

















Worklist: 6308

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-0326	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2023-0406	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2023-0695	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2023-1204	6	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0250	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0534	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0536	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0543	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0580	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0611	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0703	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0732	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0812	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0870	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0870	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0870	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 03/30/2023

Analyst: Tamara Salazar

Plate lot#: 230117

Plate Retest Date: 07/17/2023

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 23A52593

Blank Urine Lot: POC021022

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

LCMS-QQ 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 **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS:

Curves Limited:

7-aminoclonazepam -- 5-500 -- calibrator 8 dropped due to accuracy

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

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

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

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

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

Flualprazolam -- 5-500 -- calibrator 8 dropped due to accuracy
Fluorofentanyl -- 5-500 -- calibrator 8 dropped due to accuracy
Hydroxyzine -- 5-500 -- calibrator 8 dropped due to accuracy
Ketamine -- 5-500 -- calibrator 8 dropped due to accuracy
MDA -- 5-250 -- calibrators 7 and 8 dropped due to accuracy
Meprobamate -- 5-250 -- calibrators 7 and 8 dropped due to accuracy
Methamphetamine -- 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol -- 5-500 -- calibrator 8 dropped due to accuracy
Norfentanyl -- 0.5-25 -- calibrators 7 and 8 dropped due to accuracy
Oxycodone -- 5-500 -- calibrator 8 dropped due to accuracy
Phentermine -- 5-250 -- calibrators 7 and 8 dropped due to accuracy
Zolpidem -- 5-500 -- calibrator 8 dropped due to accuracy

Chlordiazepoxide and DMT not evaluated due to ratio

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	M2023-0695-2	P2023-0534-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0870-3	M2023-0406-2	Neg Urine	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0870-2	M2023-0326-3	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0870-1	P2023-0732-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0812-1	P2023-0703-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0580-1	P2023-0611-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0250-1	P2023-0543-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	M2023-1204-6	P2023-0536-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

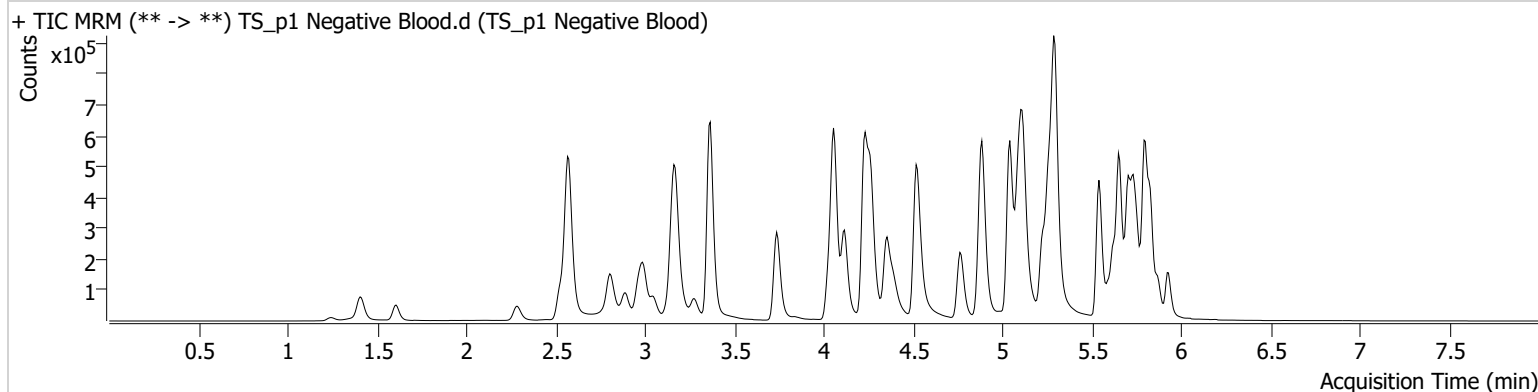


AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Negative Blood.d
Type	Sample	Sample	TS_p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-C11	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 6:54:28 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

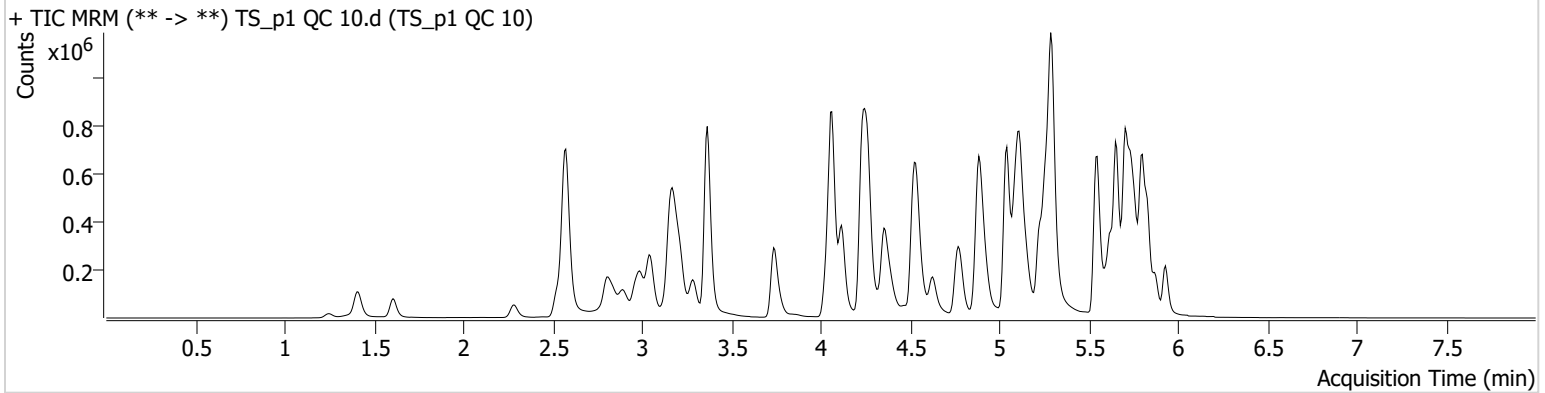
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 QC 10.d
Type	QC	Sample	TS_p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-H11	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 5:39:59 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3548	522.91	67.8	601.40	86955	1.1270 ng/ml
7-aminoclonazepam	4.251	44021	71.63	88.2	1750.69	171183	10.9239 ng/ml
a-hydroxyalprazolam	5.682	27997	537.43	68.0	1433.99	985208	10.6742 ng/ml
alpha-PHP	4.935	49657	659.64	263.1	2703.69	676743	10.1863 ng/ml
alpha-PVP	4.363	186733	599.39	53.8	162.03	676743	10.0851 ng/ml
Alprazolam	5.759	112494	490.16	115.6	595.08	288469	10.2705 ng/ml
Amphetamine	3.050	364555	616.79	43.0	751.69	396464	10.6260 ng/ml
Benzoylecgonine	3.871	3326	14.06	8.6	658.61	11928	8.4521 ng/ml
Buprenorphine	5.824	3958	181.04	16.4	339.06	124026	0.9519 ng/ml
Bupropion	4.785	204060	342.06	63.1	168.06	625818	10.4304 ng/ml
Carisoprodol	5.714	117881	76150.35	58.8	101.69	529997	9.4805 ng/ml
Chlordiazepoxide	5.835	39917	1973.88	187.7	789.44	599254	10.4422 ng/ml
Chlorpheniramine	5.118	301958	1645.27	0.3	8.97	1261464	10.0355 ng/ml
Citalopram	5.225	178931	458.54	38.8	473.59	625817	9.9601 ng/ml
Clonazepam	5.601	110558	408.79	33.5	1180.19	137317	10.6381 ng/ml
Clonazolam	5.545	88820	40236.00	34.7	52095.39	137317	10.5480 ng/ml
Cocaine	4.264	131132	316.81	55.9	2075.40	1052591	9.8806 ng/ml
Codeine	2.586	18364	43.14	105.7	360.26	77853	10.0335 ng/ml
Cyclobenzaprine	5.625	127499	219.49	7.0	25.11	500771	9.9156 ng/ml
Dextromethorphan	5.269	88660	2167.27	80.0	1124.92	382148	9.6396 ng/ml
Dextrorphan	4.118	60411	1997.55	222.4	620.88	648961	9.7677 ng/ml
Diazepam	5.931	80757	1423.73	88.0	263.08	277612	10.3982 ng/ml
Dihydrocodeine	2.558	47909	531.63	57.5	1334.66	291473	9.8989 ng/ml
Diphenhydramine	5.297	520290	617.50	30.6	4249.12	1944934	10.2483 ng/ml
DMT	2.852	22201	389.31	114.5	1916.81	382148	9.5626 ng/ml
Doxylamine	4.538	391427	2171.27	100.3	1098.50	1592594	10.0201 ng/ml
Duloxetine	5.651	9915	300.06	14.3	171.52	42979	10.7145 ng/ml
EDDP	5.262	156921	611.05	43.1	372.03	740090	9.8533 ng/ml
Etizolam	5.797	29036	55989.43	30.6	613.01	137317	9.1162 ng/ml
Fentanyl	5.101	13304	49.85	67.3	385.43	608845	0.9827 ng/ml
Flualprazolam	5.695	51227	1688.74	97.0	14937.32	288469	10.5152 ng/ml
Fluorofentanyl	5.156	31665	157.51	41.2	865.97	5639	0.9705 ng/ml
Fluoxetine	5.704	117609	608.49	7.5	3131.10	408237	9.6717 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	79762	∞	31.9	602.40	372204	10.8092 ng/ml
Hydromorphone	1.615	52301	280229.93	67.2	156.23	153809	10.0268 ng/ml
Hydroxyzine	5.701	157514	2397.57	74.0	856.97	382148	9.6057 ng/ml
Ketamine	4.043	143385	3010.42	41.1	119.48	436639	10.1608 ng/ml
Lamotrigine	4.274	12394	304.13	88.5	1278.97	1619238	9.9055 ng/ml
Lorazepam	5.737	93836	838.54	44.4	58.94	631417	10.7538 ng/ml
MDA	3.198	249556	1502.80	34.0	246.49	672708	10.2869 ng/ml
MDMA	3.292	124172	1105.52	101.9	965.39	156536	9.5936 ng/ml
Meprobamate	4.895	87545	305.61	27.9	674.04	398577	10.5742 ng/ml
Methadone	5.656	298760	767.25	45.8	338.44	1000828	10.3127 ng/ml
Methamphetamine	3.219	332760	362.21	32.9	1675.25	1048319	10.2262 ng/ml
Metoprolol	4.327	36877	1089.99	106.0	1314.25	1431533	9.8842 ng/ml
Mirtazapine	4.627	263509	3066.02	48.7	184.69	676743	10.4631 ng/ml
Mitragynine	5.236	51132	15349.74	36.7	520.50	1000828	10.2676 ng/ml
Morphine	1.253	7947	2402.68	18.5	753.61	11430	9.8648 ng/ml
Norbuprenorphine	4.990	645	54.98	114.2	231.69	25930	0.7382 ng/ml
Nordiazepam	5.877	66355	772.59	62.8	425.09	176941	10.4989 ng/ml
Norfentanyl	4.085	31754	2817.22	38.5	196.10	1214674	0.9702 ng/ml
Norhydrocodone	3.067	13845	291.78	41.3	94.27	141266	9.5429 ng/ml
Noroxycodone	2.911	81528	1512.23	43.3	314.95	275868	10.0241 ng/ml
O-desmethyl-tramadol	3.372	315014	10303.15	5.9	1313.04	1770937	9.8889 ng/ml
o-desmethylvenlafaxine	4.069	477147	5177.52	18.1	796.48	350754	9.8002 ng/ml
Olanzapine	4.468	60375	211.29	53.1	397.41	143601	10.1816 ng/ml
Oxazepam	5.740	125434	12150.30	74.3	118.44	631417	10.1208 ng/ml
Oxycodone	2.835	145467	831.65	27.8	706.03	524585	10.4968 ng/ml
Oxymorphone	1.412	83330	∞	43.6	620.76	266978	9.8001 ng/ml
Phentermine	3.774	80032	578.53	6.7	71.51	828974	9.9261 ng/ml
Promethazine	5.548	212464	3964.37	31.9	303.32	904356	9.3108 ng/ml
Pseudoephedrine	2.583	416692	912.77	17.1	4379.19	1619238	9.8252 ng/ml
Quetiapine	5.551	196545	3590.39	58.5	2549.21	258974	10.4498 ng/ml
Sertraline	5.773	31924	145.26	101.2	538.04	123789	9.9568 ng/ml
Temazepam	5.800	205739	635.23	27.0	125.21	985208	10.6418 ng/ml
Tramadol	4.246	302617	∞	3.4	16.52	1431533	10.0976 ng/ml
Trazodone	5.148	190294	24666.96	68.4	7149.77	657711	10.3184 ng/ml
Venlafaxine	5.043	284530	1732.54	36.1	643.31	1529231	9.8140 ng/ml
Zolpidem	4.905	315441	432.27	28.4	153.56	1341870	10.1219 ng/ml

AM #28 Multi-Drug Quant. Results

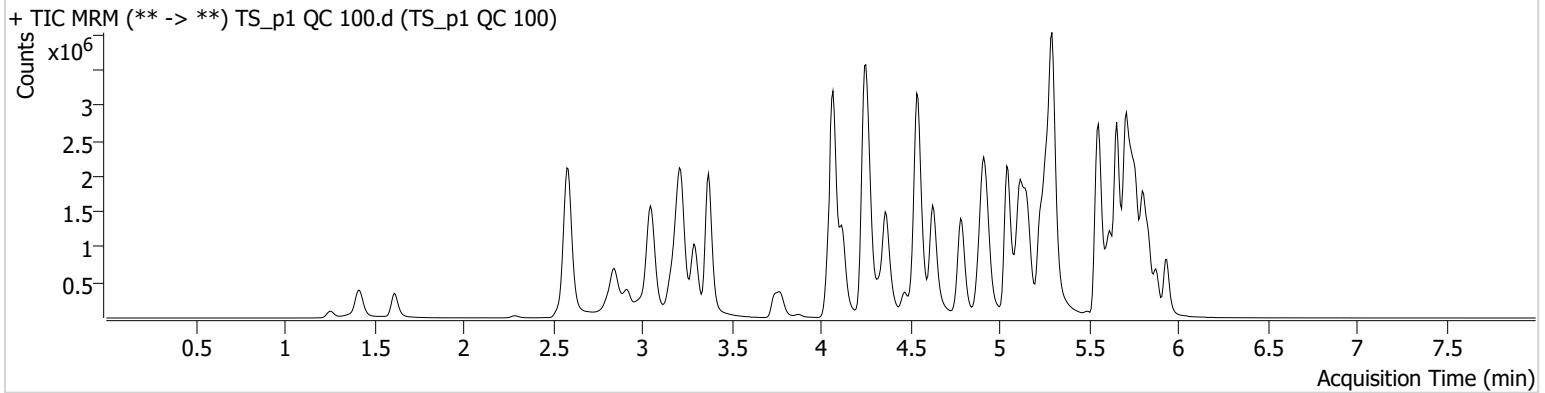
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 QC 100.d
Type	QC	Sample	TS_p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2023 1:38:22 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	35729	1069.49	70.9	59836.89	90442	10.5317 ng/ml
7-aminoclonazepam	4.258	358311	3508.46	88.5	3318.32	151834	108.0263 ng/ml
a-hydroxyalprazolam	5.682	226063	424.14	66.2	456.16	877902	103.6409 ng/ml
alpha-PHP	4.935	534602	2404.50	258.7	2124.74	718602	105.9727 ng/ml
alpha-PVP	4.370	2039629	3634.60	52.7	17005.98	718602	101.6946 ng/ml
Alprazolam	5.759	1134582	2694.50	113.3	2385.70	278721	107.0122 ng/ml
Amphetamine	3.050	3283530	1379.00	40.8	3887.56	409924	103.8614 ng/ml
Benzoylecgonine	3.877	38858	315.79	8.4	268.65	12411	95.0203 ng/ml
Buprenorphine	5.824	43724	2963.56	16.0	11053.55	133861	9.4690 ng/ml
Bupropion	4.792	2183217	54984.87	61.7	863.28	668093	105.7265 ng/ml
Carisoprodol	5.714	897462	671.35	62.1	530.34	388910	91.5872 ng/ml
Chlordiazepoxide	5.835	368406	7620.59	191.0	5624.21	612854	107.5264 ng/ml
Chlorpheniramine	5.118	3266479	18015.23	0.3	193.27	1342384	100.6149 ng/ml
Citalopram	5.225	1815578	36688.08	38.9	18468.87	633466	98.6008 ng/ml
Clonazepam	5.601	1021773	39906.92	32.8	13270.42	131725	109.6329 ng/ml
Clonazolam	5.545	737955	291832.04	37.6	124870.46	131725	99.0022 ng/ml
Cocaine	4.264	1317220	1153.46	55.8	15515.13	1067483	98.1401 ng/ml
Codeine	2.586	160573	27321.86	105.9	479.00	72779	105.0474 ng/ml
Cyclobenzaprine	5.625	1146186	138463.32	7.5	61.37	458187	95.2803 ng/ml
Dextromethorphan	5.276	874313	20206.12	77.9	80293.53	371875	97.2724 ng/ml
Dextrorphan	4.124	632793	7218.72	221.8	40821.06	684241	95.2600 ng/ml
Diazepam	5.938	800327	3071.59	88.0	26113.76	281878	103.2656 ng/ml
Dihydrocodeine	2.565	475028	11098.62	54.4	12847.51	309686	99.0360 ng/ml
Diphenhydramine	5.297	5418566	235807.05	30.6	24152.87	1966562	102.7439 ng/ml
DMT	2.858	226532	2087.96	119.3	17286.83	371875	98.3586 ng/ml
Doxylamine	4.545	4371769	277138.73	98.1	1581.97	1747529	102.4781 ng/ml
Duloxetine	5.651	60253	2996.45	14.4	233.90	28528	104.2059 ng/ml
EDDP	5.262	1792928	24660.80	42.9	12676.51	845328	96.0550 ng/ml
Etizolam	5.804	295350	12449.69	28.2	140216.12	131725	92.7420 ng/ml
Fentanyl	5.101	132108	117.47	70.9	129232.34	600927	10.7019 ng/ml
Flualprazolam	5.695	447428	8592.21	100.2	2611.84	278721	105.6914 ng/ml
Fluorofentanyl	5.162	297560	3208.87	41.3	5436.94	5220	9.3608 ng/ml
Fluoxetine	5.711	691506	374.61	7.7	217.66	244582	93.1646 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	754502	∞	32.2	558.60	388480	106.4116 ng/ml
Hydromorphone	1.615	535329	2317552.57	72.4	756975.63	157109	102.5131 ng/ml
Hydroxyzine	5.708	1562778	10303.58	74.1	15744.29	371875	91.9562 ng/ml
Ketamine	4.050	1409878	21981.14	41.5	367.09	455233	102.6607 ng/ml
Lamotrigine	4.281	118568	835.48	86.8	26046.08	1512459	106.8597 ng/ml
Lorazepam	5.737	615087	32408.74	49.4	646.87	482277	101.0355 ng/ml
MDA	3.198	2053331	14214.15	33.0	1119.64	606232	101.5191 ng/ml
MDMA	3.292	1293845	230750.51	101.8	3787.18	159309	100.6488 ng/ml
Meprobamate	4.901	709757	7251.56	28.6	1076.44	378437	100.3136 ng/ml
Methadone	5.656	3214495	5885.31	45.9	2468.35	1047857	102.1995 ng/ml
Methamphetamine	3.226	3195118	40604.16	32.4	603.80	1149513	105.7891 ng/ml
Metoprolol	4.327	390828	6932.92	100.1	3537.17	1512916	103.0492 ng/ml
Mirtazapine	4.627	2858248	10450.30	48.1	5553.94	718602	103.1638 ng/ml
Mitragynine	5.236	537923	731692.72	36.4	94279.51	1047857	107.9051 ng/ml
Morphine	1.261	86617	7177.48	18.0	1540.93	12046	104.4665 ng/ml
Norbuprenorphine	4.997	6925	12569.94	100.3	7220.98	28406	10.0123 ng/ml
Nordiazepam	5.877	641021	∞	65.0	1224.65	180738	99.7033 ng/ml
Norfentanyl	4.085	312274	1273.43	37.3	2808.12	1074843	10.2819 ng/ml
Norhydrocodone	3.074	116242	379.02	38.8	138.23	108466	94.8134 ng/ml
Noroxycodone	2.917	731872	5949.87	43.6	501.20	254616	95.9631 ng/ml
O-desmethyl-tramadol	3.372	3409821	6555.19	5.8	47399.78	1843088	99.1696 ng/ml
o-desmethylvenlafaxine	4.081	4932940	35184.36	18.1	3748.43	341941	98.9270 ng/ml
Olanzapine	4.468	636463	3382.15	55.9	5483.89	150121	98.5797 ng/ml
Oxazepam	5.740	977392	528.84	74.2	2099.29	482277	104.8980 ng/ml
Oxycodone	2.835	1494906	1815.60	27.6	1824.60	568743	105.8013 ng/ml
Oxymorphone	1.418	818709	∞	42.9	∞	257200	102.7151 ng/ml
Phentermine	3.780	791524	1496.29	6.0	1198.57	866561	100.5943 ng/ml
Promethazine	5.548	1999673	1699.39	30.2	773.45	836354	91.9020 ng/ml
Pseudoephedrine	2.589	4107993	84286.92	17.0	32713.66	1512459	98.3542 ng/ml
Quetiapine	5.558	1965784	417027.90	60.5	159.71	268047	108.1135 ng/ml
Sertraline	5.773	171877	927.12	101.7	328.81	71836	99.0441 ng/ml
Temazepam	5.807	1794283	524.99	27.1	256.43	877902	104.1044 ng/ml
Tramadol	4.246	3243903	256.71	3.3	262.23	1512916	107.7882 ng/ml
Trazodone	5.148	1949004	5900614.34	67.2	59755.51	692051	107.0374 ng/ml
Venlafaxine	5.043	3074830	721.93	35.3	1917.18	1609836	96.6487 ng/ml
Zolpidem	4.912	3304719	197774.21	28.6	508592.67	1426186	104.0271 ng/ml

AM #28 Multi-Drug Quant. Results

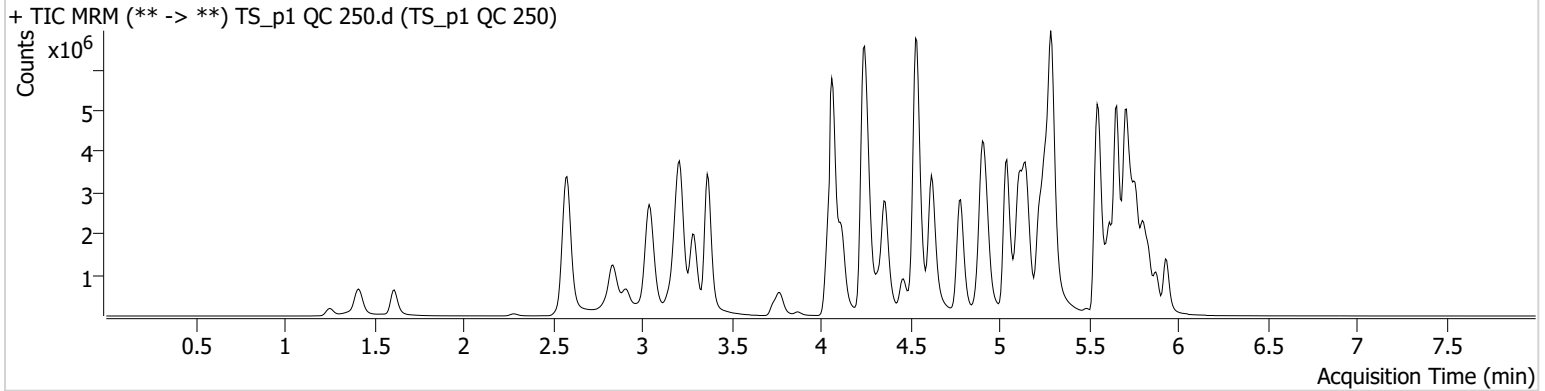
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 QC 250.d
Type	QC	Sample	TS_p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F11	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 6:01:14 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	78491	1483.15	72.2	104403.83	81758	25.5310 ng/ml
7-aminoclonazepam	4.251	643799	4829.93	92.2	3456.02	122198	242.3437 ng/ml
a-hydroxyalprazolam	5.682	308382	298.90	67.2	645.80	503918	247.4890 ng/ml
alpha-PHP	4.928	1102050	12833.96	257.3	164675.38	600577	261.8196 ng/ml
alpha-PVP	4.363	4398931	1224.48	52.3	34587.69	600577	262.0819 ng/ml
Alprazolam	5.759	2077322	3802.56	114.3	1988.33	202252	269.9770 ng/ml
Amphetamine	3.043	5885678	48530.57	40.3	27401.95	364435	210.8968 ng/ml
Benzoylcegonine	3.871	86294	11116.65	8.1	172.63	10899	240.3030 ng/ml
Buprenorphine	5.824	89603	442.02	15.6	17697.56	107453	24.1278 ng/ml
Bupropion	4.785	4837319	2198.32	61.0	147947.57	580781	269.6784 ng/ml
Carisoprodol	5.714	1293837	8413.52	57.4	383.11	200444	254.8865 ng/ml
Chlordiazepoxide	5.835	632925	16637.77	193.3	5354.47	447961	254.9675 ng/ml
Chlorpheniramine	5.111	7362787	130626.54	0.3	325.92	1195696	254.3791 ng/ml
Citalopram	5.225	3636938	74717.19	39.0	773.33	496555	251.7611 ng/ml
Clonazepam	5.601	1677935	1726.23	32.5	2536.62	92908	256.3540 ng/ml
Clonazolam	5.545	1109155	273956.34	37.5	496128.65	92908	212.0980 ng/ml
Cocaine	4.264	2644264	87941.44	55.3	59887.48	854467	246.1731 ng/ml
Codeine	2.586	277103	234.79	104.9	193.32	57611	230.5933 ng/ml
Cyclobenzaprine	5.625	2778526	95590.36	7.4	1402.02	422024	250.3696 ng/ml
Dextromethorphan	5.269	1739760	62738.56	77.9	25333.48	285760	251.8165 ng/ml
Dextrorphan	4.118	1329072	17515.37	219.0	30127.32	543897	251.3767 ng/ml
Diazepam	5.938	1528755	18972.68	87.2	3091.77	217142	256.3615 ng/ml
Dihydrocodeine	2.552	943946	31992.66	56.6	460.20	274868	222.7174 ng/ml
Diphenhydramine	5.297	10970173	136989.53	30.5	66667.89	1558745	261.9626 ng/ml
DMT	2.852	448333	1897.41	132.5	7746.11	285760	253.0079 ng/ml
Doxylamine	4.538	10087186	242814.03	95.3	23696.50	1533307	269.5745 ng/ml
Duloxetine	5.644	156196	4804.10	14.1	600.99	29494	262.4222 ng/ml
EDDP	5.262	3658192	45485.58	42.1	29930.92	687793	240.4542 ng/ml
Etizolam	5.797	567988	8774.33	27.8	2418.24	92908	252.1608 ng/ml
Fentanyl	5.094	311257	38300.04	67.9	340.84	577725	26.3579 ng/ml
Flualprazolam	5.688	733184	6352.87	104.5	5139.20	202252	240.3395 ng/ml
Fluorofentanyl	5.156	735511	2120.09	41.3	12392.79	4951	24.3093 ng/ml
Fluoxetine	5.711	1674509	489.74	7.7	3447.92	221907	248.3223 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	1522684	∞	32.9	∞	334847	250.5545 ng/ml
Hydromorphone	1.615	1129687	6770362.94	73.0	2232.69	134234	253.5270 ng/ml
Hydroxyzine	5.701	3417151	43392.94	76.3	1029.01	285760	260.4641 ng/ml
Ketamine	4.043	2864939	50460.51	40.5	4550.66	396428	240.6370 ng/ml
Lamotrigine	4.281	214745	17626.26	89.3	1385.11	1145637	256.3240 ng/ml
Lorazepam	5.730	721967	2419.33	47.2	583.59	250222	230.0291 ng/ml
MDA	3.191	3441326	6587.60	32.0	1422.64	465672	222.6041 ng/ml
MDMA	3.292	2648449	114996.85	103.7	8004.38	130314	252.2591 ng/ml
Meprobamate	4.895	1155475	514.93	27.2	266.60	296289	210.0224 ng/ml
Methadone	5.656	7060947	3841.26	44.0	704.61	881064	266.3320 ng/ml
Methamphetamine	3.219	6695191	48324.86	31.2	48283.51	1050063	245.3790 ng/ml
Metoprolol	4.320	786378	16213.19	100.9	77142.17	1236893	254.2500 ng/ml
Mirtazapine	4.620	6263593	221997.54	47.4	3275575.19	600577	269.8475 ng/ml
Mitragynine	5.230	1104175	1598113.57	37.6	620344.44	881064	264.1771 ng/ml
Morphine	1.253	181294	2436.21	17.6	2114.93	10694	246.6384 ng/ml
Norbuprenorphine	4.990	15984	118.87	93.8	490.62	25250	26.5043 ng/ml
Nordiazepam	5.877	1148179	122291.32	64.6	23596.84	129417	249.4790 ng/ml
Norfentanyl	4.085	583394	27277.24	37.8	932.91	737081	27.9258 ng/ml
Norhydrocodone	3.067	232962	205.64	40.2	100.02	82980	246.8203 ng/ml
Noroxycodone	2.911	1287814	17360.59	43.7	927.32	178762	240.2461 ng/ml
O-desmethyl-tramadol	3.366	7429045	∞	5.7	13068.08	1536450	258.5520 ng/ml
o-desmethylvenlafaxine	4.063	10031342	153613.51	17.9	5679.12	272435	251.6889 ng/ml
Olanzapine	4.461	1635587	3989.70	57.9	4998.35	153023	247.8419 ng/ml
Oxazepam	5.740	1220012	157.82	73.9	243.42	250222	252.6190 ng/ml
Oxycodone	2.828	2987474	2135.23	27.4	922.14	489242	246.7792 ng/ml
Oxymorphone	1.411	1626715	∞	43.0	∞	207929	252.8868 ng/ml
Phentermine	3.774	1532443	3533.12	6.0	2422.71	763461	222.0037 ng/ml
Promethazine	5.541	5080226	77464.67	29.5	1463.27	792944	245.7389 ng/ml
Pseudoephedrine	2.583	8007156	97682.50	16.7	23228.73	1145637	252.2115 ng/ml
Quetiapine	5.558	3917191	132535.03	60.3	80237.10	223964	258.9818 ng/ml
Sertraline	5.773	506523	11236.11	100.8	856.46	82780	254.5538 ng/ml
Temazepam	5.807	2612815	38691.47	27.4	201.72	503918	264.0946 ng/ml
Tramadol	4.239	6466689	∞	3.6	115.06	1236893	263.6705 ng/ml
Trazodone	5.141	4266406	493.91	70.1	820.22	635507	256.2002 ng/ml
Venlafaxine	5.043	6655939	182819.53	34.9	1884.43	1348289	249.0938 ng/ml
Zolpidem	4.905	7113210	2672.31	27.7	33177.20	1274331	251.2711 ng/ml

AM #28 Multi-Drug Quant. Results

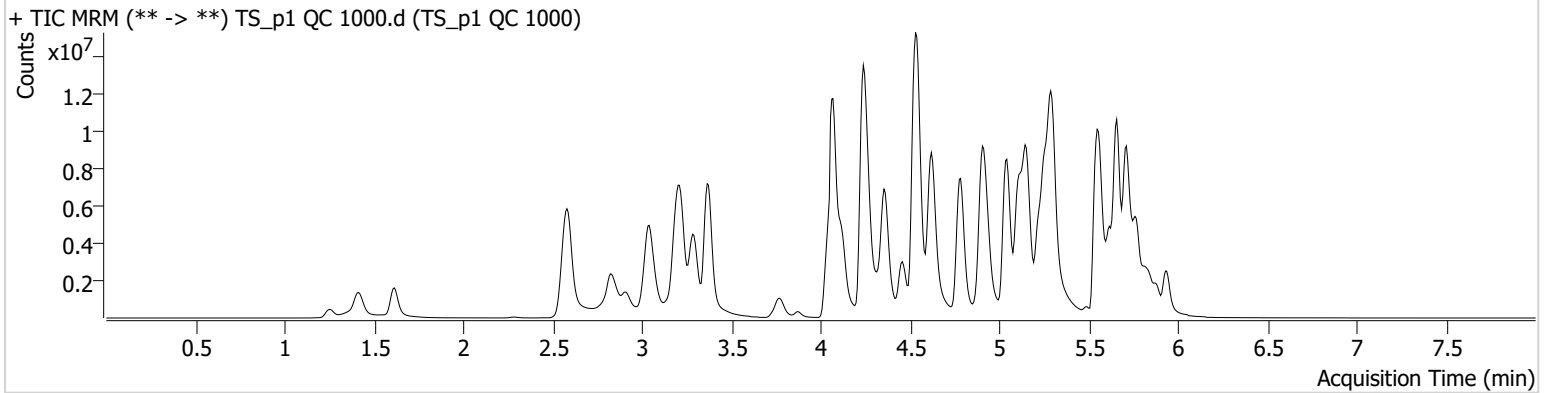
TS



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Instrument	Falco (069901)	Data File	TS_p1 QC 1000.d
Type	QC	Sample	TS_p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-E11	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 6:22:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	261322	7692.10	71.7	4505.16	69602	99.7191 ng/ml
7-aminoclonazepam	4.251	805621	8712.70	88.3	73.41	59688	622.3390 ng/ml
a-hydroxyalprazolam	5.675	334072	447.66	65.6	135.50	139837	968.6386 ng/ml
alpha-PHP	4.935	2745945	32732.68	263.1	833880.00	413270	948.8161 ng/ml
alpha-PVP	4.357	12641389	1649.20	51.8	25061.08	413270	1093.8108 ng/ml
Alprazolam	5.759	3982604	∞	112.1	154.04	97547	1073.1070 ng/ml
Amphetamine	3.043	11319651	64881.23	39.9	1570.92	285930	519.0973 ng/ml
Benzoylecgonine	3.871	318758	5320.02	8.1	830.29	10178	950.5631 ng/ml
Buprenorphine	5.824	264076	22795.09	15.1	22326.99	71292	107.0752 ng/ml
Bupropion	4.785	14557828	271154.70	59.5	37935.05	474705	993.3041 ng/ml
Carisoprodol	5.721	1374785	123.19	61.3	206.86	48201	1123.7815 ng/ml
Chlordiazepoxide	5.842	929809	9153.41	247.3 High	6731.65	220400	764.5883 ng/ml
Chlorpheniramine	5.111	20624382	91235.75	0.3	591.21	836992	1017.4749 ng/ml
Citalopram	5.218	7343704	412972.21	38.3	60400.38	237909	1060.5795 ng/ml
Clonazepam	5.601	2580541	6597.88	32.0	9983.32	40668	902.7826 ng/ml
Clonazolam	5.538	1223251	272846.23	38.3	2946.36	40668	535.9157 ng/ml
Cocaine	4.264	6360224	486.72	56.4	297.37	492294	1027.8271 ng/ml
Codeine	2.586	563191	375.34	102.2	226.72	34138	794.1566 ng/ml
Cyclobenzaprine	5.625	7257767	108437.78	6.8	642.71	258715	1066.0150 ng/ml
Dextromethorphan	5.269	3423820	51420.14	77.0	444.82	144782	977.9924 ng/ml
Dextrorphan	4.118	3523763	∞	223.7	118264.73	349638	1036.1457 ng/ml
Diazepam	5.938	3393365	374.36	87.6	197.80	124069	996.5090 ng/ml
Dihydrocodeine	2.545	2357335	689.42	56.3	493.97	232225	659.8925 ng/ml
Diphenhydramine	5.297	23337329	154833.83	32.7	91219.92	858571	1010.8901 ng/ml
DMT	2.845	1175924	5490.10	147.6	138539.84	144782	1308.9427 ng/ml
Doxylamine	4.531	27410251	4348.54	97.6	3751.47	1209028	929.1278 ng/ml
Duloxetine	5.644	263350	2794.61	14.2	329.32	12508	1045.4966 ng/ml
EDDP	5.255	11848654	146877.01	41.0	106202.90	509051	1051.3385 ng/ml
Etizolam	5.797	1222460	2495.32	27.9	17532.19	40668	1238.2791 ng/ml
Fentanyl	5.094	790890	1517.88	69.4	1005187.98	444490	87.2571 ng/ml
Flualprazolam	5.688	1023489	11931.21	105.9	43551.27	97547	698.1287 ng/ml
Fluorofentanyl	5.156	2178380	269177.70	42.4	227867.52	2664	133.5788 ng/ml
Fluoxetine	5.711	3259947	370.29	7.2	131541.64	99616	1076.2524 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4230856	∞	33.4	∞	254356	919.2690 ng/ml
Hydromorphone	1.615	3390770	12404692.57	73.0	10956335.46	100035	1021.8045 ng/ml
Hydroxyzine	5.708	8277066	144942.15	76.9	153880.43	144782	1242.7665 ng/ml
Ketamine	4.036	6576541	163671.72	39.2	12741.27	281239	780.4448 ng/ml
Lamotrigine	4.281	361145	32132.02	89.8	1174.46	601771	821.9514 ng/ml
Lorazepam	5.737	702201	23646.77	49.0	716.19	53505	1050.4084 ng/ml
MDA	3.184	5580195	66911.20	30.8	460.27	261880	643.6134 ng/ml
MDMA	3.285	6568750	193342.18	103.3	42190.53	84450	966.1857 ng/ml
Meprobamate	4.888	1630077	235.05	27.7	8342.77	186856	471.4535 ng/ml
Methadone	5.656	17597166	3424.29	46.1	1858.39	565957	1032.1291 ng/ml
Methamphetamine	3.212	16899720	14746.91	29.8	60901.41	940102	695.6321 ng/ml
Metoprolol	4.320	1657678	1716669.58	102.2	16601.78	900698	736.8333 ng/ml
Mirtazapine	4.620	18006945	17787.06	47.2	106938.25	413270	1126.0975 ng/ml
Mitragynine	5.230	2372787	31839.11	39.5	141099.16	565957	885.0000 ng/ml
Morphine	1.253	526832	∞	17.0	12111.76	8263	928.3242 ng/ml
Norbuprenorphine	4.997	53236	11304.37	97.8	97326.46	21747	103.3953 ng/ml
Nordiazepam	5.884	2060179	87417.04	62.8	25929.20	59654	971.2832 ng/ml
Norfentanyl	4.085	1140852	105862.50	37.3	4084.42	241078	166.7207 ng/ml
Norhydrocodone	3.067	694023	47.60	40.7	43.87	53565	1135.6271 ng/ml
Noroxycodone	2.911	2662595	6593.46	43.4	396.71	88869	998.6000 ng/ml
O-desmethyl-tramadol	3.370	20436616	∞	5.7	37390.84	1057479	1032.2313 ng/ml
o-desmethylvenlafaxine	4.069	23843466	265249.62	17.7	43090.94	147345	1104.3499 ng/ml
Olanzapine	4.455	5488533	107686.56	61.6	42957.18	126645	1003.5262 ng/ml
Oxazepam	5.740	1050369	10696.13	74.2	100.25	53505	1017.6797 ng/ml
Oxycodone	2.815	7159410	4799.41	27.5	∞	391843	739.8847 ng/ml
Oxymorphone	1.411	4537837	∞	42.4	∞	152967	959.7577 ng/ml
Phentermine	3.774	3491980	∞	6.1	4923.73	638341	606.3994 ng/ml
Promethazine	5.541	14746662	272132.63	29.1	880.31	562950	1003.7875 ng/ml
Pseudoephedrine	2.583	17991553	92309.99	16.2	65139.61	601771	1077.0408 ng/ml
Quetiapine	5.558	8586908	162879.09	58.6	14851.30	152451	835.8539 ng/ml
Sertraline	5.773	1218972	903.08	97.1	11216.12	47115	1078.9064 ng/ml
Temazepam	5.807	2646030	21056.64	28.5	14673.35	139837	963.7765 ng/ml
Tramadol	4.239	15842652	761.26	3.4	3413.87	900698	888.4637 ng/ml
Trazodone	5.148	11051223	2179.87	72.2	203441.85	465905	907.1265 ng/ml
Venlafaxine	5.043	18755106	5465.82	33.1	2333.36	883066	1070.2142 ng/ml
Zolpidem	4.905	18194637	681370.00	27.9	211429.24	1017556	805.9620 ng/ml

TS

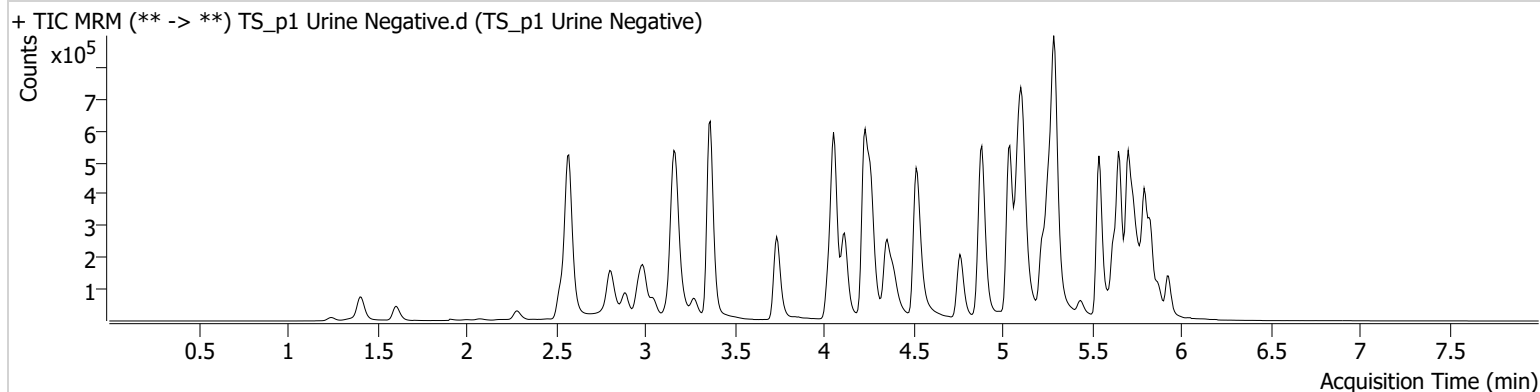


AM #28 Multi-Drug Quant. Results

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Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Urine Negative.d
Type	Sample	Sample	TS_p1 Urine Negative
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B11	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 9:23:14 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

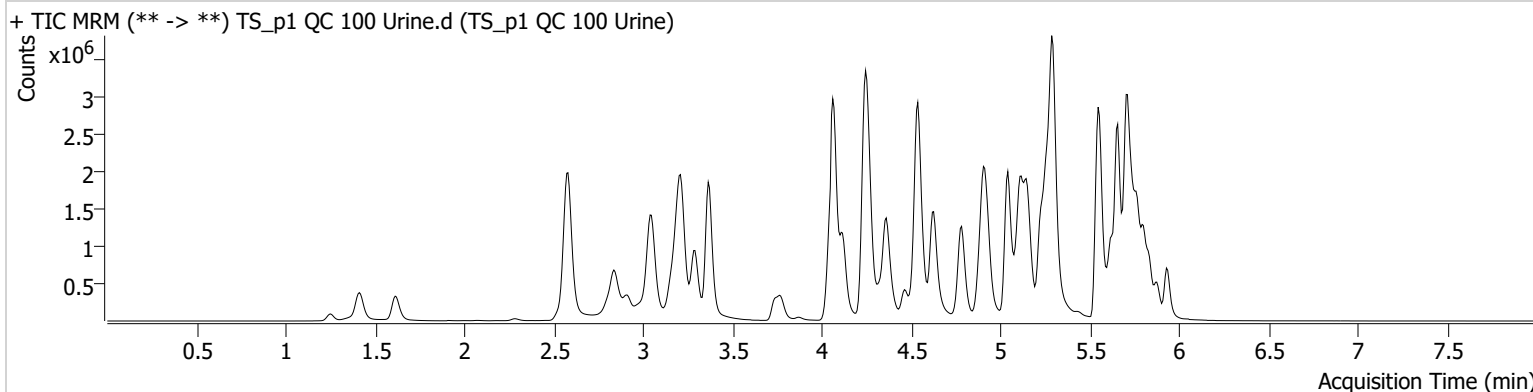
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 QC 100 Urine.d
Type	QC	Sample	TS_p1 QC 100 Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D11	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 9:44:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	31942	204738.86	69.0	675.05	84289	10.1045 ng/ml
7-aminoclonazepam	4.251	370555	100.96	89.6	18566.59	156433	108.4370 ng/ml
a-hydroxyalprazolam	5.682	162970	437.57	67.0	2000.42	505364	130.0095 ng/ml
alpha-PHP	4.935	468504	1359.61	253.1	3348.34	650501	102.5835 ng/ml
alpha-PVP	4.363	1864628	∞	53.0	∞	650501	102.7000 ng/ml
Alprazolam	5.759	848180	1269.34	115.4	∞	213795	104.2943 ng/ml
Amphetamine	3.050	2769819	2373.49	43.1	8767.55	374861	95.6935 ng/ml
Benzoylcegonine	3.871	37563	180.15	8.2	32.95	11548	98.7167 ng/ml
Buprenorphine	5.824	40236	11781.43	14.9	7115.93	128845	9.0542 ng/ml
Bupropion	4.785	1959216	31642.09	61.6	8933.24	595740	106.4028 ng/ml
Carisoprodol	5.714	676745	767.34	59.0	1088.05	285267	94.1345 ng/ml
Chlordiazepoxide	5.835	277857	3089.95	191.8	4672.14	469299	105.8802 ng/ml
Chlorpheniramine	5.118	3150055	13289.55	0.3	141.01	1348395	96.6024 ng/ml
Citalopram	5.225	1729405	1055.43	38.5	1145.13	576624	103.1730 ng/ml
Clonazepam	5.601	525747	1155.39	33.5	2964.61	68038	109.2108 ng/ml
Clonazolam	5.545	483803	5404.69	37.2	9717.38	68038	125.9288 ng/ml
Cocaine	4.264	1140034	42570.03	56.0	6292.65	926304	97.8843 ng/ml
Codeine	2.586	151742	242.15	104.3	∞	68234	105.8928 ng/ml
Cyclobenzaprine	5.625	1329641	883.28	7.4	162.84	514300	98.4630 ng/ml
Dextromethorphan	5.269	897356	472.60	78.0	726.09	377376	98.3801 ng/ml
Dextrorphan	4.118	588667	1084.81	218.2	3730.92	622592	97.3878 ng/ml
Diazepam	5.931	665200	4585.60	85.9	348.82	227923	106.1540 ng/ml
Dihydrocodeine	2.558	448161	356.38	55.9	5488.53	287787	100.5565 ng/ml
Diphenhydramine	5.297	5069929	53543.26	31.2	52163.97	1861315	101.5726 ng/ml
DMT	2.852	205912	1321.39	127.0	2758.45	377376	88.1229 ng/ml
Doxylamine	4.538	3988810	15485.77	97.9	51062.10	1585638	103.0479 ng/ml
Duloxetine	5.651	143382	2670.48	14.2	652.46	69840	101.2720 ng/ml
EDDP	5.262	1580374	988.56	42.5	383.39	751769	95.2070 ng/ml
Etizolam	5.797	226627	1492.03	27.8	696.99	68038	137.5750 ng/ml
Fentanyl	5.101	153976	297.04	69.9	220.37	690029	10.8641 ng/ml
Flualprazolam	5.688	361424	6181.89	99.5	4510.15	213795	111.3732 ng/ml
Fluorofentanyl	5.156	377428	8801.70	41.0	1240.26	6291	9.8489 ng/ml
Fluoxetine	5.711	1433214	4644.08	7.6	9161.02	495238	95.3576 ng/ml

TS



AM #28 Multi-Drug Quant. Results

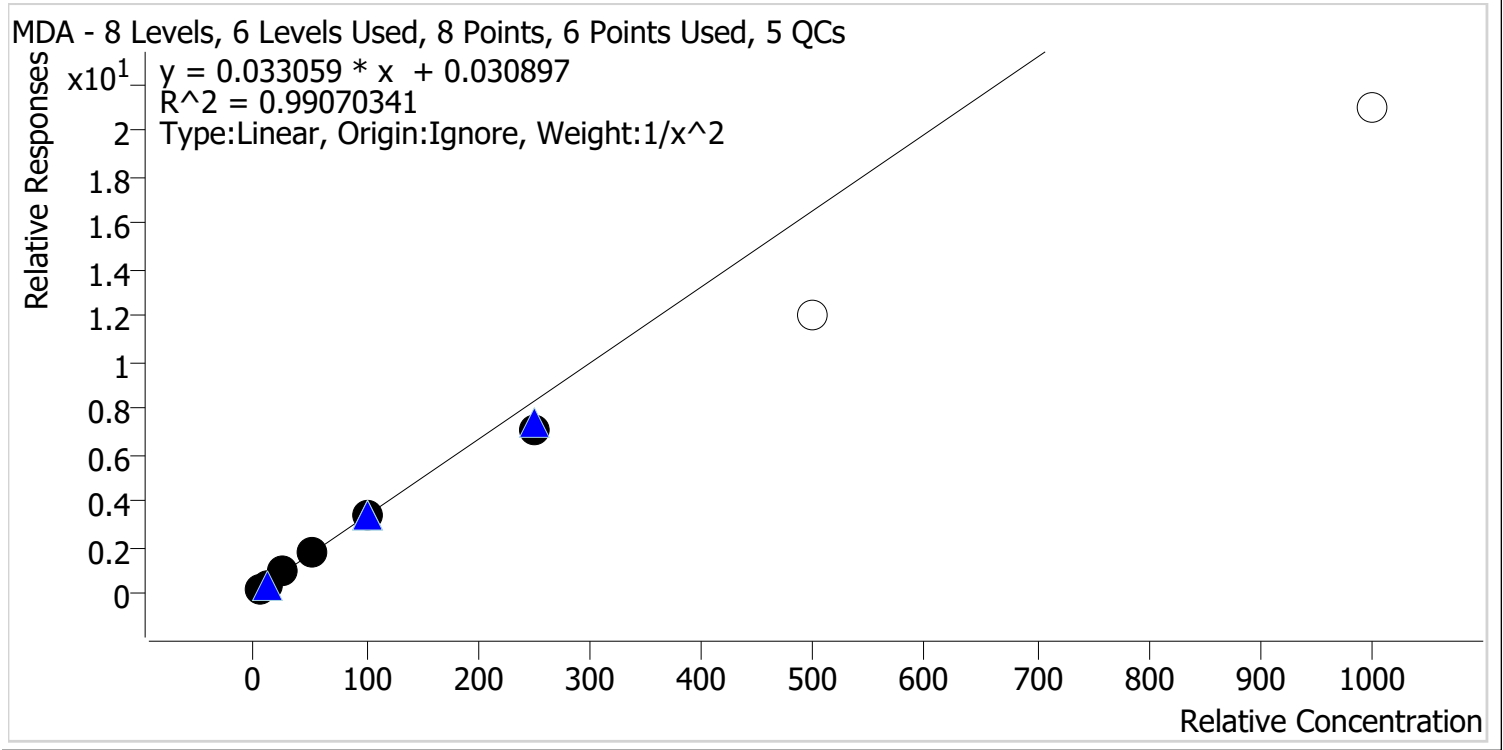
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	663700	∞	33.2	139.72	345016	105.3873 ng/ml
Hydromorphone	1.615	555297	3547176.22	72.5	2654999.44	153170	109.0864 ng/ml
Hydroxyzine	5.708	1562123	12248.85	75.8	5505.54	377376	90.5875 ng/ml
Ketamine	4.043	1319799	∞	41.0	1885.62	422408	103.5767 ng/ml
Lamotrigine	4.281	109063	1194.25	87.3	2751.76	1414177	105.1152 ng/ml
Lorazepam	5.737	397461	7903.88	50.1	445.81	328372	95.8288 ng/ml
MDA	3.198	1863528	5565.88	32.9	1035.84	556347	100.3859 ng/ml
MDMA	3.292	1167561	55011.22	103.4	3242.62	145092	99.7226 ng/ml
Meprobamate	4.895	562465	61901.28	28.1	232.28	284749	105.7227 ng/ml
Methadone	5.656	3028258	123246.63	44.3	1275.56	1006980	100.1947 ng/ml
Methamphetamine	3.219	2938503	19169.94	32.6	16821.66	1049122	106.6187 ng/ml
Metoprolol	4.327	348803	4637.09	102.0	2577.63	1408366	98.7780 ng/ml
Mirtazapine	4.627	2653739	10228.96	48.1	59056.69	650501	105.7995 ng/ml
Mitragynine	5.236	578797	2165.69	37.0	887.74	1006980	120.8799 ng/ml
Morphine	1.253	79943	4149.09	17.7	464.82	12077	96.1466 ng/ml
Norbuprenorphine	4.997	6652	9136.67	97.7	4727.57	26390	10.3634 ng/ml
Nordiazepam	5.877	456924	2461.13	64.2	3327.34	129248	99.3823 ng/ml
Norfentanyl	4.085	277288	1223.53	37.7	773.08	974441	10.0717 ng/ml
Norhydrocodone	3.067	104044	263.78	40.1	227.91	98861	93.1261 ng/ml
Noroxycodone	2.911	633416	3049.25	43.3	711.18	224763	94.0883 ng/ml
O-desmethyl-tramadol	3.372	3052361	750.19	5.8	446.01	1659024	98.6247 ng/ml
o-desmethylvenlafaxine	4.075	4473450	53214.52	18.4	1444.53	319437	96.0476 ng/ml
Olanzapine	4.461	761335	74254.50	56.9	1550.49	181353	97.6173 ng/ml
Oxazepam	5.740	614512	1260.38	73.3	114.41	328372	96.8497 ng/ml
Oxycodone	2.835	1437594	2980.12	27.7	3253.25	559707	103.3707 ng/ml
Oxymorphone	1.411	802949	∞	42.5	∞	252824	102.4806 ng/ml
Phentermine	3.774	722799	2485.12	6.0	542.53	778137	102.3120 ng/ml
Promethazine	5.541	2534745	1015.16	30.9	778.47	1023222	95.2071 ng/ml
Pseudoephedrine	2.583	3780289	32422.98	17.1	3700.87	1414177	96.8072 ng/ml
Quetiapine	5.558	1744396	88740.34	60.8	72040.79	245248	104.8313 ng/ml
Sertraline	5.773	453560	574.39	99.8	358.42	182807	102.7364 ng/ml
Temazepam	5.800	1055775	1213.74	27.3	108.82	505364	106.4120 ng/ml
Tramadol	4.246	2933108	150.57	3.5	99.91	1408366	104.6794 ng/ml
Trazodone	5.148	2003519	2144.32	67.9	6057.58	722223	105.4234 ng/ml
Venlafaxine	5.042	2848826	3848.26	35.0	402.67	1476385	97.6344 ng/ml
Zolpidem	4.905	3071830	2668.81	28.6	2584.28	1353005	101.9164 ng/ml

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
TS_p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
TS_p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
TS_p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
TS_p1 Cal 6-250ng	6	✓	250.0	214.7	85.9
TS_p1 Cal 7-500ng	7	✗	500.0	362.2	72.4
TS_p1 Cal 8-1000ng	8	✗	1000.0	633.9	63.4

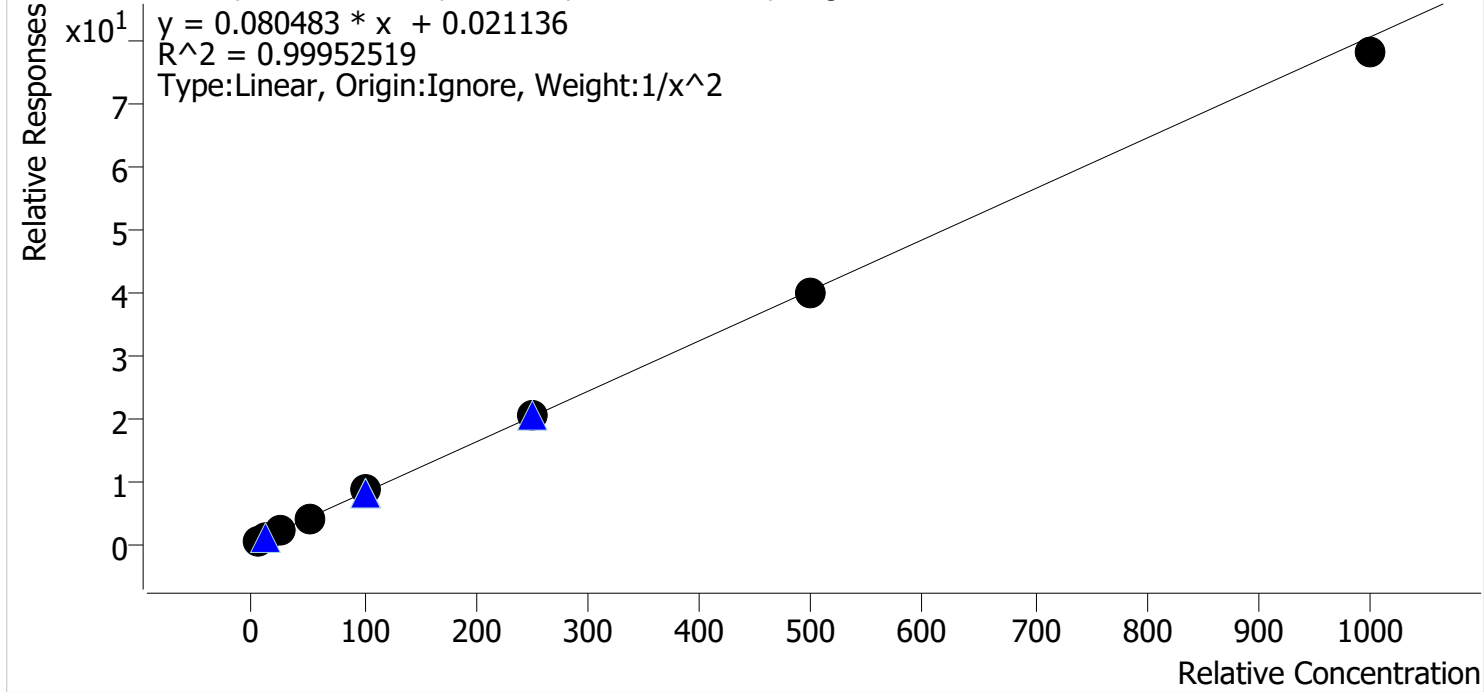
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
TS_p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
TS_p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
TS_p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
TS_p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	969.1	96.9

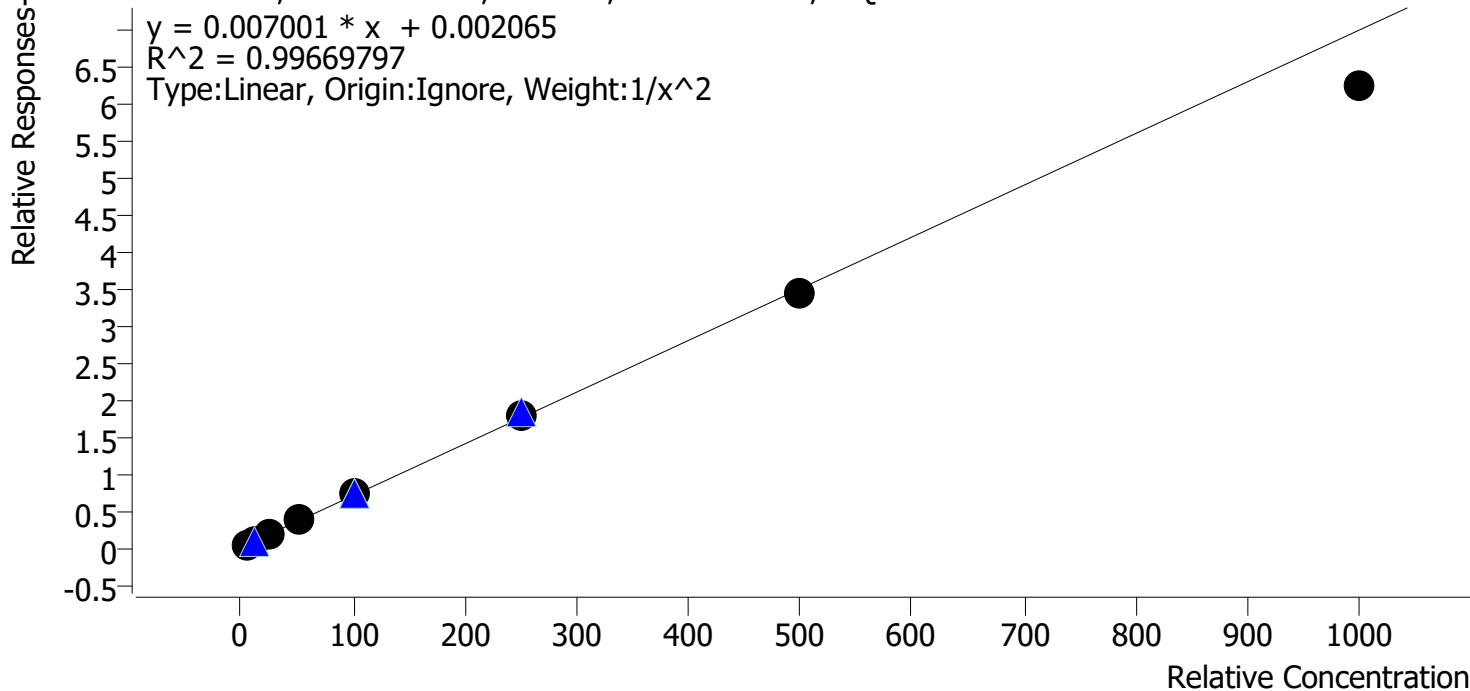
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
TS_p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
TS_p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
TS_p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
TS_p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
TS_p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	895.4	89.5

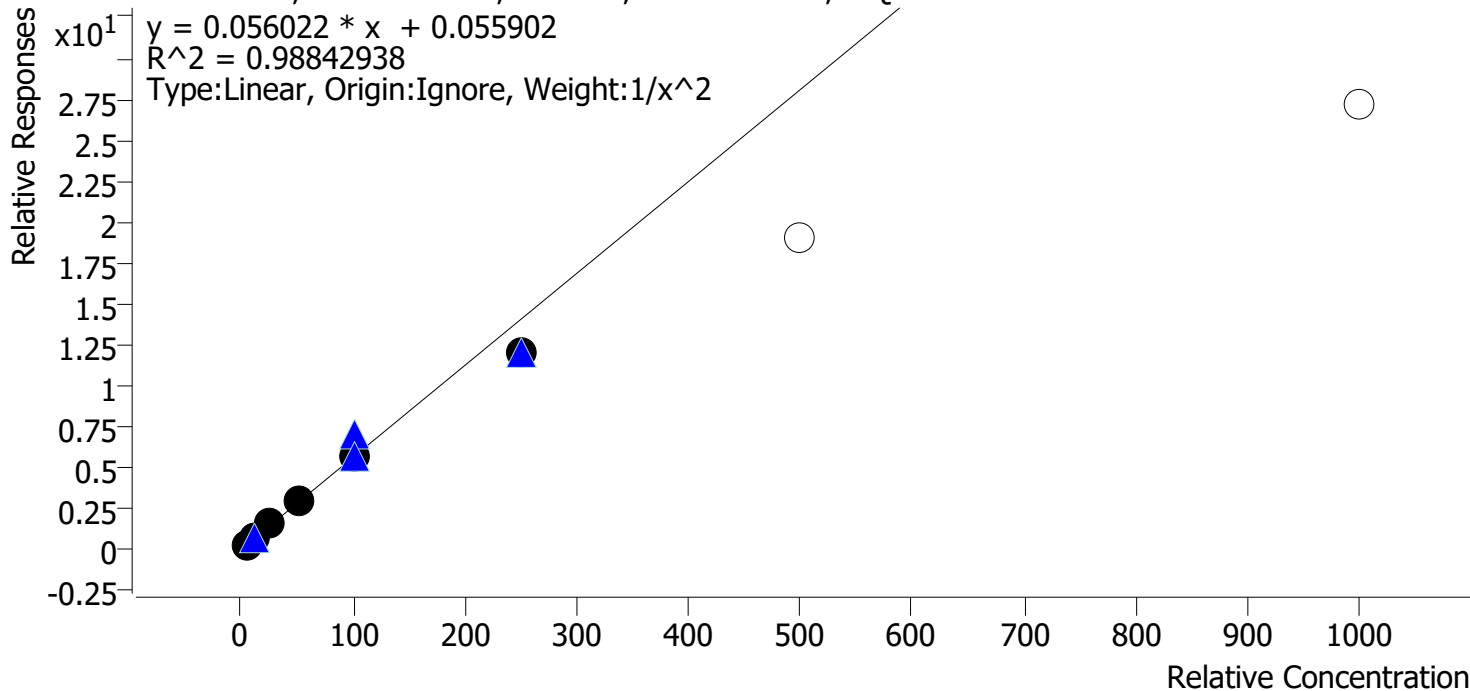
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AM #28 Multi-Drug Quant. Calibration Curve Report

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Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Clonazolam **Internal Standard** Clonazepam-D4

Clonazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



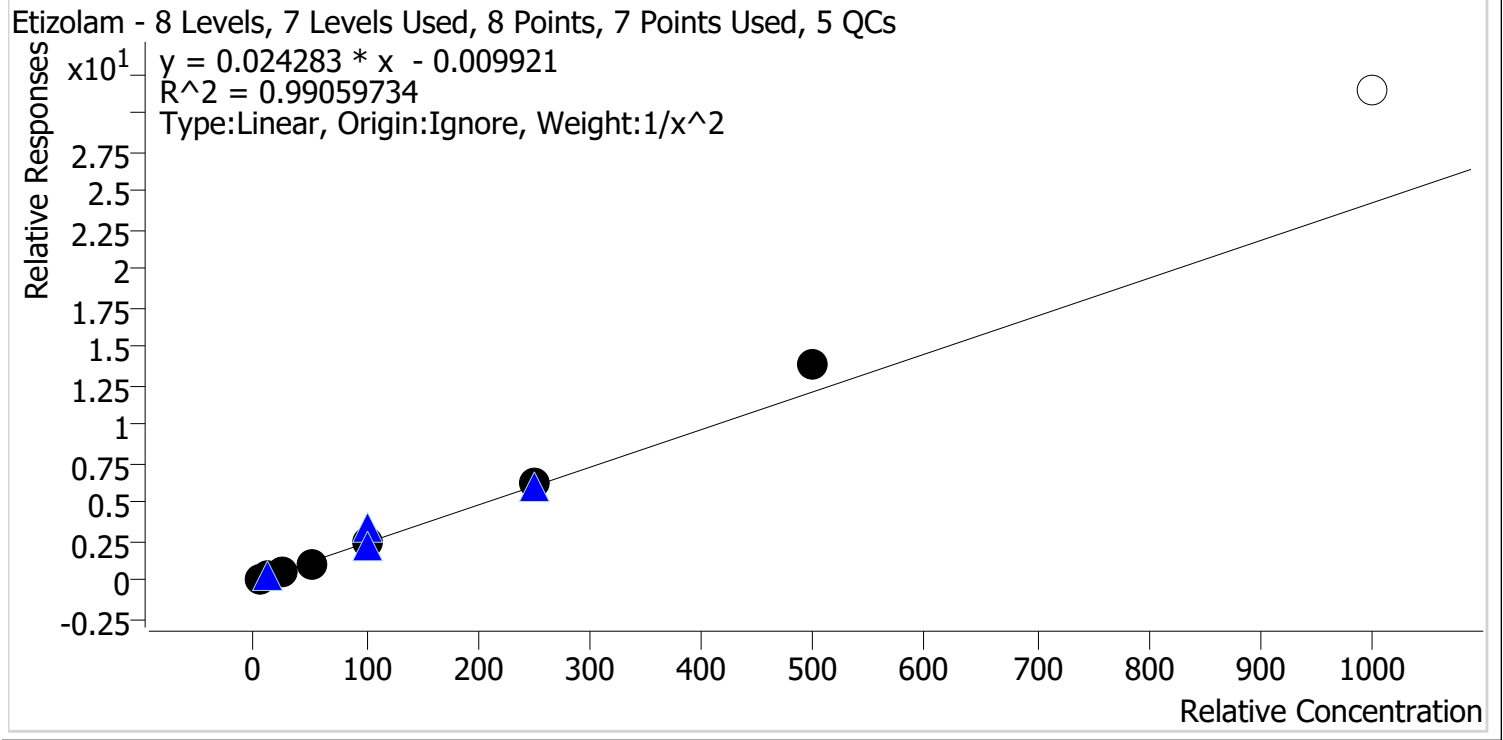
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
TS_p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
TS_p1 Cal 3 -25ng	3	✓	25.0	27.0	108.1
TS_p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
TS_p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
TS_p1 Cal 6-250ng	6	✓	250.0	212.3	84.9
TS_p1 Cal 7-500ng	7	✗	500.0	337.6	67.5
TS_p1 Cal 8-1000ng	8	✗	1000.0	486.1	48.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Etizolam **Internal Standard** Clonazepam-D4



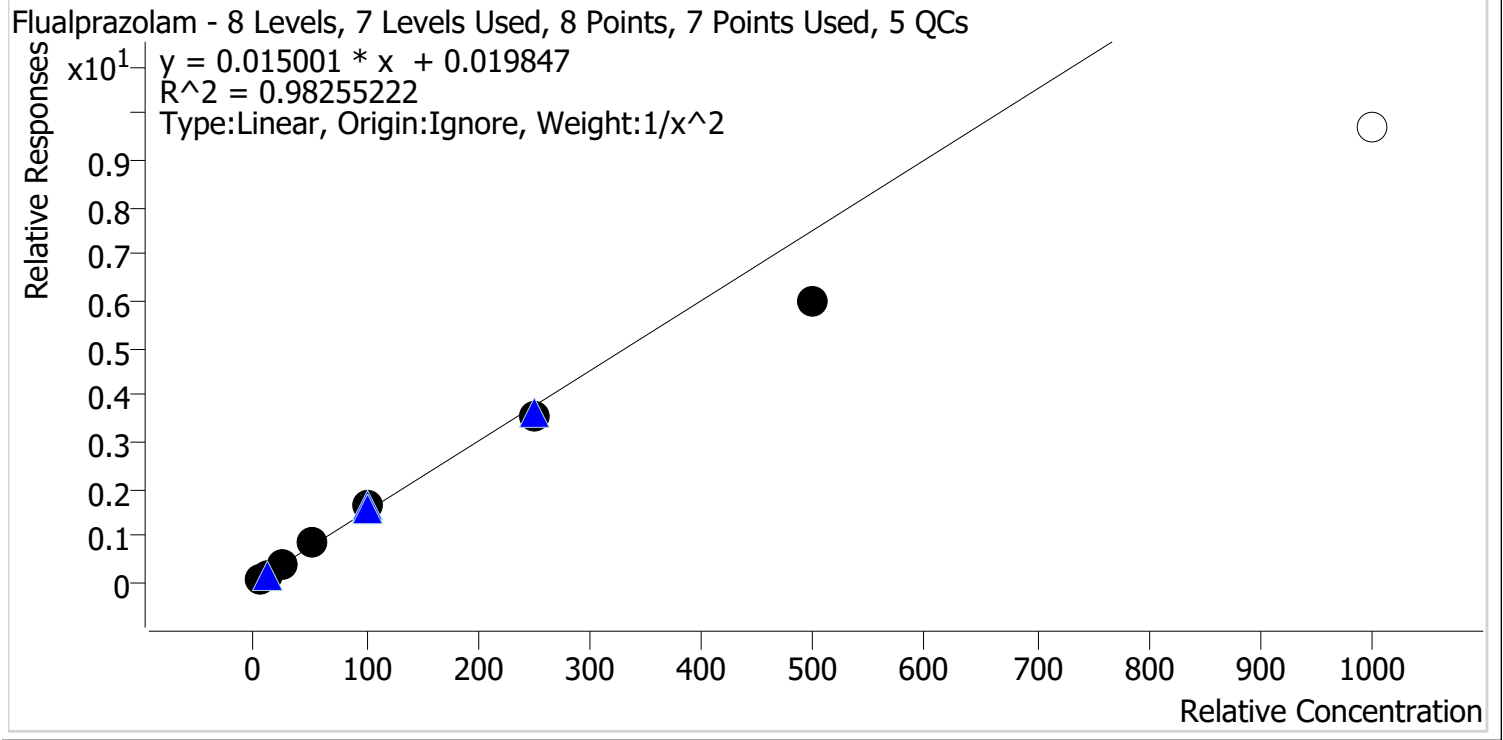
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.3	105.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.4	93.7
TS_p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
TS_p1 Cal 4-50ng	4	✓	50.0	46.1	92.1
TS_p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
TS_p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
TS_p1 Cal 7-500ng	7	✓	500.0	571.8	114.4
TS_p1 Cal 8-1000ng	8	✗	1000.0	1296.9	129.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



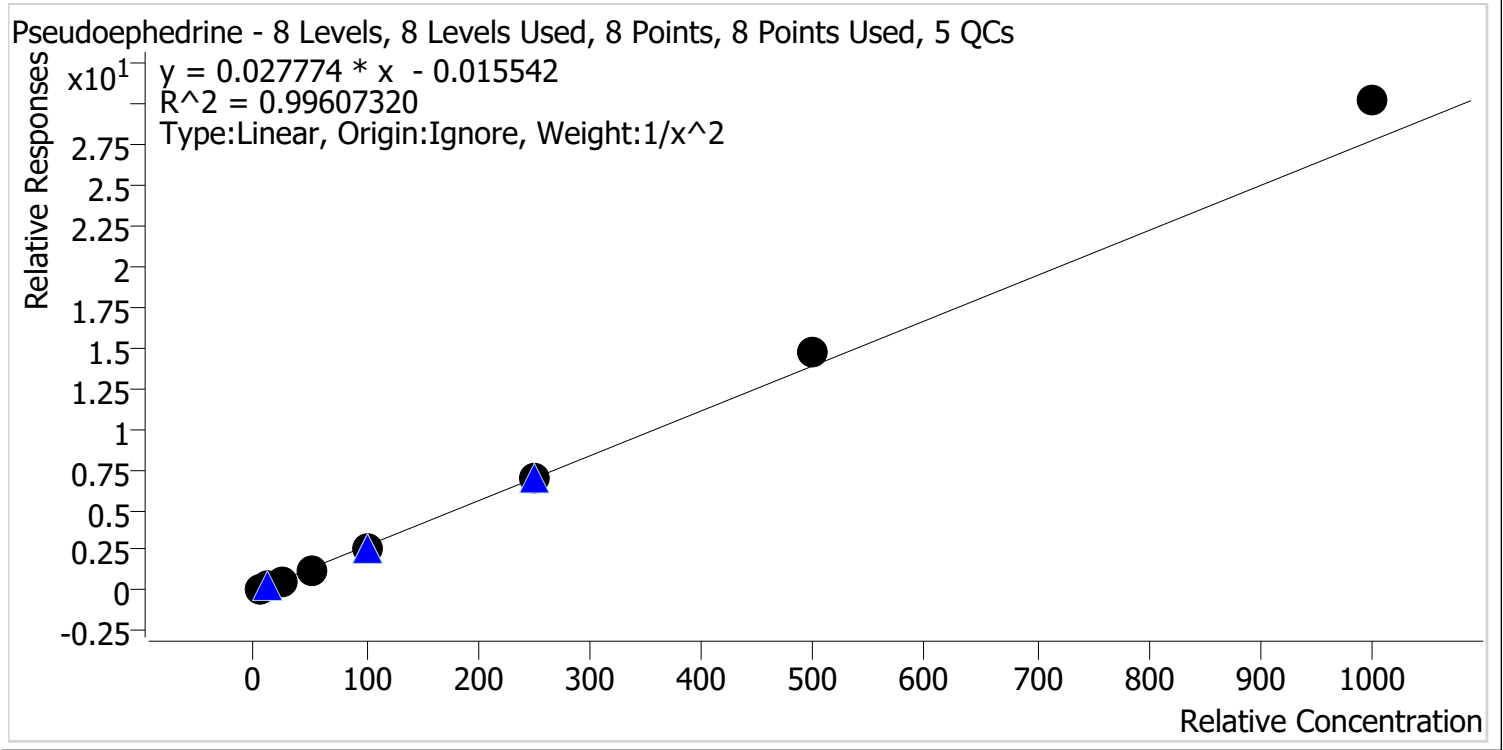
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
TS_p1 Cal 3-25ng	3	✓	25.0	27.1	108.6
TS_p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
TS_p1 Cal 5-100ng	5	✓	100.0	109.0	109.0
TS_p1 Cal 6-250ng	6	✓	250.0	234.5	93.8
TS_p1 Cal 7-500ng	7	✓	500.0	397.0	79.4
TS_p1 Cal 8-1000ng	8	✗	1000.0	648.9	64.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
TS_p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
TS_p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
TS_p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
TS_p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
TS_p1 Cal 7-500ng	7	✓	500.0	526.9	105.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	1088.5	108.9

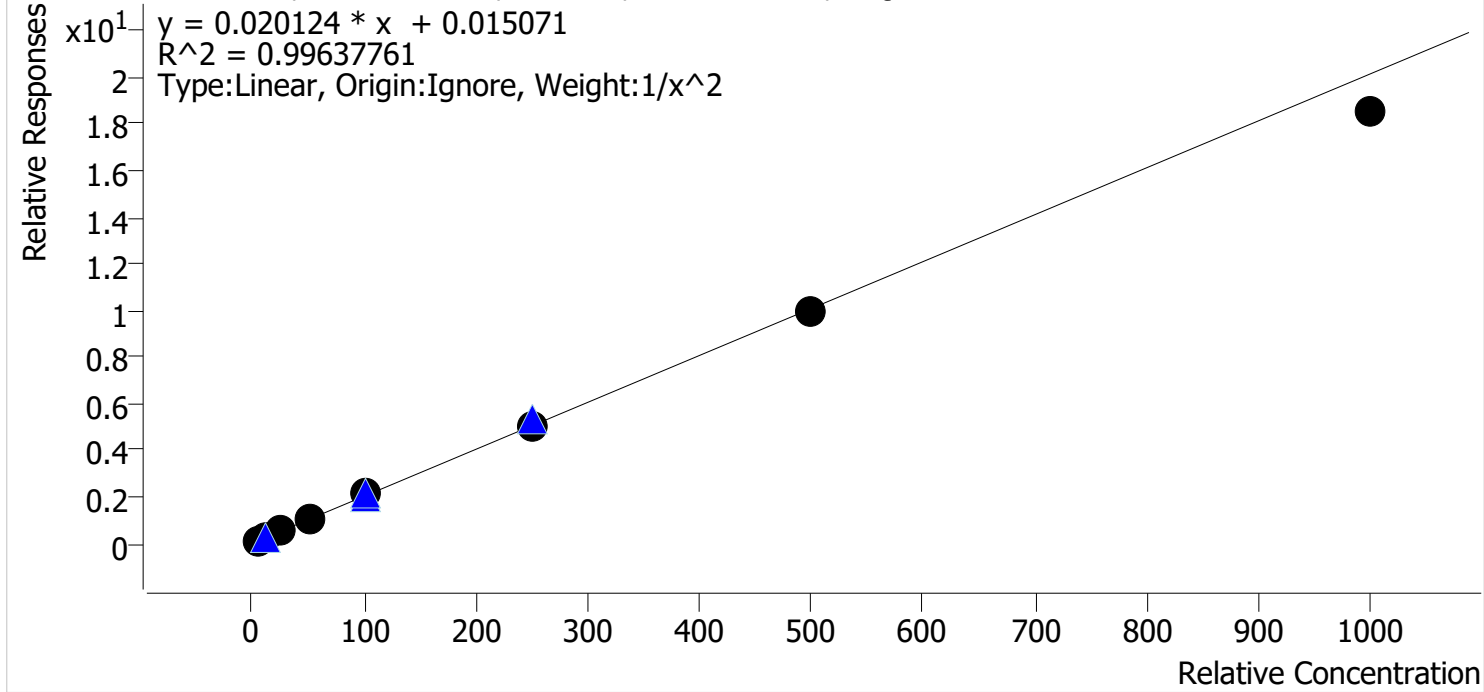
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AM #28 Multi-Drug Quant. Calibration Curve Report

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Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Duloxetine **Internal Standard** Duloxetine-D3

Duloxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
TS_p1 Cal 2-10ng	2	✓	10.0	9.4	93.5
TS_p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
TS_p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
TS_p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
TS_p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
TS_p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	917.0	91.7

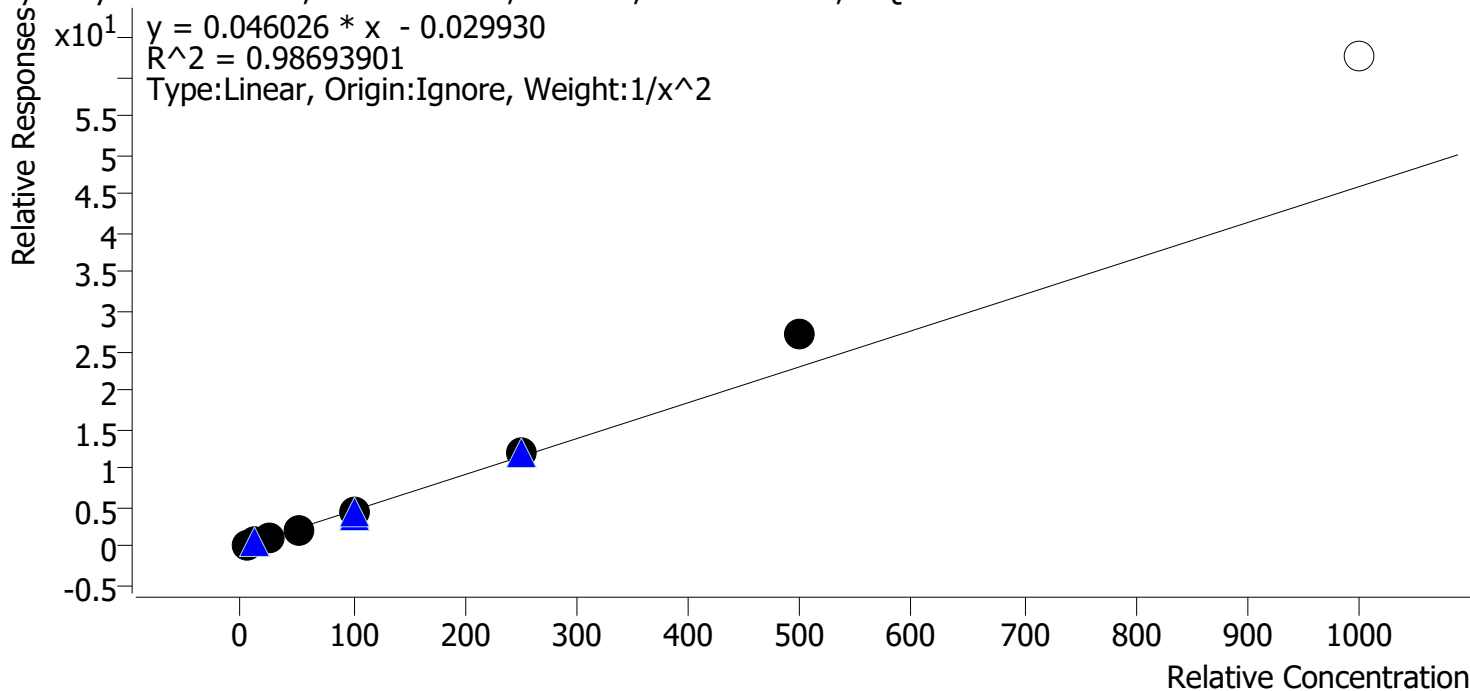
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AM #28 Multi-Drug Quant. Calibration Curve Report

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Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

Hydroxyzine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



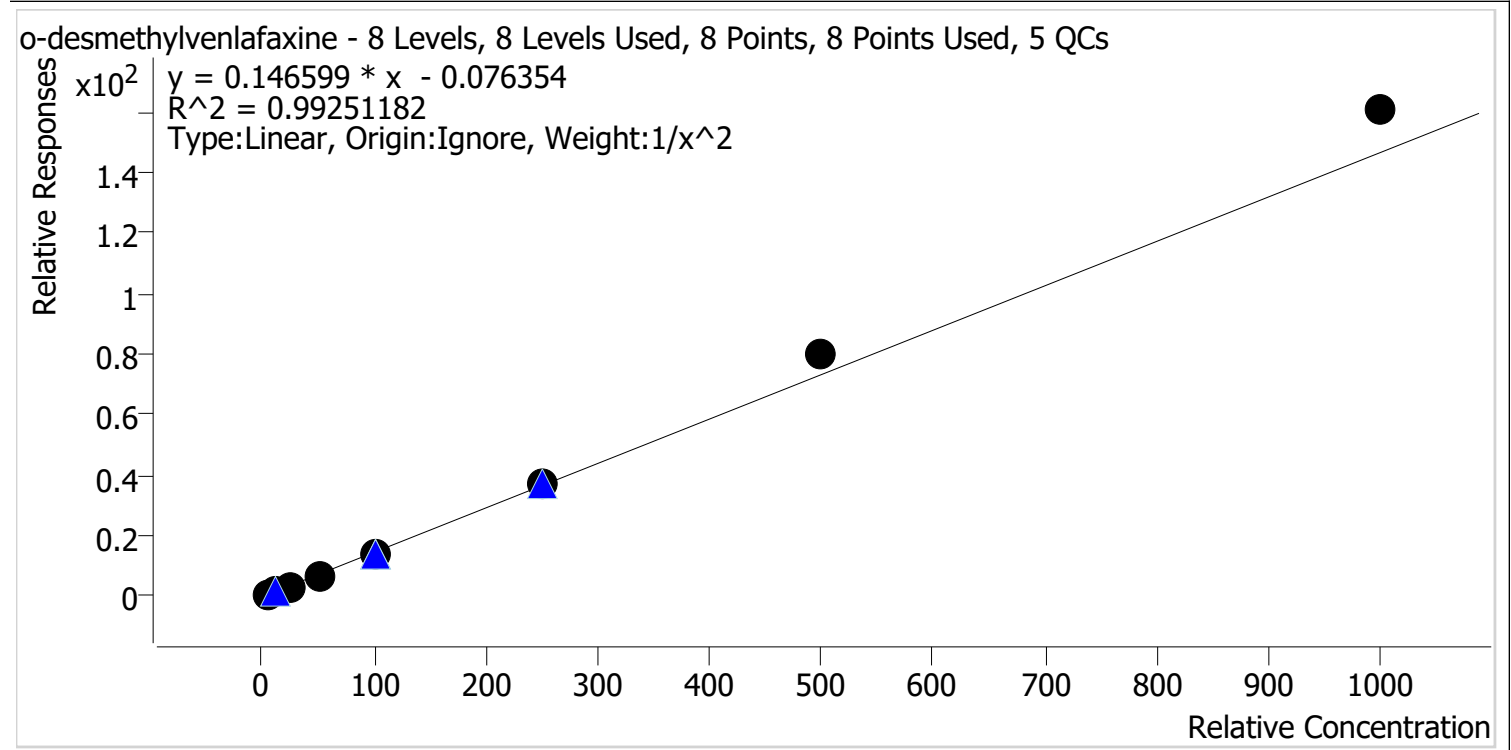
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
TS_p1 Cal 3 -25ng	3	✓	25.0	22.8	91.3
TS_p1 Cal 4-50ng	4	✓	50.0	45.2	90.4
TS_p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
TS_p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
TS_p1 Cal 7-500ng	7	✓	500.0	592.8	118.6
TS_p1 Cal 8-1000ng	8	✗	1000.0	1361.1	136.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
TS_p1 Cal 3 -25ng	3	✓	25.0	22.1	88.3
TS_p1 Cal 4-50ng	4	✓	50.0	46.4	92.8
TS_p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
TS_p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
TS_p1 Cal 7-500ng	7	✓	500.0	545.4	109.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1097.2	109.7

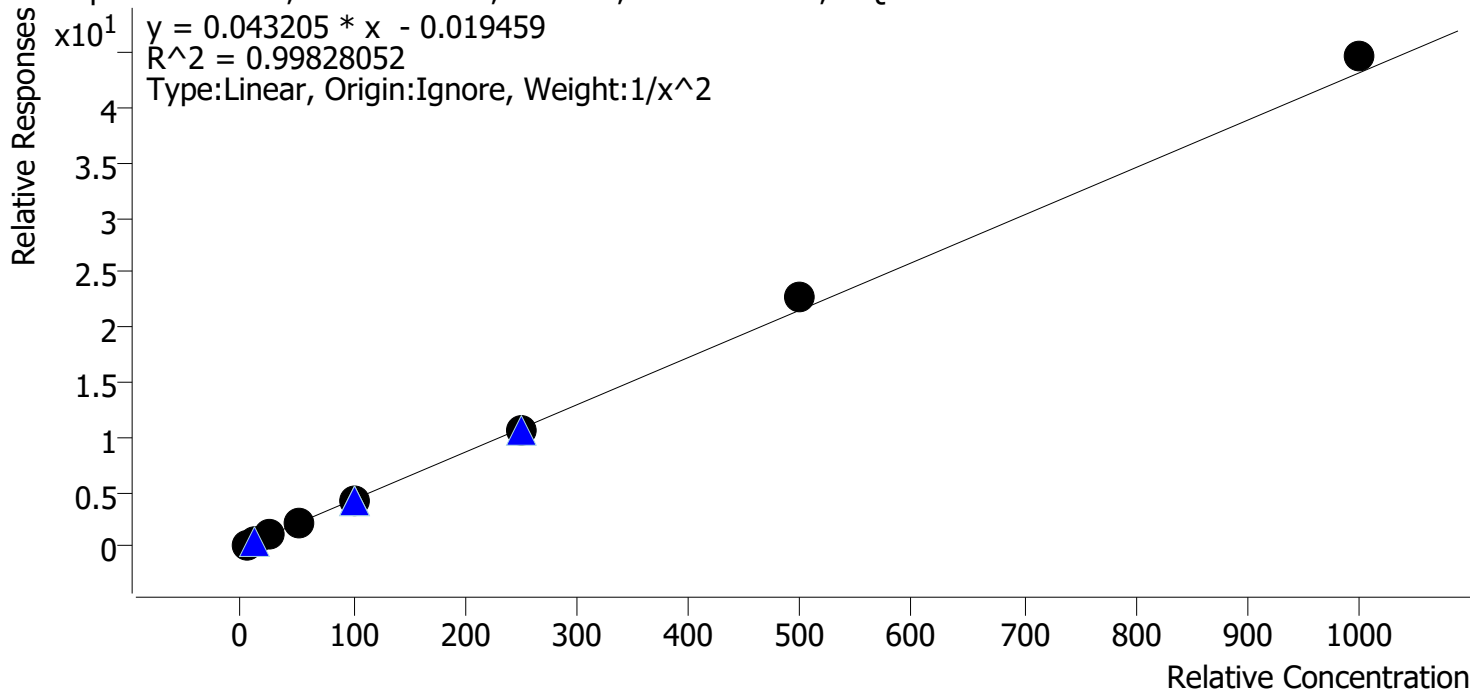
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Olanzapine **Internal Standard** Olanzapine-D8

Olanzapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



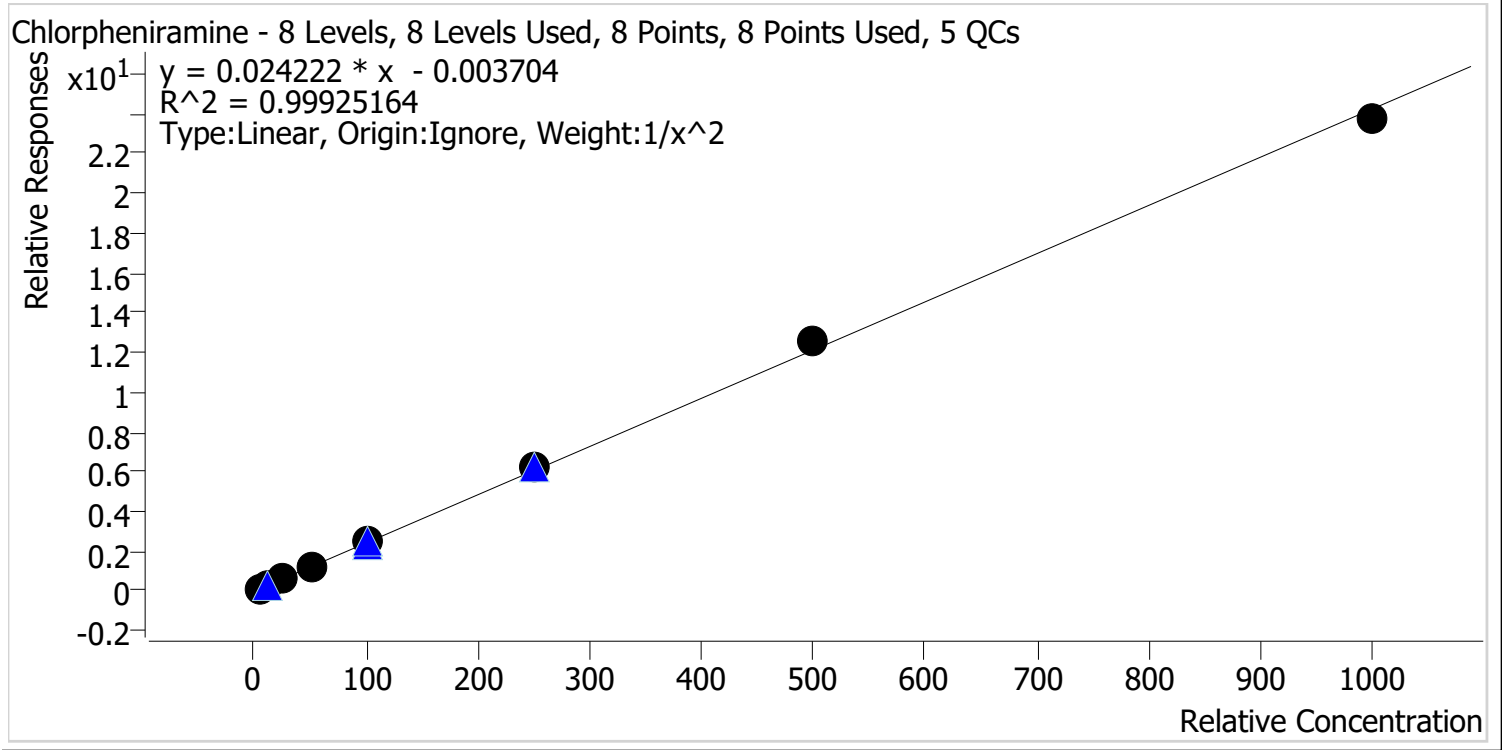
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
TS_p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
TS_p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
TS_p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
TS_p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
TS_p1 Cal 7-500ng	7	✓	500.0	526.2	105.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1034.3	103.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
TS_p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
TS_p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
TS_p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
TS_p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
TS_p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	983.0	98.3

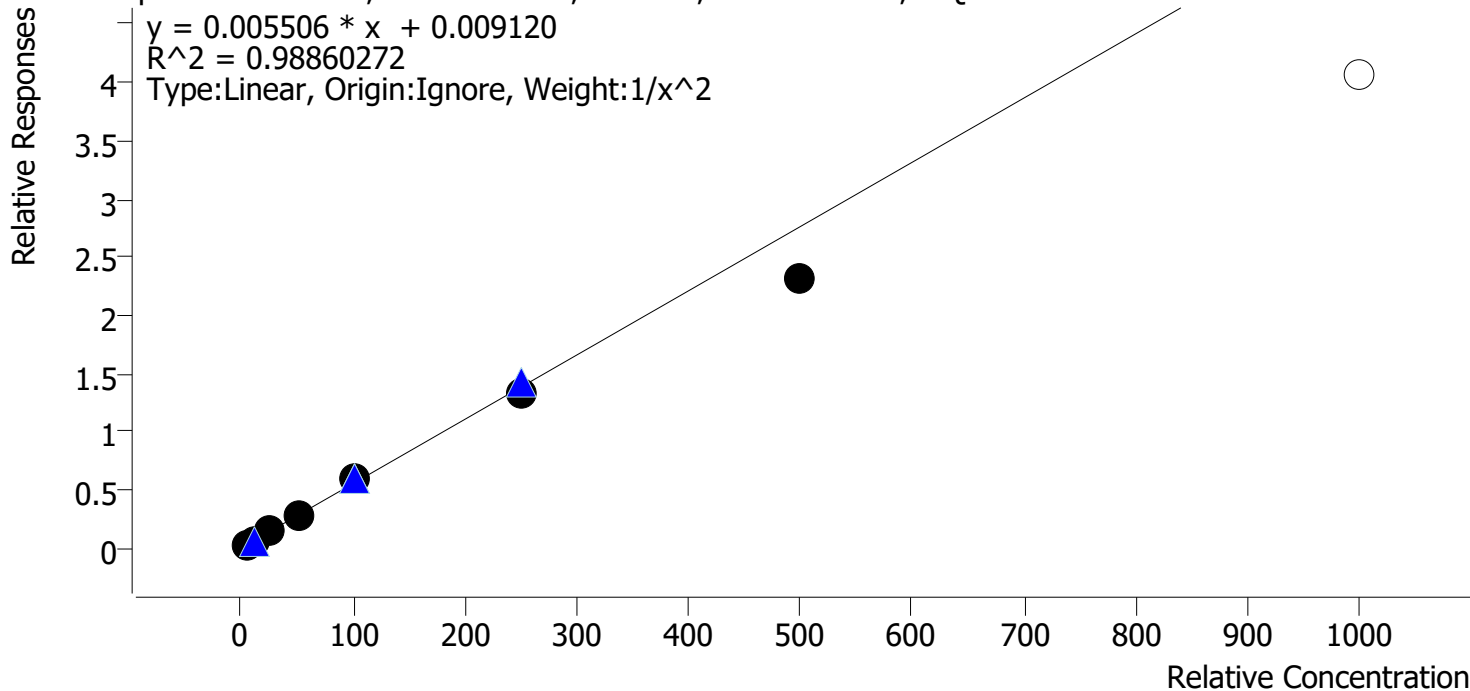
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5

Chlordiazepoxide - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.6	106.4
TS_p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
TS_p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
TS_p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
TS_p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
TS_p1 Cal 7-500ng	7	✓	500.0	418.3	83.7
TS_p1 Cal 8-1000ng	8	✗	1000.0	736.0	73.6

Compound not evaluated due to ratios.

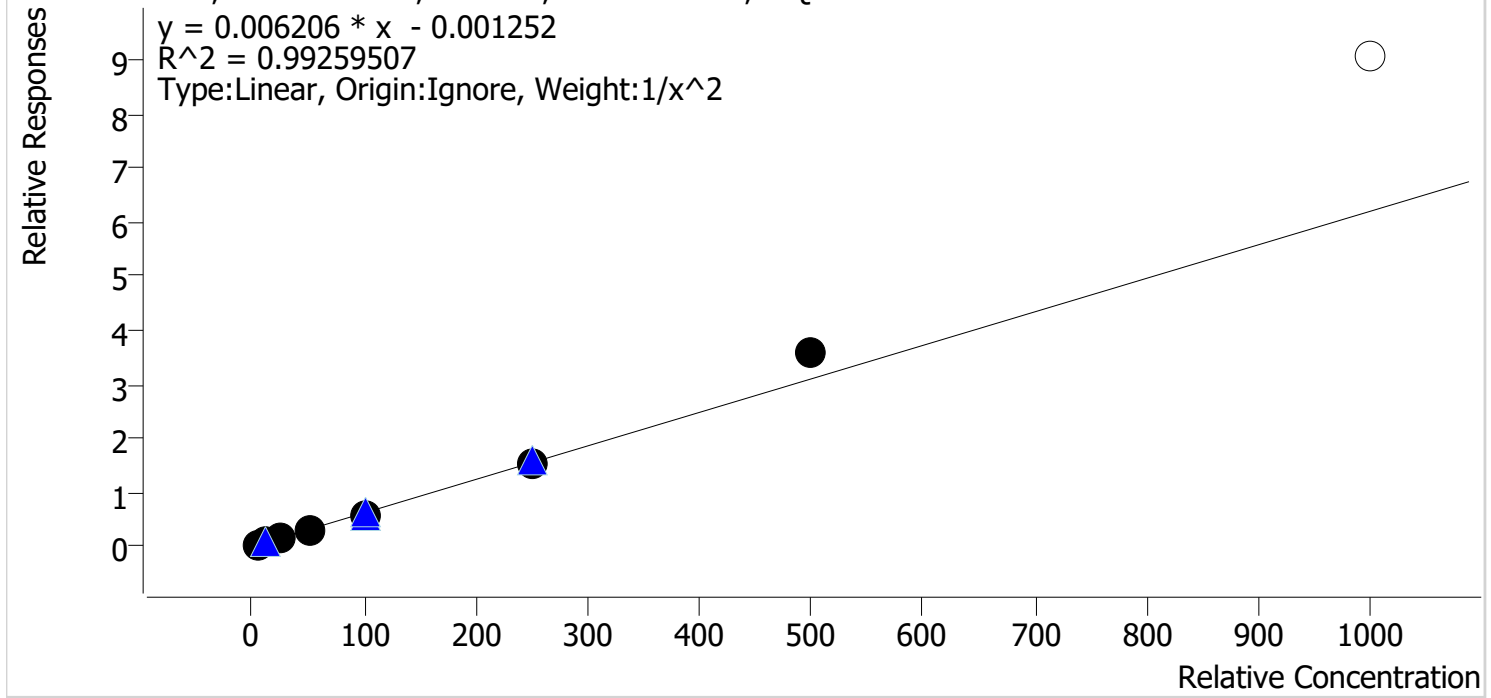
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte DMT **Internal Standard** Dextromethorphan-D3

DMT - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
TS_p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
TS_p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
TS_p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
TS_p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
TS_p1 Cal 7-500ng	7	✓	500.0	574.7	114.9
TS_p1 Cal 8-1000ng	8	✗	1000.0	1461.6	146.2

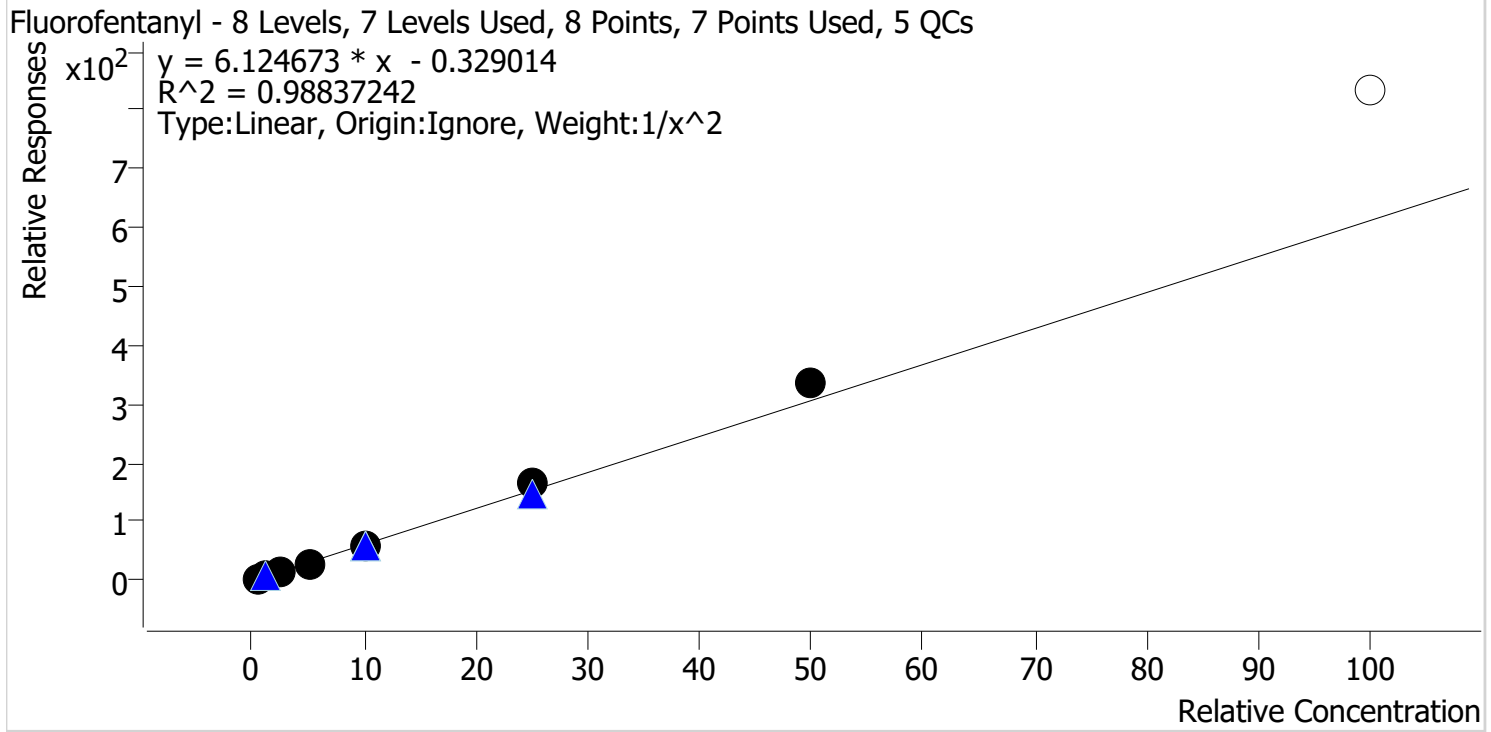
Compound not evaluated due to ratios.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	100.3
TS_p1 Cal 2-10ng	2	✓	1.0	1.1	105.7
TS_p1 Cal 3 -25ng	3	✓	2.5	2.2	89.8
TS_p1 Cal 4-50ng	4	✓	5.0	4.3	86.2
TS_p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
TS_p1 Cal 6-250ng	6	✓	25.0	27.4	109.7
TS_p1 Cal 7-500ng	7	✓	50.0	54.5	109.1
TS_p1 Cal 8-1000ng	8	✗	100.0	136.1	136.1

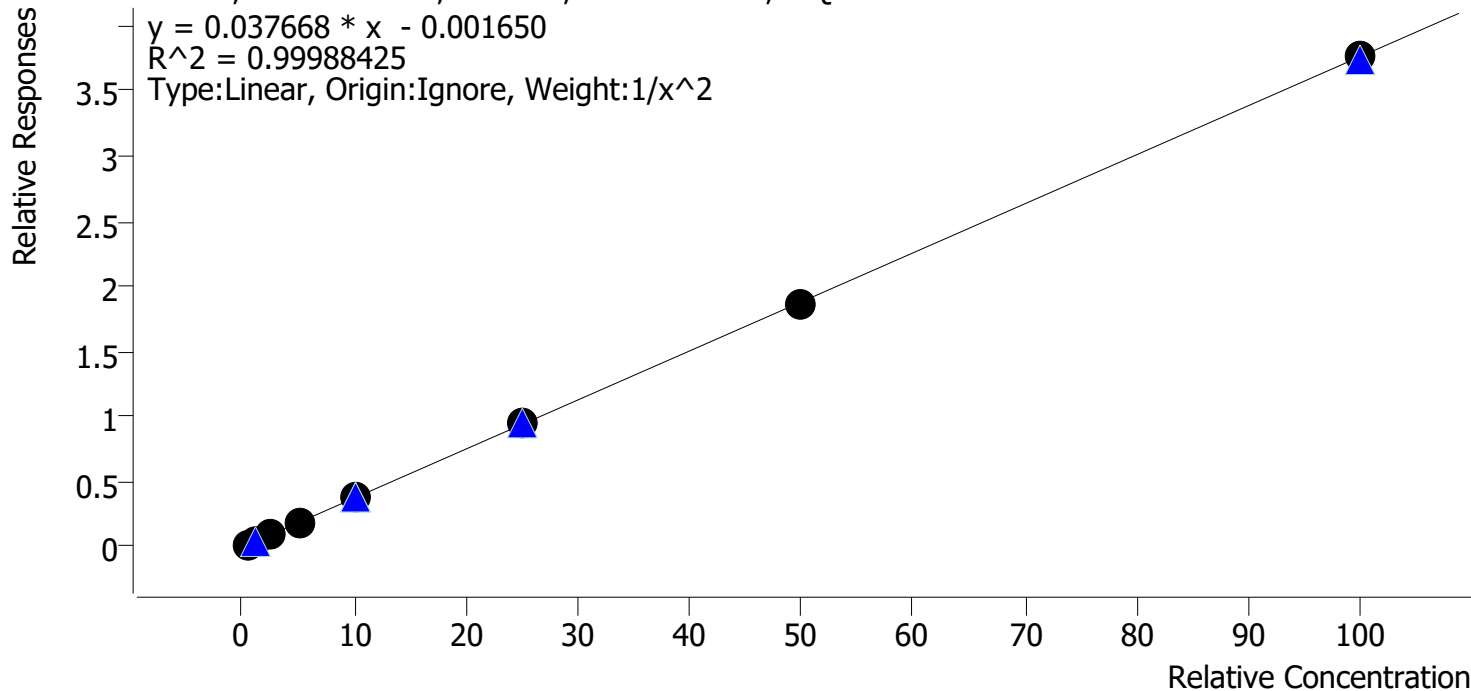
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte 6-MAM **Internal Standard** 6-MAM-D6

6-MAM - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	100.6
TS_p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
TS_p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
TS_p1 Cal 4-50ng	4	✓	5.0	5.0	100.3
TS_p1 Cal 5-100ng	5	✓	10.0	10.0	100.2
TS_p1 Cal 6-250ng	6	✓	25.0	24.9	99.8
TS_p1 Cal 7-500ng	7	✓	50.0	49.7	99.5
TS_p1 Cal 8-1000ng	8	✓	100.0	100.0	100.0

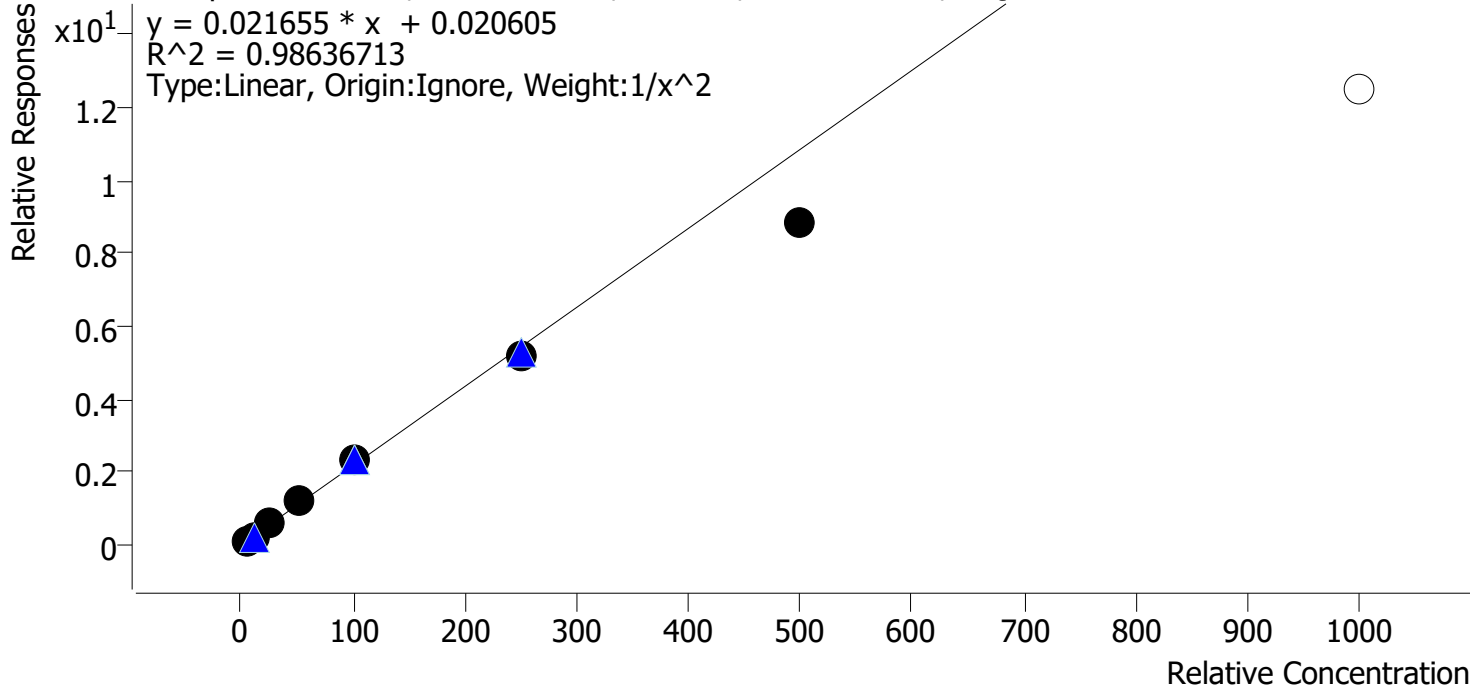
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
TS_p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
TS_p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
TS_p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
TS_p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
TS_p1 Cal 6-250ng	6	✓	250.0	238.8	95.5
TS_p1 Cal 7-500ng	7	✓	500.0	408.4	81.7
TS_p1 Cal 8-1000ng	8	✗	1000.0	576.2	57.6

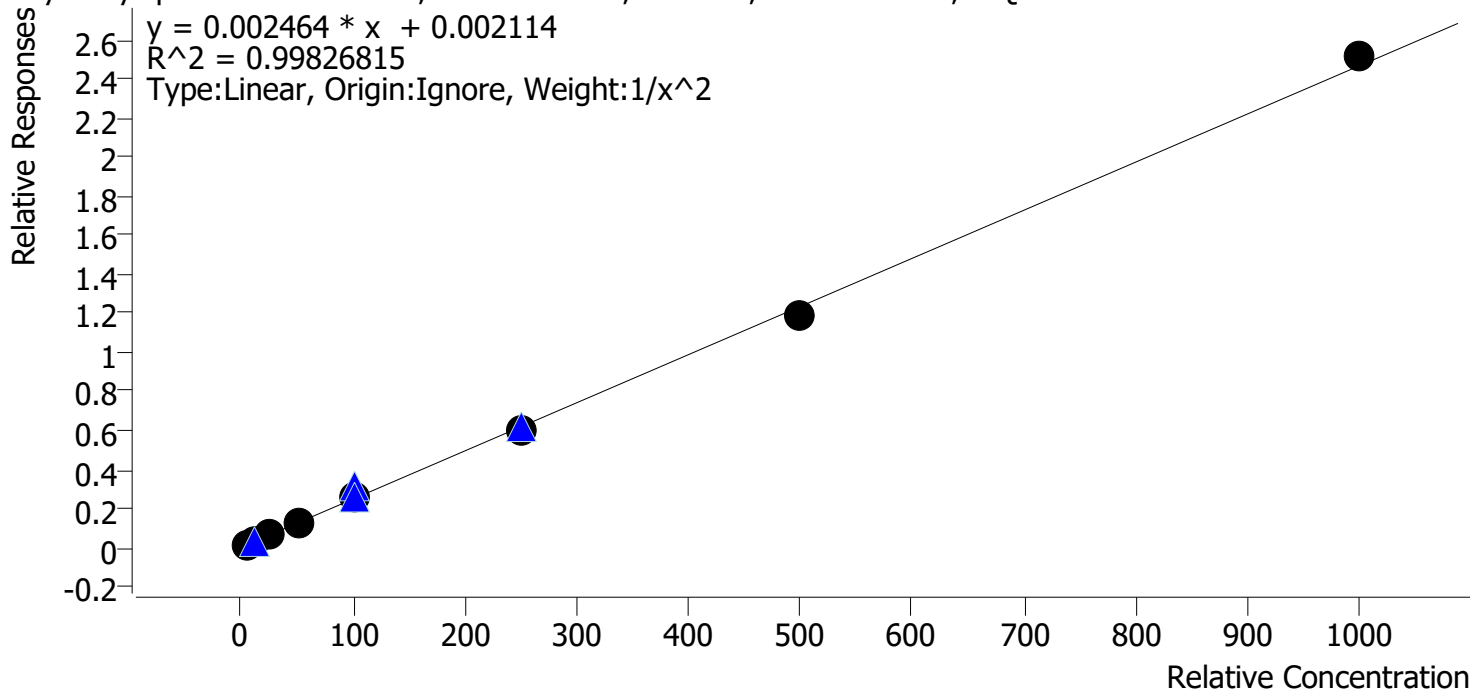
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



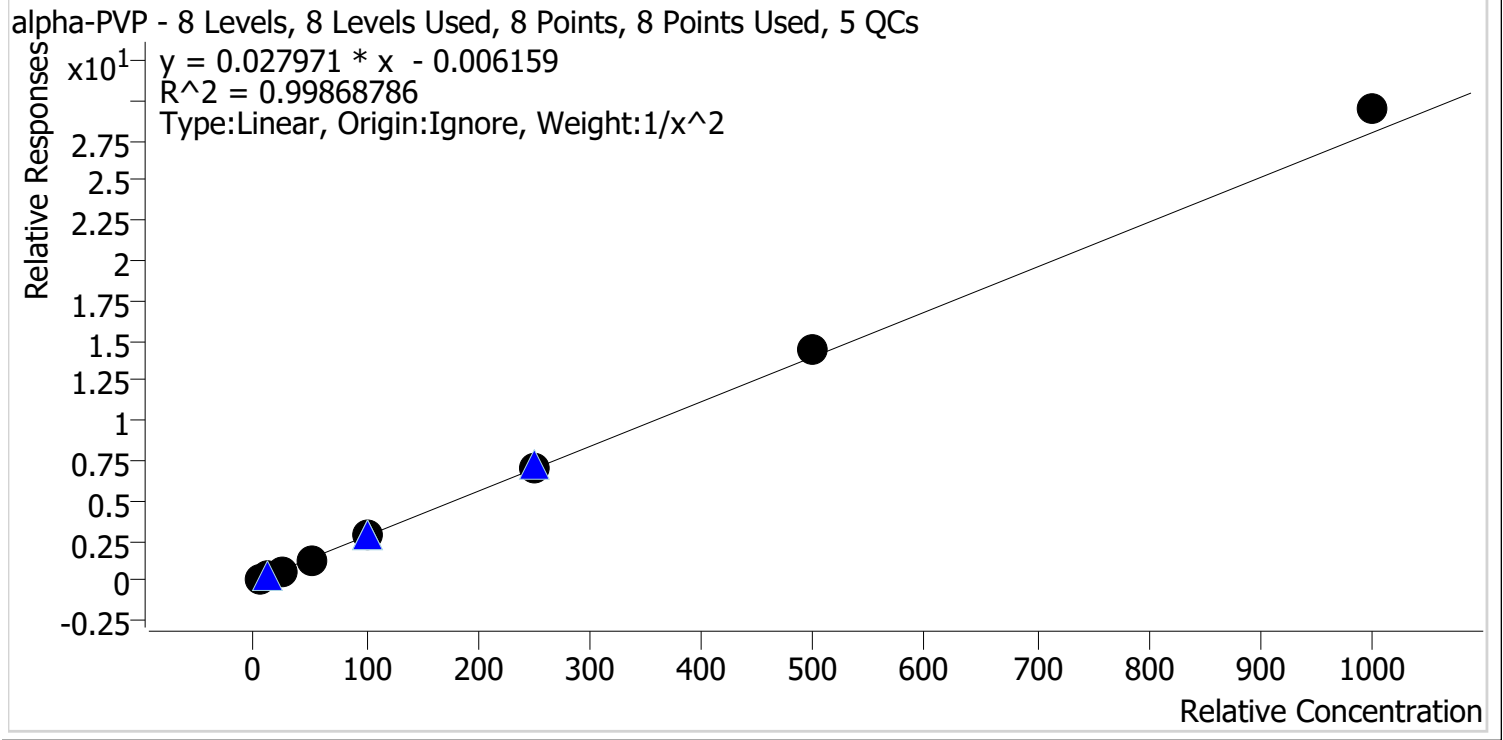
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
TS_p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
TS_p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
TS_p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
TS_p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
TS_p1 Cal 7-500ng	7	✓	500.0	482.5	96.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	1019.3	101.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8



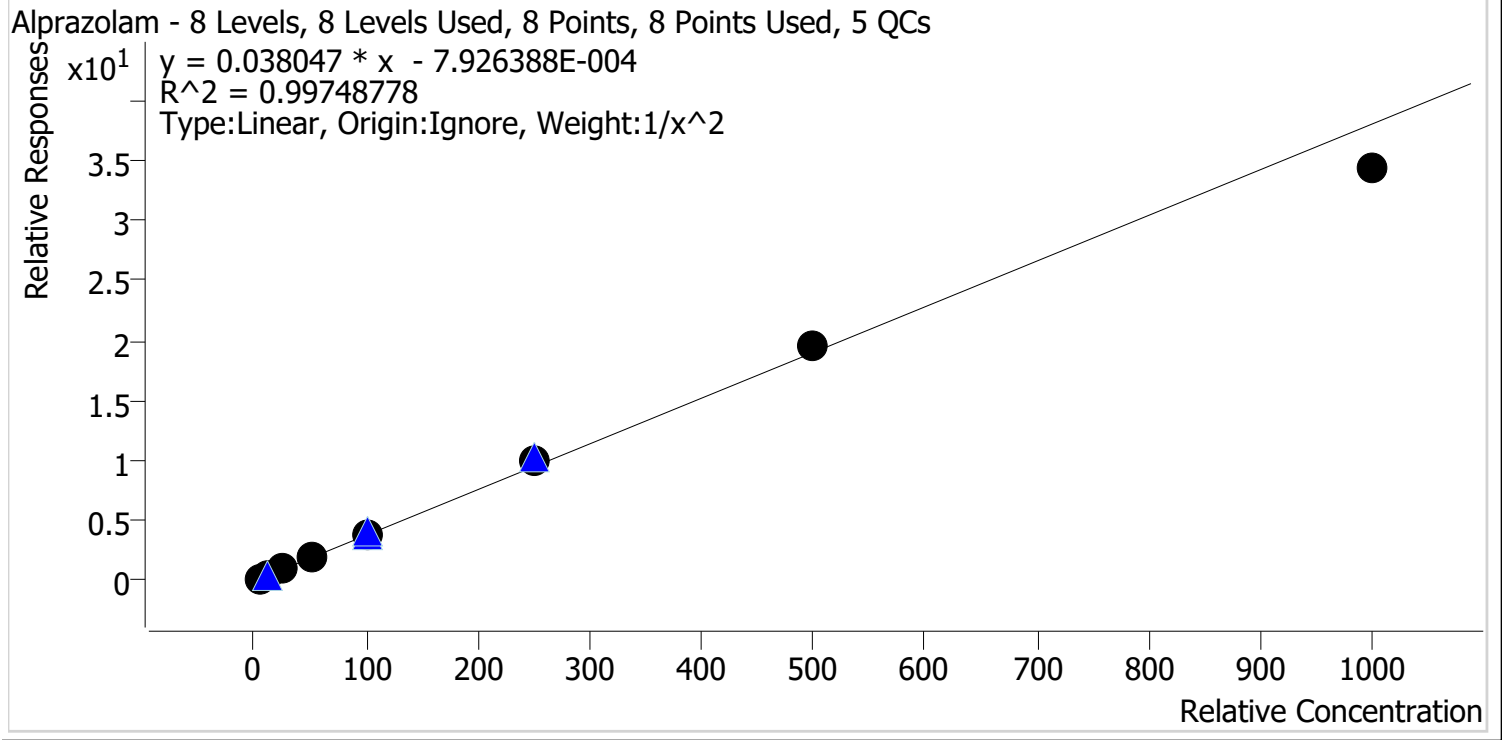
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
TS_p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
TS_p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
TS_p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
TS_p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
TS_p1 Cal 7-500ng	7	✓	500.0	516.1	103.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1050.7	105.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
TS_p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
TS_p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
TS_p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
TS_p1 Cal 6-250ng	6	✓	250.0	260.8	104.3
TS_p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	901.7	90.2

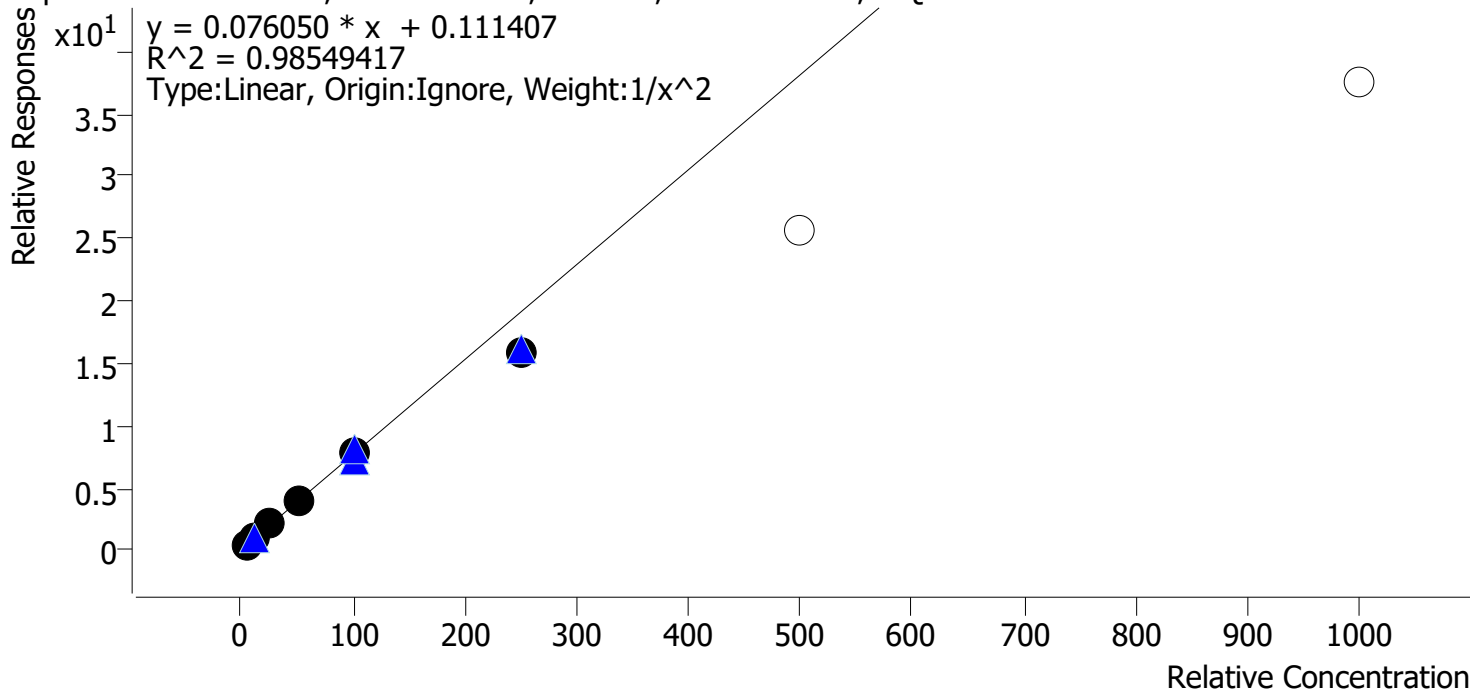
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



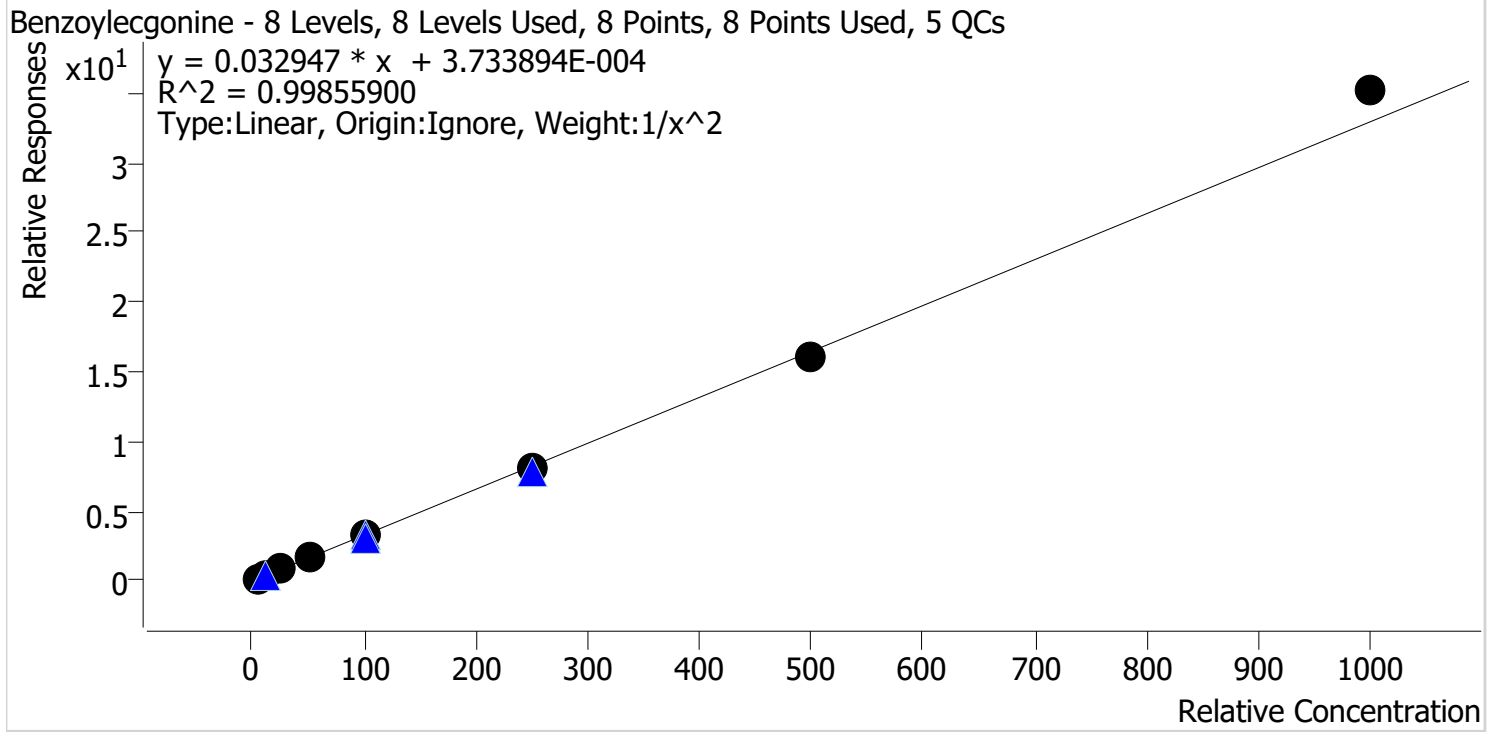
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
TS_p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
TS_p1 Cal 3 -25ng	3	✓	25.0	27.4	109.4
TS_p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
TS_p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
TS_p1 Cal 6-250ng	6	✓	250.0	205.3	82.1
TS_p1 Cal 7-500ng	7	✗	500.0	335.3	67.1
TS_p1 Cal 8-1000ng	8	✗	1000.0	490.7	49.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
TS_p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
TS_p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
TS_p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
TS_p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
TS_p1 Cal 7-500ng	7	✓	500.0	489.6	97.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1068.0	106.8

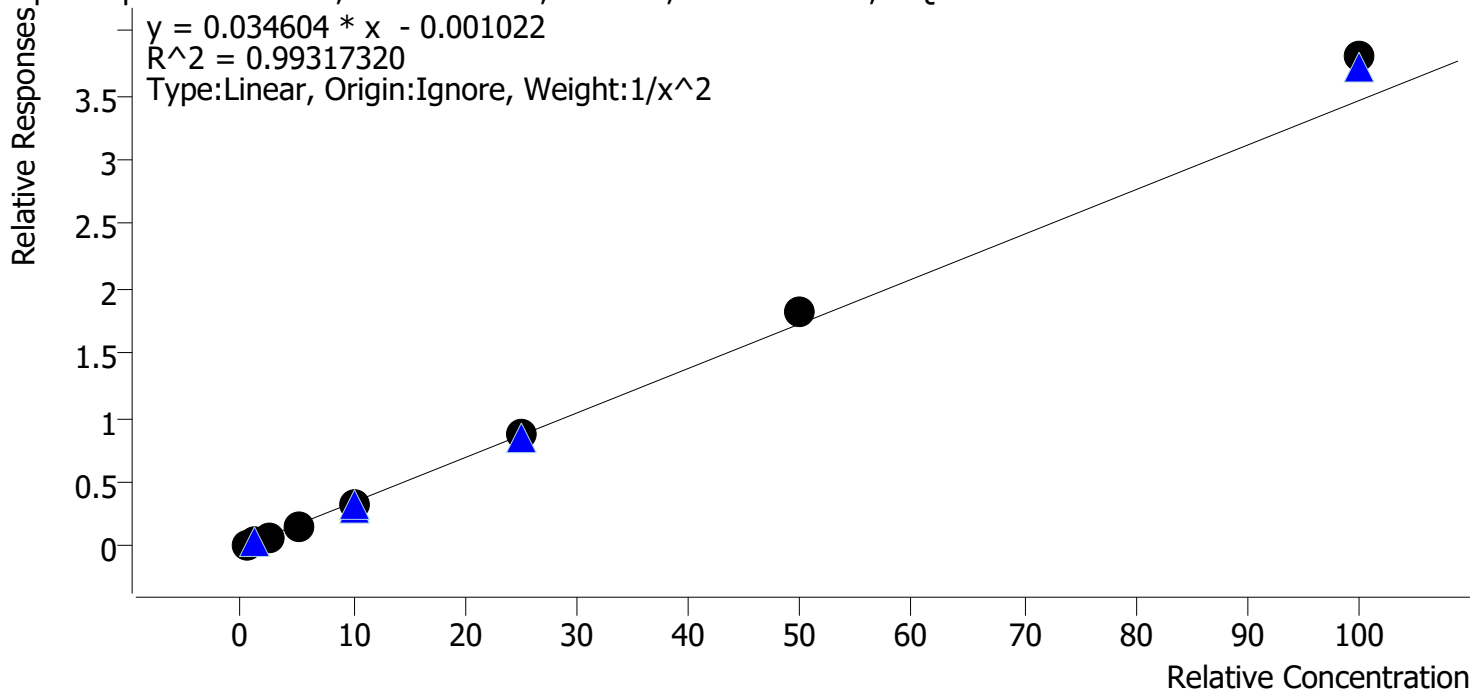
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



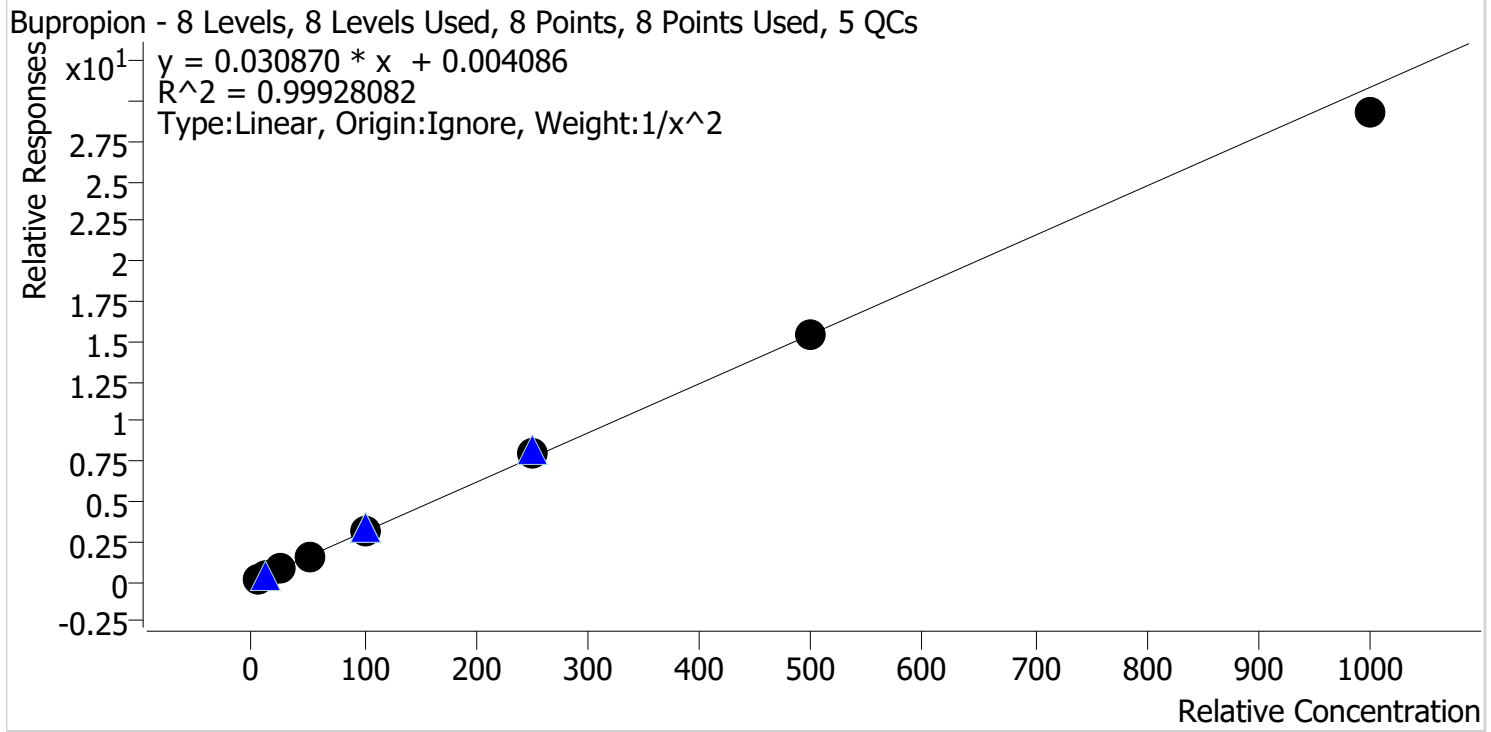
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	99.2
TS_p1 Cal 2-10ng	2	✓	1.0	1.1	107.4
TS_p1 Cal 3 -25ng	3	✓	2.5	2.2	89.5
TS_p1 Cal 4-50ng	4	✓	5.0	4.6	92.5
TS_p1 Cal 5-100ng	5	✓	10.0	9.6	96.4
TS_p1 Cal 6-250ng	6	✓	25.0	24.9	99.7
TS_p1 Cal 7-500ng	7	✓	50.0	52.7	105.4
TS_p1 Cal 8-1000ng	8	✓	100.0	109.8	109.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Bupropion **Internal Standard** Bupropion-D9



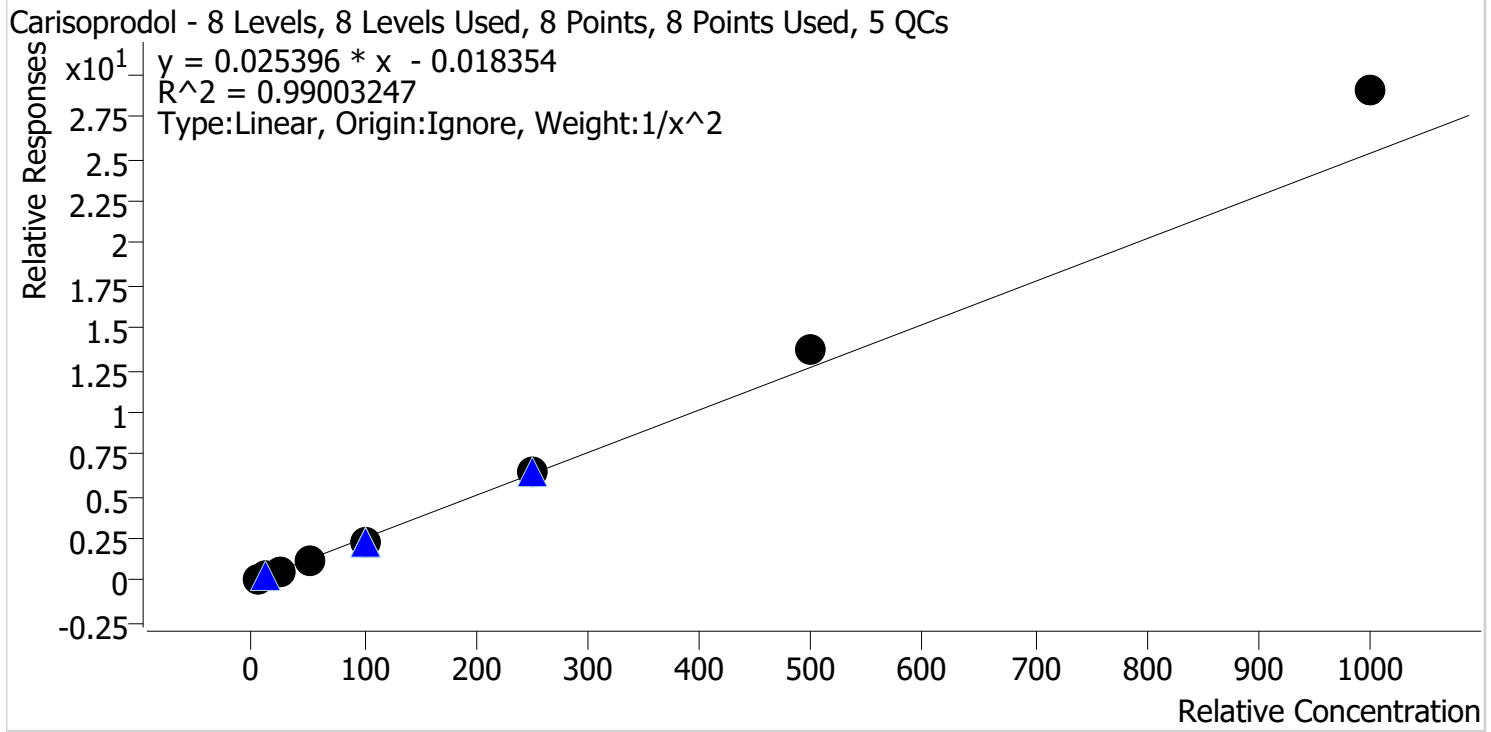
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
TS_p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
TS_p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
TS_p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
TS_p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
TS_p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	950.7	95.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
TS_p1 Cal 3 -25ng	3	✓	25.0	22.7	90.9
TS_p1 Cal 4-50ng	4	✓	50.0	44.7	89.4
TS_p1 Cal 5-100ng	5	✓	100.0	94.4	94.4
TS_p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
TS_p1 Cal 7-500ng	7	✓	500.0	540.5	108.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1146.5	114.6

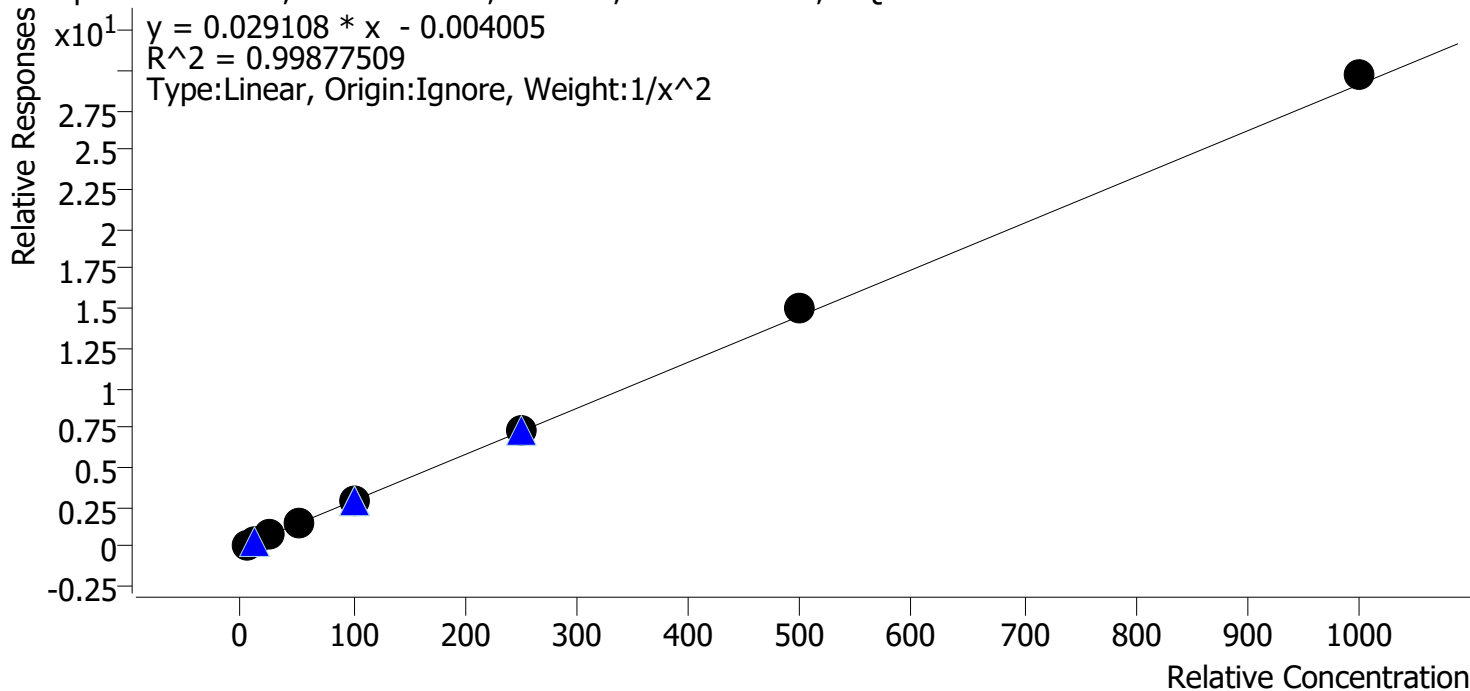
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



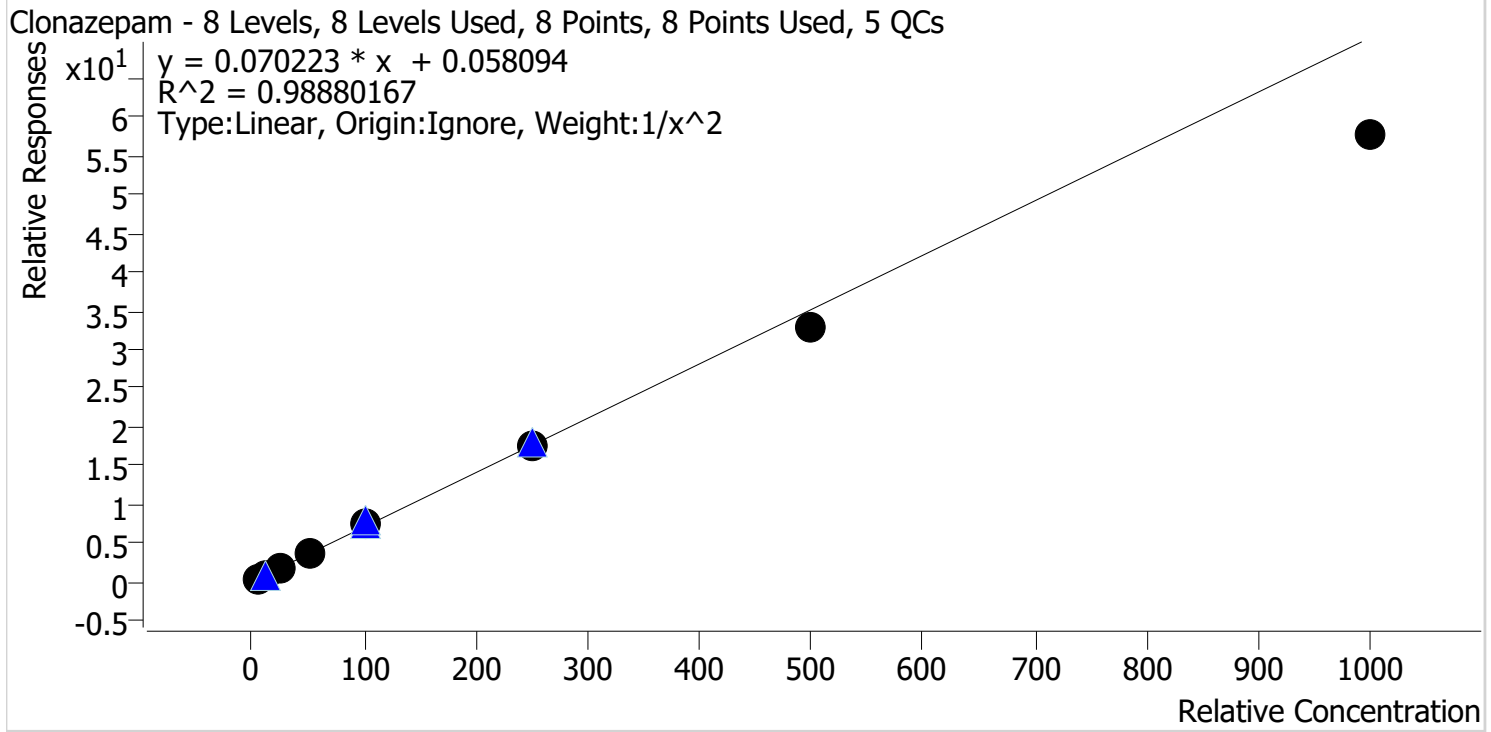
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
TS_p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
TS_p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
TS_p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
TS_p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
TS_p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	1025.1	102.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
TS_p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
TS_p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
TS_p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
TS_p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
TS_p1 Cal 7-500ng	7	✓	500.0	469.5	93.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	821.3	82.1

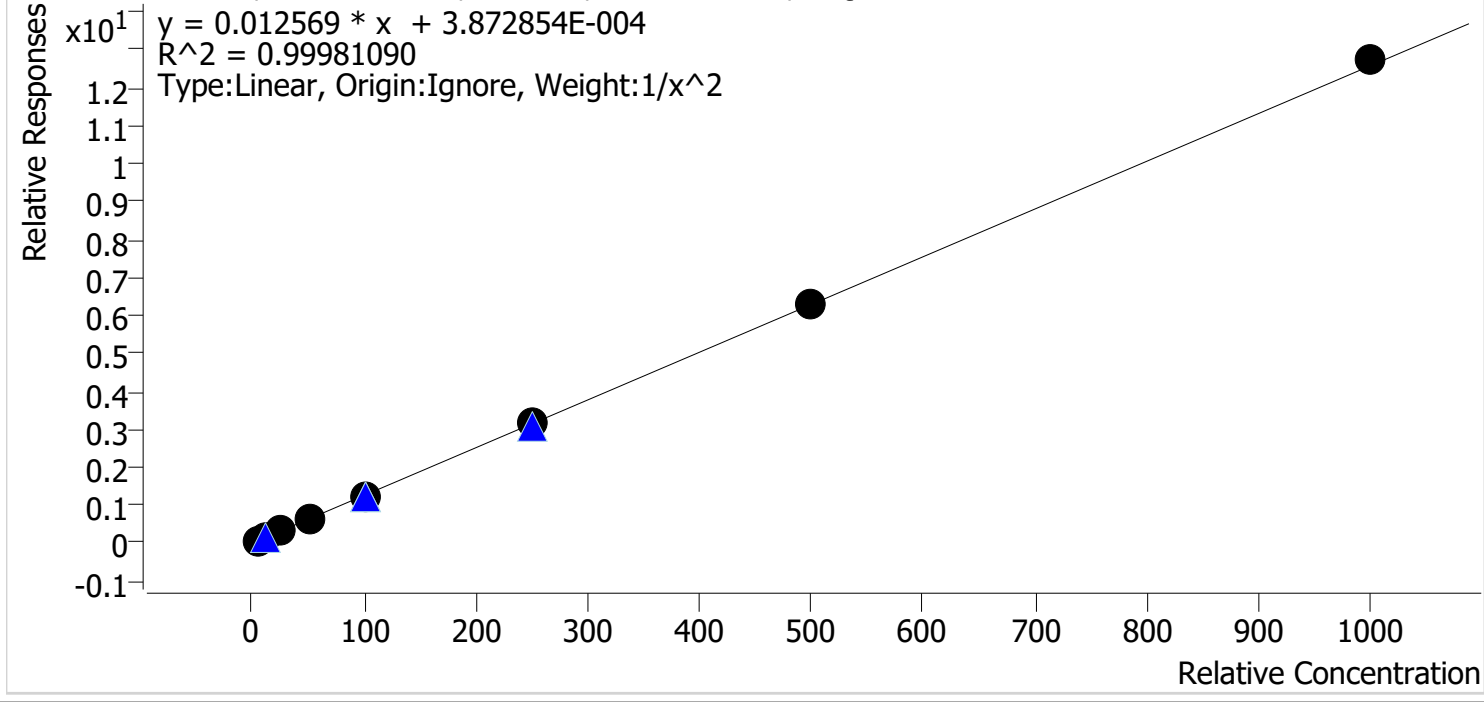
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Cocaine **Internal Standard** Cocaine-D3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
TS_p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
TS_p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
TS_p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
TS_p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
TS_p1 Cal 7-500ng	7	✓	500.0	499.3	99.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1010.4	101.0

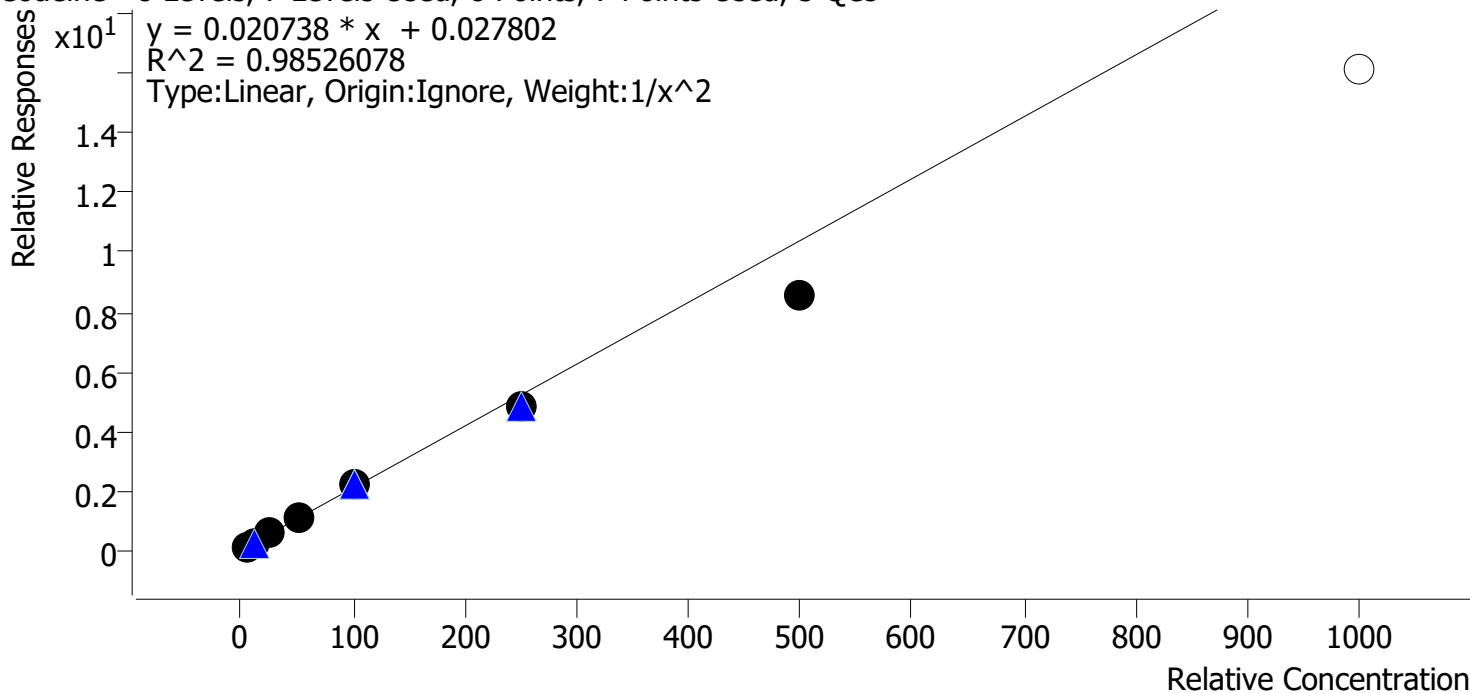
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
TS_p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
TS_p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
TS_p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
TS_p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
TS_p1 Cal 6-250ng	6	✓	250.0	233.4	93.4
TS_p1 Cal 7-500ng	7	✓	500.0	409.0	81.8
TS_p1 Cal 8-1000ng	8	✗	1000.0	778.1	77.8

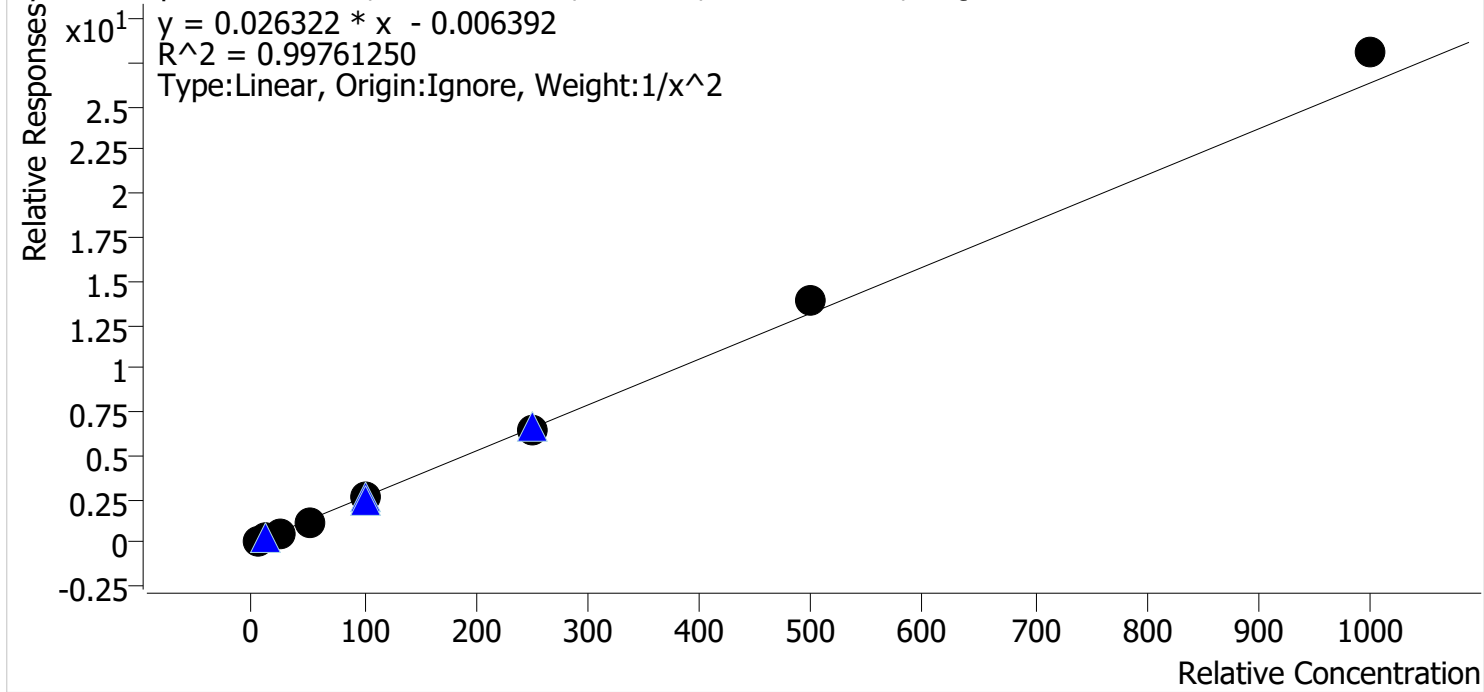
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
TS_p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
TS_p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
TS_p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
TS_p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
TS_p1 Cal 7-500ng	7	✓	500.0	526.1	105.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1064.5	106.5

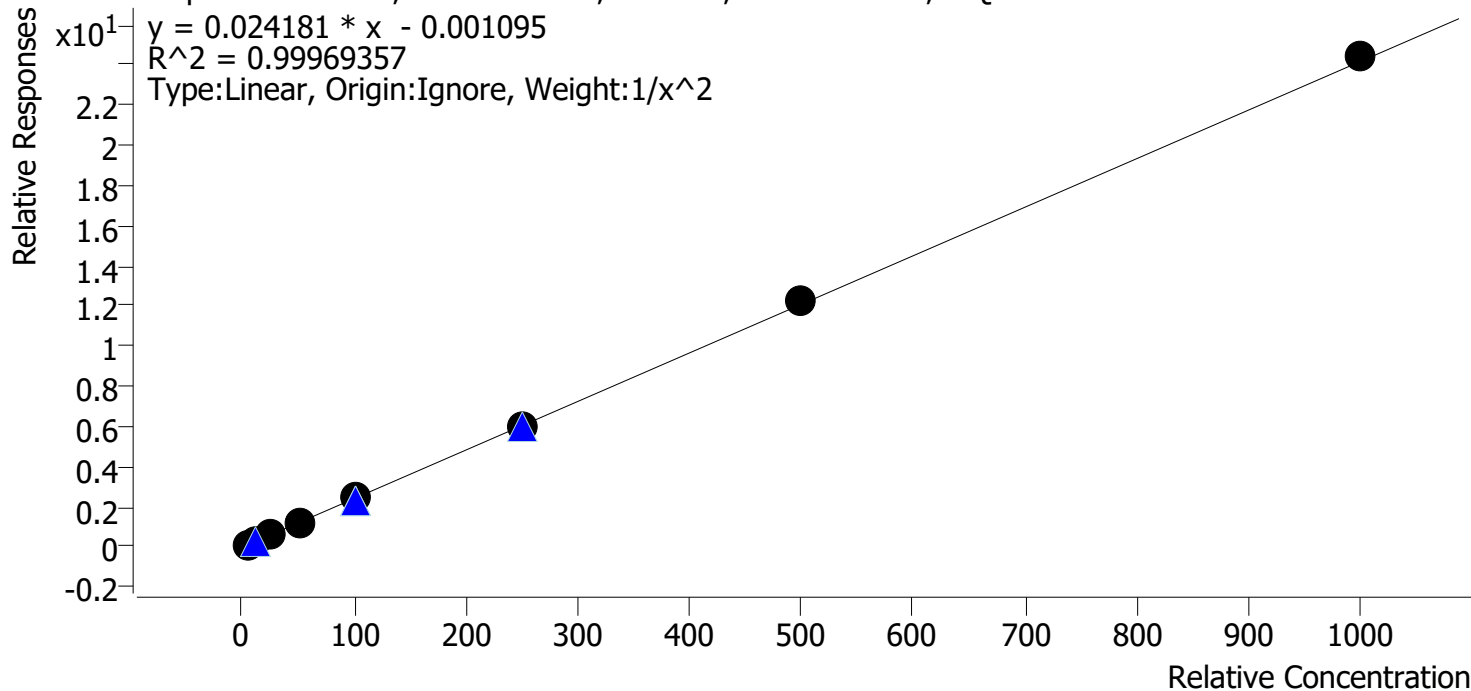
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



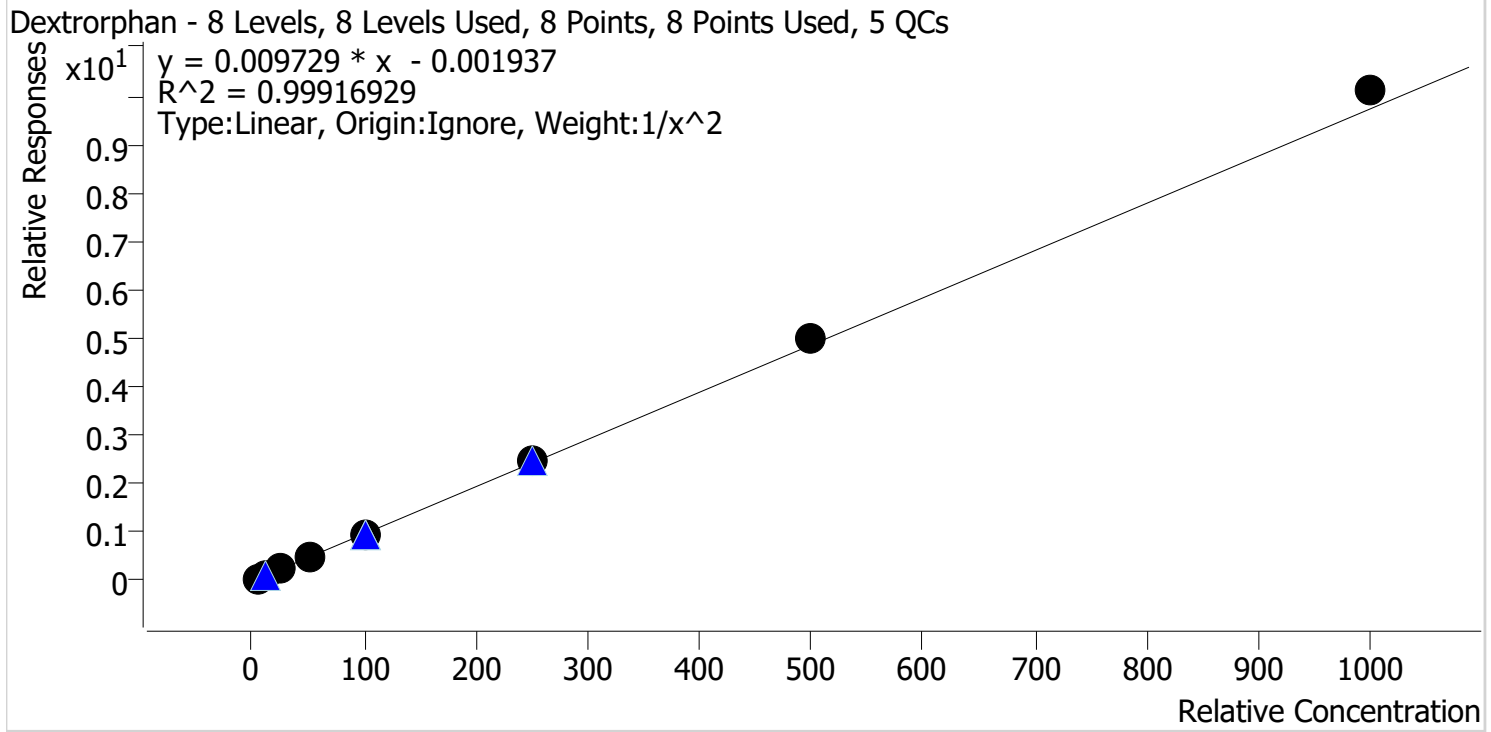
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
TS_p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
TS_p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
TS_p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
TS_p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
TS_p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	1010.3	101.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



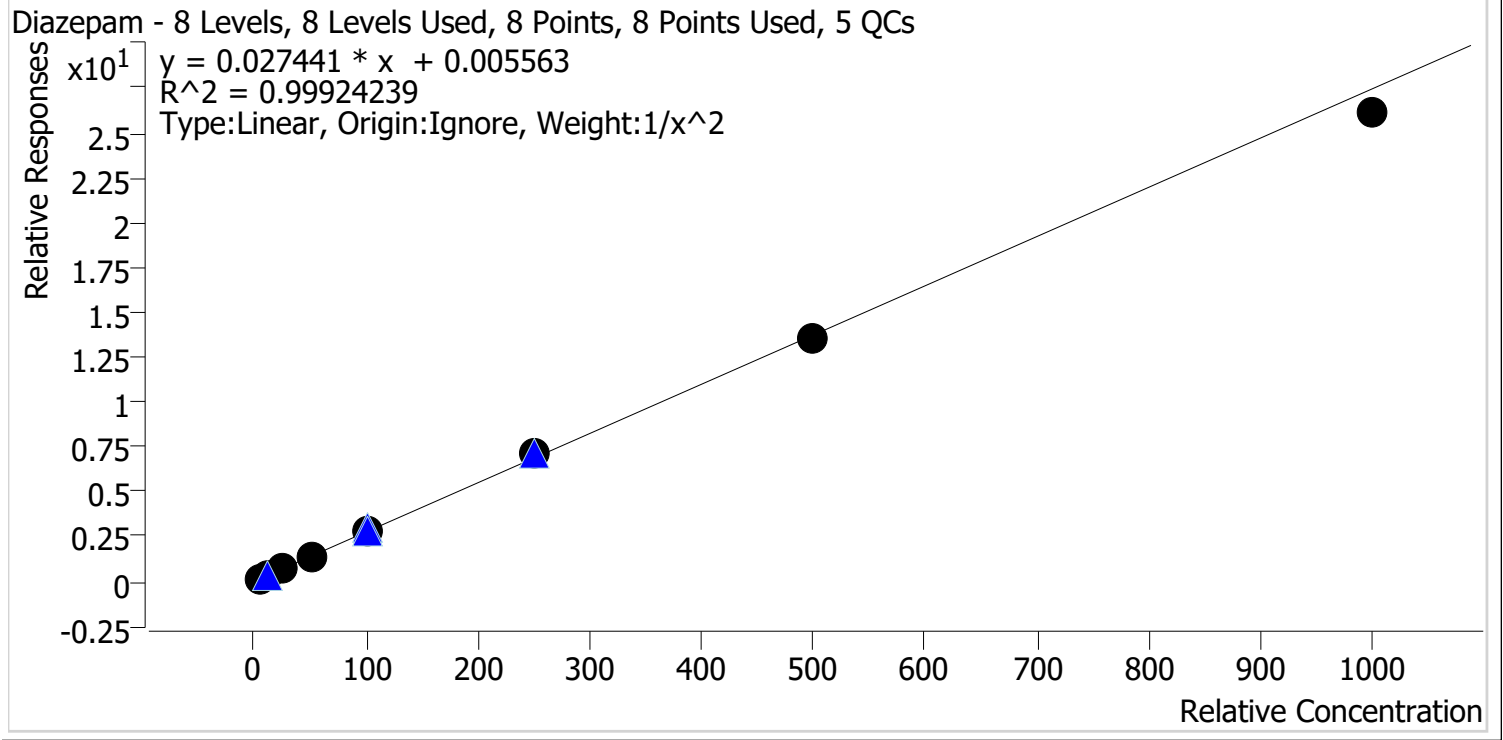
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
TS_p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
TS_p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
TS_p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
TS_p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
TS_p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	1038.8	103.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Diazepam **Internal Standard** Diazepam-D5



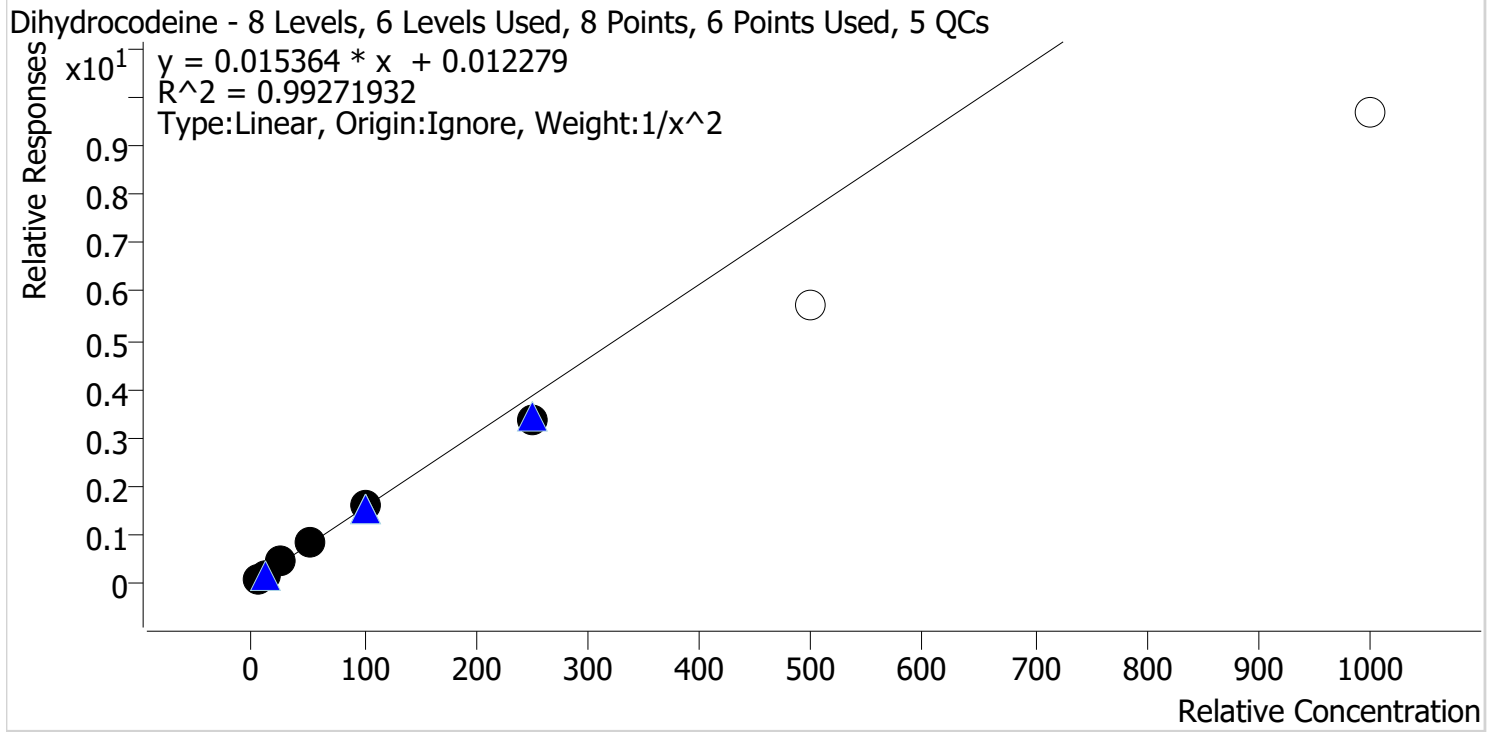
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
TS_p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
TS_p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
TS_p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
TS_p1 Cal 6-250ng	6	✓	250.0	257.9	103.1
TS_p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	955.5	95.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
TS_p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
TS_p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
TS_p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
TS_p1 Cal 6-250ng	6	✓	250.0	218.2	87.3
TS_p1 Cal 7-500ng	7	x	500.0	373.0	74.6
TS_p1 Cal 8-1000ng	8	x	1000.0	632.8	63.3

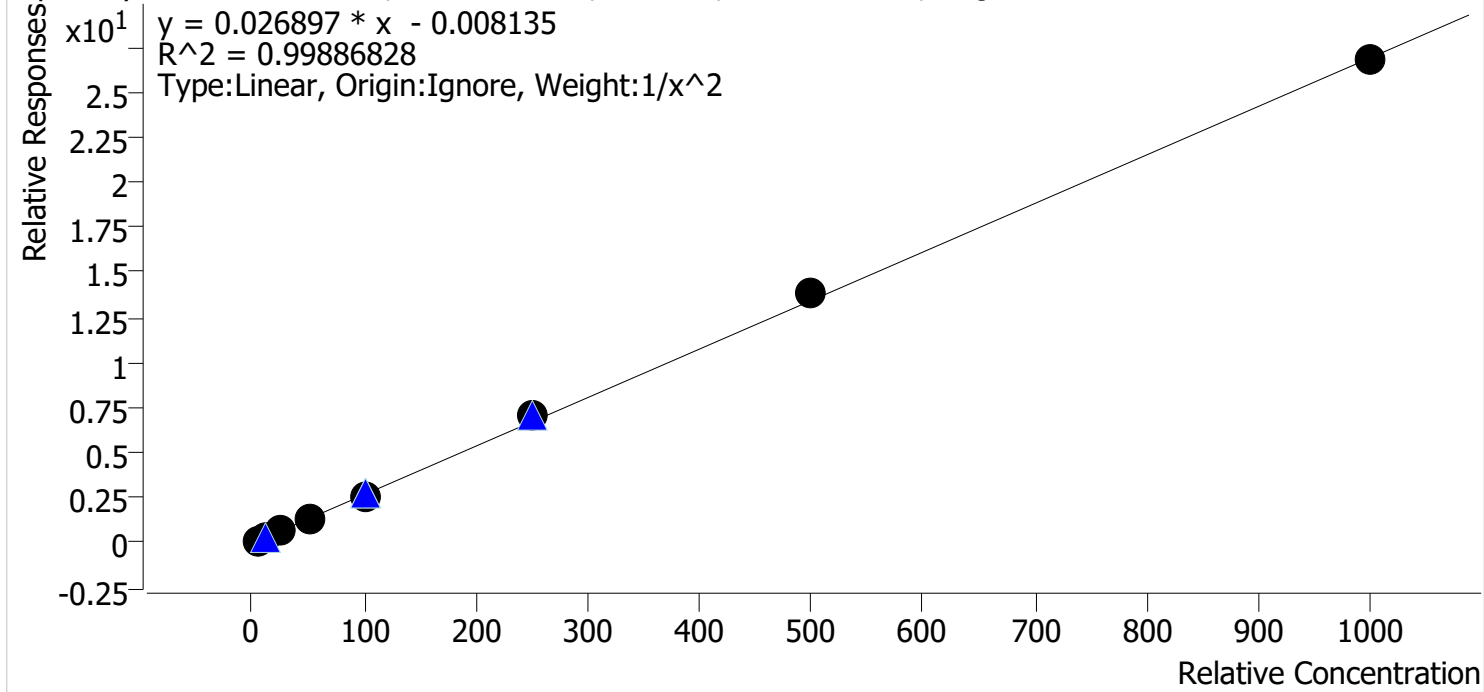
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



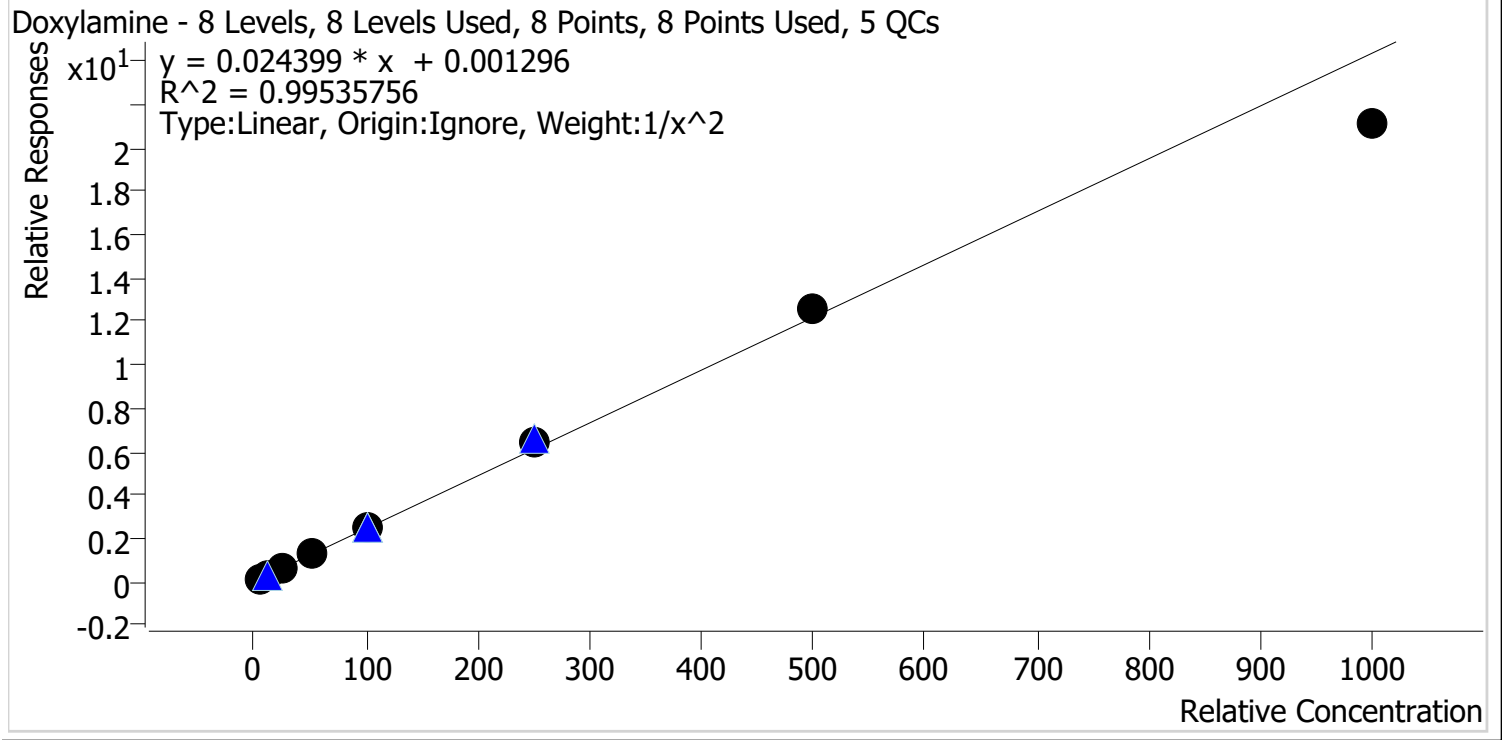
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
TS_p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
TS_p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
TS_p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
TS_p1 Cal 6-250ng	6	✓	250.0	260.7	104.3
TS_p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	994.8	99.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
TS_p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
TS_p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
TS_p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
TS_p1 Cal 6-250ng	6	✓	250.0	266.5	106.6
TS_p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	868.0	86.8

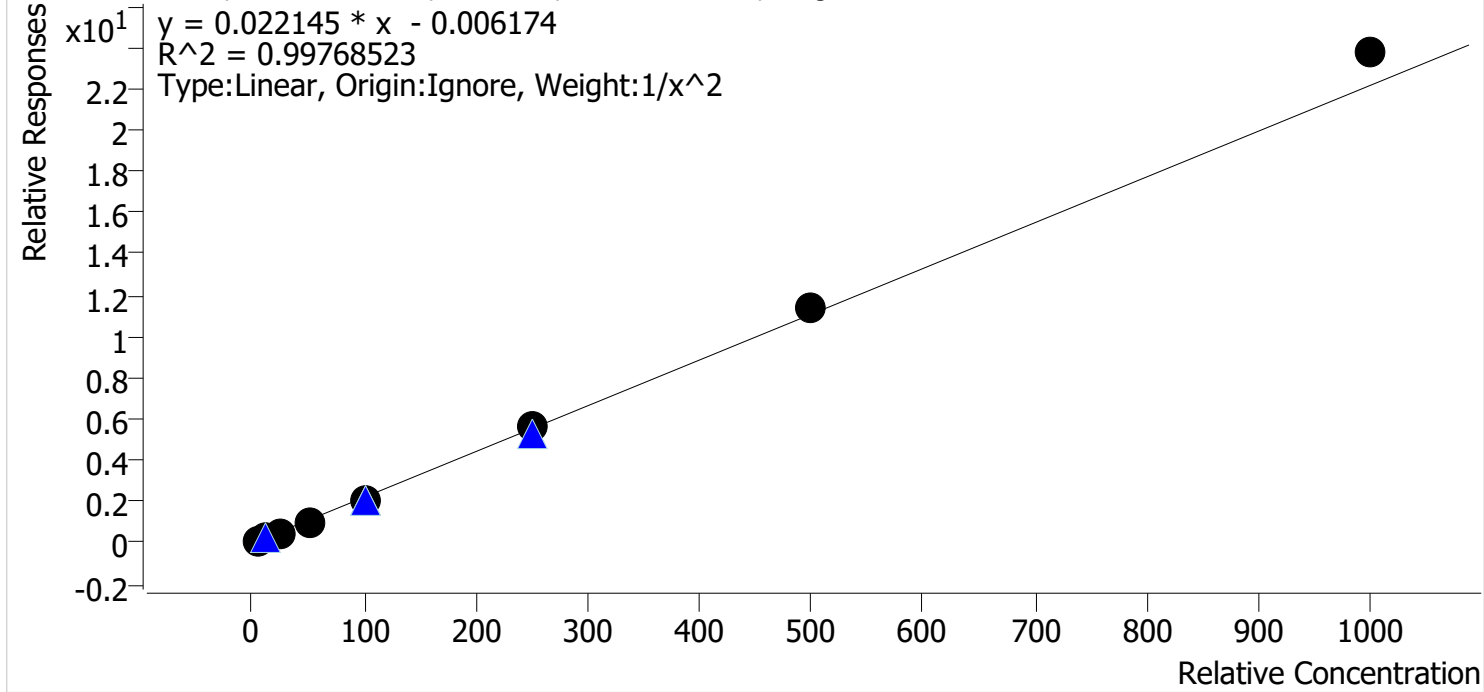
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AM #28 Multi-Drug Quant. Calibration Curve Report

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Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
TS_p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
TS_p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
TS_p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
TS_p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
TS_p1 Cal 7-500ng	7	✓	500.0	518.0	103.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	1071.7	107.2

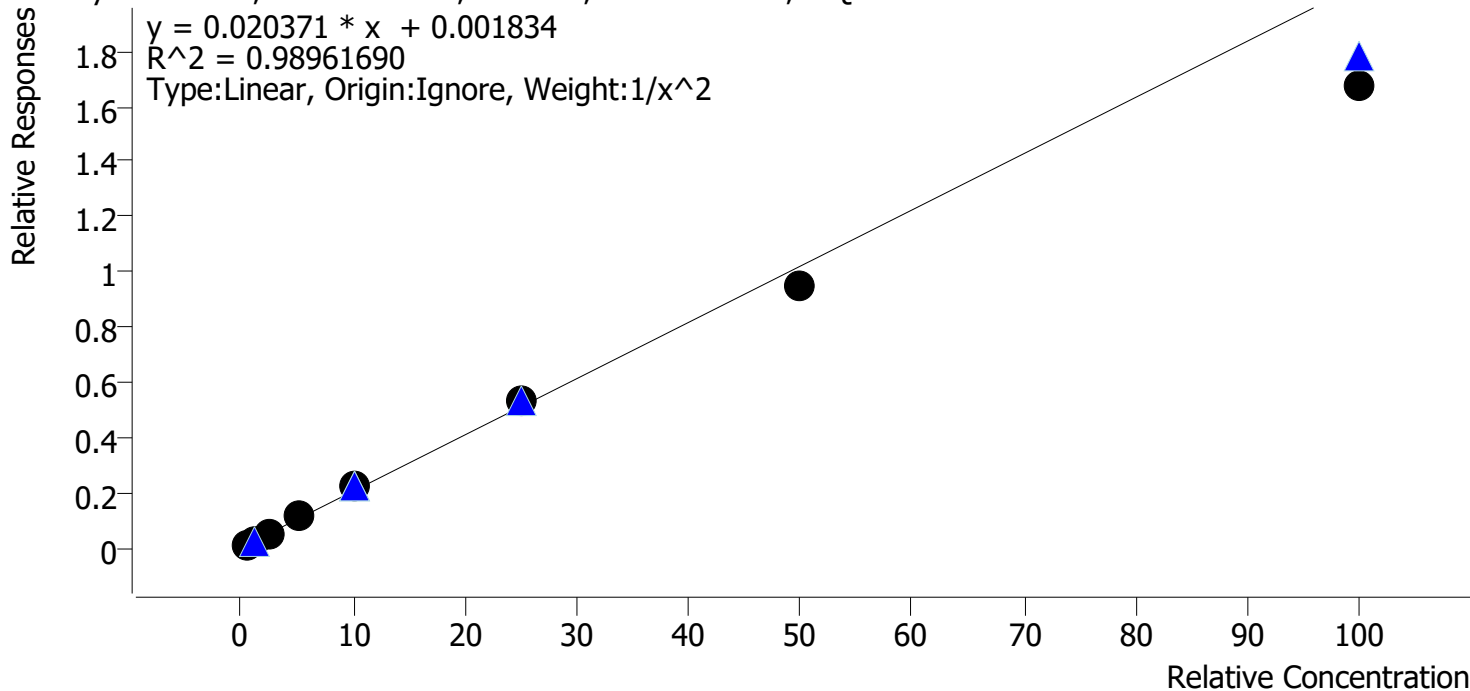
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	95.9
TS_p1 Cal 2-10ng	2	✓	1.0	1.0	104.2
TS_p1 Cal 3 -25ng	3	✓	2.5	2.6	104.9
TS_p1 Cal 4-50ng	4	✓	5.0	5.3	106.9
TS_p1 Cal 5-100ng	5	✓	10.0	10.9	109.1
TS_p1 Cal 6-250ng	6	✓	25.0	25.8	103.3
TS_p1 Cal 7-500ng	7	✓	50.0	46.7	93.4
TS_p1 Cal 8-1000ng	8	✓	100.0	82.4	82.4

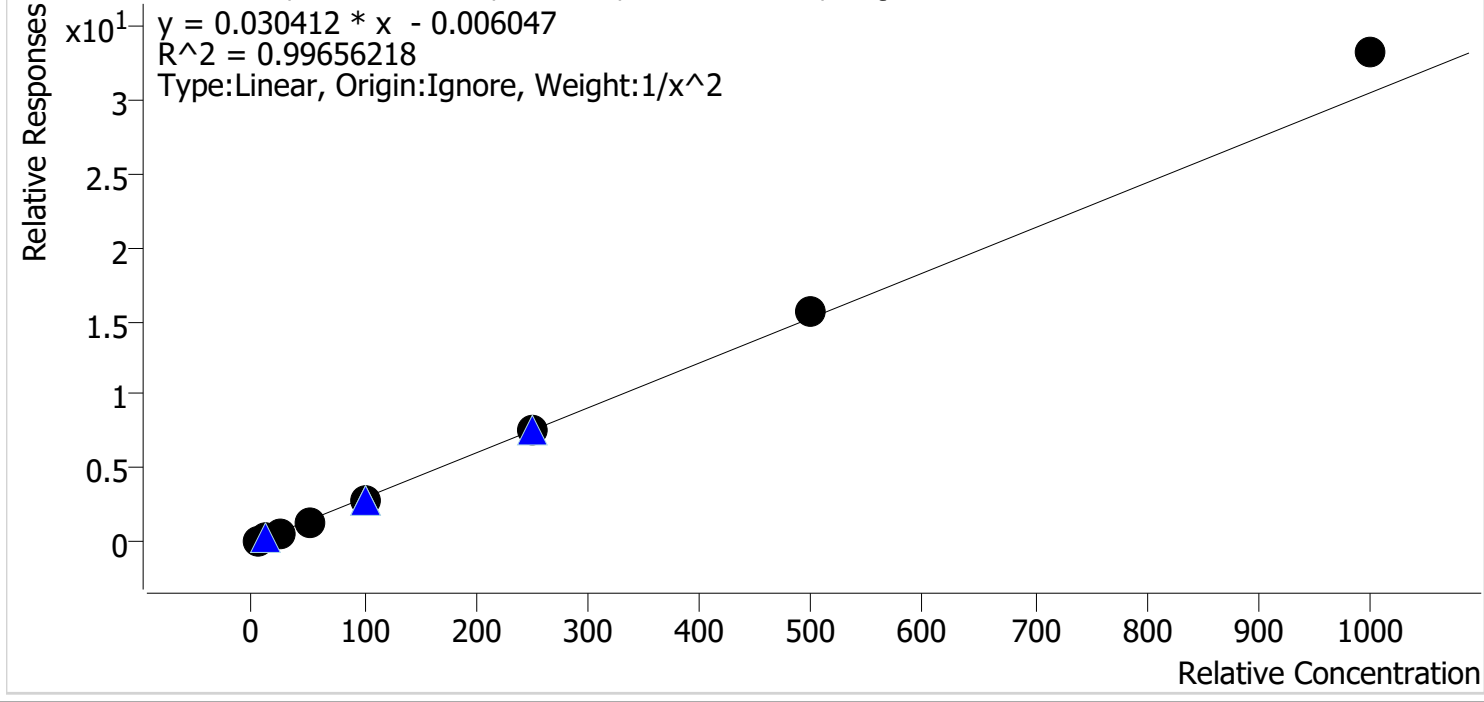
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



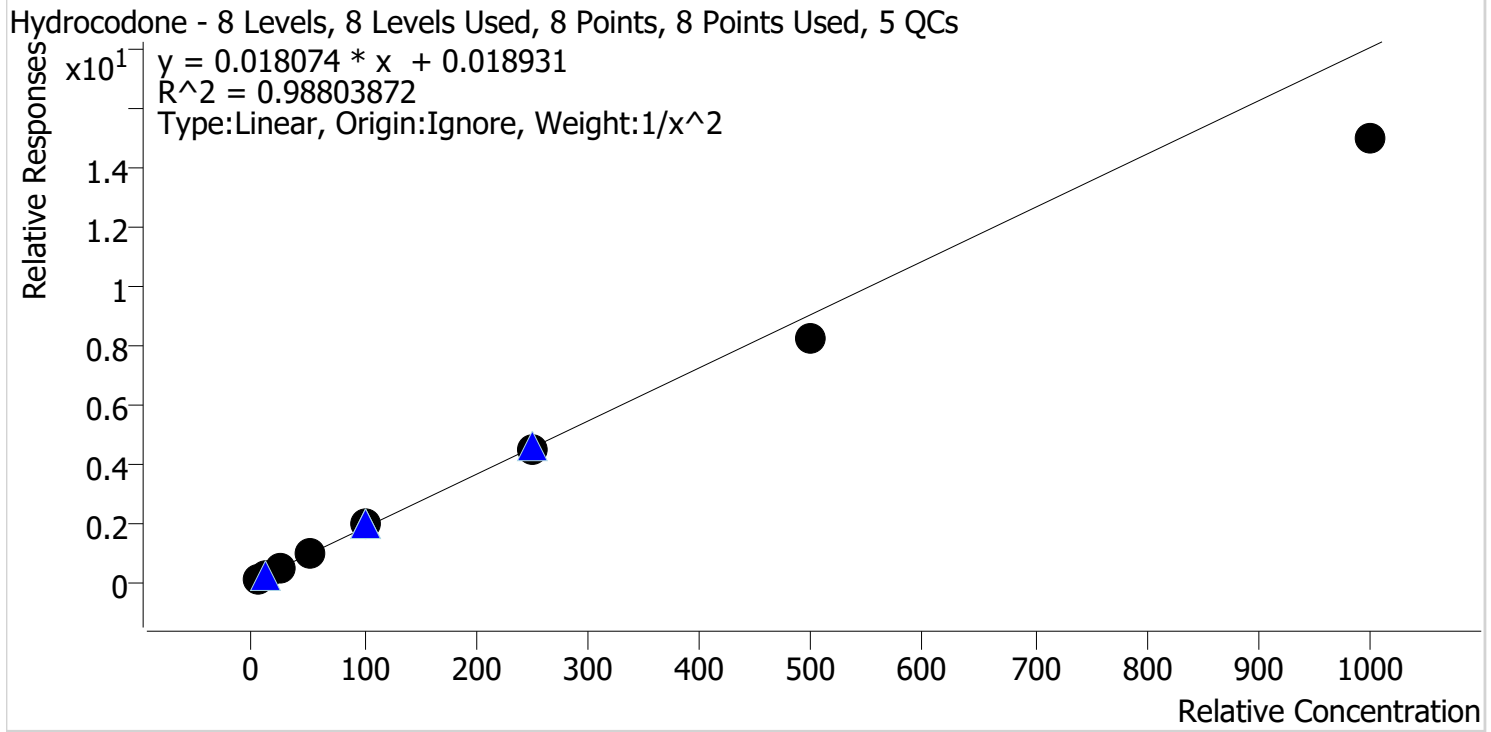
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
TS_p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
TS_p1 Cal 4-50ng	4	✓	50.0	47.2	94.3
TS_p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
TS_p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
TS_p1 Cal 7-500ng	7	✓	500.0	517.0	103.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	1089.2	108.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



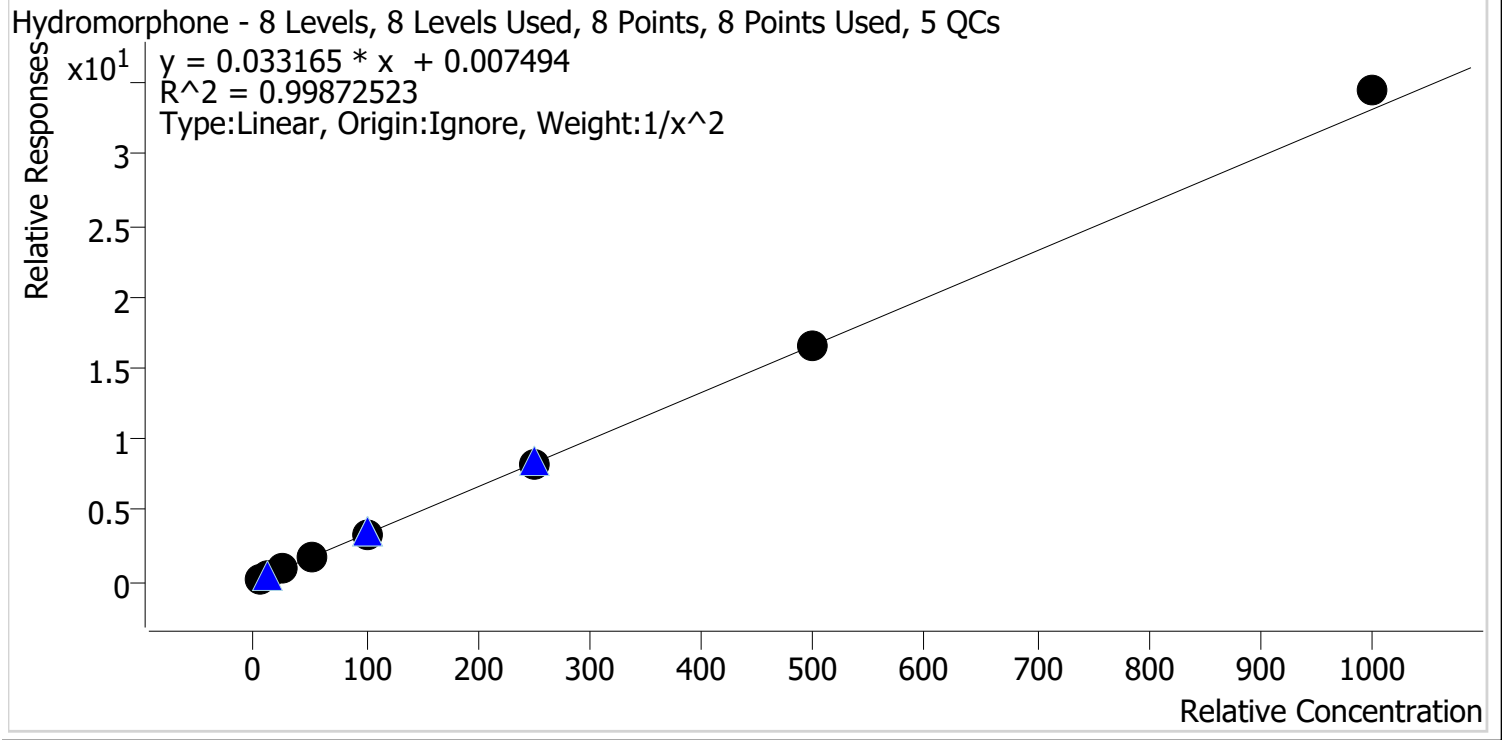
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
TS_p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
TS_p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
TS_p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
TS_p1 Cal 5-100ng	5	✓	100.0	110.5	110.5
TS_p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
TS_p1 Cal 7-500ng	7	✓	500.0	457.0	91.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	833.1	83.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



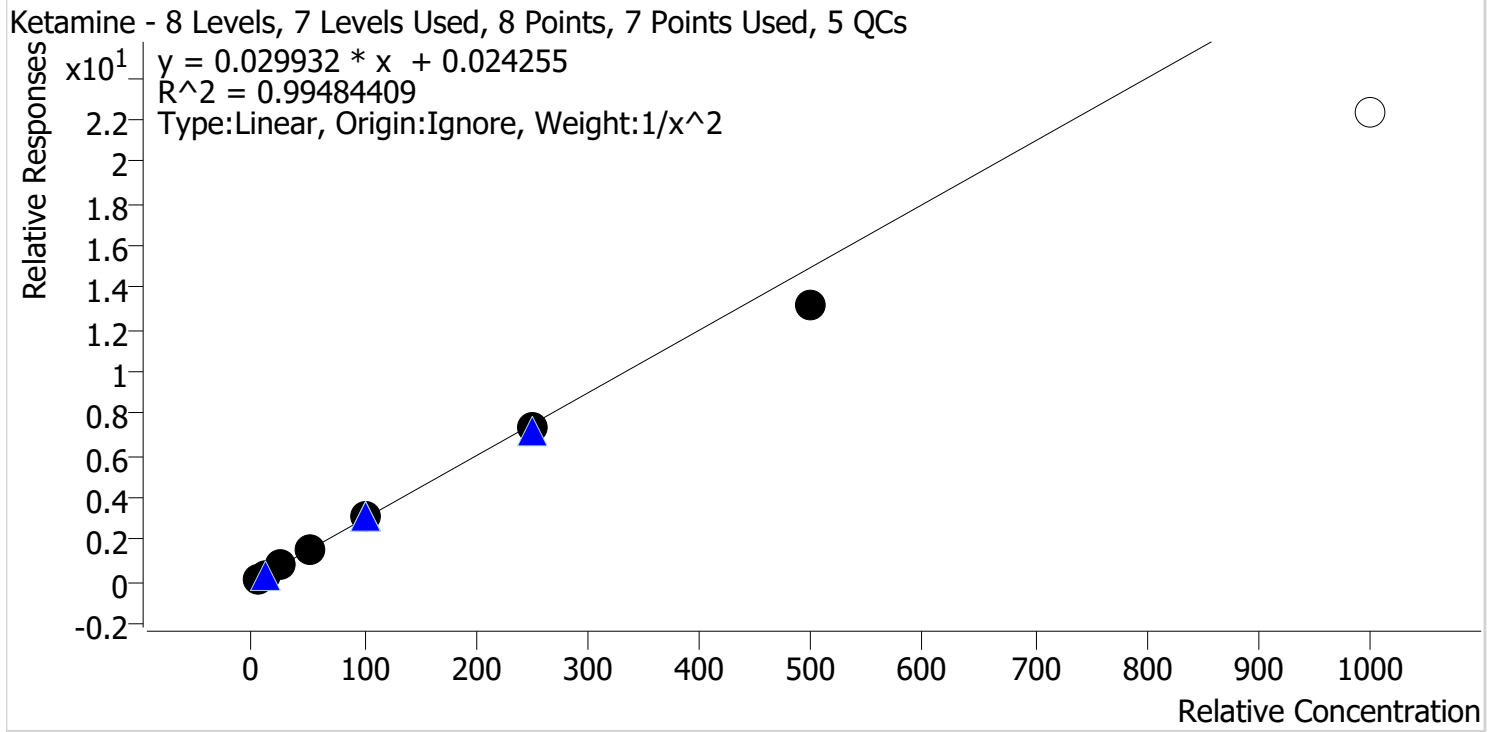
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
TS_p1 Cal 2-10ng	2	✓	10.0	9.4	94.3
TS_p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
TS_p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
TS_p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
TS_p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
TS_p1 Cal 7-500ng	7	✓	500.0	502.6	100.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	1039.8	104.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
TS_p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
TS_p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
TS_p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
TS_p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
TS_p1 Cal 7-500ng	7	✓	500.0	442.5	88.5
TS_p1 Cal 8-1000ng	8	✗	1000.0	745.2	74.5

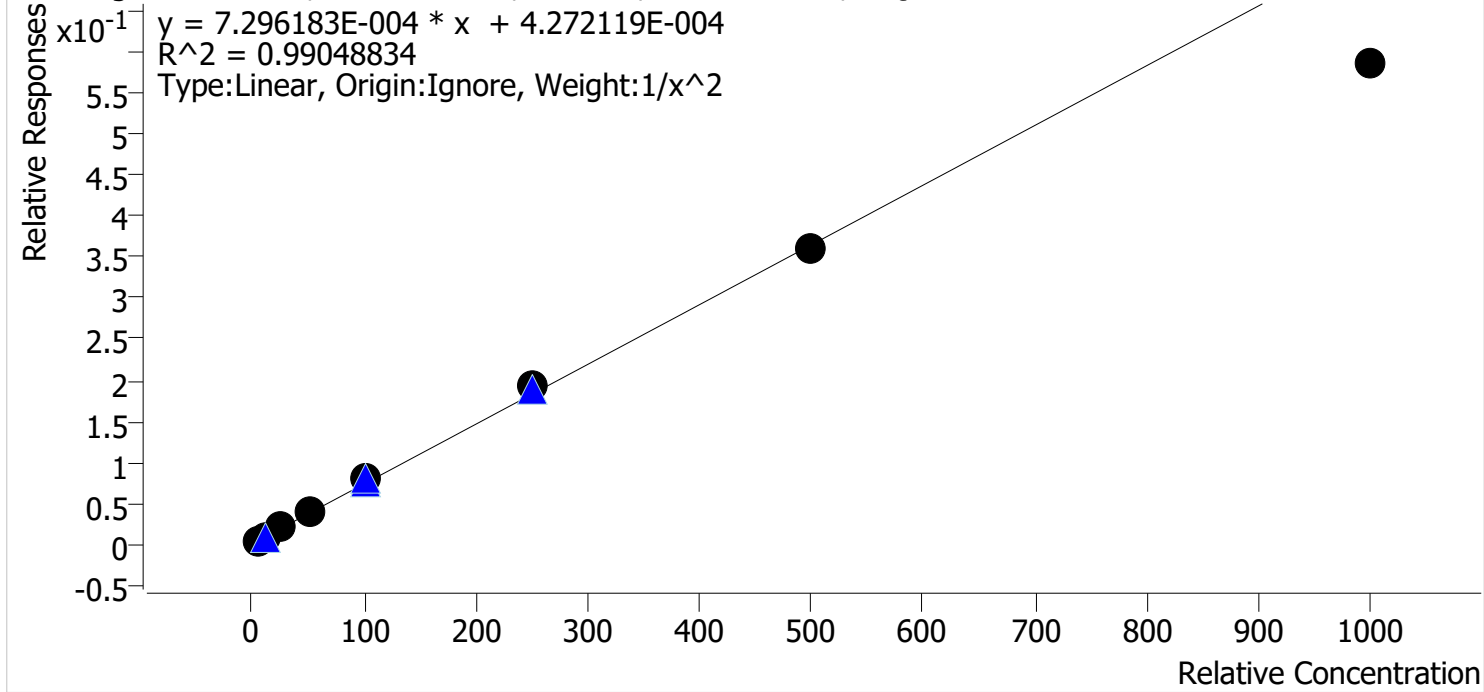
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
TS_p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
TS_p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
TS_p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
TS_p1 Cal 6-250ng	6	✓	250.0	261.9	104.8
TS_p1 Cal 7-500ng	7	✓	500.0	494.7	98.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	807.0	80.7

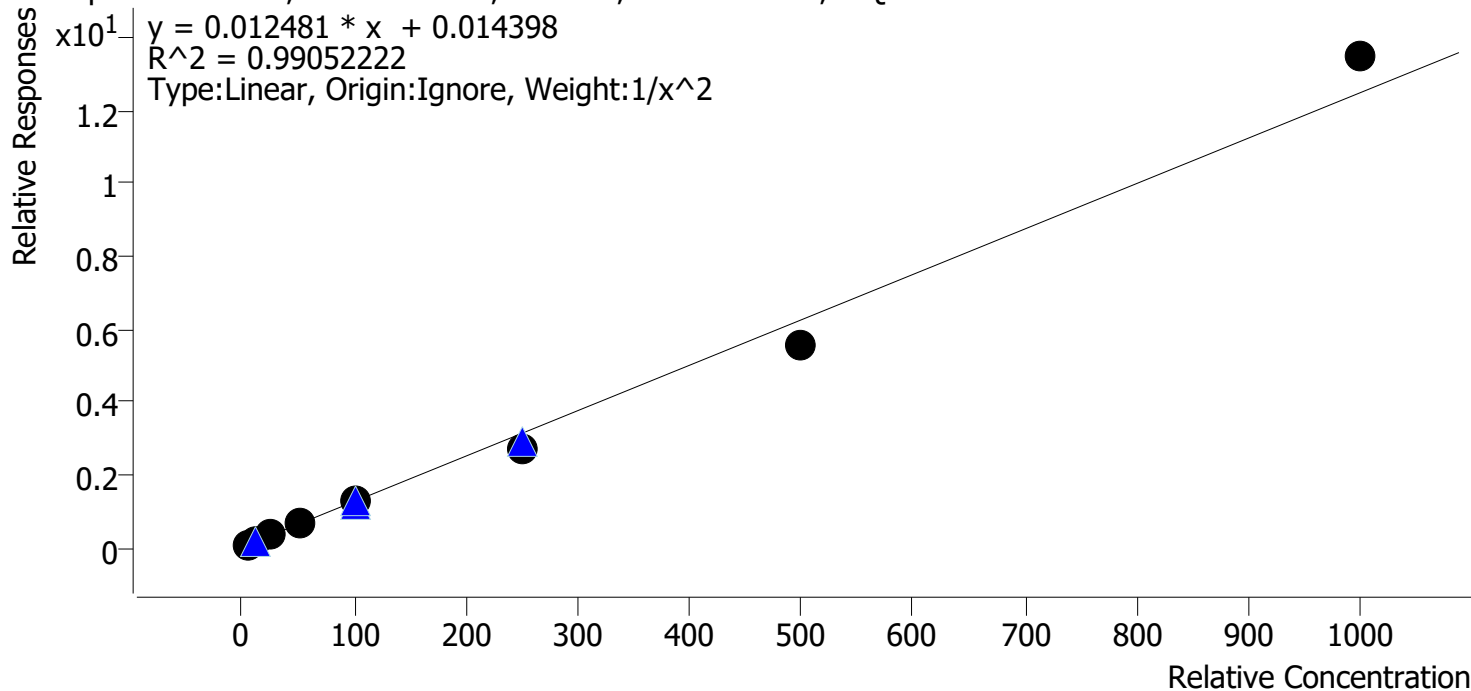
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Lorazepam **Internal Standard** Oxazepam-D5

Lorazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
TS_p1 Cal 3 -25ng	3	✓	25.0	27.8	111.4
TS_p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
TS_p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
TS_p1 Cal 6-250ng	6	✓	250.0	218.7	87.5
TS_p1 Cal 7-500ng	7	✓	500.0	446.9	89.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	1079.5	108.0

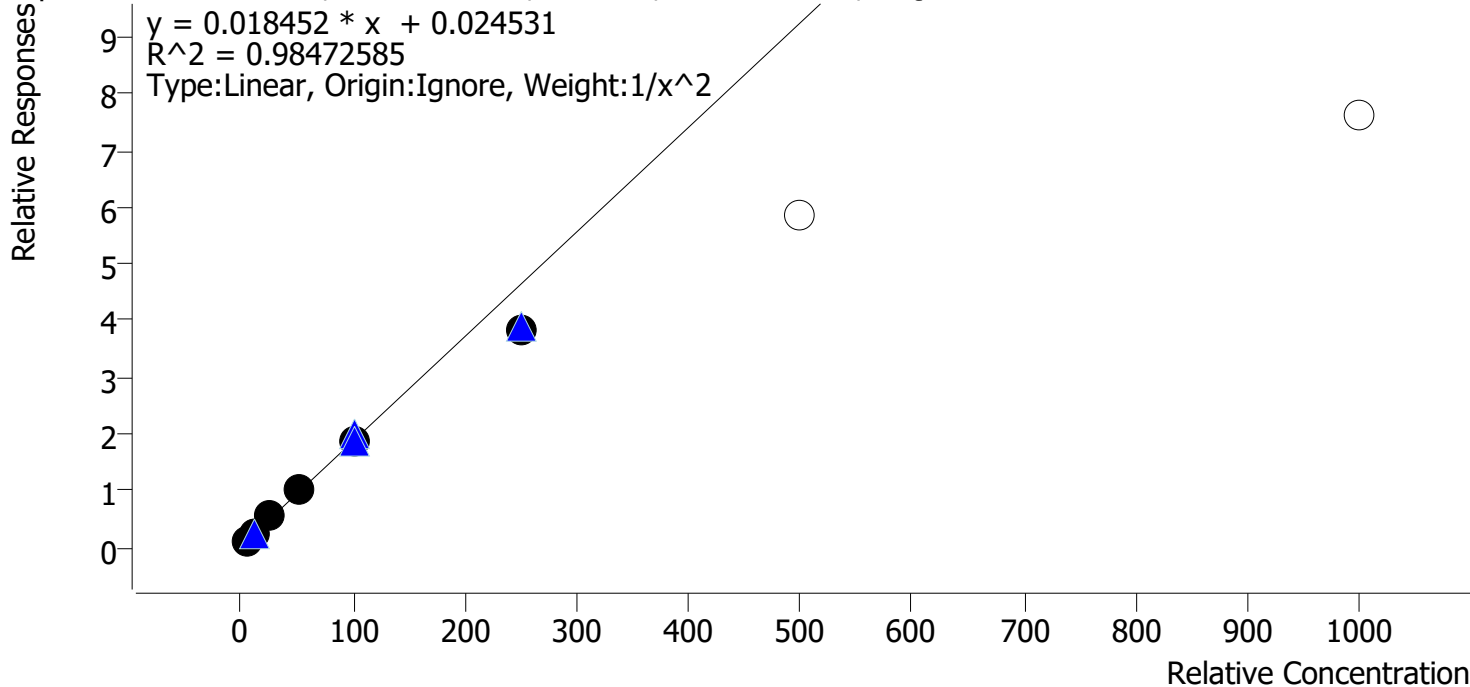
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
TS_p1 Cal 2-10ng	2	✓	10.0	10.6	106.1
TS_p1 Cal 3 -25ng	3	✓	25.0	27.3	109.0
TS_p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
TS_p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
TS_p1 Cal 6-250ng	6	✓	250.0	205.4	82.2
TS_p1 Cal 7-500ng	7	✗	500.0	317.8	63.6
TS_p1 Cal 8-1000ng	8	✗	1000.0	411.5	41.2

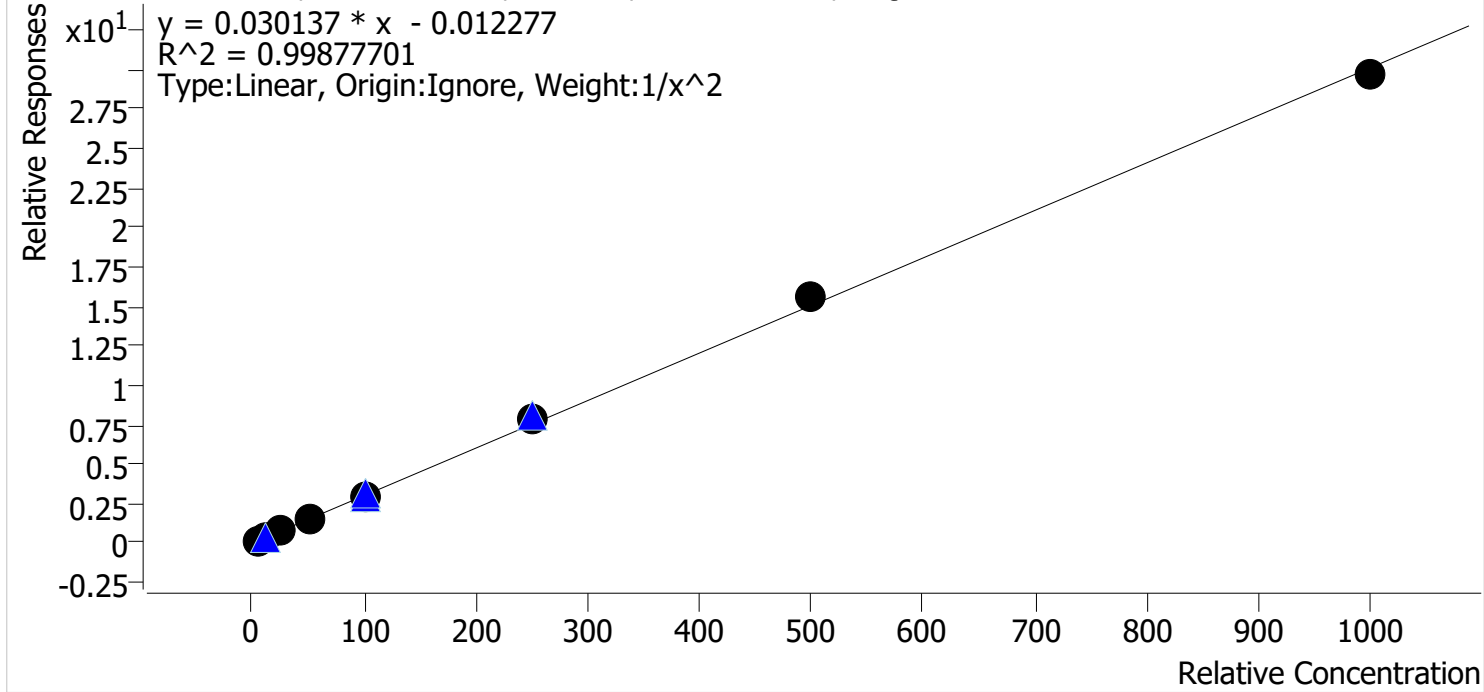
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Methadone **Internal Standard** Methadone-D9

Methadone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



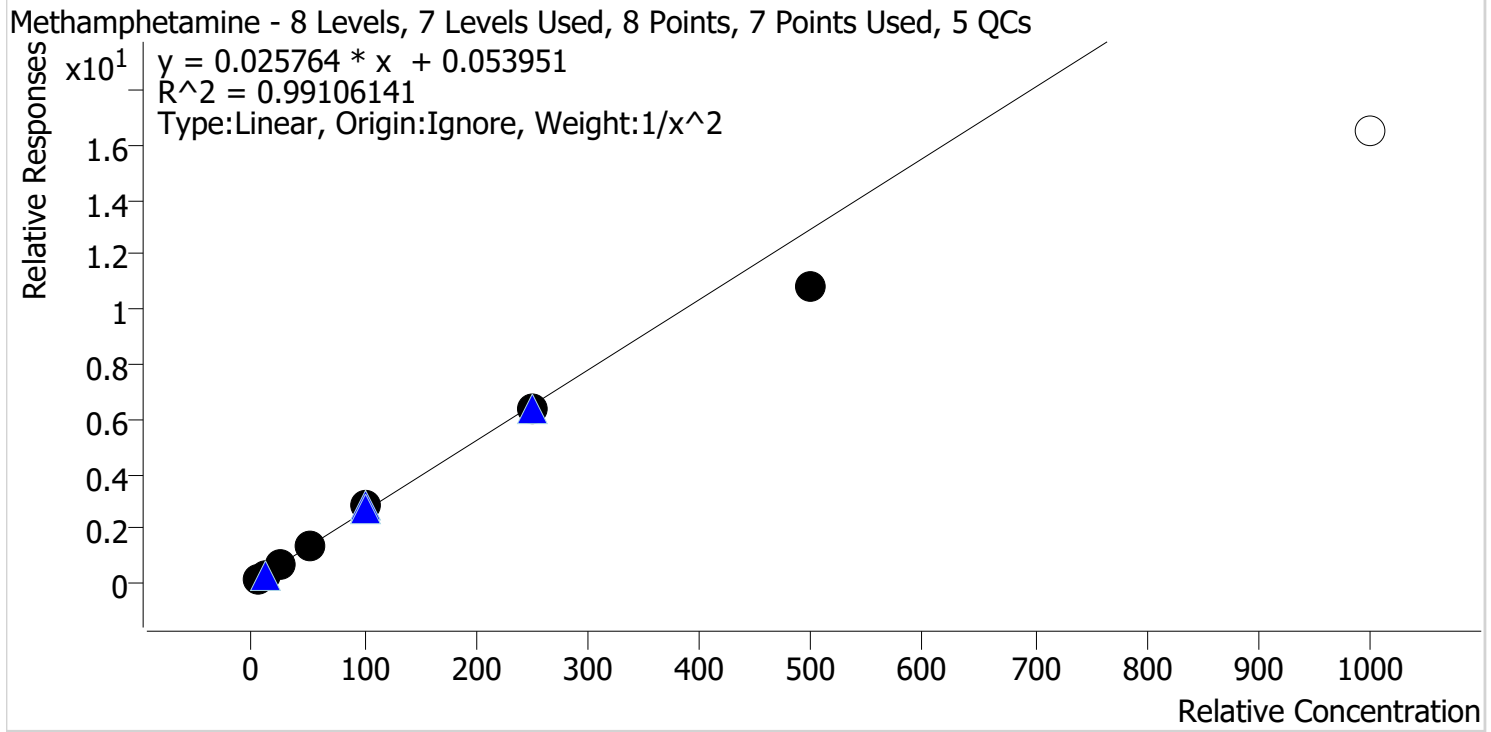
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
TS_p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
TS_p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
TS_p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
TS_p1 Cal 6-250ng	6	✓	250.0	261.9	104.7
TS_p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	986.6	98.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
TS_p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
TS_p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
TS_p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
TS_p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
TS_p1 Cal 7-500ng	7	✓	500.0	420.8	84.2
TS_p1 Cal 8-1000ng	8	✗	1000.0	637.9	63.8

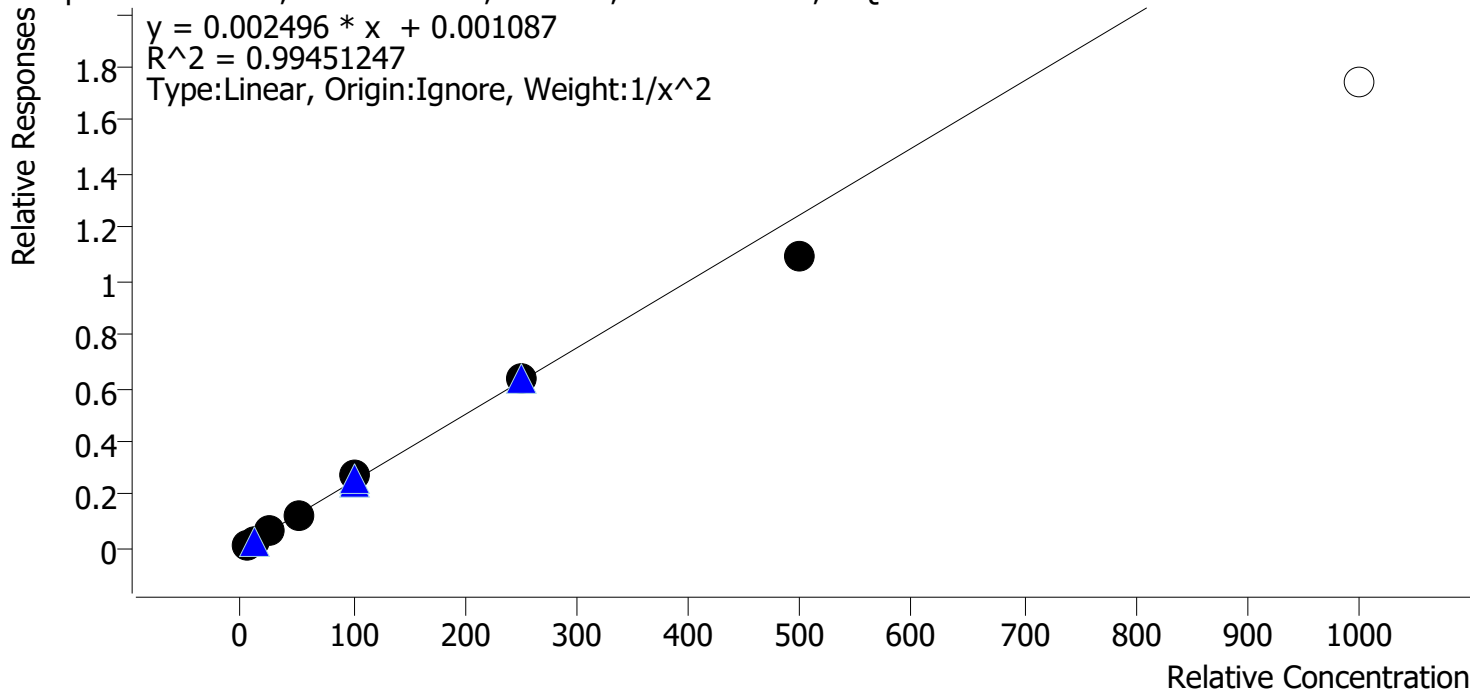
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
TS_p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
TS_p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
TS_p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
TS_p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
TS_p1 Cal 7-500ng	7	✓	500.0	436.5	87.3
TS_p1 Cal 8-1000ng	8	✗	1000.0	697.1	69.7

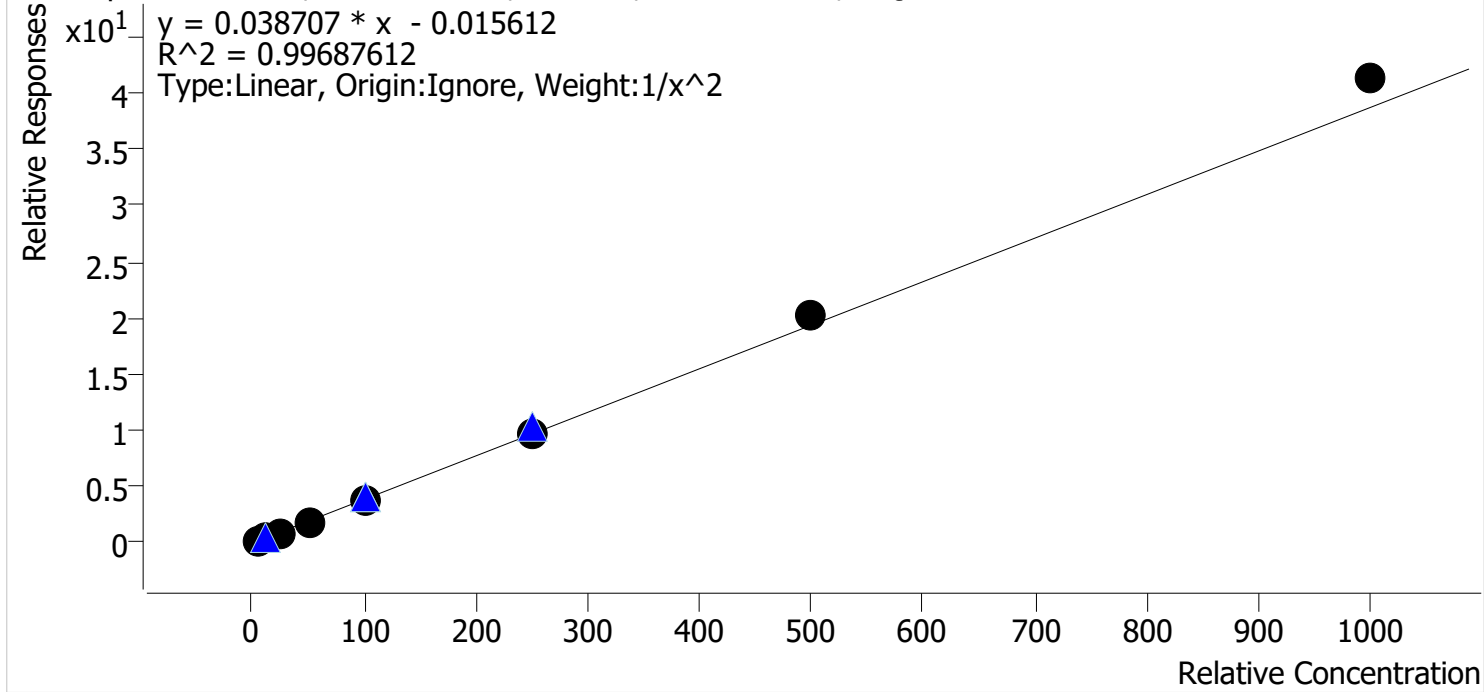
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



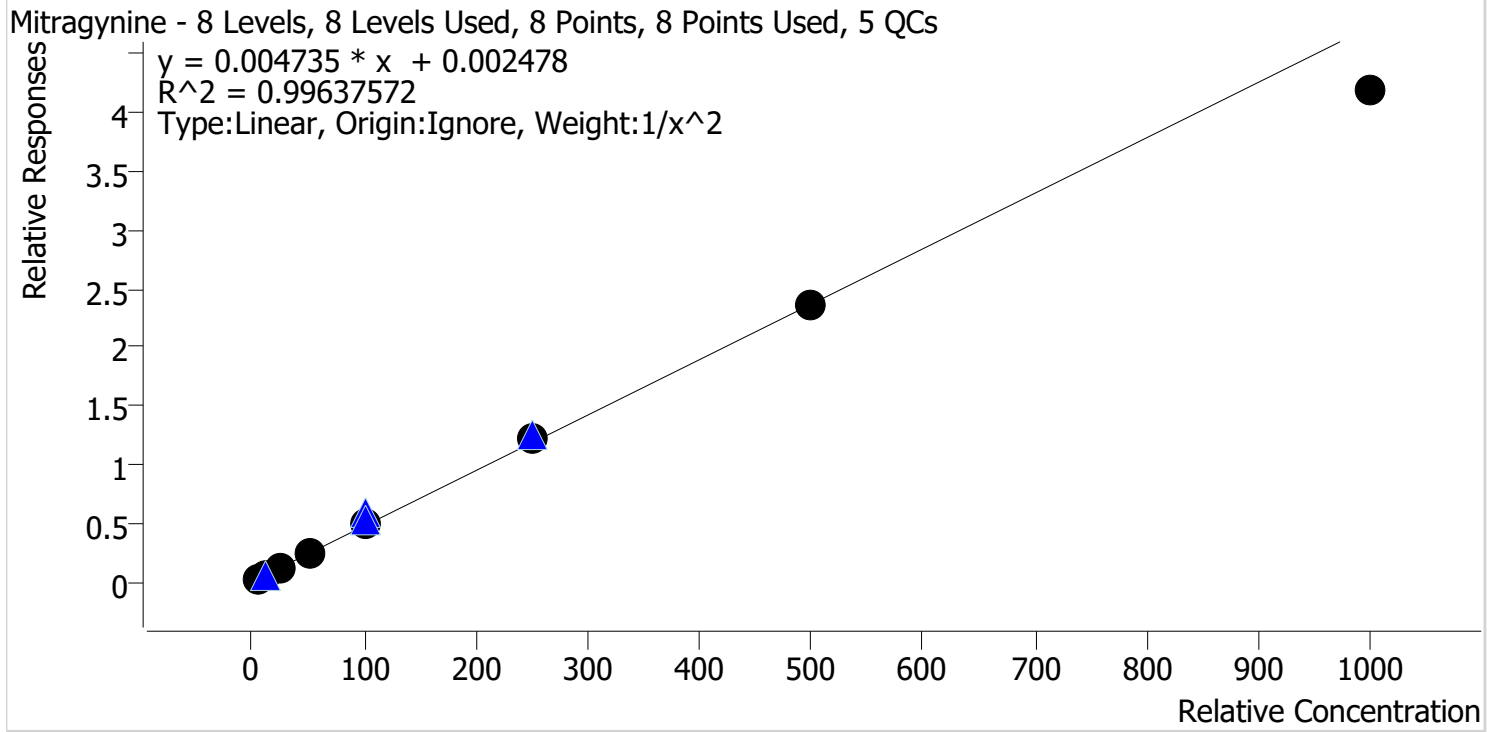
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
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TS_p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
TS_p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
TS_p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
TS_p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
TS_p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
TS_p1 Cal 7-500ng	7	✓	500.0	524.6	104.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1071.9	107.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Mitragynine **Internal Standard** Methadone-D9



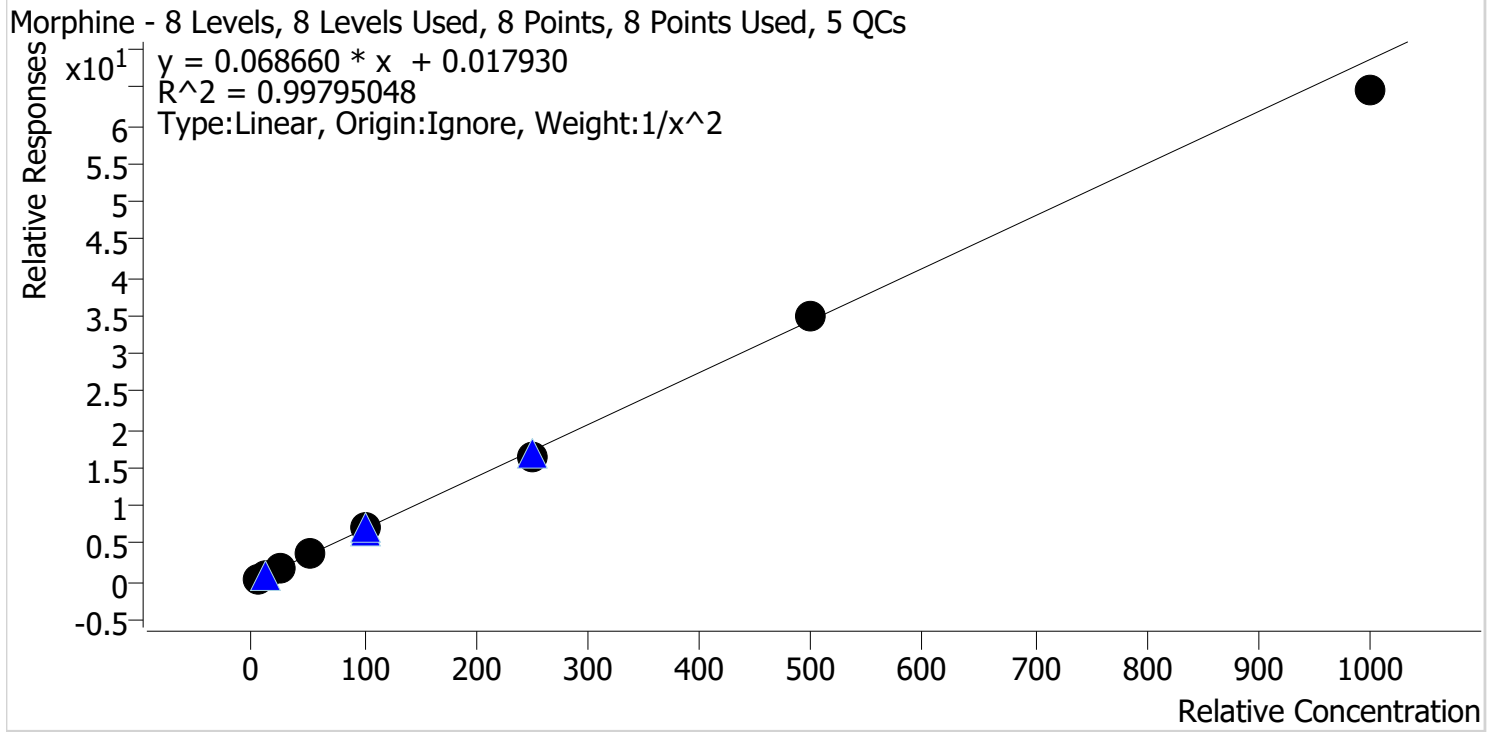
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
TS_p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
TS_p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
TS_p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
TS_p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
TS_p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	885.1	88.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
TS_p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
TS_p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
TS_p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
TS_p1 Cal 6-250ng	6	✓	250.0	236.4	94.6
TS_p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	940.3	94.0

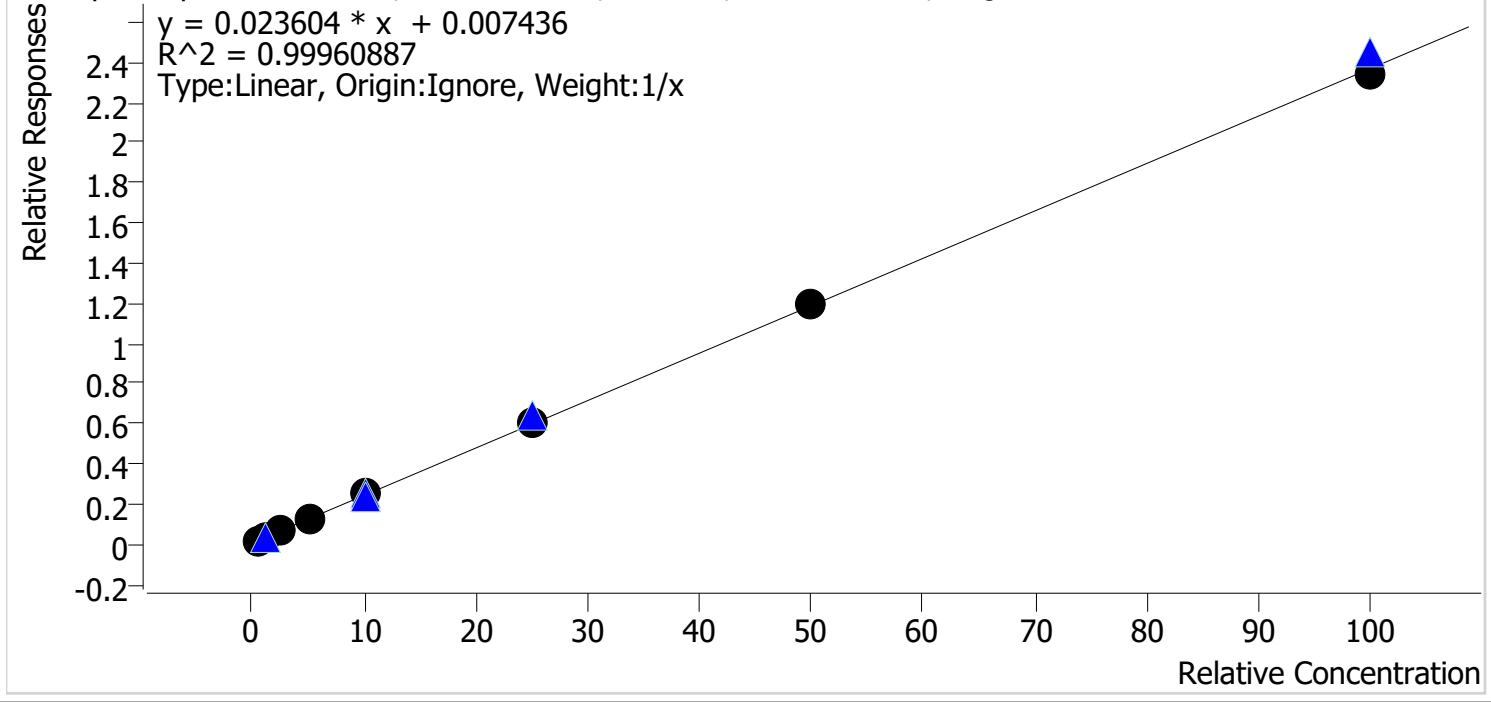
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



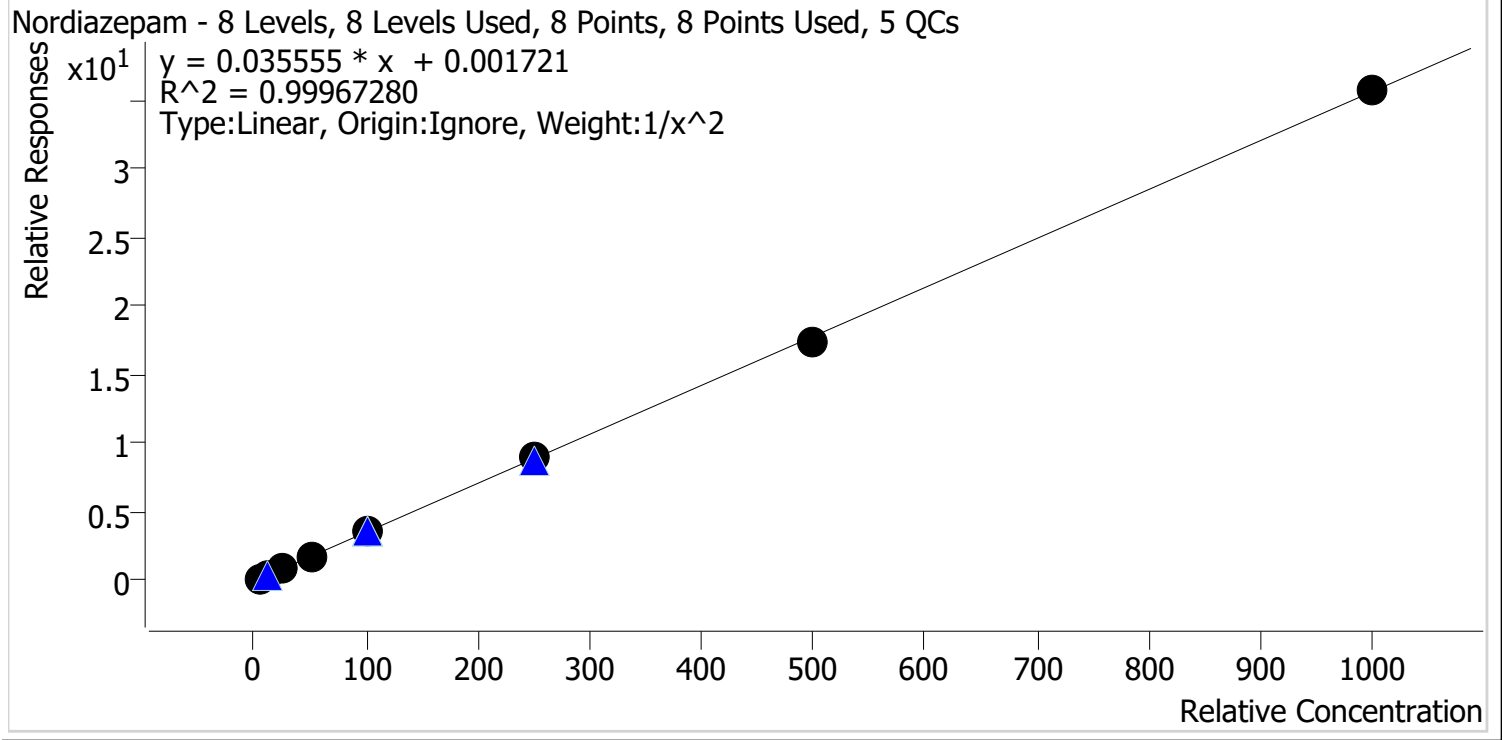
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.4	86.7
TS_p1 Cal 2-10ng	2	✓	1.0	1.0	101.6
TS_p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
TS_p1 Cal 4-50ng	4	✓	5.0	5.3	106.6
TS_p1 Cal 5-100ng	5	✓	10.0	10.3	103.3
TS_p1 Cal 6-250ng	6	✓	25.0	25.1	100.5
TS_p1 Cal 7-500ng	7	✓	50.0	50.6	101.2
TS_p1 Cal 8-1000ng	8	✓	100.0	98.6	98.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



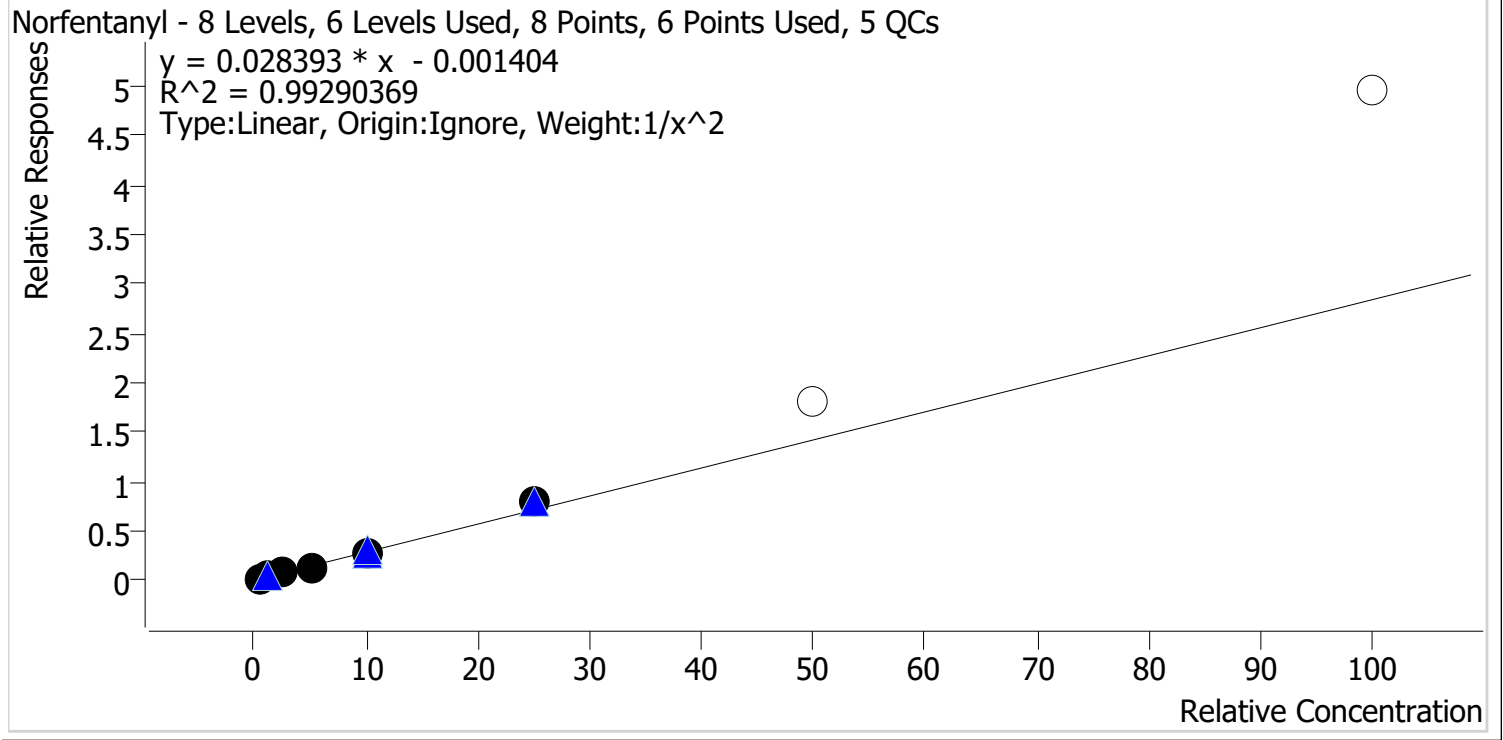
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
TS_p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
TS_p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
TS_p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
TS_p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
TS_p1 Cal 7-500ng	7	✓	500.0	487.9	97.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	1002.2	100.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Norfentanyl Internal Standard Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	103.1
TS_p1 Cal 2-10ng	2	✓	1.0	1.0	97.0
TS_p1 Cal 3 -25ng	3	✓	2.5	2.3	93.4
TS_p1 Cal 4-50ng	4	✓	5.0	4.7	94.7
TS_p1 Cal 5-100ng	5	✓	10.0	10.0	99.7
TS_p1 Cal 6-250ng	6	✓	25.0	28.0	112.1
TS_p1 Cal 7-500ng	7	x	50.0	64.2	128.3
TS_p1 Cal 8-1000ng	8	x	100.0	174.6	174.6

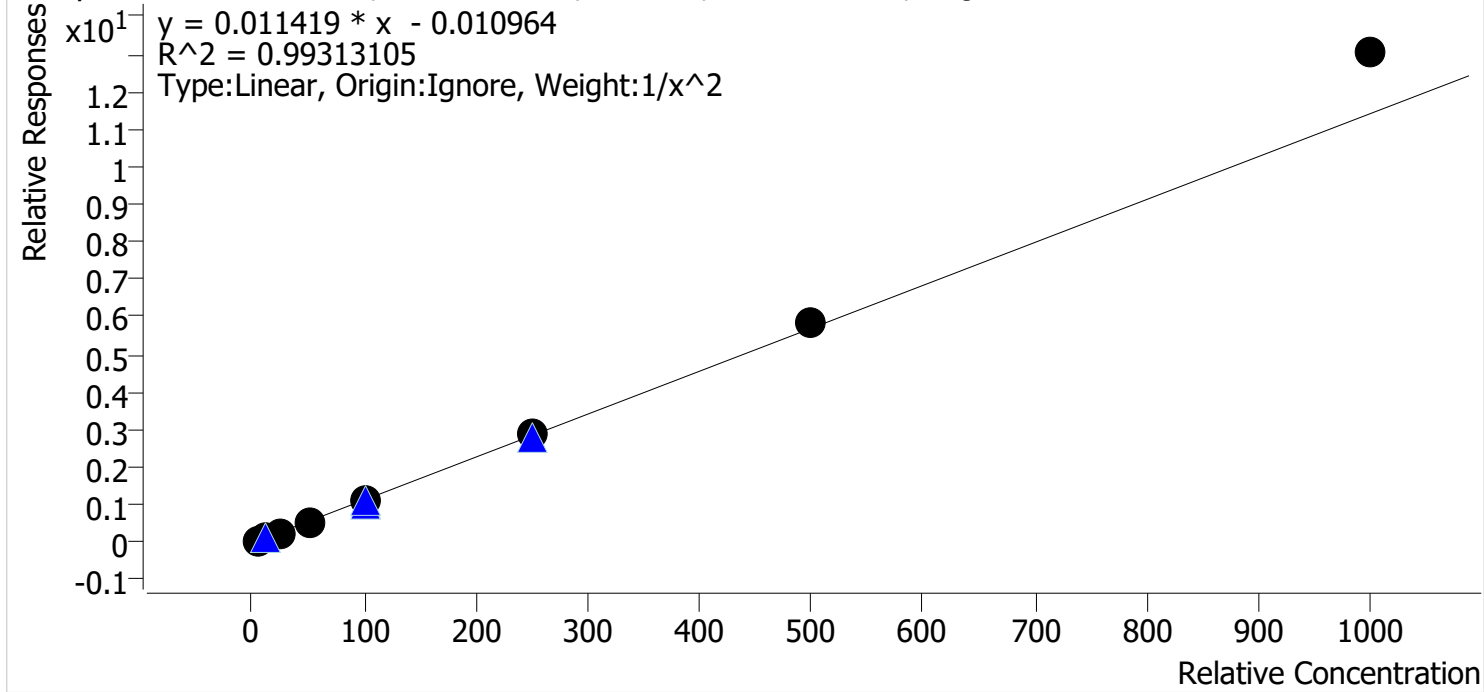
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



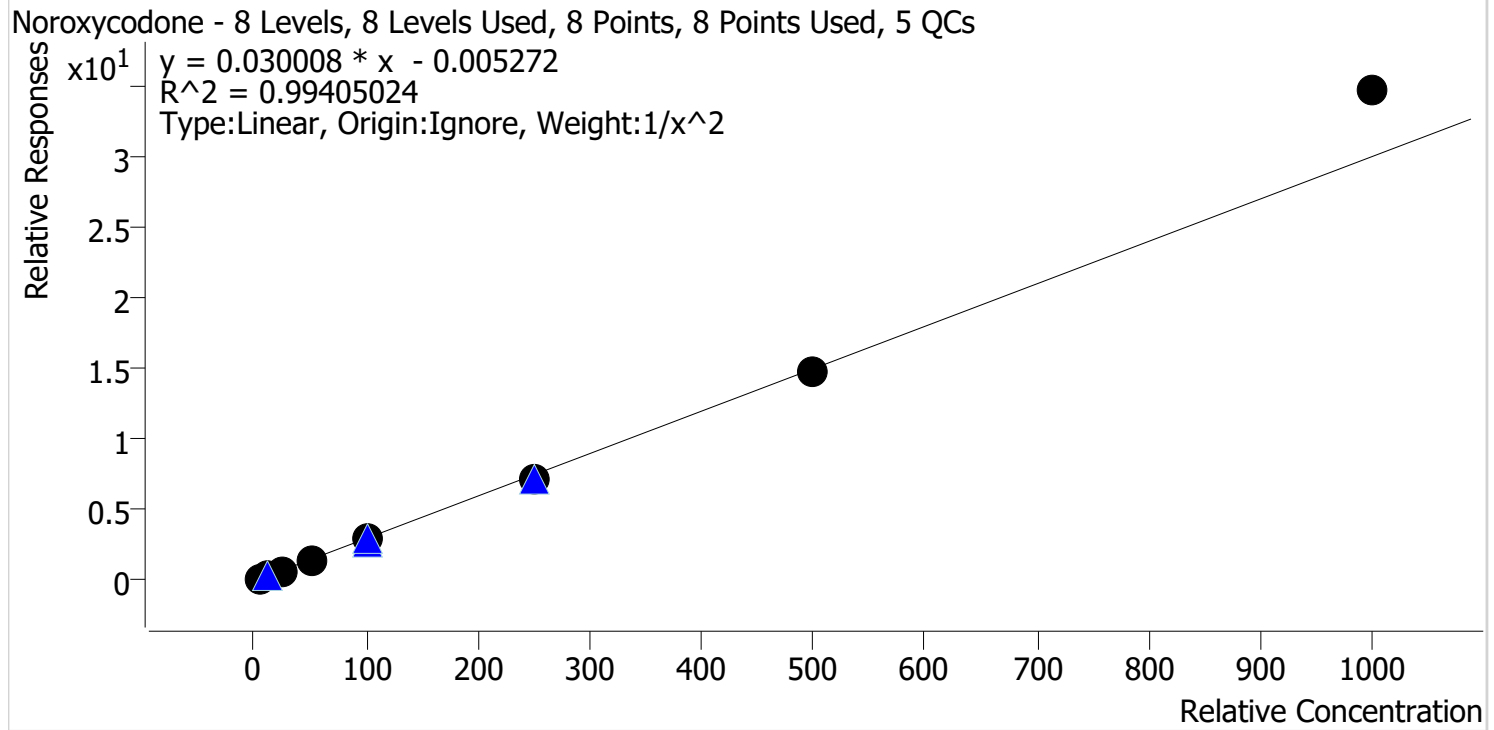
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
TS_p1 Cal 3 -25ng	3	✓	25.0	22.6	90.5
TS_p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
TS_p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
TS_p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
TS_p1 Cal 7-500ng	7	✓	500.0	515.6	103.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1142.3	114.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



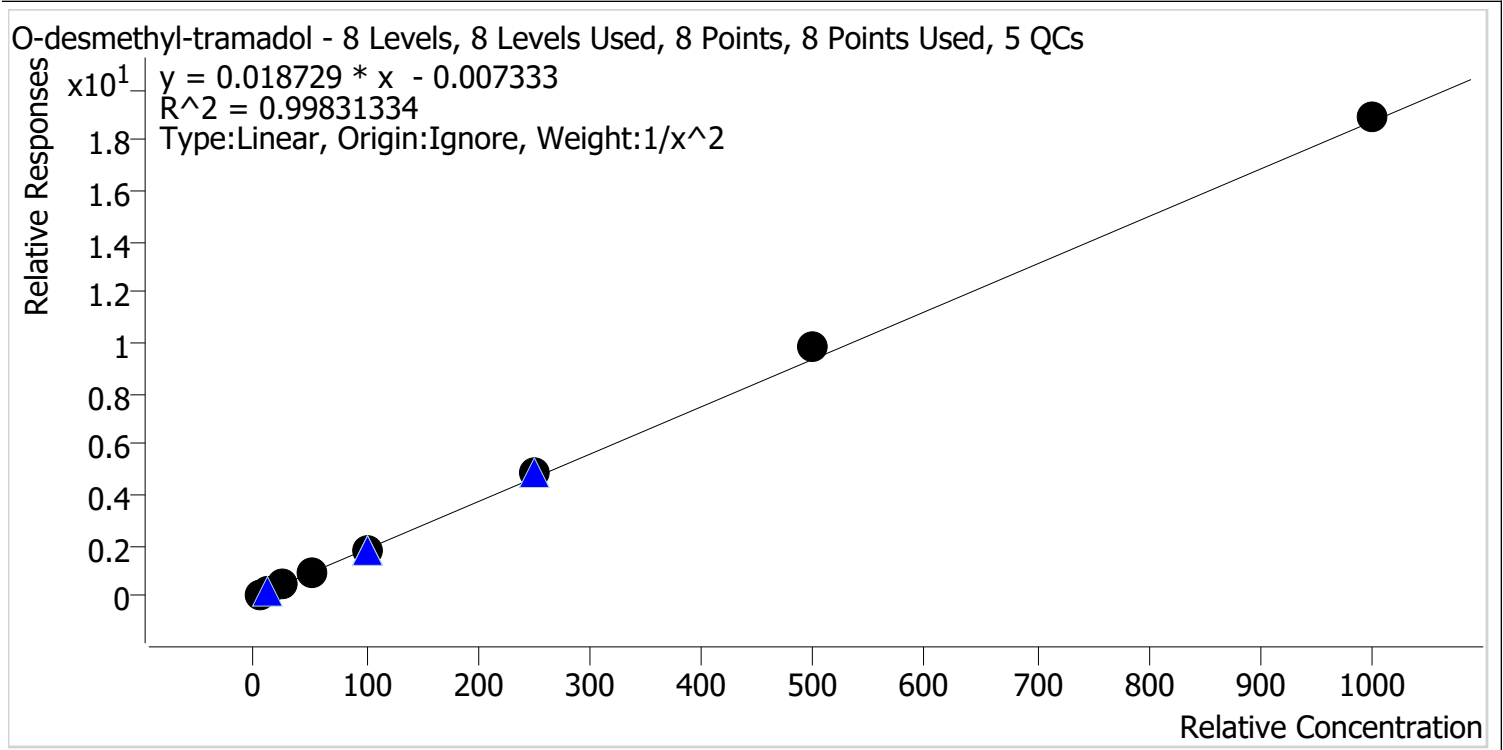
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
TS_p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
TS_p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
TS_p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
TS_p1 Cal 6-250ng	6	✓	250.0	240.4	96.2
TS_p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	1155.4	115.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



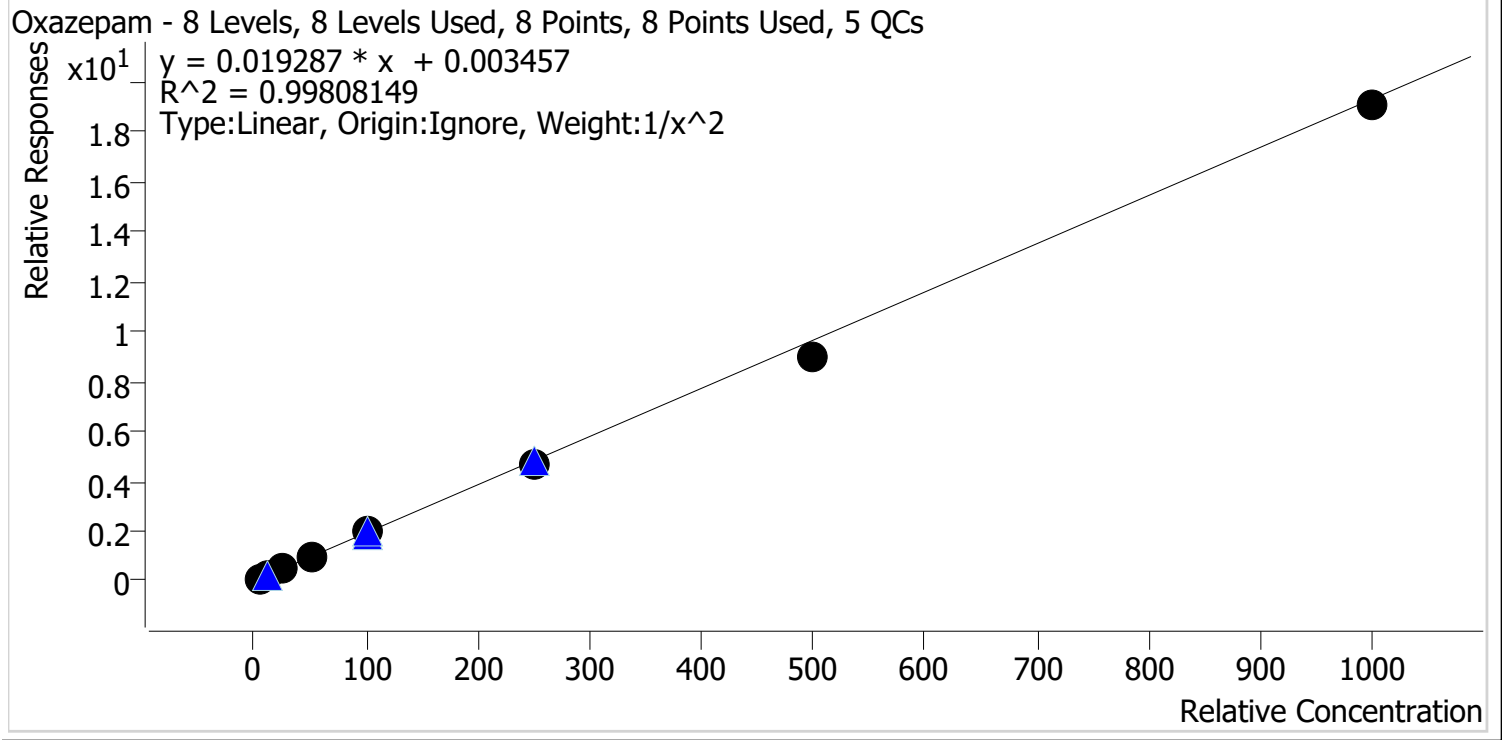
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
TS_p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
TS_p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
TS_p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
TS_p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
TS_p1 Cal 7-500ng	7	✓	500.0	528.7	105.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	1010.5	101.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Oxazepam **Internal Standard** Oxazepam-D5



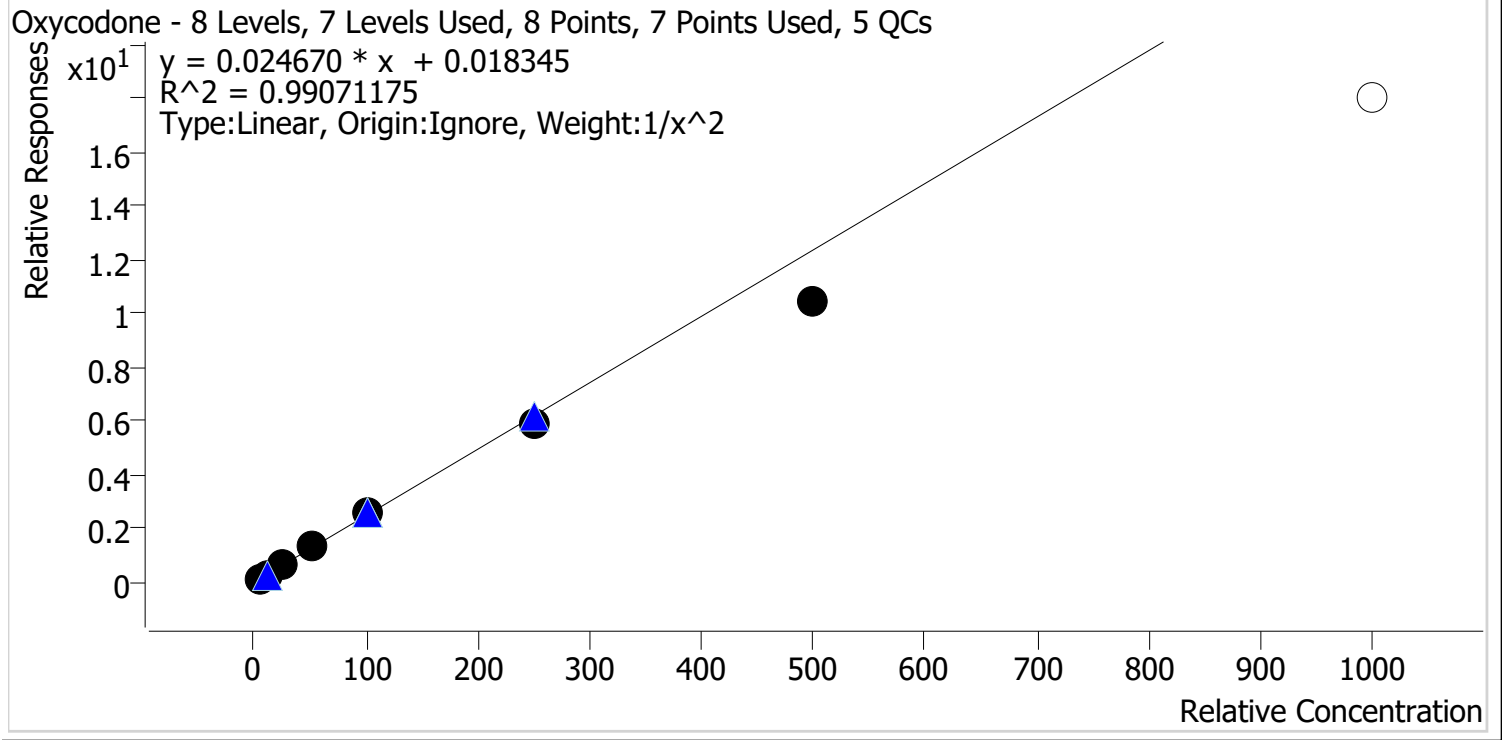
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
TS_p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
TS_p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
TS_p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
TS_p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
TS_p1 Cal 7-500ng	7	✓	500.0	468.8	93.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	987.7	98.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Oxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
TS_p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
TS_p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
TS_p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
TS_p1 Cal 6-250ng	6	✓	250.0	240.9	96.4
TS_p1 Cal 7-500ng	7	✓	500.0	424.3	84.9
TS_p1 Cal 8-1000ng	8	✗	1000.0	727.7	72.8

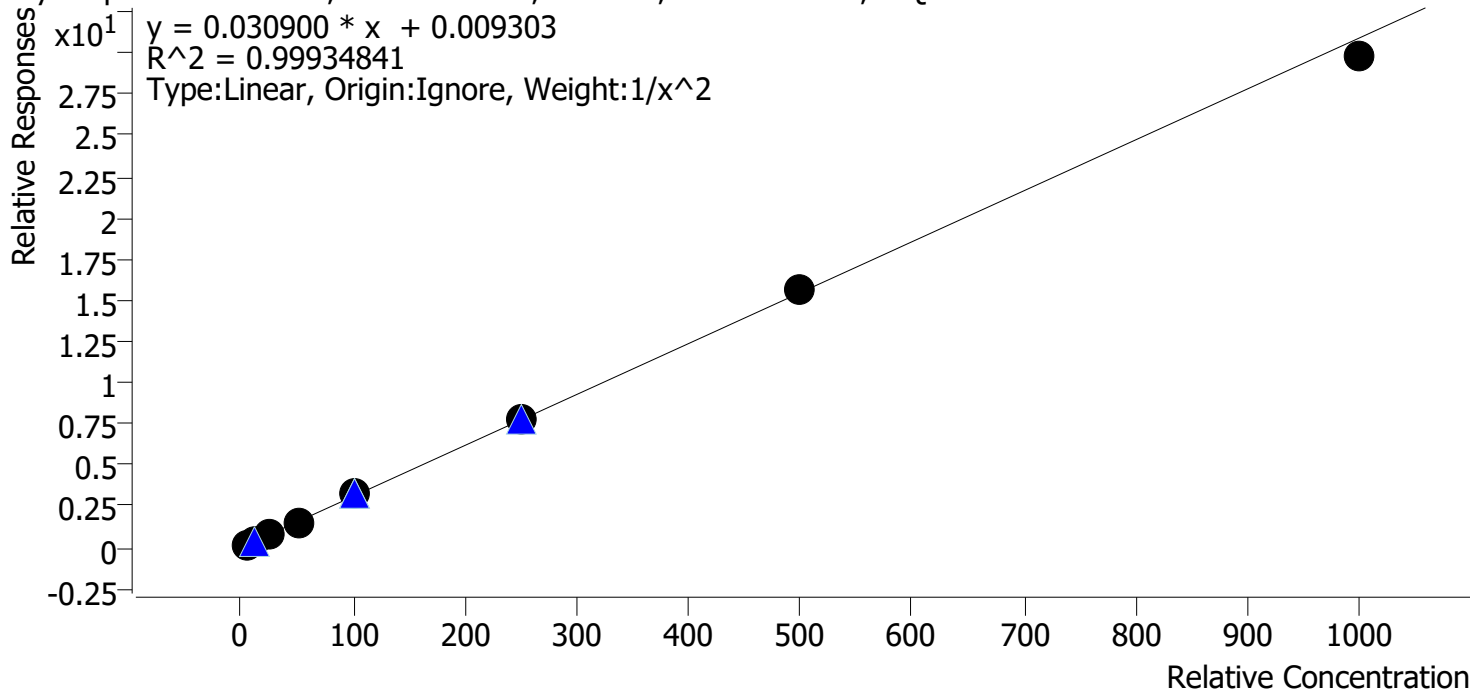
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



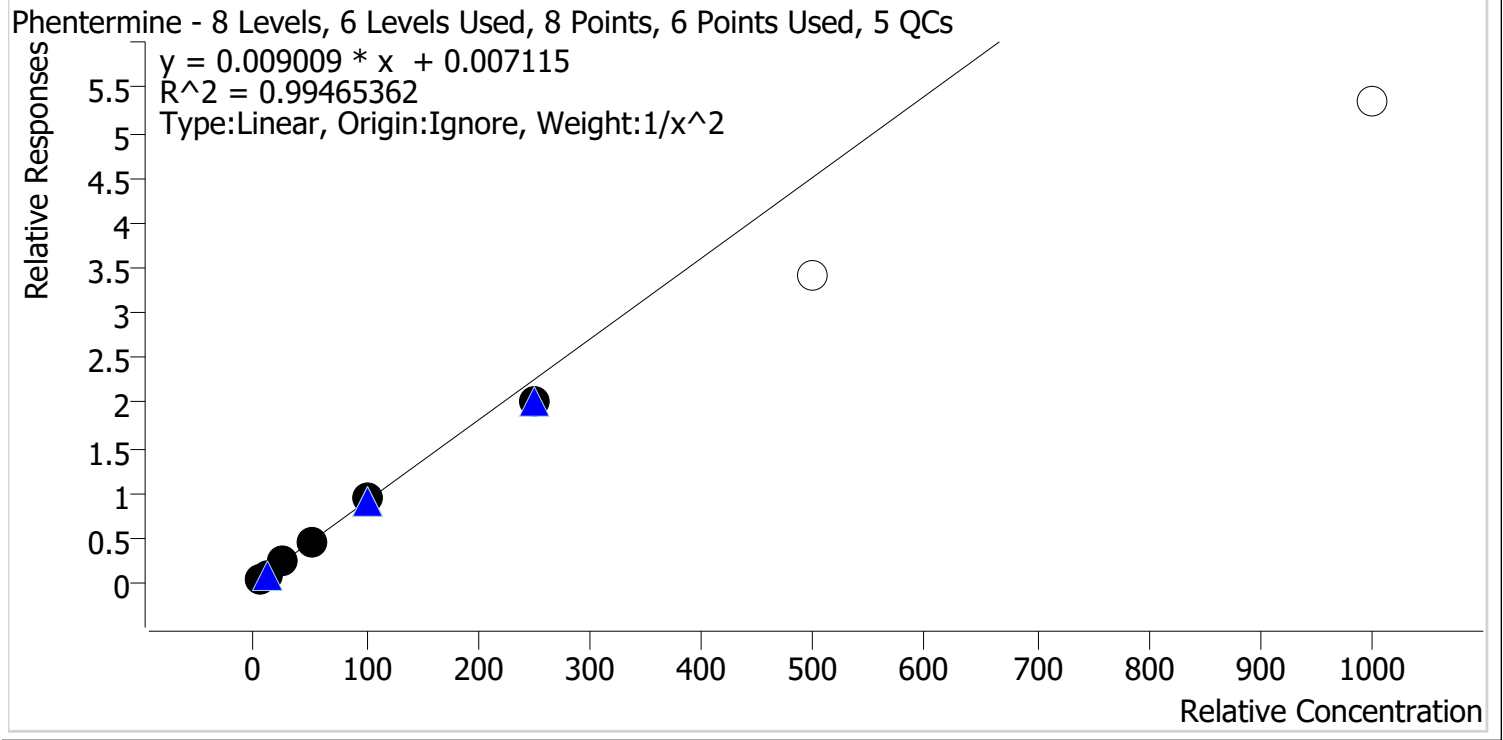
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
TS_p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
TS_p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
TS_p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
TS_p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	963.6	96.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
TS_p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
TS_p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
TS_p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
TS_p1 Cal 6-250ng	6	✓	250.0	222.5	89.0
TS_p1 Cal 7-500ng	7	✗	500.0	377.9	75.6
TS_p1 Cal 8-1000ng	8	✗	1000.0	594.6	59.5

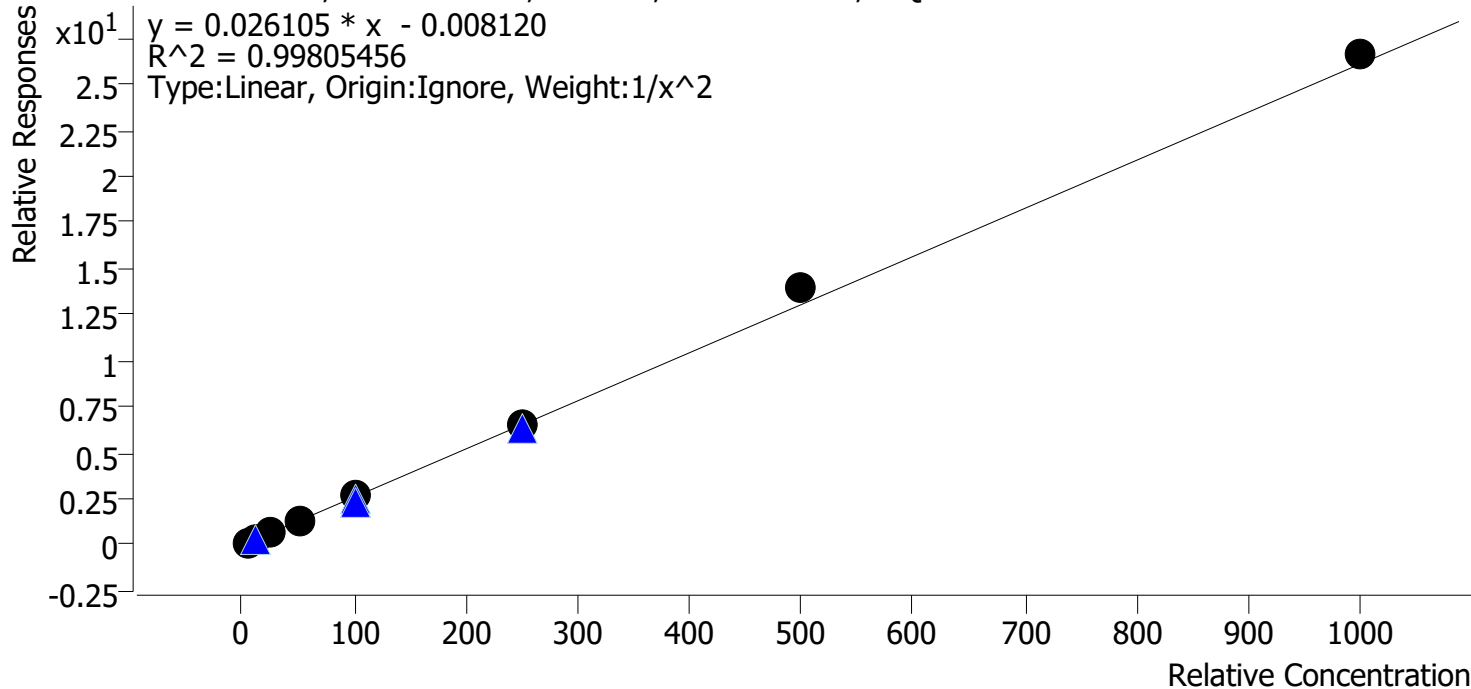
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Promethazine **Internal Standard** Promethazine-D3

Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



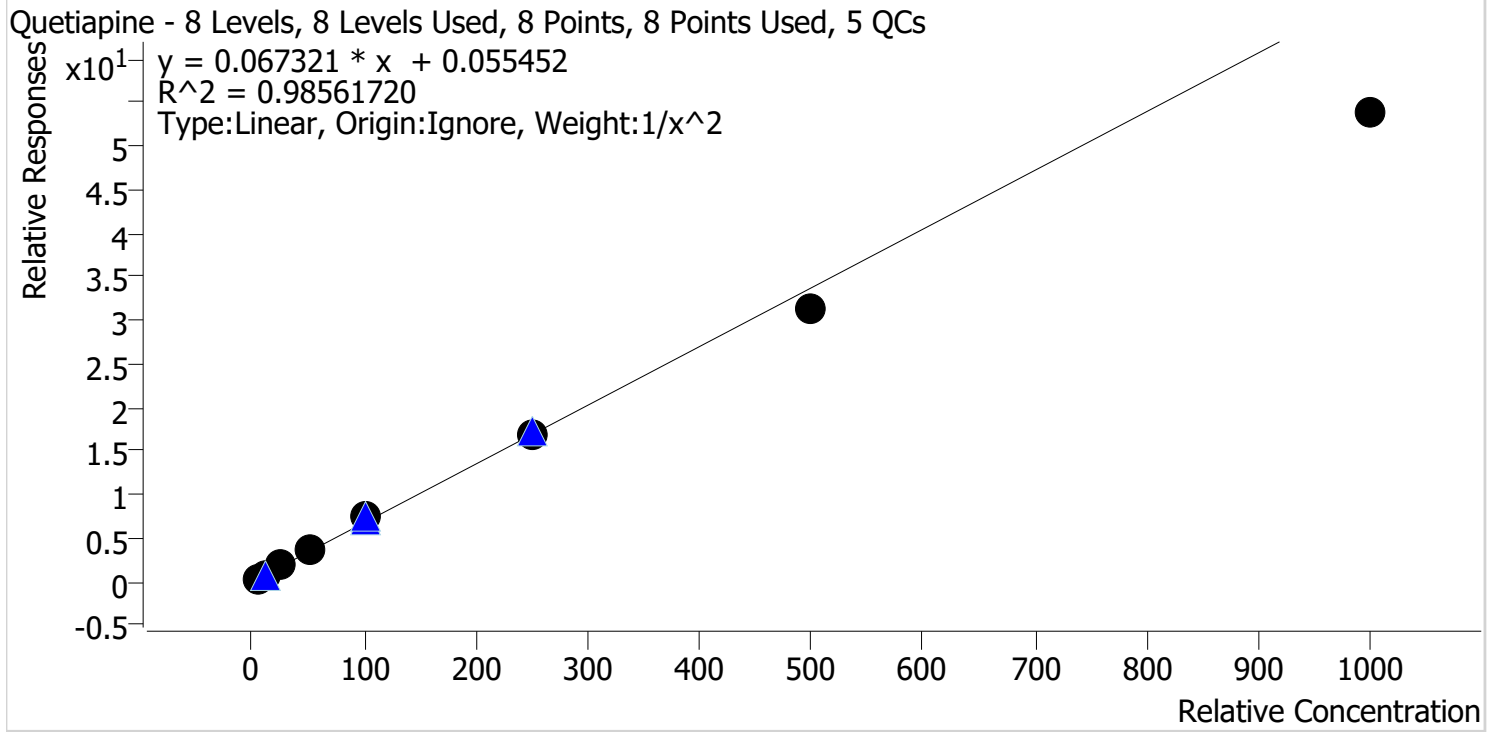
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
TS_p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
TS_p1 Cal 4-50ng	4	✓	50.0	47.7	95.3
TS_p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
TS_p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
TS_p1 Cal 7-500ng	7	✓	500.0	531.7	106.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	1019.6	102.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Quetiapine **Internal Standard** Quetiapine-D8



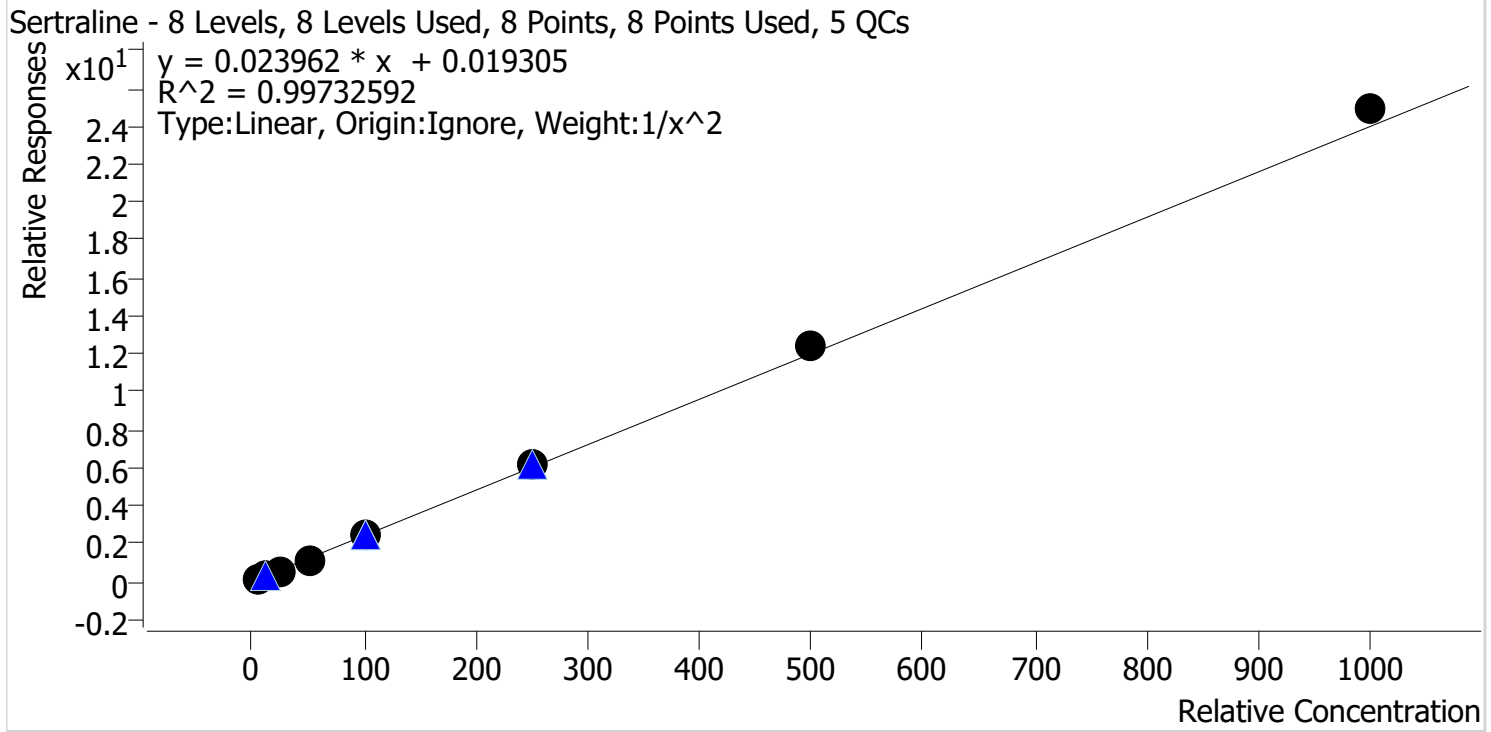
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.7	93.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.6	106.5
TS_p1 Cal 3 -25ng	3	✓	25.0	27.6	110.4
TS_p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
TS_p1 Cal 5-100ng	5	✓	100.0	110.0	110.0
TS_p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
TS_p1 Cal 7-500ng	7	✓	500.0	464.3	92.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	801.9	80.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Sertraline **Internal Standard** Sertraline-D3



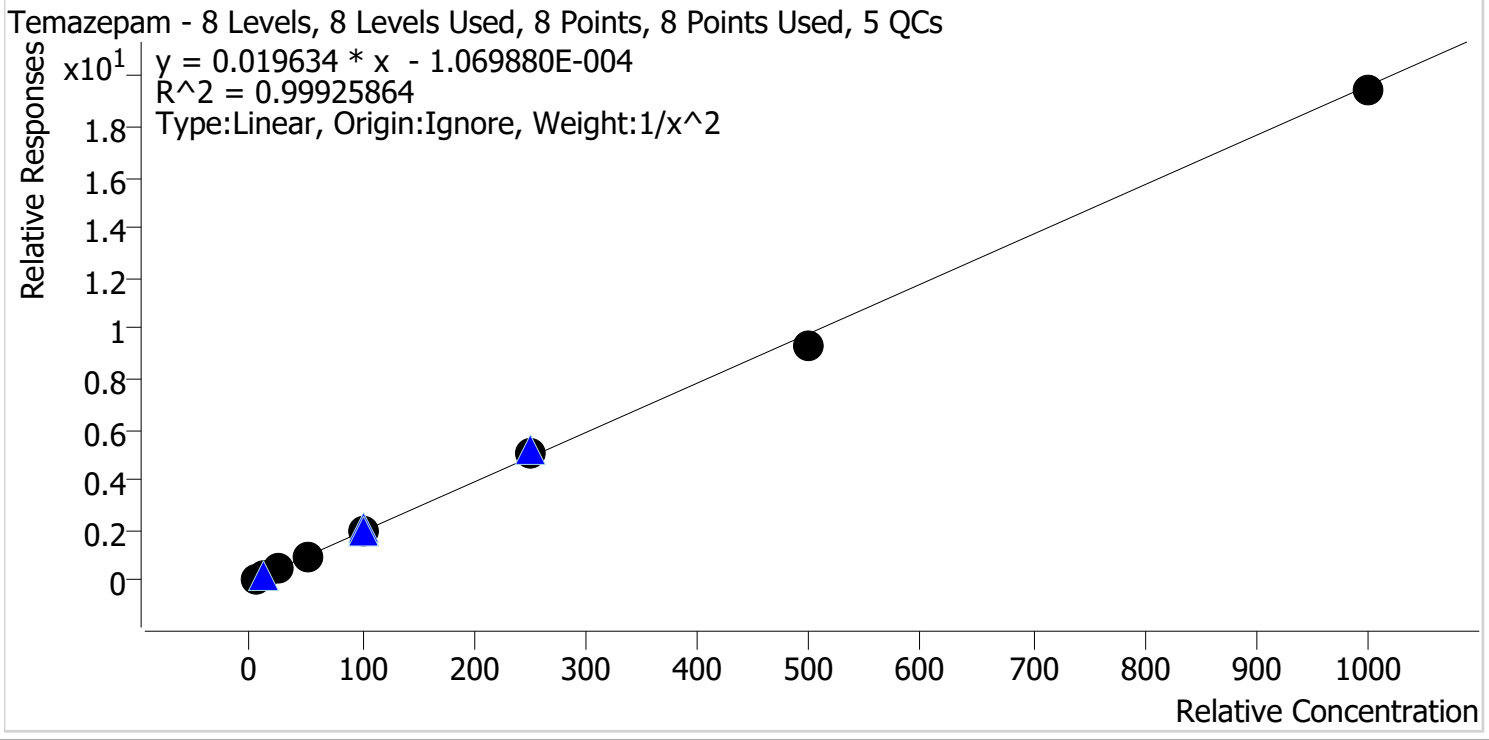
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.2	92.1
TS_p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
TS_p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
TS_p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
TS_p1 Cal 6-250ng	6	✓	250.0	258.6	103.4
TS_p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	1039.0	103.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Temazepam **Internal Standard** Temazepam-D5



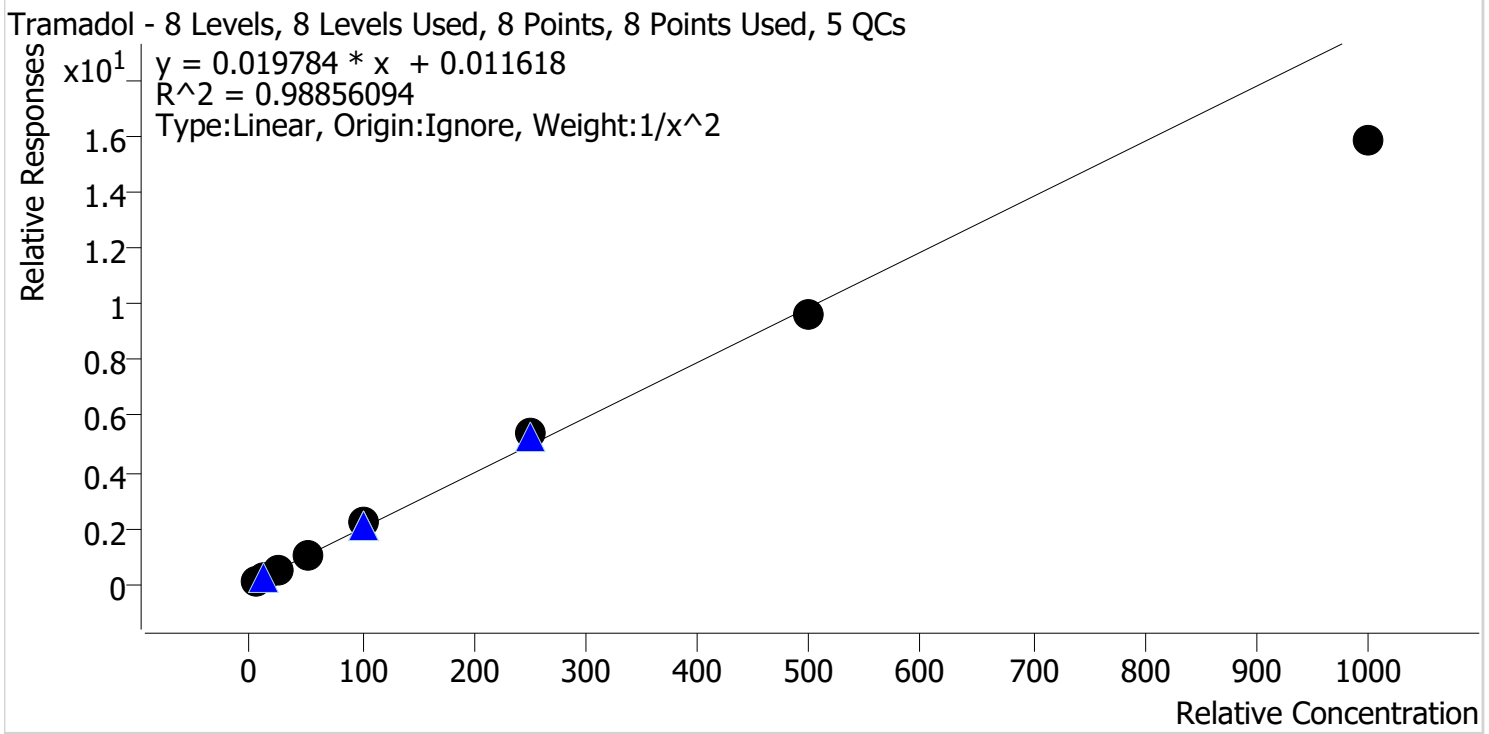
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
TS_p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
TS_p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
TS_p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
TS_p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
TS_p1 Cal 7-500ng	7	✓	500.0	477.6	95.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	990.2	99.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
TS_p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
TS_p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
TS_p1 Cal 5-100ng	5	✓	100.0	110.9	110.9
TS_p1 Cal 6-250ng	6	✓	250.0	274.0	109.6
TS_p1 Cal 7-500ng	7	✓	500.0	488.0	97.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	804.3	80.4

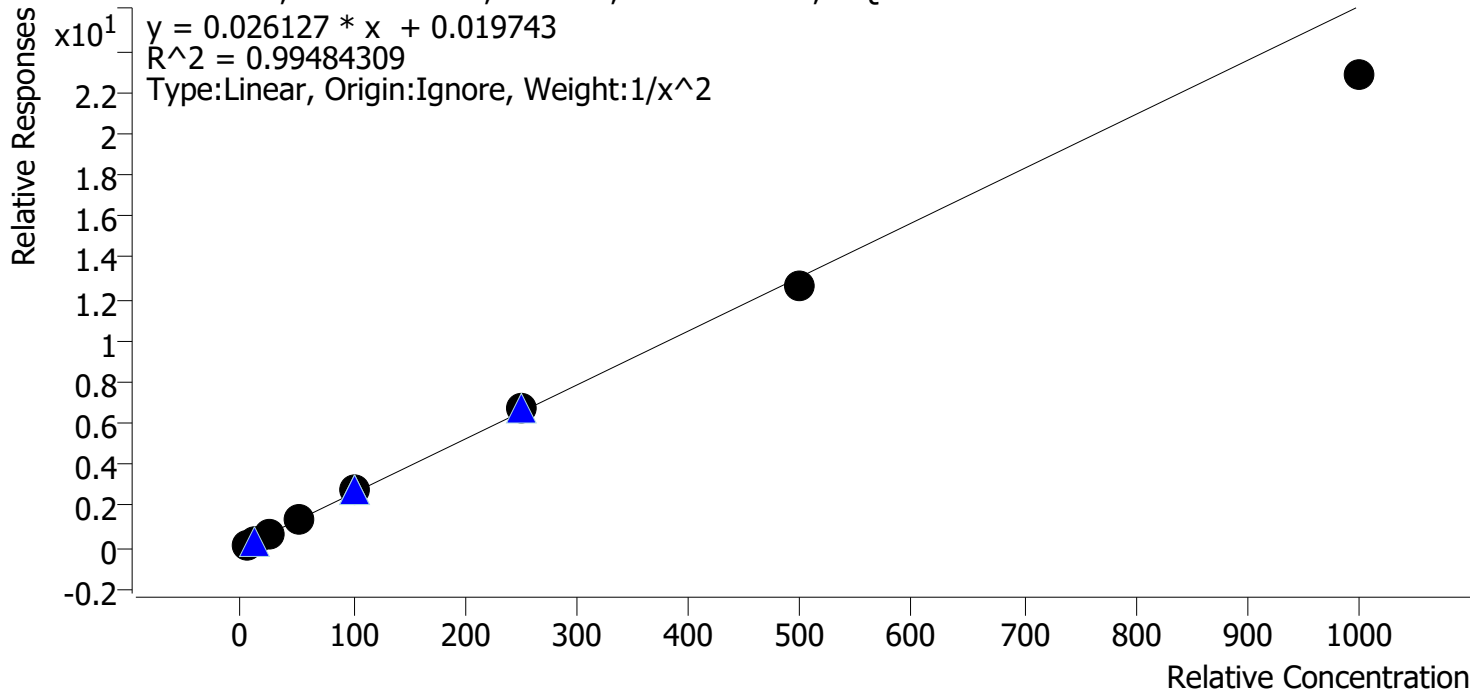
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Trazodone **Internal Standard** Trazodone-D6

Trazodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
TS_p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
TS_p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
TS_p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
TS_p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
TS_p1 Cal 7-500ng	7	✓	500.0	481.9	96.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	877.4	87.7

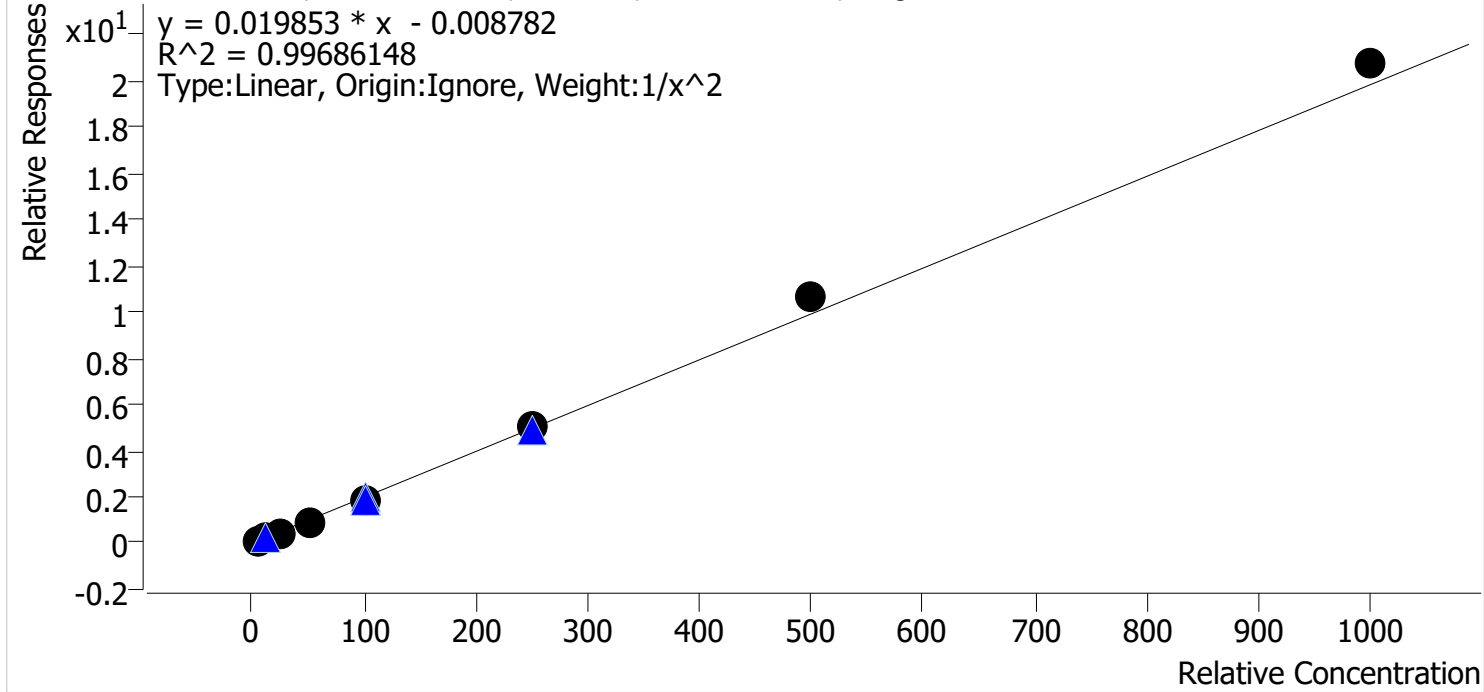
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

Venlafaxine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



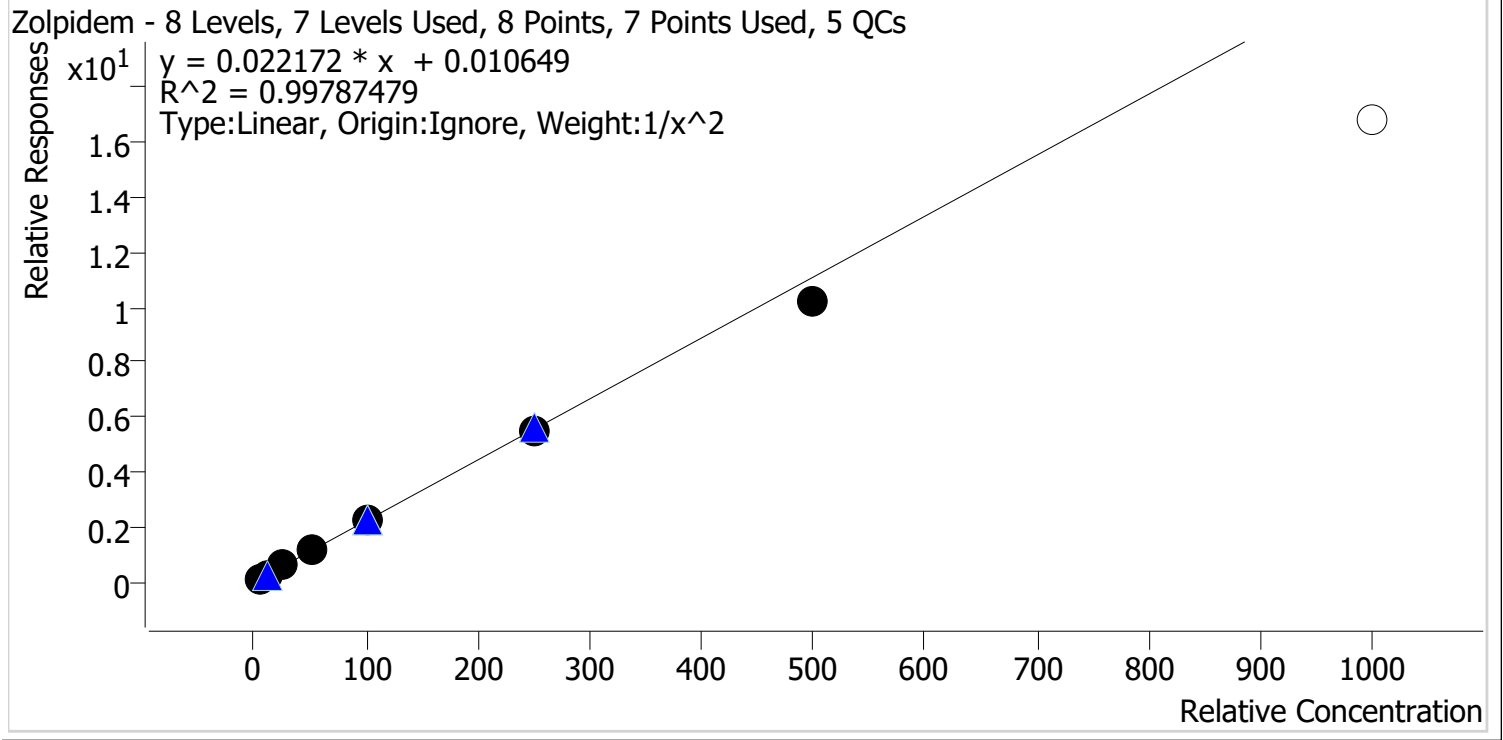
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
TS_p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
TS_p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
TS_p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
TS_p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
TS_p1 Cal 7-500ng	7	✓	500.0	536.1	107.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1050.1	105.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 4/3/2023 9:34 AM
Analyst Name ISP\tsalazar
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
TS_p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
TS_p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
TS_p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
TS_p1 Cal 7-500ng	7	✓	500.0	462.7	92.5
TS_p1 Cal 8-1000ng	8	✗	1000.0	755.5	75.6

AM #28 Multi-Drug Quant. Results

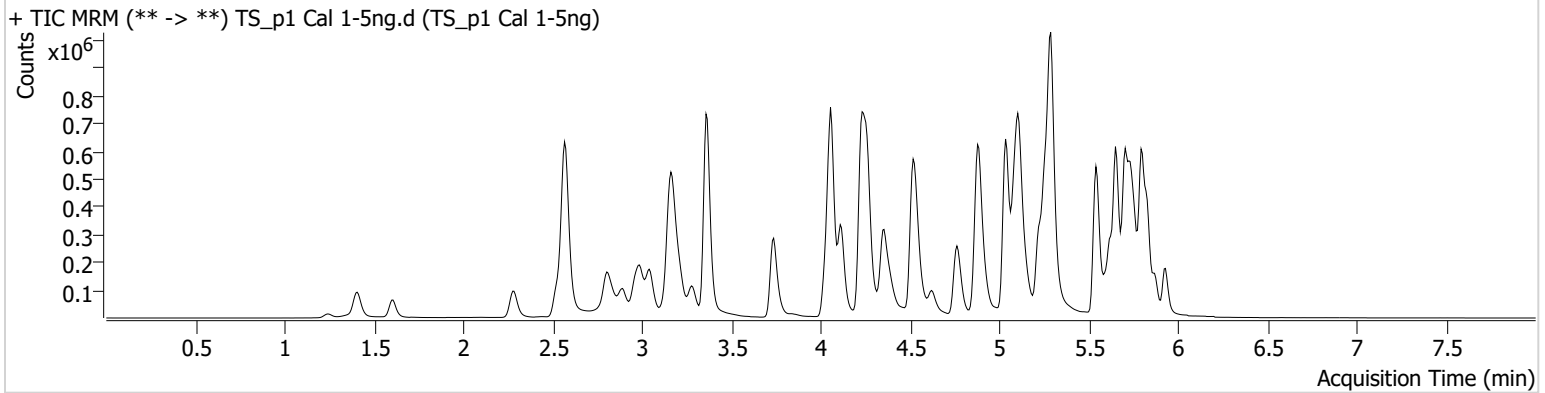
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 1-5ng.d
Type	Cal	Sample	TS_p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-H12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 3:42:46 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	1497	845.58	85.6	1214.24	86568	0.5029 ng/ml
7-aminoclonazepam	4.251	19989	138.86	81.9	109.41	162441	4.7309 ng/ml
a-hydroxyalprazolam	5.682	14116	298.31	69.1	774.33	982092	4.9747 ng/ml
alpha-PHP	4.928	24746	621.76	257.8	100.27	673917	4.9502 ng/ml
alpha-PVP	4.363	91522	612.24	51.4	1247.03	673917	5.0755 ng/ml
Alprazolam	5.759	55372	228.07	117.8	742.55	293039	4.9873 ng/ml
Amphetamine	3.043	186894	1078.74	43.1	624.56	394252	4.7684 ng/ml
Benzoylcegonine	3.871	1928	11.33	8.5	33.56	11488	5.0818 ng/ml
Buprenorphine	5.817	1890	1145.66	15.4	375.49	117044	0.4961 ng/ml
Bupropion	4.778	98070	1269.79	63.0	275.68	622090	4.9744 ng/ml
Carisoprodol	5.714	60123	112374.26	59.1	104.26	527414	5.2114 ng/ml
Chlordiazepoxide	5.835	20139	932.16	181.3	391.09	572146	4.7369 ng/ml
Chlorpheniramine	5.118	150720	1418.76	0.3	8.06	1274740	5.0343 ng/ml
Citalopram	5.218	90623	346.62	38.4	43328.07	622647	5.1377 ng/ml
Clonazepam	5.601	53390	333.53	32.4	86592.84	136242	4.7531 ng/ml
Clonazolam	5.545	43780	1211.35	40.1	2535.95	136242	4.7381 ng/ml
Cocaine	4.257	67497	162.14	55.1	745.89	1064140	5.0155 ng/ml
Codeine	2.580	9941	1222.05	99.1	295.86	78584	4.7592 ng/ml
Cyclobenzaprine	5.625	59445	2167.77	8.3	142.19	463399	5.1164 ng/ml
Dextromethorphan	5.269	43895	2824.88	79.4	93.28	368188	4.9754 ng/ml
Dextrorphan	4.118	30278	1168.81	218.4	501.29	636973	5.0851 ng/ml
Diazepam	5.931	39629	236.91	86.8	282.27	277370	5.0038 ng/ml
Dihydrocodeine	2.558	25285	465.41	55.9	4439.26	289686	4.8817 ng/ml
Diphenhydramine	5.290	251895	466.46	31.9	712.01	1952577	5.0988 ng/ml
DMT	2.852	11215	188.05	116.6	926.11	368188	5.1099 ng/ml
Doxylamine	4.538	197969	6051.18	98.2	1832.74	1601375	5.0136 ng/ml
Duloxetine	5.644	4438	220.10	11.8	436.68	37646	5.1088 ng/ml
EDDP	5.262	83409	756.66	43.5	95.83	778993	5.1138 ng/ml
Etizolam	5.797	16068	25227.48	27.3	3569.61	136242	5.2653 ng/ml
Fentanyl	5.101	6654	194.55	67.1	68.34	573673	0.4793 ng/ml
Flualprazolam	5.688	26916	2095.23	95.3	5874.12	293039	4.8000 ng/ml
Fluorofentanyl	5.149	14841	∞	42.0	763.81	5409	0.5017 ng/ml
Fluoxetine	5.704	53209	604.11	7.5	2257.42	354322	5.1367 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	39641	77.88	32.9	185.30	377793	4.7581 ng/ml
Hydromorphone	1.609	25390	27.64	73.5	2971.76	142139	5.1599 ng/ml
Hydroxyzine	5.701	77057	1000.94	73.6	654.66	368188	5.1974 ng/ml
Ketamine	4.043	74231	66538.09	39.7	265.51	437625	4.8567 ng/ml
Lamotrigine	4.274	6451	79.08	88.2	917.41	1629822	4.8391 ng/ml
Lorazepam	5.737	47534	295.19	42.5	28.26	630641	4.8857 ng/ml
MDA	3.191	128401	1100.18	33.3	83.31	670703	4.8563 ng/ml
MDMA	3.285	64975	775.50	101.4	408.12	153491	4.9971 ng/ml
Meprobamate	4.895	44090	78770.34	28.0	520.44	393800	4.7382 ng/ml
Methadone	5.656	138982	1781.77	47.0	470.82	990701	5.0624 ng/ml
Methamphetamine	3.219	185018	3107.89	34.0	1302.52	1037857	4.8252 ng/ml
Metoprolol	4.320	19458	10291.39	101.4	461.34	1451440	4.9350 ng/ml
Mirtazapine	4.620	123046	604.42	50.4	441.23	673917	5.1205 ng/ml
Mitragynine	5.230	25928	3735.73	36.0	460.34	990701	5.0044 ng/ml
Morphine	1.253	4176	1188.56	16.8	72.51	11729	4.9243 ng/ml
Norbuprenorphine	4.990	435	819.34	116.2	252.56	24615	0.4335 ng/ml
Nordiazepam	5.877	32322	398.31	62.9	239.16	180620	4.9846 ng/ml
Norfentanyl	4.078	16060	23427.21	36.0	6.23 Low	1213489	0.5156 ng/ml
Norhydrocodone	3.067	6707	154.13	43.2	139.56	140583	5.1385 ng/ml
Noroxycodone	2.911	41514	586.17	42.8	196.59	277871	5.1544 ng/ml
O-desmethyl-tramadol	3.366	157825	2229.31	6.0	353.95	1795294	5.0852 ng/ml
o-desmethylvenlafaxine	4.063	239501	13722.19	18.6	350.06	347540	5.2216 ng/ml
Olanzapine	4.468	28017	158.12	57.4	235.67	140873	5.0536 ng/ml
Oxazepam	5.740	61702	118.70	82.3	40.10	630641	4.8936 ng/ml
Oxycodone	2.835	74191	332.31	27.5	456.93	540858	4.8168 ng/ml
Oxymorphone	1.411	42783	1780.24	43.8	575.48	261145	5.0009 ng/ml
Phentermine	3.774	41608	221.16	6.3	99.72	817830	4.8572 ng/ml
Promethazine	5.541	102793	291.35	30.6	55.80	826801	5.0737 ng/ml
Pseudoephedrine	2.583	208704	1117.51	17.2	1737.04	1629822	5.1702 ng/ml
Quetiapine	5.551	96971	19075.15	60.6	71292.56	261393	4.6869 ng/ml
Sertraline	5.773	14318	196.73	107.2	1745.69	98807	5.2418 ng/ml
Temazepam	5.800	95481	302.28	27.9	129.90	982092	4.9573 ng/ml
Tramadol	4.239	157600	231.45	3.4	308.79	1451440	4.9010 ng/ml
Trazodone	5.141	94724	5597.91	61.4	4543.30	646801	4.8497 ng/ml
Venlafaxine	5.036	143714	483.73	36.5	304.16	1536663	5.1530 ng/ml
Zolpidem	4.905	163065	39334.34	28.3	721.53	1347914	4.9759 ng/ml

AM #28 Multi-Drug Quant. Results

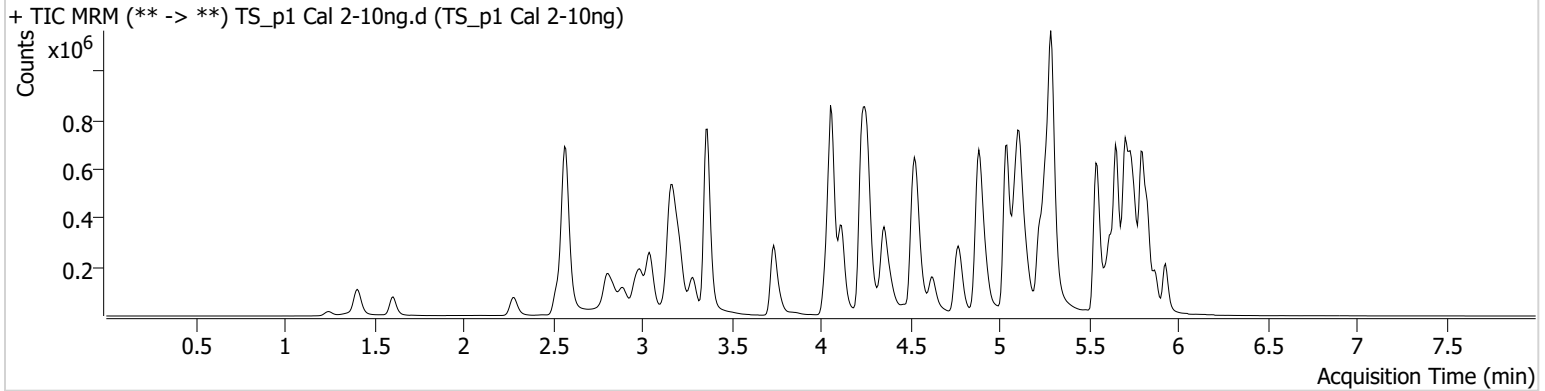
TS



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Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 2-10ng.d
Type	Cal	Sample	TS_p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 3:53:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3044	713.41	71.9	60.30	86139	0.9820 ng/ml
7-aminoclonazepam	4.251	38810	513.04	87.3	632.66	155872	10.5464 ng/ml
a-hydroxyalprazolam	5.682	25941	638.08	68.7	1683.04	985592	9.8233 ng/ml
alpha-PHP	4.935	46711	918.71	267.6	10465.53	653932	9.9083 ng/ml
alpha-PVP	4.363	177720	311.39	52.8	682.04	653932	9.9364 ng/ml
Alprazolam	5.759	110474	415.98	114.7	2632.38	290215	10.0260 ng/ml
Amphetamine	3.043	353960	580.81	42.8	181.93	389252	10.4921 ng/ml
Benzoylecgonine	3.871	3485	40.37	8.4	227.01	10873	9.7180 ng/ml
Buprenorphine	5.817	4057	118.25	13.1	1042.96	112219	1.0744 ng/ml
Bupropion	4.785	190175	1300.78	63.1	2391.06	604455	10.0596 ng/ml
Carisoprodol	5.714	117956	22125.83	59.9	83.51	514384	9.7521 ng/ml
Chlordiazepoxide	5.835	38274	1921.91	172.1	171.85	565471	10.6371 ng/ml
Chlorpheniramine	5.118	296468	2762.86	0.3	15.87	1240410	10.0205 ng/ml
Citalopram	5.225	168621	339.34	41.4	203.49	608984	9.6500 ng/ml
Clonazepam	5.601	107514	337.83	32.9	248.45	136126	10.4199 ng/ml
Clonazolam	5.545	89108	817.71	35.3	21428.85	136126	10.6868 ng/ml
Cocaine	4.264	130715	281.04	54.0	709.11	1032640	10.0399 ng/ml
Codeine	2.580	18380	39163.09	109.0	56842.38	75630	10.3781 ng/ml
Cyclobenzaprine	5.625	114910	81678.93	7.2	57.57	455929	9.8180 ng/ml
Dextromethorphan	5.269	88828	304.12	78.6	190.25	361321	10.2119 ng/ml
Dextrorphan	4.118	58870	4385.51	222.5	21625.64	629174	9.8170 ng/ml
Diazepam	5.931	76507	189.63	88.8	207.06	277085	9.8593 ng/ml
Dihydrocodeine	2.558	48451	1965.52	55.5	1193.26	288493	10.1315 ng/ml
Diphenhydramine	5.297	486310	591.68	31.4	254.89	1905837	9.7894 ng/ml
DMT	2.852	21872	63.67	116.9	315.68	361321	9.9557 ng/ml
Doxylamine	4.538	384691	8269.81	99.9	264.62	1584082	9.9000 ng/ml
Duloxetine	5.651	7219	183.36	12.2	46.89	35505	9.3544 ng/ml
EDDP	5.262	154477	256.48	42.0	3041.07	730916	9.8225 ng/ml
Etizolam	5.797	29616	23308.74	28.1	7873.63	136126	9.3679 ng/ml
Fentanyl	5.101	12721	1257.02	68.0	11088.39	551706	1.0419 ng/ml
Flualprazolam	5.688	50209	5161.48	97.8	5813.76	290215	10.2102 ng/ml
Fluorofentanyl	5.156	28754	600.18	40.0	13030.32	4680	1.0568 ng/ml
Fluoxetine	5.704	94488	15369.35	7.0	283.22	322686	9.8271 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	77032	384.71	32.5	96.68	372748	10.3867 ng/ml
Hydromorphone	1.615	48833	922.39	72.8	1001.31	152460	9.4319 ng/ml
Hydroxyzine	5.701	151316	1210.70	74.0	589.97	361321	9.7492 ng/ml
Ketamine	4.043	141364	71732.03	41.7	164.60	425913	10.2785 ng/ml
Lamotrigine	4.274	12612	885.41	82.5	1241.38	1583712	10.3295 ng/ml
Lorazepam	5.737	86068	1037.46	48.0	77.61	621719	9.9384 ng/ml
MDA	3.198	244237	1330.69	34.6	105.05	665274	10.1704 ng/ml
MDMA	3.292	124010	4564.79	101.9	1221.87	150451	9.9788 ng/ml
Meprobamate	4.895	85274	51530.26	28.3	1342.18	387145	10.6078 ng/ml
Methadone	5.656	279805	531.56	46.1	1780.12	977272	9.9078 ng/ml
Methamphetamine	3.219	327829	9336.49	32.1	1618.29	1025240	10.3168 ng/ml
Metoprolol	4.327	37260	1283.44	100.9	1638.13	1426577	10.0275 ng/ml
Mirtazapine	4.627	239414	1351.29	49.9	4127.49	653932	9.8621 ng/ml
Mitragynine	5.230	47716	36837.12	36.1	1588.52	977272	9.7895 ng/ml
Morphine	1.253	8022	4439.15	18.6	530.90	11257	10.1175 ng/ml
Norbuprenorphine	4.997	724	1096.05	99.1	1112.57	23035	1.0164 ng/ml
Nordiazepam	5.877	64422	1443.59	62.9	544.20	179436	10.0493 ng/ml
Norfentanyl	4.078	30792	318.08	36.3	10.44	1177763	0.9703 ng/ml
Norhydrocodone	3.067	13454	169.31	37.9	138.00	130927	9.9594 ng/ml
Noroxycodone	2.911	77121	1798.80	43.7	511.01	272407	9.6100 ng/ml
O-desmethyl-tramadol	3.366	308698	5470.22	5.8	278.06	1734305	9.8950 ng/ml
o-desmethylvenlafaxine	4.063	462495	8468.42	18.6	431.32	343111	9.7156 ng/ml
Olanzapine	4.468	51681	1031.30	55.4	341.98	124052	10.0929 ng/ml
Oxazepam	5.740	124994	1097.22	72.8	209.20	621719	10.2447 ng/ml
Oxycodone	2.835	144833	835.37	27.5	5352.30	533139	10.2683 ng/ml
Oxymorphone	1.411	80975	538.65	42.5	1110.07	254820	9.9830 ng/ml
Phentermine	3.774	80972	2104.06	5.9	62.25	807000	10.3472 ng/ml
Promethazine	5.541	197705	943.41	31.1	479.38	780456	10.0151 ng/ml
Pseudoephedrine	2.583	400945	676.75	17.5	2406.66	1583712	9.6750 ng/ml
Quetiapine	5.551	194408	17480.58	58.2	461551.43	251736	10.6478 ng/ml
Sertraline	5.773	22205	270.96	116.1	184.99	92513	9.2111 ng/ml
Temazepam	5.800	194548	4158.62	28.2	94.10	985592	10.0593 ng/ml
Tramadol	4.239	305737	369.21	3.3	127.42	1426577	10.2453 ng/ml
Trazodone	5.141	183016	7712.58	63.5	498475.06	634003	10.2931 ng/ml
Venlafaxine	5.043	278671	3490.02	36.1	284.78	1513862	9.7142 ng/ml
Zolpidem	4.905	312305	3304.88	29.0	478.85	1359925	9.8772 ng/ml

AM #28 Multi-Drug Quant. Results

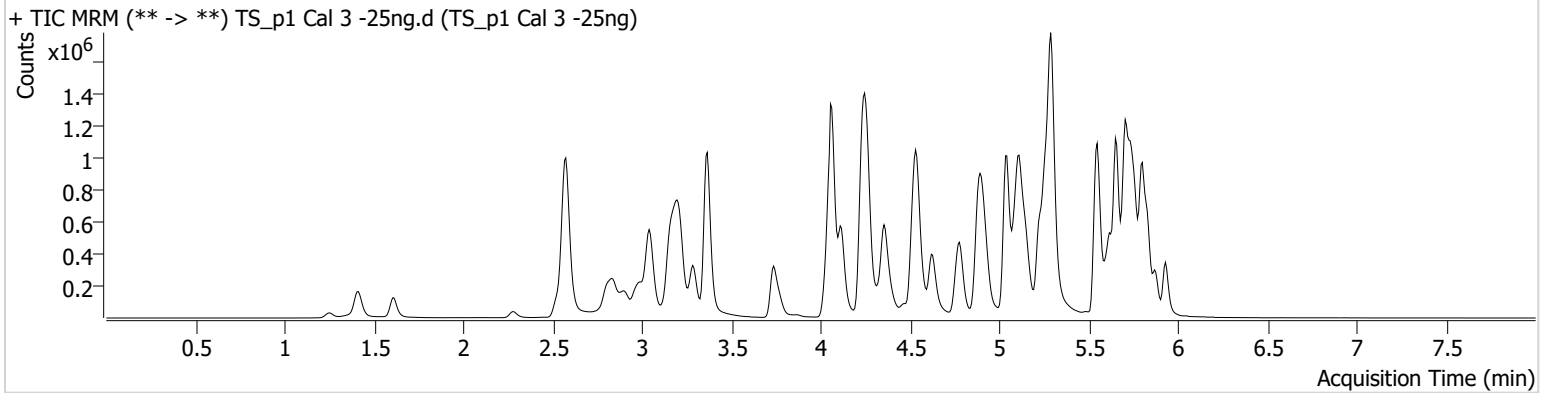
TS



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Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 3 -25ng.d
Type	Cal	Sample	TS_p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:04:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	8608	950.42	72.5	1174.68	91713	2.5356 ng/ml
7-aminoclonazepam	4.251	97525	1121.09	88.7	98.09	158834	27.4029 ng/ml
a-hydroxyalprazolam	5.682	72494	1192.05	65.5	468.67	1059005	26.9221 ng/ml
alpha-PHP	4.928	136646	343.96	254.6	3523.81	743463	25.9591 ng/ml
alpha-PVP	4.363	492936	21245.70	52.6	495.49	743463	23.9244 ng/ml
Alprazolam	5.759	295287	647.34	116.1	832.95	313660	24.7647 ng/ml
Amphetamine	3.043	930226	3051.77	42.7	7713.97	424357	27.3592 ng/ml
Benzoylecgonine	3.871	9519	437.88	7.2	105.70	11735	24.6096 ng/ml
Buprenorphine	5.817	10287	799.58	15.0	2714.10	134646	2.2375 ng/ml
Bupropion	4.785	526820	12982.53	62.3	646.69	675663	25.1256 ng/ml
Carisoprodol	5.714	294113	136617.76	61.8	1926.34	526292	22.7274 ng/ml
Chlordiazepoxide	5.835	100229	2362.30	178.6	1672.77	640156	26.7812 ng/ml
Chlorpheniramine	5.118	808710	5330.96	0.3	21.64	1390349	24.1671 ng/ml
Citalopram	5.225	478649	356.80	39.4	4723.19	690203	23.9620 ng/ml
Clonazepam	5.601	290202	500.14	33.8	990.87	147112	27.2640 ng/ml
Clonazolam	5.545	230876	5744.60	37.1	61646.37	147112	27.0157 ng/ml
Cocaine	4.264	346742	1247.86	55.2	397636.56	1130228	24.3768 ng/ml
Codeine	2.580	48091	153.22	107.0	787.84	80460	27.4804 ng/ml
Cyclobenzaprine	5.625	319542	4246.74	7.5	81.25	514410	23.8422 ng/ml
Dextromethorphan	5.269	243655	7415.10	77.8	7866.63	411583	24.5266 ng/ml
Dextrorphan	4.118	167218	4808.70	218.5	23694.98	709710	24.4179 ng/ml
Diazepam	5.931	211526	2584.12	88.1	3235.72	298042	25.6608 ng/ml
Dihydrocodeine	2.558	130746	14724.28	55.5	228.70	308377	26.7960 ng/ml
Diphenhydramine	5.297	1352734	15756.33	31.2	8374.70	2118389	24.0438 ng/ml
DMT	2.852	58945	820.99	117.4	4184.40	411583	23.2785 ng/ml
Doxylamine	4.538	1064618	6028.32	98.2	579.81	1751497	24.8588 ng/ml
Duloxetine	5.651	20628	397.33	14.4	52.93	39435	25.2454 ng/ml
EDDP	5.262	443588	14820.07	43.0	191.56	848452	23.8875 ng/ml
Etizolam	5.797	81170	9536.85	27.7	464.84	147112	23.1299 ng/ml
Fentanyl	5.101	35430	1257.03	68.8	80.15	641121	2.6228 ng/ml
Flualprazolam	5.688	133946	3344.24	100.3	91784.41	313660	27.1451 ng/ml
Fluorofentanyl	5.156	80209	894.29	41.2	7617.48	5978	2.2443 ng/ml
Fluoxetine	5.704	255585	409.58	7.7	8977.61	362335	23.3929 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	206915	108.25	31.8	174.93	403787	27.3050 ng/ml
Hydromorphone	1.615	133766	2213.18	72.2	4532.29	161629	24.7282 ng/ml
Hydroxyzine	5.701	420011	10670.06	72.4	10745.04	411583	22.8221 ng/ml
Ketamine	4.043	379584	8604.44	42.1	9976.75	468578	26.2540 ng/ml
Lamotrigine	4.274	32848	631.03	87.0	2252.71	1691593	26.0289 ng/ml
Lorazepam	5.737	236372	3081.93	47.7	269.51	653094	27.8454 ng/ml
MDA	3.191	646018	992.61	33.1	1112.02	694218	27.2140 ng/ml
MDMA	3.285	338105	2889.28	104.2	2683.44	165860	25.0658 ng/ml
Meprobamate	4.895	218045	94791.77	29.2	519.61	413388	27.2563 ng/ml
Methadone	5.656	798779	11675.90	44.7	995.78	1101688	24.4660 ng/ml
Methamphetamine	3.219	838924	9949.76	32.6	985.98	1133878	26.6228 ng/ml
Metoprolol	4.320	104047	1118.26	99.2	2407.11	1579930	25.9459 ng/ml
Mirtazapine	4.627	670754	56678.67	48.6	3591.85	743463	23.7121 ng/ml
Mitragynine	5.230	134687	889.57	37.6	86623.80	1101688	25.2988 ng/ml
Morphine	1.253	21732	21906.73	17.2	159.19	12183	25.7190 ng/ml
Norbuprenorphine	4.990	1893	4135.82	114.2	876.30	28139	2.5343 ng/ml
Nordiazepam	5.877	178553	3517.41	63.3	451.87	199338	25.1444 ng/ml
Norfentanyl	4.078	81117	1312.52	37.4	200.30	1250174	2.3347 ng/ml
Norhydrocodone	3.067	34040	59.83	37.3	413.31	137568	22.6297 ng/ml
Noroxycodone	2.911	207801	7478.43	44.2	569.53	287211	24.2862 ng/ml
O-desmethyl-tramadol	3.366	844905	10756.81	5.8	316.84	1902412	24.1041 ng/ml
o-desmethylvenlafaxine	4.063	1193576	∞	19.8	1285.31	377607	22.0823 ng/ml
Olanzapine	4.468	128610	370.42	57.6	212.24	129760	23.3907 ng/ml
Oxazepam	5.740	329473	2120.42	74.0	689.53	653094	25.9773 ng/ml
Oxycodone	2.835	393371	1179.18	27.0	1034.66	570415	27.2105 ng/ml
Oxymorphone	1.411	214075	∞	42.8	740.83	272149	25.1559 ng/ml
Phentermine	3.774	216795	820.04	6.3	235.05	895715	26.0751 ng/ml
Promethazine	5.541	547945	869.64	31.6	407.32	903775	23.5363 ng/ml
Pseudoephedrine	2.583	1081722	12723.47	17.5	384.26	1691593	23.5840 ng/ml
Quetiapine	5.551	529979	34337.96	59.5	27762.84	277034	27.5932 ng/ml
Sertraline	5.773	62885	3132.73	106.4	141765.69	105083	24.1685 ng/ml
Temazepam	5.800	534550	1577.55	27.9	1363.27	1059005	25.7149 ng/ml
Tramadol	4.239	802835	∞	3.6	55.28	1579930	25.0970 ng/ml
Trazodone	5.141	499312	13889.38	65.1	7493.02	702589	26.4455 ng/ml
Venlafaxine	5.042	778196	882.43	35.6	420.28	1687774	23.6664 ng/ml
Zolpidem	4.905	853268	901.91	28.5	26535.61	1461616	25.8491 ng/ml

TS

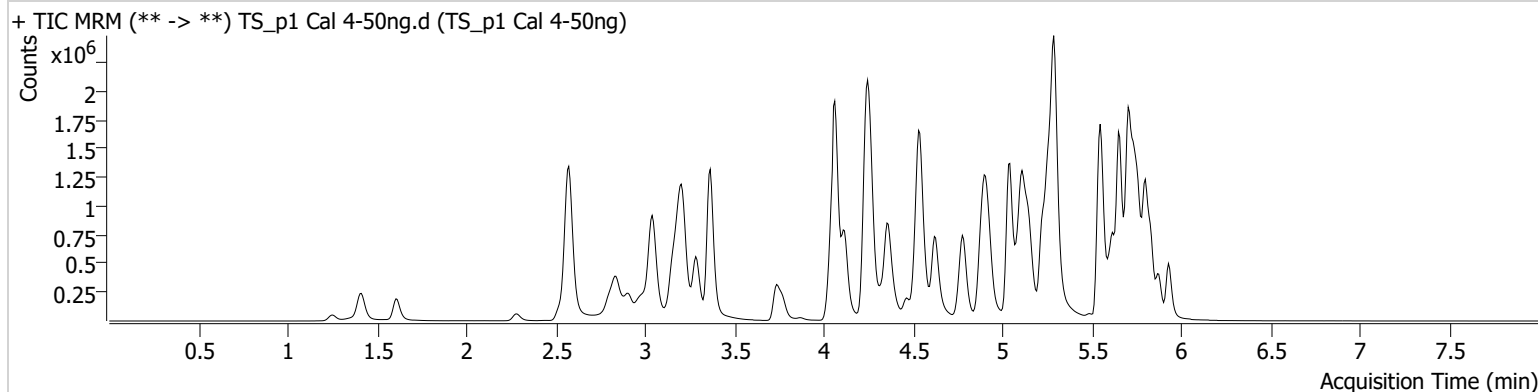


AM #28 Multi-Drug Quant. Results

Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 4-50ng.d
Type	Cal	Sample	TS_p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-E12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:14:56 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	16851	426.66	72.8	22247.56	89993	5.0149 ng/ml
7-aminoclonazepam	4.251	188493	1246.22	88.8	931.83	159963	53.4640 ng/ml
a-hydroxyalprazolam	5.682	119819	389.26	68.3	445.04	962973	49.6359 ng/ml
alpha-PHP	4.928	265020	625.89	252.2	3802.81	710364	52.9962 ng/ml
alpha-PVP	4.363	957071	996.55	52.8	3978.14	710364	48.3880 ng/ml
Alprazolam	5.759	540456	954.33	115.8	1535.75	281629	50.4598 ng/ml
Amphetamine	3.043	1687090	1720.95	42.4	586.06	412299	52.3404 ng/ml
Benzoylecgonine	3.871	17915	215.53	8.5	296.26	10708	50.7722 ng/ml
Buprenorphine	5.817	21504	652.66	14.5	4309.72	135296	4.6226 ng/ml
Bupropion	4.785	999111	17030.05	63.1	11125.58	647914	49.8209 ng/ml
Carisoprodol	5.714	500764	969.62	60.9	426.29	448413	44.6953 ng/ml
Chlordiazepoxide	5.835	176789	6721.66	187.4	1758.40	591033	52.6722 ng/ml
Chlorpheniramine	5.118	1577782	16645.20	0.3	90.80	1341468	48.7114 ng/ml
Citalopram	5.225	914751	438.87	39.5	508.70	644302	48.9124 ng/ml
Clonazepam	5.601	513669	1370.43	32.5	97753.85	133250	54.0679 ng/ml
Clonazolam	5.545	397376	91006.12	37.5	224950.07	133250	52.2339 ng/ml
Cocaine	4.264	656206	9957.76	54.7	7425.88	1046505	49.8558 ng/ml
Codeine	2.580	88286	3907.15	104.8	5879.54	76120	54.5862 ng/ml
Cyclobenzaprine	5.625	634766	80279.04	7.4	331.84	505485	47.9505 ng/ml
Dextromethorphan	5.269	456902	38064.61	78.9	13379.52	386753	48.9001 ng/ml
Dextrorphan	4.118	317159	808.28	220.1	2796.37	676159	48.4137 ng/ml
Diazepam	5.931	387222	941.67	90.8	1718.04	279965	50.2005 ng/ml
Dihydrocodeine	2.552	243021	4260.14	54.4	810.49	299807	51.9589 ng/ml
Diphenhydramine	5.290	2607980	24373.03	31.2	42540.78	1996023	48.8803 ng/ml
DMT	2.852	112805	721.51	119.7	1678.99	386753	47.2000 ng/ml
Doxylamine	4.538	2069639	58955.38	96.6	5750.48	1683298	50.3384 ng/ml
Duloxetine	5.651	42598	1540.44	13.0	91.63	39446	52.9146 ng/ml
EDDP	5.262	924351	18026.21	41.5	5964.76	875698	47.9441 ng/ml
Etizolam	5.797	147714	4538.39	28.5	42011.10	133250	46.0589 ng/ml
Fentanyl	5.101	68918	345.70	68.7	69549.43	622589	5.3440 ng/ml
Flualprazolam	5.688	240379	3425.67	99.0	43329.67	281629	55.5766 ng/ml
Fluorofentanyl	5.156	157358	363.48	41.1	10772.25	6036	4.3103 ng/ml
Fluoxetine	5.704	508511	2486.52	7.5	646.61	355981	47.1694 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	381544	2921.68	32.3	96.61	386426	53.5824 ng/ml
Hydromorphone	1.615	259370	6433.96	71.9	1167670.71	159453	48.8200 ng/ml
Hydroxyzine	5.701	793002	16212.47	75.1	19280.02	386753	45.1995 ng/ml
Ketamine	4.043	708127	16816.53	41.4	399.01	449459	51.8267 ng/ml
Lamotrigine	4.281	60267	5168.63	90.4	1050.07	1573792	51.9001 ng/ml
Lorazepam	5.737	387411	1954.53	48.3	337.28	573280	52.9927 ng/ml
MDA	3.191	1154688	1956.71	32.7	476.44	658360	52.1183 ng/ml
MDMA	3.285	641008	4049.01	103.4	4054.70	159220	49.7598 ng/ml
Meprobamate	4.895	390938	12912.13	28.2	6974.12	386419	53.4997 ng/ml
Methadone	5.656	1562794	57104.21	44.9	16606.34	1096760	47.6891 ng/ml
Methamphetamine	3.219	1553762	5380.78	32.7	1494.40	1107926	52.3379 ng/ml
Metoprolol	4.320	190945	1368.40	101.5	2010.94	1496467	50.6795 ng/ml
Mirtazapine	4.627	1262357	3032.90	48.8	887.34	710364	46.3142 ng/ml
Mitragynine	5.230	275675	1277.65	36.7	1021.39	1096760	52.5665 ng/ml
Morphine	1.253	42646	1065.38	17.1	198.95	12078	51.1658 ng/ml
Norbuprenorphine	4.990	3561	∞	92.4	3455.12	26722	5.3313 ng/ml
Nordiazepam	5.877	318584	561.43	64.6	944.59	182248	49.1169 ng/ml
Norfentanyl	4.078	154749	898.12	36.9	314.76	1163120	4.7353 ng/ml
Norhydrocodone	3.067	60793	147.04	40.7	81.62	114535	47.4431 ng/ml
Noroxycodone	2.911	380862	897.26	44.4	484.67	266694	47.7656 ng/ml
O-desmethyl-tramadol	3.366	1610192	4628.52	5.8	3613.05	1819648	47.6376 ng/ml
o-desmethylvenlafaxine	4.063	2373567	80071.00	18.7	2606.33	352787	46.4149 ng/ml
Olanzapine	4.461	344995	2626.73	57.4	23788.91	164966	48.8548 ng/ml
Oxazepam	5.740	551926	4992.73	76.6	507.37	573280	49.7379 ng/ml
Oxycodone	2.828	740634	1909.65	27.7	1780.92	565596	52.3366 ng/ml
Oxymorphone	1.411	408656	∞	43.0	2535.17	269568	48.7599 ng/ml
Phentermine	3.774	402713	963.47	6.2	194.60	850594	51.7609 ng/ml
Promethazine	5.541	1139551	61422.84	30.3	2911.47	921980	47.6584 ng/ml
Pseudoephedrine	2.576	2033731	39342.77	16.0	23534.86	1573792	47.0877 ng/ml
Quetiapine	5.551	978460	597.06	60.1	22867.35	269637	53.0795 ng/ml
Sertraline	5.773	127612	582.88	103.1	362.50	108216	48.4070 ng/ml
Temazepam	5.800	935387	5686.51	27.3	459.94	962973	49.4797 ng/ml
Tramadol	4.239	1506592	1278.67	3.6	136.40	1496467	50.2997 ng/ml
Trazodone	5.141	926371	78418.38	67.2	22325.18	693654	50.3605 ng/ml
Venlafaxine	5.042	1519469	4945.11	34.7	468.58	1628396	47.4422 ng/ml
Zolpidem	4.905	1605303	1239.13	28.4	3724.92	1385120	51.7904 ng/ml

AM #28 Multi-Drug Quant. Results

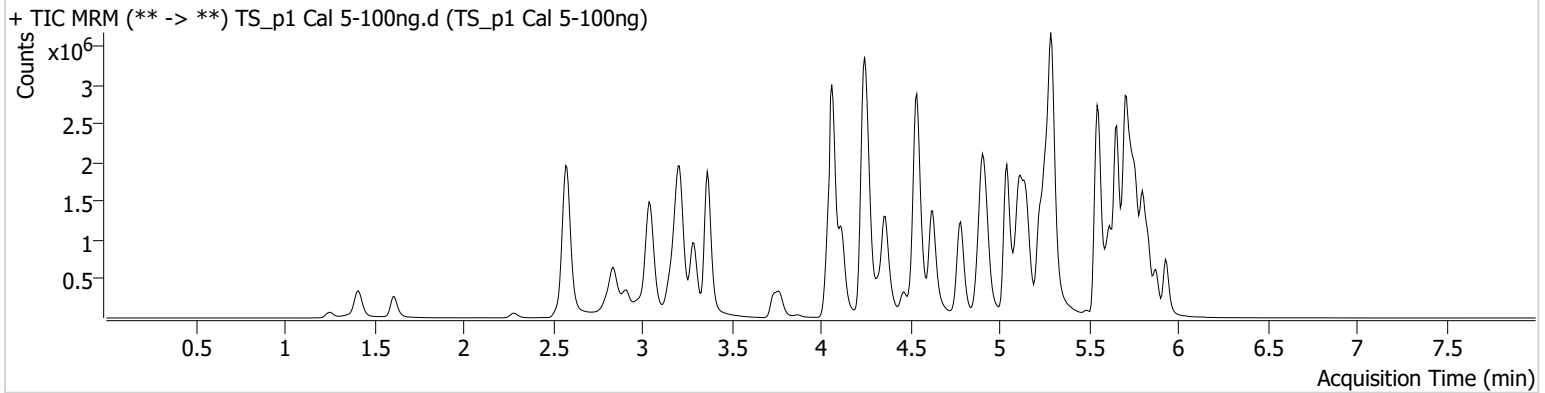
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 5-100ng.d
Type	Cal	Sample	TS_p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:25:33 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	32526	1456.04	73.4	5789.90	86519	10.0243 ng/ml
7-aminoclonazepam	4.251	333088	264.07	90.3	2229.29	143602	106.1619 ng/ml
a-hydroxyalprazolam	5.682	195361	554.68	66.7	3634.08	783035	100.3900 ng/ml
alpha-PHP	4.935	466669	5102.39	258.2	12686.12	649319	102.3670 ng/ml
alpha-PVP	4.363	1792019	16636.69	52.0	10518.83	649319	98.8886 ng/ml
Alprazolam	5.759	1002441	1554.05	115.1	1030.58	255369	103.1958 ng/ml
Amphetamine	3.043	3065699	1834.50	40.2	7835.91	384171	103.4661 ng/ml
Benzoylcegonine	3.871	28834	415.01	7.5	1043.79	8782	99.6466 ng/ml
Buprenorphine	5.817	37289	48870.86	15.4	16669.59	112114	9.6413 ng/ml
Bupropion	4.785	1923239	341297.71	62.2	3936.50	606861	102.5299 ng/ml
Carisoprodol	5.714	847648	2005.76	59.5	353.18	356186	94.4284 ng/ml
Chlordiazepoxide	5.835	316617	6502.56	191.1	2409.16	526597	107.5482 ng/ml
Chlorpheniramine	5.118	3055633	37589.85	0.3	280.41	1244290	101.5390 ng/ml
Citalopram	5.225	1675391	25667.64	39.6	439.85	581205	99.1681 ng/ml
Clonazepam	5.601	893574	372.03	33.4	383.31	117908	107.0940 ng/ml
Clonazolam	5.545	673289	625424.33	37.2	396959.89	117908	100.9309 ng/ml
Cocaine	4.264	1225929	20523.32	55.8	118817.47	978033	99.6926 ng/ml
Codeine	2.580	152040	1790.22	106.6	1033.45	67805	106.7840 ng/ml
Cyclobenzaprine	5.625	1199052	111732.29	7.6	356.39	471829	96.7892 ng/ml
Dextromethorphan	5.269	843897	38182.64	78.2	9643.87	347964	100.3387 ng/ml
Dextrorphan	4.118	588007	962.18	219.6	2970.84	612951	98.8056 ng/ml
Diazepam	5.931	703971	3130.59	90.2	5724.88	254660	100.5358 ng/ml
Dihydrocodeine	2.558	448614	18845.47	55.5	230.84	282199	102.6681 ng/ml
Diphenhydramine	5.297	4838040	52377.97	31.1	8057.55	1823278	98.9567 ng/ml
DMT	2.852	207965	2533.07	123.1	2558.91	347964	96.5054 ng/ml
Doxylamine	4.538	4019912	7798.96	98.0	67365.62	1592919	103.3768 ng/ml
Duloxetine	5.651	81779	536.94	14.1	515.09	37923	106.4123 ng/ml
EDDP	5.262	1560190	669.23	43.1	6758.22	732174	96.5027 ng/ml
Etizolam	5.797	280850	1178.30	27.7	119702.61	117908	98.4978 ng/ml
Fentanyl	5.101	133281	268.66	69.5	3685.59	595046	10.9054 ng/ml
Flualprazolam	5.688	422477	4529.39	99.7	27395.75	255369	108.9641 ng/ml
Fluorofentanyl	5.156	314532	35438.42	40.8	1176.89	5204	9.9226 ng/ml
Fluoxetine	5.711	902815	1704.56	7.4	29100.76	304668	97.6360 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	709759	∞	32.0	885.79	351959	110.5281 ng/ml
Hydromorphone	1.615	437612	5856.53	72.7	1899483.74	129855	101.3866 ng/ml
Hydroxyzine	5.701	1514260	21309.30	74.9	20913.48	347964	95.2010 ng/ml
Ketamine	4.043	1346351	46584.34	40.7	604.05	423439	105.4175 ng/ml
Lamotrigine	4.281	111130	1100.85	86.4	6445.32	1408056	107.5866 ng/ml
Lorazepam	5.737	546987	5399.95	49.6	455.89	430152	100.7335 ng/ml
MDA	3.191	1954890	3322.45	32.5	646.78	573469	102.1800 ng/ml
MDMA	3.292	1216709	54992.72	102.9	7499.61	146452	102.9631 ng/ml
Meprobamate	4.895	653034	586.11	28.5	1067.44	345915	100.9828 ng/ml
Methadone	5.656	2909297	2505.01	44.2	32031.85	973207	99.6015 ng/ml
Methamphetamine	3.219	2926405	1750.33	32.3	15370.02	1042922	106.8147 ng/ml
Metoprolol	4.320	365599	3623.94	100.4	3183.55	1356696	107.5157 ng/ml
Mirtazapine	4.627	2482346	8914.63	48.5	3496.32	649319	99.1718 ng/ml
Mitragynine	5.230	482259	241997.77	36.2	81885.09	973207	104.1413 ng/ml
Morphine	1.253	67956	3617.77	17.2	348.21	9424	104.7666 ng/ml
Norbuprenorphine	4.997	6270	5873.61	99.7	5799.97	24944	10.3337 ng/ml
Nordiazepam	5.877	582346	966.19	63.4	792.41	159409	102.6979 ng/ml
Norfentanyl	4.078	275453	4401.20	37.5	1236.24	978326	9.9658 ng/ml
Norhydrocodone	3.067	105383	∞	40.3	160.84	98495	94.6591 ng/ml
Noroxycodone	2.911	656554	1465.73	42.9	1175.75	223950	97.8721 ng/ml
O-desmethyl-tramadol	3.366	3140031	2132.33	5.8	90679.61	1723797	97.6490 ng/ml
o-desmethylvenlafaxine	4.063	4547782	141640.96	18.2	3250.74	319095	97.7390 ng/ml
Olanzapine	4.461	603783	1230.05	57.1	1431.78	142795	98.3173 ng/ml
Oxazepam	5.740	877660	14689.36	74.5	334.22	430152	105.6098 ng/ml
Oxycodone	2.835	1363665	3997.09	27.7	2354.49	516700	106.2367 ng/ml
Oxymorphone	1.411	728088	∞	42.6	∞	227039	103.4829 ng/ml
Phentermine	3.774	743174	2832.77	6.2	2490.58	798261	102.5459 ng/ml
Promethazine	5.541	2186662	972.34	30.5	1117.20	839115	100.1370 ng/ml
Pseudoephedrine	2.583	3752857	82648.57	16.9	25288.29	1408056	96.5241 ng/ml
Quetiapine	5.551	1854826	38331.09	59.2	1565.81	248682	109.9689 ng/ml
Sertraline	5.773	252134	606.93	102.6	46099.33	104876	99.5248 ng/ml
Temazepam	5.800	1569082	4185.08	27.2	2247.64	783035	102.0679 ng/ml
Tramadol	4.239	2992867	3162.74	3.4	139.61	1356696	110.9148 ng/ml
Trazodone	5.141	1872059	466.45	65.8	227045.99	662898	107.3353 ng/ml
Venlafaxine	5.043	2798967	161414.92	35.9	17861.85	1470609	96.3085 ng/ml
Zolpidem	4.905	3142565	150409.08	28.4	22047.04	1369700	102.9976 ng/ml

AM #28 Multi-Drug Quant. Results

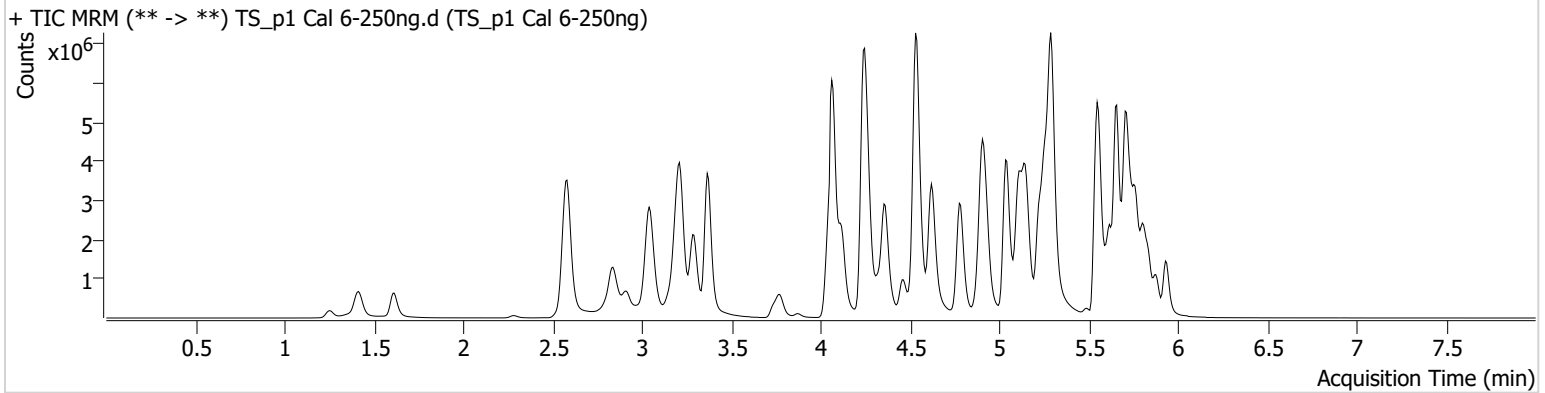
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 6-250ng.d
Type	Cal	Sample	TS_p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-C12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:36:10 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	81670	7400.93	74.8	35086.94	87059	24.9485 ng/ml
7-aminoclonazepam	4.251	646768	8885.59	87.2	88.51	124558	238.8330 ng/ml
a-hydroxyalprazolam	5.682	315792	∞	67.1	305.73	529415	241.2081 ng/ml
alpha-PHP	4.928	1158198	1088.32	256.4	5055.27	648085	254.9809 ng/ml
alpha-PVP	4.363	4503474	11091.87	52.5	892.24	648085	248.6532 ng/ml
Alprazolam	5.759	2112809	843.32	115.1	5009.99	212933	260.8169 ng/ml
Amphetamine	3.043	6077306	1500.09	40.4	16626.49	386454	205.3171 ng/ml
Benzoylecgonine	3.871	97495	467.36	8.0	5973.04	12223	242.0909 ng/ml
Buprenorphine	5.817	103446	6836.59	15.2	18589.68	120072	24.9266 ng/ml
Bupropion	4.778	4973190	135265.80	60.3	28664.15	628455	256.2146 ng/ml
Carisoprodol	5.714	1345967	359.47	60.1	216.42	210948	251.9615 ng/ml
Chlordiazepoxide	5.835	617278	7290.17	206.1	6095.21	467783	238.0177 ng/ml
Chlorpheniramine	5.111	7879442	154447.20	0.3	261.83	1283213	253.6632 ng/ml
Citalopram	5.218	3942243	93737.66	38.7	194464.77	532007	254.7082 ng/ml
Clonazepam	5.601	1688013	524.15	33.3	114462.89	95432	251.0572 ng/ml
Clonazolam	5.545	1140211	501960.87	37.1	2370.35	95432	212.2719 ng/ml
Cocaine	4.264	2818307	65520.49	55.2	1737.46	883569	253.7350 ng/ml
Codeine	2.586	292539	6167.69	104.4	266.80	60096	233.3867 ng/ml
Cyclobenzaprine	5.625	2966212	81568.10	7.2	876.63	452264	249.4109 ng/ml
Dextromethorphan	5.269	1843701	38347.84	77.5	49559.83	305753	249.4109 ng/ml
Dextrorphan	4.118	1424850	5680.45	218.5	37888.61	582396	251.6771 ng/ml
Diazepam	5.931	1623192	1634.22	86.4	∞	229215	257.8619 ng/ml
Dihydrocodeine	2.552	988502	16221.22	56.3	547.48	293780	218.1999 ng/ml
Diphenhydramine	5.290	11581132	73092.77	29.8	84914.00	1653813	260.6562 ng/ml
DMT	2.852	470586	2707.87	132.4	19370.64	305753	248.2036 ng/ml
Doxylamine	4.531	10676062	9062.02	96.4	329823.55	1641331	266.5335 ng/ml
Duloxetine	5.651	157725	5861.04	15.4	4433.08	31274	249.8685 ng/ml
EDDP	5.255	4244026	105641.67	41.9	700.29	761491	251.9496 ng/ml
Etizolam	5.797	598825	3057.00	27.8	4107.83	95432	258.8108 ng/ml
Fentanyl	5.094	328702	3327.39	68.7	11247.25	622528	25.8301 ng/ml
Flualprazolam	5.688	753194	17907.20	104.8	2882.05	212933	234.4828 ng/ml
Fluorofentanyl	5.156	800433	64837.69	40.9	5035.29	4774	27.4301 ng/ml
Fluoxetine	5.711	1762384	485.34	7.5	361.71	229407	252.8067 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1597460	424.04	32.7	261.97	354389	248.3551 ng/ml
Hydromorphone	1.615	1147184	10796498.05	72.5	4624519.42	138171	250.1162 ng/ml
Hydroxyzine	5.701	3618121	1296.30	75.2	43716.32	305753	257.7553 ng/ml
Ketamine	4.043	3036780	95805.70	40.2	1254.90	414918	243.7144 ng/ml
Lamotrigine	4.281	227963	6113.03	87.1	3332.91	1190153	261.9369 ng/ml
Lorazepam	5.730	710254	14693.33	49.6	1656.53	258858	218.6911 ng/ml
MDA	3.191	3428319	22201.89	33.1	3423.18	480820	214.7434 ng/ml
MDMA	3.292	2849506	195683.08	103.7	9209.25	138611	255.1655 ng/ml
Meprobamate	4.895	1165593	78508.50	27.8	474.06	305601	205.3773 ng/ml
Methadone	5.656	7554978	3123.71	43.5	3296.87	958851	261.8554 ng/ml
Methamphetamine	3.219	7020651	44777.70	31.5	10299.29	1100809	245.4462 ng/ml
Metoprolol	4.320	822445	1111818.76	100.9	1623.89	1301834	252.6436 ng/ml
Mirtazapine	4.620	6274348	96693.74	46.9	9114.62	648085	250.5246 ng/ml
Mitragynine	5.230	1173862	570364.66	37.4	1694.81	958851	258.0541 ng/ml
Morphine	1.253	184911	1476.80	18.6	6374.01	11378	236.4417 ng/ml
Norbuprenorphine	4.990	16330	155403.98	98.6	733.31	27192	25.1271 ng/ml
Nordiazepam	5.877	1197725	18197.93	63.6	1319.58	134033	251.2807 ng/ml
Norfentanyl	4.085	600382	1765.20	37.3	1602.31	755799	28.0270 ng/ml
Norhydrocodone	3.067	246844	∞	39.7	178.00	86610	250.5547 ng/ml
Noroxycodone	2.911	1335358	12839.46	44.0	944.63	185222	240.4264 ng/ml
O-desmethyl-tramadol	3.366	7896472	1580.13	5.6	16948.31	1636315	258.0481 ng/ml
o-desmethylvenlafaxine	4.063	10588503	157154.55	17.4	6123.38	287447	251.7930 ng/ml
Olanzapine	4.461	1800568	6842.13	57.7	1587.63	167439	249.3476 ng/ml
Oxazepam	5.740	1225952	217.91	75.4	158.98	258858	245.3753 ng/ml
Oxycodone	2.828	3114470	4069.86	27.6	53462.81	522387	240.9287 ng/ml
Oxymorphone	1.411	1681398	∞	42.7	∞	214745	253.0917 ng/ml
Phentermine	3.774	1614735	∞	6.0	2208.80	802529	222.5394 ng/ml
Promethazine	5.541	5571525	148170.54	30.0	29585.90	850812	251.1668 ng/ml
Pseudoephedrine	2.583	8292915	109468.81	16.7	66988.60	1190153	251.4437 ng/ml
Quetiapine	5.558	4074495	290.79	60.7	30621.09	240737	250.5859 ng/ml
Sertraline	5.773	531547	70936.28	99.5	740.51	85528	258.5574 ng/ml
Temazepam	5.807	2646453	77389.04	27.4	1038.39	529415	254.6121 ng/ml
Tramadol	4.239	7071759	1950.60	3.3	77.81	1301834	273.9807 ng/ml
Trazodone	5.141	4467661	81694.61	68.7	1223.26	667802	255.3088 ng/ml
Venlafaxine	5.036	7230055	60351.82	33.8	1206.32	1434852	254.2468 ng/ml
Zolpidem	4.905	7533260	5256.95	27.9	6687.07	1367481	247.9760 ng/ml

AM #28 Multi-Drug Quant. Results

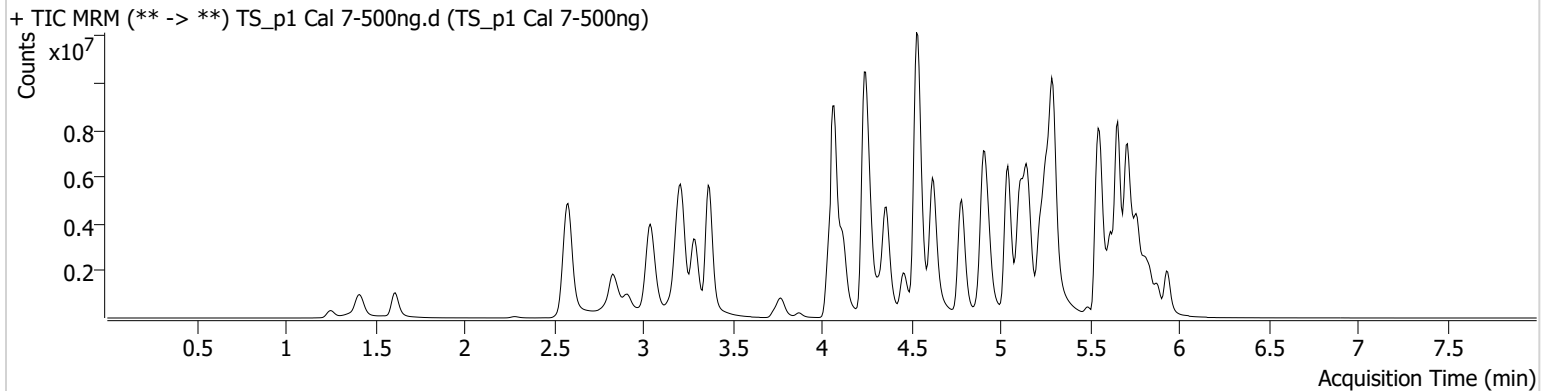
TS



Batch results G:\TOX\Pocatello\Falco\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 7-500ng.d
Type	Cal	Sample	TS_p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:46:48 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	153639	3048.51	73.4	198531.39	82097	49.7270 ng/ml
7-aminoclonazepam	4.251	835365	2168.92	85.1	109.56	94233	408.4215 ng/ml
a-hydroxyalprazolam	5.682	353446	177.73	64.6	259.62	296726	482.5308 ng/ml
alpha-PHP	4.935	1920228	7128.89	261.9	81773.74	558405	490.9096 ng/ml
alpha-PVP	4.363	8058303	246523.54	51.5	29008.33	558405	516.1469 ng/ml
Alprazolam	5.759	3035167	781.85	116.0	1733.92	155935	511.6110 ng/ml
Amphetamine	3.043	8838321	23202.12	40.2	36249.00	345098	335.2997 ng/ml
Benzoylecgonine	3.871	204529	522.73	8.1	480.19	12679	489.6093 ng/ml
Buprenorphine	5.817	188515	2238.96	14.6	18562.96	103398	52.7178 ng/ml
Bupropion	4.785	8956303	278056.93	61.3	82680.48	581962	498.4089 ng/ml
Carisoprodol	5.721	1448000	211.05	59.3	4780.59	105638	540.4509 ng/ml
Chlordiazepoxide	5.835	800261	12002.45	222.2	5876.46	346076	418.3396 ng/ml
Chlorpheniramine	5.111	14015742	31552.37	0.3	1331.96	1116151	518.5853 ng/ml
Citalopram	5.218	5756838	57734.45	38.7	46573.89	382242	517.5396 ng/ml
Clonazepam	5.601	2208192	2427.59	32.8	16094.76	66861	469.4784 ng/ml
Clonazolam	5.545	1268354	305209.46	38.6	181015.48	66861	337.6141 ng/ml
Cocaine	4.264	4595101	1143.38	55.9	1610.09	732209	499.2507 ng/ml
Codeine	2.580	432021	145.07	101.1	13804.27	50766	409.0129 ng/ml
Cyclobenzaprine	5.625	5053095	666.61	6.9	250.22	365075	526.0879 ng/ml
Dextromethorphan	5.269	2701707	32911.14	77.5	19603.27	220530	506.6731 ng/ml
Dextrorphan	4.118	2387684	28830.35	223.8	76940.44	480150	511.3500 ng/ml
Diazepam	5.938	2405351	354.05	88.2	3331.10	176917	495.2600 ng/ml
Dihydrocodeine	2.552	1599417	676.38	57.1	1591.02	278494	372.9948 ng/ml
Diphenhydramine	5.297	17853389	176963.32	31.3	62539.59	1283438	517.4864 ng/ml
DMT	2.852	786290	2046.26	140.5	53899.03	220530	574.7195 ng/ml
Doxylamine	4.531	19175243	363948.49	97.8	143749.18	1513684	519.1404 ng/ml
Duloxetine	5.644	230295	2001.29	14.6	785.44	22990	497.0403 ng/ml
EDDP	5.262	7678258	200916.98	40.8	94868.16	669688	518.0170 ng/ml
Etizolam	5.797	927693	12073.55	27.6	222485.97	66861	571.7789 ng/ml
Fentanyl	5.094	553849	333770.20	70.7	505824.76	581096	46.6984 ng/ml
Flualprazolam	5.688	931819	841.16	106.2	236734.17	155935	397.0391 ng/ml
Fluorofentanyl	5.156	1439970	34385.69	42.4	44009.10	4316	54.5282 ng/ml
Fluoxetine	5.711	2590504	12762.28	7.3	175.99	164818	517.0082 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	2700503	878.43	33.2	∞	326184	457.0234 ng/ml
Hydromorphone	1.615	2078004	4575908.84	72.8	1459066.10	124614	502.5758 ng/ml
Hydroxyzine	5.701	6010785	59721.67	75.1	23548.95	220530	592.8434 ng/ml
Ketamine	4.043	4863941	73157.99	40.3	18011.09	366529	442.5439 ng/ml
Lamotrigine	4.281	327704	3428.12	85.0	29021.24	906826	494.7072 ng/ml
Lorazepam	5.730	717946	13948.12	47.6	346.03	128399	446.8615 ng/ml
MDA	3.184	4605274	13273.72	31.7	1499.91	383594	362.2194 ng/ml
MDMA	3.292	4570026	5408.04	105.4	45266.86	115179	492.7343 ng/ml
Meprobamate	4.895	1470573	1204.95	28.0	1737.15	249735	317.8010 ng/ml
Methadone	5.656	12623487	15403.19	44.0	7025.32	810581	517.1638 ng/ml
Methamphetamine	3.219	11779152	344709.75	30.2	4466.40	1081000	420.8361 ng/ml
Metoprolol	4.327	1270150	48218.07	102.8	47113.49	1164379	436.5484 ng/ml
Mirtazapine	4.620	11330156	140482.26	47.0	184449.52	558405	524.6078 ng/ml
Mitragynine	5.230	1917343	55284.32	37.9	154042.62	810581	499.0827 ng/ml
Morphine	1.253	326735	1324.84	18.0	499.93	9348	508.8054 ng/ml
Norbuprenorphine	4.997	30936	39058.46	103.7	5446.13	25743	50.5963 ng/ml
Nordiazepam	5.877	1617126	18870.10	67.2	379.25	93216	487.8748 ng/ml
Norfentanyl	4.085	900451	28852.79	37.5	2820.94	494701	64.1565 ng/ml
Norhydrocodone	3.067	429626	536.64	41.4	110.81	73109	515.5906 ng/ml
Noroxycodone	2.911	2002613	9319.98	43.6	14026.83	135477	492.7714 ng/ml
O-desmethyl-tramadol	3.366	13974804	259896.79	5.5	11896.71	1412345	528.6909 ng/ml
o-desmethylvenlafaxine	4.075	17437580	146456.44	17.6	2162.95	218303	545.3917 ng/ml
Olanzapine	4.455	3603624	4815.43	58.3	77984.10	158641	526.2136 ng/ml
Oxazepam	5.740	1161448	111.19	75.1	106.57	128399	468.8211 ng/ml
Oxycodone	2.822	5002089	∞	27.6	4065.58	477044	424.2941 ng/ml
Oxymorphone	1.411	2837935	∞	42.4	∞	181880	504.6667 ng/ml
Phentermine	3.774	2585576	2283.60	5.9	3787.69	757932	377.8549 ng/ml
Promethazine	5.541	10041191	39144.85	29.0	11940.38	723810	531.7387 ng/ml
Pseudoephedrine	2.583	13256260	2835.63	16.2	2423.65	906826	526.8990 ng/ml
Quetiapine	5.558	6414000	84591.38	59.1	144311.67	204847	464.2815 ng/ml
Sertraline	5.773	880485	53944.81	99.4	523.26	71436	513.5663 ng/ml
Temazepam	5.807	2782147	19184.20	28.5	811.30	296726	477.5636 ng/ml
Tramadol	4.239	11255087	3055.06	3.4	2864.45	1164379	487.9890 ng/ml
Trazodone	5.148	7589340	82409.03	70.4	142843.07	601895	481.8581 ng/ml
Venlafaxine	5.043	12842508	6501.20	32.5	4709.12	1207554	536.1256 ng/ml
Zolpidem	4.905	12958102	215523.83	27.3	7098.55	1261696	462.7268 ng/ml

AM #28 Multi-Drug Quant. Results

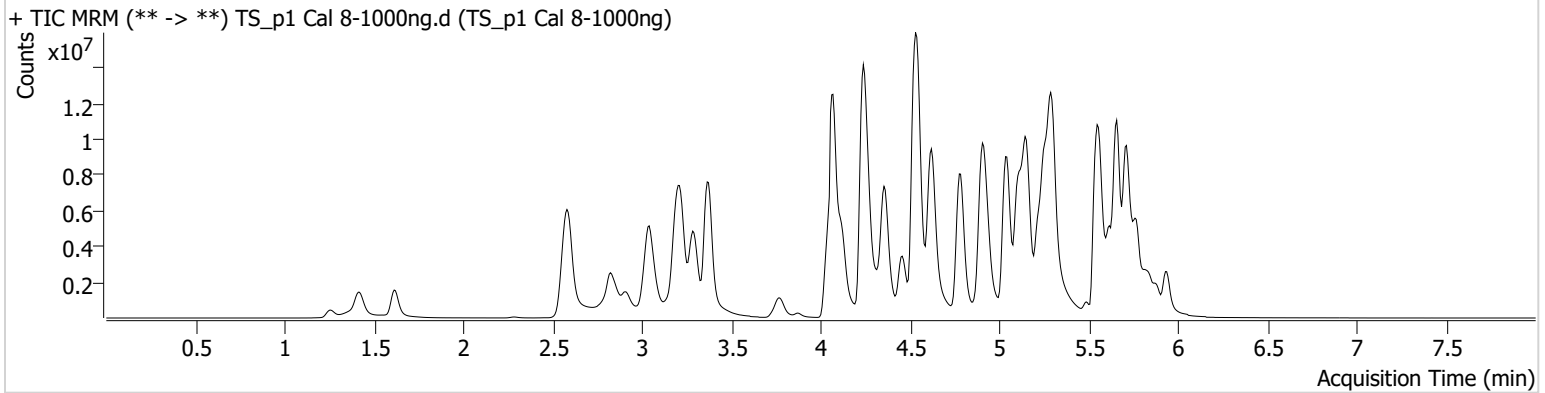
TS



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Calibration Last Update 4/3/2023 9:34:11 AM

Instrument	Falco (069901)	Data File	TS_p1 Cal 8-1000ng.d
Type	Cal	Sample	TS_p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-A12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:57:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	298957	78376.18	71.8	8317.00	79396	100.0079 ng/ml
7-aminoclonazepam	4.251	762242	73.91	85.7	866.70	60986	576.2227 ng/ml
a-hydroxyalprazolam	5.675	310423	298.51	66.2	256.99	123482	1019.3296 ng/ml
alpha-PHP	4.935	2932499	4368.84	265.5	3036.82	467654	895.4249 ng/ml
alpha-PVP	4.357	13741452	9500.36	51.4	2364.75	467654	1050.7340 ng/ml
Alprazolam	5.759	3576440	1174.07	123.5	147.22	104251	901.7072 ng/ml
Amphetamine	3.043	11627477	1728.05	40.3	1766.83	310672	490.6678 ng/ml
Benzoylcegonine	3.871	215109	24186.44	8.3	368.76	6113	1067.9658 ng/ml
Buprenorphine	5.824	302767	77127.31	14.6	33211.52	79681	109.8369 ng/ml
Bupropion	4.785	15924430	259890.65	60.3	1646.27	542515	950.7333 ng/ml
Carisoprodol	5.721	1305787	214.04	56.2	130.19	44875	1146.4825 ng/ml
Chlordiazepoxide	5.841	915800	9166.88	243.8 High	5234.98	225480	736.0403 ng/ml
Chlorpheniramine	5.114	22595433	163424.87	0.3	475.99	949188	982.9576 ng/ml
Citalopram	5.218	7612574	17806.46	38.4	49034.88	255147	1025.1364 ng/ml
Clonazepam	5.594	2385343	1586.48	32.0	30359.43	41315	821.3358 ng/ml
Clonazolam	5.531	1127348	∞	37.6	388165.03	41315	486.0634 ng/ml
Cocaine	4.264	6977937	478.87	54.1	486.40	549446	1010.3548 ng/ml
Codeine	2.586	613691	8001.81	101.9	300.97	37966	778.0978 ng/ml
Cyclobenzaprine	5.625	7830917	59885.57	6.6	404.47	279537	1064.5219 ng/ml
Dextromethorphan	5.269	3524282	55386.57	76.7	595.79	144266	1010.2822 ng/ml
Dextrorphan	4.118	3883351	61378.30	225.2	113819.47	384323	1038.8270 ng/ml
Diazepam	5.938	3463344	393.71	89.3	12112.97	132056	955.5333 ng/ml
Dihydrocodeine	2.545	2578632	654.59	56.8	868.82	264874	632.8321 ng/ml
Diphenhydramine	5.297	24518295	271781.44	33.3	41591.41	916640	994.7702 ng/ml
DMT	2.845	1308451	4806.36	149.0 High	2746.84	144266	1461.6383 ng/ml
Doxylamine	4.531	29992846	12617.94	98.0	2933.72	1416138	867.9788 ng/ml
Duloxetine	5.644	252007	715.84	15.3	445.50	13645	917.0113 ng/ml
EDDP	5.255	13814078	79486.10	40.3	54414.92	582186	1071.7485 ng/ml
Etizolam	5.804	1300784	4968.85	27.6	1334.43	41315	1296.9388 ng/ml
Fentanyl	5.088	863067	18008.28	70.6	6962.06	513758	82.3769 ng/ml
Flualprazolam	5.688	1016827	3909.65	104.9	5804.46	104251	648.8940 ng/ml
Fluorofentanyl	5.156	2551205	53295.25	43.0	24687.34	3062	136.1020 ng/ml
Fluoxetine	5.711	3630242	416.89	7.3	632.22	109607	1089.2479 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4381934	∞	33.5	∞	290648	833.1130 ng/ml
Hydromorphone	1.615	3273532	14121568.11	72.7	6727543.41	94904	1039.8150 ng/ml
Hydroxyzine	5.701	9033560	32716.10	76.8	5015.80	144266	1361.1322 ng/ml
Ketamine	4.036	7040317	112357.95	39.0	43218.45	315287	745.2217 ng/ml
Lamotrigine	4.287	375767	4304.63	87.4	26995.67	637689	807.0482 ng/ml
Lorazepam	5.737	695075	27046.18	47.0	1176.22	51534	1079.5301 ng/ml
MDA	3.178	5776060	7531.56	30.8	5579.25	275200	633.9441 ng/ml
MDMA	3.285	7203455	9976.19	104.5	85770.21	92331	969.1130 ng/ml
Meprobamate	4.881	1574818	19478.47	23.0	142.28	206715	411.5479 ng/ml
Methadone	5.656	18804635	364445.92	46.5	1822.52	632742	986.5536 ng/ml
Methamphetamine	3.212	17459026	117927.39	29.5	54922.28	1058777	637.9295 ng/ml
Metoprolol	4.320	1749055	1331228.47	100.6	38344.89	1004419	697.1437 ng/ml
Mirtazapine	4.620	19395574	392115.26	47.2	24021.16	467654	1071.9033 ng/ml
Mitragynine	5.230	2653075	3071029.28	37.8	811.57	632742	885.0963 ng/ml
Morphine	1.261	479821	13436.32	17.8	3456.97	7430	940.2653 ng/ml
Norbuprenorphine	4.997	60973	585.49	99.4	901.96	26107	98.6275 ng/ml
Nordiazepam	5.884	2107614	72796.38	62.6	7270.61	59146	1002.1823 ng/ml
Norfentanyl	4.085	1125221	∞	37.2	3288.52	227077	174.5722 ng/ml
Norhydrocodone	3.067	768318	100.21	40.5	107.07	58952	1142.3115 ng/ml
Noroxycodone	2.911	2716697	10073.26	43.4	17022.82	78368	1155.3928 ng/ml
O-desmethyl-tramadol	3.371	22462081	270577.21	5.8	99589.13	1187324	1010.4721 ng/ml
o-desmethylvenlafaxine	4.069	25714723	218750.88	17.7	4306.59	159948	1097.1799 ng/ml
Olanzapine	4.455	6672760	95249.78	56.5	3998.04	149391	1034.2753 ng/ml
Oxazepam	5.740	981911	81.83	73.9	69.43	51534	987.7167 ng/ml
Oxycodone	2.815	7711385	1560.50	27.4	∞	429096	727.7284 ng/ml
Oxymorphone	1.418	4872480	1624.22	42.4	876.62	163600	963.5570 ng/ml
Phentermine	3.774	3811747	∞	6.1	956.33	710602	594.6019 ng/ml
Promethazine	5.541	16902401	5194.89	28.8	53952.91	635227	1019.6124 ng/ml
Pseudoephedrine	2.589	19268816	97382.17	16.2	47983.32	637689	1088.5253 ng/ml
Quetiapine	5.558	8935676	78381.27	59.4	91698.22	165347	801.9296 ng/ml
Sertraline	5.773	1402447	660.00	102.8	279398.53	56285	1039.0313 ng/ml
Temazepam	5.807	2400559	105518.10	28.8	1753.17	123482	990.1771 ng/ml
Tramadol	4.239	15995438	629.90	3.7	1548.12	1004419	804.3448 ng/ml
Trazodone	5.148	12074878	65057.45	72.1	101505.73	526287	877.4112 ng/ml
Venlafaxine	5.043	20220260	671117.65	33.7	∞	970252	1050.1466 ng/ml
Zolpidem	4.905	20033230	350852.89	28.1	180326.35	1195135	755.5206 ng/ml