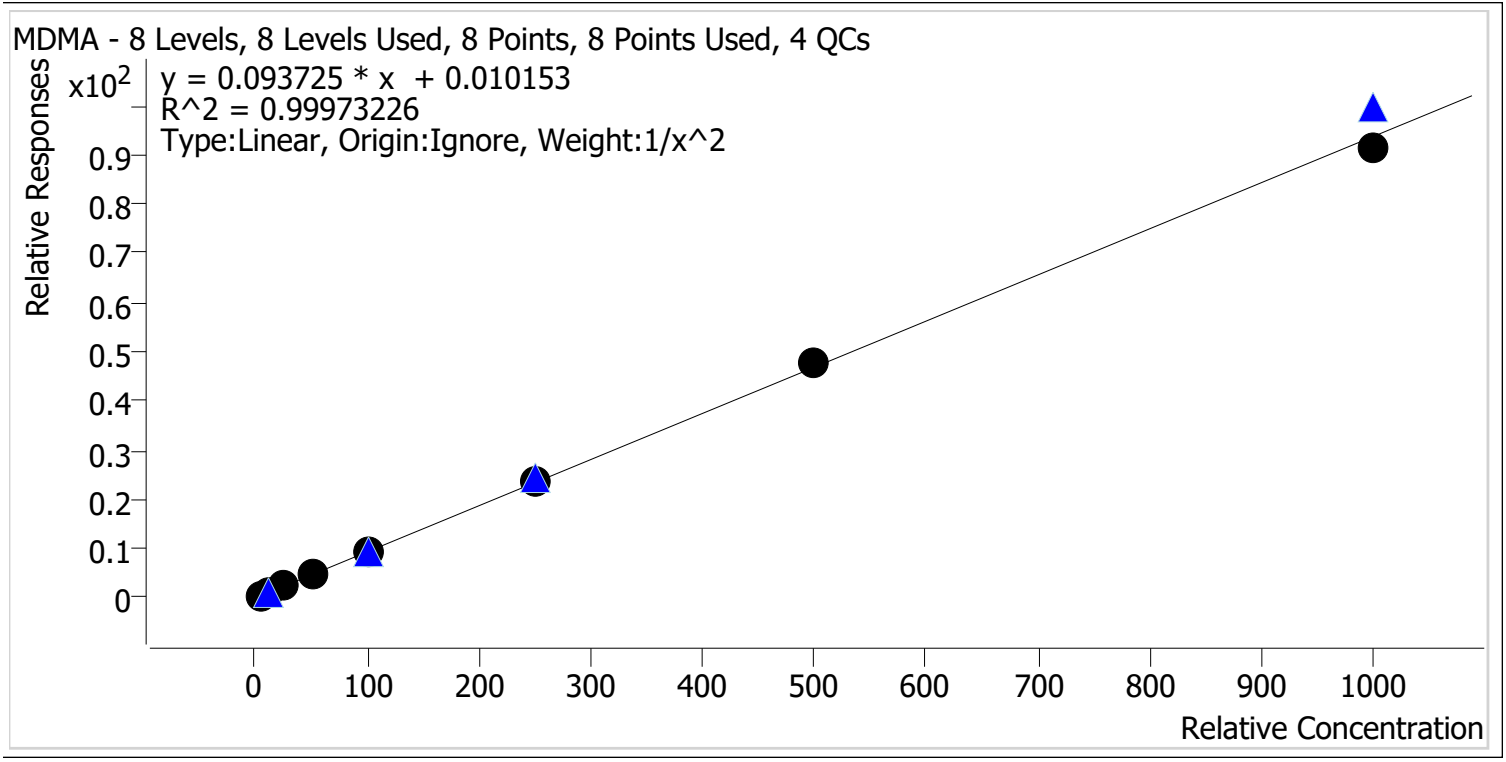


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	96.4
p1 Cal 2-10ng	2	✔	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✔	25.0	26.9	107.5
p1 Cal 4-50ng	4	✔	50.0	53.3	106.7
p1 Cal 5-100ng	5	✔	100.0	103.4	103.4
p1 Cal 6-250ng	6	✔	250.0	241.5	96.6
p1 Cal 7-500ng	7	✔	500.0	432.7	86.5
p1 Cal 8-1000ng	8	✗	1000.0	739.8	74.0

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte MDMA **Internal Standard** MDMA-D6

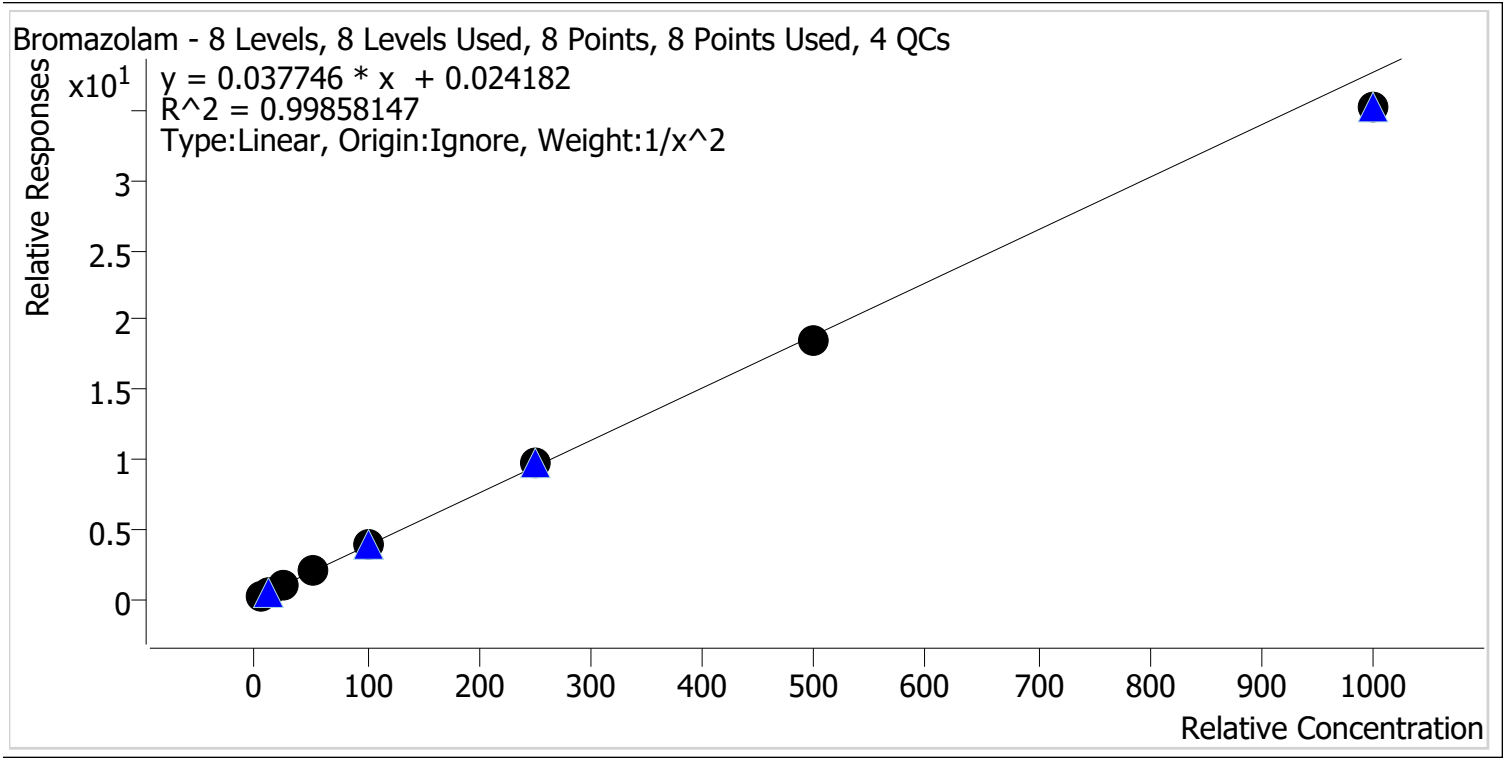


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.0
p1 Cal 2-10ng	2	✔	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✔	25.0	24.9	99.5
p1 Cal 4-50ng	4	✔	50.0	49.5	99.1
p1 Cal 5-100ng	5	✔	100.0	100.0	100.0
p1 Cal 6-250ng	6	✔	250.0	255.0	102.0
p1 Cal 7-500ng	7	✔	500.0	508.1	101.6
p1 Cal 8-1000ng	8	✔	1000.0	974.8	97.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Bromazolam **Internal Standard** Bromazolam-D5

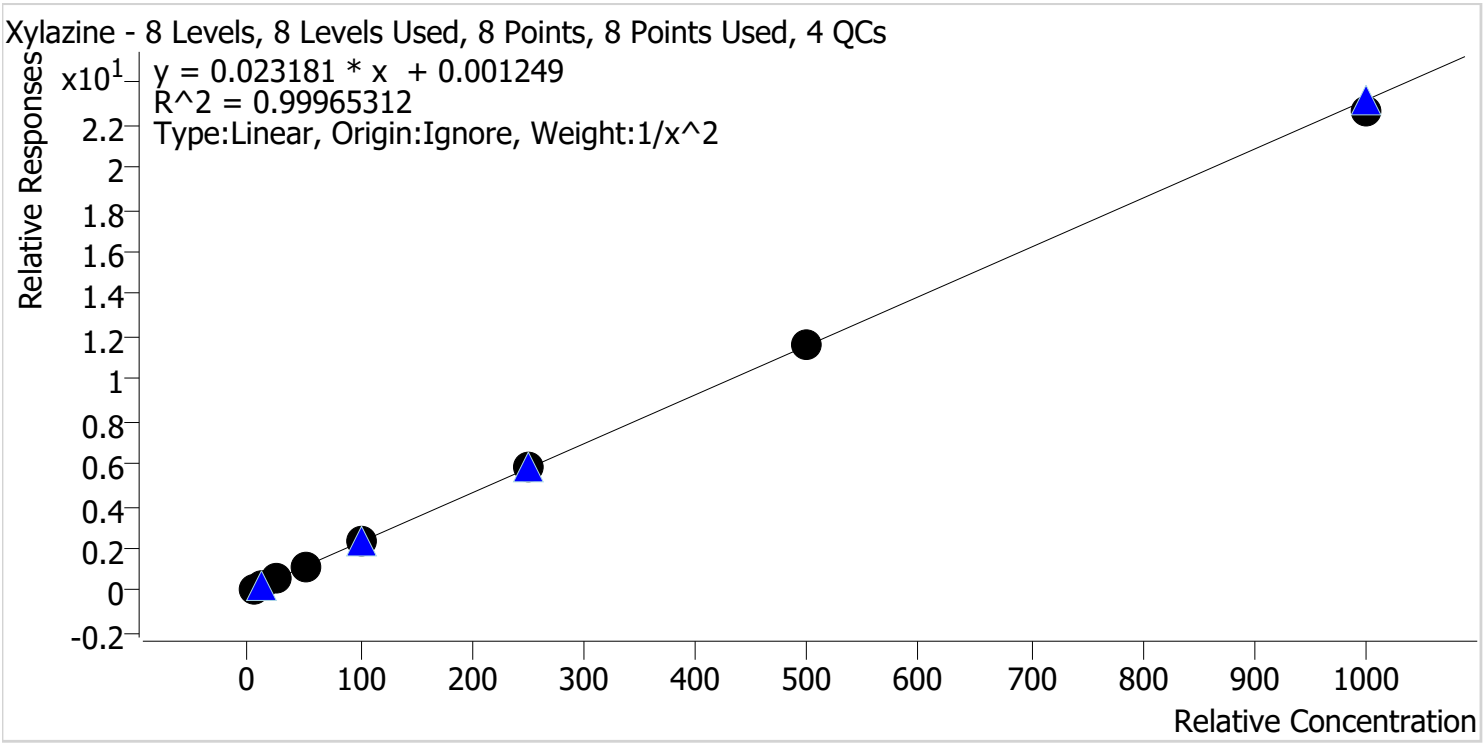


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	99.3
p1 Cal 2-10ng	2	✔	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✔	25.0	25.5	101.8
p1 Cal 4-50ng	4	✔	50.0	51.4	102.9
p1 Cal 5-100ng	5	✔	100.0	101.7	101.7
p1 Cal 6-250ng	6	✔	250.0	257.8	103.1
p1 Cal 7-500ng	7	✔	500.0	490.2	98.0
p1 Cal 8-1000ng	8	✔	1000.0	932.0	93.2

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Xylazine **Internal Standard** Xylanzine-D6

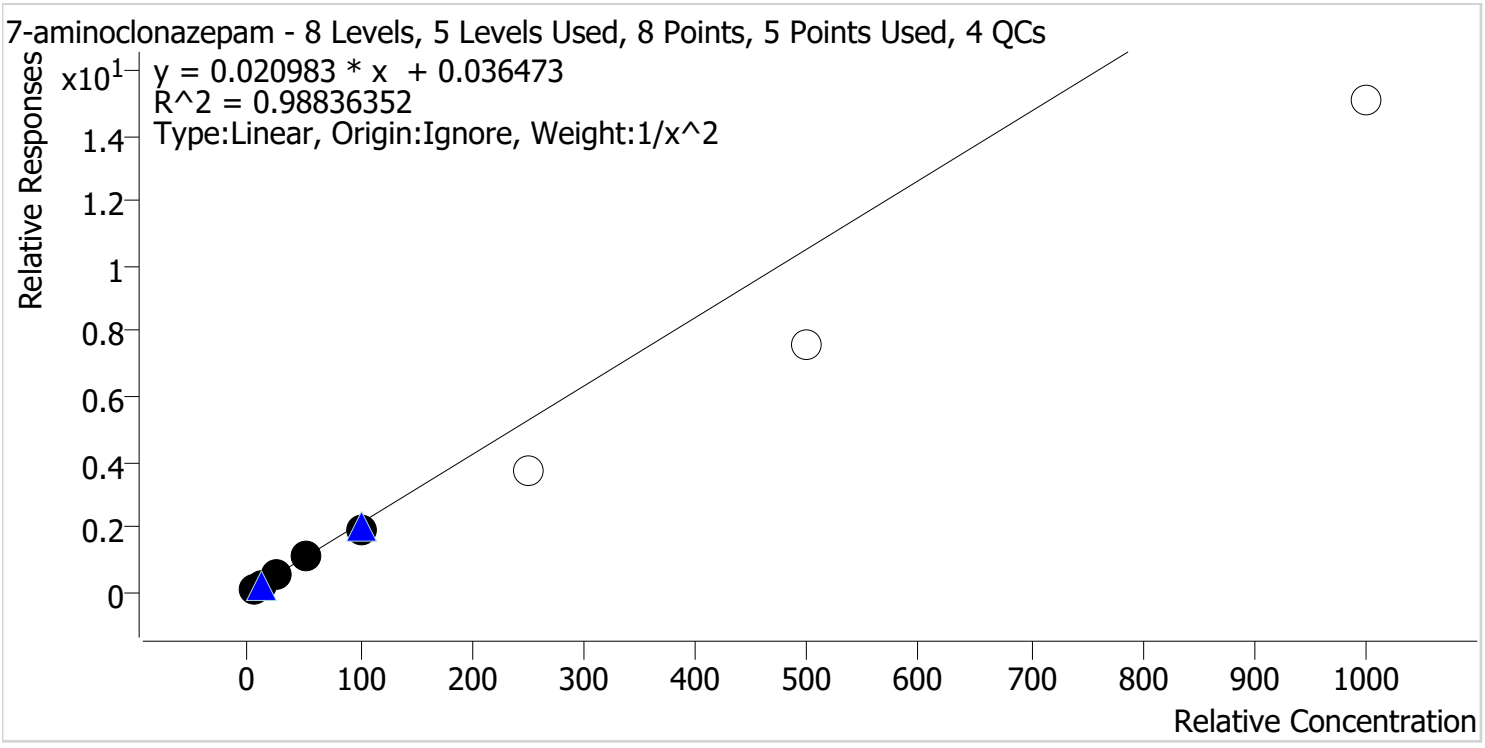


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	99.5
p1 Cal 2-10ng	2	✔	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✔	25.0	24.7	98.9
p1 Cal 4-50ng	4	✔	50.0	49.4	98.9
p1 Cal 5-100ng	5	✔	100.0	101.9	101.9
p1 Cal 6-250ng	6	✔	250.0	254.5	101.8
p1 Cal 7-500ng	7	✔	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✔	1000.0	973.9	97.4

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

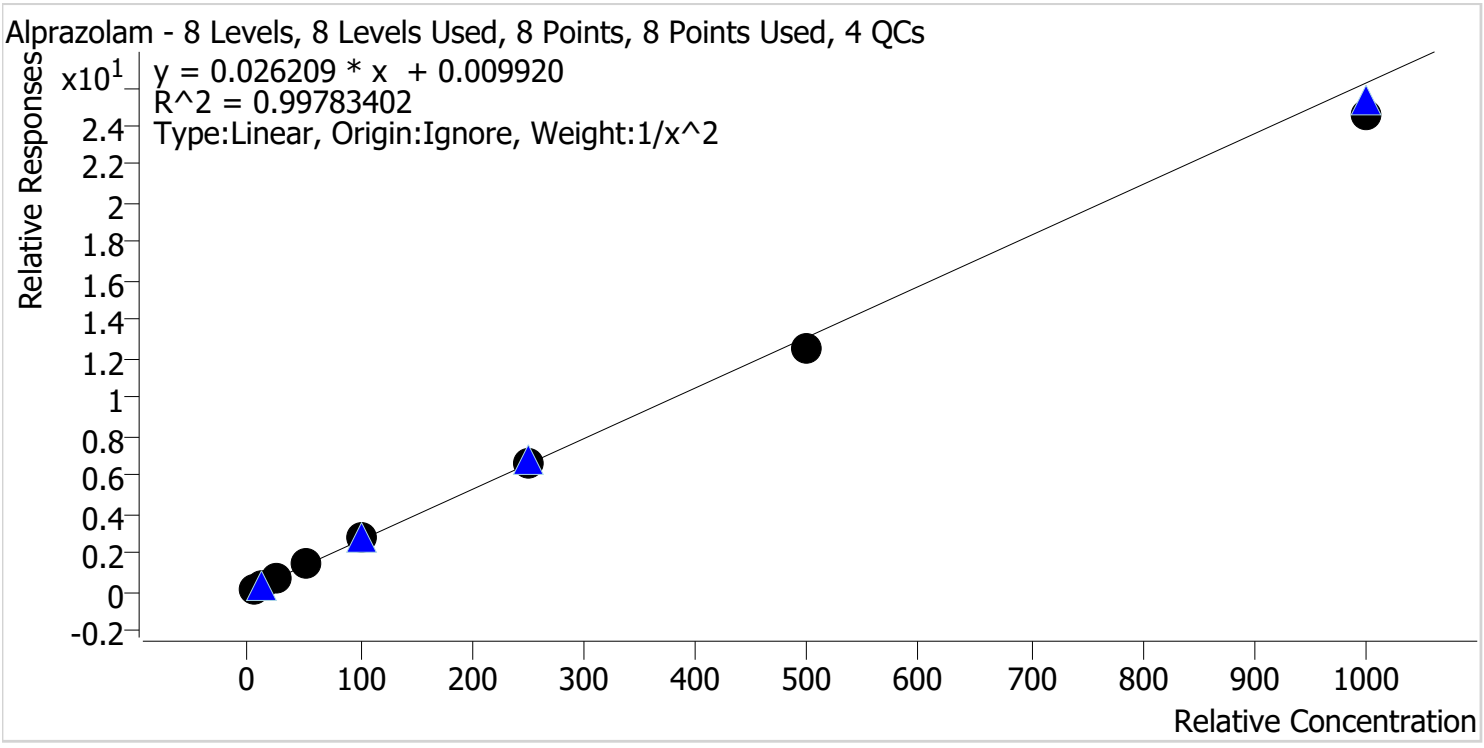


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	95.5
p1 Cal 2-10ng	2	✔	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✔	25.0	27.4	109.4
p1 Cal 4-50ng	4	✔	50.0	50.1	100.2
p1 Cal 5-100ng	5	✔	100.0	88.6	88.6
p1 Cal 6-250ng	6	✗	250.0	176.2	70.5
p1 Cal 7-500ng	7	✗	500.0	361.7	72.3
p1 Cal 8-1000ng	8	✗	1000.0	716.0	71.6

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Alprazolam **Internal Standard** Alprazolam-D5

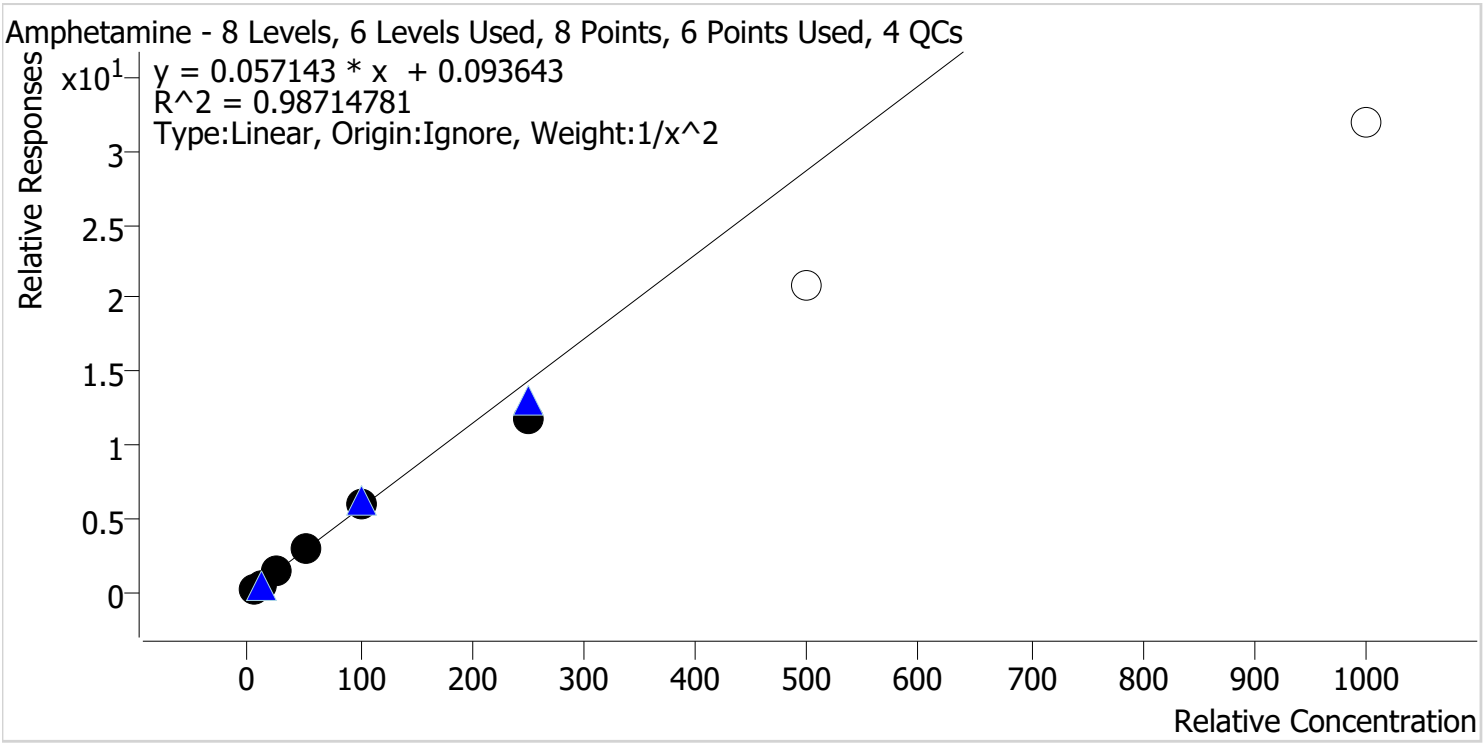


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.9	97.6
p1 Cal 2-10ng	2	✔	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✔	25.0	25.4	101.7
p1 Cal 4-50ng	4	✔	50.0	51.1	102.2
p1 Cal 5-100ng	5	✔	100.0	104.7	104.7
p1 Cal 6-250ng	6	✔	250.0	254.0	101.6
p1 Cal 7-500ng	7	✔	500.0	476.5	95.3
p1 Cal 8-1000ng	8	✔	1000.0	935.0	93.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Amphetamine **Internal Standard** Amphetamine-D11

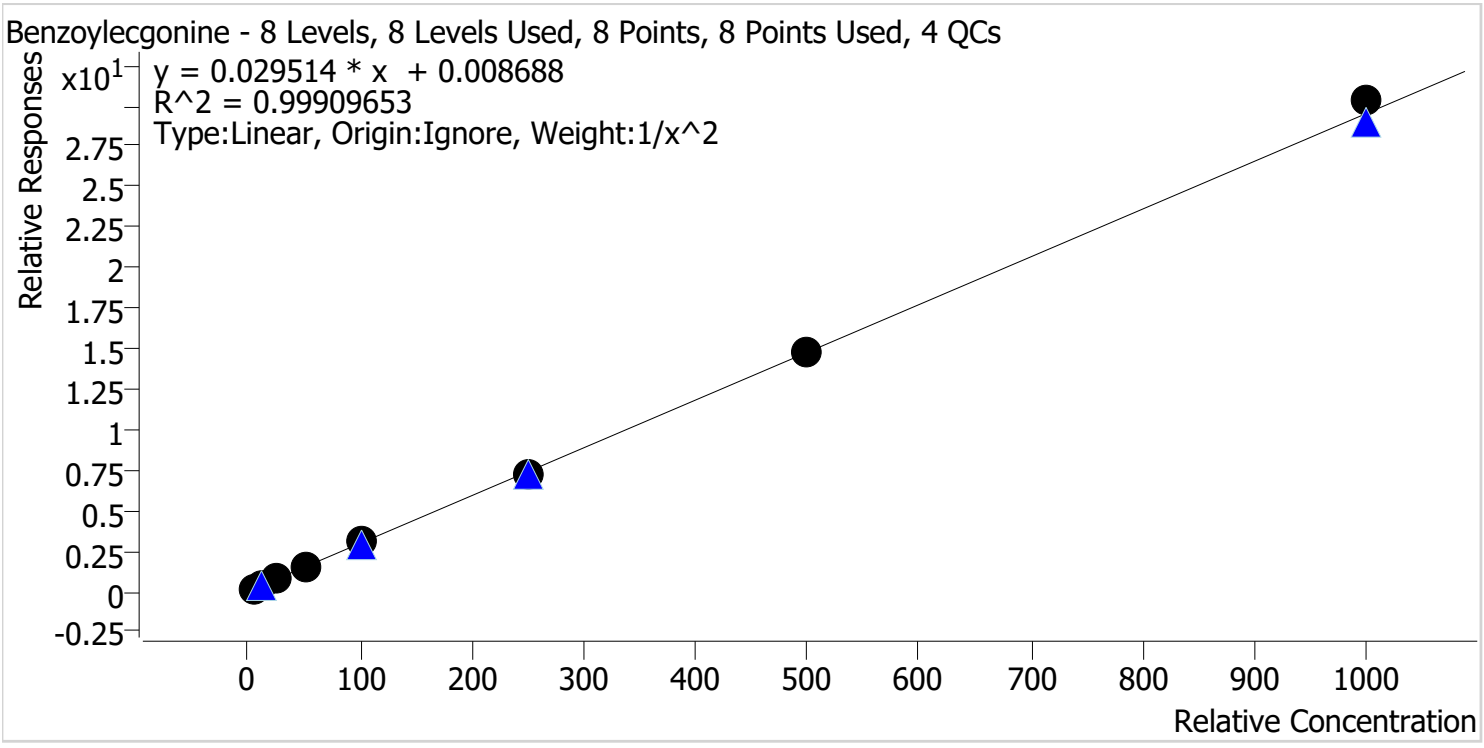


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	95.9
p1 Cal 2-10ng	2	✔	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✔	25.0	26.4	105.4
p1 Cal 4-50ng	4	✔	50.0	53.5	107.1
p1 Cal 5-100ng	5	✔	100.0	103.8	103.8
p1 Cal 6-250ng	6	✔	250.0	207.0	82.8
p1 Cal 7-500ng	7	✗	500.0	365.7	73.1
p1 Cal 8-1000ng	8	✗	1000.0	558.0	55.8

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update	9/6/2024 1:11 PM
Analyst Name	ISP\tsalazar
Analyte	Benzoylecgonine
Internal Standard	Benzoylecgonine-d8

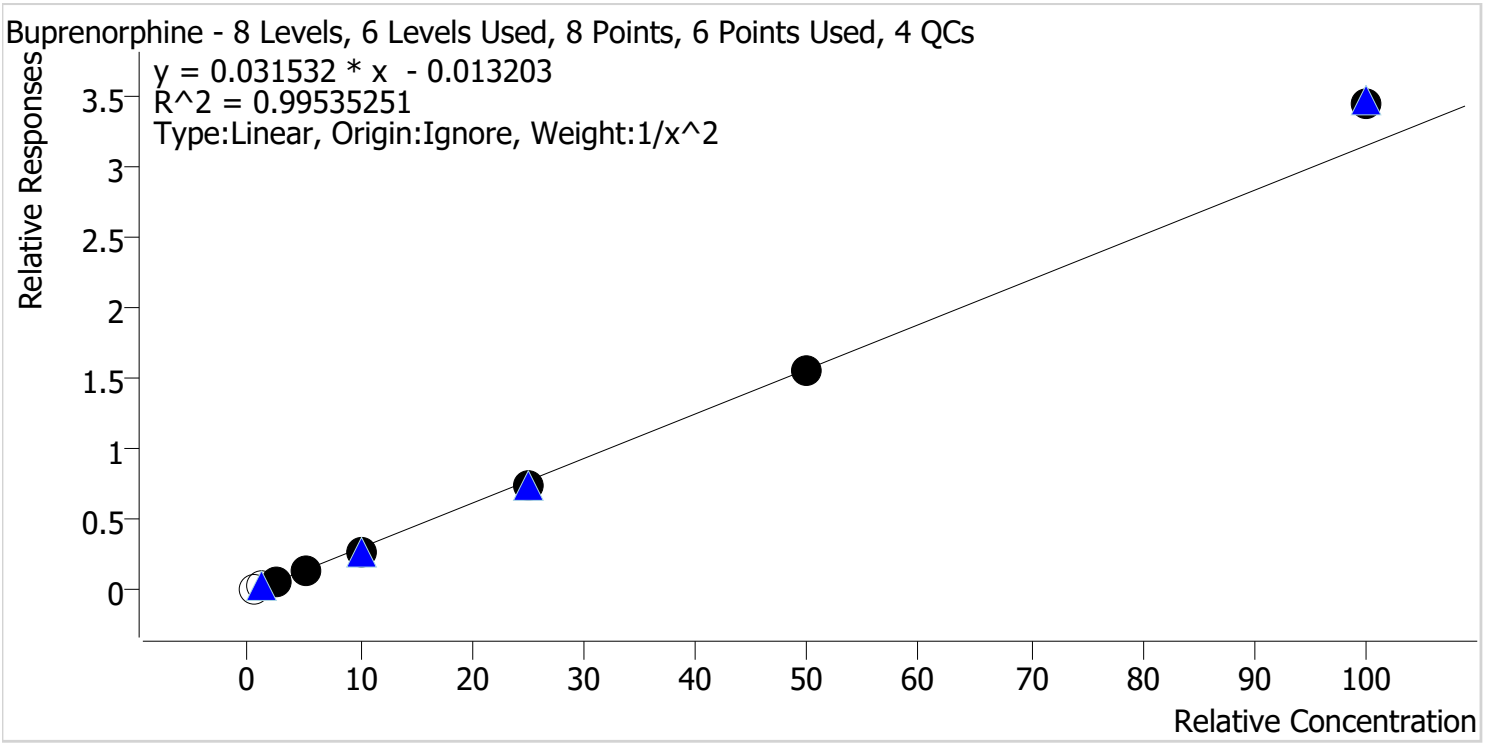


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.9	98.0
p1 Cal 2-10ng	2	✔	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✔	25.0	25.1	100.3
p1 Cal 4-50ng	4	✔	50.0	48.9	97.7
p1 Cal 5-100ng	5	✔	100.0	100.7	100.7
p1 Cal 6-250ng	6	✔	250.0	241.8	96.7
p1 Cal 7-500ng	7	✔	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✔	1000.0	1027.2	102.7

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

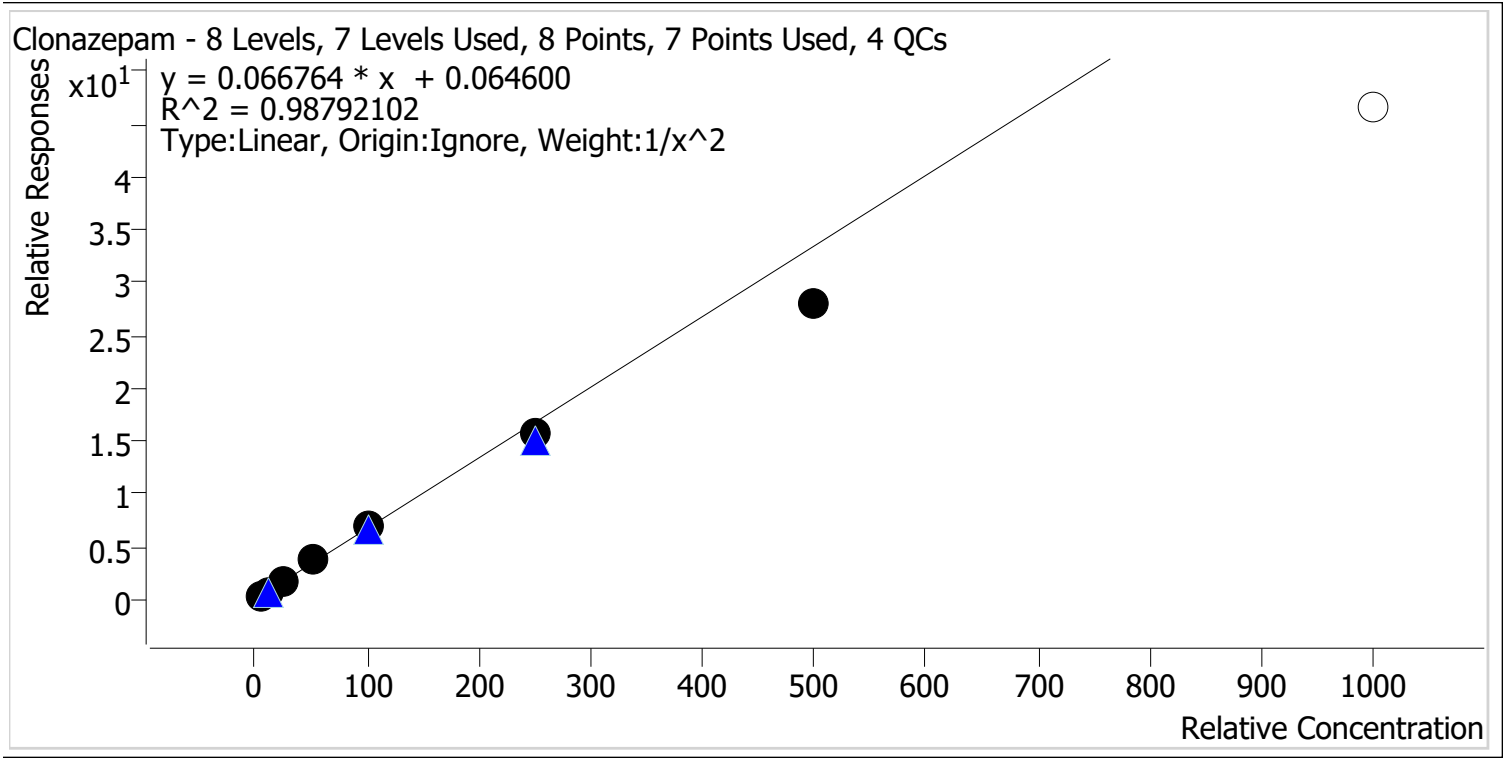


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✗	0.5	0.9	178.0
p1 Cal 2-10ng	2	✗	1.0	1.3	131.6
p1 Cal 3 -25ng	3	✔	2.5	2.6	102.5
p1 Cal 4-50ng	4	✔	5.0	4.9	98.4
p1 Cal 5-100ng	5	✔	10.0	9.4	93.6
p1 Cal 6-250ng	6	✔	25.0	24.1	96.3
p1 Cal 7-500ng	7	✔	50.0	50.0	99.9
p1 Cal 8-1000ng	8	✔	100.0	109.3	109.3

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Clonazepam **Internal Standard** Clonazepam-D4

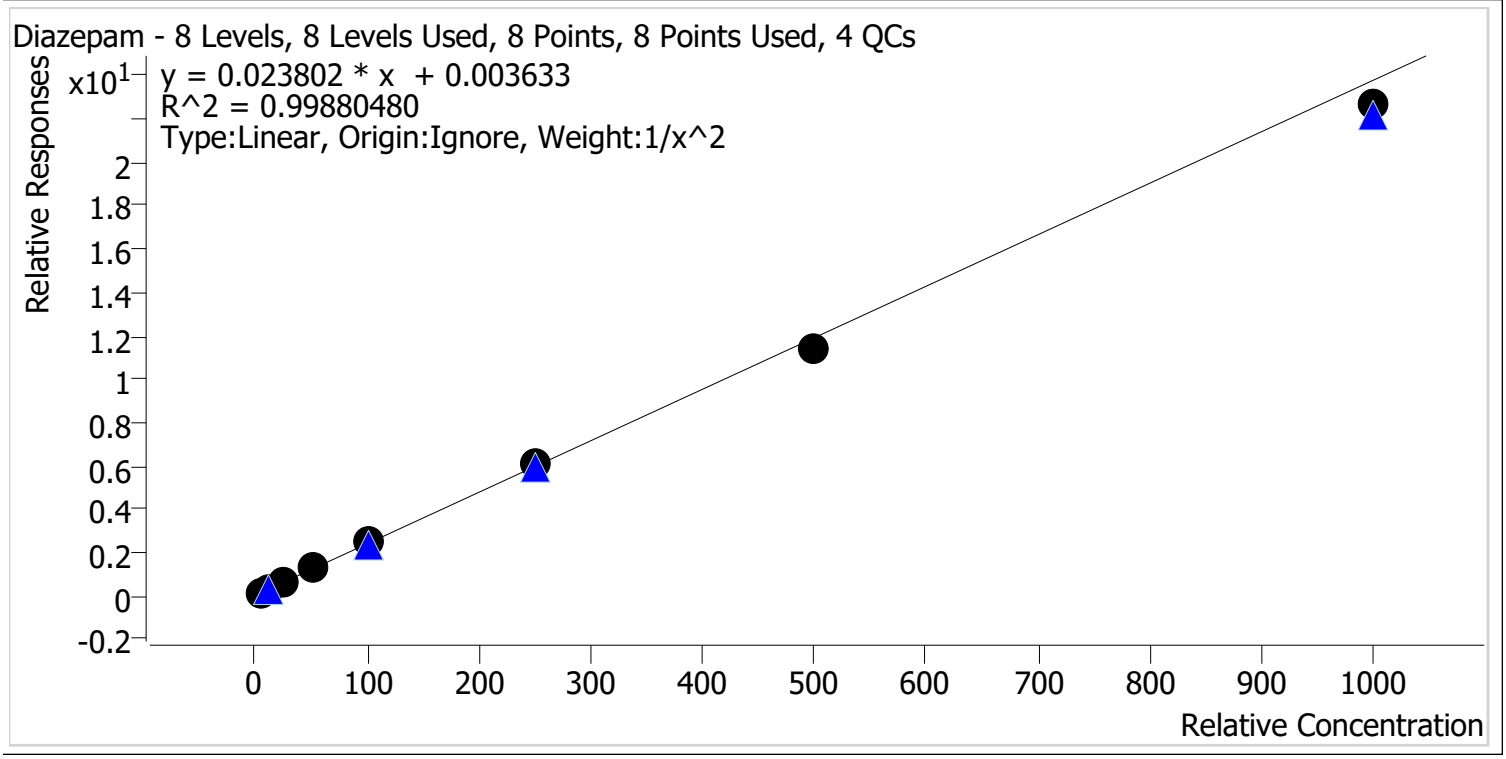


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	96.2
p1 Cal 2-10ng	2	✔	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✔	25.0	27.5	109.9
p1 Cal 4-50ng	4	✔	50.0	54.6	109.3
p1 Cal 5-100ng	5	✔	100.0	105.0	105.0
p1 Cal 6-250ng	6	✔	250.0	234.4	93.8
p1 Cal 7-500ng	7	✔	500.0	419.8	84.0
p1 Cal 8-1000ng	8	✗	1000.0	695.8	69.6

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Diazepam **Internal Standard** Diazepam-D5

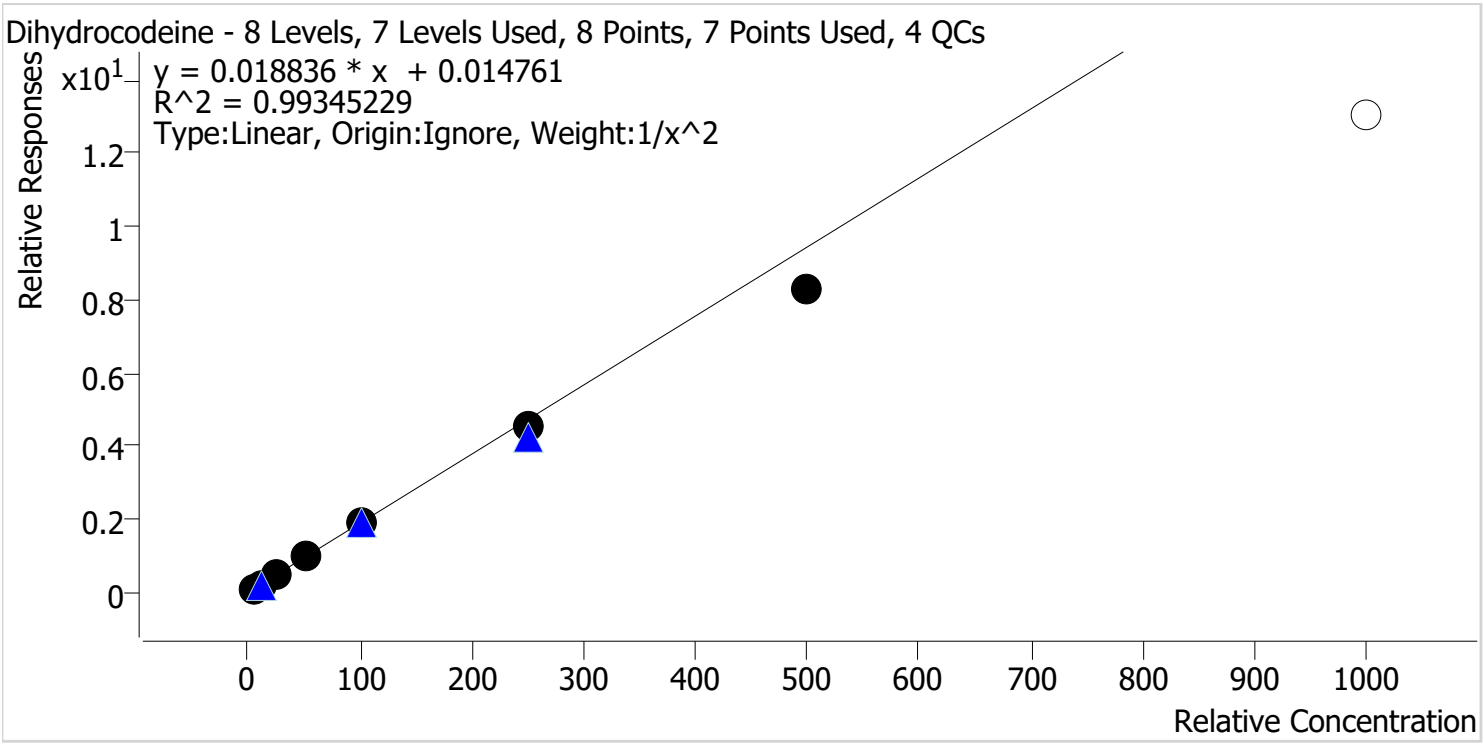


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.9	98.4
p1 Cal 2-10ng	2	✔	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✔	25.0	25.7	102.7
p1 Cal 4-50ng	4	✔	50.0	51.2	102.5
p1 Cal 5-100ng	5	✔	100.0	102.4	102.4
p1 Cal 6-250ng	6	✔	250.0	253.4	101.4
p1 Cal 7-500ng	7	✔	500.0	480.1	96.0
p1 Cal 8-1000ng	8	✔	1000.0	952.8	95.3

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

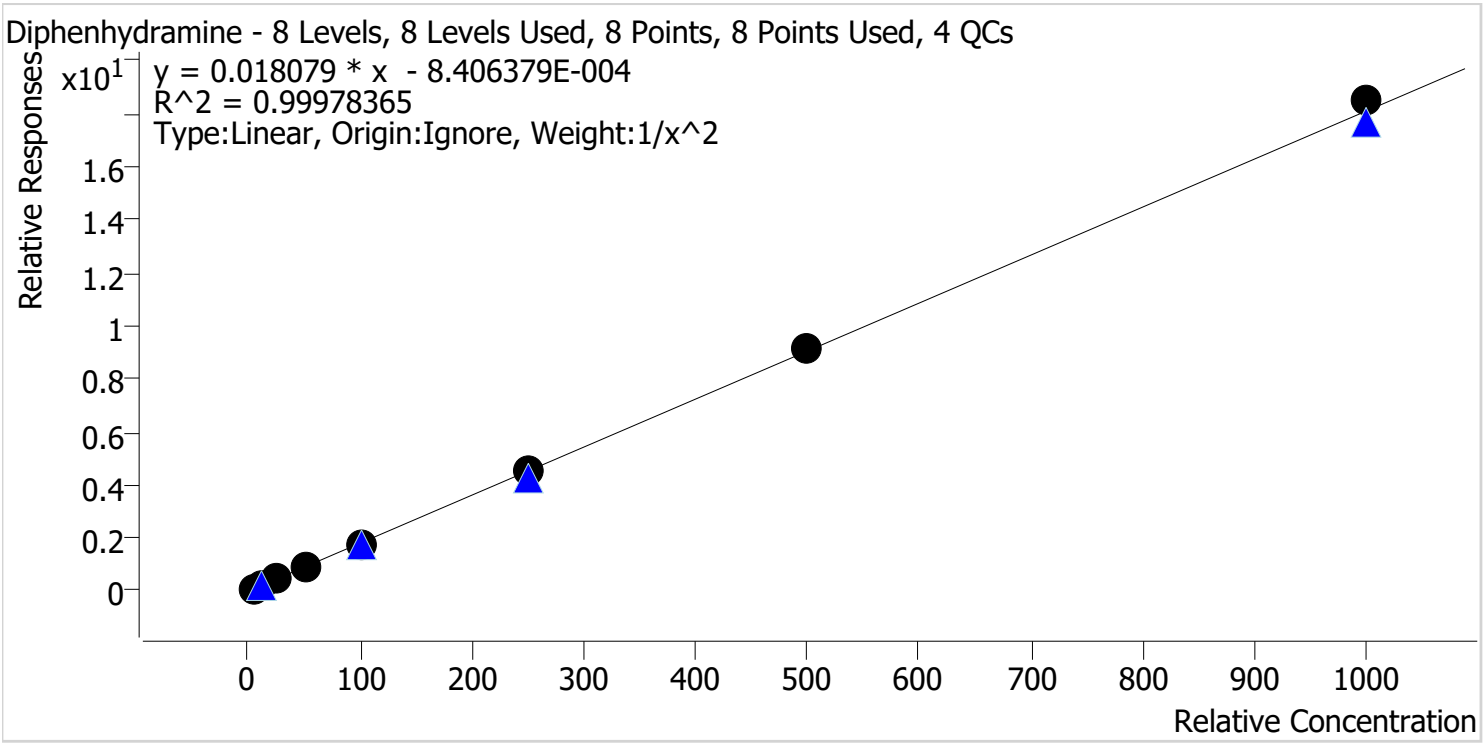


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	96.6
p1 Cal 2-10ng	2	✔	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✔	25.0	26.8	107.3
p1 Cal 4-50ng	4	✔	50.0	53.1	106.3
p1 Cal 5-100ng	5	✔	100.0	102.9	102.9
p1 Cal 6-250ng	6	✔	250.0	241.0	96.4
p1 Cal 7-500ng	7	✔	500.0	438.9	87.8
p1 Cal 8-1000ng	8	✗	1000.0	691.2	69.1

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

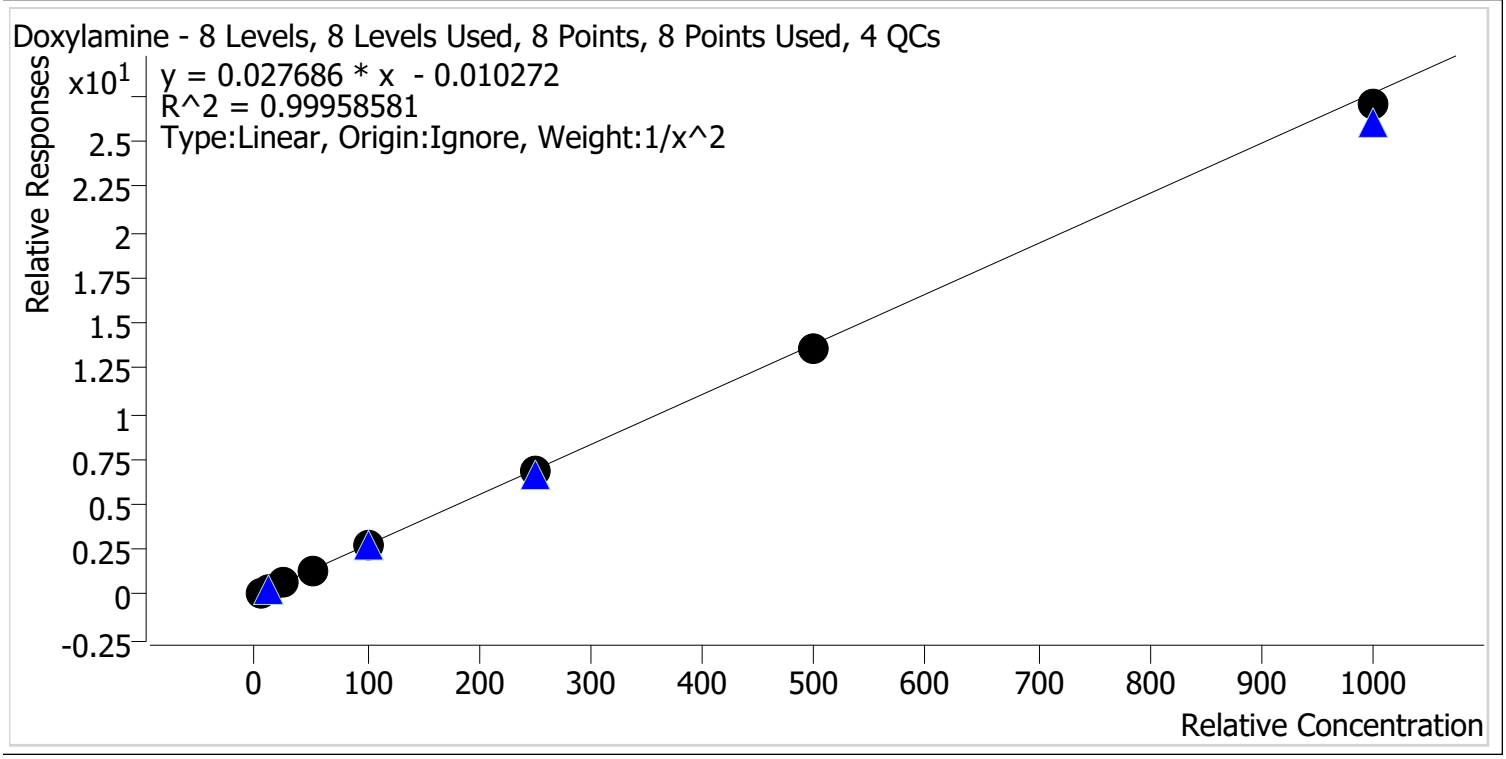


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.7
p1 Cal 2-10ng	2	✔	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✔	25.0	24.6	98.5
p1 Cal 4-50ng	4	✔	50.0	49.4	98.9
p1 Cal 5-100ng	5	✔	100.0	99.5	99.5
p1 Cal 6-250ng	6	✔	250.0	248.7	99.5
p1 Cal 7-500ng	7	✔	500.0	506.5	101.3
p1 Cal 8-1000ng	8	✔	1000.0	1021.9	102.2

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Doxylamine **Internal Standard** Doxylamine-D5

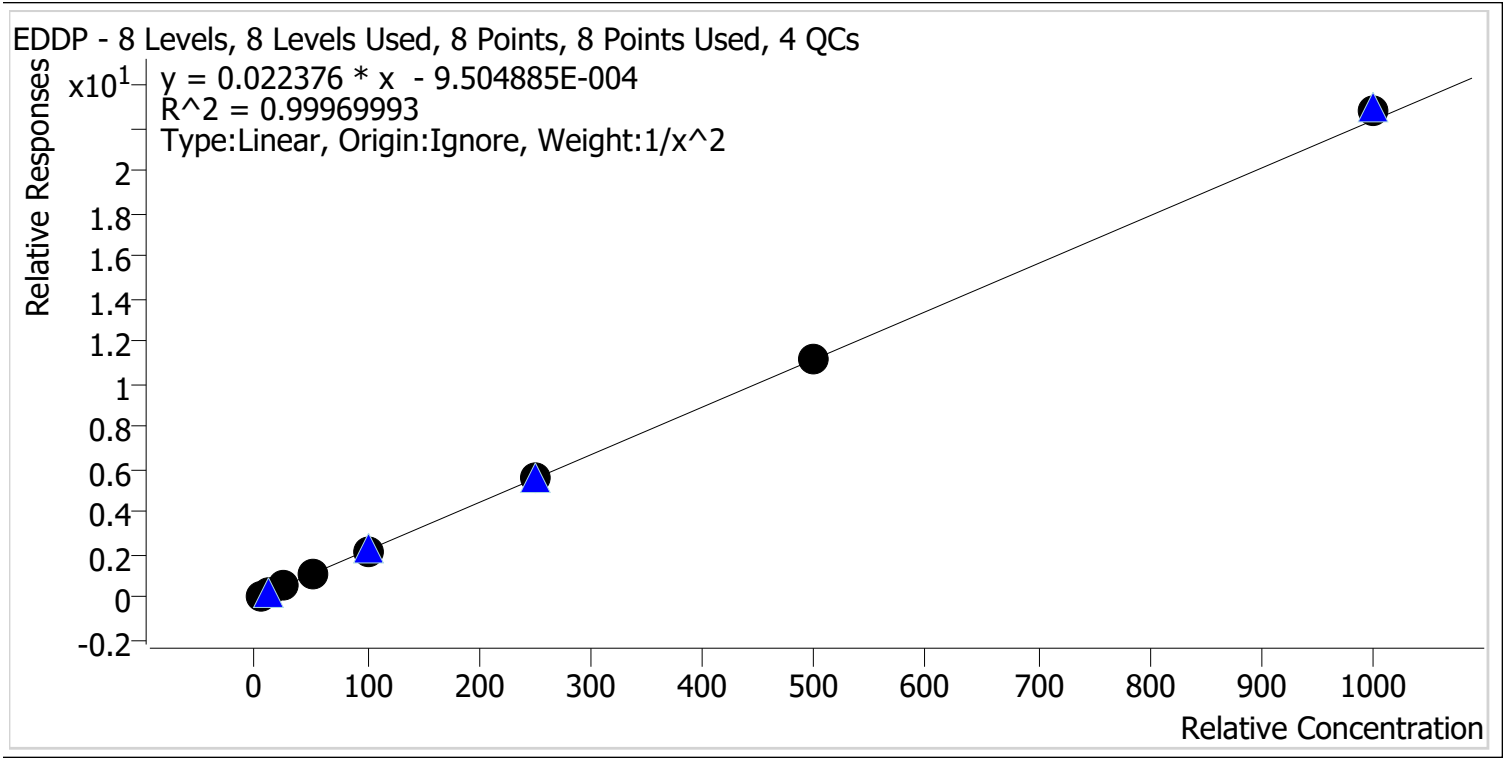


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.4
p1 Cal 2-10ng	2	✔	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✔	25.0	25.3	101.0
p1 Cal 4-50ng	4	✔	50.0	51.2	102.4
p1 Cal 5-100ng	5	✔	100.0	102.1	102.1
p1 Cal 6-250ng	6	✔	250.0	248.2	99.3
p1 Cal 7-500ng	7	✔	500.0	494.2	98.8
p1 Cal 8-1000ng	8	✔	1000.0	977.0	97.7

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte EDDP **Internal Standard** EDDP-D3

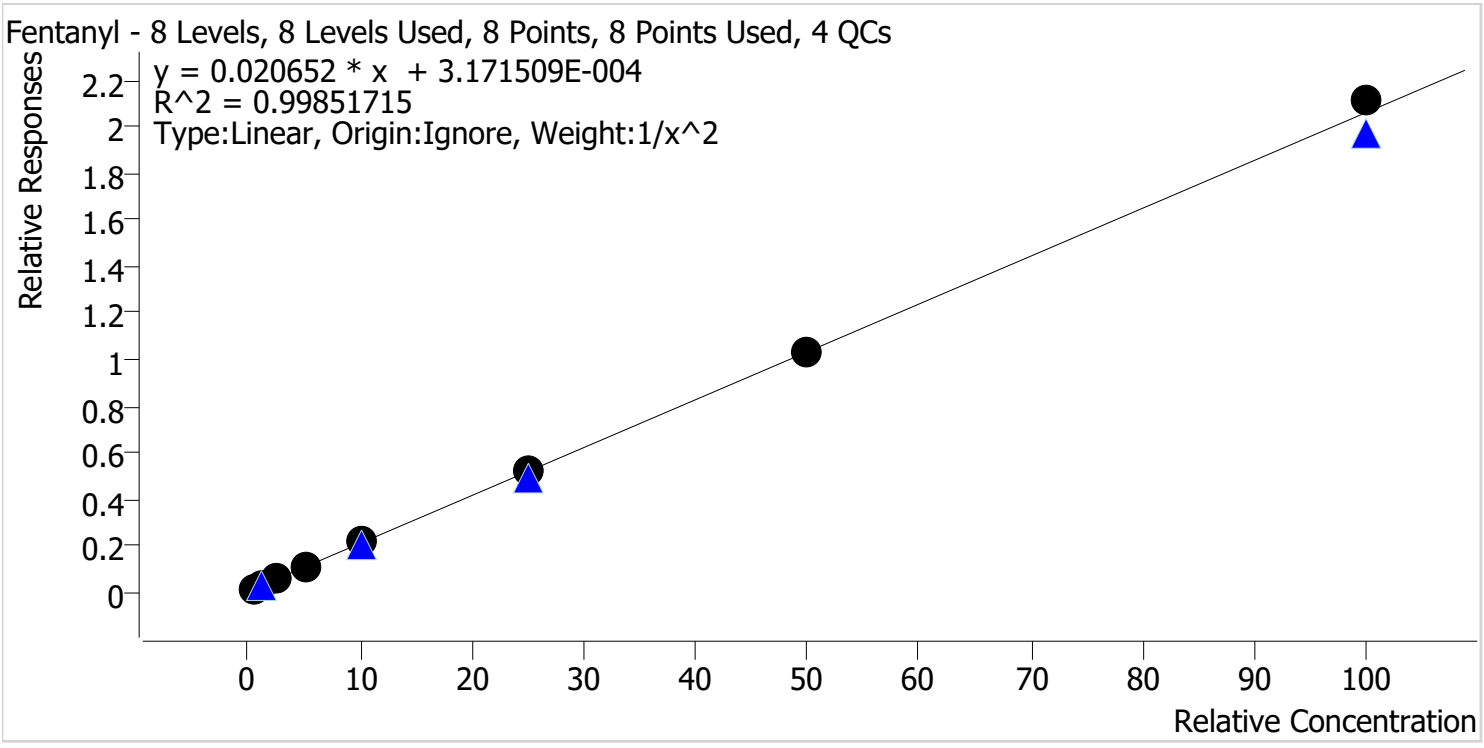


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.1	101.3
p1 Cal 2-10ng	2	✔	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✔	25.0	24.4	97.6
p1 Cal 4-50ng	4	✔	50.0	50.7	101.3
p1 Cal 5-100ng	5	✔	100.0	100.2	100.2
p1 Cal 6-250ng	6	✔	250.0	248.8	99.5
p1 Cal 7-500ng	7	✔	500.0	501.7	100.3
p1 Cal 8-1000ng	8	✔	1000.0	1016.7	101.7

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Fentanyl **Internal Standard** Fentanyl-D5

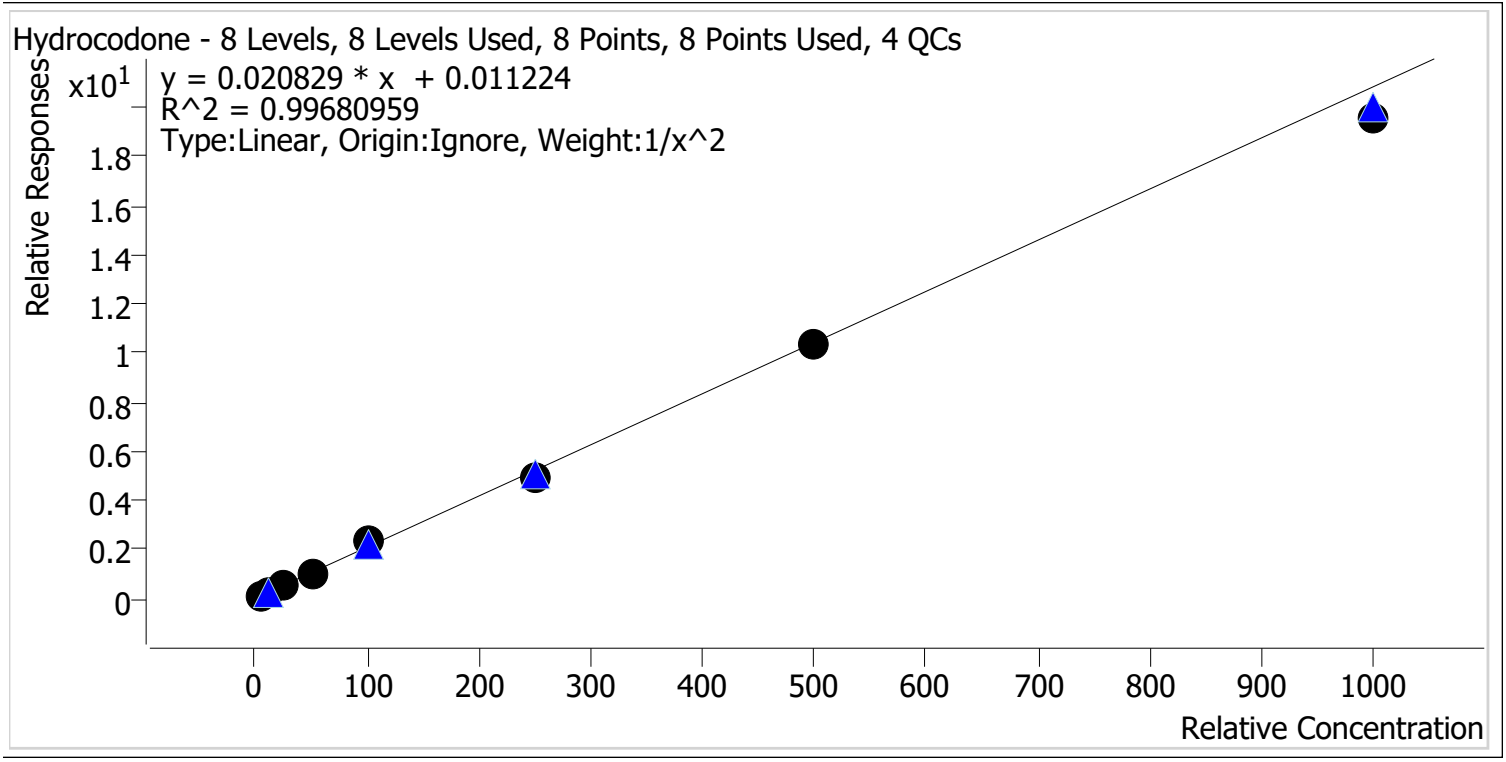


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	0.5	0.5	103.7
p1 Cal 2-10ng	2	✔	1.0	0.9	93.2
p1 Cal 3 -25ng	3	✔	2.5	2.5	98.4
p1 Cal 4-50ng	4	✔	5.0	4.9	98.3
p1 Cal 5-100ng	5	✔	10.0	10.2	102.2
p1 Cal 6-250ng	6	✔	25.0	25.4	101.5
p1 Cal 7-500ng	7	✔	50.0	50.1	100.1
p1 Cal 8-1000ng	8	✔	100.0	102.5	102.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

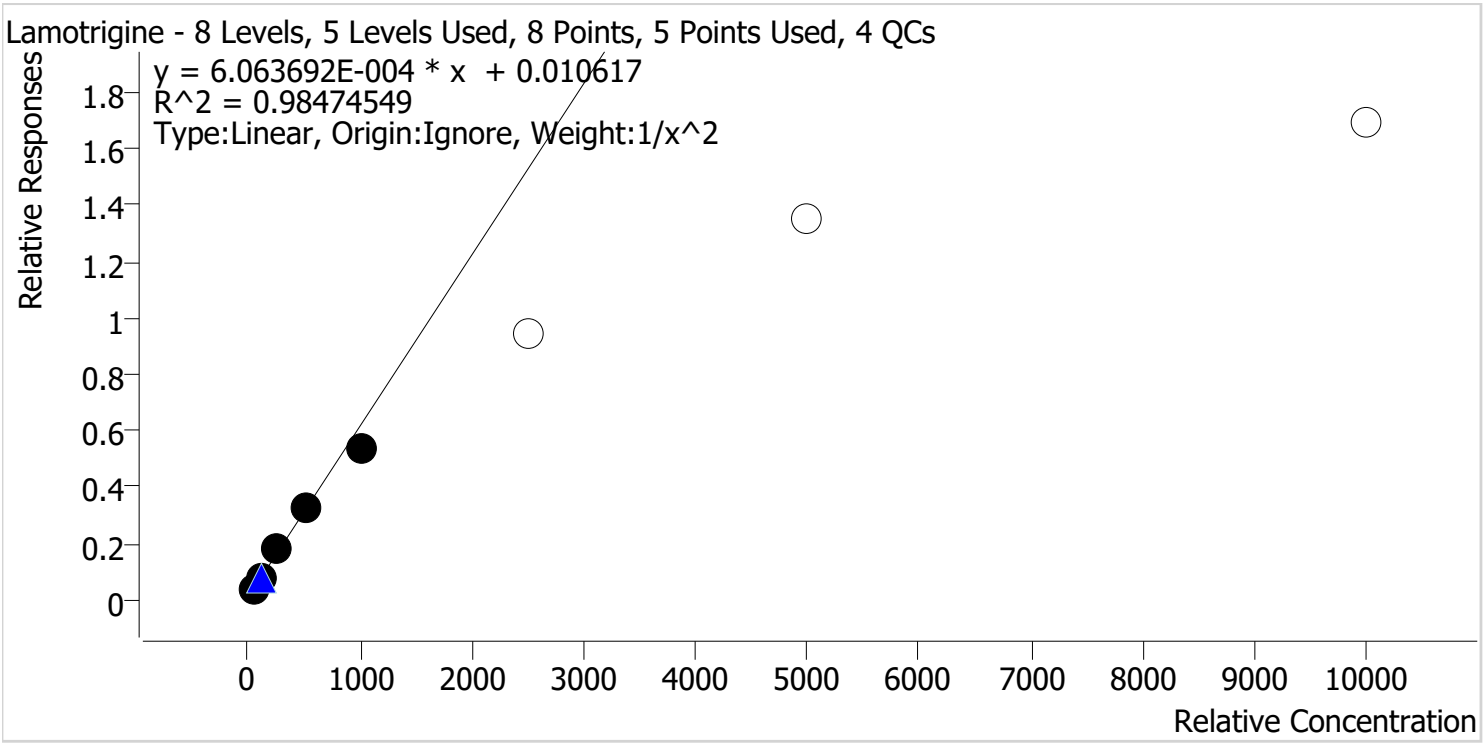


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.9	98.6
p1 Cal 2-10ng	2	✔	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✔	25.0	25.2	100.7
p1 Cal 4-50ng	4	✔	50.0	50.2	100.4
p1 Cal 5-100ng	5	✔	100.0	110.3	110.3
p1 Cal 6-250ng	6	✔	250.0	238.2	95.3
p1 Cal 7-500ng	7	✔	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✔	1000.0	941.9	94.2

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

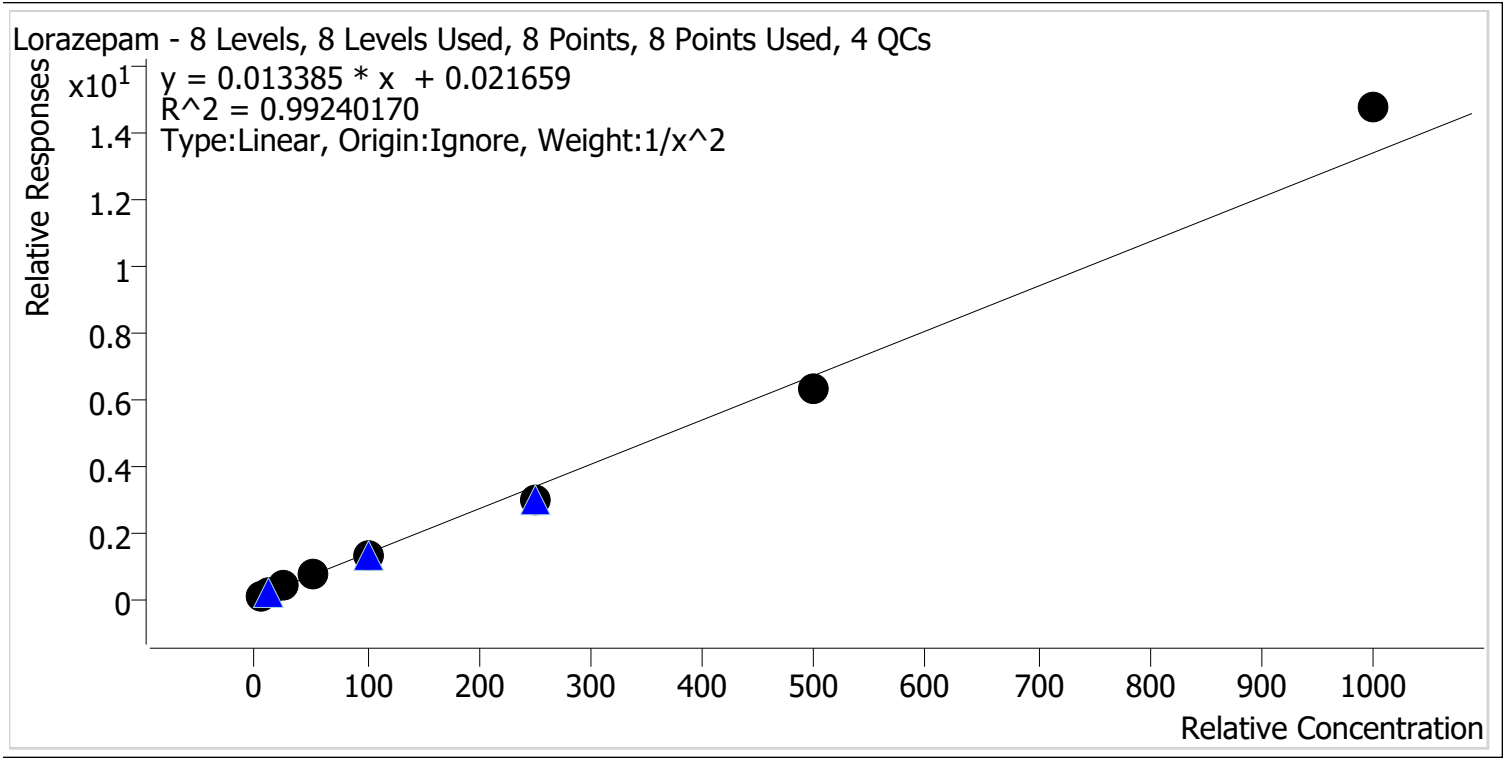


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	50.0	47.6	95.2
p1 Cal 2-10ng	2	✔	100.0	106.5	106.5
p1 Cal 3 -25ng	3	✔	250.0	275.3	110.1
p1 Cal 4-50ng	4	✔	500.0	510.9	102.2
p1 Cal 5-100ng	5	✔	1000.0	860.1	86.0
p1 Cal 6-250ng	6	✗	2500.0	1531.6	61.3
p1 Cal 7-500ng	7	✗	5000.0	2201.7	44.0
p1 Cal 8-1000ng	8	✗	10000.0	2777.9	27.8

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Lorazepam **Internal Standard** Oxazepam-D5

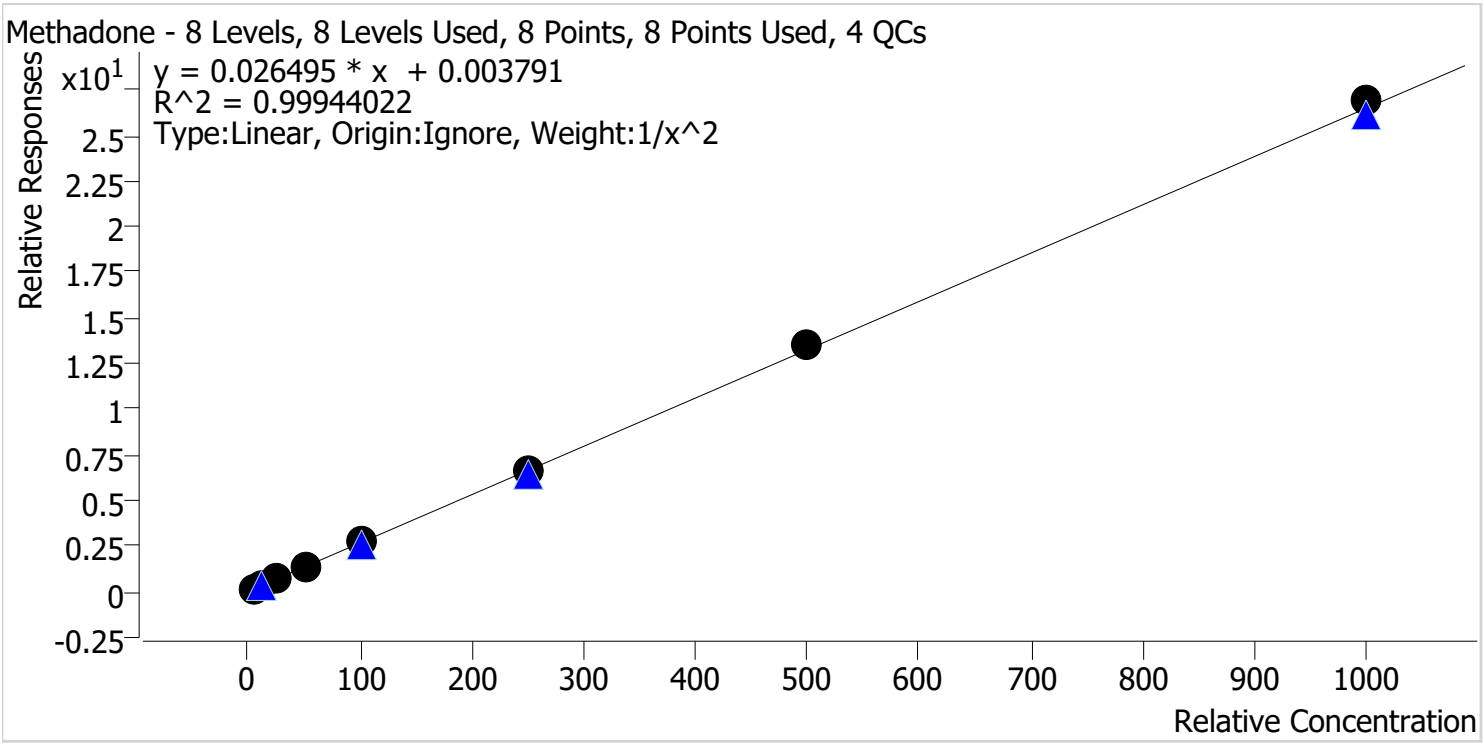


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	95.7
p1 Cal 2-10ng	2	✔	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✔	25.0	27.0	107.8
p1 Cal 4-50ng	4	✔	50.0	51.2	102.3
p1 Cal 5-100ng	5	✔	100.0	95.3	95.3
p1 Cal 6-250ng	6	✔	250.0	223.6	89.4
p1 Cal 7-500ng	7	✔	500.0	466.3	93.3
p1 Cal 8-1000ng	8	✔	1000.0	1101.7	110.2

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Methadone **Internal Standard** Methadone-D9

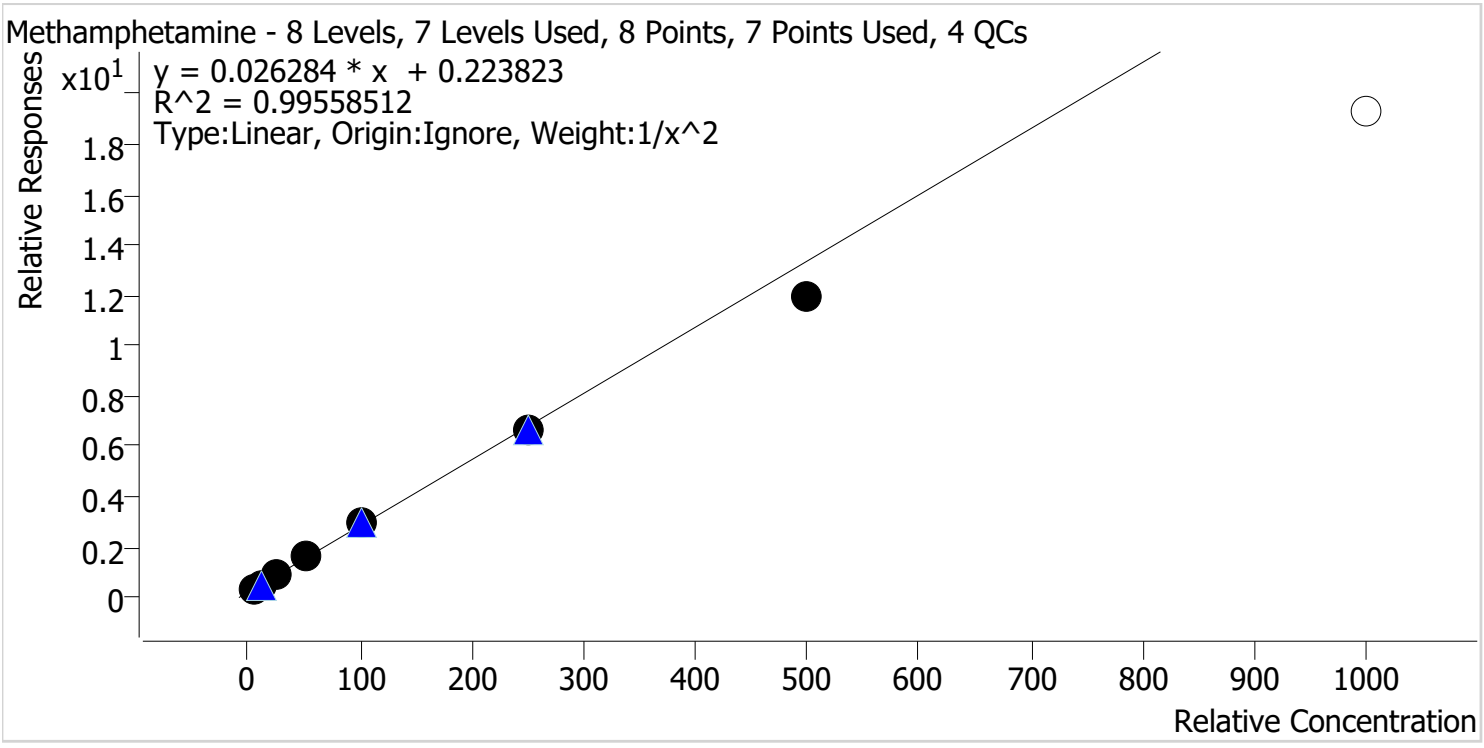


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.1	101.6
p1 Cal 2-10ng	2	✔	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✔	25.0	24.5	97.8
p1 Cal 4-50ng	4	✔	50.0	48.5	97.1
p1 Cal 5-100ng	5	✔	100.0	101.2	101.2
p1 Cal 6-250ng	6	✔	250.0	250.7	100.3
p1 Cal 7-500ng	7	✔	500.0	511.7	102.3
p1 Cal 8-1000ng	8	✔	1000.0	1015.9	101.6

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update	9/6/2024 1:11 PM
Analyst Name	ISP\tsalazar
Analyte	Methamphetamine
Internal Standard	Methamphetamine-D11

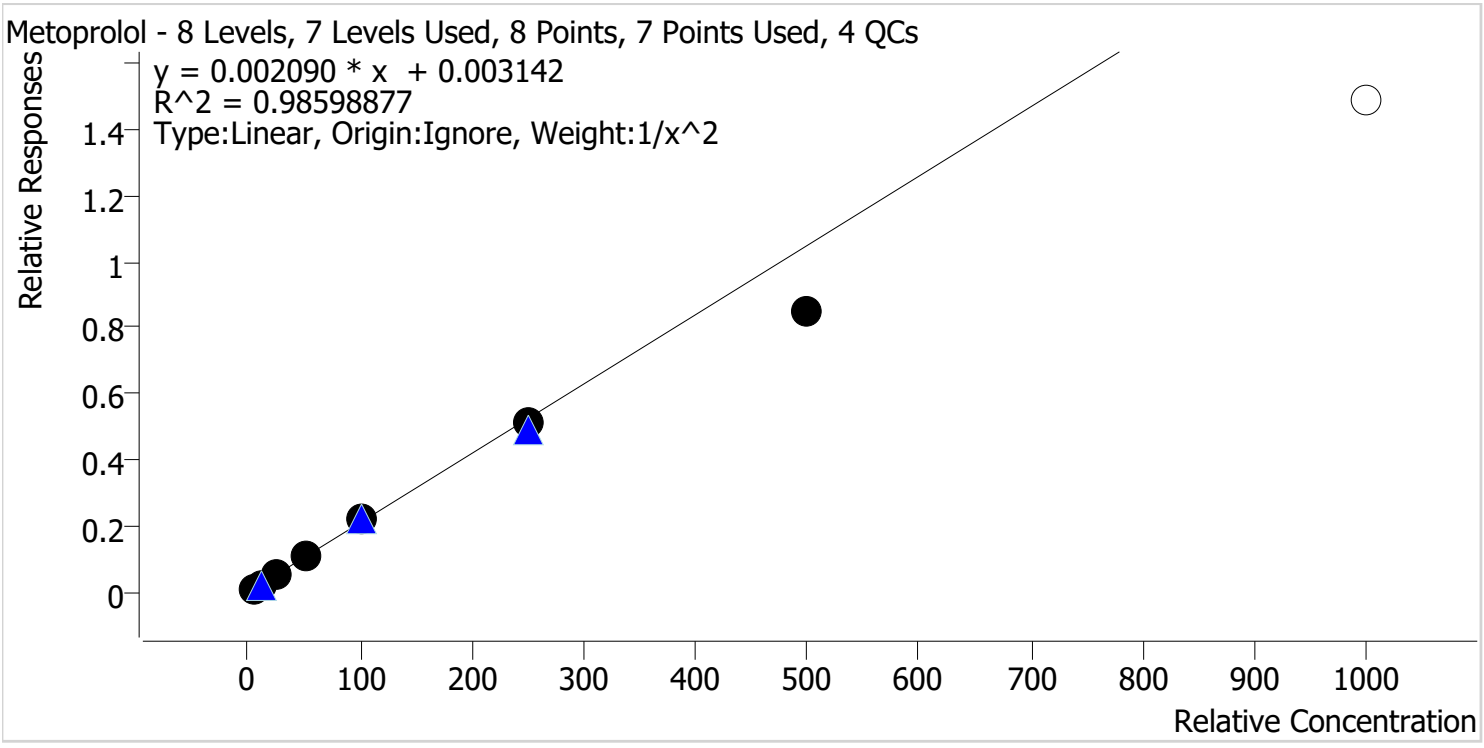


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.9	97.6
p1 Cal 2-10ng	2	✔	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✔	25.0	26.2	104.7
p1 Cal 4-50ng	4	✔	50.0	52.4	104.9
p1 Cal 5-100ng	5	✔	100.0	103.8	103.8
p1 Cal 6-250ng	6	✔	250.0	245.2	98.1
p1 Cal 7-500ng	7	✔	500.0	445.8	89.2
p1 Cal 8-1000ng	8	✗	1000.0	726.1	72.6

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

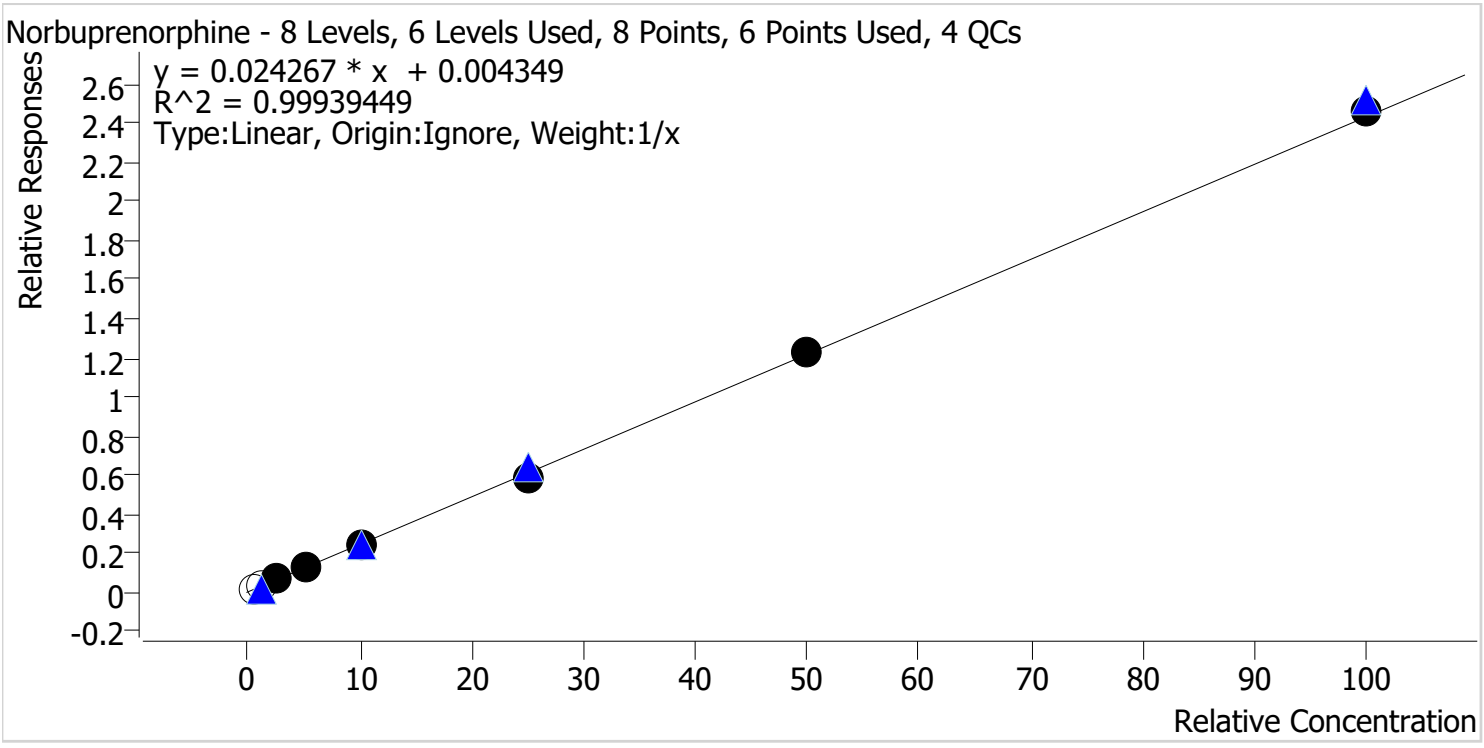


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.7	94.4
p1 Cal 2-10ng	2	✔	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✔	25.0	27.6	110.3
p1 Cal 4-50ng	4	✔	50.0	53.9	107.8
p1 Cal 5-100ng	5	✔	100.0	103.6	103.6
p1 Cal 6-250ng	6	✔	250.0	242.7	97.1
p1 Cal 7-500ng	7	✔	500.0	405.6	81.1
p1 Cal 8-1000ng	8	✗	1000.0	708.9	70.9

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update	9/6/2024 1:11 PM
Analyst Name	ISP\tsalazar
Analyte	Norbuprenorphine
Internal Standard	Norbuprenorphine-D3

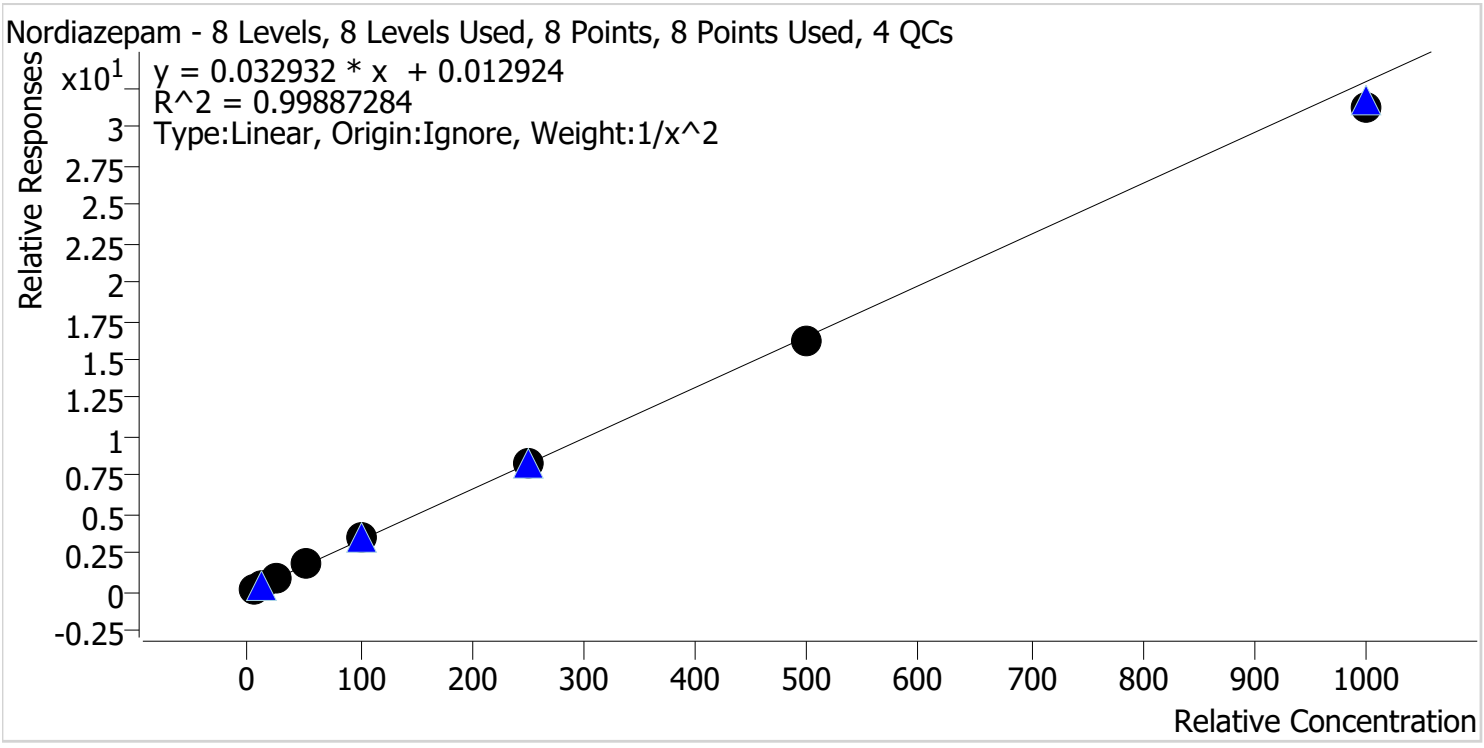


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✗	0.5	0.6	123.7
p1 Cal 2-10ng	2	✗	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✔	2.5	2.6	103.3
p1 Cal 4-50ng	4	✔	5.0	5.1	102.6
p1 Cal 5-100ng	5	✔	10.0	9.8	97.7
p1 Cal 6-250ng	6	✔	25.0	23.7	94.9
p1 Cal 7-500ng	7	✔	50.0	50.2	100.5
p1 Cal 8-1000ng	8	✔	100.0	101.1	101.1

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

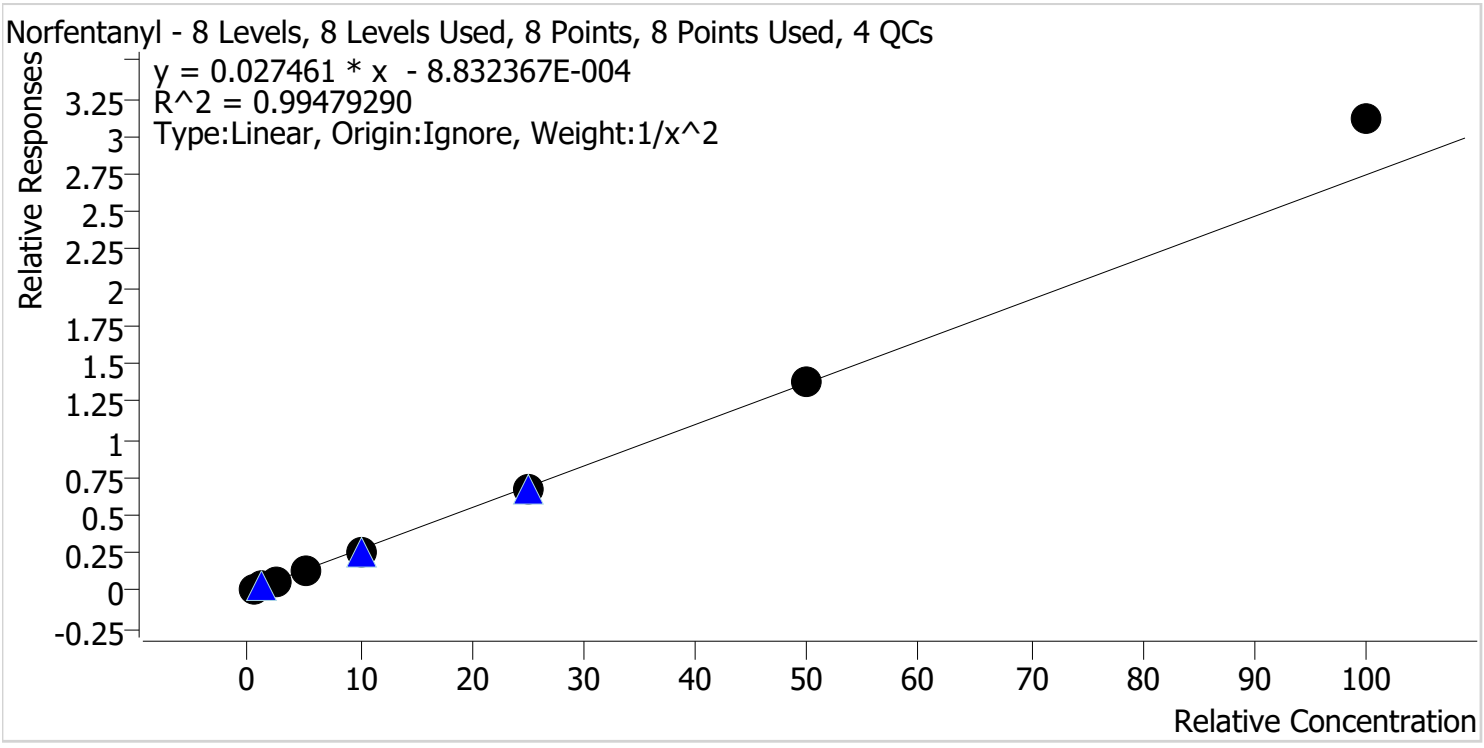


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	99.3
p1 Cal 2-10ng	2	✔	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✔	25.0	25.3	101.0
p1 Cal 4-50ng	4	✔	50.0	51.8	103.6
p1 Cal 5-100ng	5	✔	100.0	103.0	103.0
p1 Cal 6-250ng	6	✔	250.0	252.4	101.0
p1 Cal 7-500ng	7	✔	500.0	487.5	97.5
p1 Cal 8-1000ng	8	✔	1000.0	946.0	94.6

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

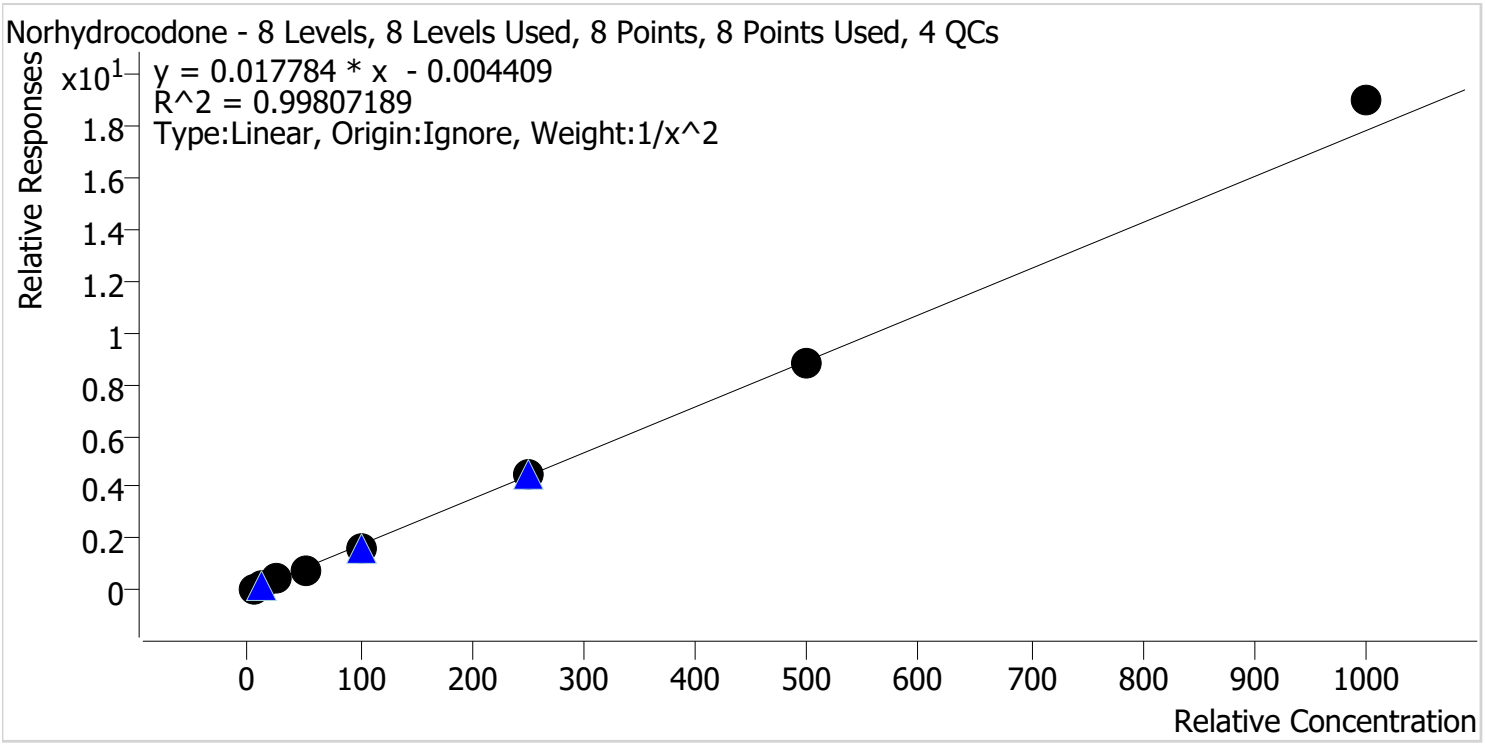


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	0.5	0.5	103.0
p1 Cal 2-10ng	2	✔	1.0	1.0	97.3
p1 Cal 3 -25ng	3	✔	2.5	2.4	95.0
p1 Cal 4-50ng	4	✔	5.0	4.7	94.5
p1 Cal 5-100ng	5	✔	10.0	9.7	96.9
p1 Cal 6-250ng	6	✔	25.0	24.6	98.3
p1 Cal 7-500ng	7	✔	50.0	50.5	101.1
p1 Cal 8-1000ng	8	✔	100.0	113.8	113.8

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

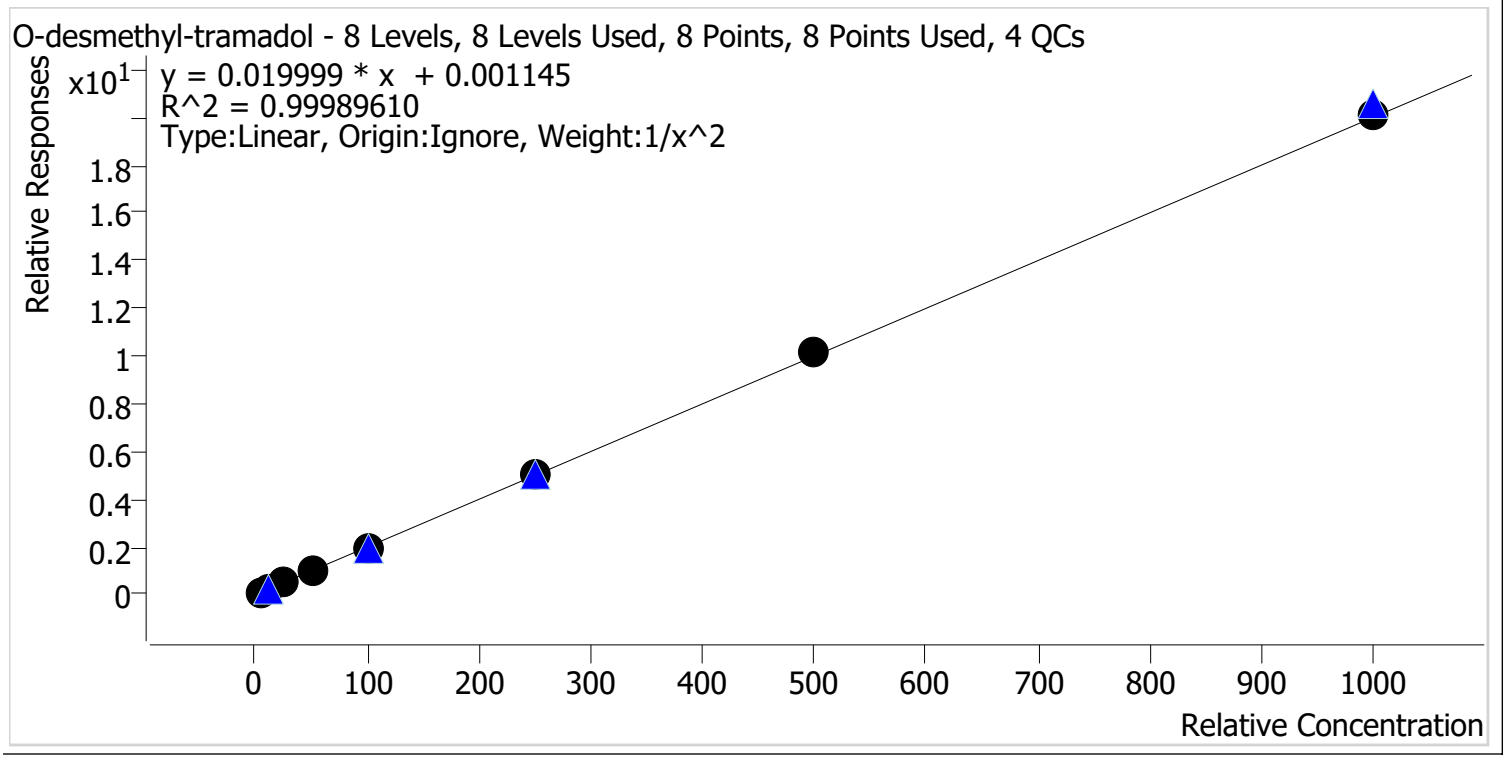


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.1
p1 Cal 2-10ng	2	✔	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✔	25.0	25.6	102.4
p1 Cal 4-50ng	4	✔	50.0	47.4	94.9
p1 Cal 5-100ng	5	✔	100.0	95.2	95.2
p1 Cal 6-250ng	6	✔	250.0	254.4	101.8
p1 Cal 7-500ng	7	✔	500.0	494.4	98.9
p1 Cal 8-1000ng	8	✔	1000.0	1065.0	106.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update	9/6/2024 1:11 PM
Analyst Name	ISP\tsalazar
Analyte	O-desmethyl-tramadol
Internal Standard	O-desmethyl-tramadol-D6

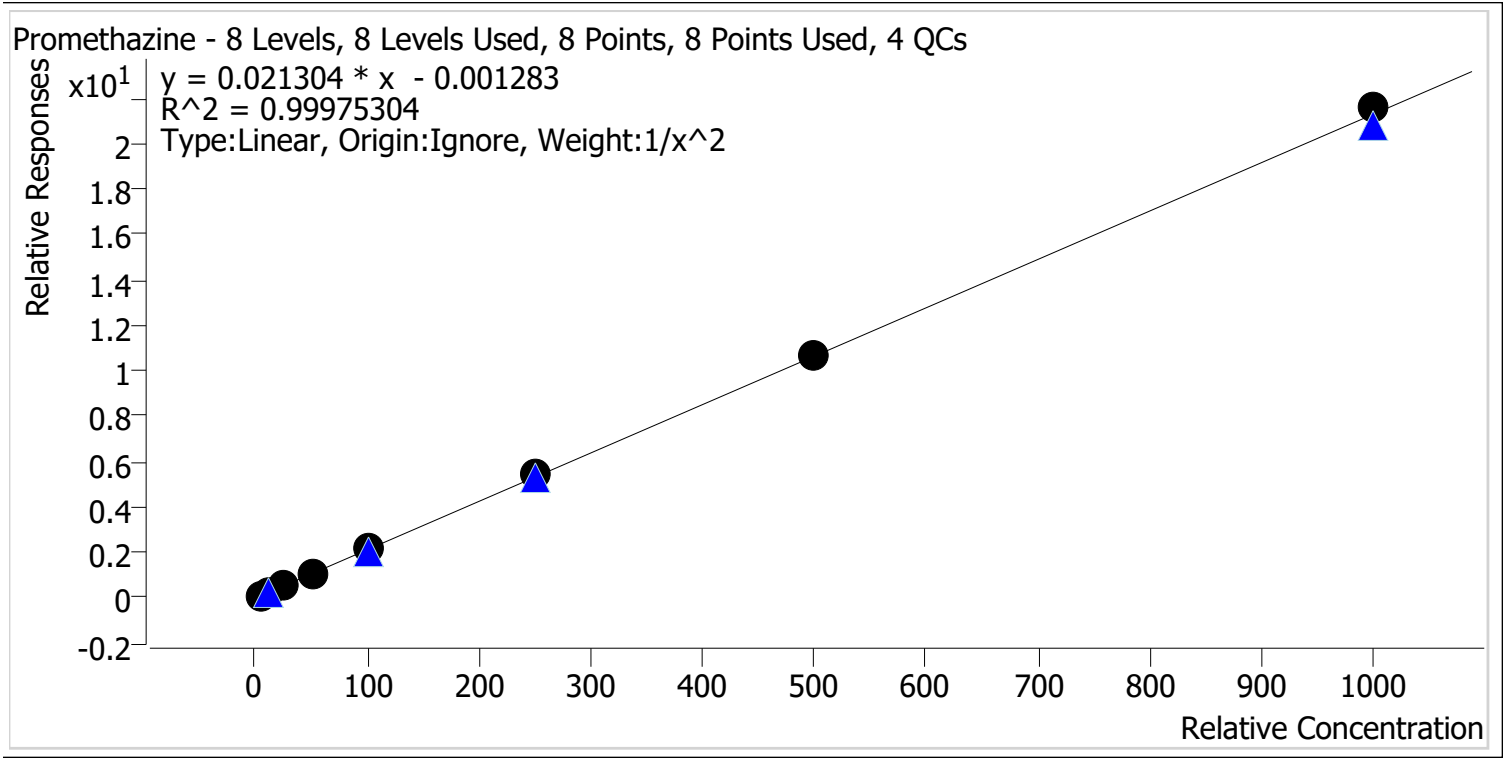


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.5
p1 Cal 2-10ng	2	✔	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✔	25.0	24.7	98.9
p1 Cal 4-50ng	4	✔	50.0	49.8	99.5
p1 Cal 5-100ng	5	✔	100.0	99.3	99.3
p1 Cal 6-250ng	6	✔	250.0	250.3	100.1
p1 Cal 7-500ng	7	✔	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✔	1000.0	1003.7	100.4

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Promethazine **Internal Standard** Promethazine-D3

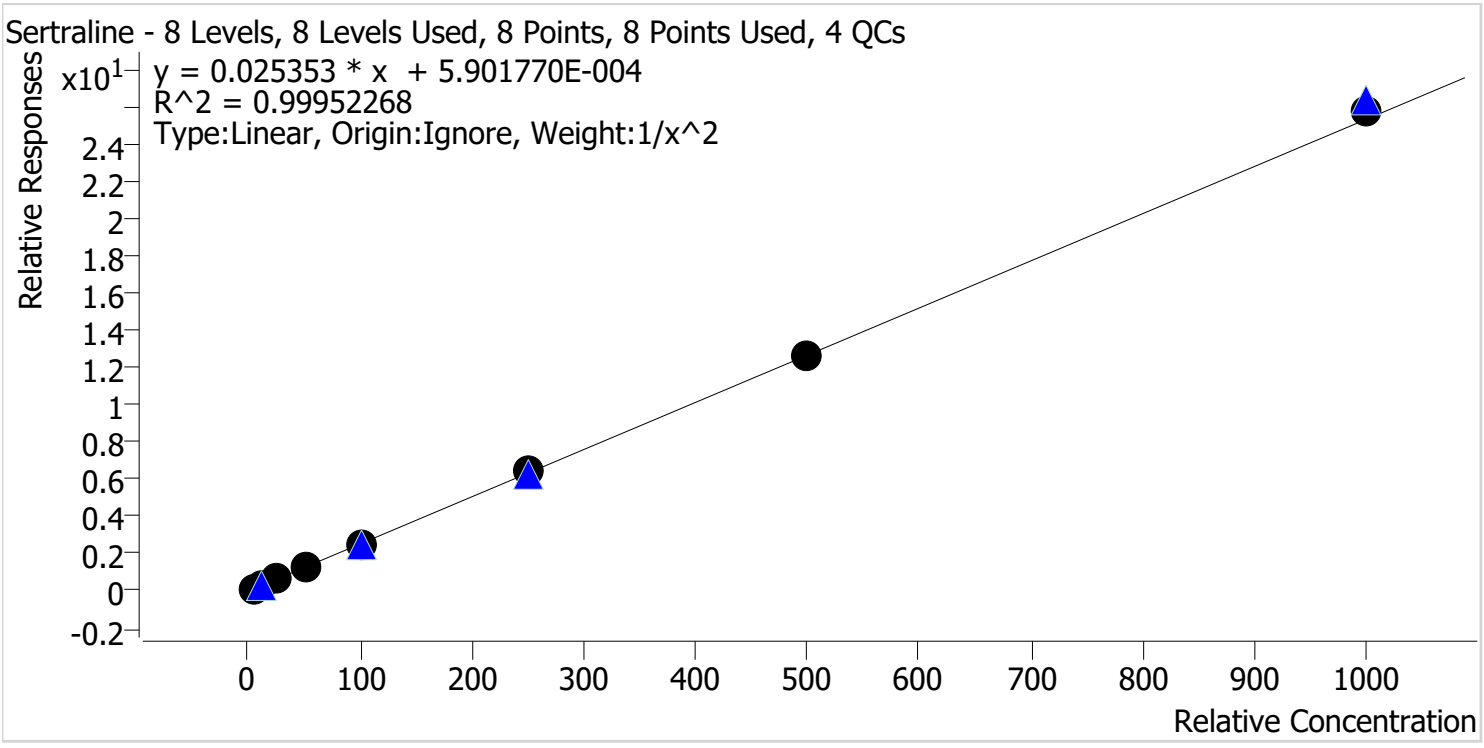


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.5
p1 Cal 2-10ng	2	✔	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✔	25.0	24.4	97.6
p1 Cal 4-50ng	4	✔	50.0	49.3	98.6
p1 Cal 5-100ng	5	✔	100.0	100.4	100.4
p1 Cal 6-250ng	6	✔	250.0	254.2	101.7
p1 Cal 7-500ng	7	✔	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✔	1000.0	1013.8	101.4

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Sertraline **Internal Standard** Sertraline-D3

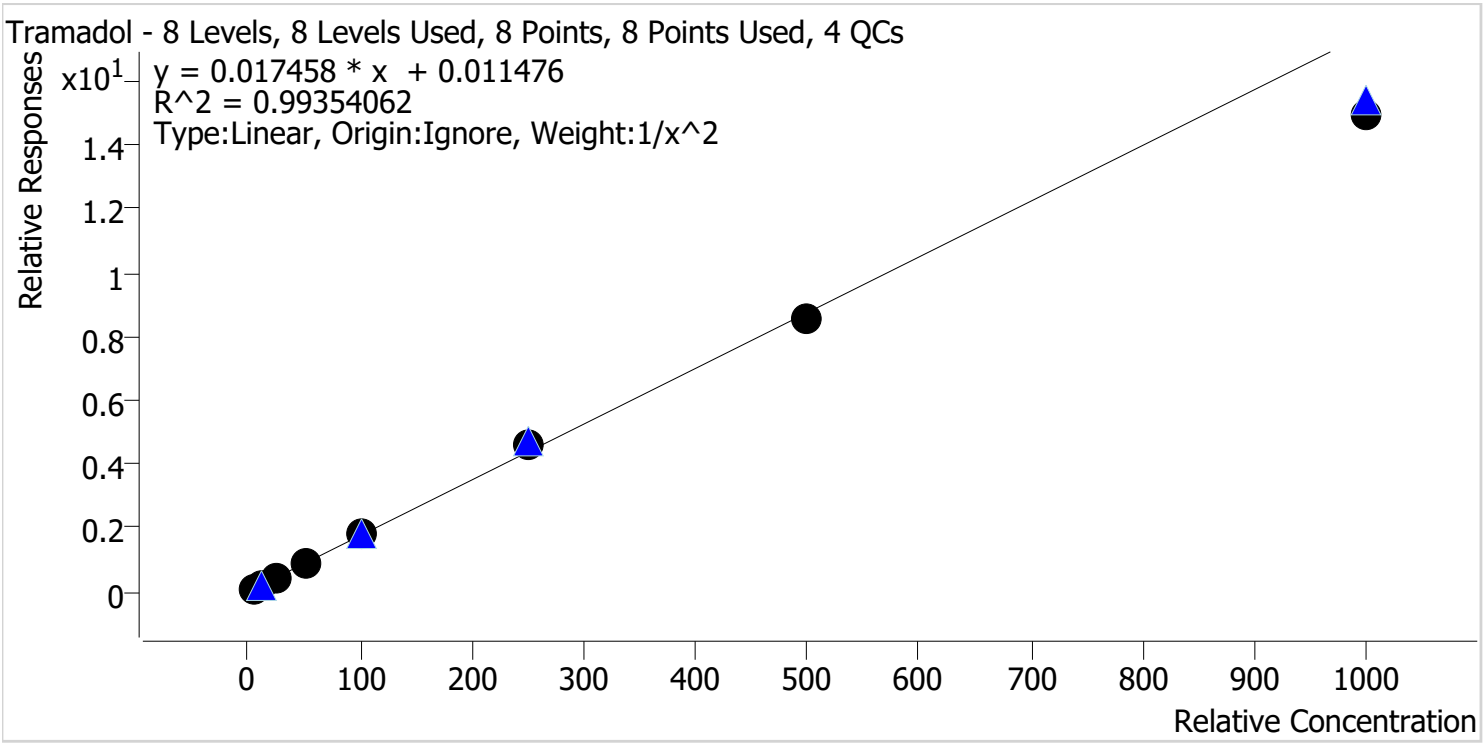


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	5.0	100.9
p1 Cal 2-10ng	2	✔	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✔	25.0	24.0	96.1
p1 Cal 4-50ng	4	✔	50.0	49.9	99.7
p1 Cal 5-100ng	5	✔	100.0	100.5	100.5
p1 Cal 6-250ng	6	✔	250.0	255.2	102.1
p1 Cal 7-500ng	7	✔	500.0	495.1	99.0
p1 Cal 8-1000ng	8	✔	1000.0	1019.5	101.9

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

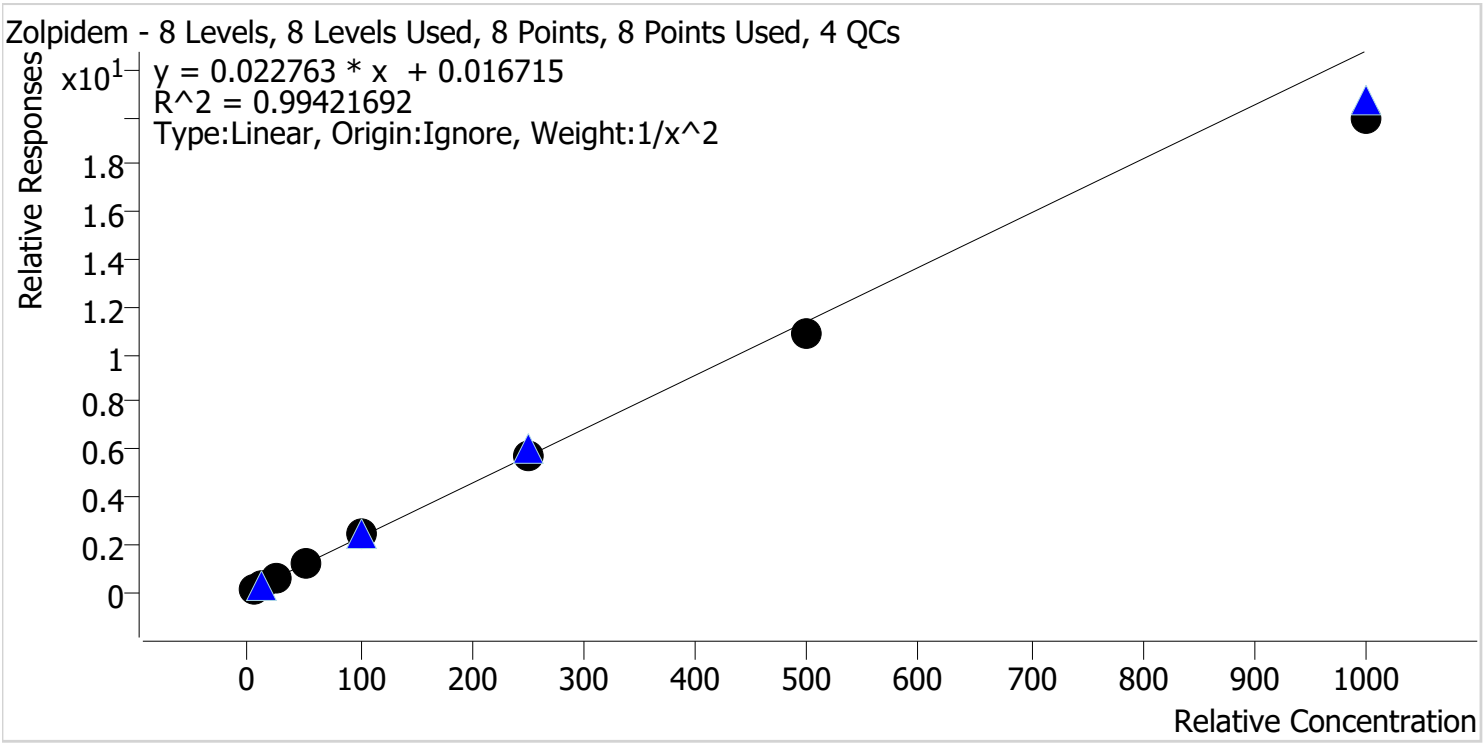


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	95.5
p1 Cal 2-10ng	2	✔	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✔	25.0	26.5	106.1
p1 Cal 4-50ng	4	✔	50.0	51.7	103.5
p1 Cal 5-100ng	5	✔	100.0	102.3	102.3
p1 Cal 6-250ng	6	✔	250.0	260.2	104.1
p1 Cal 7-500ng	7	✔	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✔	1000.0	854.6	85.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 9/6/2024 1:11 PM
Analyst Name ISP\tsalazar
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✔	5.0	4.8	96.3
p1 Cal 2-10ng	2	✔	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✔	25.0	26.2	104.8
p1 Cal 4-50ng	4	✔	50.0	53.7	107.5
p1 Cal 5-100ng	5	✔	100.0	104.9	104.9
p1 Cal 6-250ng	6	✔	250.0	249.0	99.6
p1 Cal 7-500ng	7	✔	500.0	478.6	95.7
p1 Cal 8-1000ng	8	✔	1000.0	874.5	87.5

TS

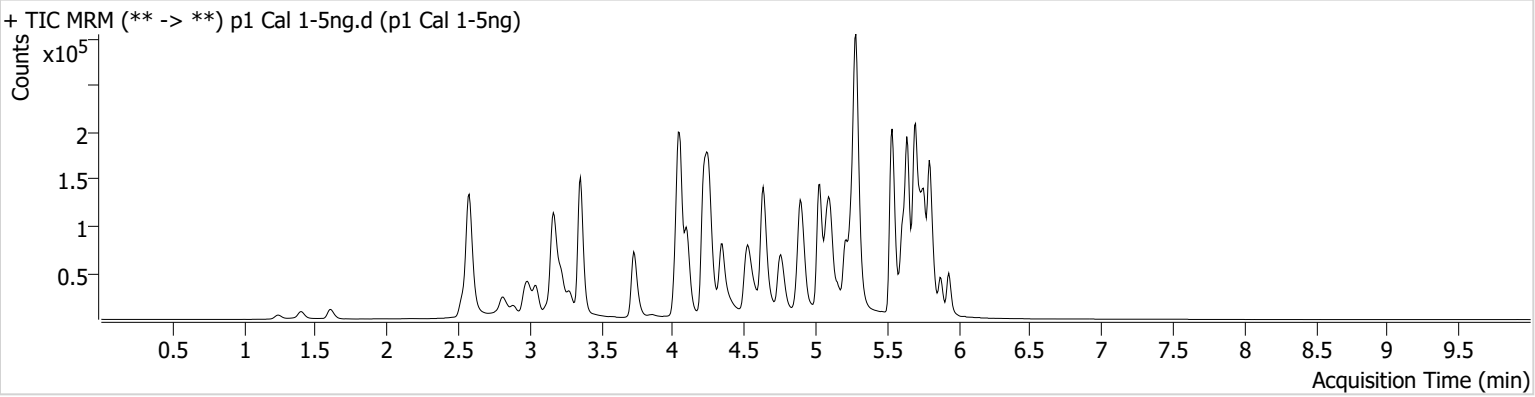
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/10/2024 1:40:47 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A1
Injection Volume 2
Acq. Date-Time 9/6/2024 12:59:14 AM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio		S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.258	6408	14831.55	78.3		9353.72	46889	4.7753 ng/ml
Alprazolam	5.762	13512	198.10	109.0		229.04	98086	4.8776 ng/ml
Amphetamine	3.047	36870	2943.69	52.7		1422.85	100302	4.7940 ng/ml
Benzoylecgonine	3.876	656	19.75	34.2		93.22	4280	4.8994 ng/ml
Bromazolam	5.800	10749	3218.53	115.9		754.10	50801	4.9650 ng/ml
Buprenorphine	5.847	771	160.19	16.5		141.12	51860	0.8902 ng/ml
Clonazepam	5.604	14711	770.29	37.0		244.12	38141	4.8096 ng/ml
Diazepam	5.940	9352	235.66	95.8		1173.93	77424	4.9223 ng/ml
Dihydrocodeine	2.561	5659	21684.51	63.2		4485.35	53536	4.8281 ng/ml
Diphenhydramine	5.285	57175	5941.45	34.0		17946.37	633694	5.0372 ng/ml
Doxylamine	4.539	42038	24871.84	101.6		14227.66	326710	5.0186 ng/ml
EDDP	5.256	17629	881.46	43.6		4967.45	156928	5.0631 ng/ml
Fentanyl	5.096	2481	51.29	68.6		3061.64	224953	0.5186 ng/ml
Hydrocodone	3.023	7590	32.06	37.6		44.54	66616	4.9312 ng/ml
Lamotrigine	4.266	15320	1819.93	87.4		22248.78	387992	47.6089 ng/ml
Lorazepam	5.733	11851	198.13	46.0		74.50	138306	4.7838 ng/ml
MDA	3.194	26105	1257.07	29.1		1860.31	144644	4.8202 ng/ml
MDMA	3.289	16687	13492.70	85.1		222.41	34845	5.0013 ng/ml
Methadone	5.645	41084	1669.30	49.3		3408.64	296770	5.0819 ng/ml
Methamphetamine	3.222	78701	3417.87	38.5		785.61	223511	4.8809 ng/ml
Metoprolol	4.306	4569	3071.51	101.2		2996.17	351286	4.7194 ng/ml
Norbuprenorphine	4.979	171	161.98	55.3	**Low**	79.59	8824	0.6186 ng/ml
Nordiazepam	5.880	11350	713.34	57.2		373.94	64360	4.9628 ng/ml
Norfentanyl	4.069	3611	∞	39.7		48.33	272345	0.5150 ng/ml
Norhydrocodone	3.064	1823	51.52	44.6		76.50	21549	5.0047 ng/ml
O-desmethyl-tramadol	3.362	37420	360.60	6.3		110.18	368214	5.0244 ng/ml
Promethazine	5.537	38228	10948.57	31.1		796.72	361349	5.0260 ng/ml
Sertraline	5.762	11098	2041.42	91.3		10623.82	86377	5.0446 ng/ml
Tramadol	4.232	33302	878.29	4.0		87.96	351286	4.7728 ng/ml
Xylazine	4.070	13376	573.68	48.7		277.85	114729	4.9757 ng/ml
Zolpidem	4.920	35412	38816.45	30.8		11390.81	280343	4.8149 ng/ml

TS

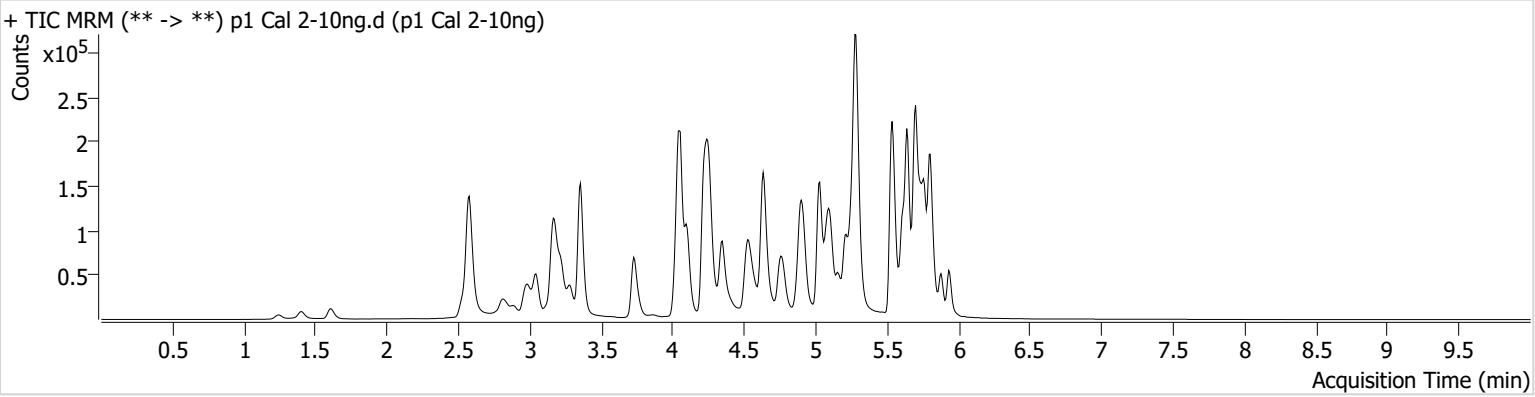
AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B1
Injection Volume 2
Acq. Date-Time 9/6/2024 1:10:03 AM
Sample Info.

Data File p1 Cal 2-10ng.d
Sample p1 Cal 2-10ng
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.258	11870	2897.49	77.9	2081.99	45726	10.6332 ng/ml
Alprazolam	5.762	26454	769.89	104.5	484.10	94188	10.3381 ng/ml
Amphetamine	3.047	65243	1259.79	52.1	163.95	94100	10.4946 ng/ml
Benzoylecgonine	3.876	1305	151.24	35.2	4725.77	4120	10.4395 ng/ml
Bromazolam	5.800	19726	335.77	120.0	28817.57	49156	9.9907 ng/ml
Buprenorphine	5.847	1382	126.53	15.5	365.87	48854	1.3158 ng/ml
Clonazepam	5.604	27671	2062.38	37.3	452.48	37163	10.1847 ng/ml
Diazepam	5.940	18117	457.32	93.5	2246.85	73964	10.1380 ng/ml
Dihydrocodeine	2.561	10351	24871.98	64.6	9132.31	49668	10.2812 ng/ml
Diphenhydramine	5.285	107603	13060.10	34.0	3190.85	601911	9.9350 ng/ml
Doxylamine	4.539	78620	56.83	93.4	303.89	300439	9.8230 ng/ml
EDDP	5.257	29505	149.35	43.3	10213.71	134913	9.8164 ng/ml
Fentanyl	5.097	4165	42.10	78.4	1074.17	212794	0.9324 ng/ml
Hydrocodone	3.023	13804	117.41	38.6	81.72	61940	10.1608 ng/ml
Lamotrigine	4.266	27536	224.93	90.9	612.84	366235	106.4853 ng/ml
Lorazepam	5.733	21584	1243.37	50.3	195.71	132021	10.5967 ng/ml
MDA	3.187	48069	1512.23	28.8	801.08	136364	10.2920 ng/ml
MDMA	3.289	31189	650.39	85.7	1200.52	32846	10.0228 ng/ml
Methadone	5.645	74839	6520.26	49.2	742.66	284159	9.7972 ng/ml
Methamphetamine	3.222	103646	299.07	39.3	194.88	210886	10.1831 ng/ml
Metoprolol	4.306	8512	594.89	101.5	1799.81	337362	10.5659 ng/ml
Norbuprenorphine	4.979	240	165.46	95.7	1259.16	8297	1.0124 ng/ml
Nordiazepam	5.887	20970	12624.19	61.0	8227.96	61194	10.0135 ng/ml
Norfentanyl	4.069	6524	14425.51	40.0	91.06	252401	0.9734 ng/ml
Norhydrocodone	3.064	3609	83.78	43.2	97.81	20759	10.0226 ng/ml
O-desmethyl-tramadol	3.362	68147	598.53	6.6	202.09	340220	9.9585 ng/ml
Promethazine	5.537	72717	23290.34	30.4	855.23	343105	10.0084 ng/ml
Sertraline	5.769	20546	754.41	90.1	3217.12	81114	9.9676 ng/ml
Tramadol	4.232	66170	5665.30	3.9	37.18	337362	10.5774 ng/ml
Xylazine	4.070	25554	14610.94	48.4	153.24	108147	10.1394 ng/ml
Zolpidem	4.920	66808	45240.85	29.5	730.51	264273	10.3714 ng/ml

TS

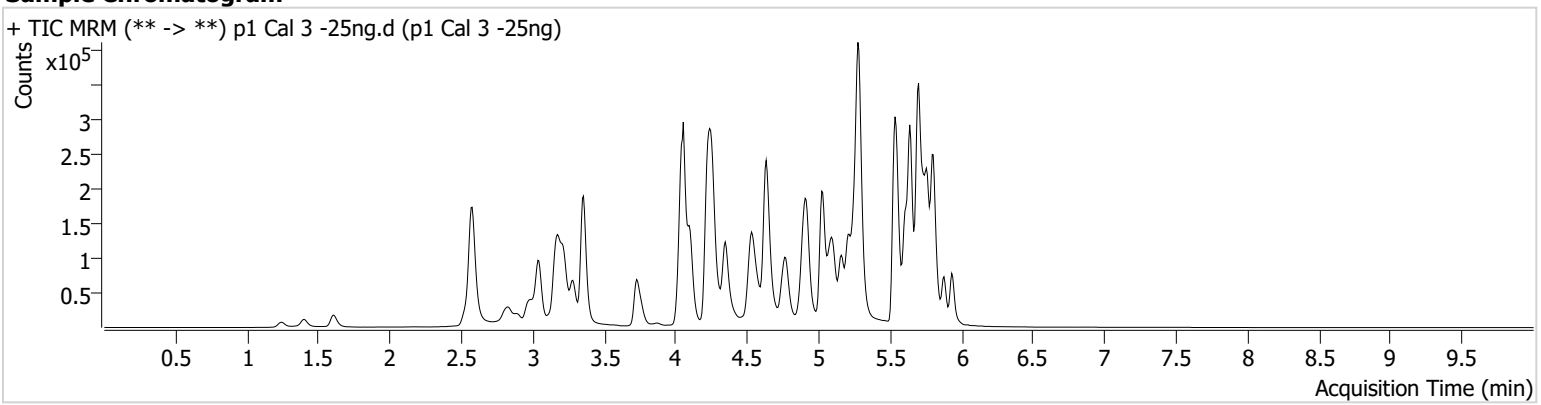
AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C1
Injection Volume 2
Acq. Date-Time 9/6/2024 1:20:41 AM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.251	24916	8903.03	77.7	16307.90	40820	27.3518 ng/ml
Alprazolam	5.762	61887	985.18	108.1	671.22	91482	25.4336 ng/ml
Amphetamine	3.047	148116	11081.33	53.1	2836.61	92569	26.3623 ng/ml
Benzoylecgonine	3.876	2962	273.78	35.1	152.35	3955	25.0804 ng/ml
Bromazolam	5.800	46109	58.35	119.7	52748.66	46810	25.4552 ng/ml
Buprenorphine	5.847	3208	193.98	16.3	372.58	47440	2.5631 ng/ml
Clonazepam	5.597	66212	887.72	35.9	524.28	34853	27.4871 ng/ml
Diazepam	5.940	44756	1218.23	90.9	1141.85	72818	25.6695 ng/ml
Dihydrocodeine	2.554	24778	25597.59	64.2	28385.90	47661	26.8175 ng/ml
Diphenhydramine	5.285	259612	58004.75	34.4	351.77	584204	24.6274 ng/ml
Doxylamine	4.539	208196	104054.72	97.2	81273.84	302234	25.2522 ng/ml
EDDP	5.250	72284	198.03	43.3	25581.26	132672	24.3915 ng/ml
Fentanyl	5.090	10764	4606.32	69.2	151.54	210617	2.4593 ng/ml
Hydrocodone	3.023	32126	110.79	38.6	579.83	59954	25.1872 ng/ml
Lamotrigine	4.266	63215	34760.79	88.9	32374.30	356090	275.2580 ng/ml
Lorazepam	5.733	47662	1261.47	50.9	308.97	124602	26.9604 ng/ml
MDA	3.188	112685	222.54	28.3	1780.39	128924	26.8810 ng/ml
MDMA	3.282	75407	59903.25	88.0	1149.08	32192	24.8841 ng/ml
Methadone	5.645	180967	5760.97	50.7	13403.13	277593	24.4618 ng/ml
Methamphetamine	3.222	189316	1480.23	38.7	6099.24	207621	26.1758 ng/ml
Metoprolol	4.306	20475	1373.51	102.6	3793.09	336739	27.5826 ng/ml
Norbuprenorphine	4.979	535	960.41	95.5	538.92	7982	2.5813 ng/ml
Nordiazepam	5.880	50575	124935.05	58.2	2942.06	59880	25.2548 ng/ml
Norfentanyl	4.069	15456	26100.32	39.1	111.73	240330	2.3741 ng/ml
Norhydrocodone	3.057	8704	184.50	40.3	104.97	19296	25.6109 ng/ml
O-desmethyl-tramadol	3.355	167867	763.38	6.4	5974.16	338673	24.7273 ng/ml
Promethazine	5.537	175415	2986.16	30.6	1530.13	338389	24.3928 ng/ml
Sertraline	5.769	47345	3499.28	91.4	1166.50	77613	24.0374 ng/ml
Tramadol	4.232	159742	∞	3.8	57.42	336739	26.5150 ng/ml
Xylazine	4.070	60280	17236.43	48.5	132.75	104949	24.7241 ng/ml
Zolpidem	4.920	160258	676.16	30.1	1178.75	261328	26.2064 ng/ml

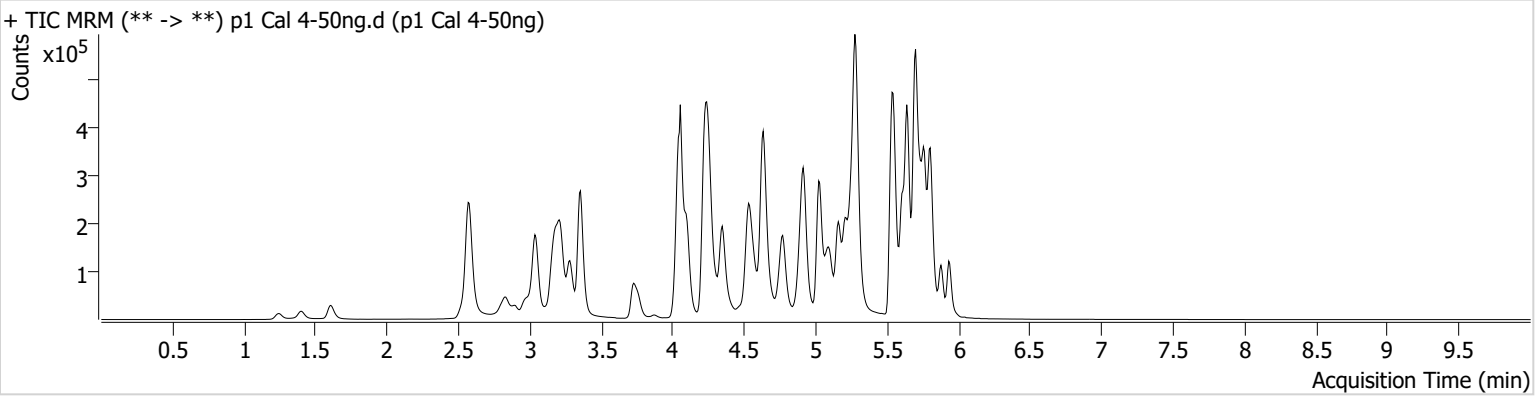
TS

AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument	Falco (069901)	**Data File**	p1 Cal 4-50ng.d
Type	Cal	**Sample**	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P6-D1	**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	9/6/2024 1:31:20 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.251	43800	6246.94	79.2	6578.79	40276	50.0889 ng/ml
Alprazolam	5.762	124765	1008.44	106.5	556.92	92440	51.1190 ng/ml
Amphetamine	3.040	306649	152.79	51.3	161.69	97244	53.5456 ng/ml
Benzoylecgonine	3.869	6298	317.29	36.9	148.96	4341	48.8603 ng/ml
Bromazolam	5.800	89788	133112.20	120.2	142921.40	45679	51.4346 ng/ml
Buprenorphine	5.847	7192	1774.73	14.4	567.35	50650	4.9220 ng/ml
Clonazepam	5.597	126057	16725.65	36.8	23404.84	33951	54.6439 ng/ml
Diazepam	5.940	91852	755.33	91.2	1575.34	75091	51.2381 ng/ml
Dihydrocodeine	2.554	51054	1836.86	62.9	588.02	50260	53.1463 ng/ml
Diphenhydramine	5.285	541343	62418.13	33.8	509.27	606138	49.4478 ng/ml
Doxylamine	4.539	440451	64256.87	97.9	204628.23	312878	51.2179 ng/ml
EDDP	5.250	146197	1091.90	42.6	493.83	129071	50.6637 ng/ml
Fentanyl	5.090	22996	372.69	71.8	25122.24	225744	4.9173 ng/ml
Hydrocodone	3.016	67548	111.03	39.6	107.27	63906	50.2076 ng/ml
Lamotrigine	4.266	114288	111780.38	88.7	126809.76	356678	510.9197 ng/ml
Lorazepam	5.733	81451	7781.23	53.1	1138.08	115278	51.1705 ng/ml
MDA	3.187	219465	3816.83	28.8	544.08	128675	53.3302 ng/ml
MDMA	3.282	154535	5707.20	86.7	339.17	33207	49.5440 ng/ml
Methadone	5.645	377348	541.94	49.2	413.42	292523	48.5440 ng/ml
Methamphetamine	3.222	346921	746.49	39.2	10051.90	216575	52.4280 ng/ml
Metoprolol	4.306	41422	2673.61	105.2	2771.52	357526	53.9189 ng/ml
Norbuprenorphine	4.979	1096	1027.55	82.4	495.58	8502	5.1323 ng/ml
Nordiazepam	5.880	101817	2015.71	58.1	663.98	59245	51.7936 ng/ml
Norfentanyl	4.062	31216	23797.64	38.4	2042.82	242165	4.7262 ng/ml
Norhydrocodone	3.057	17155	1018.03	43.2	418.70	20446	47.4271 ng/ml
O-desmethyl-tramadol	3.355	351099	46515.37	6.4	∞	352362	49.7666 ng/ml
Promethazine	5.537	373872	24800.40	30.0	956.65	356236	49.3233 ng/ml
Sertraline	5.762	103844	413.33	88.0	23155.70	82106	49.8616 ng/ml
Tramadol	4.225	326998	∞	3.8	123.16	357526	51.7314 ng/ml
Xylazine	4.070	124694	33116.02	49.4	2256.31	108669	49.4468 ng/ml
Zolpidem	4.920	339124	584.86	29.5	1282.22	273526	53.7329 ng/ml

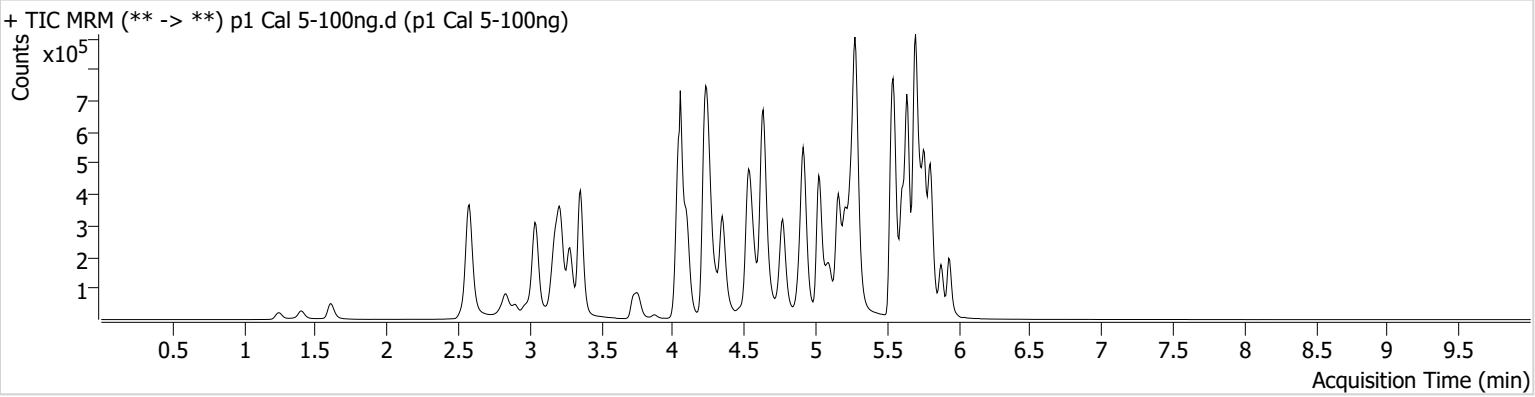
TS

AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument	Falco (069901)	**Data File**	p1 Cal 5-100ng.d
Type	Cal	**Sample**	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P6-E1	**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	9/6/2024 1:41:59 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	60421	336.82	80.0	2269.07	31883	88.5769 ng/ml
Alprazolam	5.762	241670	5065.39	102.9	684.30	87761	104.6914 ng/ml
Amphetamine	3.040	575502	41168.65	51.5	143.83	95493	103.8281 ng/ml
Benzoylecgonine	3.876	13142	761.40	35.7	369.04	4409	100.7029 ng/ml
Bromazolam	5.800	159152	208443.32	117.6	311548.73	41192	101.7180 ng/ml
Buprenorphine	5.847	14341	1049.46	15.8	1031.86	50861	9.3609 ng/ml
Clonazepam	5.597	217550	26843.07	37.1	1731.36	30749	105.0036 ng/ml
Diazepam	5.940	176236	400.15	91.2	2536.16	72231	102.3545 ng/ml
Dihydrocodeine	2.554	98112	41337.92	64.7	353.71	50252	102.8710 ng/ml
Diphenhydramine	5.285	1071199	1920.24	33.9	13608.86	595709	99.5121 ng/ml
Doxylamine	4.539	955072	271.37	97.8	65106.83	339041	102.1193 ng/ml
EDDP	5.250	290641	16891.78	42.6	31533.84	129746	100.1542 ng/ml
Fentanyl	5.090	47951	∞	73.9	462.64	226835	10.2205 ng/ml
Hydrocodone	3.016	138690	543.58	38.0	76.86	60071	110.3049 ng/ml
Lamotrigine	4.266	185187	388.98	90.3	512.46	347995	860.0976 ng/ml
Lorazepam	5.733	121893	19174.35	51.5	582.33	93939	95.3272 ng/ml
MDA	3.188	395896	319.81	28.7	356.34	120754	103.3624 ng/ml
MDMA	3.282	313857	8285.44	86.6	334.27	33447	100.0118 ng/ml
Methadone	5.645	757337	101888.79	49.6	25728.87	281969	101.2294 ng/ml
Methamphetamine	3.216	652708	11592.17	39.0	17308.12	221177	103.7598 ng/ml
Metoprolol	4.306	80268	7246.13	104.5	27156.09	365390	103.5820 ng/ml
Norbuprenorphine	4.979	2120	409.73	90.3	2871.76	8785	9.7651 ng/ml
Nordiazepam	5.880	187194	876.28	58.6	977.63	55003	102.9535 ng/ml
Norfentanyl	4.062	59473	12586.69	37.8	813.47	224148	9.6942 ng/ml
Norhydrocodone	3.057	35180	∞	42.9	130.61	20827	95.2308 ng/ml
O-desmethyl-tramadol	3.355	714836	37376.72	6.4	686.06	359836	99.2769 ng/ml
Promethazine	5.530	743823	45340.82	29.6	1255.94	347871	100.4266 ng/ml
Sertraline	5.769	173888	2102.88	89.6	3054.21	68231	100.4970 ng/ml
Tramadol	4.225	656771	∞	3.8	∞	365390	102.3000 ng/ml
Xylazine	4.063	252265	380.71	50.9	4201.64	106752	101.8883 ng/ml
Zolpidem	4.913	683146	935052.15	30.0	870.82	284016	104.9343 ng/ml

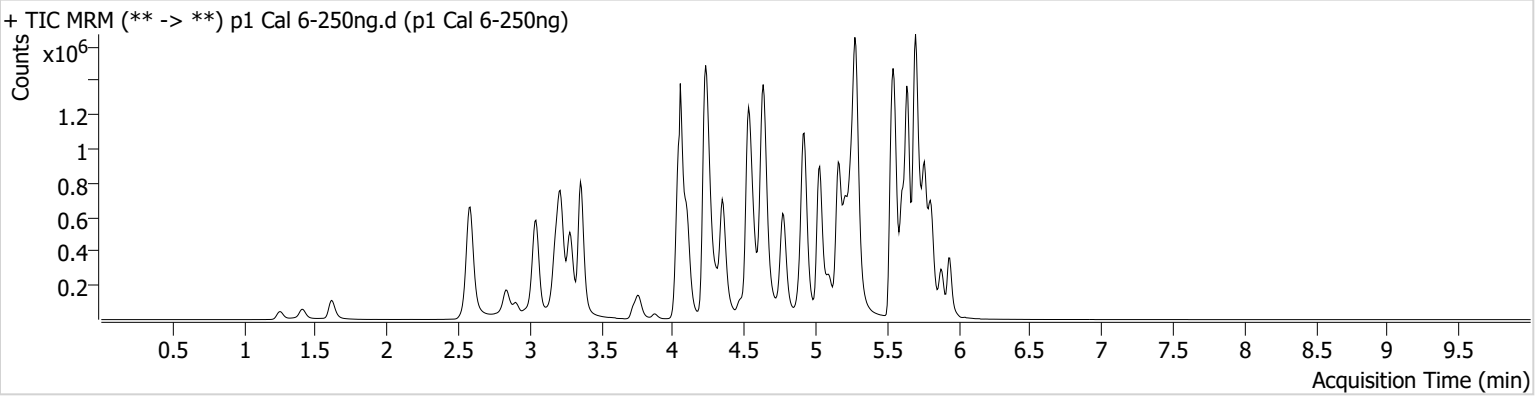
TS

AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument	Falco (069901)	**Data File**	p1 Cal 6-250ng.d
Type	Cal	**Sample**	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P6-F1	**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	9/6/2024 1:52:37 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	82721	2495.80	78.4	1752.41	22156	176.1895 ng/ml
Alprazolam	5.762	476264	3238.03	105.5	861.95	71428	254.0298 ng/ml
Amphetamine	3.047	1076481	86447.84	51.5	97629.31	90287	207.0124 ng/ml
Benzoylecgonine	3.876	33828	725.43	36.4	445.82	4735	241.7828 ng/ml
Bromazolam	5.800	295242	189558.89	117.3	198807.37	30259	257.8487 ng/ml
Buprenorphine	5.847	35538	1998.12	14.7	4123.49	47667	24.0628 ng/ml
Clonazepam	5.597	351546	25744.65	36.6	1218.29	22373	234.3772 ng/ml
Diazepam	5.940	377638	6845.87	92.4	857.21	62573	253.4025 ng/ml
Dihydrocodeine	2.554	223785	322.29	63.5	401.69	49133	241.0297 ng/ml
Diphenhydramine	5.285	2414224	109716.11	34.2	1802.25	536990	248.7308 ng/ml
Doxylamine	4.532	2406580	77784.63	97.7	1151.02	350689	248.2389 ng/ml
EDDP	5.250	662325	461.75	42.7	473.27	119005	248.7718 ng/ml
Fentanyl	5.090	120899	669.50	73.1	126824.28	230511	25.3809 ng/ml
Hydrocodone	3.016	306146	362.53	41.2	569.59	61565	238.1985 ng/ml
Lamotrigine	4.273	295712	16636.71	89.7	3146.33	314817	1531.5728 ng/ml
Lorazepam	5.733	158275	17228.51	51.9	2360.19	52511	223.5739 ng/ml
MDA	3.187	782150	7271.32	28.4	3732.24	102645	241.4536 ng/ml
MDMA	3.282	742648	212052.31	87.1	586.21	31058	255.0142 ng/ml
Methadone	5.645	1720996	3228.54	50.0	30909.93	258919	250.7261 ng/ml
Methamphetamine	3.222	1468799	2907.02	39.2	2847.84	220263	245.1879 ng/ml
Metoprolol	4.313	166924	7180.22	103.8	5559.60	326991	242.6917 ng/ml
Norbuprenorphine	4.979	4999	6609.78	93.7	87.56	8615	23.7309 ng/ml
Nordiazepam	5.880	358593	8569.45	58.2	591.59	43078	252.3794 ng/ml
Norfentanyl	4.069	118852	15071.57	39.2	28465.35	176284	24.5836 ng/ml
Norhydrocodone	3.064	88140	∞	42.9	350.38	19499	254.4220 ng/ml
O-desmethyl-tramadol	3.355	1750692	358075.63	6.5	35421.61	349690	250.2784 ng/ml
Promethazine	5.530	1747828	251620.43	29.4	4760.25	322824	254.1982 ng/ml
Sertraline	5.769	368323	2921.12	88.6	999.34	56915	255.2273 ng/ml
Tramadol	4.225	1489198	1401.63	4.0	520.83	326991	260.2079 ng/ml
Xylazine	4.063	589822	95889.83	50.5	7494.55	99950	254.5183 ng/ml
Zolpidem	4.920	1551711	46169.03	30.3	288373.10	273009	248.9601 ng/ml

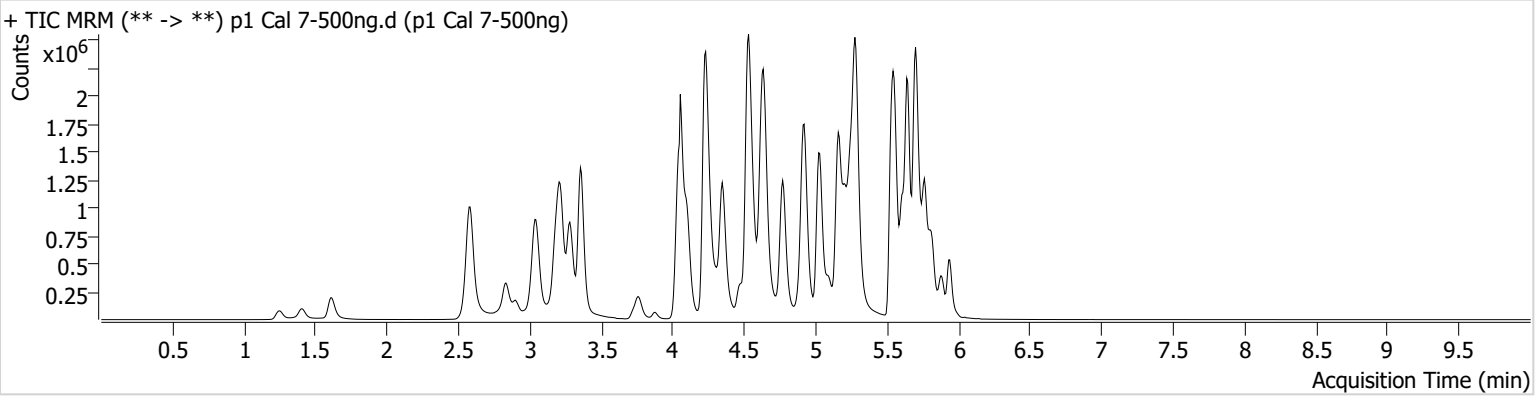
TS

AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 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-G1	**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	9/6/2024 2:03:15 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.251	101630	1158.95	78.2	961.07	13327	361.6937 ng/ml
Alprazolam	5.762	722351	749.27	105.9	2667.42	57800	476.4627 ng/ml
Amphetamine	3.047	1818214	125014.36	51.7	56822.58	86620	365.7006 ng/ml
Benzoylecgonine	3.876	69932	28250.81	37.0	641.59	4763	497.1812 ng/ml
Bromazolam	5.800	389082	149410.22	120.5	372580.97	20999	490.2231 ng/ml
Buprenorphine	5.847	70301	31222.11	14.1	15020.93	45010	49.9527 ng/ml
Clonazepam	5.597	434764	17571.81	36.3	41421.46	15475	419.8452 ng/ml
Diazepam	5.940	607479	607.48	93.1	790.29	53139	480.1367 ng/ml
Dihydrocodeine	2.548	394438	645.40	63.1	386.36	47627	438.9083 ng/ml
Diphenhydramine	5.285	4116773	1376.12	34.1	1541.10	449585	506.5498 ng/ml
Doxylamine	4.532	4802925	294160.20	97.3	165372.85	351292	494.2046 ng/ml
EDDP	5.250	1284601	20944.70	42.6	3162.34	114434	501.7318 ng/ml
Fentanyl	5.090	233645	65977.66	75.3	11783.30	225971	50.0507 ng/ml
Hydrocodone	3.016	621865	231.92	39.4	137.59	60356	494.1199 ng/ml
Lamotrigine	4.273	364949	86522.89	90.3	30471.76	271200	2201.7356 ng/ml
Lorazepam	5.733	183544	5176.09	50.4	2295.64	29309	466.2585 ng/ml
MDA	3.181	1174042	289.36	27.9	2591.72	86113	432.7391 ng/ml
MDMA	3.282	1350732	198188.42	86.8	1050.81	28356	508.1290 ng/ml
Methadone	5.645	3034939	5419.39	49.4	2995.58	223785	511.7174 ng/ml
Methamphetamine	3.216	2623161	130807.55	38.8	38881.13	219676	445.7885 ng/ml
Metoprolol	4.313	261140	1018.22	105.4	1077.57	306826	405.6284 ng/ml
Norbuprenorphine	4.979	9775	133.29	89.7	7266.44	7989	50.2373 ng/ml
Nordiazepam	5.887	509706	824.77	58.4	886.54	31726	487.4688 ng/ml
Norfentanyl	4.069	168477	18612.32	39.5	851.13	121472	50.5387 ng/ml
Norhydrocodone	3.057	153001	202.64	37.4	3486.03	17410	494.4149 ng/ml
O-desmethyl-tramadol	3.355	3306136	207505.02	6.4	1522.32	324976	508.6473 ng/ml
Promethazine	5.530	3017566	82343.11	29.9	61010.50	284210	498.4340 ng/ml
Sertraline	5.769	514178	32626.47	89.3	87518.00	40960	495.1021 ng/ml
Tramadol	4.225	2612301	∞	3.8	726.86	306826	487.0183 ng/ml
Xylazine	4.063	1057231	138934.55	51.1	34518.76	91013	501.0637 ng/ml
Zolpidem	4.920	2792260	270188.17	29.5	413903.54	255906	478.6134 ng/ml

TS

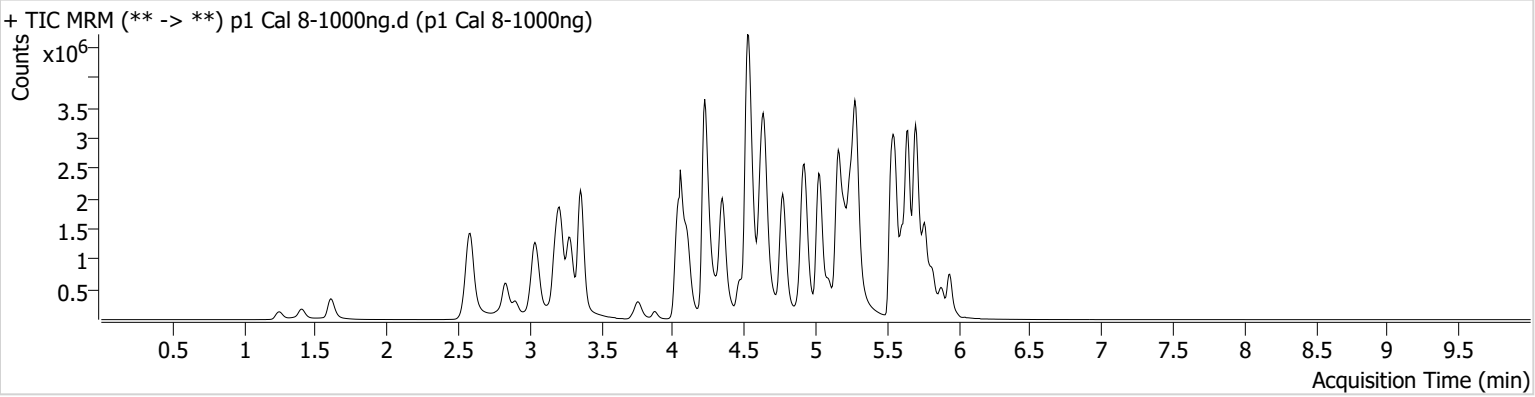
AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 27 28\090524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 9/6/2024 1:11:50 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H1
Injection Volume 2
Acq. Date-Time 9/6/2024 2:13:53 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.258	93981	1336.62	78.8	569.48	6240	715.9940 ng/ml
Alprazolam	5.762	1066082	∞	104.5	247.29	43487	934.9951 ng/ml
Amphetamine	3.040	2623229	96960.07	51.2	228183.06	82031	557.9875 ng/ml
Benzoylecgonine	3.876	148903	18390.84	36.0	962.59	4910	1027.2185 ng/ml
Bromazolam	5.800	493209	25012.05	118.2	243696.18	14010	932.0073 ng/ml
Buprenorphine	5.847	138884	156093.85	14.7	25860.64	40464	109.2687 ng/ml
Clonazepam	5.590	443531	19811.63	37.1	8871.98	9534	695.7971 ng/ml
Diazepam	5.940	957084	11584.24	91.7	1237.45	42196	952.7794 ng/ml
Dihydrocodeine	2.548	630194	823.98	65.3	306.43	48348	691.2275 ng/ml
Diphenhydramine	5.285	6617371	255543.68	33.7	13513.46	358219	1021.8657 ng/ml
Doxylamine	4.532	9285213	256029.66	96.3	95828.20	343408	976.9876 ng/ml
EDDP	5.250	2514314	51854.34	43.0	22536.02	110526	1016.7091 ng/ml
Fentanyl	5.090	496608	1636.63	75.1	546027.64	234580	102.4937 ng/ml
Hydrocodone	3.009	1171272	423.43	39.8	509.21	59664	941.9474 ng/ml
Lamotrigine	4.273	368014	18766.04	90.9	32038.86	217109	2777.9168 ng/ml
Lorazepam	5.733	218769	40100.57	51.7	9655.90	14815	1101.6641 ng/ml
MDA	3.174	1650927	33573.26	28.2	36150.10	70896	739.7822 ng/ml
MDMA	3.282	2198750	96910.24	86.1	136471.00	24064	974.7876 ng/ml
Methadone	5.645	5025636	84040.15	49.5	1473.94	186681	1015.9264 ng/ml
Methamphetamine	3.216	4402164	133528.81	39.3	1983.46	227999	726.0634 ng/ml
Metoprolol	4.306	404422	180416.96	103.0	221347.21	272324	708.8950 ng/ml
Norbuprenorphine	4.979	17890	412.63	91.8	142.73	7282	101.0532 ng/ml
Nordiazepam	5.887	673194	1452.65	58.2	∞	21599	946.0431 ng/ml
Norfentanyl	4.069	197592	19323.09	38.5	11600.51	63229	113.8310 ng/ml
Norhydrocodone	3.057	272239	∞	41.2	166.30	14377	1064.9898 ng/ml
O-desmethyl-tramadol	3.355	5919285	174231.68	6.4	15808.34	294881	1003.6784 ng/ml
Promethazine	5.530	4823612	2725.54	29.6	38945.43	223338	1013.8492 ng/ml
Sertraline	5.769	588533	1180.04	87.0	23044.63	22769	1019.4941 ng/ml
Tramadol	4.225	4066121	∞	3.9	153.82	272324	854.5962 ng/ml
Xylazine	4.063	1867996	1617.71	51.0	7588.70	82737	973.9265 ng/ml
Zolpidem	4.922	4877784	279951.40	29.5	112507.77	244821	874.5490 ng/ml