




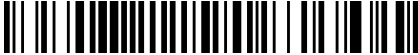
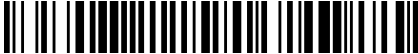


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9/24/2021

REVIEWED
By Britany Wylie at 2:30 pm, Sep 27, 2021

Worklist: 5247

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-3476	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-3824	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-3907	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-3914	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-4060	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-2868	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3047	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 9/21/2021Analyst: Amber Gerheart

Plate lot#: 210610

Plate Retest Date: 12/10/2021

Mobile phase A: 5mM Amm Form + 0.01% FA**Mobile phase B:** 0.01% Formic Acid in MeOH**Blank Blood Lot:** Lampire 20L20724**Blank Urine Lot:** POC031319**Column:** Agilent 120 EC-C18 (2.1x 100-2.7um)**LCMS-QQQ ID:** 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate. **Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 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. **If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional).** Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

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: *Calibration Curve Range:* amphetamine 5-500 ng/mL, benzoylecgonine 10-1000 ng/mL, codeine 5-500 ng/mL, dihydrocodeine 5-500 ng/mL, lamotrigine 5-250 ng/mL, lorazepam 5-250 ng/mL, MDA 5-500 ng/mL, meprobamate 5-250 ng/mL, norbuprenorphine 1-100 ng/mL, phentermine 5-500 ng/mL, trazadone 5-500 ng/mL, etizolam 5-250 ng/mL

alpha-hydroxyalprazolam not evaluated due to accuracy

Only urine samples included in this batch

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2021-3824-2	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2021-3907-4	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2021-3914-1	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	M2021-4060-4	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2021-2868-1	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Negative Blood	P2021-3047-1	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	Negative Urine		IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2021-3476-1		IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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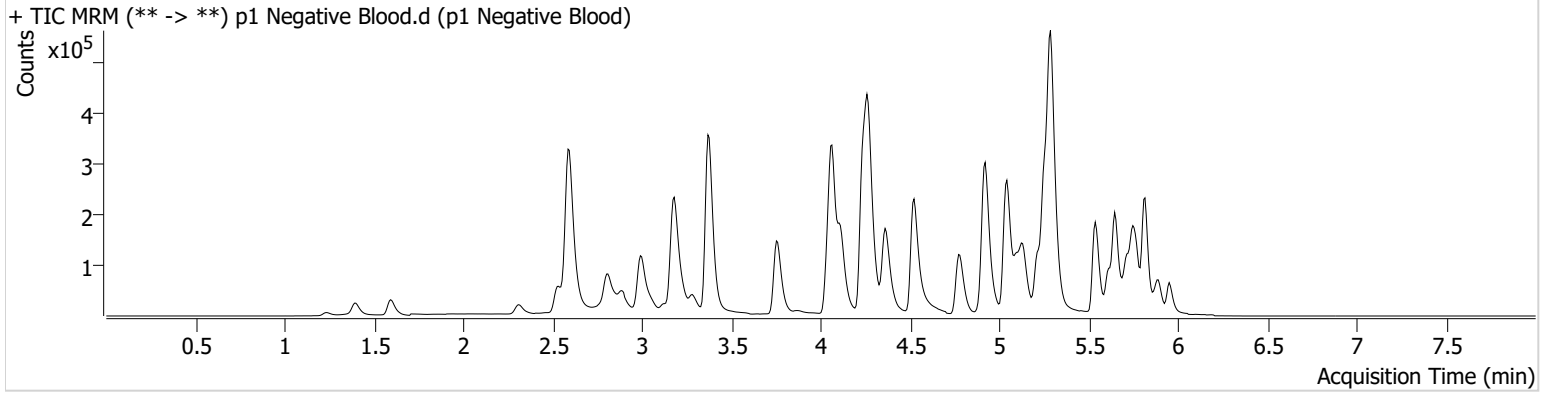


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 7:47:18 PM		
Sample Info.			

Sample Chromatogram



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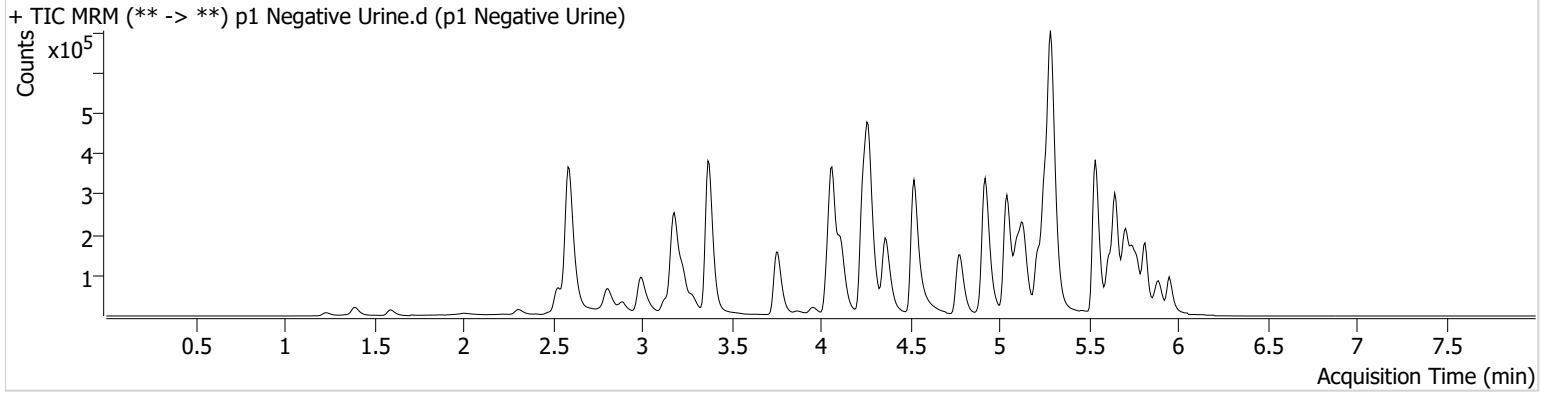


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-G2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 8:08:32 PM		
Sample Info.			

Sample Chromatogram



AG

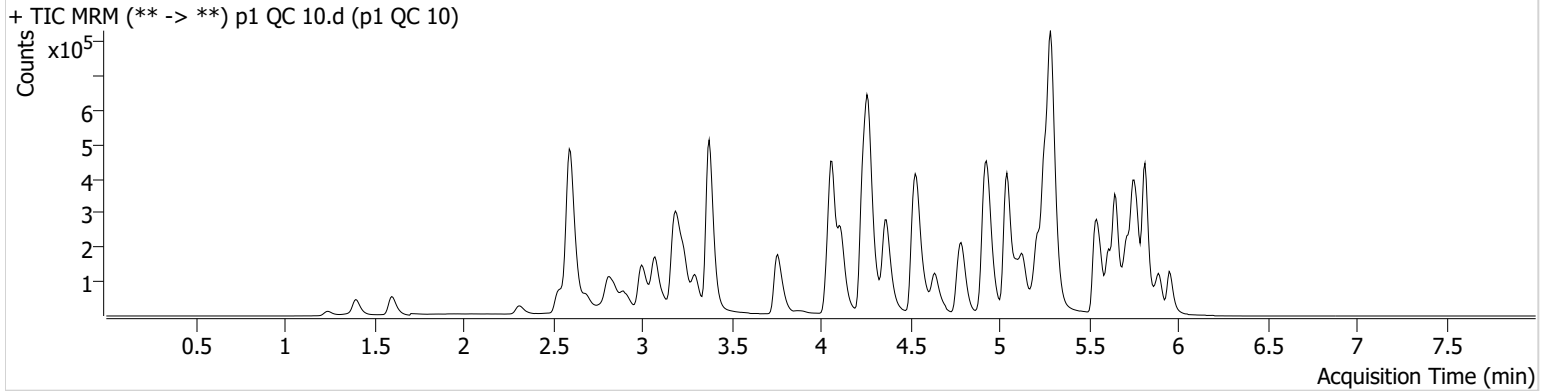


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 6:11:52 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	2761	543.23	64.7	1055.08	48177	1.0612 ng/ml
7-aminoclonazepam	4.278	21377	630.00	85.2	507.02	101016	10.6434 ng/ml
a-hydroxyalprazolam	5.699	24985	419.78	61.8	383.53	191841	9.8094 ng/ml
alpha-PHP	4.944	44485	882.24	266.3	5356.28	608694	10.9472 ng/ml
alpha-PVP	4.376	159493	441.20	50.6	2609.18	608694	10.4168 ng/ml
Alprazolam	5.775	80010	651.92	107.4	326.64	191841	10.8517 ng/ml
Amphetamine	3.076	309962	537.38	51.6	779.45	214083	12.1189 ng/ml
Benzoylcegonine	3.899	4578	66.23	7.0	25.62	13645	11.1742 ng/ml
Buprenorphine	5.901	3425	4747.61	15.0	∞	110081	1.0089 ng/ml
Bupropion	4.795	171333	259.96	58.6	135.15	492013	10.6779 ng/ml
Carisoprodol	5.724	57442	6664.14	49.9	267.46	258408	11.1075 ng/ml
Citalopram	5.219	107225	198.95	43.6	2116.55	428475	10.7696 ng/ml
Clonazepam	5.612	100619	1866.65	33.4	1299.54	99577	11.2736 ng/ml
Clonazepam	5.555	48153	12863.72	39.6	27144.43	99577	10.8964 ng/ml
Cocaine	4.264	138322	1627.43	47.0	214.30	969422	10.9479 ng/ml
Codeine	2.587	15329	695.12	102.3	937.75	61355	11.3820 ng/ml
Cyclobenzaprine	5.622	41394	79.04	9.4	101.97	133110	10.5838 ng/ml
Dextromethorphan	5.262	59473	314.69	77.9	98.55	251864	11.0021 ng/ml
Dextrophan	4.118	38790	1066.64	209.5	1433.34	447050	10.9759 ng/ml
Diazepam	5.960	47306	174.95	88.6	252.46	203739	10.9387 ng/ml
Dihydrocodeine	2.565	39816	106.85	61.4	1002.10	191428	11.2099 ng/ml
Diphenhydramine	5.296	234447	382.15	33.0	3797.71	1660185	10.5132 ng/ml
Doxylamine	4.543	295486	444.86	99.7	326.85	1075873	10.6327 ng/ml
EDDP	5.254	146369	433.23	44.2	4929.62	751184	10.4289 ng/ml
Etizolam	5.813	39969	28605.03	27.9	689.00	99577	10.6443 ng/ml
Fentanyl	5.116	5616	59.04	69.6	7943.29	295046	0.9694 ng/ml
Flualprazolam	5.705	23052	1346.34	104.7	5115.52	191841	10.6836 ng/ml
Fluoxetine	5.707	22105	2316.28	8.2	2180.76	88172	10.6343 ng/ml
Hydrocodone	3.025	49491	113.35	39.6	231.55	272580	10.7424 ng/ml
Hydromorphone	1.608	43607	∞	72.7	894.69	124683	11.1417 ng/ml
Ketamine	4.059	117272	413.39	39.7	217.23	475364	11.1245 ng/ml
Lamotrigine	4.287	8924	388.15	83.5	592.23	475364	11.5452 ng/ml
Levetiracetam	2.690	38933	483.27	156.3	1224.55	1294796	10.9733 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	100342	543.44	53.4	125.85	99577	11.3907 ng/ml
MDA	3.209	181921	1177.73	18.0	19.41	308915	11.2751 ng/ml
MDMA	3.303	128085	1097.67	60.2	614.33	99568	10.8561 ng/ml
Meprobamate	4.924	25880	958.67	25.7	44.61	100522	11.4365 ng/ml
Methadone	5.653	153835	669.27	46.3	1869.74	582754	10.4149 ng/ml
Methamphetamine	3.244	217411	389.01	42.7	330.07	623246	14.7113 ng/ml
Metoprolol	4.333	25161	665.46	90.5	477.06	1116923	11.4607 ng/ml
Mirtazapine	4.637	201363	2413.42	45.4	2806.87	608694	9.3820 ng/ml
Mitragynine	5.244	26799	657.53	40.2	119.00	582754	10.8717 ng/ml
Morphine	1.247	7039	205.94	19.4	196.32	8021	11.4794 ng/ml
Norbuprenorphine	4.999	337	993.24	87.3	455.77	11516	1.1562 ng/ml
Nordiazepam	5.900	47402	591.16	60.0	287.96	128693	11.0233 ng/ml
Norfentanyl	4.086	23975	97.66	40.4	85.91	901042	1.0413 ng/ml
Norhydrocodone	3.073	4533	79.76	46.7	64.02	37315	11.1134 ng/ml
Noroxycodone	2.916	52301	409.29	43.8	180.20	146194	10.6277 ng/ml
O-desmethyl-tramadol	3.383	237657	6149.29	6.2	234.73	1260444	10.5149 ng/ml
Oxazepam	5.756	101027	457.54	76.3	1086.64	421948	10.6694 ng/ml
Oxycodone	2.841	104199	582.72	29.4	246.64	380841	10.5665 ng/ml
Oxymorphone	1.405	40531	262.23	43.9	251.47	110768	11.1462 ng/ml
Phentermine	3.797	53586	14213.47	3.3	30.07	541968	11.2770 ng/ml
Promethazine	5.538	103650	1823.20	27.8	345.33	432803	10.4144 ng/ml
Pseudoephedrine	2.610	286234	4359.72	14.4	1070.81	1294796	10.2795 ng/ml
Quetiapine	5.562	125083	3596.82	58.5	4511.43	147423	10.9221 ng/ml
Sertraline	5.776	6282	88.60	99.0	624.74	22437	11.0157 ng/ml
Temazepam	5.823	152980	200.18	31.8	57.99	763192	10.6347 ng/ml
Tramadol	4.252	251955	1122.00	3.5	118.26	1116923	10.9605 ng/ml
Trazodone	5.190	116008	7798.57	75.0	1828.39	381594	11.1896 ng/ml
Venlafaxine	5.043	202738	757.85	38.1	950.02	1000249	10.5488 ng/ml
Zolpidem	4.941	245951	2058.15	31.8	8720.40	1089581	10.7135 ng/ml

NE = not evaluated

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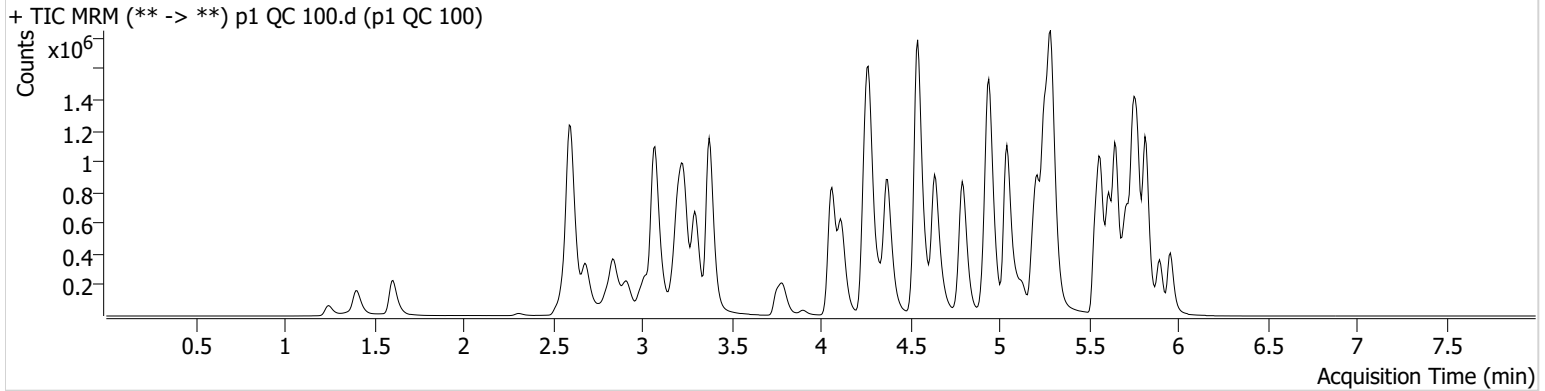


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 10:58:13 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	23936	1180.83	75.0	1149.51	44985	10.6713 ng/ml
7-aminoclonazepam	4.278	187193	11826.69	86.2	4480.94	90472	107.3691 ng/ml
a-hydroxyalprazolam	5.699	212237	13838.83	60.4	758.76	165397	115.4190 ng/ml
alpha-PHP	4.944	382842	1436.33	266.5	5387.41	540013	120.4093 ng/ml
alpha-PVP	4.376	1437634	86545.53	50.3	540.45	540013	110.5534 ng/ml
Alprazolam	5.775	654491	3116.06	108.7	643.58	165397	110.7188 ng/ml
Amphetamine	3.076	2429740	12834.28	51.3	1761.93	197072	117.7537 ng/ml
Benzoylecgonine	3.899	36681	1582.04	8.2	487.90	13418	111.6140 ng/ml
Buprenorphine	5.901	30034	633.36	13.0	6547.82	97634	11.2105 ng/ml
Bupropion	4.795	1530151	46374.89	58.9	887.30	449961	110.0040 ng/ml
Carisoprodol	5.724	458293	36295.03	49.4	4165.07	204837	106.3071 ng/ml
Citalopram	5.219	890314	866.83	43.9	421.71	361651	111.2672 ng/ml
Clonazepam	5.612	857146	1471.61	33.0	1429657.97	86400	123.0545 ng/ml
Clonazepam	5.555	397001	193185.94	38.8	139756.98	86400	109.4746 ng/ml
Cocaine	4.271	1158755	70031.32	47.8	1111.80	836877	110.0453 ng/ml
Codeine	2.580	121793	8357.90	105.4	326.36	55173	112.6493 ng/ml
Cyclobenzaprine	5.622	354389	44094.87	9.9	606.87	115361	108.0370 ng/ml
Dextromethorphan	5.262	481856	744.40	78.8	530.03	217647	108.9953 ng/ml
Dextrophan	4.118	346296	1475.93	208.7	26894.52	405510	112.2889 ng/ml
Diazepam	5.960	417448	6918.78	88.1	54638.26	181080	115.1468 ng/ml
Dihydrocodeine	2.559	355495	9170.41	61.4	170.78	180093	118.5711 ng/ml
Diphenhydramine	5.296	1969423	83917.46	33.4	1289.35	1423036	106.5077 ng/ml
Doxylamine	4.543	2751532	5293.89	100.1	70064.89	1004210	112.4770 ng/ml
EDDP	5.254	1251636	22091.25	43.2	370.13	653029	109.3659 ng/ml
Etizolam	5.813	312581	1932.97	28.5	8356.66	86400	92.4704 ng/ml
Fentanyl	5.116	53350	1402.37	64.3	73384.73	259671	11.3438 ng/ml
Flualprazolam	5.705	191134	3871.64	108.1	3167.98	165397	115.8787 ng/ml
Fluoxetine	5.707	160058	716.52	9.1	20380.84	66982	108.2260 ng/ml
Hydrocodone	3.018	442754	453.14	38.2	888.78	249627	116.6929 ng/ml
Hydromorphone	1.608	402169	9049.64	73.5	4080.45	118651	113.1805 ng/ml
Ketamine	4.059	1005049	152249.74	41.5	961.05	429177	116.1965 ng/ml
Lamotrigine	4.287	74918	2116.43	82.5	13753.97	429177	115.2585 ng/ml
Levetiracetam	2.690	334157	4442.07	153.1	6130.27	1151127	96.6308 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	730601	7492.02	51.7	1353.41	86400	111.6093 ng/ml
MDA	3.209	1430762	1859.94	18.0	834.29	265109	115.1490 ng/ml
MDMA	3.296	1116892	9512.57	61.2	1089.97	91080	108.9039 ng/ml
Meprobamate	4.924	198127	10224.69	24.9	1520.48	88597	116.2919 ng/ml
Methadone	5.653	1360250	40103.35	45.1	1405.69	514195	107.8475 ng/ml
Methamphetamine	3.238	1376775	11321.86	42.8	698.39	590393	124.8853 ng/ml
Metoprolol	4.333	213606	15546.60	92.7	2686.54	1023779	118.6899 ng/ml
Mirtazapine	4.637	1787957	3435.45	44.4	3577.15	540013	99.2274 ng/ml
Mitragynine	5.244	206597	1997.26	40.2	1627.79	514195	110.6001 ng/ml
Morphine	1.247	65949	26751.61	19.5	1328.12	8187	113.2655 ng/ml
Norbuprenorphine	4.999	2703	24.66	82.3	2779.44	10737	10.6824 ng/ml
Nordiazepam	5.900	390945	15253.22	60.5	1529.89	110566	113.1366 ng/ml
Norfentanyl	4.093	211420	17244.25	37.9	10164.44	812751	10.6225 ng/ml
Norhydrocodone	3.066	38448	531.20	42.6	191.67	29629	98.9656 ng/ml
Noroxycodone	2.916	454245	15369.99	44.7	816.20	129540	110.8037 ng/ml
O-desmethyl-tramadol	3.376	2143904	1565.44	6.3	511.54	1137728	109.2444 ng/ml
Oxazepam	5.756	775332	15217.49	75.1	314.92	328299	114.8695 ng/ml
Oxycodone	2.834	978261	6333.98	29.0	1228.74	358010	113.9342 ng/ml
Oxymorphone	1.405	356222	∞	43.8	503.79	105940	109.5314 ng/ml
Phentermine	3.797	457169	2581.72	2.6	73.12	496703	116.6904 ng/ml
Promethazine	5.538	847895	44931.69	28.1	3966.39	365041	105.8832 ng/ml
Pseudoephedrine	2.603	2565236	26231.87	14.3	20088.64	1151127	107.3333 ng/ml
Quetiapine	5.562	1051608	24454.64	59.3	15313.68	134110	106.2515 ng/ml
Sertraline	5.776	48632	2499.18	97.1	6562.22	18185	113.1209 ng/ml
Temazepam	5.823	1269015	22765.04	30.2	540.27	609628	106.6847 ng/ml
Tramadol	4.252	2200336	140924.60	3.4	335.22	1023779	112.8904 ng/ml
Trazodone	5.190	964251	373.47	77.8	47584.62	344638	113.5398 ng/ml
Venlafaxine	5.043	1802000	4407.68	38.5	1849.19	889276	109.0777 ng/ml
Zolpidem	4.941	2139824	1576.74	31.1	9413.40	964302	115.6023 ng/ml

NE = not evaluated

AG

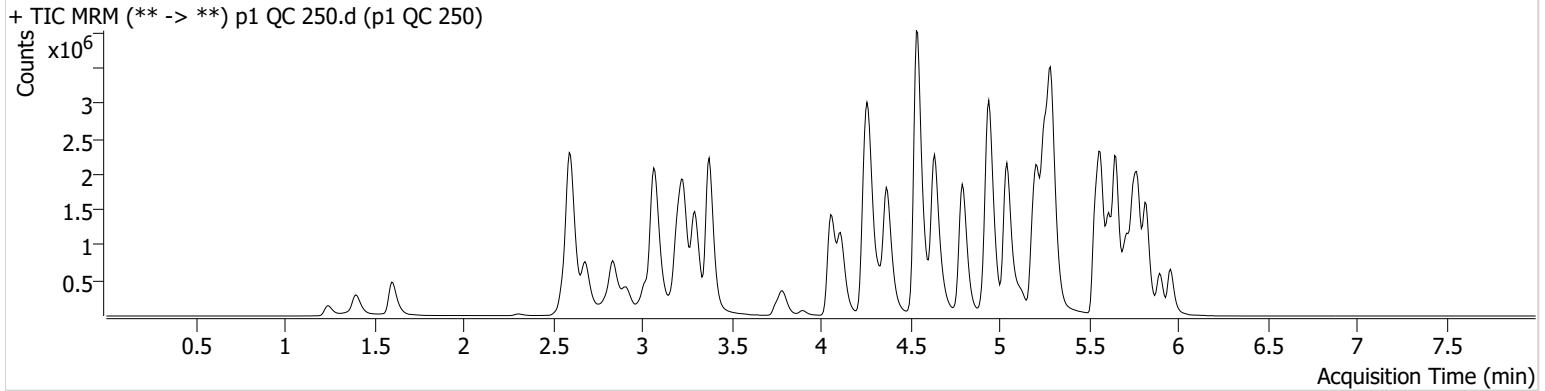


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 6:33:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	60859	695.37	71.1	558.71	43442	28.2576 ng/ml
7-aminoclonazepam	4.278	341615	9997.83	86.4	3605.82	65385	271.6956 ng/ml
NE a-hydroxyalprazolam	5.699	257239	1207.12	61.3	746.69	127411	182.8145 ng/ml
alpha-PHP	4.937	834454	4303.65	269.1	83977.41	515861	276.8295 ng/ml
alpha-PVP	4.376	3358895	111006.03	50.1	1124.73	515861	271.1351 ng/ml
Alprazolam	5.775	1256073	69944.09	109.0	15153.61	127411	277.2001 ng/ml
Amphetamine	3.069	4912941	12616.54	51.5	926.14	183655	257.7576 ng/ml
Benzoylcegonine	3.899	82213	18060.36	7.8	1789.39	11900	286.4773 ng/ml
Buprenorphine	5.901	74826	2584.28	13.2	14301.86	100789	27.2517 ng/ml
Bupropion	4.795	3606045	138909.34	58.7	23393.30	418710	279.5923 ng/ml
Carisoprodol	5.730	738660	15776.40	50.0	4469.44	132791	263.4022 ng/ml
Citalopram	5.219	2099996	1129.27	43.6	925.83	347328	274.1476 ng/ml
Clonazepam	5.612	1256472	2039.07	32.1	484.35	54598	287.3010 ng/ml
Clonazepam	5.555	659793	13018.85	38.4	577080.84	54598	289.0525 ng/ml
Cocaine	4.264	2665057	1089.47	47.1	610.63	775531	273.7654 ng/ml
Codeine	2.580	246070	2498.44	103.5	8008.98	46794	270.4853 ng/ml
Cyclobenzaprine	5.622	1075123	1126.69	9.6	2208.36	140632	269.4430 ng/ml
Dextromethorphan	5.262	1118991	872.58	78.4	423.33	204421	270.5185 ng/ml
Dextrophan	4.118	809213	2445.93	209.4	2884.48	382930	278.5770 ng/ml
Diazepam	5.960	771164	8968.24	88.9	562.66	141091	274.0063 ng/ml
Dihydrocodeine	2.559	765457	1045.90	63.5	7936.63	173002	267.5537 ng/ml
Diphenhydramine	5.296	4767845	642.60	32.7	46862.39	1353887	271.6278 ng/ml
Doxylamine	4.543	6737728	197699.43	98.9	4388.72	1012108	274.2945 ng/ml
EDDP	5.254	2923505	132897.18	42.1	307.72	605190	276.8109 ng/ml
Etizolam	5.813	636918	3373.27	27.3	6077.84	54598	297.2022 ng/ml
Fentanyl	5.116	159118	4847.52	65.5	185135.97	322312	27.3839 ng/ml
Flualprazolam	5.705	340376	7491.63	113.6	18227.18	127411	269.8821 ng/ml
Fluoxetine	5.707	503567	21905.44	9.1	4358.28	79917	286.7023 ng/ml
Hydrocodone	3.018	956794	∞	38.2	234.30	237258	267.0289 ng/ml
Hydromorphone	1.601	935410	9945.70	74.5	2976.69	113528	275.9842 ng/ml
Ketamine	4.059	2382350	97235.49	41.1	1071.62	433360	274.4528 ng/ml
Lamotrigine	4.287	155401	939.22	83.1	2305.95	433360	237.7744 ng/ml
Levetiracetam	2.683	792548	5091.86	154.3	4314.06	1047555	250.1198 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	924261	3569.88	52.2	478.02	54598	225.6057 ng/ml
MDA	3.203	2768336	19192.65	17.4	274.46	224604	264.8363 ng/ml
MDMA	3.296	2630020	4209.38	59.9	7480.91	83788	279.7539 ng/ml
Meprobamate	4.917	334586	5740.88	24.6	7481.09	69742	252.0071 ng/ml
Methadone	5.653	3257928	1092.55	46.1	39782.42	497028	267.7967 ng/ml
Methamphetamine	3.238	3068733	27383.83	42.0	13492.52	595580	281.5827 ng/ml
Metoprolol	4.333	483315	167281.95	92.0	7238.82	953536	290.5064 ng/ml
Mirtazapine	4.637	4596401	137297.54	44.7	13685.21	515861	268.0325 ng/ml
Mitragynine	5.244	512920	1041065.47	40.8	1723.99	497028	287.2382 ng/ml
Morphine	1.247	153584	771.35	20.2	431.57	7798	278.3234 ng/ml
Norbuprenorphine	4.992	6377	6578.55	78.8	2062.08	9680	28.1161 ng/ml
Nordiazepam	5.900	737446	∞	59.7	558.39	84709	279.7989 ng/ml
Norfentanyl	4.086	478553	299.93	37.0	704.10	722892	27.1109 ng/ml
Norhydrocodone	3.066	91574	663.26	41.7	158.14	25961	265.5124 ng/ml
Noroxycodone	2.909	880205	1000.88	44.6	590.47	101658	274.7024 ng/ml
O-desmethyl-tramadol	3.376	5239125	86421.07	6.2	672.39	1114698	273.1705 ng/ml
Oxazepam	5.756	1121802	23497.40	75.3	3943.51	196811	278.7735 ng/ml
Oxycodone	2.834	2281925	7719.21	29.2	3961.09	352429	271.2569 ng/ml
Oxymorphone	1.398	757146	∞	43.3	1302.16	89064	278.2482 ng/ml
Phentermine	3.790	1008419	4750.75	2.6	280.42	483925	265.9729 ng/ml
Promethazine	5.538	2734630	2356.54	27.9	911.49	471373	265.2991 ng/ml
Pseudoephedrine	2.603	5919219	16019.92	14.0	20215.46	1047555	272.7832 ng/ml
Quetiapine	5.569	2538922	48645.15	60.1	28773.67	130135	265.3206 ng/ml
Sertraline	5.776	151258	7614.84	97.2	396.89	22868	281.1422 ng/ml
Temazepam	5.823	1962350	31316.69	30.0	665.56	396538	253.0737 ng/ml
Tramadol	4.246	5200339	321952.57	3.3	504.45	953536	287.9894 ng/ml
Trazodone	5.190	2574667	133701.40	78.8	5004.98	393533	267.2209 ng/ml
Venlafaxine	5.043	4304946	3871.50	37.5	9766.05	857543	270.8216 ng/ml
Zolpidem	4.941	4913669	103574.05	30.2	70478.84	934838	275.4174 ng/ml

NE = not evaluated

AG

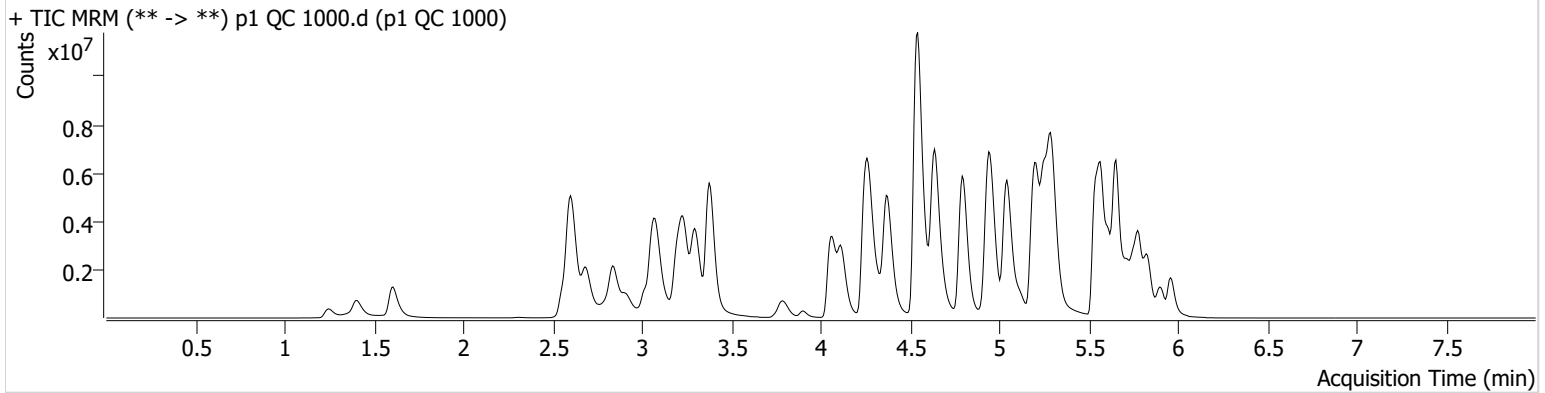


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-D2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 6:54:17 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	207995	7110.06	72.9	3730.32	36791	114.3346 ng/ml
7-aminoclonazepam	4.292	678624	3234.18	79.5	9615.96	27767	1272.3266 ng/ml
NE a-hydroxyalprazolam	5.692	441748	914.51	61.9	121.36	83918	480.0606 ng/ml
alpha-PHP	4.937	2189525	51632.32	271.6	133167.73	402828	934.0483 ng/ml
alpha-PVP	4.376	11134911	292179.13	49.1	34889.61	402828	1152.7073 ng/ml
Alprazolam	5.782	3057432	14584.46	110.1	∞	83918	1026.9101 ng/ml
* Amphetamine	3.076	11120798	40388.24	51.3	83151.72	140349	767.2857 ng/ml
Benzoylcegonine	3.899	345409	5112.21	7.8	127.35	12672	1138.7222 ng/ml
Buprenorphine	5.901	284157	15371.11	12.9	31345.34	103979	100.6888 ng/ml
Bupropion	4.795	12673458	303243.51	57.9	47739.22	377827	1090.8466 ng/ml
Carisoprodol	5.730	1374348	28405.29	49.9	2945.94	59690	1088.3818 ng/ml
Citalopram	5.219	5102464	147697.46	42.8	36730.18	208306	1112.5028 ng/ml
Clonazepam	5.612	2078369	58791.27	32.4	2008.17	26520	981.7721 ng/ml
Clonazepam	5.549	1037268	48252.33	39.6	29353.86	26520	937.1146 ng/ml
Cocaine	4.271	7355111	1278.12	47.0	173760.76	526105	1115.0923 ng/ml
* Codeine	2.573	556449	441.75	100.4	18433.13	33635	854.2507 ng/ml
Cyclobenzaprine	5.622	3794212	19641.06	9.4	319.00	120677	1109.3552 ng/ml
Dextromethorphan	5.262	2660521	81929.15	78.2	1329.18	118502	1111.6827 ng/ml
Dextrophan	4.118	2569359	49216.64	211.9	101574.37	287379	1180.1700 ng/ml
Diazepam	5.960	2327816	11848.96	88.6	2215.04	105901	1104.1682 ng/ml
* Dihydrocodeine	2.552	2158020	19610.16	63.1	431.92	160142	817.8155 ng/ml
Diphenhydramine	5.296	13259059	191222.05	32.4	1840.06	894987	1143.9621 ng/ml
Doxylamine	4.543	23128839	377870.26	98.5	523406.48	886954	1076.5229 ng/ml
EDDP	5.254	9479747	122789.59	41.2	1256.27	472431	1152.2395 ng/ml
* Etizolam	5.820	1829335	803.70	27.3	1019391.86	26520	1755.2714 ng/ml
Fentanyl	5.116	726892	35034.48	66.2	36226.20	352028	114.8228 ng/ml
Flualprazolam	5.705	780934	8653.54	116.0	1359.77	83918	943.9033 ng/ml
Fluoxetine	5.707	1558732	16126.47	9.1	17166.73	64827	1096.3025 ng/ml
Hydrocodone	3.018	2995449	633.19	38.5	1279.82	195523	1018.1859 ng/ml
Hydromorphone	1.608	2947370	8152394.06	73.7	21836093.7	88946	1111.7312 ng/ml
Ketamine	4.059	7383809	430137.80	39.9	1306.18	359256	1029.5104 ng/ml
* Lamotrigine	4.294	309637	1699.63	79.6	47701.62	359256	572.8266 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.690	2248020	57800.25	155.2	194326.11	676005	1095.7334 ng/ml
* Lorazepam	5.747	1031343	265223.99	53.6	4224.67	26520	521.0949 ng/ml
MDA	3.196	5324928	105679.01	16.7	523.00	141761	810.0765 ng/ml
MDMA	3.296	7600927	4303.49	59.3	4455.39	57696	1176.1713 ng/ml
* Meprobamate	4.911	542650	121980.12	24.7	4051.80	52732	543.0895 ng/ml
Methadone	5.653	11552770	993.83	44.7	158749.99	412053	1146.7152 ng/ml
Methamphetamine	3.238	8977823	33679.31	40.4	30605.70	561741	883.2311 ng/ml
Metoprolol	4.333	1193941	287870.20	93.0	17459.15	722269	950.8619 ng/ml
Mirtazapine	4.637	15521865	220488.57	43.8	130556.40	402828	1161.0805 ng/ml
Mitragynine	5.237	1306889	139316.64	40.8	291557.27	412053	886.9762 ng/ml
Morphine	1.247	447936	1326.69	20.7	1017.83	6066	1046.2517 ng/ml
Norbuprenorphine	4.992	23670	477.35	81.5	40497.60	8711	116.2675 ng/ml
Nordiazepam	5.906	1807435	7309.35	59.3	660.63	53719	1083.8231 ng/ml
Norfentanyl	4.086	1226335	64287.65	37.2	13775.11	427843	117.5530 ng/ml
Norhydrocodone	3.066	304162	264.02	44.5	302.82	20124	1130.9835 ng/ml
Noroxycodone	2.909	2121553	13899.95	44.5	634.28	64065	1052.7653 ng/ml
O-desmethyl-tramadol	3.376	16897397	252676.61	5.9	19973.37	854081	1151.3645 ng/ml
Oxazepam	5.756	1316160	42638.92	75.3	8880.97	63918	1009.9399 ng/ml
Oxycodone	2.834	7556938	∞	28.6	1716.74	306327	1036.1284 ng/ml
Oxymorphone	1.405	2334873	∞	43.8	420.42	72945	1050.0621 ng/ml
* Phentermine	3.790	2647676	∞	2.4	116.71	425731	796.5849 ng/ml
Promethazine	5.538	11129947	133885.19	26.9	1071.85	447481	1139.2626 ng/ml
Pseudoephedrine	2.603	16702900	106928.07	13.4	122458.15	676005	1194.1905 ng/ml
Quetiapine	5.569	7852070	158047.11	59.0	178215.75	87916	1216.8969 ng/ml
Sertraline	5.782	515463	11544.99	94.6	1066.10	19493	1126.7243 ng/ml
Temazepam	5.830	3756725	22927.55	30.1	3649.75	175240	1094.9719 ng/ml
Tramadol	4.246	14553295	1775.30	3.2	709.34	722269	1066.6812 ng/ml
* Trazodone	5.190	8831772	322113.66	77.3	537047.09	426922	847.7300 ng/ml
Venlafaxine	5.043	13935556	4866.05	36.1	7943.33	657216	1145.1933 ng/ml
Zolpidem	4.948	14060617	540101.58	29.2	172254.11	736511	1003.4031 ng/ml

NE = not evaluated

*Outside curve range

AG

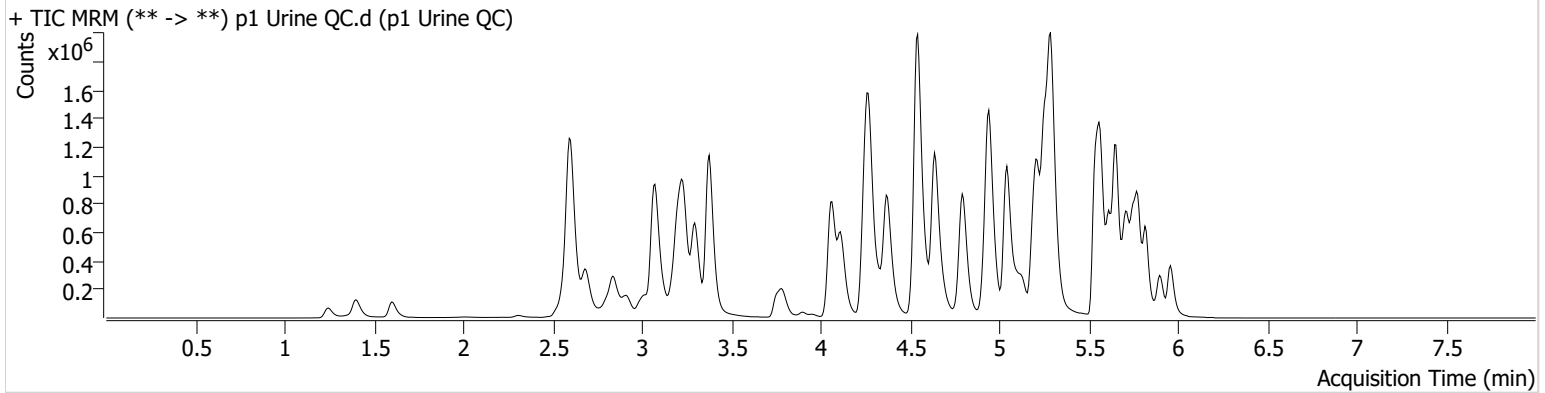


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Urine QC.d
Type	Sample	Sample	p1 Urine QC
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-E2	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 7:26:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	27082	518.43	66.4	213.38	43550	12.4888 ng/ml
7-aminoclonazepam	4.278	226949	1876.84	85.6	6274.65	104347	112.8821 ng/ml
NE a-hydroxyalprazolam	5.692	116984	176.21	61.0	395.56	112069	93.4953 ng/ml
alpha-PHP	4.944	351251	2513.07	265.7	928.54	531420	112.1494 ng/ml
alpha-PVP	4.376	1384779	29740.63	50.2	644.60	531420	108.1999 ng/ml
Alprazolam	5.775	450887	1089.46	106.2	1489.00	112069	112.5865 ng/ml
Amphetamine	3.076	2094776	978.06	52.9	7291.98	193672	103.0645 ng/ml
Benzoylecgonine	3.899	39582	205.68	7.7	54.32	13852	116.7932 ng/ml
Buprenorphine	5.901	28480	179.28	13.1	7790.19	88822	11.6911 ng/ml
Bupropion	4.795	1537282	412695.91	58.8	2124.70	442494	112.3956 ng/ml
Carisoprodol	5.730	274419	17521.36	50.1	6259.45	122250	106.6554 ng/ml
Citalopram	5.219	960038	487.26	43.6	466.76	393454	110.2778 ng/ml
Clonazepam	5.612	415304	519.07	32.3	2881.41	42525	121.1153 ng/ml
Clonazepam	5.555	202359	12599.44	39.3	39858.76	42525	113.3987 ng/ml
Cocaine	4.271	1140304	17843.10	48.0	1316.28	822768	110.1506 ng/ml
Codeine	2.580	119130	545.21	106.5	12898.26	51563	117.9739 ng/ml
Cyclobenzaprine	5.622	679463	17130.60	9.6	2101.08	217773	109.7331 ng/ml
Dextromethorphan	5.262	583556	∞	79.3	210.36	256660	111.9543 ng/ml
Dextrophan	4.118	332253	1479.40	206.5	1797.44	387084	112.8663 ng/ml
Diazepam	5.960	374098	7148.49	88.6	1589.91	162534	114.9628 ng/ml
Dihydrocodeine	2.559	350966	730.03	63.0	1306.63	180190	116.9780 ng/ml
Diphenhydramine	5.296	2140924	37662.42	33.5	998.90	1545854	106.5840 ng/ml
Doxylamine	4.543	3071502	57552.94	99.5	9419.45	1149057	109.7119 ng/ml
EDDP	5.254	1206459	890.92	42.8	1027.32	620951	110.8748 ng/ml
Etizolam	5.820	244900	4433.32	27.3	2660.40	42525	146.9401 ng/ml
Fentanyl	5.116	84924	147.72	65.1	12652.06	424826	11.0349 ng/ml
Flualprazolam	5.705	136318	3300.72	108.1	100.10	112069	122.0522 ng/ml
Fluoxetine	5.707	613369	14568.07	9.1	2248.52	241479	115.0930 ng/ml
Hydrocodone	3.018	229694	1003.36	38.8	236.69	135362	111.5843 ng/ml
Hydromorphone	1.601	187976	2061.39	74.7	1483.45	56242	111.5940 ng/ml
Ketamine	4.059	997190	15986.10	41.0	286.88	429601	115.1630 ng/ml
Lamotrigine	4.287	76563	968.17	83.5	1350.23	429601	117.6924 ng/ml
Levetiracetam	2.690	335497	4578.02	156.9	5583.24	1163069	96.0290 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	326448	1980.17	51.3	171.36	42525	101.1220 ng/ml
MDA	3.203	1342529	11420.83	18.1	281.74	248912	115.0778 ng/ml
MDMA	3.296	1109587	5816.05	60.3	1950.74	88547	111.3008 ng/ml
Meprobamate	4.924	159228	636.45	24.3	636.65	69721	118.8101 ng/ml
Methadone	5.653	1484877	1228.34	46.1	6331.66	565144	107.1125 ng/ml
Methamphetamine	3.238	1304699	3400.04	42.5	664.27	576836	120.9884 ng/ml
Metoprolol	4.333	207186	4030.12	93.0	3560.11	953194	123.7109 ng/ml
Mirtazapine	4.637	2301802	34839.91	44.1	5818.87	531420	129.9926 ng/ml
Mitragynine	5.244	276808	3227.25	39.9	1087.33	565144	135.2700 ng/ml
Morphine	1.247	70904	14819.66	20.1	227.53	8680	114.8743 ng/ml
Norbuprenorphine	4.992	2893	1121.93	90.1	44.36	10839	11.3328 ng/ml
Nordiazepam	5.900	326377	∞	59.4	834.96	89900	116.1862 ng/ml
Norfentanyl	4.086	209751	293.18	37.2	645.71	793015	10.8018 ng/ml
Norhydrocodone	3.066	20661	95.26	41.3	∞	16458	95.8095 ng/ml
Noroxycodone	2.916	300456	485.42	45.0	1127.54	85734	110.7370 ng/ml
O-desmethyl-tramadol	3.376	2117663	18469.58	6.3	562.97	1127860	108.8498 ng/ml
Oxazepam	5.756	361892	2442.97	74.0	1430.49	166985	105.3217 ng/ml
Oxycodone	2.834	754308	601.61	29.1	313.66	279014	112.7145 ng/ml
Oxymorphone	1.398	269135	∞	45.1	∞	77579	113.0339 ng/ml
Phentermine	3.790	440941	504.30	2.5	26.41	475756	117.5135 ng/ml
Promethazine	5.538	1726547	24047.03	27.9	550.69	731610	107.5873 ng/ml
Pseudoephedrine	2.603	2613227	16836.09	14.1	23801.06	1163069	108.2220 ng/ml
Quetiapine	5.569	1327834	19170.62	59.3	1136.90	158568	113.5115 ng/ml
Sertraline	5.776	213839	191.56	95.7	810.16	83585	108.1750 ng/ml
Temazepam	5.823	548891	5284.57	35.0	98.23	271487	103.6300 ng/ml
Tramadol	4.252	2088488	1074.56	3.4	1024.87	953194	115.1060 ng/ml
Trazodone	5.190	1301585	38597.08	77.6	31380.24	460719	114.6583 ng/ml
Venlafaxine	5.043	1728996	61497.59	38.0	817.18	863120	107.8258 ng/ml
Zolpidem	4.941	2072156	7053.14	30.9	3118.84	944359	114.2976 ng/ml

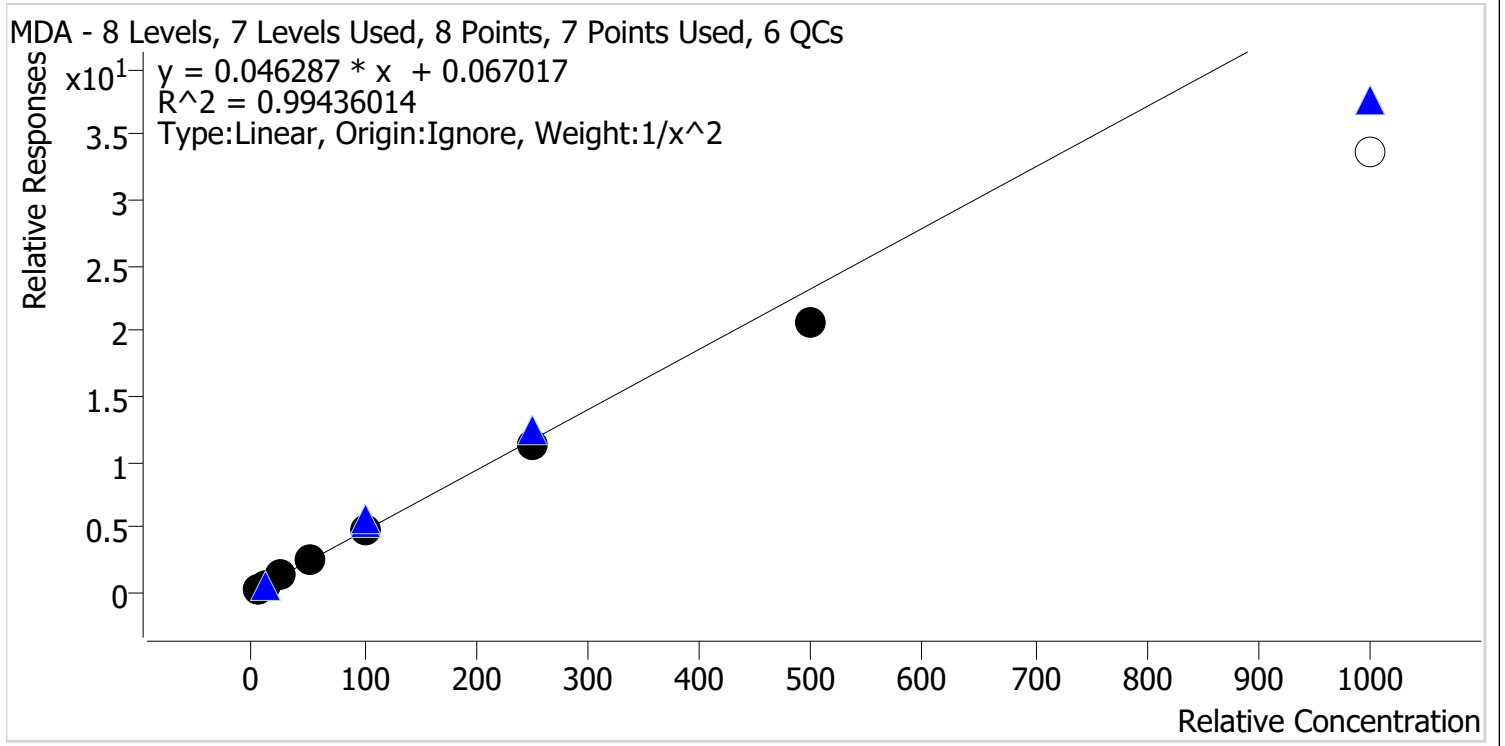
NE = not evaluated

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	241.8	96.7
p1 Cal 7-500ng	7	✓	500.0	444.7	88.9
p1 Cal 8-1000ng	8	x	1000.0	725.1	72.5

Cal 8 dropped due to accuracy

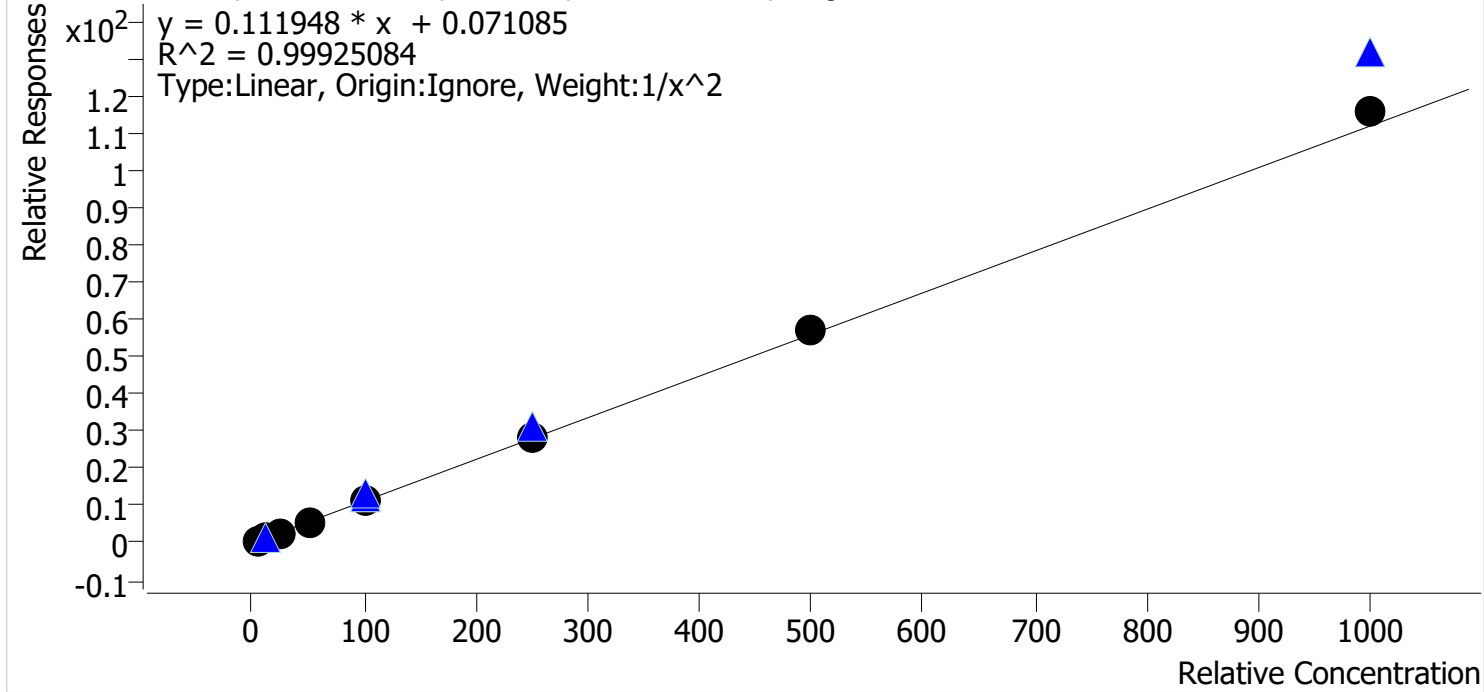
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



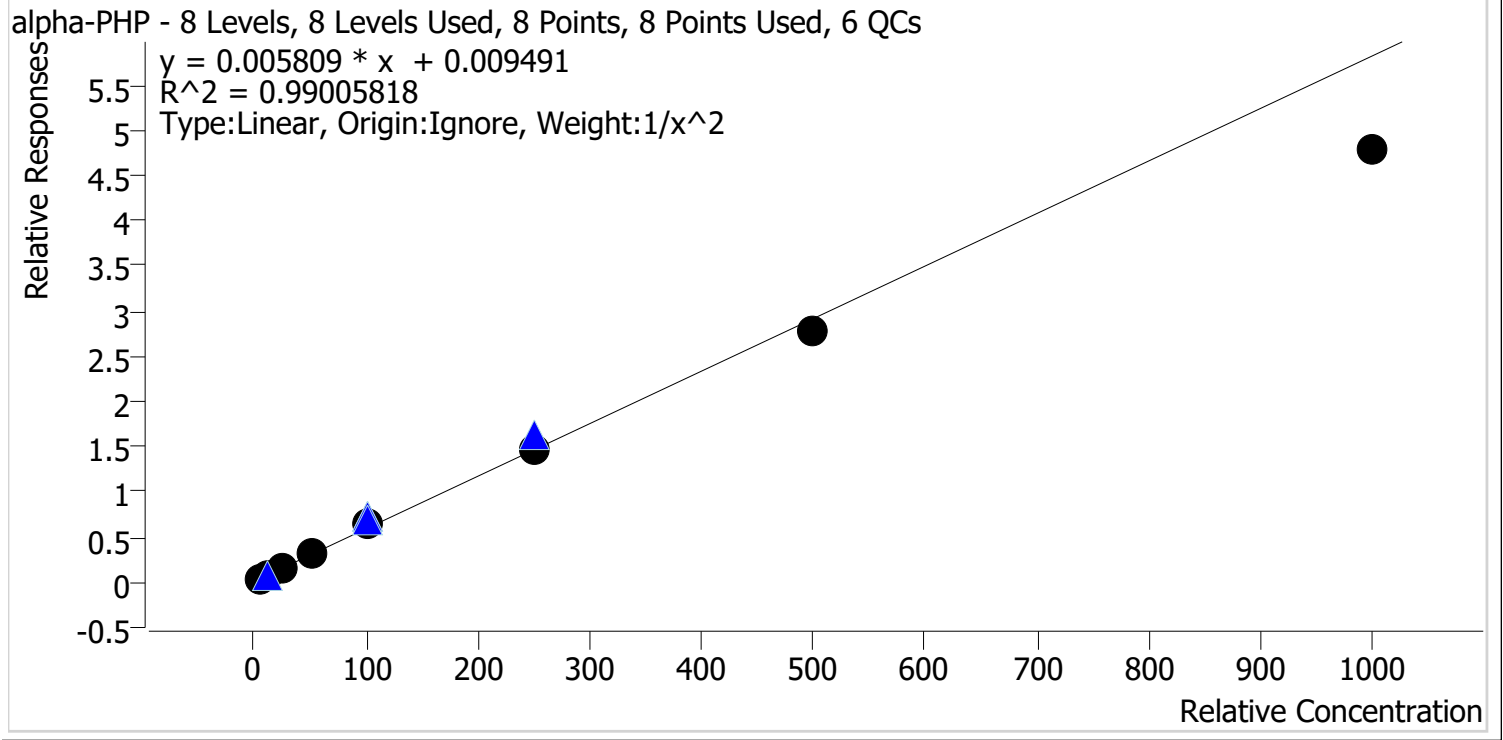
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1039.7	104.0

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



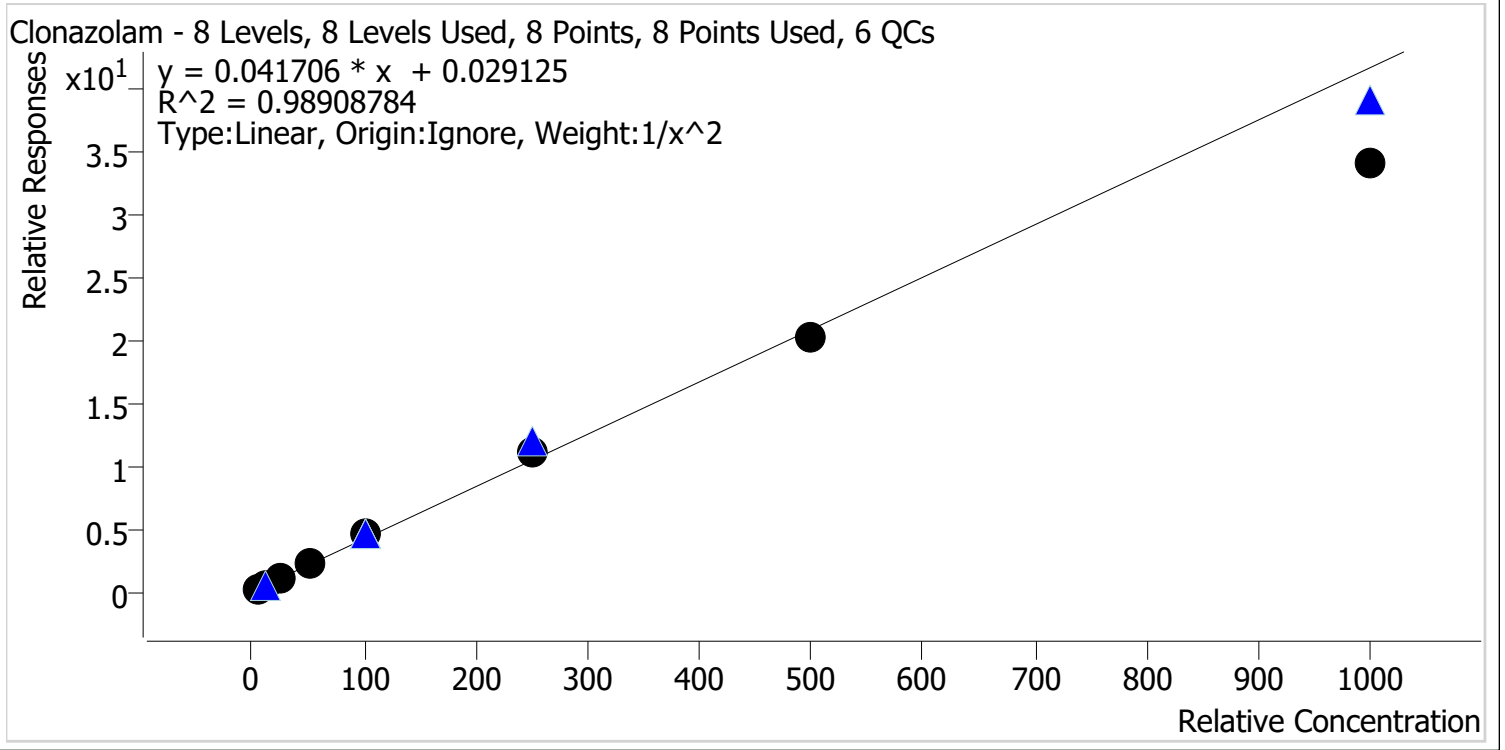
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	479.2	95.8
p1 Cal 8-1000ng	8	✓	1000.0	819.2	81.9

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	55.5	111.0
p1 Cal 5-100ng	5	✓	100.0	108.7	108.7
p1 Cal 6-250ng	6	✓	250.0	263.2	105.3
p1 Cal 7-500ng	7	✓	500.0	488.6	97.7
p1 Cal 8-1000ng	8	✓	1000.0	814.9	81.5

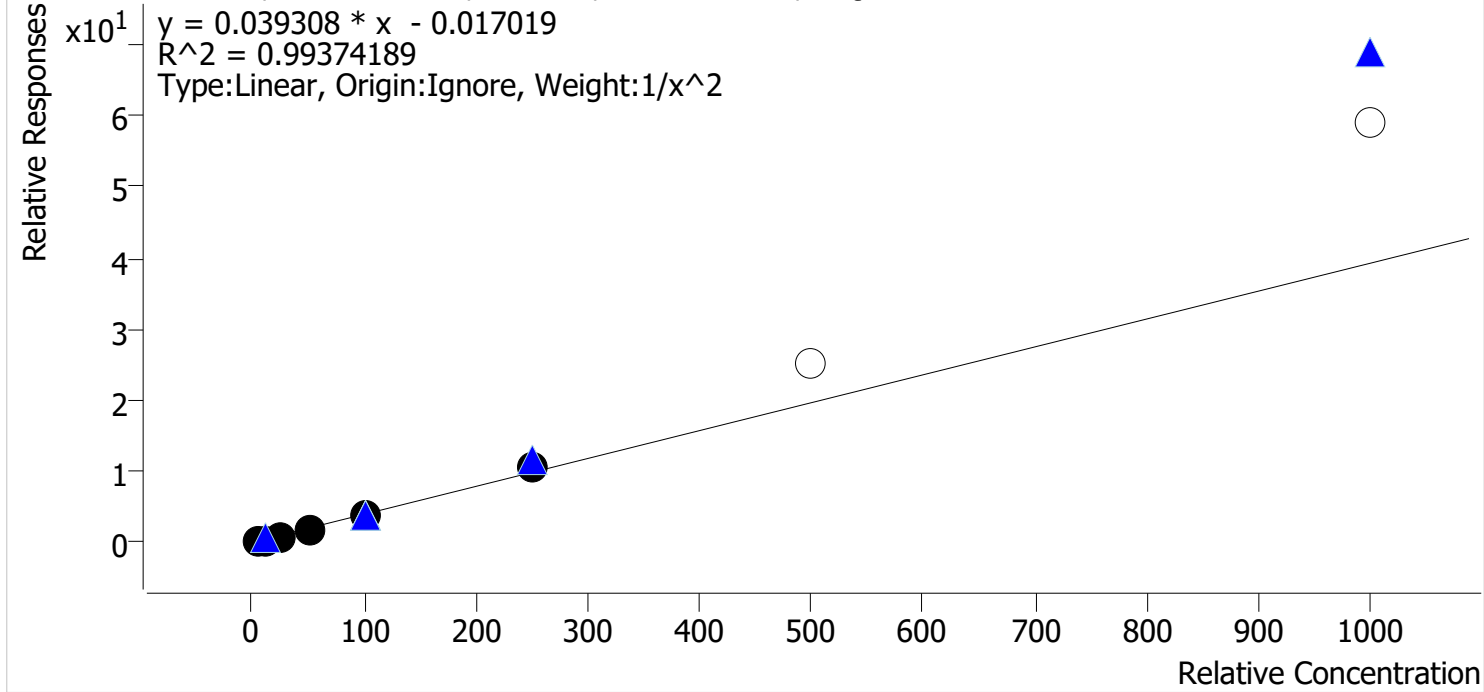
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.4	94.5
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	273.0	109.2
p1 Cal 7-500ng	7	x	500.0	639.2	127.8
p1 Cal 8-1000ng	8	x	1000.0	1501.0	150.1

Cal 7 and 8 dropped due to accuracy

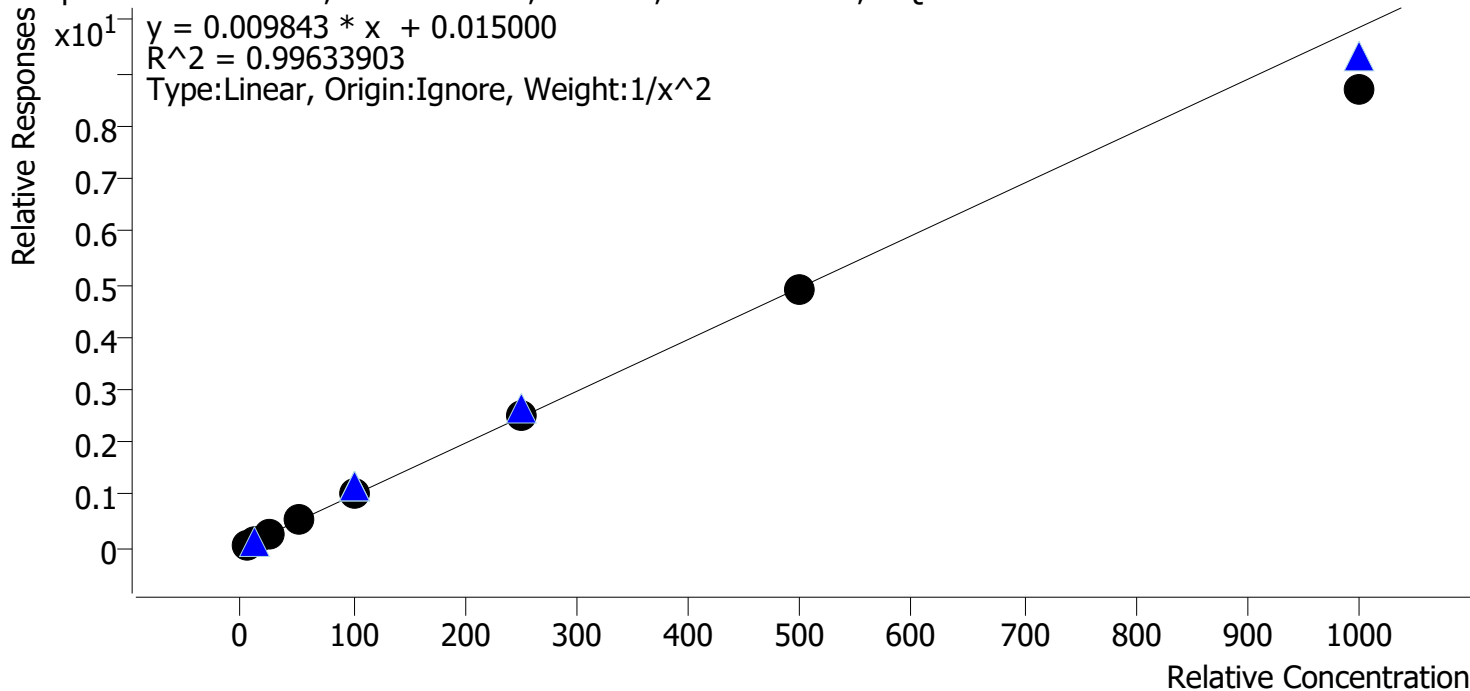
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

Flualprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



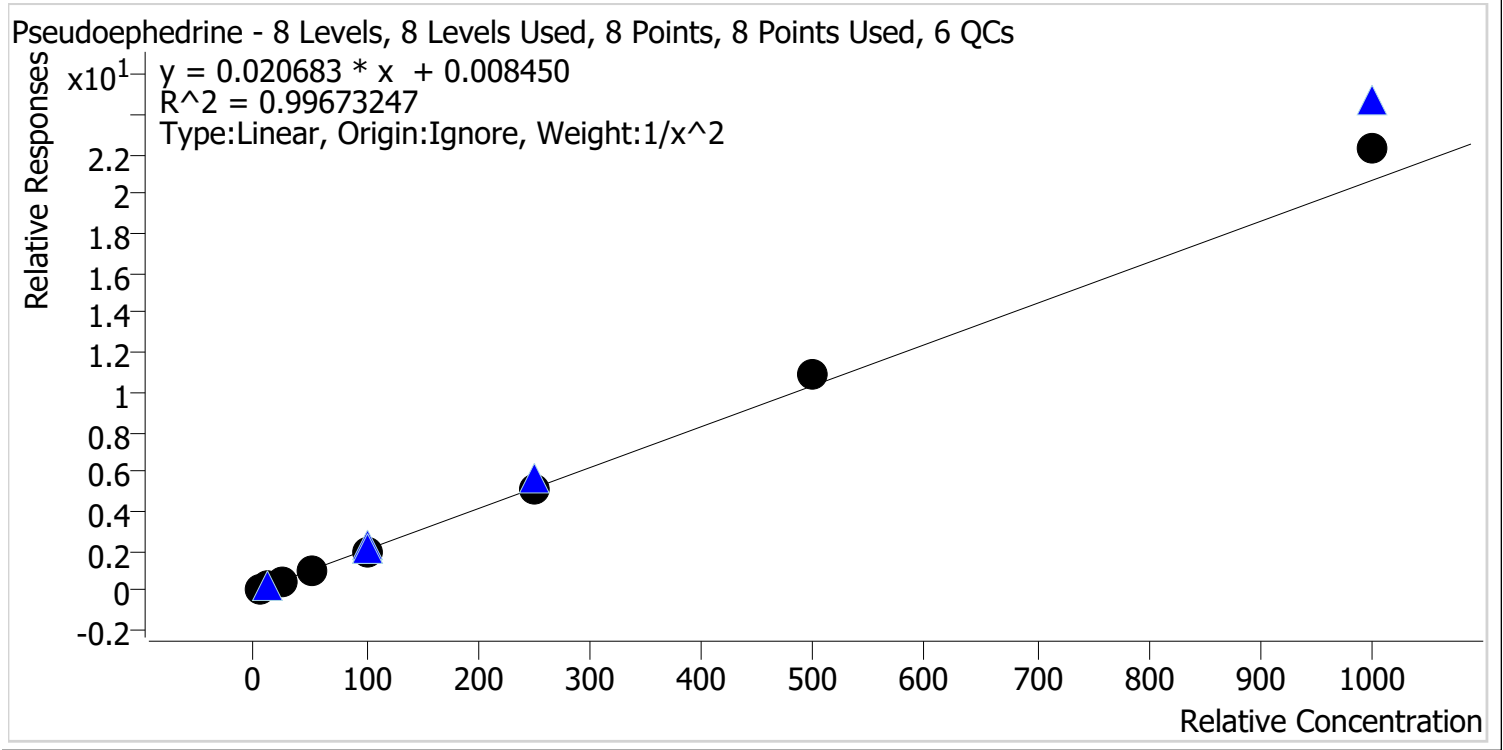
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	883.0	88.3

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



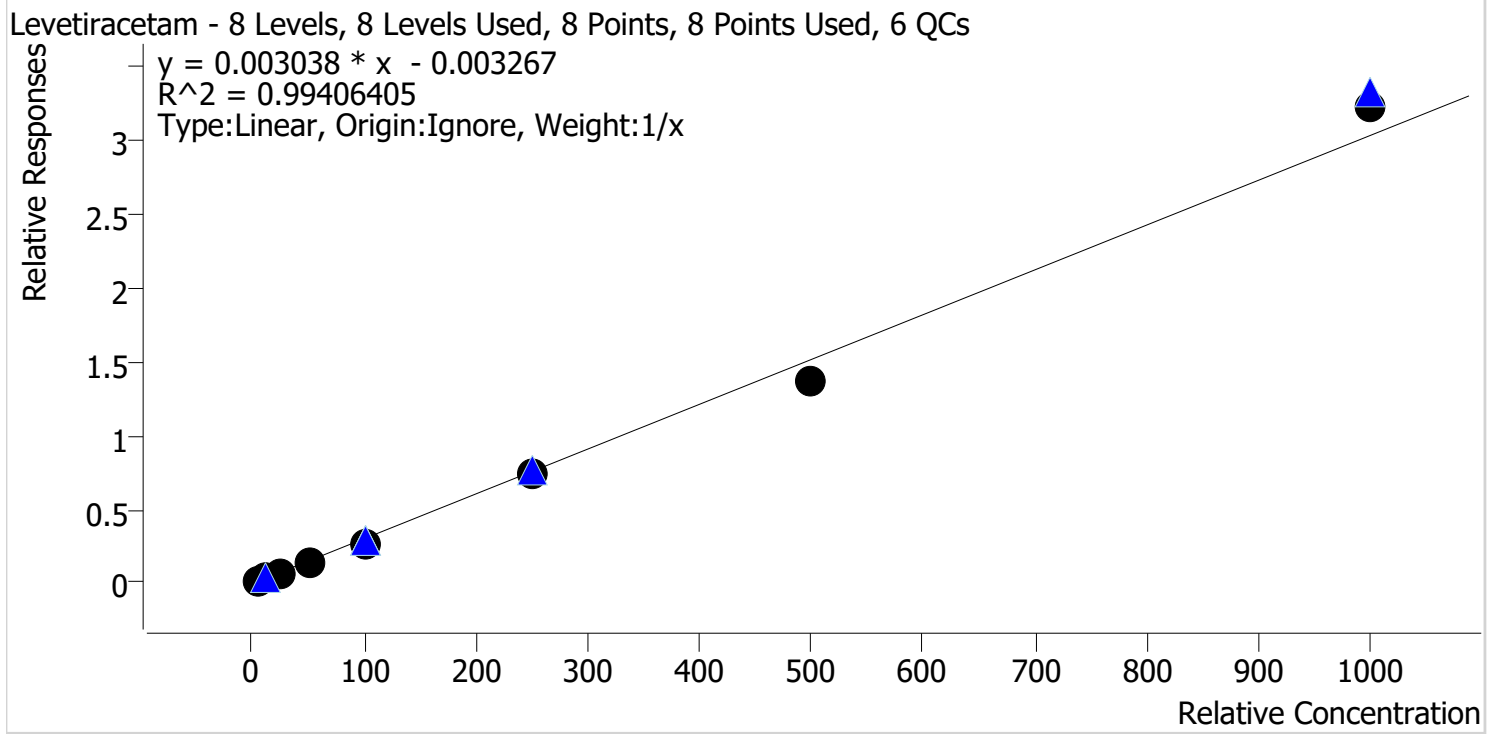
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	530.0	106.0
p1 Cal 8-1000ng	8	✓	1000.0	1075.6	107.6

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.2	124.3
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	43.8	87.6
p1 Cal 5-100ng	5	✓	100.0	90.3	90.3
p1 Cal 6-250ng	6	✓	250.0	245.4	98.1
p1 Cal 7-500ng	7	✓	500.0	454.1	90.8
p1 Cal 8-1000ng	8	✓	1000.0	1065.2	106.5

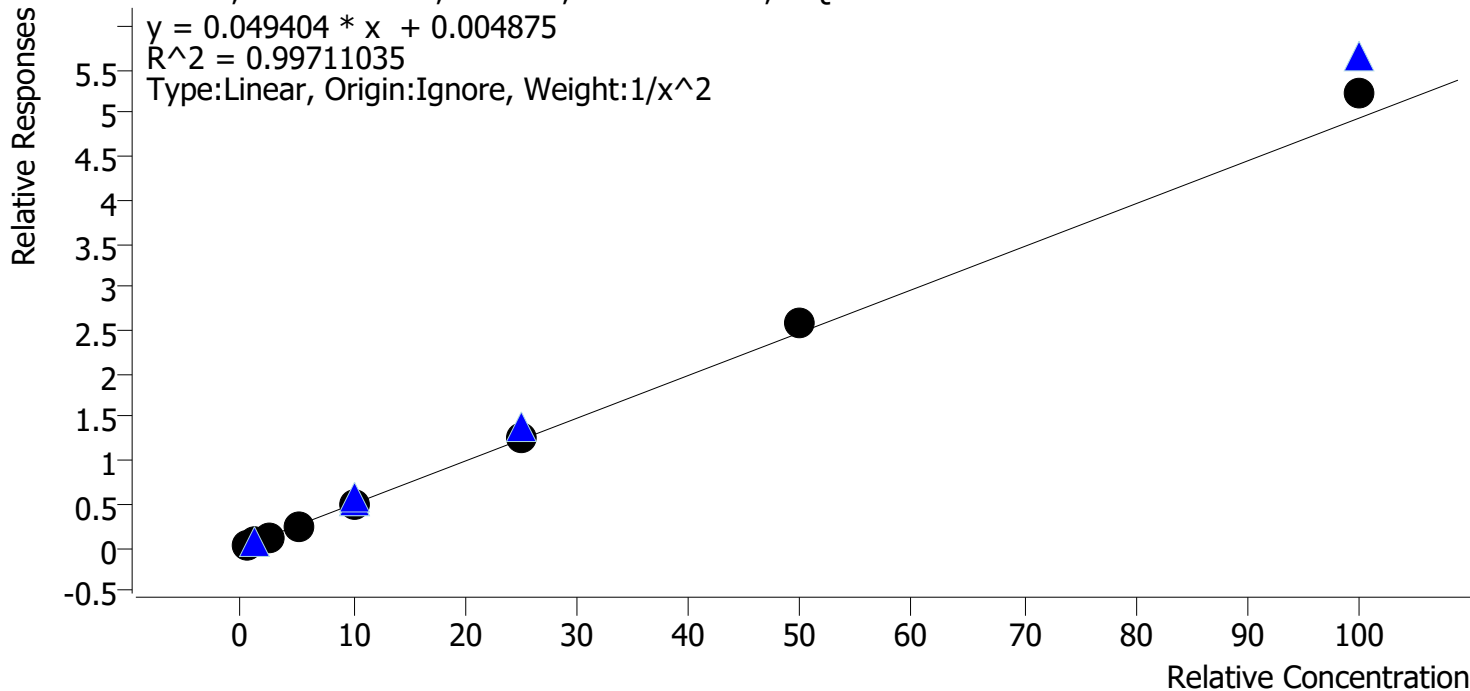
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.1
p1 Cal 2-10ng	2	✓	1.0	0.9	92.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.1
p1 Cal 4-50ng	4	✓	5.0	4.8	96.3
p1 Cal 5-100ng	5	✓	10.0	9.6	96.1
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	52.5	105.1
p1 Cal 8-1000ng	8	✓	100.0	105.4	105.4

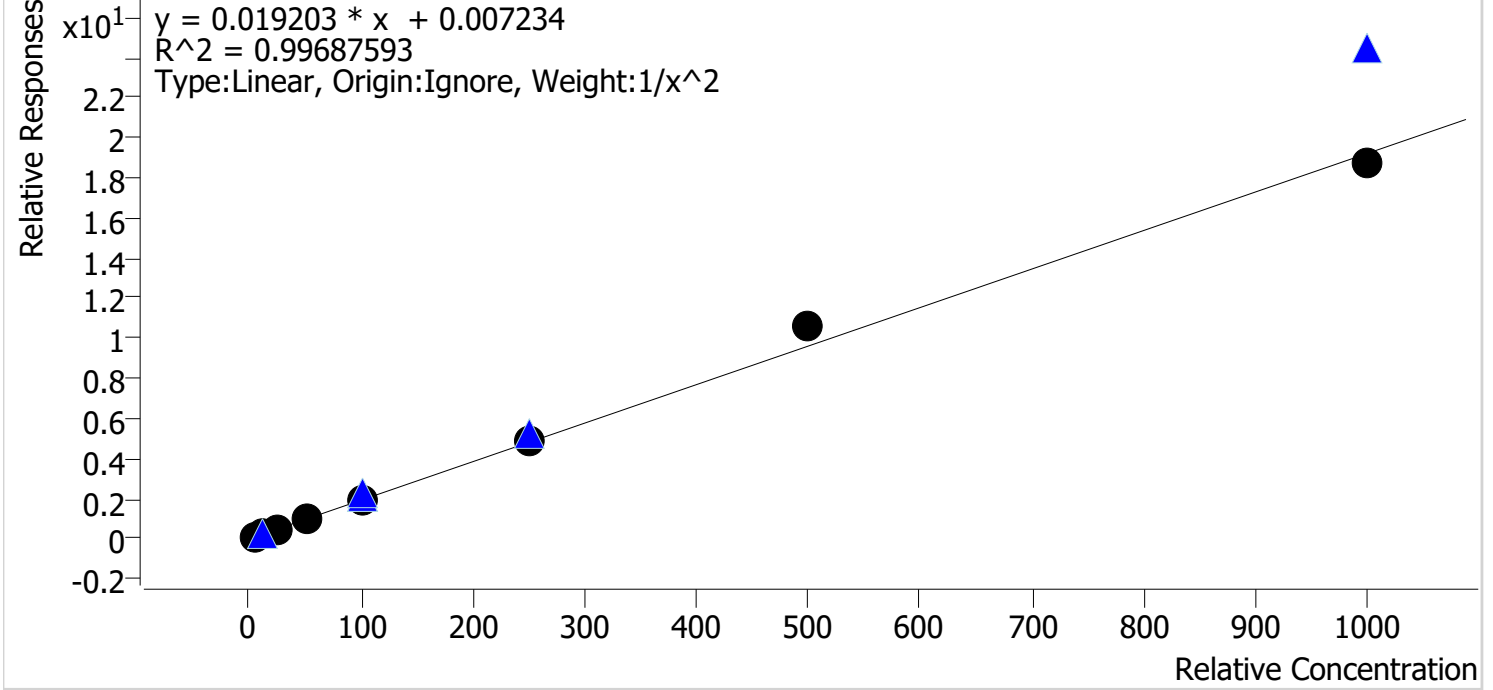
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.6
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	547.6	109.5
p1 Cal 8-1000ng	8	✓	1000.0	973.7	97.4

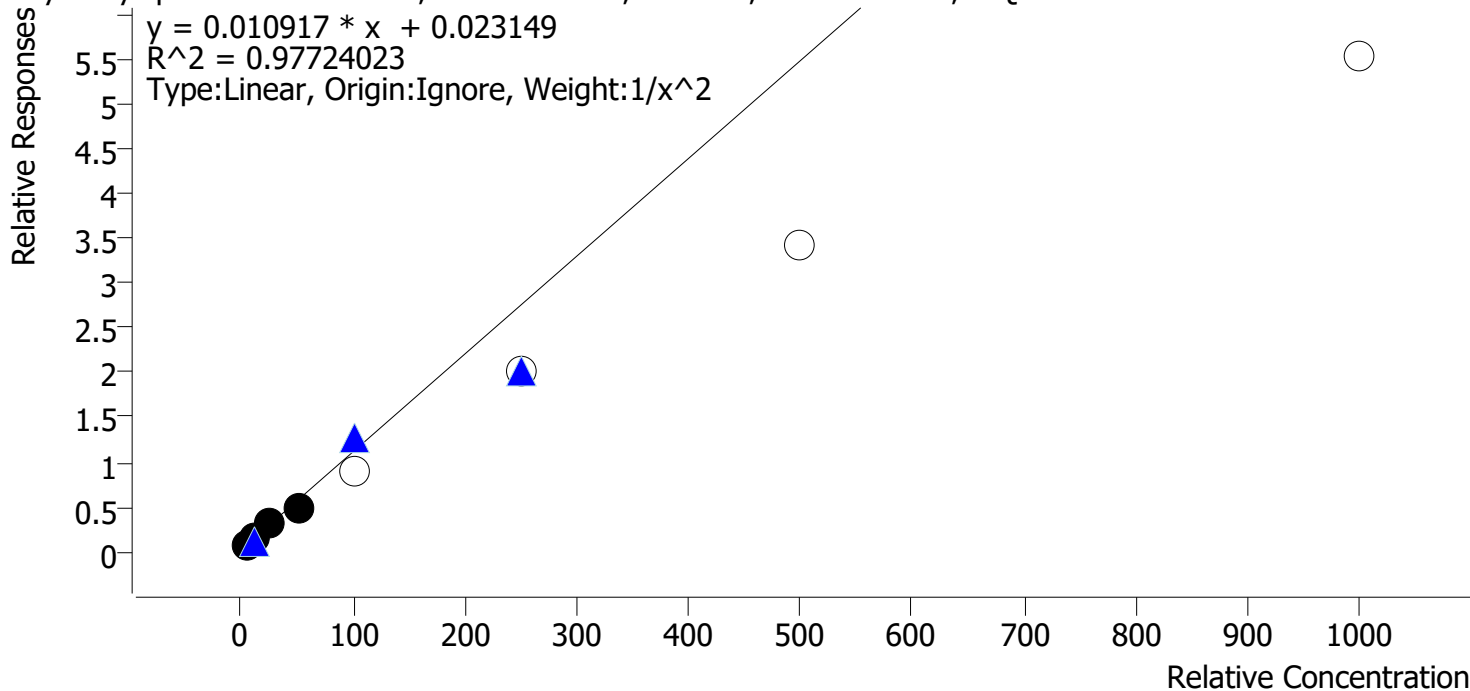
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 4 Levels Used, 8 Points, 4 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.6
p1 Cal 4-50ng	4	✓	50.0	43.4	86.8
p1 Cal 5-100ng	5	x	100.0	79.5	79.5
p1 Cal 6-250ng	6	x	250.0	182.5	73.0
p1 Cal 7-500ng	7	x	500.0	310.3	62.1
p1 Cal 8-1000ng	8	x	1000.0	504.2	50.4

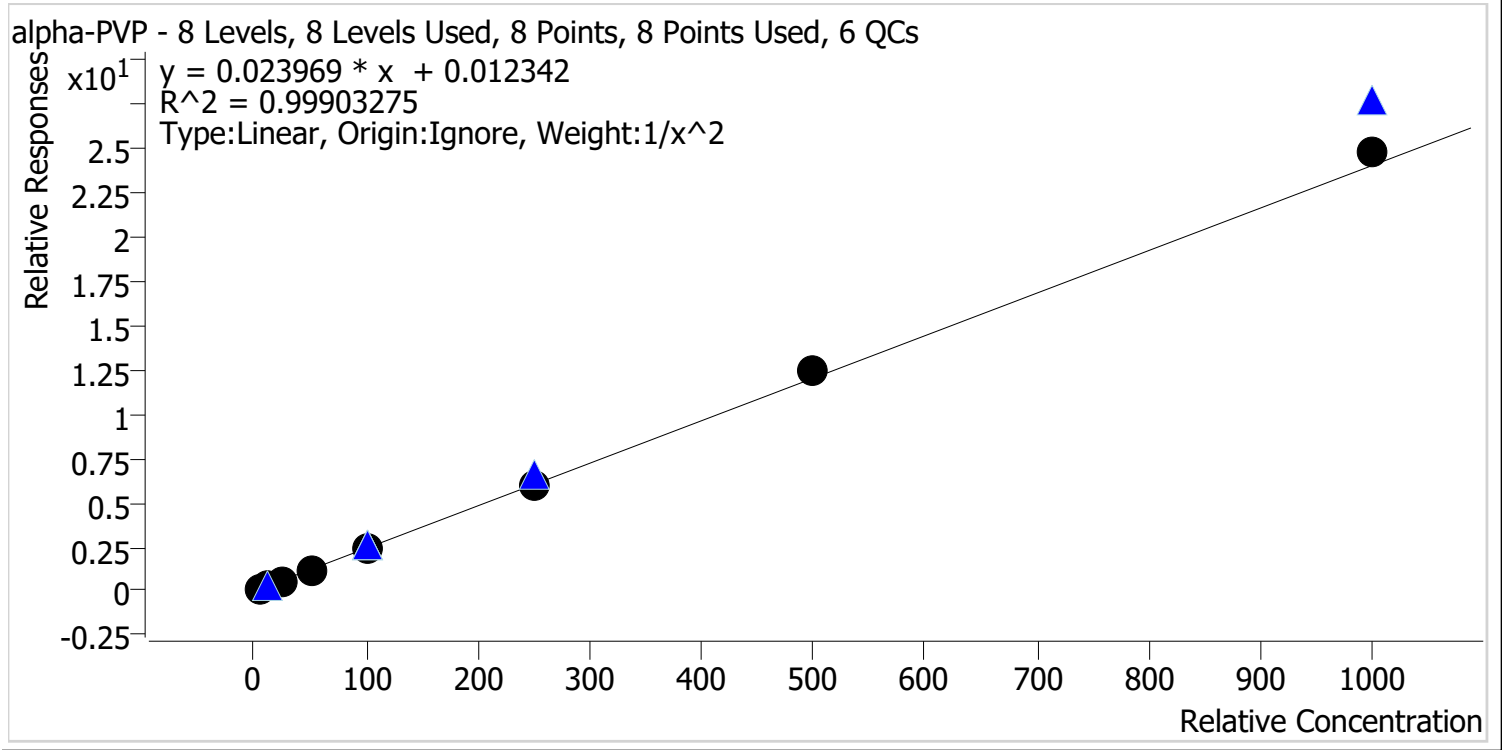
Compound not evaluated

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



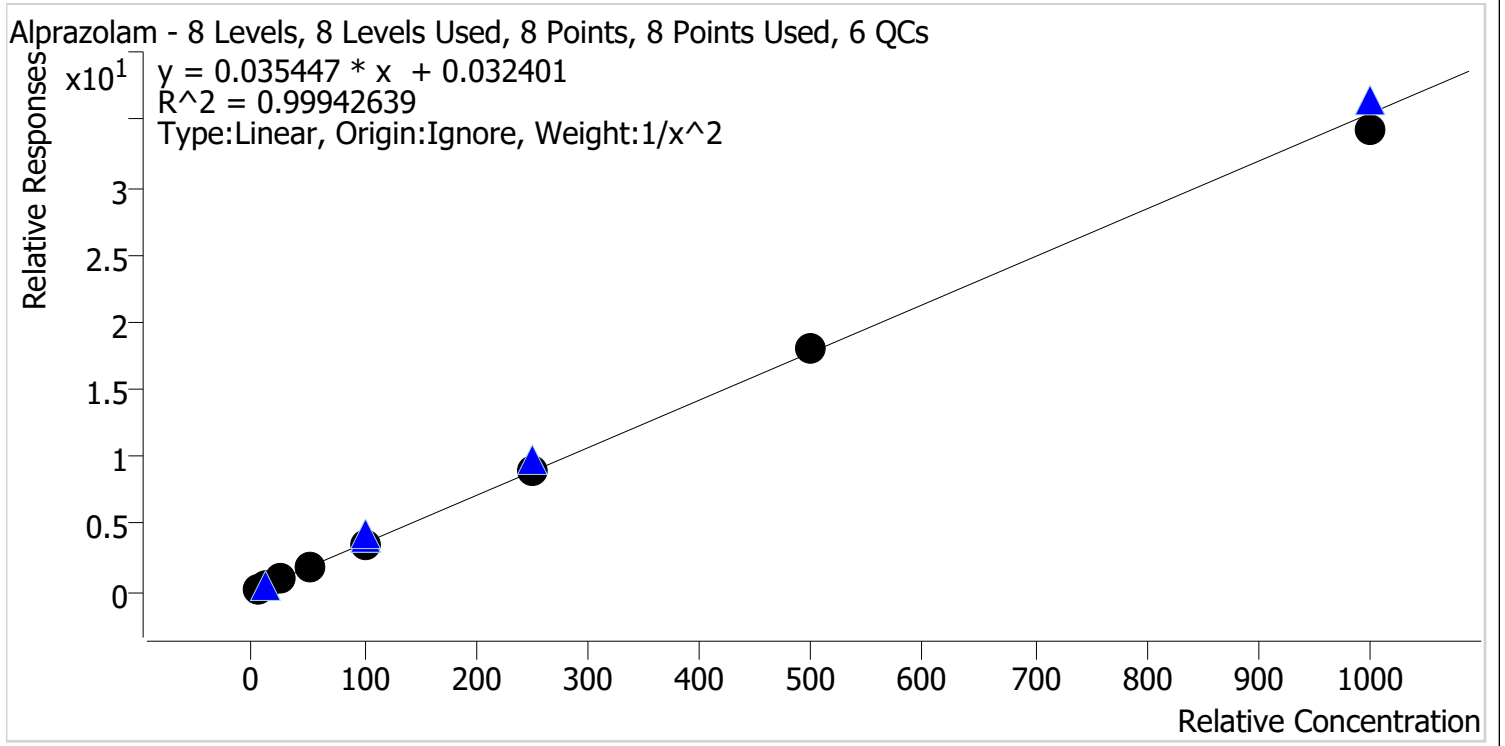
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1035.3	103.5

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Alprazolam **Internal Standard** Alprazolam-D5



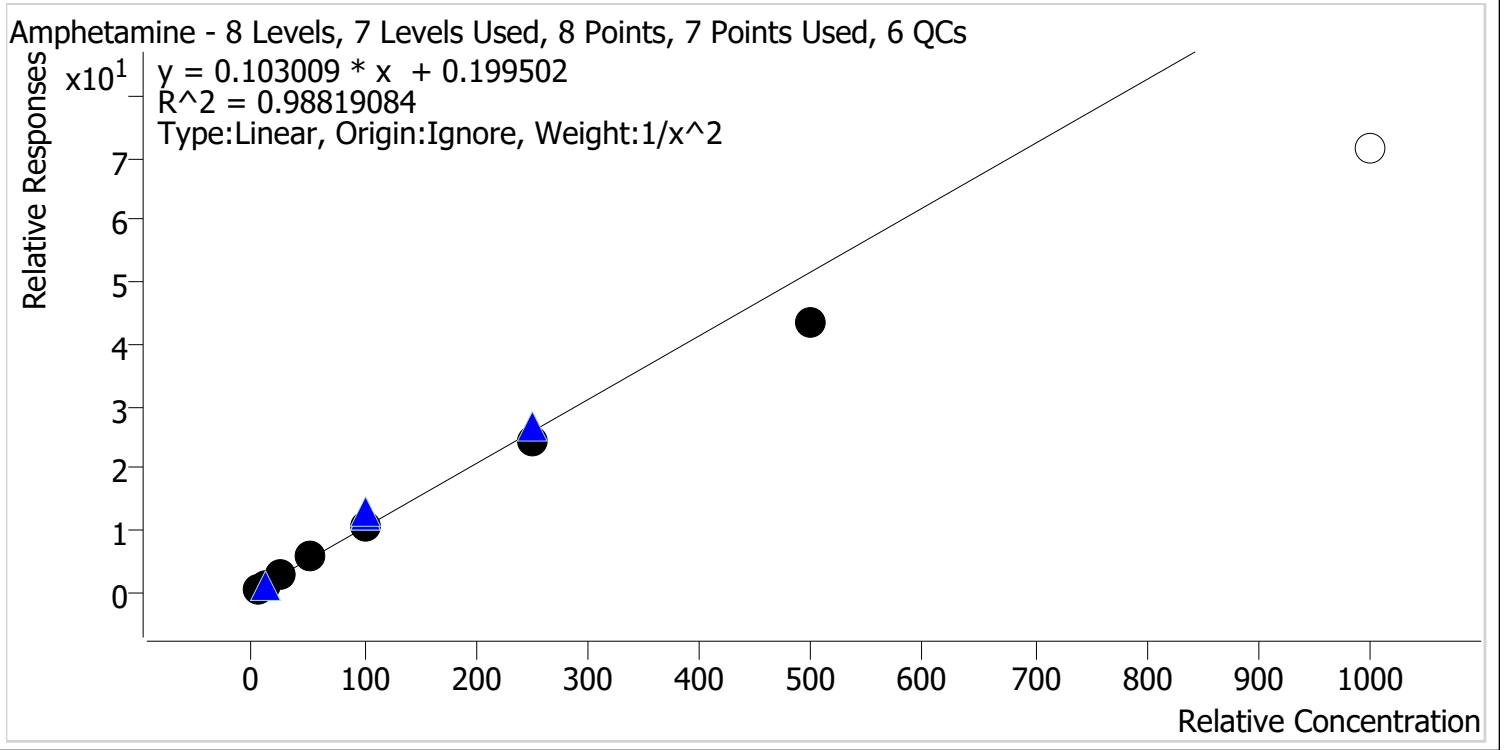
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	511.4	102.3
p1 Cal 8-1000ng	8	✓	1000.0	964.4	96.4

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	236.0	94.4
p1 Cal 7-500ng	7	✓	500.0	420.1	84.0
p1 Cal 8-1000ng	8	✗	1000.0	694.8	69.5

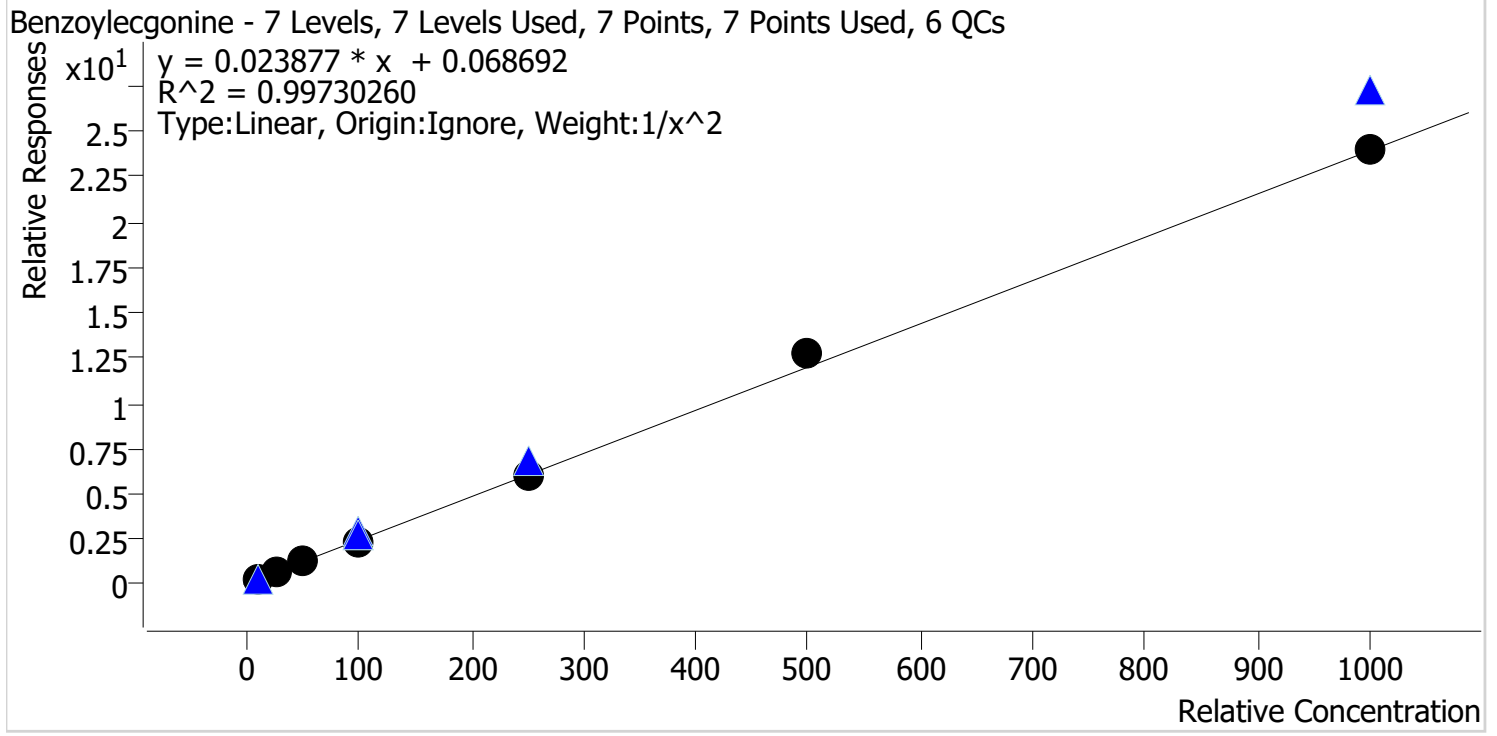
Cal 8 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.1
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	532.3	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1004.2	100.4

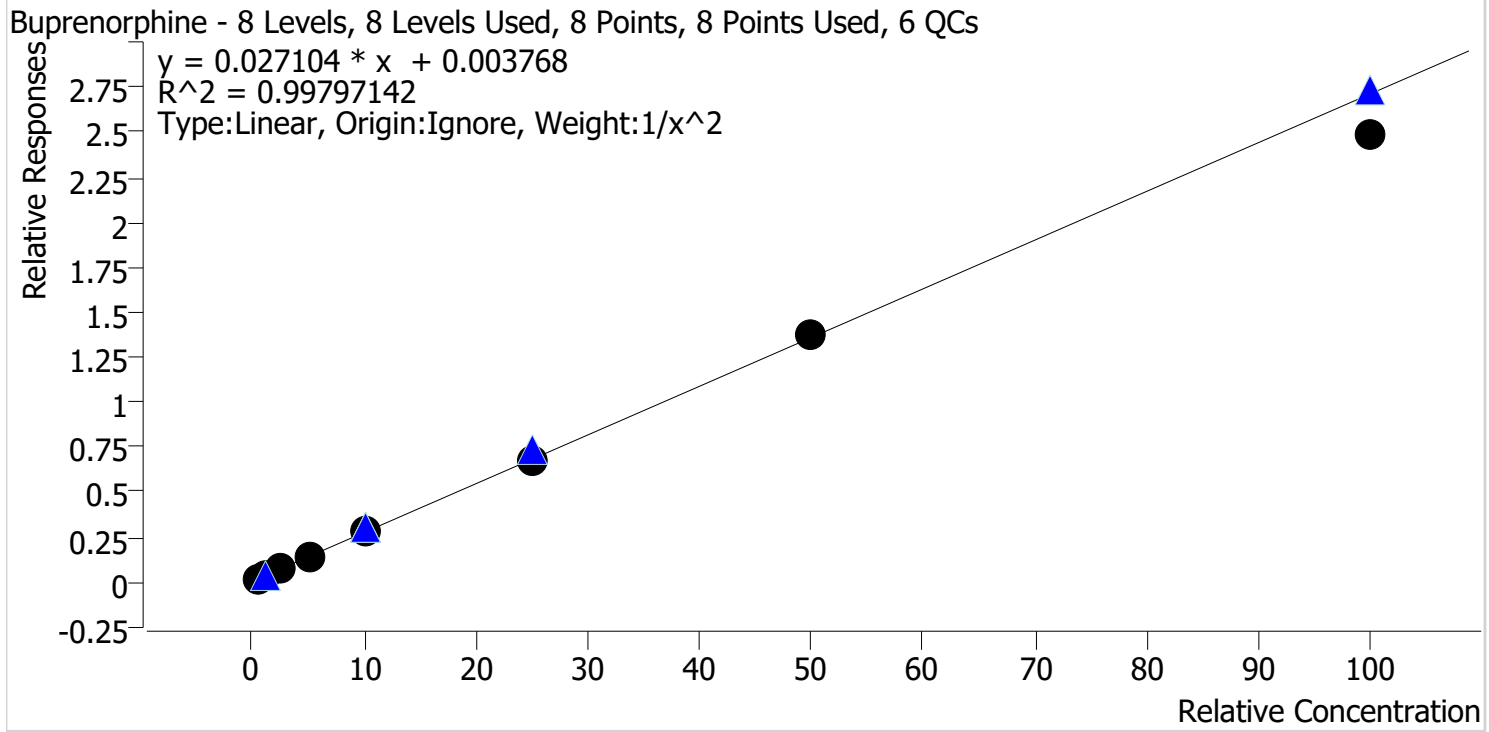
Cal 1 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



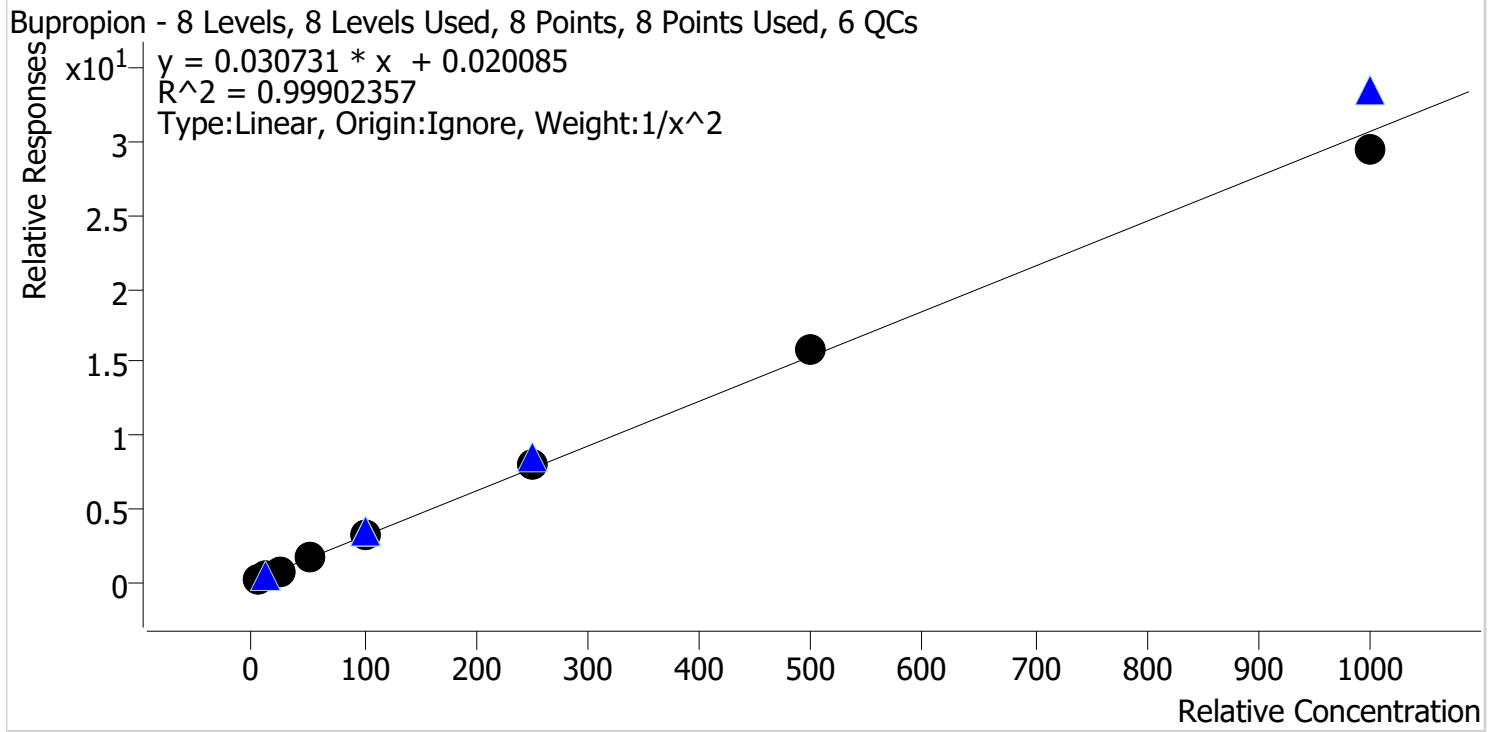
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.4
p1 Cal 2-10ng	2	✓	1.0	1.0	99.5
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.7
p1 Cal 4-50ng	4	✓	5.0	5.2	103.8
p1 Cal 5-100ng	5	✓	10.0	10.4	104.1
p1 Cal 6-250ng	6	✓	25.0	24.9	99.5
p1 Cal 7-500ng	7	✓	50.0	50.2	100.5
p1 Cal 8-1000ng	8	✓	100.0	91.5	91.5

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Bupropion **Internal Standard** Bupropion-D9



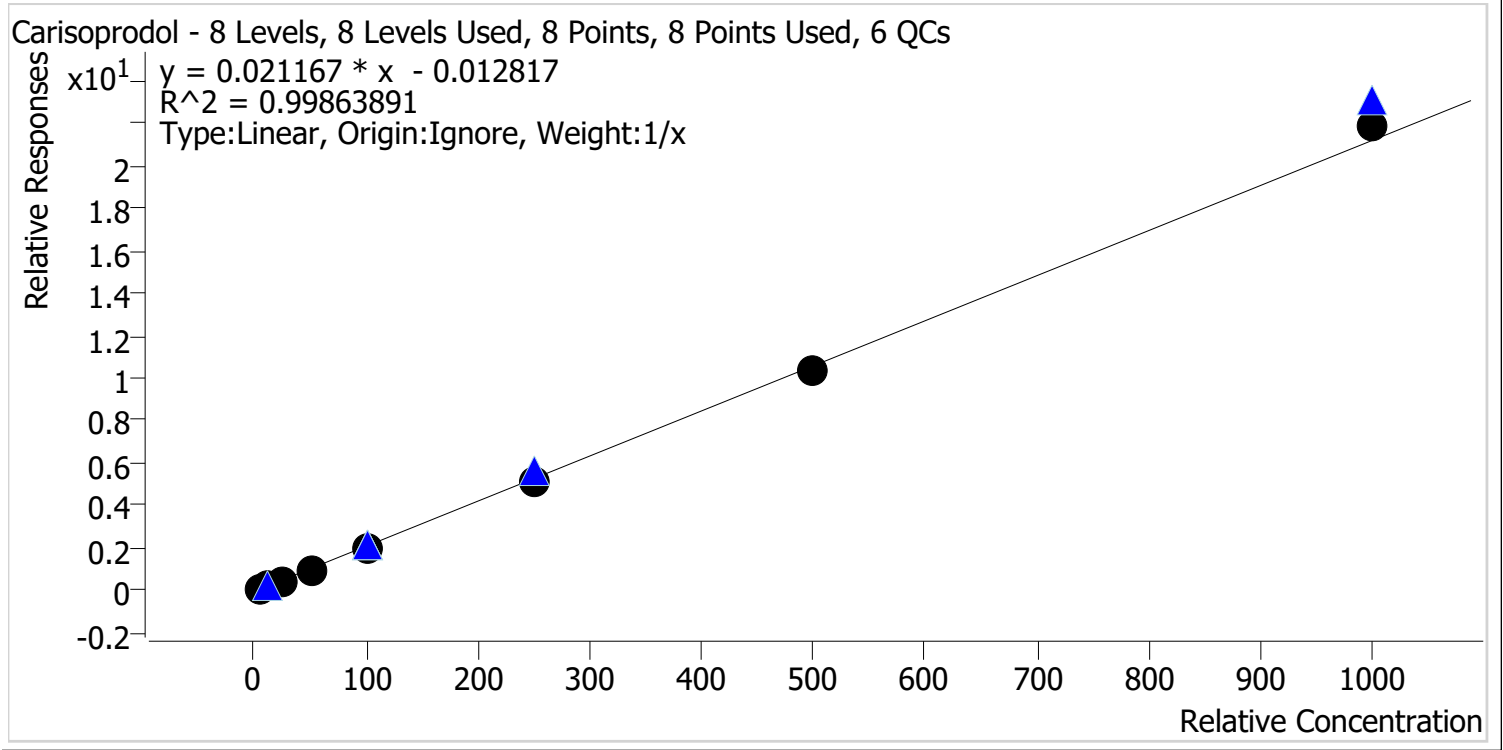
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	959.4	95.9

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.7	113.3
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	92.7	92.7
p1 Cal 6-250ng	6	✓	250.0	239.9	96.0
p1 Cal 7-500ng	7	✓	500.0	488.0	97.6
p1 Cal 8-1000ng	8	✓	1000.0	1031.1	103.1

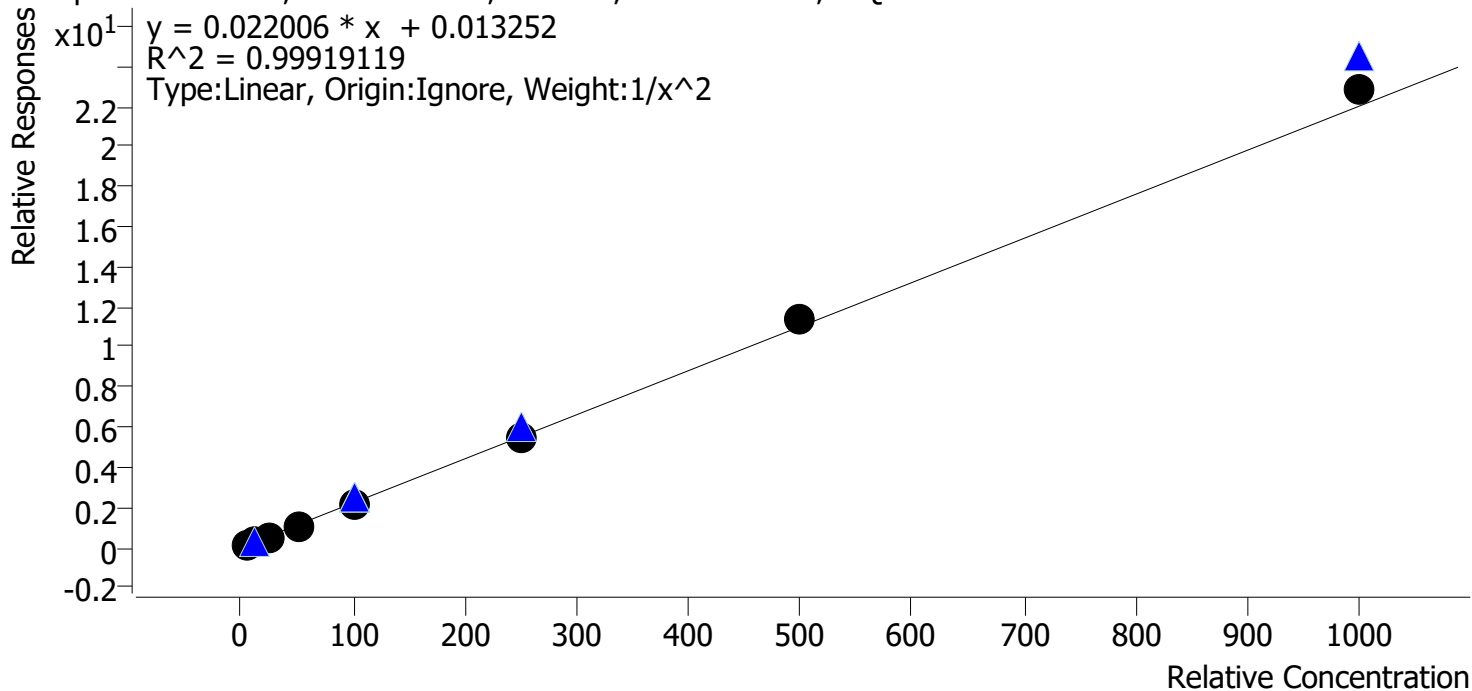
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



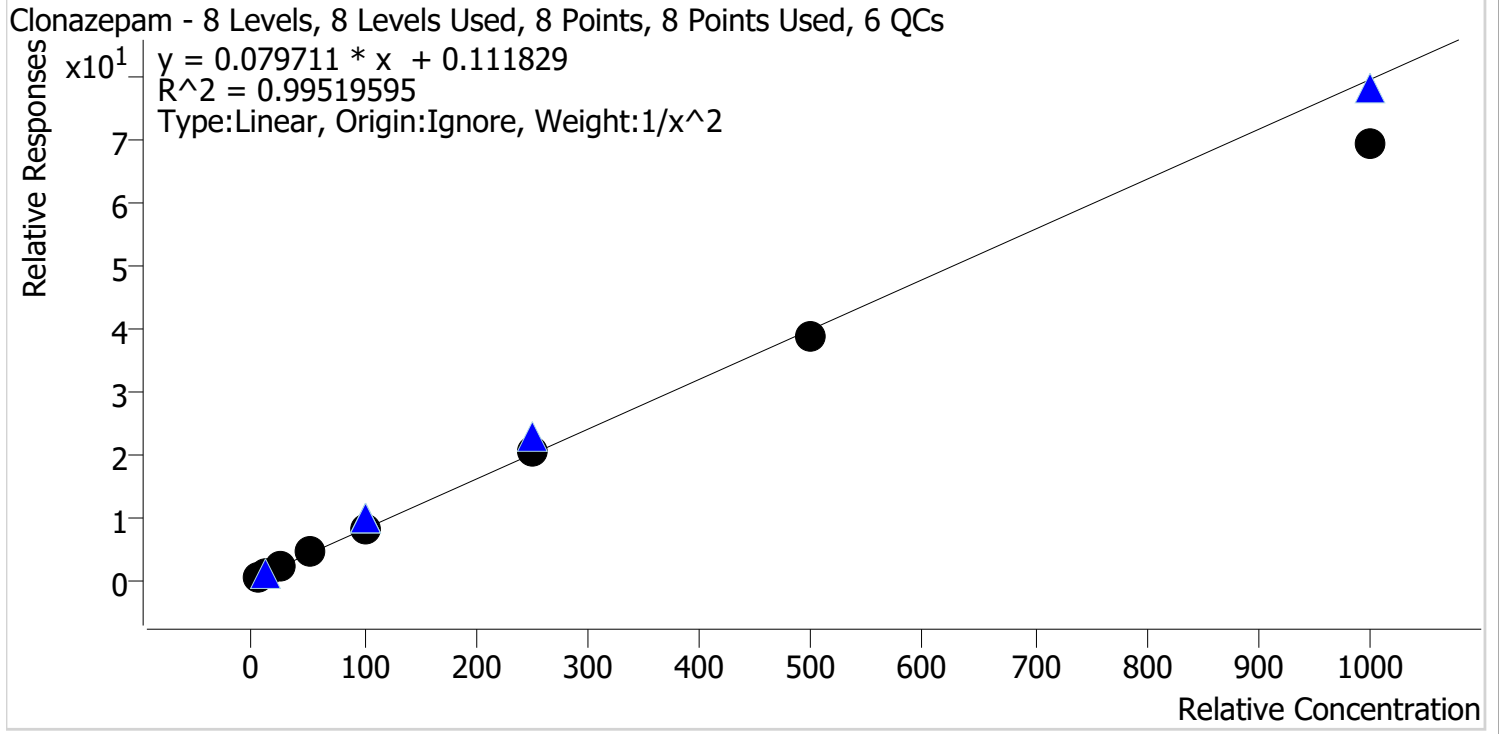
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1036.1	103.6

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Clonazepam **Internal Standard** Clonazepam-D4



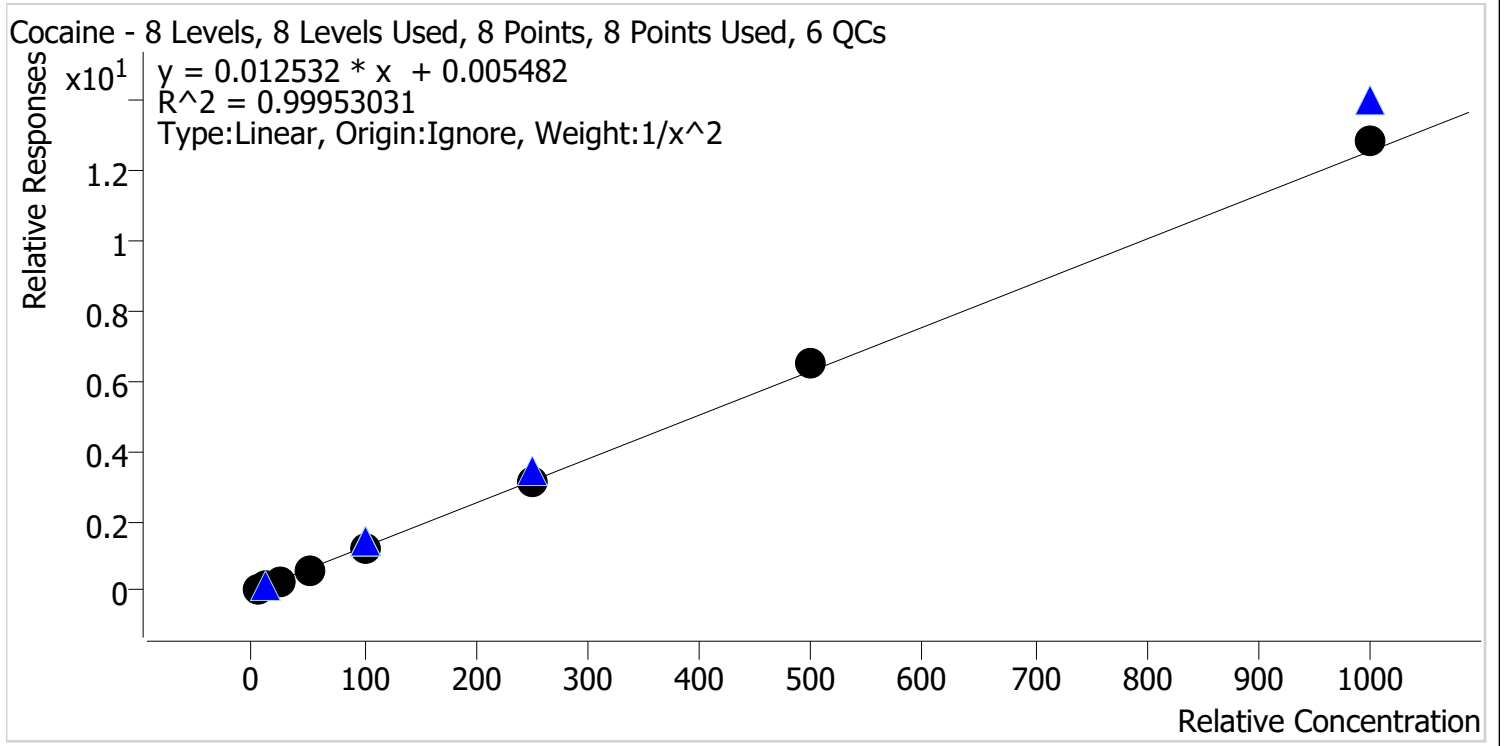
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	486.2	97.2
p1 Cal 8-1000ng	8	✓	1000.0	871.1	87.1

AG



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Cocaine **Internal Standard** Cocaine-d3



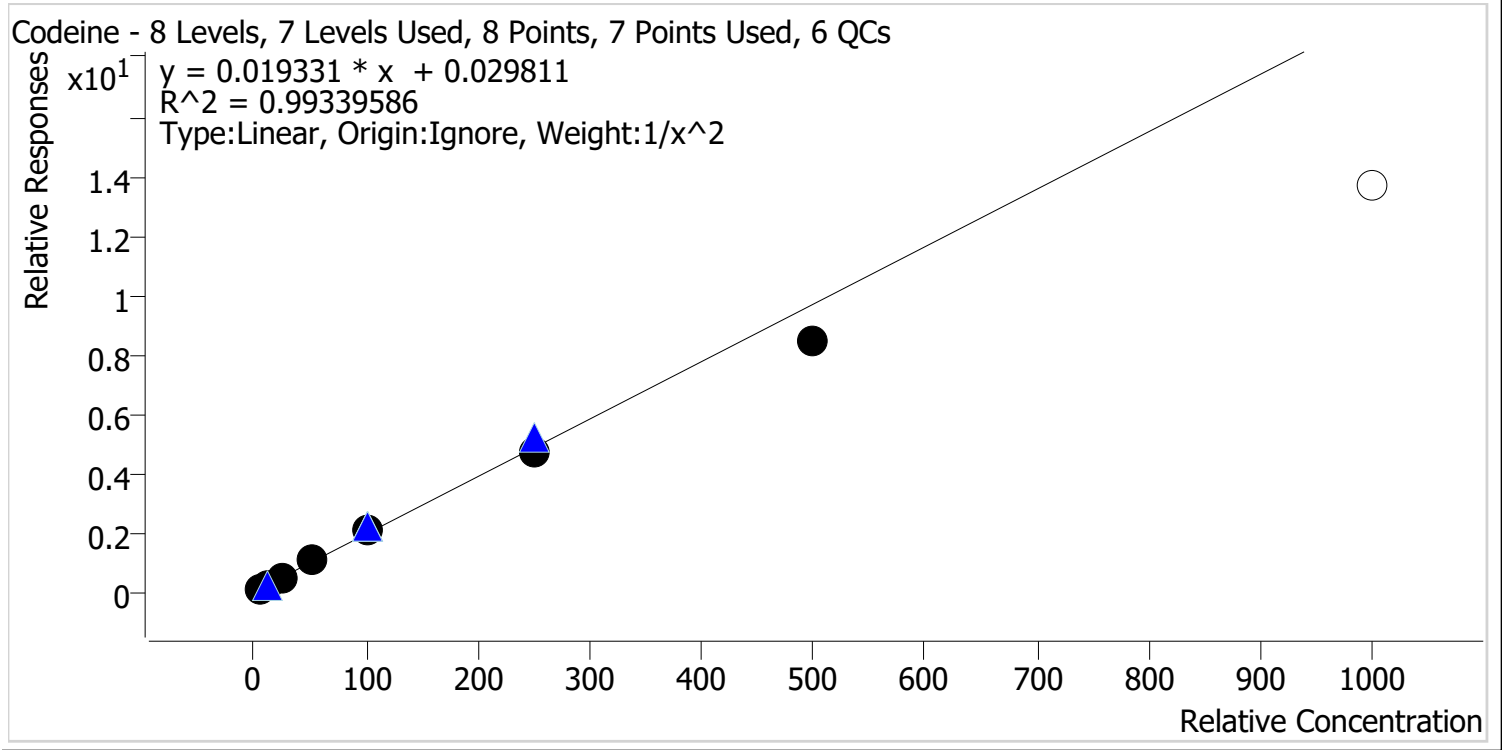
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	513.7	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1024.9	102.5

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	435.3	87.1
p1 Cal 8-1000ng	8	✗	1000.0	710.2	71.0

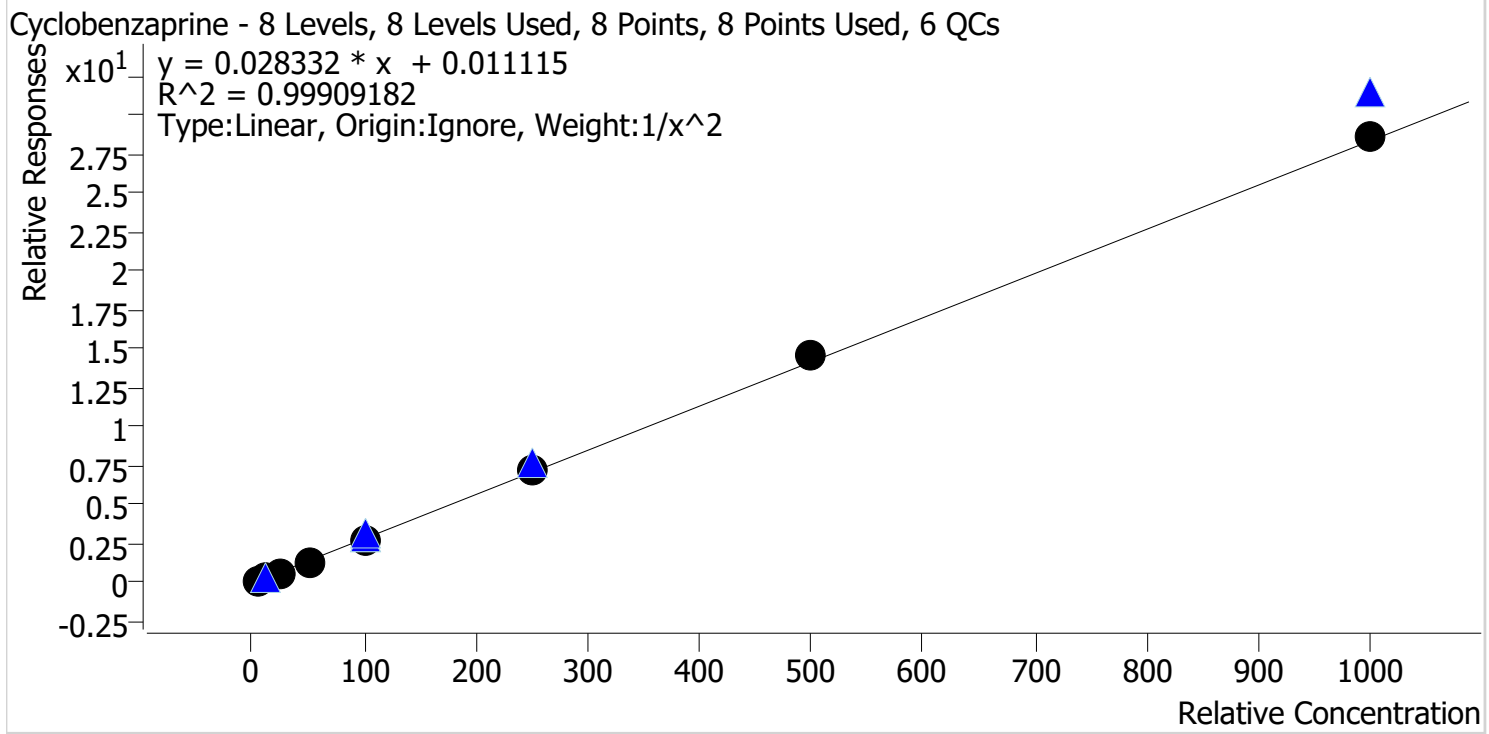
Cal 8 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	514.4	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1010.9	101.1

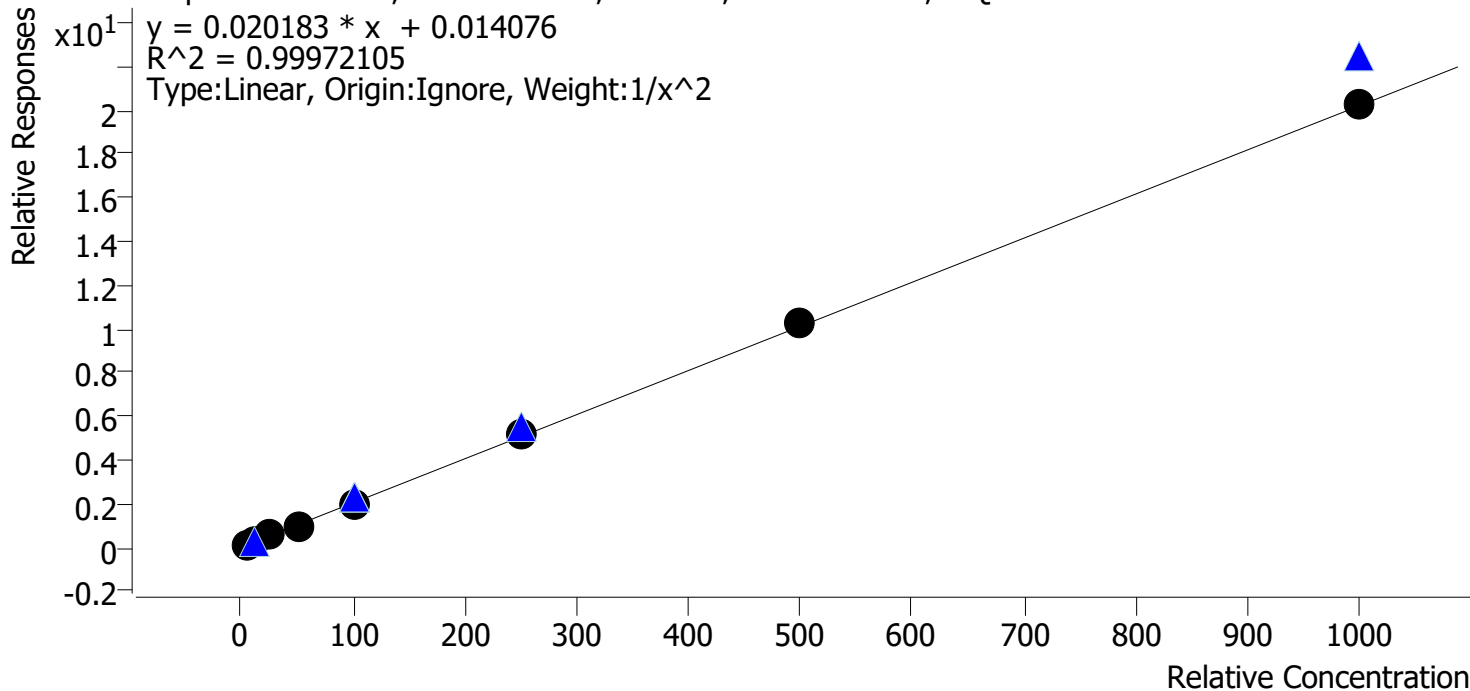
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



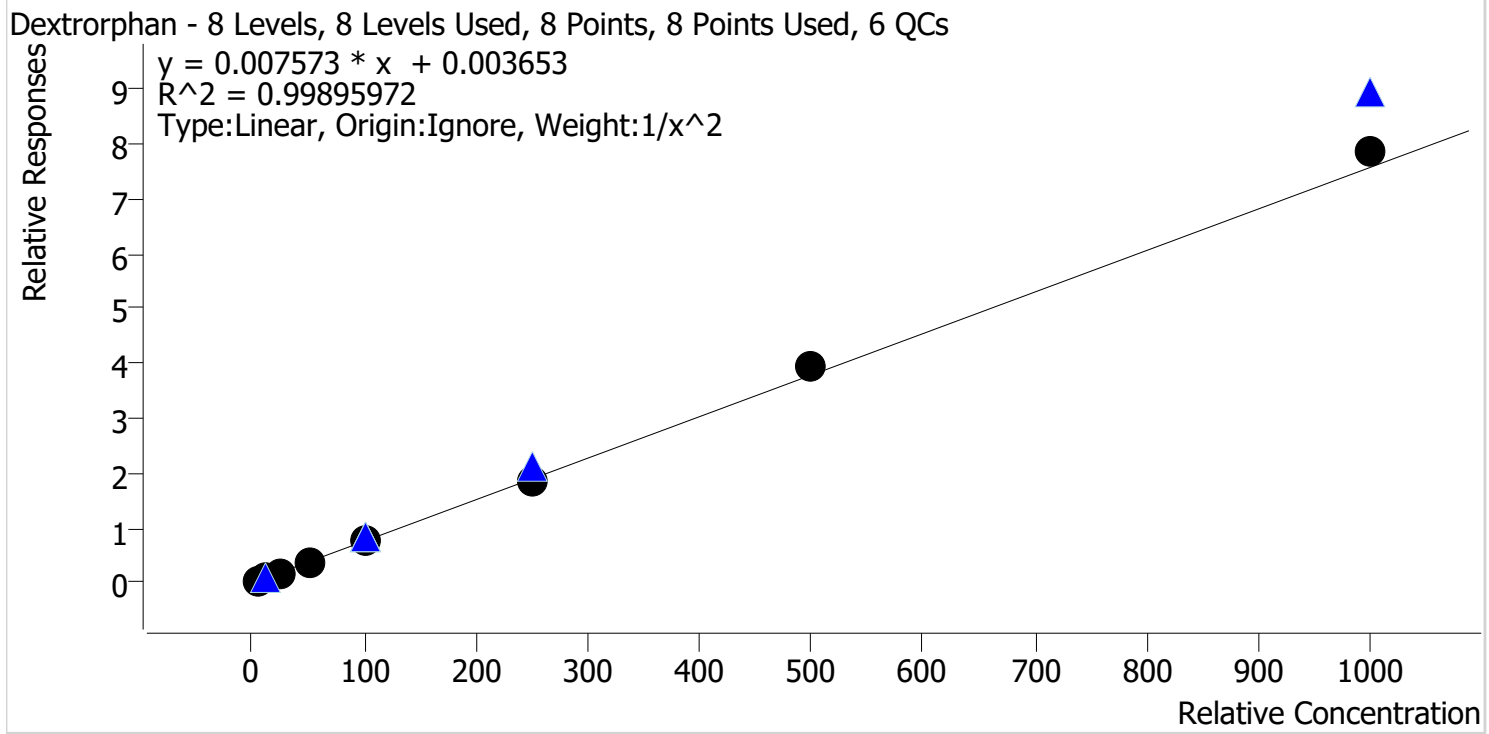
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1000.7	100.1

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



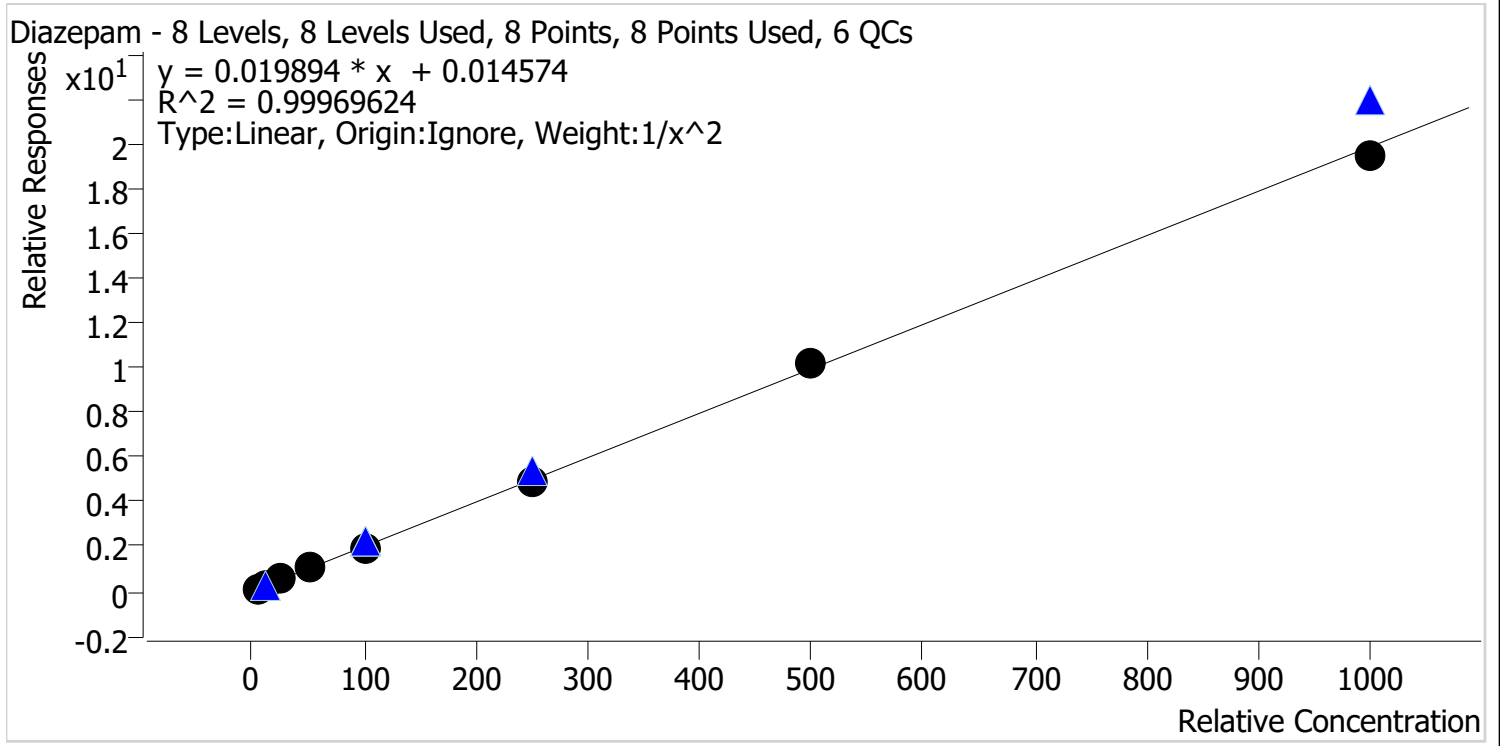
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1038.7	103.9

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Diazepam **Internal Standard** Diazepam-D5



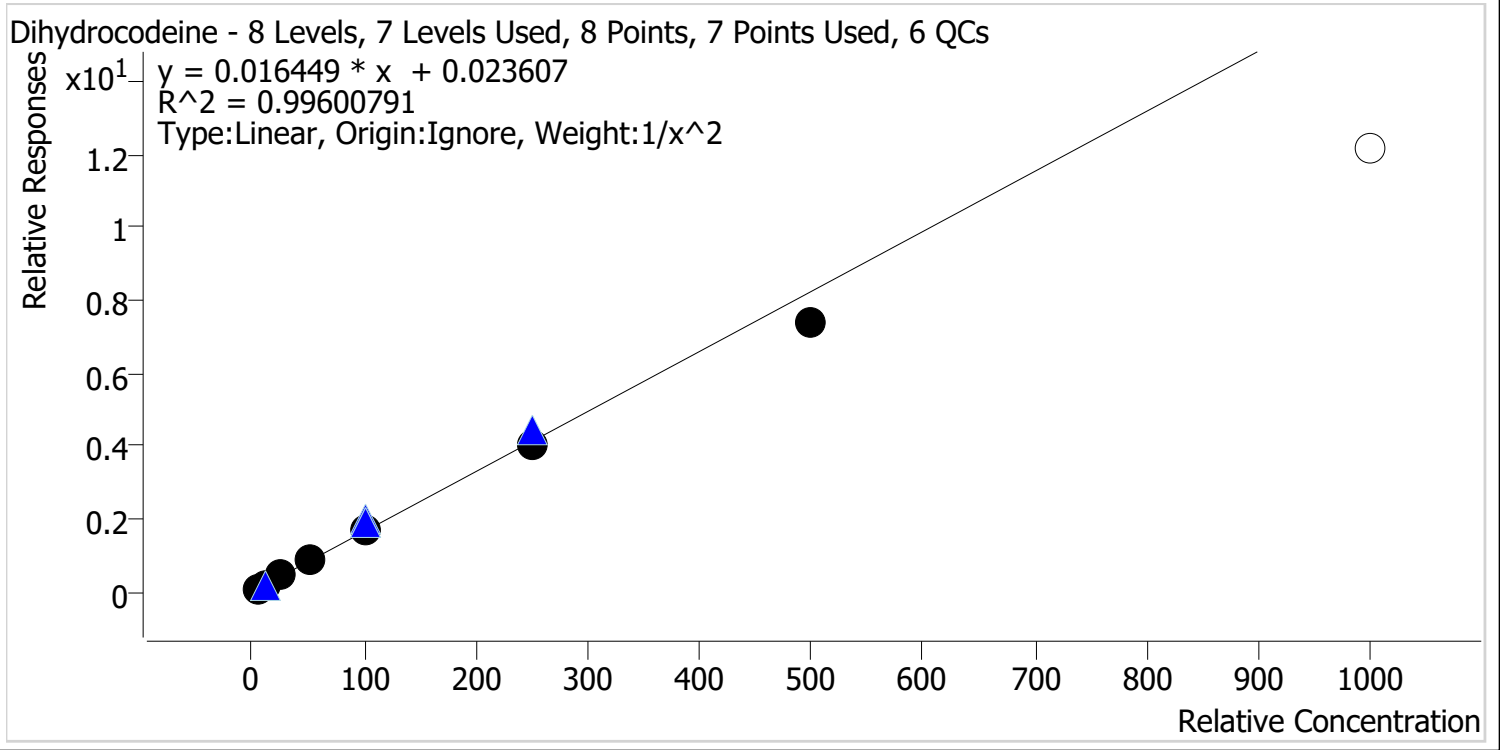
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	983.5	98.4

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	448.2	89.6
p1 Cal 8-1000ng	8	x	1000.0	736.1	73.6

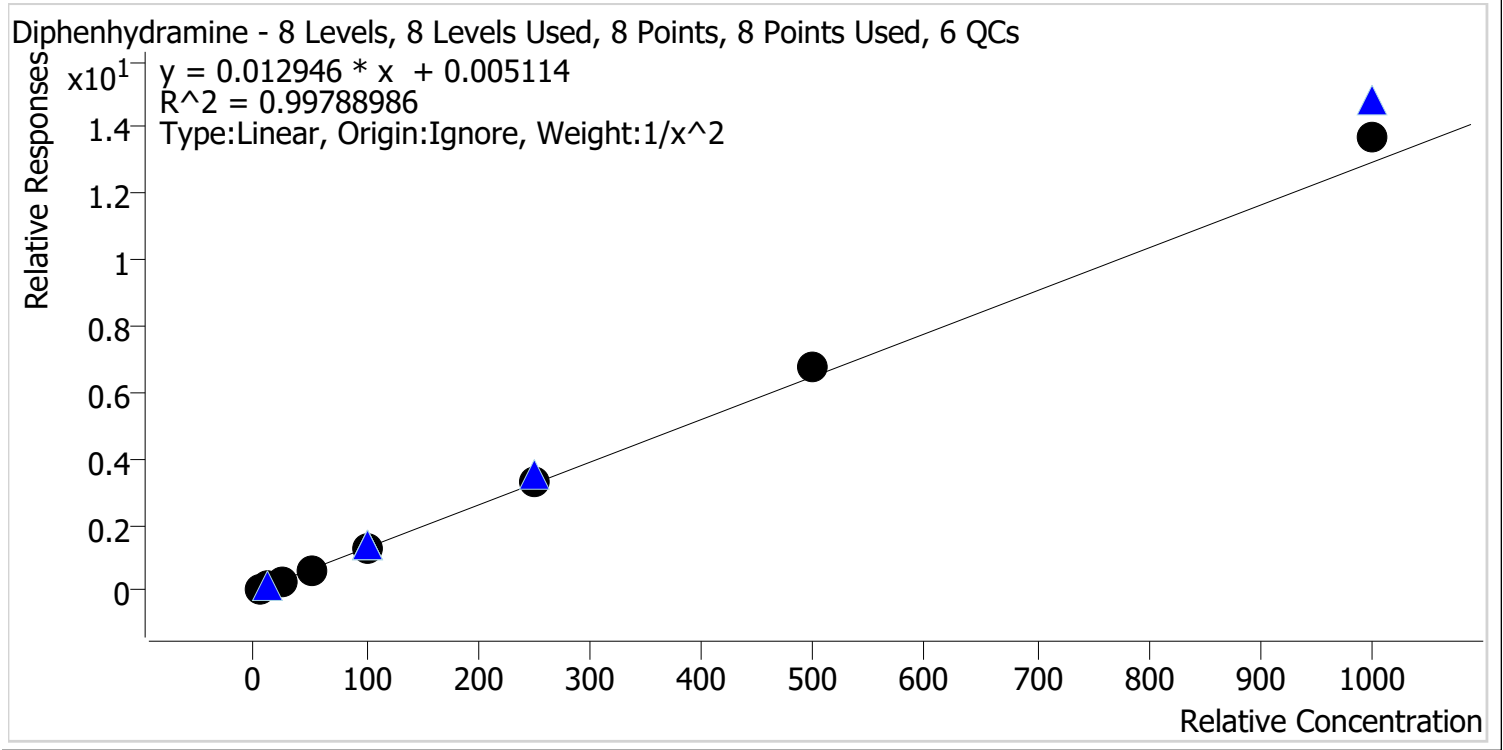
Cal 8 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	523.4	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1056.9	105.7

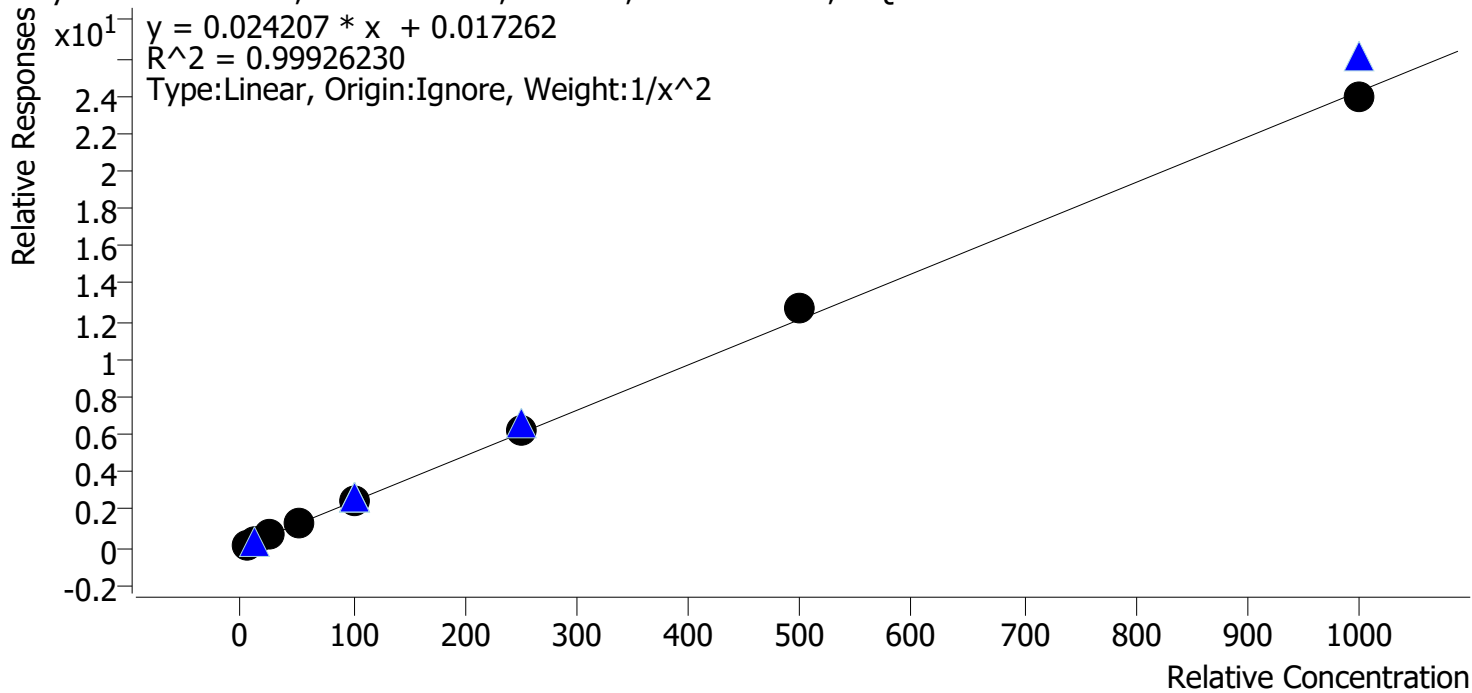
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



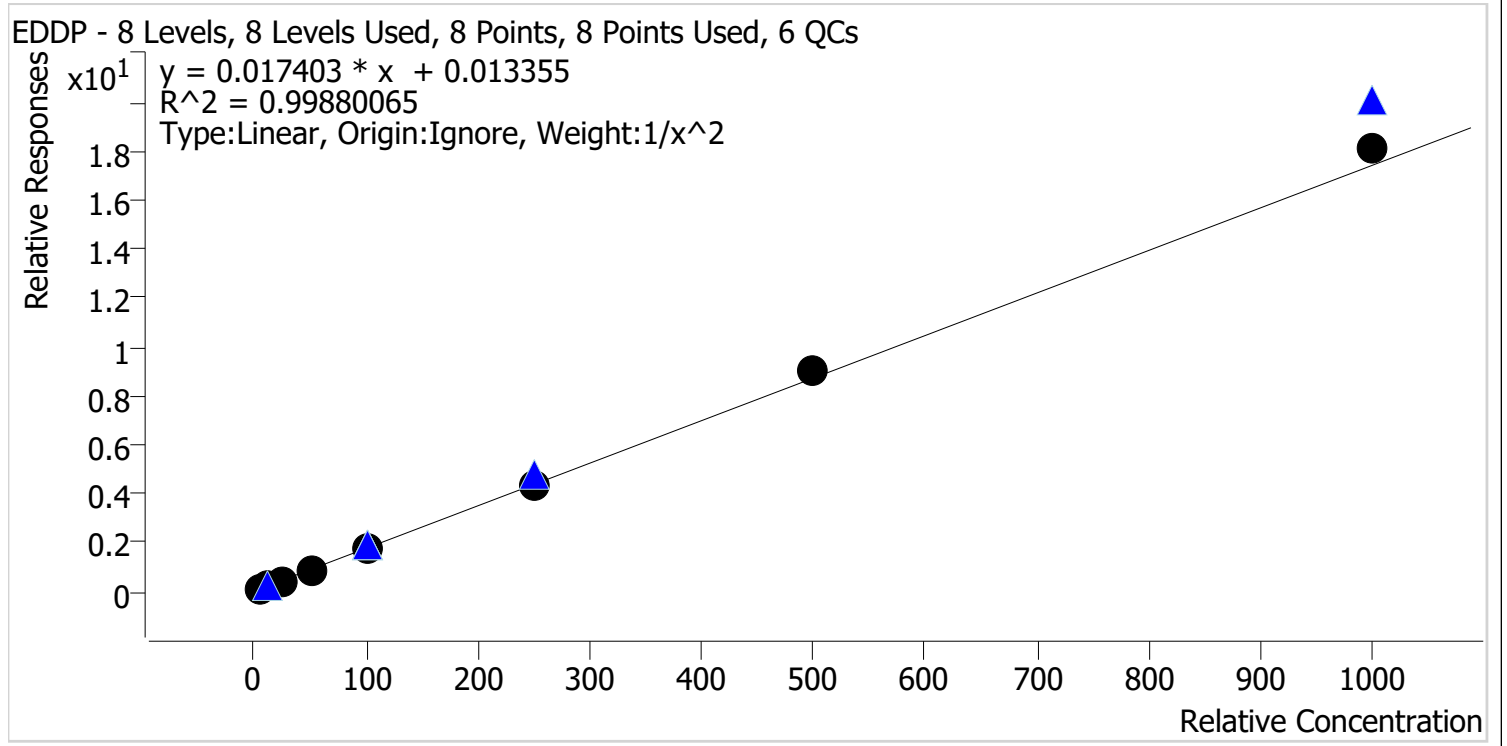
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	522.1	104.4
p1 Cal 8-1000ng	8	✓	1000.0	986.3	98.6

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte EDDP **Internal Standard** EDDP-D3



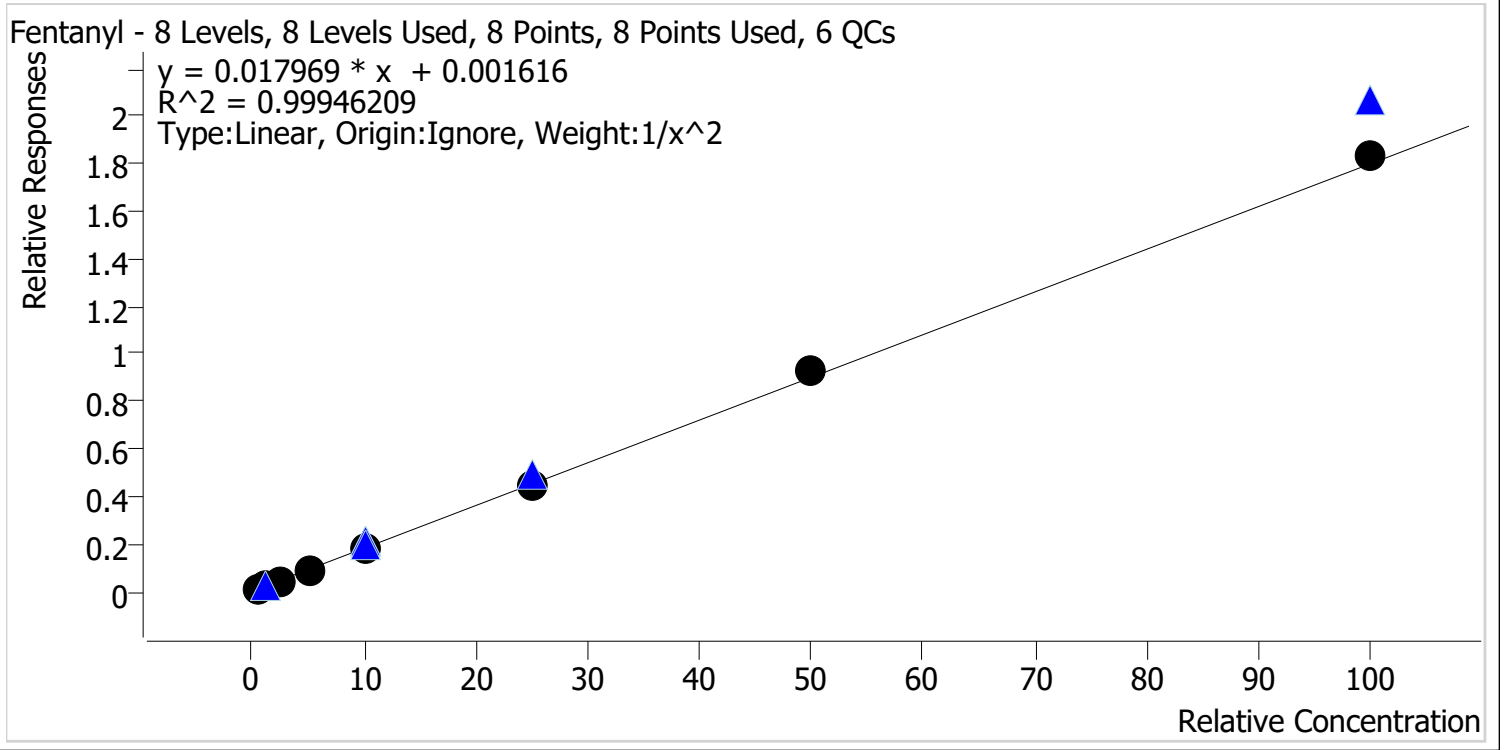
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1043.9	104.4

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Fentanyl **Internal Standard** Fentanyl-D5



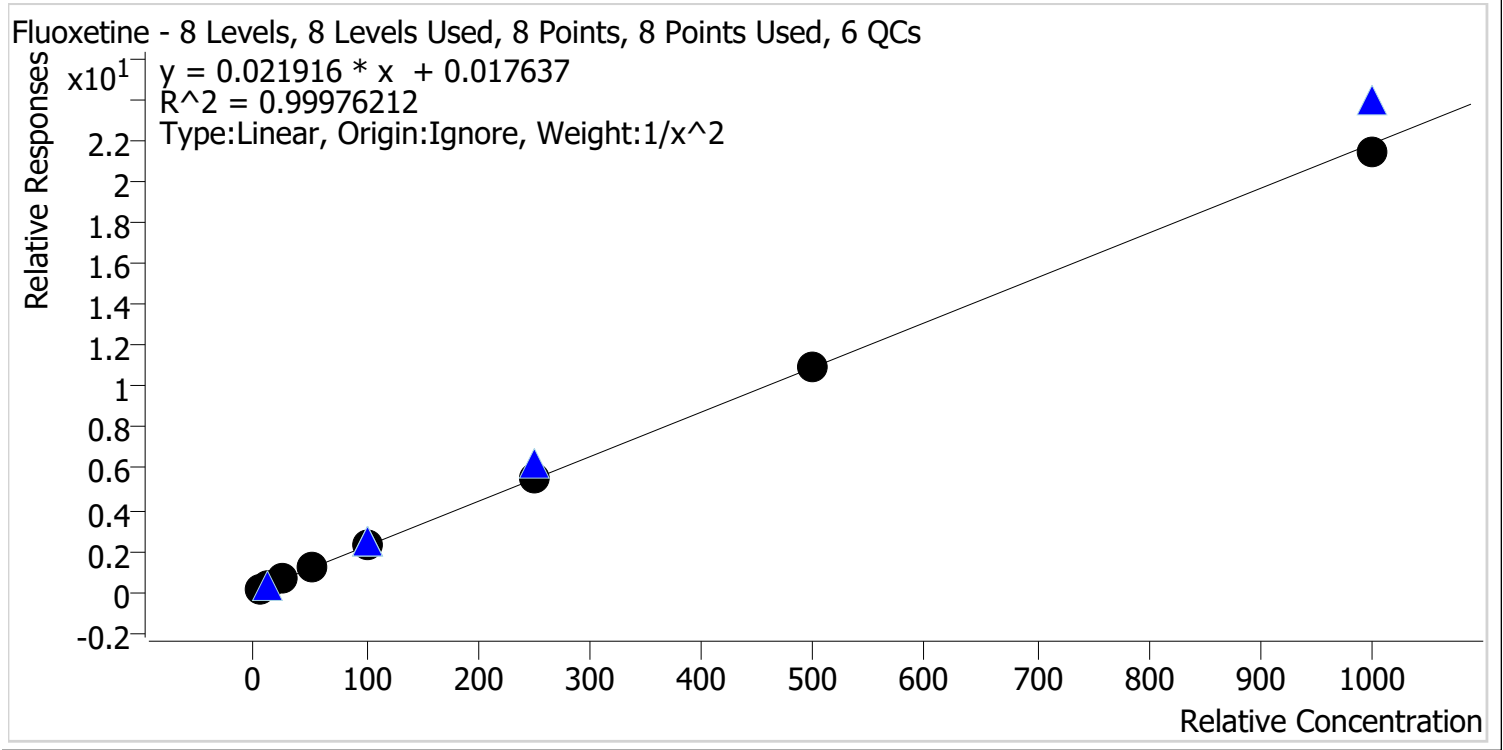
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.7
p1 Cal 2-10ng	2	✓	1.0	1.0	100.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	5.0	99.9
p1 Cal 5-100ng	5	✓	10.0	9.9	99.4
p1 Cal 6-250ng	6	✓	25.0	24.9	99.4
p1 Cal 7-500ng	7	✓	50.0	51.4	102.7
p1 Cal 8-1000ng	8	✓	100.0	101.7	101.7

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	984.4	98.4

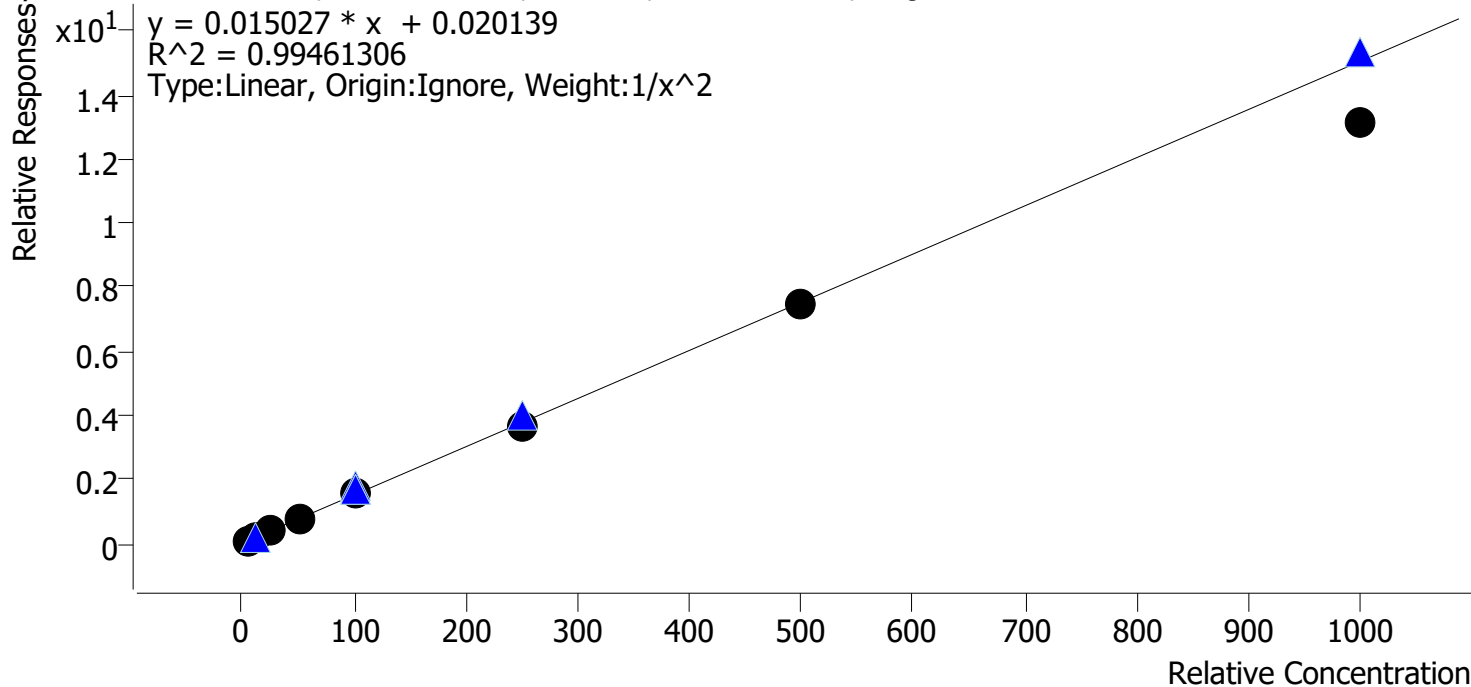
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

Hydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	873.9	87.4

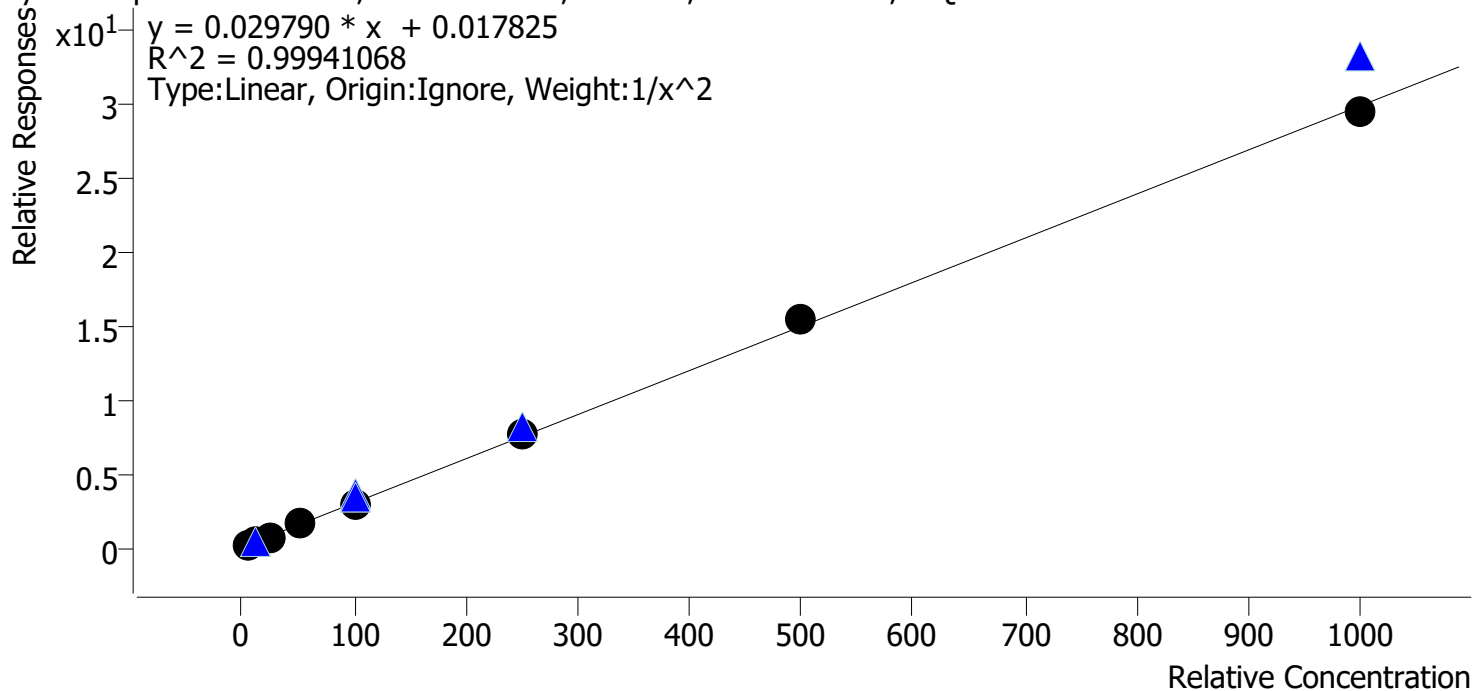
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



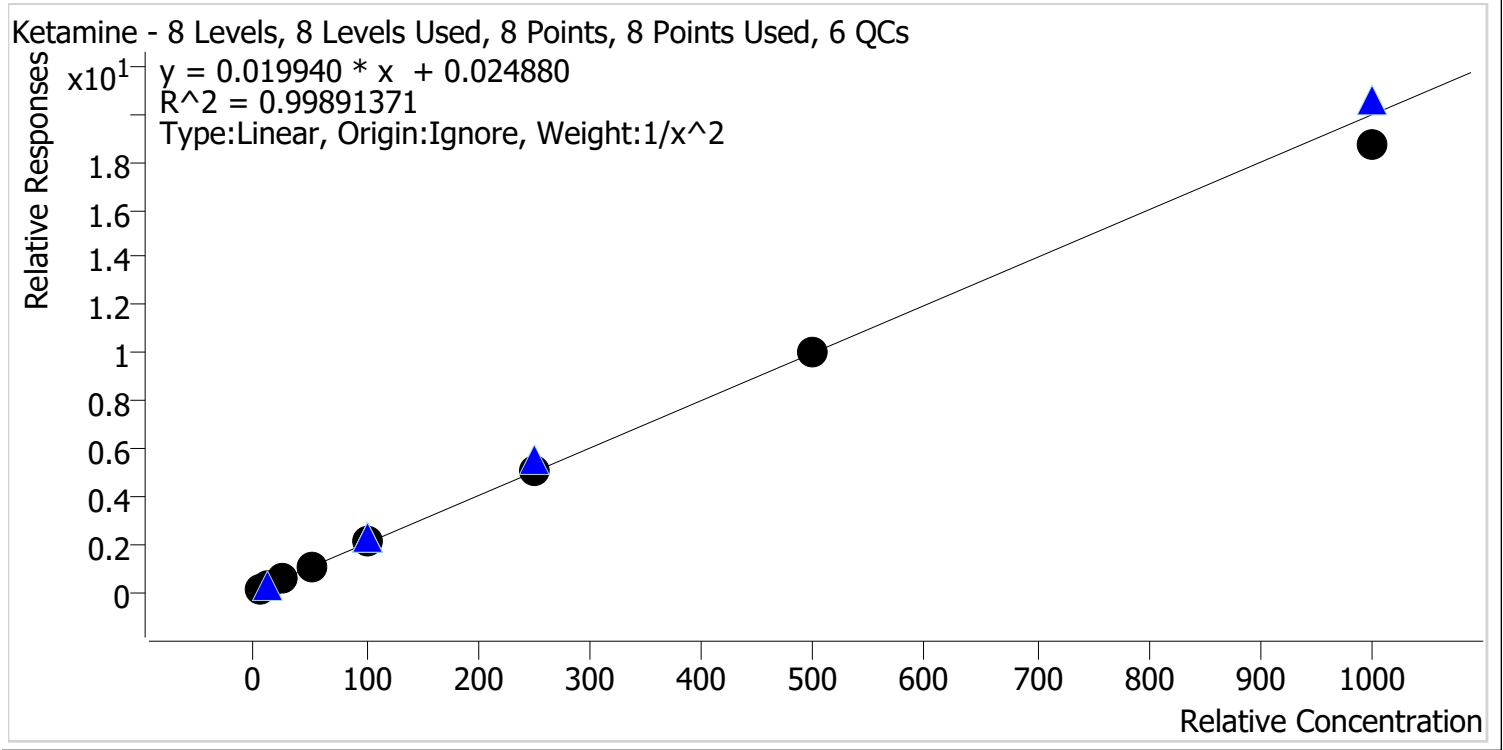
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	985.3	98.5

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Ketamine **Internal Standard** Ketamine-D4



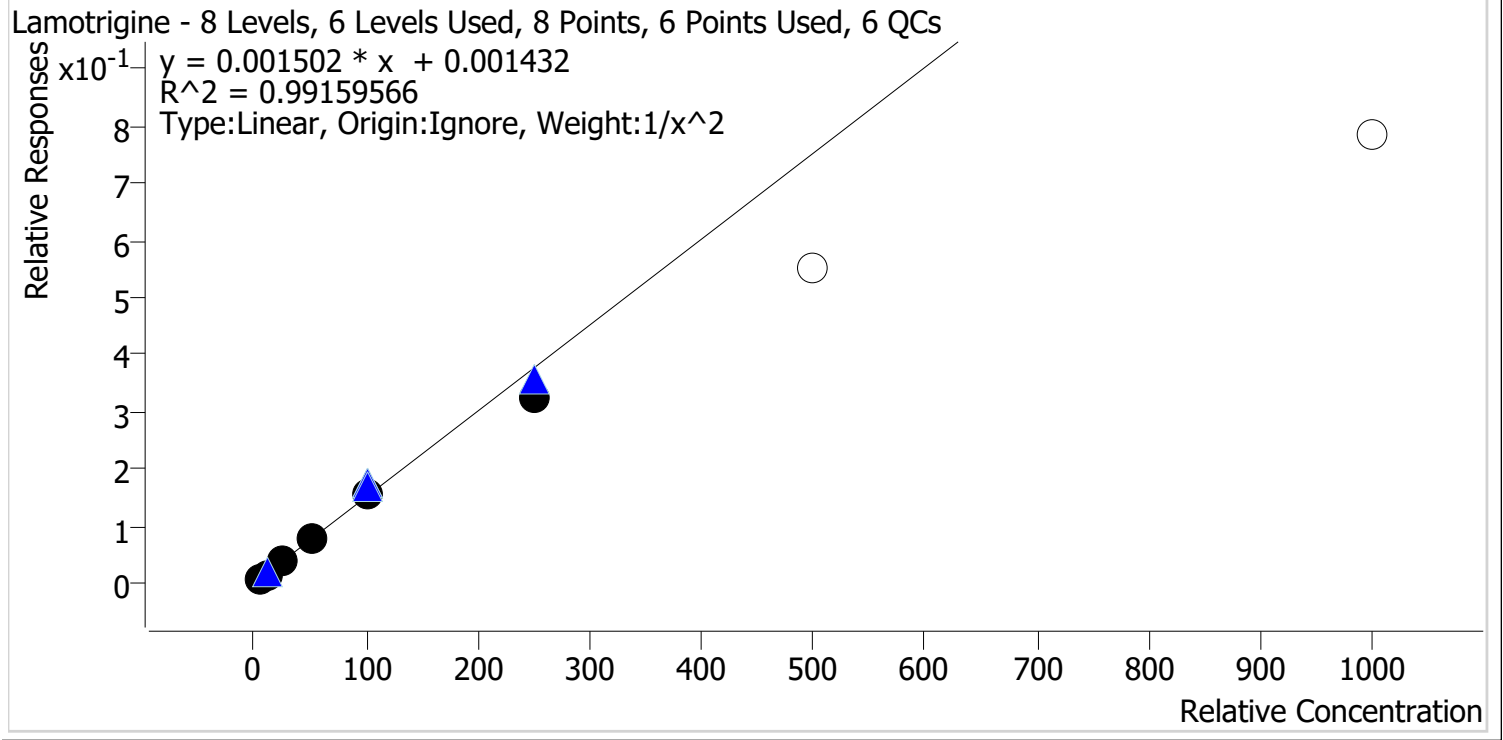
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	936.8	93.7

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	215.9	86.3
p1 Cal 7-500ng	7	x	500.0	368.3	73.7
p1 Cal 8-1000ng	8	x	1000.0	522.2	52.2

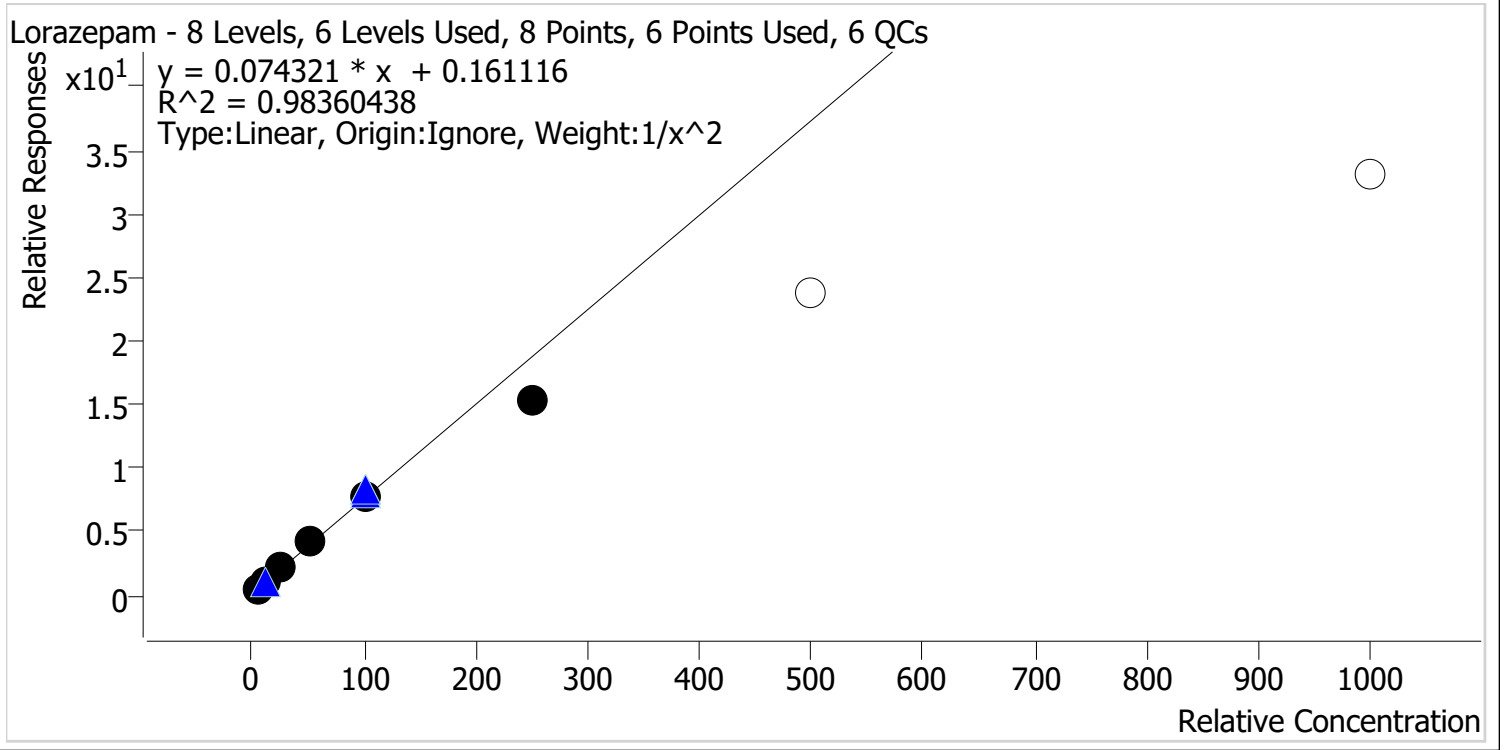
Cal 7 and 8 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	202.9	81.2
p1 Cal 7-500ng	7	x	500.0	316.8	63.4
p1 Cal 8-1000ng	8	x	1000.0	444.2	44.4

Cal 7 and 8 dropped due to accuracy

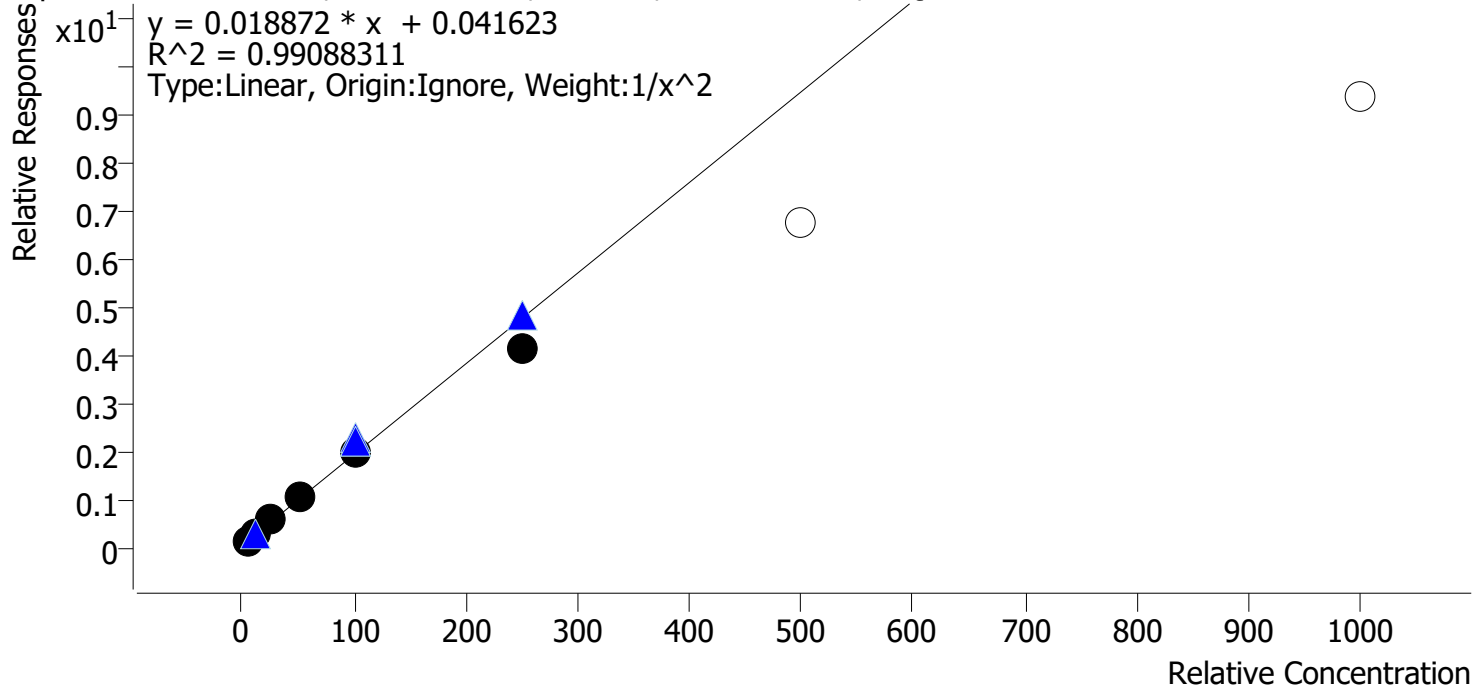
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	216.1	86.4
p1 Cal 7-500ng	7	x	500.0	356.2	71.2
p1 Cal 8-1000ng	8	x	1000.0	495.7	49.6

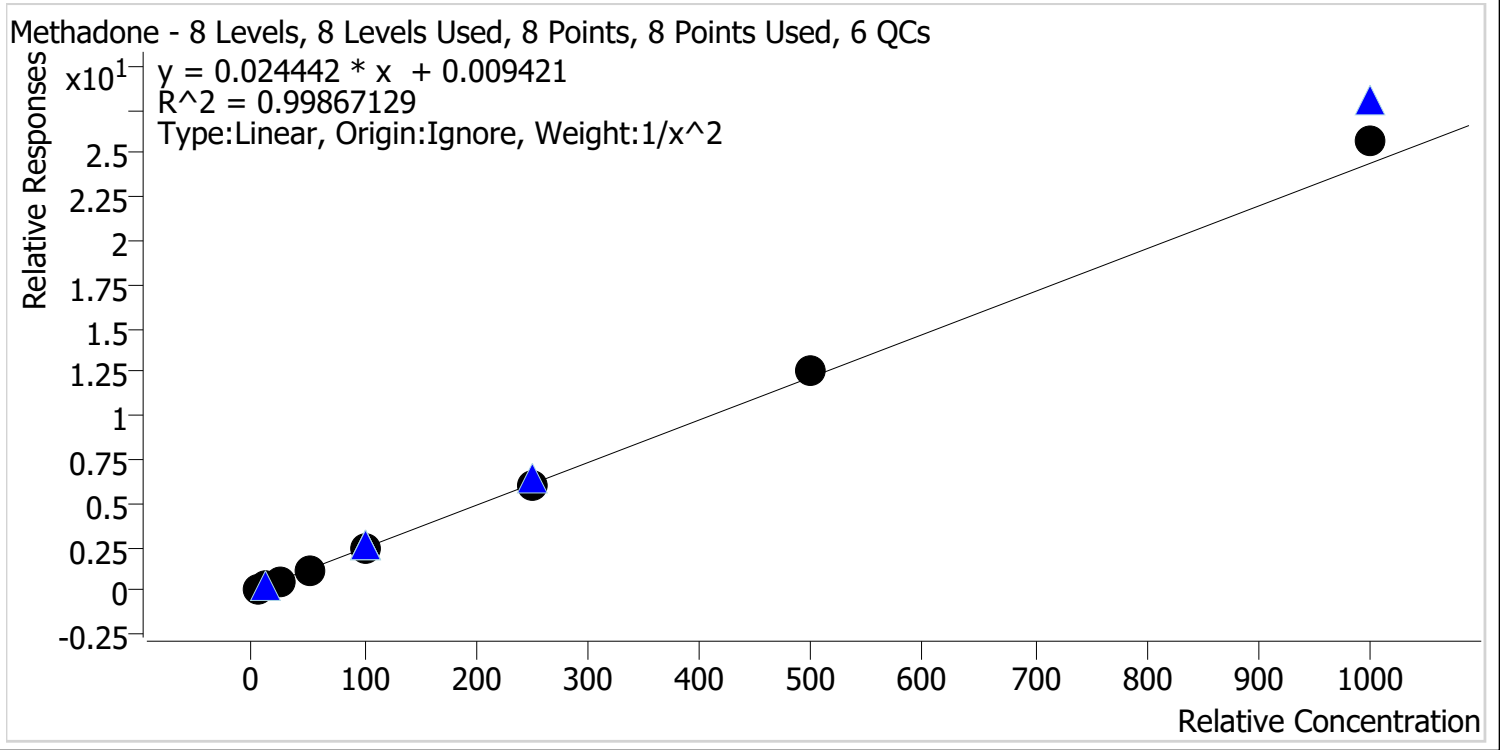
Cal 7 and 8 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Methadone **Internal Standard** Methadone-D9



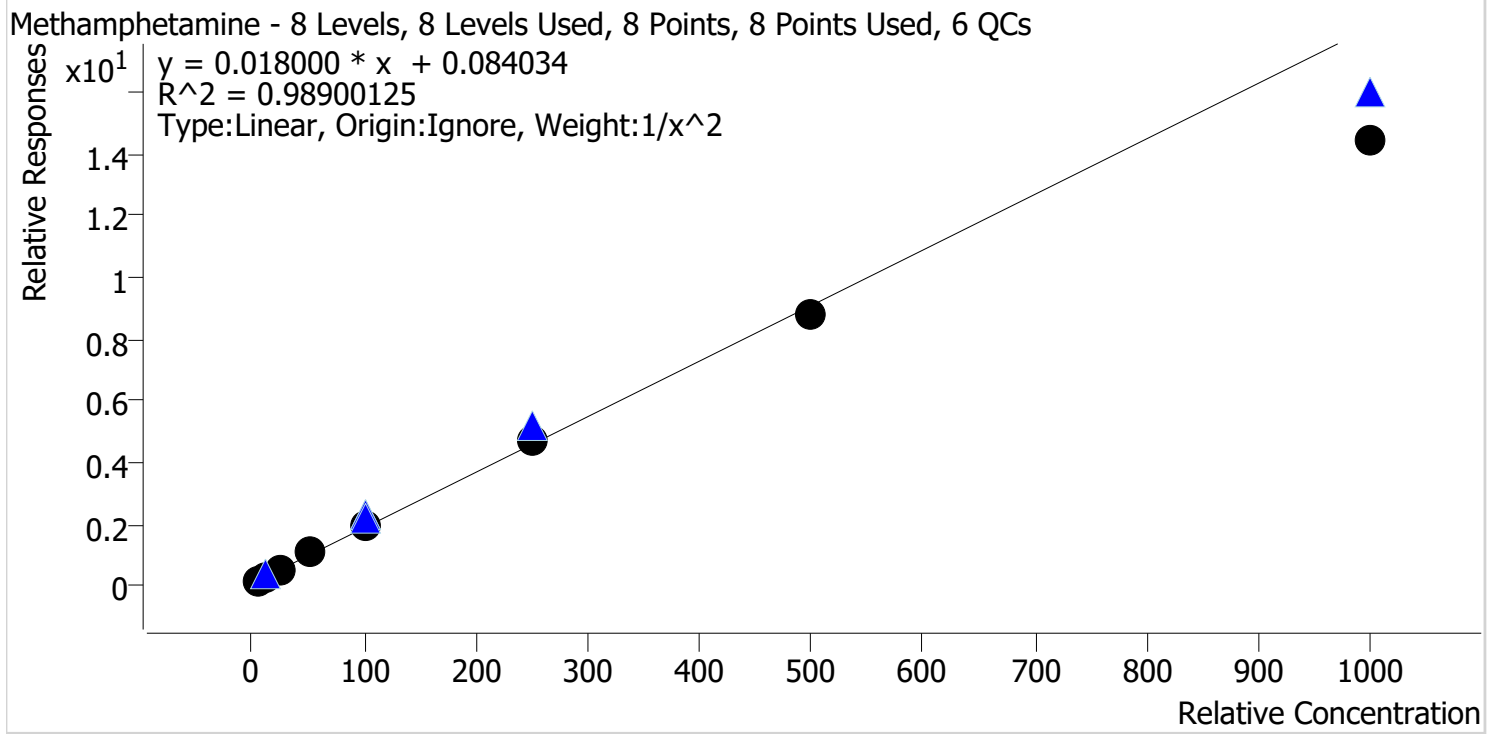
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	516.0	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1051.4	105.1

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



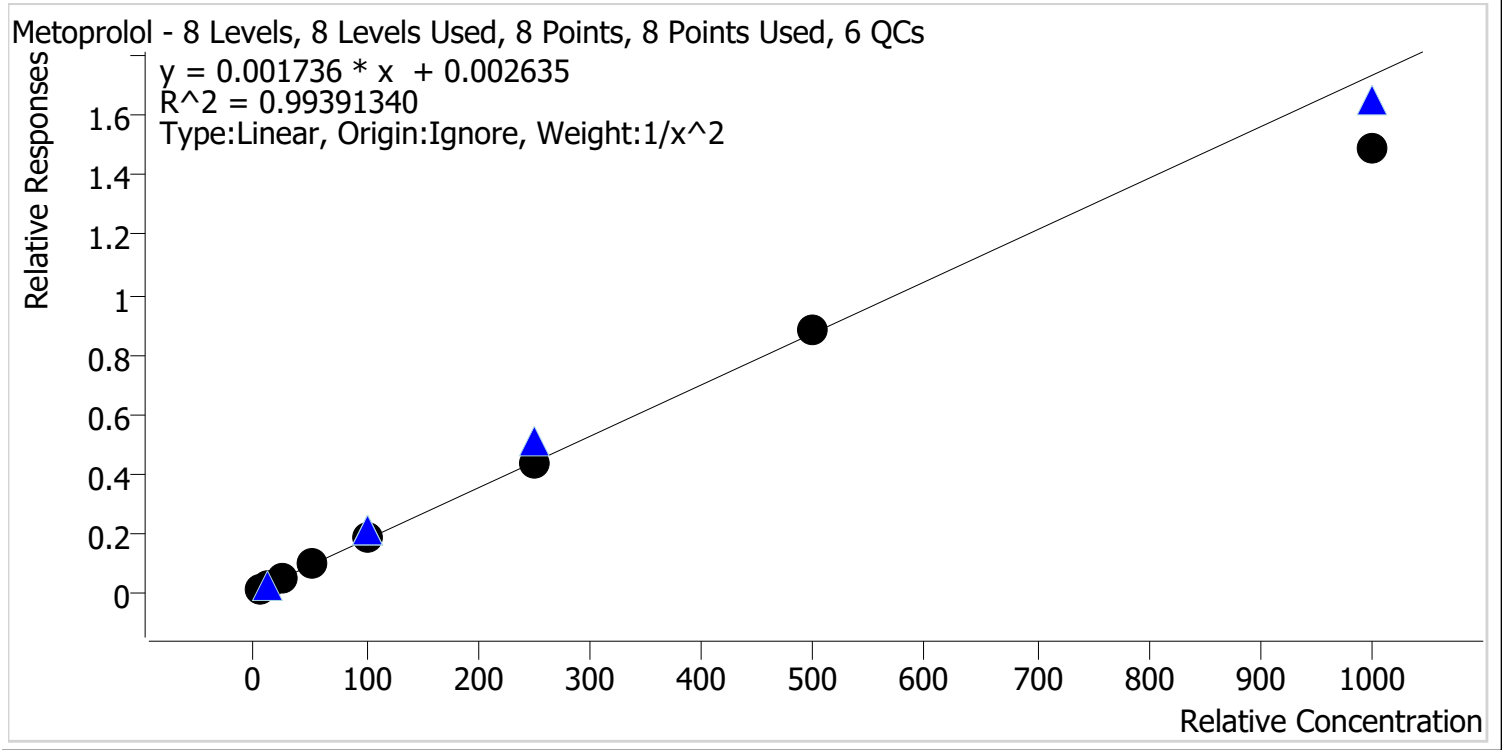
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
p1 Cal 7-500ng	7	✓	500.0	483.6	96.7
p1 Cal 8-1000ng	8	✓	1000.0	800.2	80.0

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



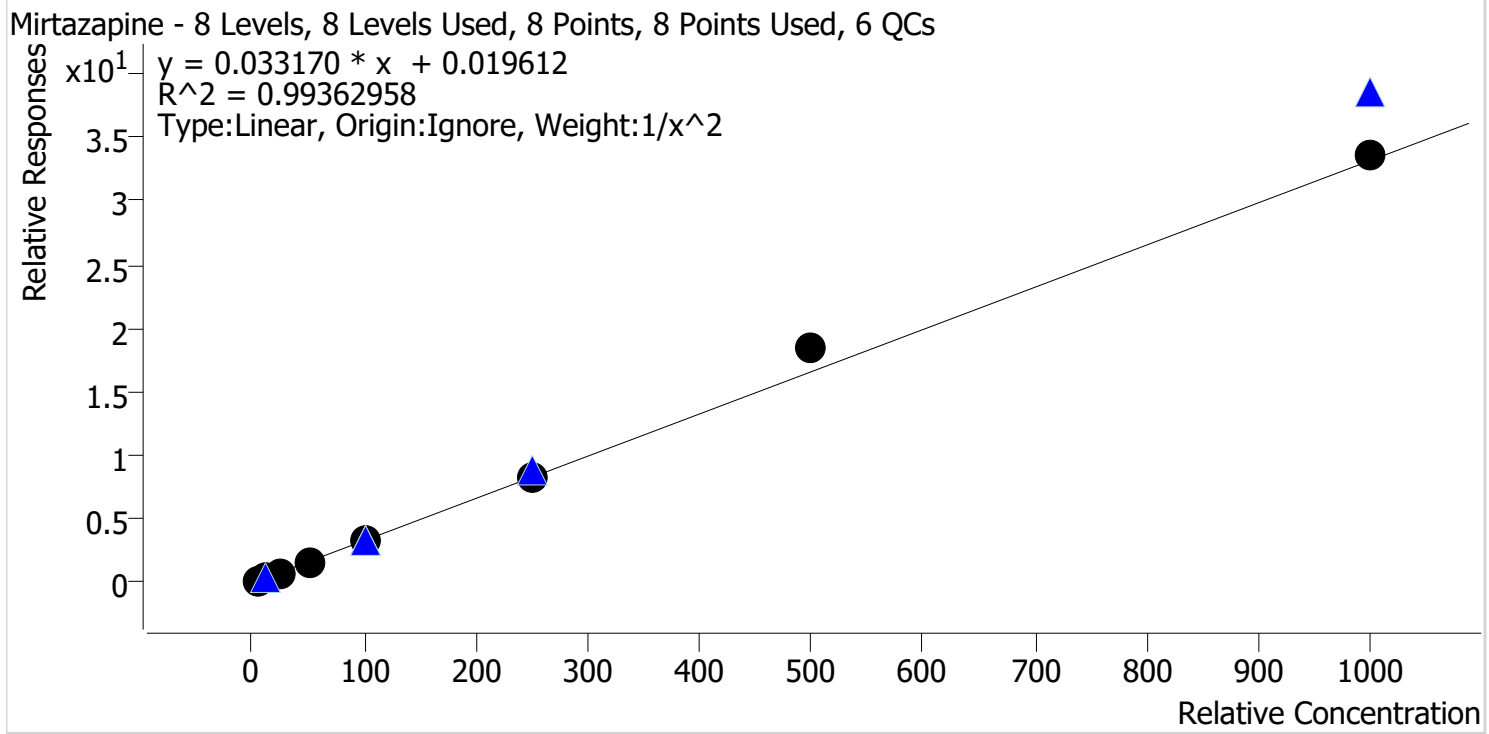
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	857.4	85.7

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



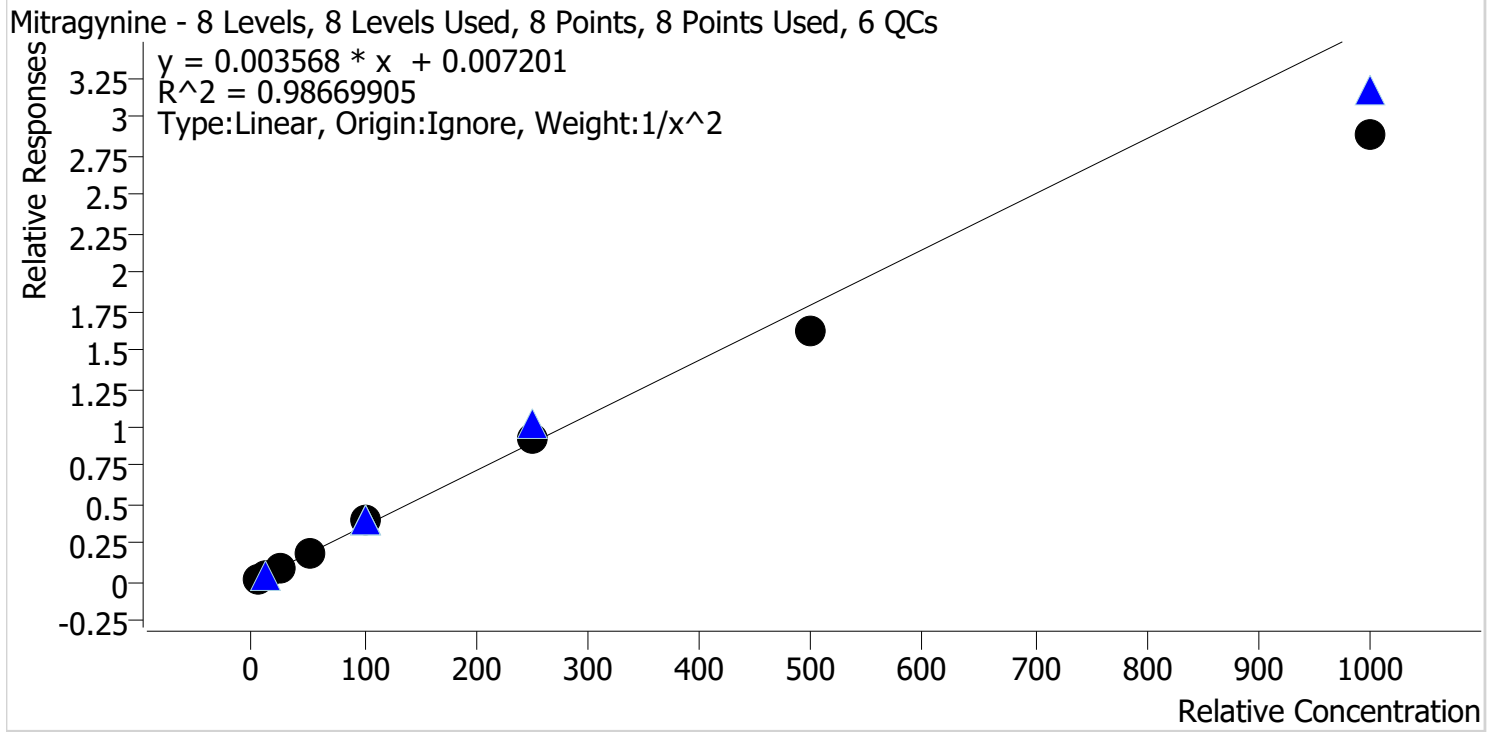
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	21.4	85.7
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	555.0	111.0
p1 Cal 8-1000ng	8	✓	1000.0	1017.1	101.7

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Mitragynine **Internal Standard** Methadone-D9



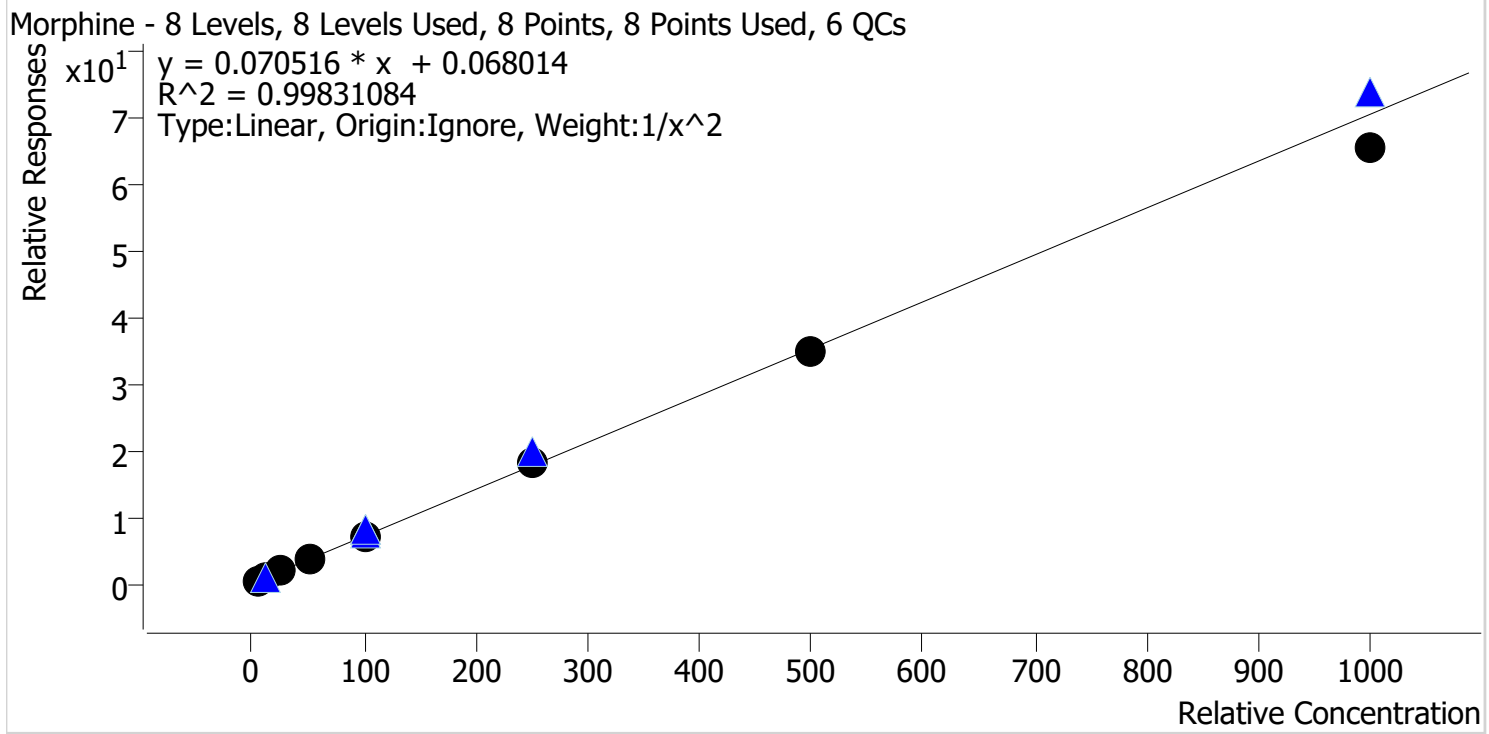
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	110.3	110.3
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	455.4	91.1
p1 Cal 8-1000ng	8	✓	1000.0	808.0	80.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	491.0	98.2
p1 Cal 8-1000ng	8	✓	1000.0	928.7	92.9

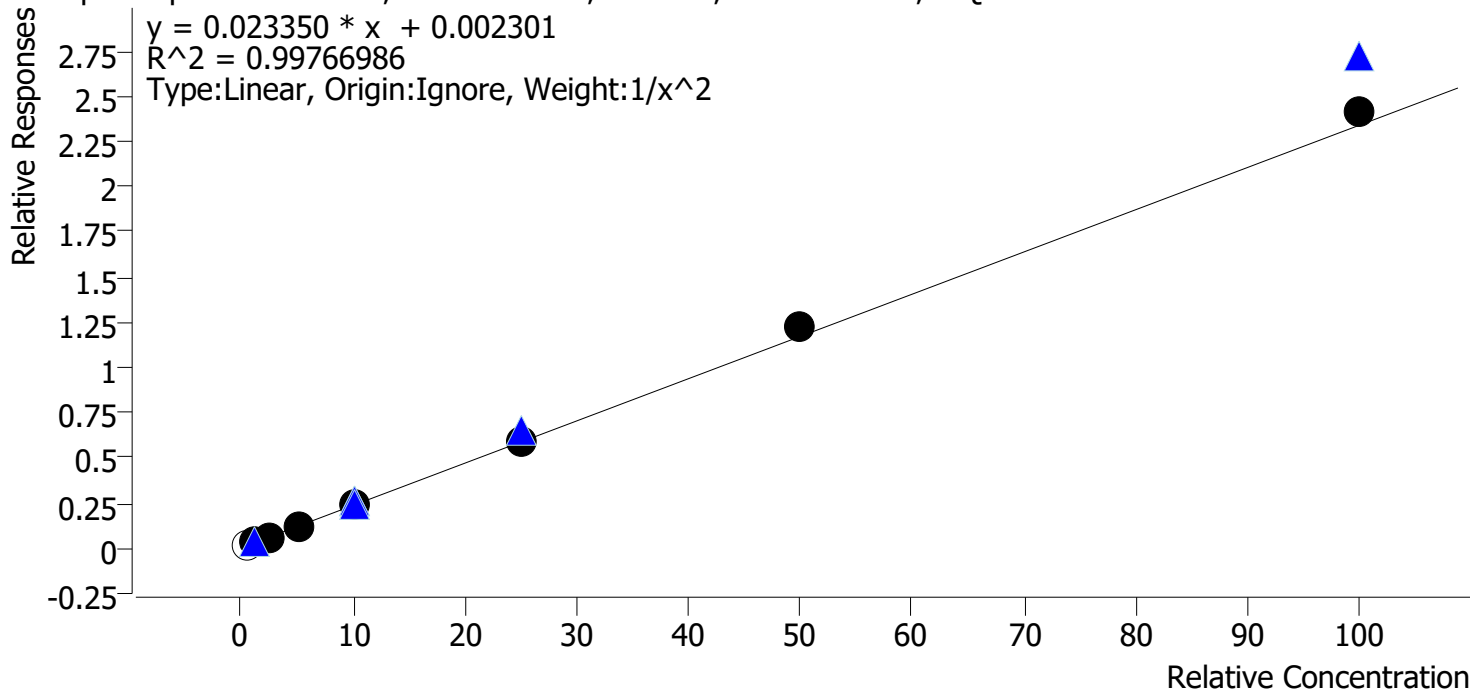
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	136.5
p1 Cal 2-10ng	2	✓	1.0	1.0	103.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.7	94.3
p1 Cal 5-100ng	5	✓	10.0	9.9	99.0
p1 Cal 6-250ng	6	✓	25.0	24.9	99.8
p1 Cal 7-500ng	7	✓	50.0	52.6	105.2
p1 Cal 8-1000ng	8	✓	100.0	103.5	103.5

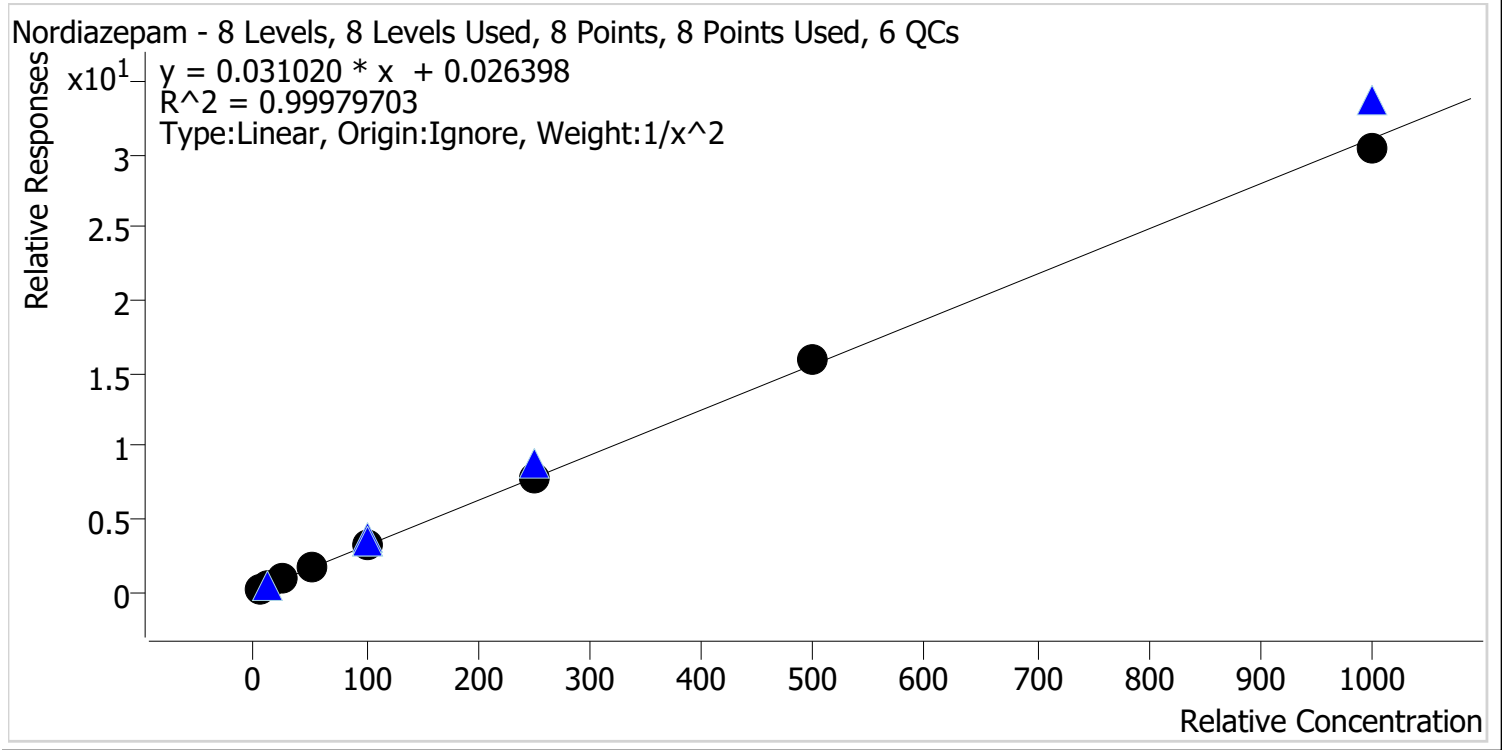
Cal 1 dropped due to S/N

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Nordiazepam Internal Standard Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	978.1	97.8

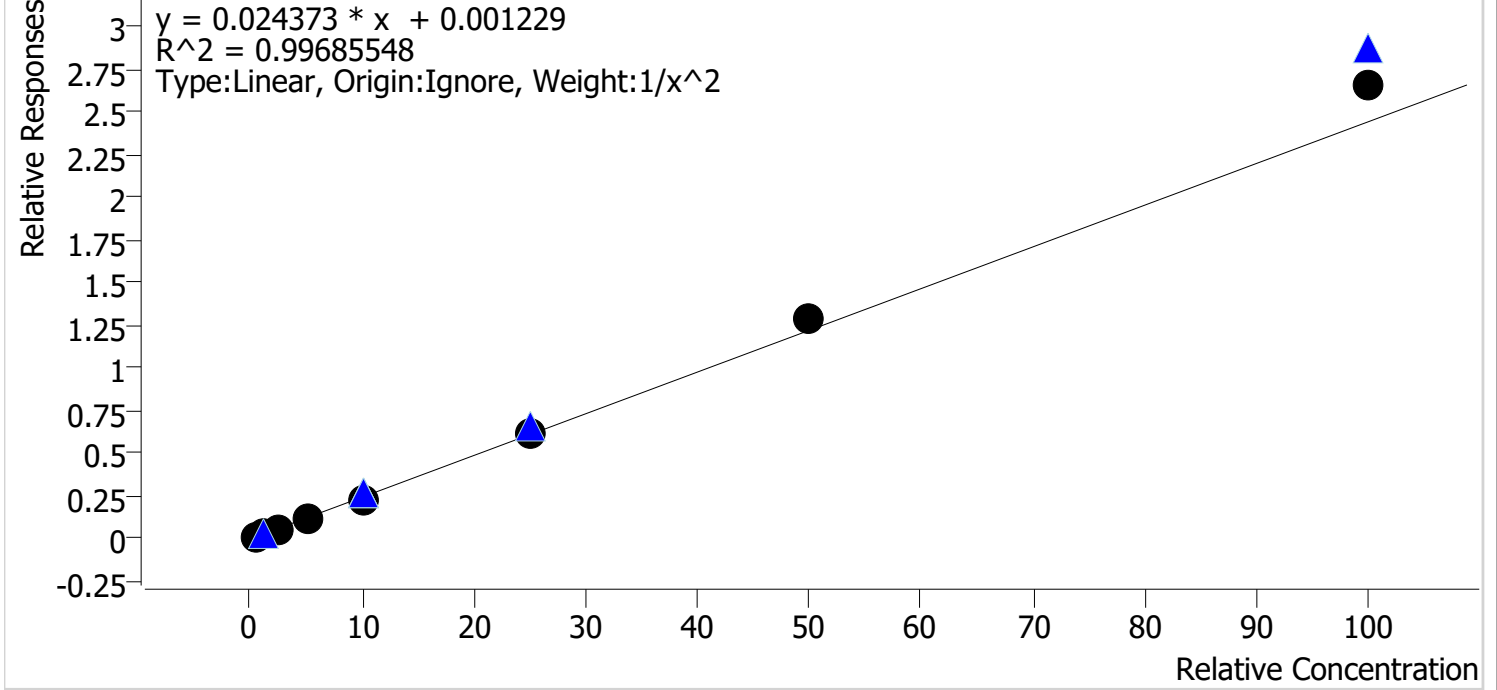
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Norfentanyl Internal Standard Norfentanyl-D5

Norfentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng	2	✓	1.0	1.0	97.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.0
p1 Cal 4-50ng	4	✓	5.0	4.8	96.1
p1 Cal 5-100ng	5	✓	10.0	9.5	95.2
p1 Cal 6-250ng	6	✓	25.0	24.8	99.3
p1 Cal 7-500ng	7	✓	50.0	52.5	105.0
p1 Cal 8-1000ng	8	✓	100.0	108.5	108.5

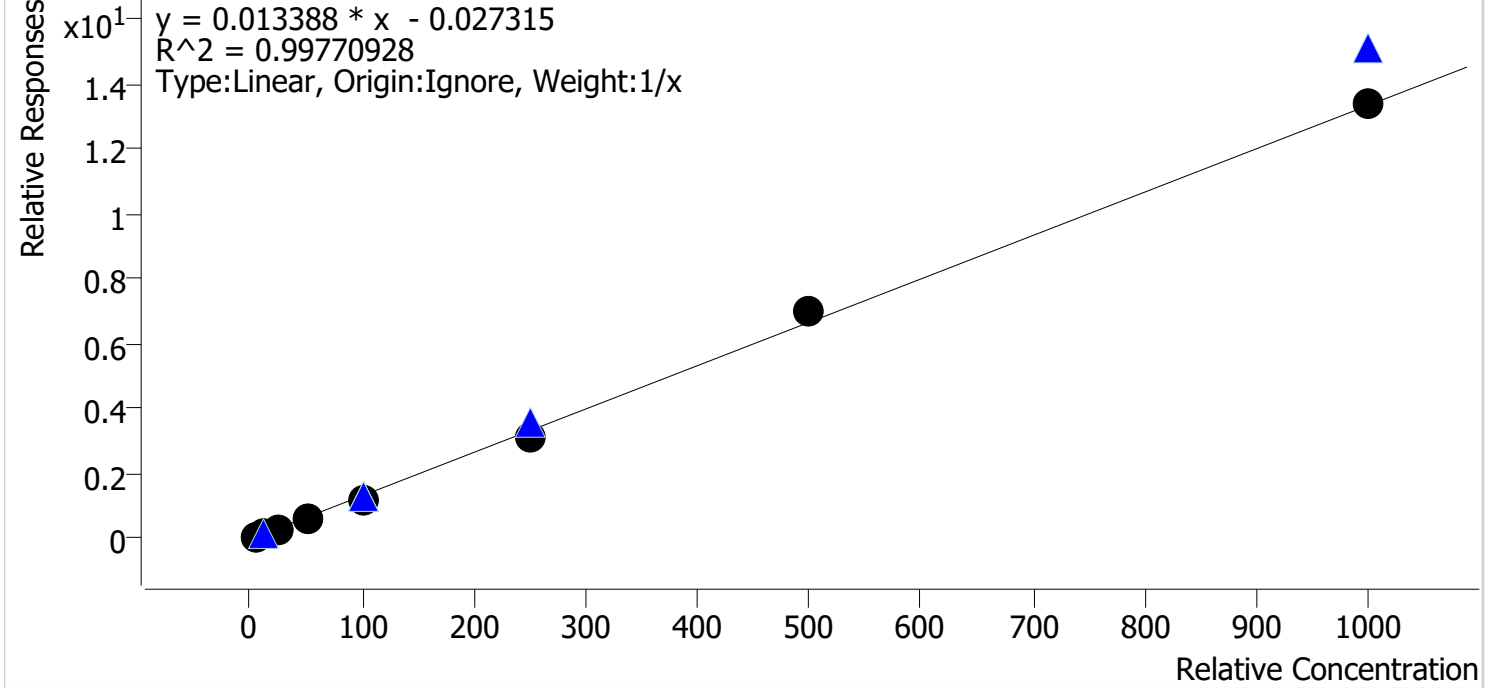
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



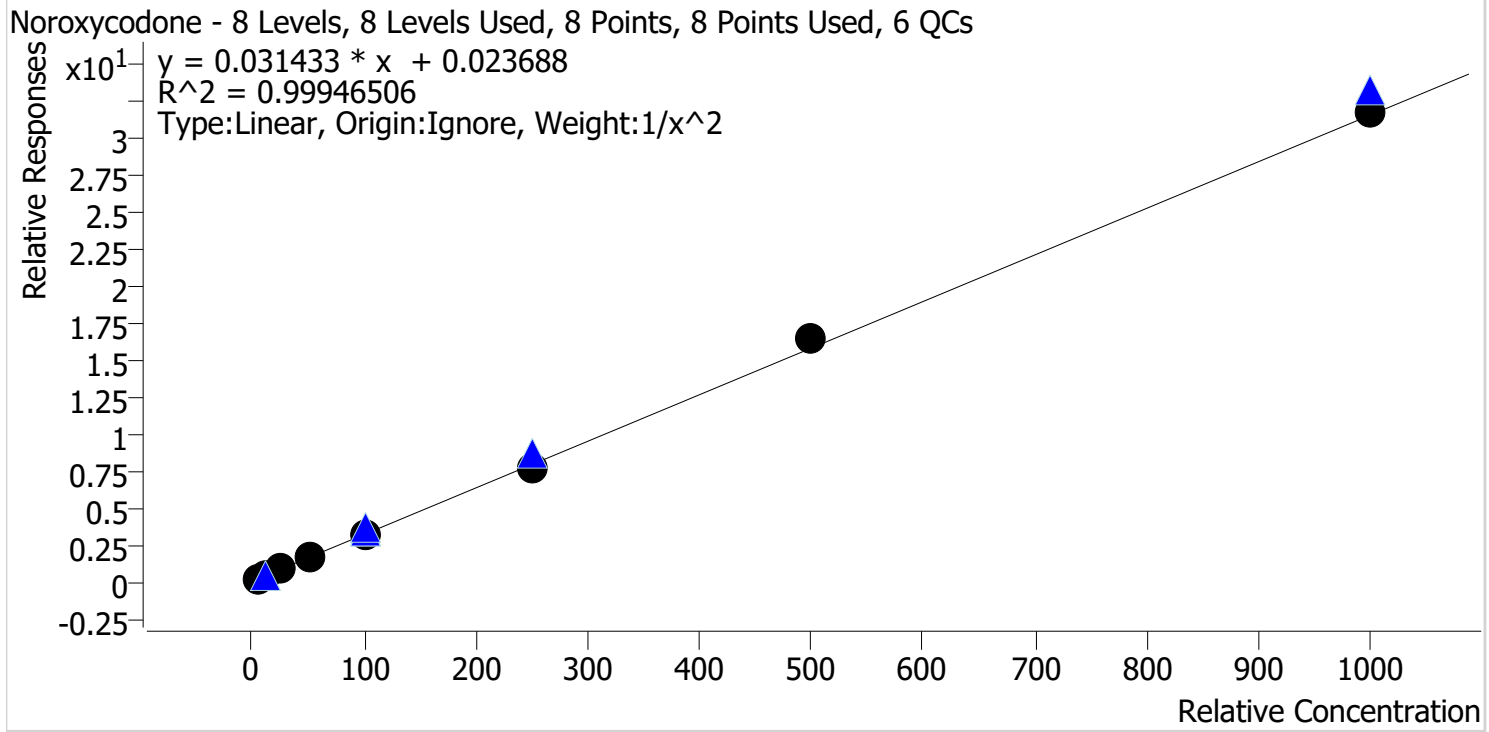
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.4
p1 Cal 2-10ng	2	✓	10.0	11.0	110.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	44.1	88.2
p1 Cal 5-100ng	5	✓	100.0	90.2	90.2
p1 Cal 6-250ng	6	✓	250.0	235.4	94.2
p1 Cal 7-500ng	7	✓	500.0	526.3	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1002.1	100.2

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



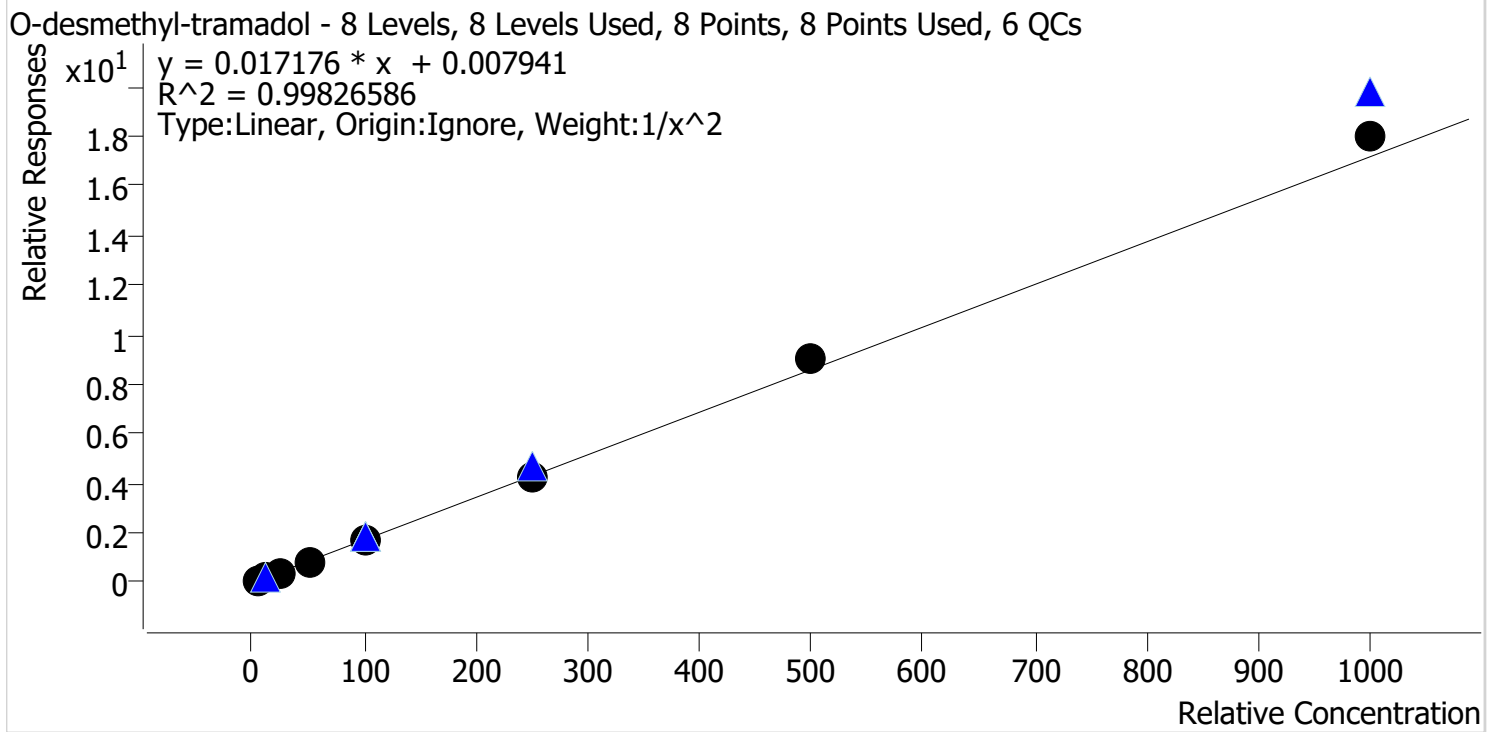
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1007.5	100.8

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	525.3	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1046.3	104.6

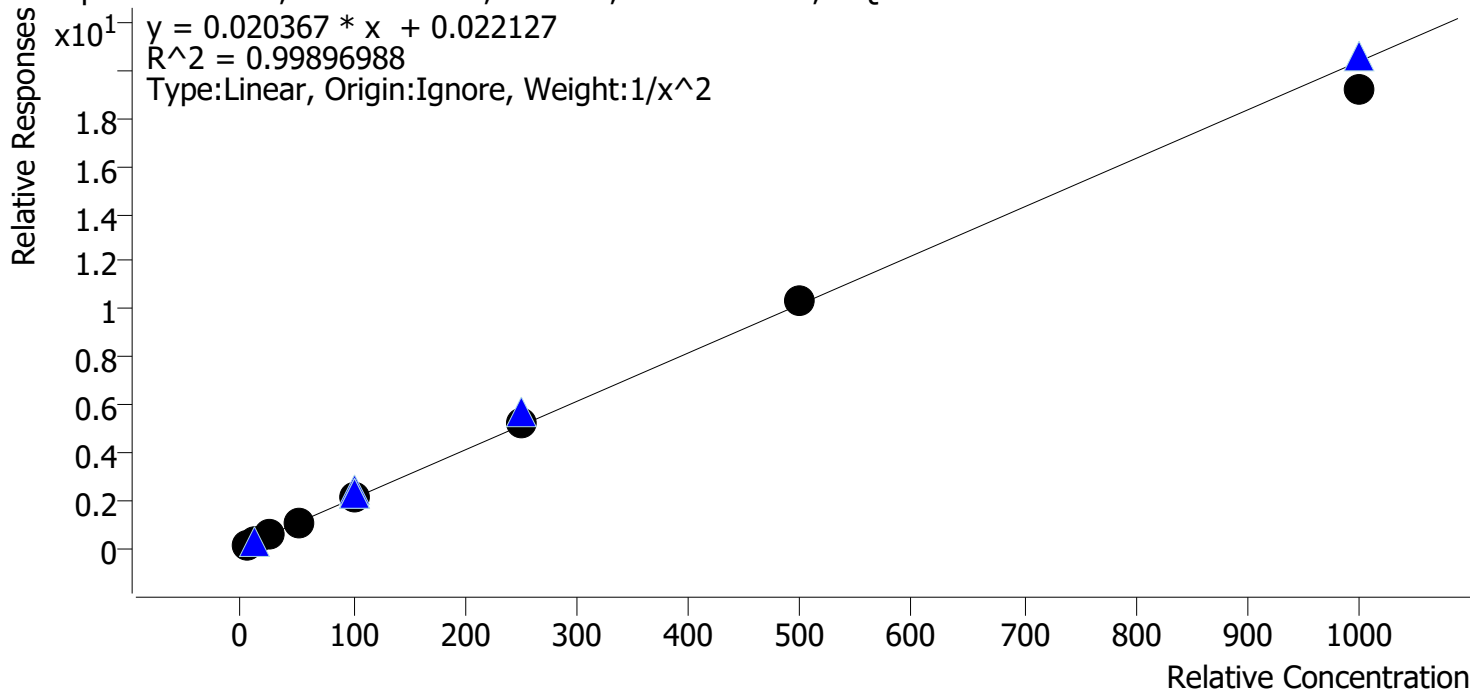
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	505.4	101.1
p1 Cal 8-1000ng	8	✓	1000.0	940.7	94.1

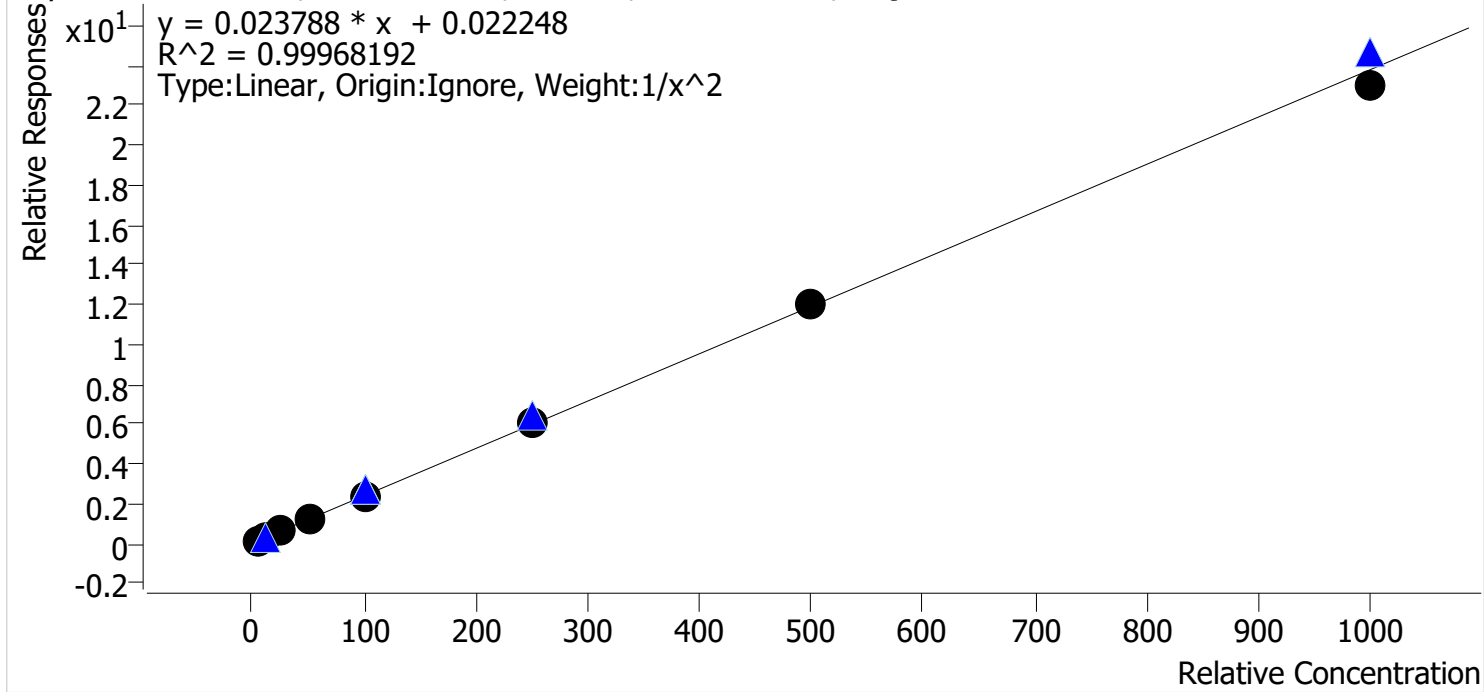
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Oxycodone **Internal Standard** Oxycodone-D6

Oxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
p1 Cal 8-1000ng	8	✓	1000.0	965.8	96.6

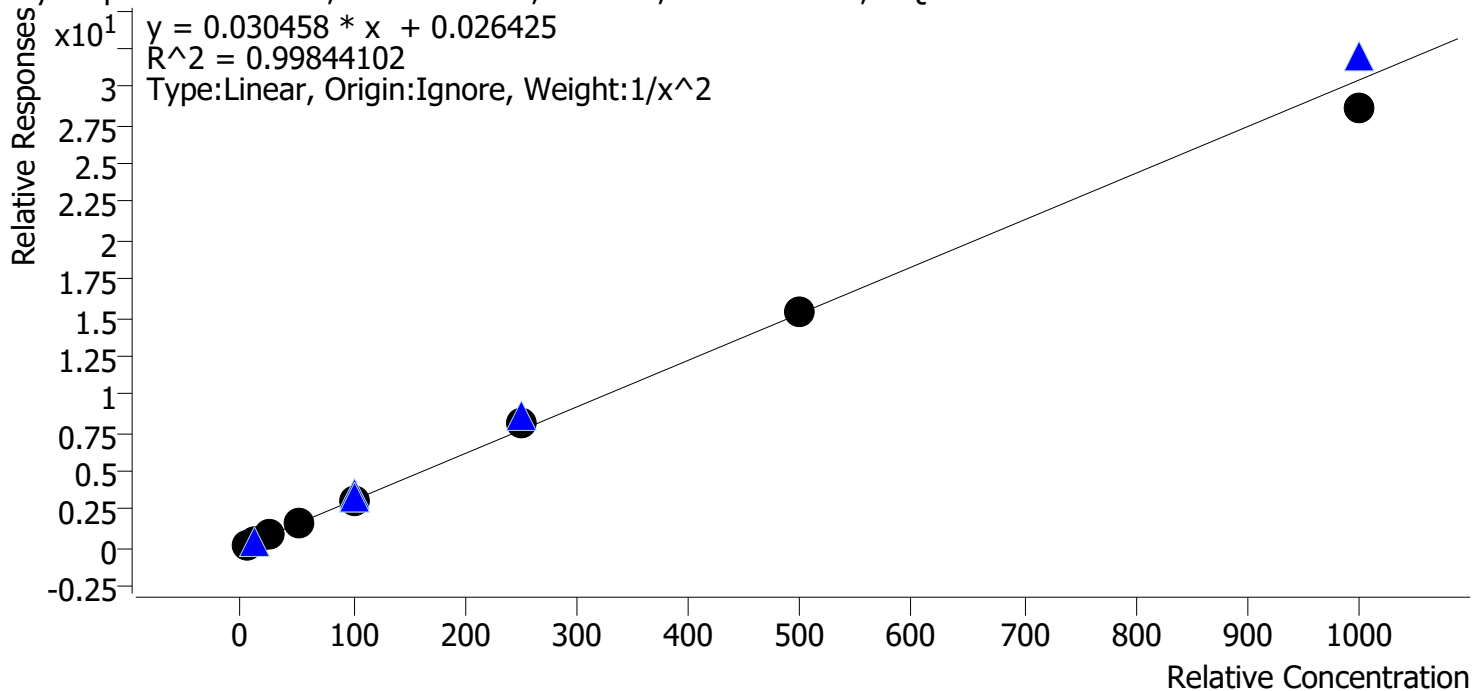
AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



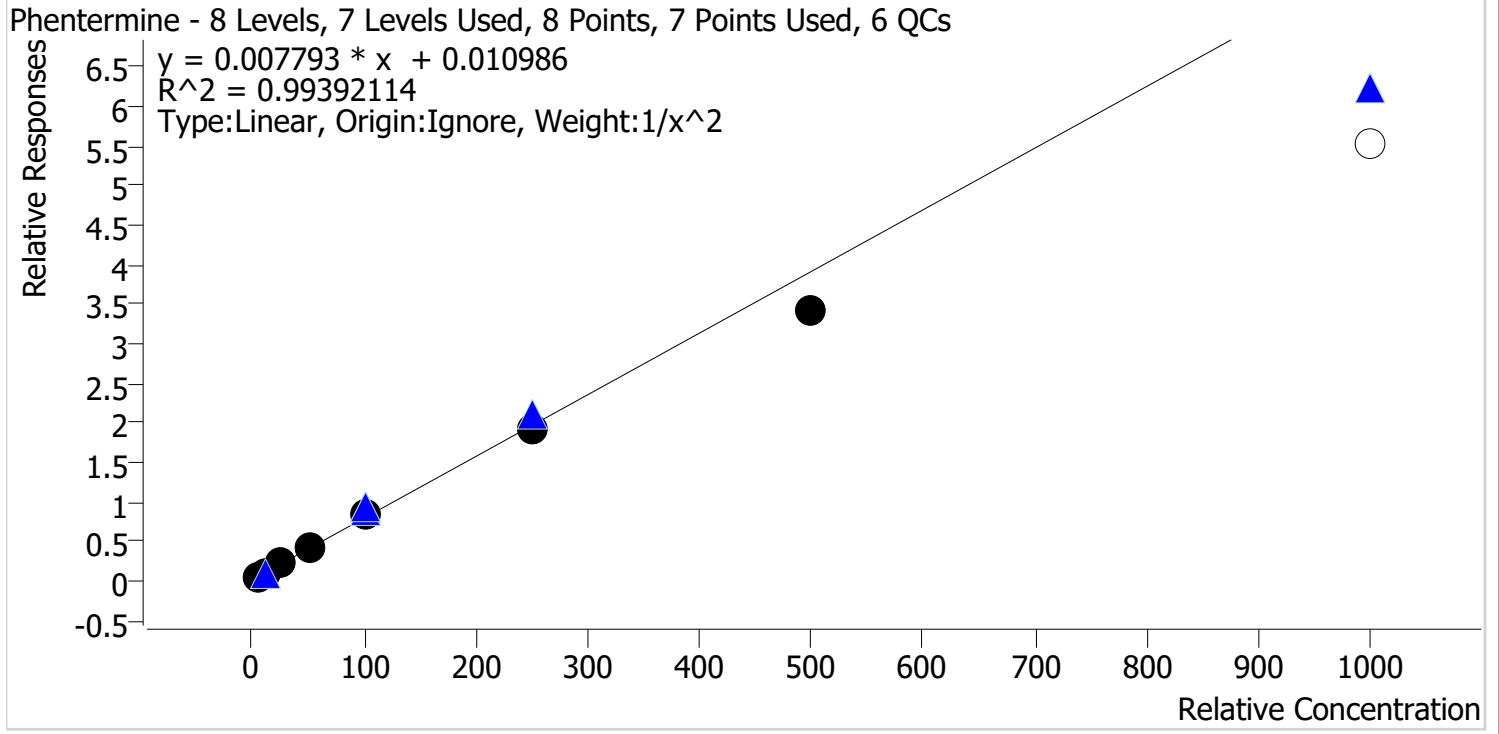
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	263.1	105.3
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	943.4	94.3

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	438.6	87.7
p1 Cal 8-1000ng	8	x	1000.0	708.8	70.9

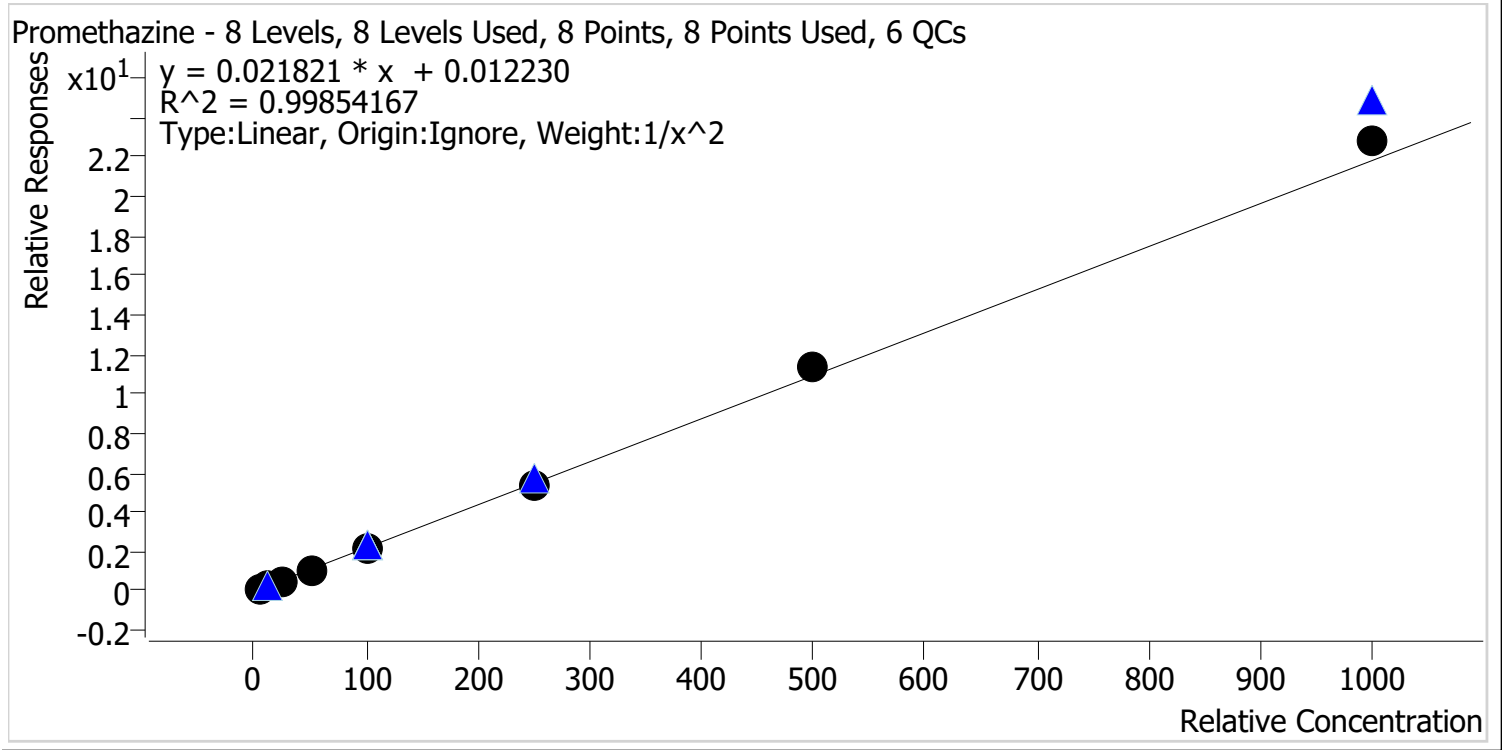
Cal 8 dropped due to accuracy

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Promethazine **Internal Standard** Promethazine-D3



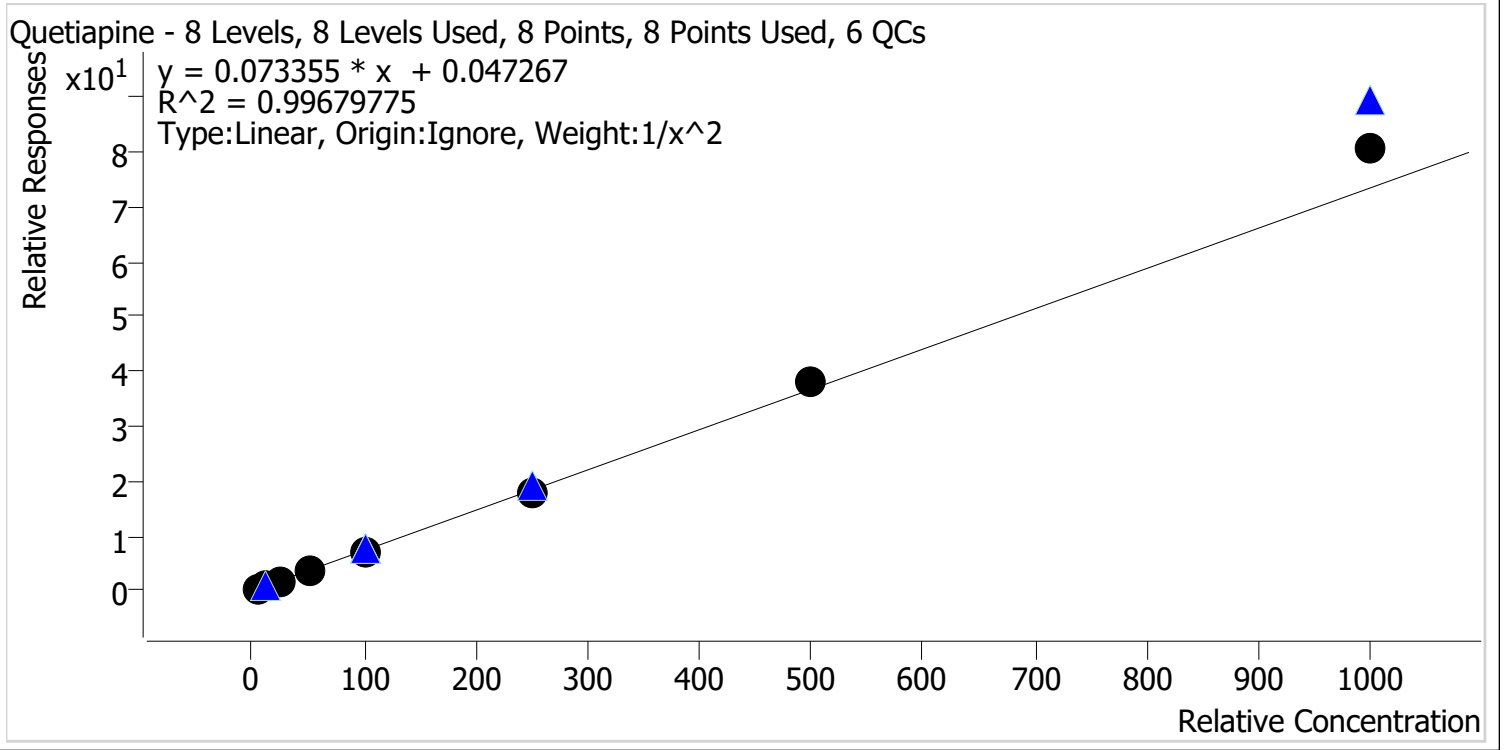
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	523.6	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1042.3	104.2

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Quetiapine **Internal Standard** Quetiapine-D8



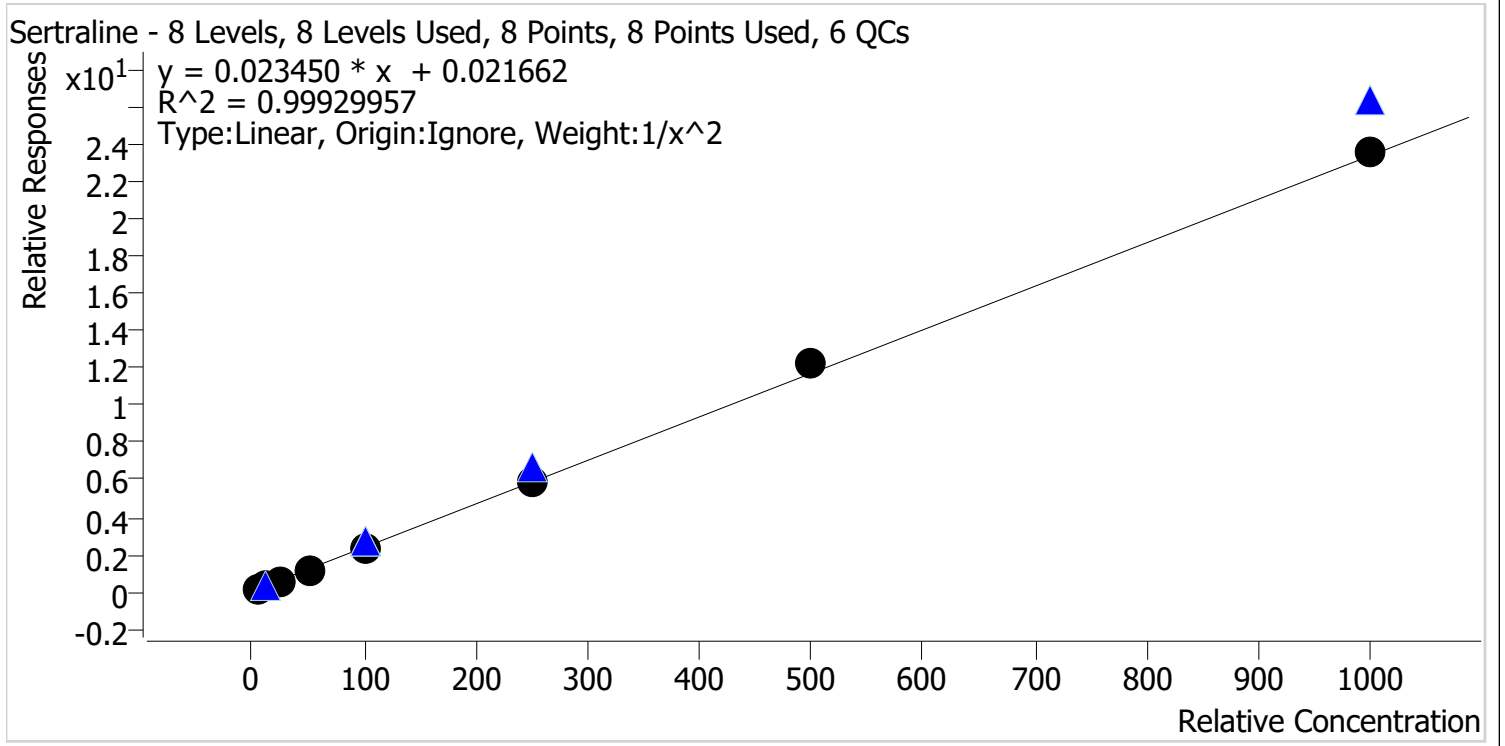
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	518.2	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1095.1	109.5

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Sertraline **Internal Standard** Sertraline-D3



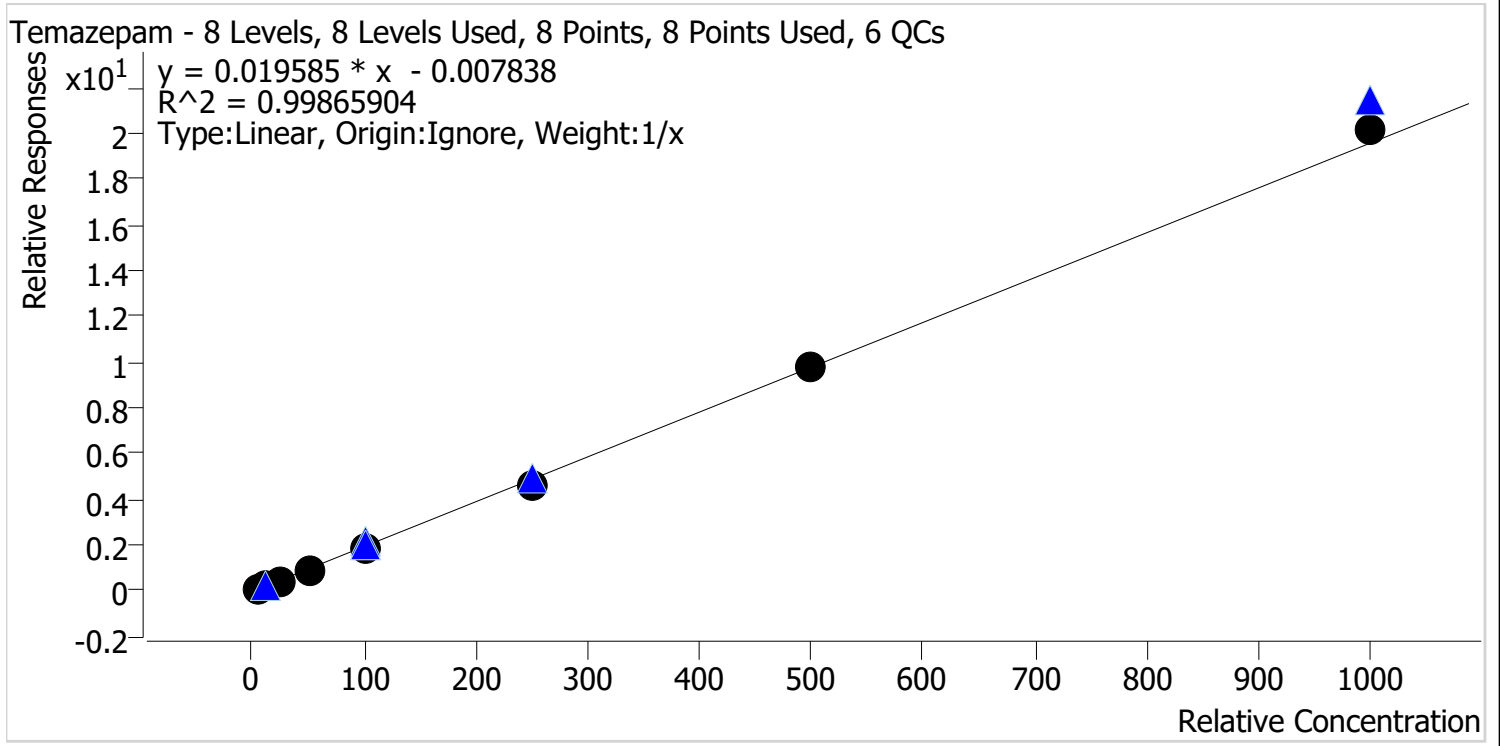
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.2	101.1

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Temazepam **Internal Standard** Temazepam-D5



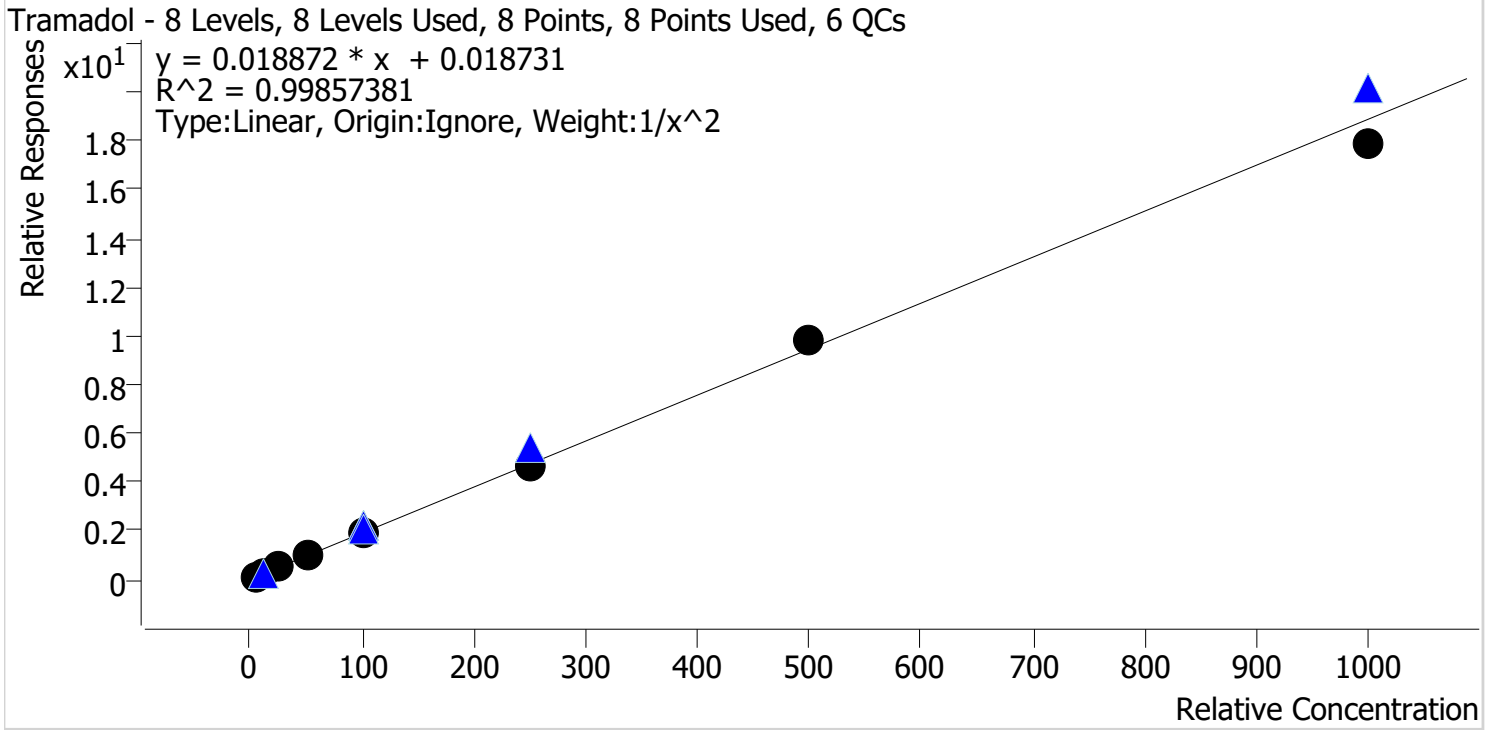
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	93.2	93.2
p1 Cal 6-250ng	6	✓	250.0	235.6	94.3
p1 Cal 7-500ng	7	✓	500.0	496.9	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1026.9	102.7

AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



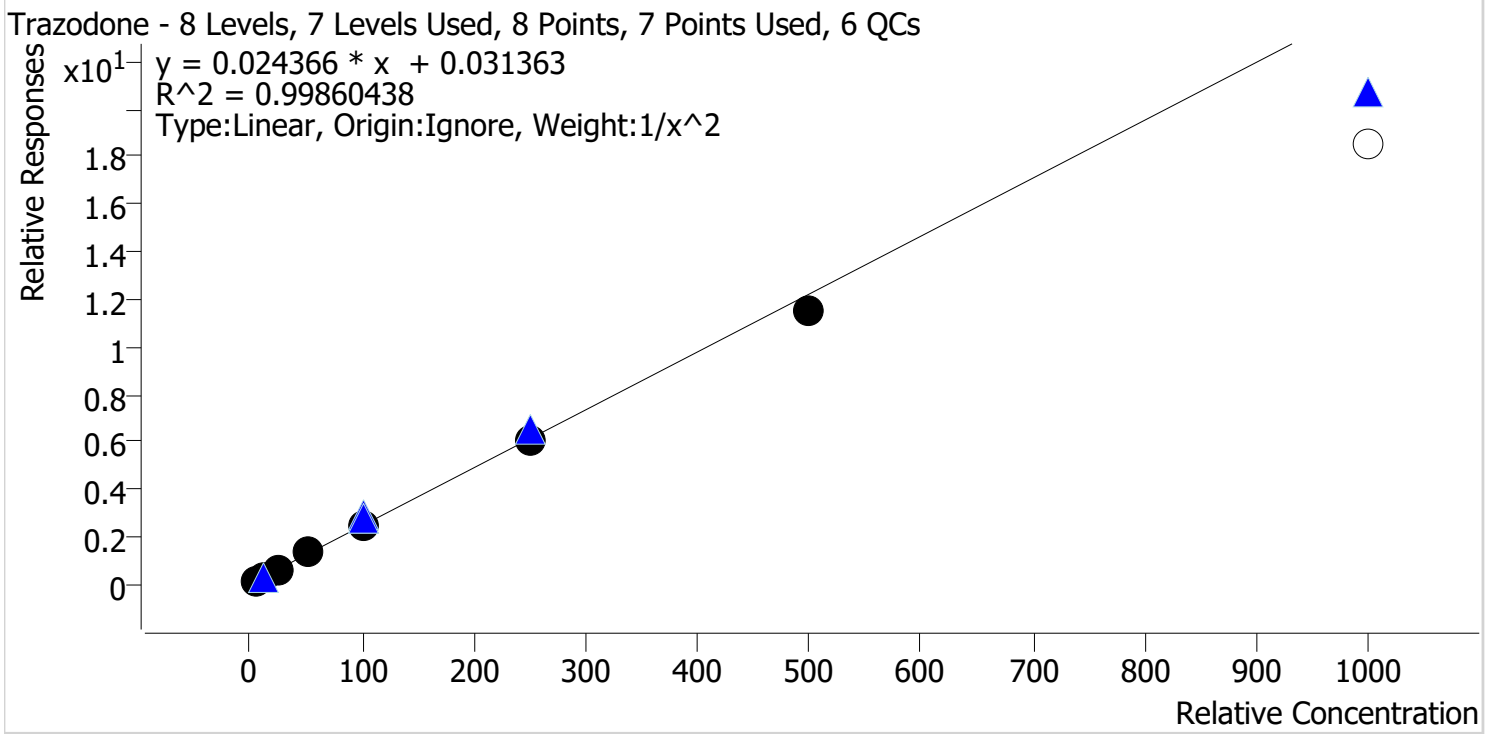
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	522.5	104.5
p1 Cal 8-1000ng	8	✓	1000.0	950.3	95.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	469.5	93.9
p1 Cal 8-1000ng	8	✗	1000.0	757.8	75.8

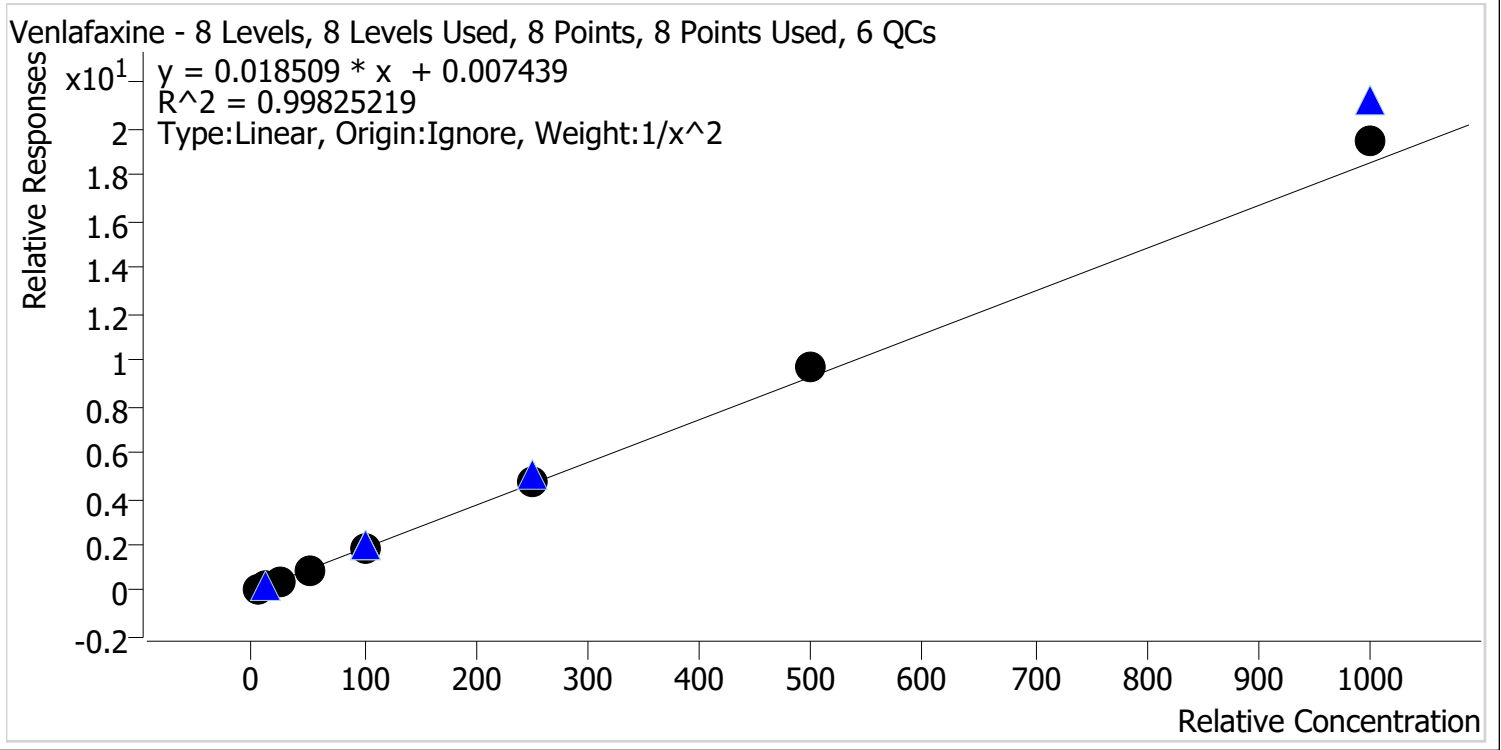
Cal 8 dropped due to accuracy

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



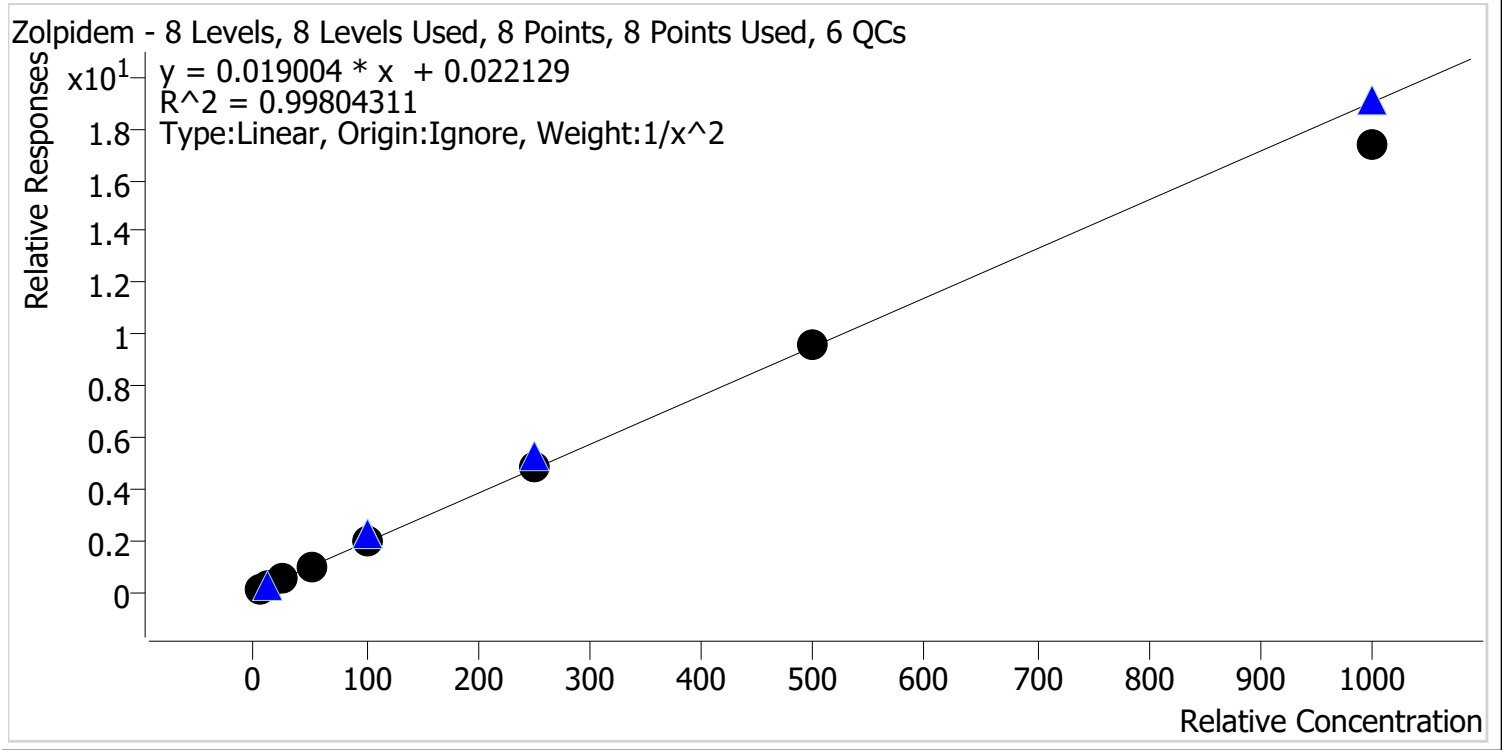
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	522.8	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1048.5	104.9

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results C:\Users\lagerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 9/23/2021 9:16 AM
Analyst Name ISP\lagerheart
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	910.6	91.1

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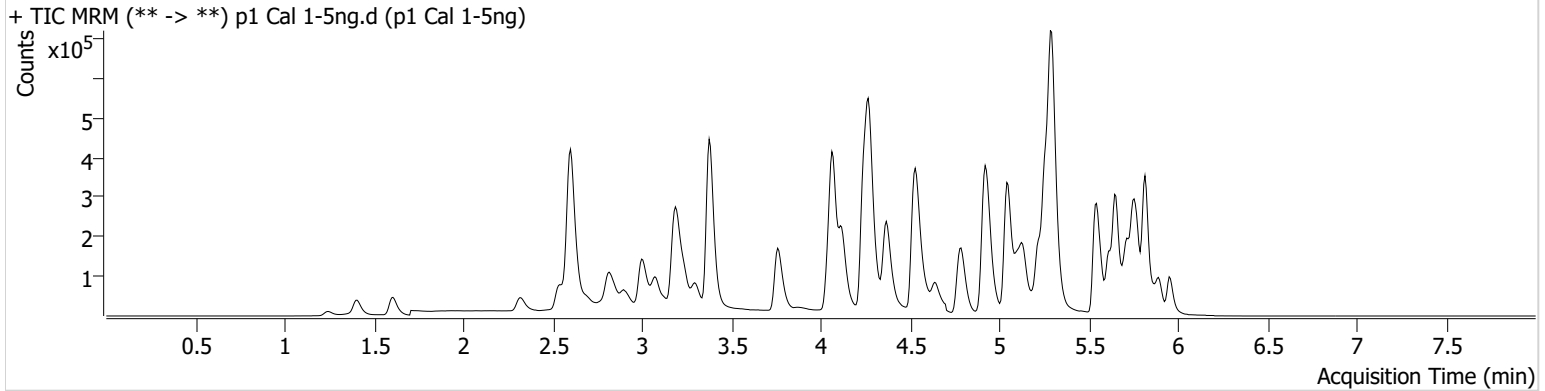


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 4:15:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	1448	749.58	68.6	215.83	47360	0.5203 ng/ml
7-aminoclonazepam	4.285	11793	906.83	84.9	706.55	112784	5.0681 ng/ml
a-hydroxyalprazolam	5.699	13397	281.64	60.2	402.01	177560	4.7908 ng/ml
alpha-PHP	4.944	21177	396.80	261.5	557.02	565914	4.8080 ng/ml
alpha-PVP	4.376	75333	3871.02	51.5	735.58	565914	5.0387 ng/ml
Alprazolam	5.775	37472	655.68	106.0	643.20	177560	5.0396 ng/ml
Amphetamine	3.083	141764	658.96	51.6	124.12	205977	4.7447 ng/ml
Buprenorphine	5.894	1920	141.64	15.3	59.98	111374	0.4969 ng/ml
Bupropion	4.801	80856	275.65	59.3	1013.79	461975	5.0417 ng/ml
Carisoprodol	5.730	25606	57480.27	53.2	281.15	239165	5.6637 ng/ml
Citalopram	5.226	52048	9172.48	43.3	22343.13	419937	5.0300 ng/ml
Clonazepam	5.612	46626	5685.58	32.6	416.17	93052	4.8832 ng/ml
Clonazolam	5.555	22008	729.14	38.5	8455.90	93052	4.9726 ng/ml
Cocaine	4.271	62373	263.29	48.5	9446.59	911147	5.0249 ng/ml
Codeine	2.587	7356	46.59	102.2	25197.15	59683	4.8336 ng/ml
Cyclobenzaprine	5.622	25714	78.74	9.4	8512.79	169341	4.9673 ng/ml
Dextromethorphan	5.268	30152	262.29	77.6	27109.07	260724	5.0324 ng/ml
Dextrophan	4.125	17538	36584.25	214.0	554.41	421086	5.0177 ng/ml
Diazepam	5.960	20690	130.36	90.7	152.54	182936	4.9526 ng/ml
Dihydrocodeine	2.565	19077	3004.99	63.7	1647.86	183177	4.8961 ng/ml
Diphenhydramine	5.296	112063	2546.86	33.2	221.17	1583327	5.0721 ng/ml
Doxylamine	4.543	154268	8469.16	98.9	3145.85	1106163	5.0481 ng/ml
EDDP	5.261	69367	131.32	42.0	153.45	685801	5.0446 ng/ml
Etizolam	5.813	17491	1483.12	29.9	10253.95	93052	5.2147 ng/ml
Fentanyl	5.116	3408	76.02	57.1	28.48	319516	0.5036 ng/ml
Flualprazolam	5.705	11219	430.31	108.7	1997.29	177560	4.8953 ng/ml
Fluoxetine	5.707	15131	1587.95	8.6	404.57	119788	4.9586 ng/ml
Hydrocodone	3.025	23792	60.18	38.4	43.56	256080	4.8428 ng/ml
Hydromorphone	1.615	21600	30.03	74.5	1734.74	127664	5.0813 ng/ml
Ketamine	4.065	55225	475.92	40.5	206.53	449472	4.9141 ng/ml
Lamotrigine	4.294	3888	171.26	90.2	63.16	449472	4.8050 ng/ml
Levetiracetam	2.697	18900	146.09	154.8	665.55	1211018	6.2128 ng/ml
Lorazepam	5.753	47906	817.47	50.4	62.78	93052	4.7593 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.216	86110	949.25	16.7	12.68	297645	4.8024 ng/ml
MDMA	3.303	59261	1889.59	62.7	352.64	93047	5.0542 ng/ml
Meprobamate	4.931	12237	224.19	23.5	108.15	92361	4.8149 ng/ml
Methadone	5.653	78238	201.81	46.5	12285.00	581692	5.1174 ng/ml
Methamphetamine	3.244	100017	333.49	42.3	284.71	584996	4.8298 ng/ml
Metoprolol	4.340	11457	15984.74	90.2	232.59	1042339	4.8150 ng/ml
Mirtazapine	4.644	106918	12206.63	44.1	988.19	565914	5.1046 ng/ml
Mitragynine	5.244	14068	21903.77	39.9	8024.71	581692	4.7606 ng/ml
Morphine	1.253	3745	565.18	20.6	331.17	8988	4.9443 ng/ml
Norbuprenorphine	4.992	209	5.71 Low	61.0 Low	313.01	11461	0.6826 ng/ml
Nordiazepam	5.900	21110	268.75	60.2	179.33	116430	4.9939 ng/ml
Norfentanyl	4.093	11973	256.29	36.3	28.88	870665	0.5138 ng/ml
Norhydrocodone	3.080	1718	28.97	52.0	55.93	36866	5.5213 ng/ml
Noroxycodone	2.923	25663	236.84	36.7	416.29	141470	5.0176 ng/ml
O-desmethyl-tramadol	3.383	112319	5886.13	6.5	127.00	1174526	5.1051 ng/ml
Oxazepam	5.756	48040	178.99	74.6	∞	389565	4.9684 ng/ml
Oxycodone	2.841	51240	432.05	28.4	565.04	363611	4.9888 ng/ml
Oxymorphone	1.411	20749	1132.17	44.3	170.41	117129	4.9485 ng/ml
Phentermine	3.797	24557	35.56	3.4	5.99 Low	504762	4.8329 ng/ml
Promethazine	5.545	64012	863.98	26.9	170.22	520110	5.0796 ng/ml
Pseudoephedrine	2.610	139292	168.45	14.1	546.01	1211018	5.1525 ng/ml
Quetiapine	5.569	67524	87563.38	58.5	68.74	160473	5.0918 ng/ml
Sertraline	5.782	4806	57.09	96.8	200.34	34355	5.0414 ng/ml
Temazepam	5.823	74195	546.64	29.6	34.13	699357	5.8170 ng/ml
Tramadol	4.259	115888	529.61	3.6	41.44	1042339	4.8987 ng/ml
Trazodone	5.190	58661	109584.62	77.5	61983.56	385557	4.9571 ng/ml
Venlafaxine	5.050	93633	9906.41	38.1	278.42	920806	5.0919 ng/ml
Zolpidem	4.941	118405	6192.91	30.6	915.19	1018876	4.9507 ng/ml

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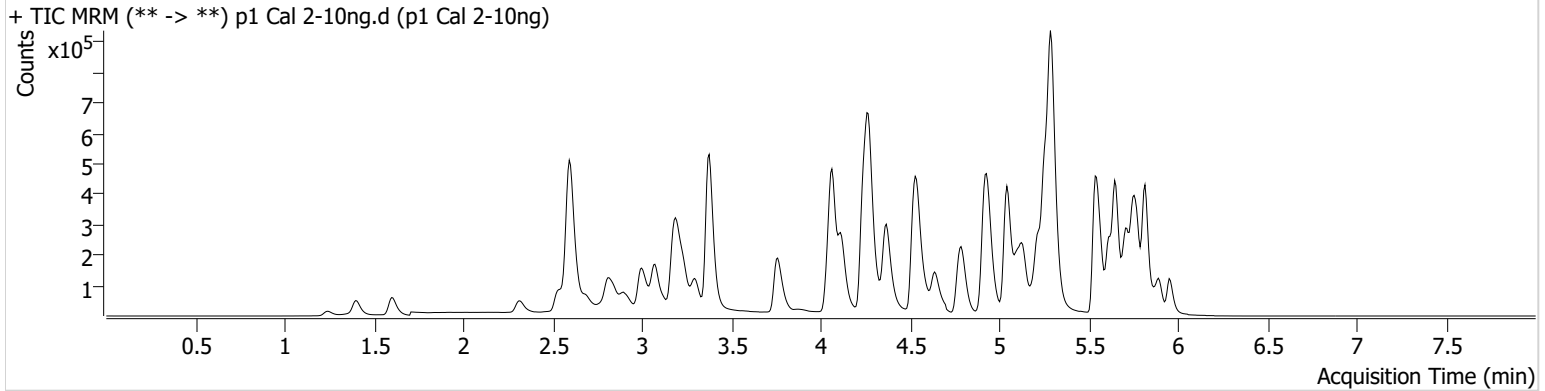


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 4:25:47 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	2634	282.38	71.4	1364.32	51925	0.9281 ng/ml
7-aminoclonazepam	4.285	24311	2150.59	81.0	1234.53	121383	10.0529 ng/ml
a-hydroxyalprazolam	5.699	25597	267.91	63.2	738.98	183240	10.6752 ng/ml
alpha-PHP	4.944	44861	849.07	268.3	7283.93	645255	10.3346 ng/ml
alpha-PVP	4.376	163145	17459.41	49.8	2837.16	645255	10.0335 ng/ml
Alprazolam	5.775	70161	292.23	110.9	548.42	183240	9.8876 ng/ml
Amphetamine	3.076	291086	1150.61	52.1	1803.11	227503	10.4843 ng/ml
Benzoylecgonine	3.899	4500	299.19	7.8	23.44	14285	10.3162 ng/ml
Buprenorphine	5.901	4066	65.03	12.8	1052.38	132349	0.9946 ng/ml
Bupropion	4.801	173464	388.87	59.2	275.57	532183	9.9529 ng/ml
Carisoprodol	5.724	51348	1004.68	50.2	89.13	246247	10.4569 ng/ml
Citalopram	5.219	116021	6879.39	43.2	134.09	493726	10.0763 ng/ml
Clonazepam	5.612	90096	1090.82	33.2	229.70	97871	10.1457 ng/ml
Clonazepam	5.555	43333	91015.06	39.2	11304.77	97871	9.9177 ng/ml
Cocaine	4.271	133073	194784.76	48.2	380.23	1015273	10.0212 ng/ml
Codeine	2.587	15212	222.70	107.4	7504.69	66149	10.3541 ng/ml
Cyclobenzaprine	5.622	80835	115325.47	9.0	16365.15	265770	10.3431 ng/ml
Dextromethorphan	5.268	68542	10660.07	78.3	6547.55	319155	9.9432 ng/ml
Dextrophan	4.118	37866	79752.44	211.5	263659.59	471068	10.1327 ng/ml
Diazepam	5.960	42474	177.50	87.5	924.32	195355	10.1962 ng/ml
Dihydrocodeine	2.565	38975	428.90	62.9	267.68	204099	10.1744 ng/ml
Diphenhydramine	5.296	252461	6083.76	32.5	1536.93	1872164	10.0214 ng/ml
Doxylamine	4.543	310861	374.96	99.6	25246.01	1205748	9.9373 ng/ml
EDDP	5.261	151662	260.03	41.9	115.67	805263	10.0547 ng/ml
Etizolam	5.813	34689	6623.47	29.1	27166.53	97871	9.4498 ng/ml
Fentanyl	5.116	8584	237.67	64.9	11732.13	437436	1.0022 ng/ml
Flualprazolam	5.705	21102	212.04	108.1	2472.92	183240	10.1760 ng/ml
Fluoxetine	5.707	57780	264.75	9.4	569.00	238973	10.2274 ng/ml
Hydrocodone	3.025	48572	129.61	37.4	192.97	279907	10.2077 ng/ml
Hydromorphone	1.608	42120	2819.93	77.6	948.74	136779	9.7385 ng/ml
Ketamine	4.059	115156	3979.96	40.4	216.38	502358	10.2485 ng/ml
Lamotrigine	4.287	8666	404.42	84.8	6578.31	502358	10.5316 ng/ml
Levetiracetam	2.690	38739	556.10	153.5	1426.31	1367156	10.4027 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	92723	1707.62	53.4	163.16	97871	10.5795 ng/ml
MDA	3.209	181214	419.80	17.0	6.46 Low	328789	10.4595 ng/ml
MDMA	3.303	124054	1748.88	62.0	582.95	104585	9.9605 ng/ml
Meprobamate	4.924	23614	1516.45	24.4	23.83	99634	10.3530 ng/ml
Methadone	5.653	178309	136346.38	47.5	7412.13	723497	9.6979 ng/ml
Methamphetamine	3.238	177180	170.16	42.5	172.75	661126	10.2203 ng/ml
Metoprolol	4.333	23638	1433.15	93.9	1560.21	1150477	10.3195 ng/ml
Mirtazapine	4.637	229500	11348.63	44.3	32058.44	645255	10.1316 ng/ml
Mitragynine	5.244	32325	75255.42	40.3	570.99	723497	10.5048 ng/ml
Morphine	1.247	7673	352.72	18.7	55.39	9881	10.0476 ng/ml
Norbuprenorphine	4.992	356	224.83	94.8	1803.26	13500	1.0299 ng/ml
Nordiazepam	5.900	43114	293.81	60.2	1130.82	128124	9.9971 ng/ml
Norfentanyl	4.093	24181	157.47	38.1	97.94	970404	0.9720 ng/ml
Norhydrocodone	3.073	4792	49.00	43.4	54.86	39748	11.0448 ng/ml
Noroxycodone	2.916	52002	445.90	45.4	657.81	153873	9.9979 ng/ml
O-desmethyl-tramadol	3.383	232566	1196.75	6.3	191.21	1317387	9.8154 ng/ml
Oxazepam	5.756	94115	1297.96	75.1	536.56	413465	10.0898 ng/ml
Oxycodone	2.841	105610	415.90	28.7	914.79	404372	10.0439 ng/ml
Oxymorphone	1.405	40877	390.14	45.1	144.85	121398	10.1877 ng/ml
Phentermine	3.797	52025	429.61	3.3	26.39	567228	10.3590 ng/ml
Promethazine	5.538	185504	811.31	28.3	614.93	810604	9.9269 ng/ml
Pseudoephedrine	2.610	285616	500.37	14.5	401.38	1367156	9.6920 ng/ml
Quetiapine	5.569	145368	4256.52	59.3	16671.88	186777	9.9656 ng/ml
Sertraline	5.776	19886	755.30	96.2	21505.77	77543	10.0124 ng/ml
Temazepam	5.823	142570	2979.66	30.7	280.00	739753	10.2405 ng/ml
Tramadol	4.252	246123	658.25	3.5	403.53	1150477	10.3432 ng/ml
Trazodone	5.190	137402	342479.13	78.7	132205.06	497304	10.0522 ng/ml
Venlafaxine	5.043	198401	4216.79	38.1	181.80	1039884	9.9061 ng/ml
Zolpidem	4.941	244596	176708.44	31.3	681.49	1149006	10.0372 ng/ml

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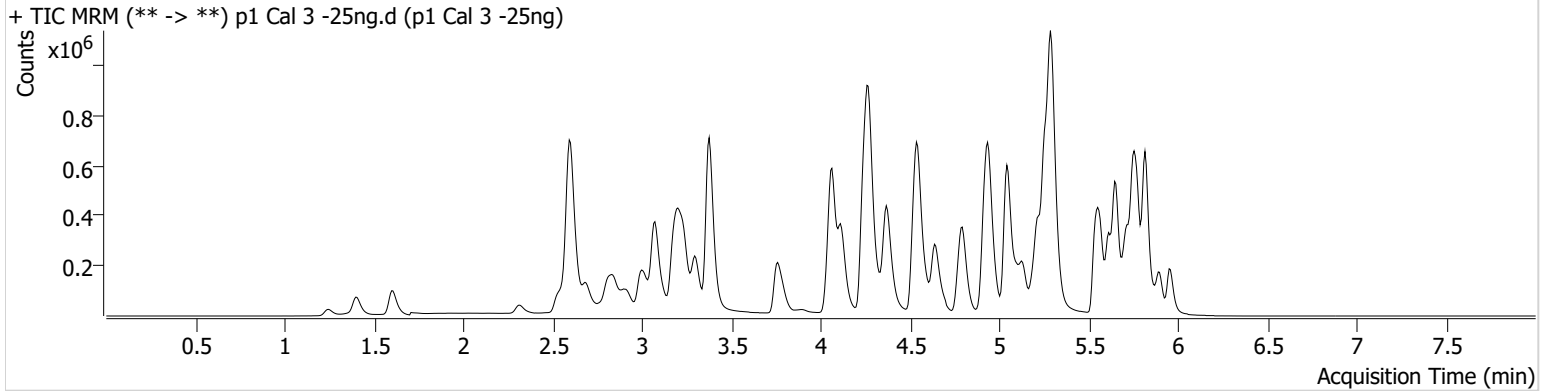


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 4:36:24 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	7301	865.43	68.4	1308.39	56831	2.5016 ng/ml
7-aminoclonazepam	4.278	52428	3381.20	86.0	641.64	116037	23.1516 ng/ml
a-hydroxyalprazolam	5.699	71705	389.65	59.9	699.31	220534	27.6619 ng/ml
alpha-PHP	4.944	113372	130.09	265.3	6078.42	699069	26.2840 ng/ml
alpha-PVP	4.376	414405	1731.40	51.0	295.28	699069	24.2166 ng/ml
Alprazolam	5.775	198206	1124.62	110.0	1185.46	220534	24.4405 ng/ml
Amphetamine	3.076	747663	1707.24	50.8	1006.19	247108	27.4360 ng/ml
Benzoylcegonine	3.899	10332	71.09	8.4	27.23	16713	23.0127 ng/ml
Buprenorphine	5.901	9057	1260.38	11.9	1148.51	124601	2.5429 ng/ml
Bupropion	4.801	431851	39808.80	59.7	2839.67	569285	24.0310 ng/ml
Carisoprodol	5.724	143232	585.48	50.8	785.76	286881	24.1931 ng/ml
Citalopram	5.219	266546	434.75	44.3	144819.29	490714	24.0810 ng/ml
Clonazepam	5.612	252844	701.50	32.5	266.10	115273	26.1142 ng/ml
Clonazepam	5.555	120145	10278.70	39.2	30020.81	115273	24.2920 ng/ml
Cocaine	4.271	343589	811.93	47.3	706.03	1096627	24.5629 ng/ml
Codeine	2.587	37609	310.47	107.1	85.63	70321	26.1239 ng/ml
Cyclobenzaprine	5.622	103331	3261.25	9.1	490.11	150297	23.8741 ng/ml
Dextromethorphan	5.268	144184	33425.21	78.8	210.79	280123	24.8051 ng/ml
Dextroprphan	4.118	96723	4388.35	208.6	560.38	518542	24.1497 ng/ml
Diazepam	5.960	114787	310.92	88.4	1134.25	223804	25.0484 ng/ml
Dihydrocodeine	2.565	98053	1388.38	63.1	1874.63	219037	25.7799 ng/ml
Diphenhydramine	5.296	575585	12732.21	33.4	659.67	1852503	23.6053 ng/ml
Doxylamine	4.543	760013	21107.12	99.8	33534.55	1247766	24.4490 ng/ml
EDDP	5.261	362858	456.43	43.6	23367.87	849272	23.7833 ng/ml
Etizolam	5.813	101787	5220.04	26.9	64045.44	115273	22.8966 ng/ml
Fentanyl	5.116	14460	1525.13	65.8	30562.68	323468	2.3978 ng/ml
Flualprazolam	5.705	59181	2980.98	108.6	7522.98	220534	25.7391 ng/ml
Fluoxetine	5.707	51002	6052.38	8.9	250.98	91679	24.5785 ng/ml
Hydrocodone	3.025	128299	141.43	37.6	61.91	304288	26.7187 ng/ml
Hydromorphone	1.608	115668	420.35	73.4	2825.78	155961	24.2973 ng/ml
Ketamine	4.059	289874	733.19	41.5	481.45	547974	25.2818 ng/ml
Lamotrigine	4.294	22291	1443.75	82.7	2736.08	547974	26.1280 ng/ml
Levetiracetam	2.690	105807	1779.93	152.0	2645.12	1482300	24.5719 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	245499	6510.51	52.4	765.18	115273	26.4878 ng/ml
MDA	3.209	453442	3224.00	17.9	13.83	351883	26.3920 ng/ml
MDMA	3.303	318420	15438.45	62.1	1298.02	114716	24.1598 ng/ml
Meprobamate	4.924	63868	1152.61	24.4	595.70	115089	27.2005 ng/ml
Methadone	5.653	389661	∞	46.1	1799.36	643456	24.3909 ng/ml
Methamphetamine	3.238	410407	777.98	42.2	527.96	730971	26.5235 ng/ml
Metoprolol	4.333	63898	96669.83	91.7	2893.73	1286835	27.0904 ng/ml
Mirtazapine	4.644	510594	14180.91	45.0	4487.53	699069	21.4286 ng/ml
Mitragynine	5.244	65113	68423.09	39.2	24650.54	643456	26.3452 ng/ml
Morphine	1.247	19181	919.21	20.5	251.88	10324	25.3820 ng/ml
Norbuprenorphine	4.999	764	130.08	93.0	2253.14	13195	2.3822 ng/ml
Nordiazepam	5.900	113597	3591.47	59.5	2506.54	140378	25.2363 ng/ml
Norfentanyl	4.093	61159	2371.85	37.1	300.16	1024419	2.3991 ng/ml
Norhydrocodone	3.073	11700	118.91	43.1	63.65	37633	25.2635 ng/ml
Noroxycodone	2.916	133925	2021.87	44.2	443.83	167723	24.6491 ng/ml
O-desmethyl-tramadol	3.383	605735	2261.76	6.3	881.99	1445519	23.9341 ng/ml
Oxazepam	5.756	247158	6412.28	74.8	2494.88	470305	24.7166 ng/ml
Oxycodone	2.841	269561	2184.20	29.5	338.57	440478	24.7911 ng/ml
Oxymorphone	1.405	103066	∞	42.6	732.06	130831	24.9972 ng/ml
Phentermine	3.797	134522	98.10	3.0	66.90	626713	26.1324 ng/ml
Promethazine	5.538	251612	3008.68	28.1	753.14	473532	23.7896 ng/ml
Pseudoephedrine	2.603	743629	1342.46	14.3	2512.60	1482300	23.8464 ng/ml
Quetiapine	5.562	307170	159184.93	59.4	145799.68	173540	23.4851 ng/ml
Sertraline	5.776	15205	114.59	97.4	128.96	25961	24.0530 ng/ml
Temazepam	5.823	403240	4687.46	29.8	221.87	854156	24.5045 ng/ml
Tramadol	4.252	637509	831.78	3.4	179.81	1286835	25.2581 ng/ml
Trazodone	5.190	279230	129523.27	77.7	389779.95	432755	25.1940 ng/ml
Venlafaxine	5.043	516741	451.19	37.7	1590.59	1151790	23.8371 ng/ml
Zolpidem	4.941	632255	1127925.60	30.5	1588.67	1244585	25.5670 ng/ml

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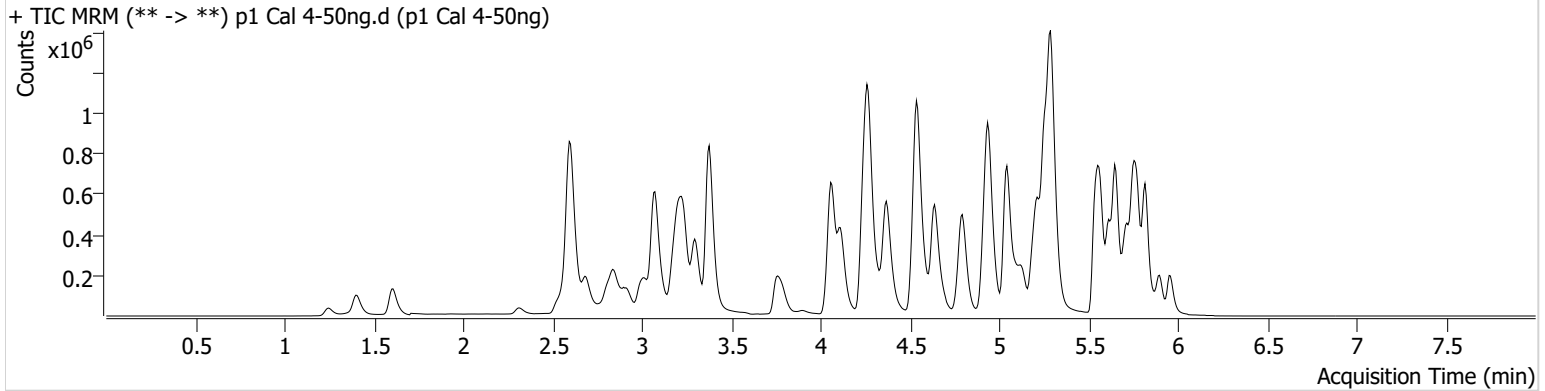


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 4:46:59 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	12676	302.57	68.8	557.45	52222	4.8145 ng/ml
7-aminoclonazepam	4.278	105345	3198.59	81.8	2975.53	111033	49.0300 ng/ml
a-hydroxyalprazolam	5.699	80011	414.88	61.1	677.15	161031	43.3920 ng/ml
alpha-PHP	4.937	202983	3790.67	265.7	5236.23	624030	54.3614 ng/ml
alpha-PVP	4.376	738150	15857.39	50.5	5050.71	624030	48.8348 ng/ml
Alprazolam	5.775	294703	1280.59	109.8	1909.75	161031	50.7147 ng/ml
Amphetamine	3.076	1289422	454.43	51.3	981.96	223665	54.0290 ng/ml
Benzoylcegonine	3.899	15739	6846.32	8.7	54.94	12408	50.2499 ng/ml
Buprenorphine	5.901	16578	310.62	13.8	3402.56	114793	5.1891 ng/ml
Bupropion	4.795	782060	22086.15	59.1	344.82	499919	50.2516 ng/ml
Carisoprodol	5.724	203614	1002.92	49.1	594.93	202861	48.0248 ng/ml
Citalopram	5.219	491816	6009.56	43.3	847.74	449599	49.1069 ng/ml
Clonazepam	5.612	327995	856.67	31.7	31977.52	75848	52.8475 ng/ml
Clonazolam	5.555	177758	7451.64	38.6	1476.61	75848	55.4947 ng/ml
Cocaine	4.264	612132	18497.36	48.0	18992.79	986461	49.0769 ng/ml
Codeine	2.580	63423	161.29	107.8	156119.67	60332	52.8383 ng/ml
Cyclobenzaprine	5.622	280790	5357.40	9.4	265.91	198926	49.4291 ng/ml
Dextromethorphan	5.262	281499	14151.01	77.9	281.54	280707	48.9889 ng/ml
Dextrophan	4.118	171242	2780.13	210.2	8711.54	460095	48.6668 ng/ml
Diazepam	5.960	161765	2129.27	89.3	∞	160514	49.9251 ng/ml
Dihydrocodeine	2.559	174265	5979.54	63.6	1076.00	196345	52.5227 ng/ml
Diphenhydramine	5.296	1085103	74368.22	33.5	287.99	1722348	48.2699 ng/ml
Doxylamine	4.543	1433159	16140.96	99.4	9403.90	1196236	48.7790 ng/ml
EDDP	5.254	669060	463.71	42.5	12792.19	766165	49.4110 ng/ml
Etizolam	5.813	145790	736.70	28.4	89423.09	75848	49.3319 ng/ml
Fentanyl	5.116	35751	3357.59	63.0	55326.70	391323	4.9943 ng/ml
Flualprazolam	5.705	85516	1055.63	110.9	8781.45	161031	52.4281 ng/ml
Fluoxetine	5.707	169286	3288.23	8.8	588.18	152250	49.9290 ng/ml
Hydrocodone	3.025	220231	282.92	38.0	118.37	268200	53.3053 ng/ml
Hydromorphone	1.608	199769	746866.82	73.2	1793.22	129700	51.1044 ng/ml
Ketamine	4.059	522399	2373.24	40.7	590.29	502416	50.8981 ng/ml
Lamotrigine	4.287	40165	1150.56	82.4	315.33	502416	52.2678 ng/ml
Levetiracetam	2.690	172992	1126.57	152.8	3983.77	1332141	43.8221 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	322714	6469.66	49.7	985.54	75848	55.0803 ng/ml
MDA	3.209	778731	2616.63	17.9	53.41	308421	53.1012 ng/ml
MDMA	3.303	575570	5978.26	61.4	2231.50	103386	49.0950 ng/ml
Meprobamate	4.924	92650	2618.13	24.6	6714.17	90546	52.0148 ng/ml
Methadone	5.653	719094	1668.80	46.0	1818.10	603459	48.3681 ng/ml
Methamphetamine	3.238	699239	4042.82	42.7	1099.22	661283	54.0759 ng/ml
Metoprolol	4.333	107600	185019.36	95.2	2652.76	1163569	51.7601 ng/ml
Mirtazapine	4.637	1052619	22547.37	44.6	4438.33	624030	50.2627 ng/ml
Mitragynine	5.244	120269	200362.07	39.7	280.30	603459	53.8443 ng/ml
Morphine	1.247	34201	3332.08	19.5	95.22	9052	52.6174 ng/ml
Norbuprenorphine	4.992	1344	1049.12	85.0	29.95	11957	4.7168 ng/ml
Nordiazepam	5.900	167036	759.40	61.0	1519.71	106203	49.8525 ng/ml
Norfentanyl	4.086	109324	7171.15	37.0	382.78	923596	4.8061 ng/ml
Norhydrocodone	3.066	20078	466.46	43.3	123.99	35642	44.1166 ng/ml
Noroxycodone	2.916	226949	558.55	43.2	934.78	141939	50.1135 ng/ml
O-desmethyl-tramadol	3.376	1110243	1323.05	6.2	452.55	1309575	48.8953 ng/ml
Oxazepam	5.756	346850	7718.95	74.7	51608.46	321896	51.8190 ng/ml
Oxycodone	2.841	489173	3348.13	29.1	2208.30	399091	50.5919 ng/ml
Oxymorphone	1.405	185493	∞	43.9	∞	117610	50.9157 ng/ml
Phentermine	3.790	238568	565.18	2.7	52.44	563159	52.9468 ng/ml
Promethazine	5.538	667994	30303.60	27.1	421.62	616910	49.0610 ng/ml
Pseudoephedrine	2.603	1322654	776.45	14.2	3122.32	1332141	47.5953 ng/ml
Quetiapine	5.562	611104	9883.56	59.7	37445.94	170183	48.3074 ng/ml
Sertraline	5.776	54773	556.46	98.5	4377.36	46266	49.5611 ng/ml
Temazepam	5.823	520654	2666.90	30.2	347.66	572007	46.8748 ng/ml
Tramadol	4.252	1138877	1174.56	3.4	219.26	1163569	50.8708 ng/ml
Trazodone	5.190	564400	28437.79	78.6	40164.00	434006	52.0842 ng/ml
Venlafaxine	5.043	913378	50969.02	38.1	7141.58	1020908	47.9350 ng/ml
Zolpidem	4.941	1112564	89596.18	31.1	41693.29	1123357	50.9504 ng/ml

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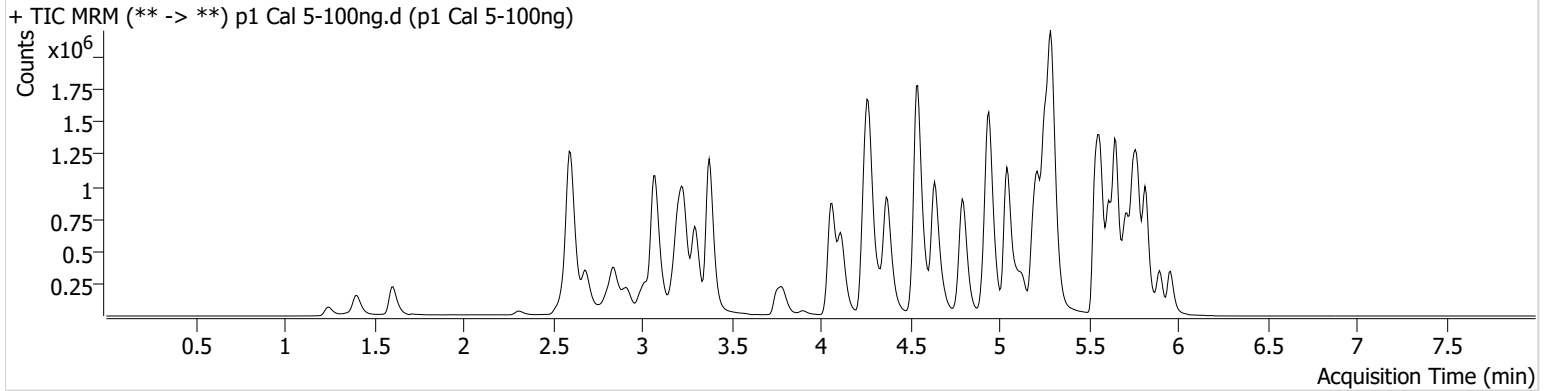


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-E1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 4:57:36 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	24501	10636.29	72.3	2543.15	51089	9.6084 ng/ml
7-aminoclonazepam	4.278	202803	7297.05	84.2	136.29	106899	98.4160 ng/ml
a-hydroxyalprazolam	5.699	145171	441.98	62.3	259.82	162978	79.4704 ng/ml
alpha-PHP	4.944	391875	678.21	265.3	788.64	618661	107.4079 ng/ml
alpha-PVP	4.376	1452525	21716.19	50.6	1416.64	618661	97.4379 ng/ml
Alprazolam	5.775	587156	828.07	109.7	4268.83	162978	100.7205 ng/ml
Amphetamine	3.076	2408526	2579.68	51.5	1290.04	220631	104.0397 ng/ml
Benzoylecgonine	3.899	32761	645.75	8.0	14290.63	13584	98.1277 ng/ml
Buprenorphine	5.900	35678	1157.52	13.2	7066.69	124770	10.4111 ng/ml
Bupropion	4.801	1593484	27661.42	59.1	1009.00	508342	101.3495 ng/ml
Carisoprodol	5.724	369124	7251.98	50.2	694.82	189457	92.6519 ng/ml
Citalopram	5.219	1008563	726.12	43.5	82691.82	466313	97.6820 ng/ml
Clonazepam	5.612	609387	27478.63	32.3	34072.62	72755	103.6754 ng/ml
Clonazepam	5.555	332067	16988.58	39.8	73317.19	72755	108.7383 ng/ml
Cocaine	4.264	1171717	46910.38	48.1	768.67	950300	97.9471 ng/ml
Codeine	2.580	119013	3824.93	107.6	467141.61	57438	105.6435 ng/ml
Cyclobenzaprine	5.622	711637	1431.11	9.5	6387.93	255205	98.0304 ng/ml
Dextromethorphan	5.268	602878	18631.97	78.3	16934.22	300217	98.7991 ng/ml
Dextrophan	4.118	338890	711.23	209.9	16865.70	454755	97.9264 ng/ml
Diazepam	5.960	342159	4295.01	88.5	601.71	172700	98.8560 ng/ml
Dihydrocodeine	2.559	338391	10441.12	61.7	3480.10	194504	104.3332 ng/ml
Diphenhydramine	5.296	2288145	36491.36	33.3	10517.62	1822922	96.5624 ng/ml
Doxylamine	4.543	2739335	11643.79	99.5	78497.21	1133540	99.1181 ng/ml
EDDP	5.261	1294644	60891.66	42.8	384.18	754909	97.7764 ng/ml
Etizolam	5.813	289806	4766.49	28.4	13864.78	72755	101.7685 ng/ml
Fentanyl	5.116	85609	73179.06	65.4	76134.81	475115	9.9376 ng/ml
Flualprazolam	5.705	168142	13038.14	111.6	903.48	162978	103.2892 ng/ml
Fluoxetine	5.707	461343	433764.10	9.2	4085.52	207426	100.6784 ng/ml
Hydrocodone	3.025	422640	455.65	37.4	120.84	267452	103.8217 ng/ml
Hydromorphone	1.608	388900	3728.79	73.6	1562.73	130036	99.7937 ng/ml
Ketamine	4.059	1020931	427.09	41.2	499.80	496747	101.8245 ng/ml
Lamotrigine	4.287	77710	1156.08	84.0	4500.77	496747	103.1923 ng/ml
Levetiracetam	2.690	349908	3578.36	152.8	5671.72	1291041	90.2911 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	561802	2777.14	51.8	216.47	72755	101.7313 ng/ml
MDA	3.209	1421355	9928.53	18.5	61.65	297000	101.9447 ng/ml
MDMA	3.303	1132001	11163.49	61.4	2361.93	101790	98.7045 ng/ml
Meprobamate	4.924	172464	5332.14	24.7	3262.69	88617	100.9198 ng/ml
Methadone	5.653	1644043	24677.26	45.8	10815.81	679823	98.5578 ng/ml
Methamphetamine	3.238	1338747	732.30	42.9	9144.98	668613	106.5692 ng/ml
Metoprolol	4.333	211610	16739.84	93.0	681.06	1162805	103.3289 ng/ml
Mirtazapine	4.637	2052815	9923.32	44.5	35016.33	618661	99.4448 ng/ml
Mitragynine	5.243	272387	11948.64	40.4	309.04	679823	110.2882 ng/ml
Morphine	1.247	67111	4799.35	19.9	∞	9290	101.4852 ng/ml
Norbuprenorphine	4.992	3131	2335.28	84.5	2996.76	13414	9.8991 ng/ml
Nordiazepam	5.900	358982	8974.74	61.3	2504.29	115830	99.0601 ng/ml
Norfentanyl	4.086	208754	174.55	37.8	1459.03	894517	9.5246 ng/ml
Norhydrocodone	3.066	38759	231.78	41.7	55.49	32840	90.1979 ng/ml
Noroxycodone	2.916	421677	1953.82	44.3	1098.28	135237	98.4426 ng/ml
O-desmethyl-tramadol	3.376	2158812	13158.53	6.2	518.30	1298678	96.3164 ng/ml
Oxazepam	5.756	630020	11210.11	75.5	10685.02	303689	100.7726 ng/ml
Oxycodone	2.834	952518	24087.03	29.4	1590.63	393692	100.7742 ng/ml
Oxymorphone	1.405	336980	∞	44.3	∞	113743	96.4036 ng/ml
Phentermine	3.790	460903	1845.59	2.7	184.33	557209	104.7261 ng/ml
Promethazine	5.538	1700345	68760.98	27.8	2091.34	795074	97.4445 ng/ml
Pseudoephedrine	2.603	2572821	23133.18	14.1	4365.50	1291041	95.9410 ng/ml
Quetiapine	5.569	1204015	11684.15	60.6	19390.59	168292	96.8855 ng/ml
Sertraline	5.776	165081	7277.43	95.4	2056.78	71249	97.8818 ng/ml
Temazepam	5.823	996443	17337.10	29.6	261.28	548446	93.1657 ng/ml
Tramadol	4.252	2204296	2360.94	3.4	160.74	1162805	99.4549 ng/ml
Trazodone	5.190	1317722	85130.03	78.2	39250.64	524078	101.9047 ng/ml
Venlafaxine	5.043	1839034	54877.99	37.6	915.24	1011287	97.8476 ng/ml
Zolpidem	4.941	2178333	6086.34	30.8	15977.51	1096880	103.3363 ng/ml

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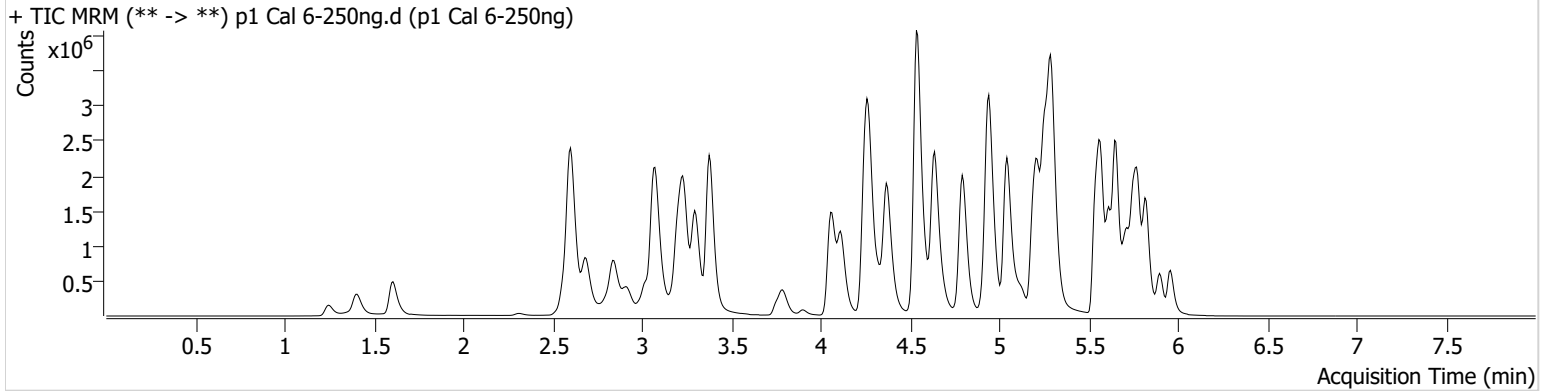


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 5:08:11 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	60621	1927.59	72.9	1991.64	48816	25.0375 ng/ml
7-aminoclonazepam	4.278	386071	840.33	84.2	3626.93	78624	255.3258 ng/ml
a-hydroxyalprazolam	5.699	289288	674.77	59.4	388.30	143526	182.5034 ng/ml
alpha-PHP	4.944	869498	30720.78	266.7	9482.23	586307	253.6609 ng/ml
alpha-PVP	4.376	3500213	∞	50.1	33050.65	586307	248.5516 ng/ml
Alprazolam	5.775	1298143	7734.47	110.2	1286.59	143526	254.2429 ng/ml
Amphetamine	3.076	5017749	1492.89	51.2	1750.95	204726	235.9988 ng/ml
Benzoylecgonine	3.899	92326	6023.30	7.7	333.57	15401	248.1990 ng/ml
Buprenorphine	5.901	81992	2960.94	12.8	35346.73	120888	24.8851 ng/ml
Bupropion	4.795	3874823	1754.44	58.3	13414.76	491931	255.6582 ng/ml
Carisoprodol	5.730	753462	27494.65	50.3	2768.15	148726	239.9481 ng/ml
Citalopram	5.219	2217905	2146.14	43.5	983.02	401206	250.6063 ng/ml
Clonazepam	5.612	1259040	37964.41	32.3	1096842.15	61181	256.7658 ng/ml
Clonazepam	5.555	673314	14194.83	39.5	15074.17	61181	263.1769 ng/ml
Cocaine	4.264	2702772	74490.18	48.1	4429.60	863674	249.2659 ng/ml
Codeine	2.580	251687	2571.03	103.2	1232.67	53395	242.2971 ng/ml
Cyclobenzaprine	5.622	1234335	28207.76	9.4	5748.04	172523	252.1369 ng/ml
Dextromethorphan	5.262	1204397	51970.18	78.0	17823.25	234605	253.6612 ng/ml
Dextrophan	4.118	818163	2142.29	209.1	104125.90	436231	247.1889 ng/ml
Diazepam	5.960	757918	556.72	88.1	1795.11	153197	247.9511 ng/ml
Dihydrocodeine	2.559	773998	126618.85	62.9	1326.67	190572	245.4792 ng/ml
Diphenhydramine	5.296	5086260	73110.49	32.7	14604.14	1561980	251.1343 ng/ml
Doxylamine	4.536	6825659	10694.51	98.7	13410.85	1101116	255.3634 ng/ml
EDDP	5.261	2945768	98777.45	42.8	17366.21	681867	247.4727 ng/ml
Etizolam	5.813	655428	13317.13	27.4	7948.47	61181	272.9696 ng/ml
Fentanyl	5.116	178452	9477.61	64.7	3084.62	398066	24.8584 ng/ml
Flualprazolam	5.705	363039	522.14	110.3	725.21	143526	255.4504 ng/ml
Fluoxetine	5.707	592146	84965.57	8.9	153.62	107332	250.9221 ng/ml
Hydrocodone	3.018	956376	∞	39.5	368.16	258789	244.5931 ng/ml
Hydromorphone	1.608	954829	3734216.39	73.9	5502.41	126848	252.0790 ng/ml
Ketamine	4.059	2430798	11175.29	40.7	880.64	484147	250.5503 ng/ml
Lamotrigine	4.287	157677	5140.72	84.5	2026.86	484147	215.8618 ng/ml
Levetiracetam	2.690	872448	3841.69	155.1	5165.42	1175565	245.3739 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	932629	15913.33	52.8	756.79	61181	202.9398 ng/ml
MDA	3.203	2812417	12969.77	17.4	125.26	249839	241.7524 ng/ml
MDMA	3.296	2647179	99328.93	61.0	3099.57	94921	248.4807 ng/ml
Meprobamate	4.917	332590	27536.01	24.5	1819.11	80746	216.0538 ng/ml
Methadone	5.653	3580315	47010.75	45.6	734.93	588059	248.7118 ng/ml
Methamphetamine	3.238	3153655	1151.44	42.2	2467.89	664197	259.1139 ng/ml
Metoprolol	4.333	490444	5763.17	92.6	8097.34	1137455	246.8993 ng/ml
Mirtazapine	4.637	4785637	117097.16	44.0	33266.89	586307	245.4874 ng/ml
Mitragynine	5.244	552337	675912.20	38.7	718.67	588059	261.2489 ng/ml
Morphine	1.247	163908	7150.24	19.8	481.00	9142	253.2829 ng/ml
Norbuprenorphine	4.992	6982	6984.82	84.8	105.65	11943	24.9378 ng/ml
Nordiazepam	5.900	726493	15521.68	60.2	4762.80	92655	251.9200 ng/ml
Norfentanyl	4.086	487527	758.74	37.4	1123.61	804277	24.8203 ng/ml
Norhydrocodone	3.066	92428	114.47	42.3	164.48	29584	235.4026 ng/ml
Noroxycodone	2.916	902552	4323.42	44.0	2337.13	117398	243.8270 ng/ml
O-desmethyl-tramadol	3.376	5348734	62312.49	6.1	1476.12	1240776	250.5090 ng/ml
Oxazepam	5.756	1141736	6163.14	74.4	12085.46	220375	253.2906 ng/ml
Oxycodone	2.834	2353573	1583.11	28.9	4440.29	389985	252.7673 ng/ml
Oxymorphone	1.405	820254	∞	41.9	∞	102009	263.1400 ng/ml
Phentermine	3.790	1031431	2983.87	2.6	748.85	543240	242.2133 ng/ml
Promethazine	5.538	3086715	623495.11	27.5	1465.83	567573	248.6657 ng/ml
Pseudoephedrine	2.603	6085584	60425.31	13.9	26457.25	1175565	249.8769 ng/ml
Quetiapine	5.569	2654776	1142.43	60.0	361.89	147457	244.7882 ng/ml
Sertraline	5.776	186061	222.46	96.4	19787.42	31342	252.2349 ng/ml
Temazepam	5.823	2058169	23706.07	29.9	418.49	446733	235.6345 ng/ml
Tramadol	4.246	5217529	2291.86	3.3	4952.61	1137455	242.0637 ng/ml
Trazodone	5.190	2843489	49504.42	77.9	621.52	466347	248.9543 ng/ml
Venlafaxine	5.043	4482766	49729.10	37.1	718.53	961252	251.5538 ng/ml
Zolpidem	4.941	5071889	101349.53	30.3	748.24	1047061	253.7250 ng/ml

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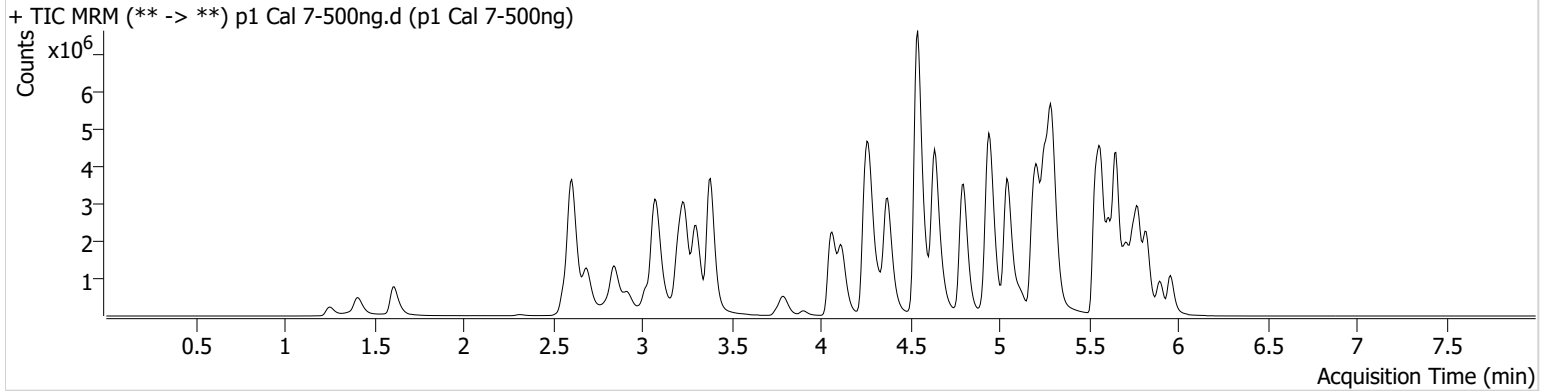


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 5:18:46 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	113547	7205.51	73.4	727.94	43660	52.5432 ng/ml
7-aminoclonazepam	4.285	607996	10282.12	83.5	15052.45	57775	547.6251 ng/ml
a-hydroxyalprazolam	5.692	390512	435.14	60.2	1444.43	114480	310.3382 ng/ml
alpha-PHP	4.944	1425935	80173.70	267.3	2103.93	510508	479.2004 ng/ml
alpha-PVP	4.376	6367439	165678.05	49.9	48158.73	510508	519.8502 ng/ml
Alprazolam	5.775	2079114	∞	107.1	∞	114480	511.4320 ng/ml
Amphetamine	3.076	7838664	661.92	50.9	1606.45	180303	420.1118 ng/ml
Benzoylecgonine	3.906	153631	65105.17	7.7	108955.84	12022	532.3203 ng/ml
Buprenorphine	5.901	158469	268272.93	12.8	22417.73	116055	50.2397 ng/ml
Bupropion	4.801	7160747	661.35	58.4	151908.51	449892	517.2761 ng/ml
Carisoprodol	5.730	1025311	15911.60	49.7	2007.72	99390	487.9749 ng/ml
Citalopram	5.219	3647514	∞	43.5	47436.03	322828	512.8315 ng/ml
Clonazepam	5.612	1694963	3193.62	32.0	49589.78	43610	486.1841 ng/ml
Clonazepam	5.555	889903	8226.17	38.5	42042.68	43610	488.5752 ng/ml
Cocaine	4.271	4639270	148640.65	47.2	64598.13	719994	513.7073 ng/ml
Codeine	2.587	379190	486.43	105.9	894.74	44907	435.2628 ng/ml
Cyclobenzaprine	5.622	2653809	518104.36	9.3	291.75	181940	514.4423 ng/ml
Dextromethorphan	5.268	2007258	80946.17	77.8	46169.25	194011	511.9171 ng/ml
Dextrophan	4.118	1469953	39622.11	210.6	1337.73	373953	518.6040 ng/ml
Diazepam	5.960	1381787	7448.82	88.3	8375.89	135262	512.7677 ng/ml
Dihydrocodeine	2.565	1325850	4339.12	63.0	11881.39	179260	448.2179 ng/ml
Diphenhydramine	5.296	8883764	85971.66	32.7	28597.38	1310190	523.3599 ng/ml
Doxylamine	4.543	13492992	225464.85	97.5	168343.64	1066166	522.0942 ng/ml
EDDP	5.261	5248627	64794.68	41.9	44480.65	582232	517.2243 ng/ml
Etizolam	5.813	1095019	4006.84	28.0	3164.31	43610	639.2098 ng/ml
Fentanyl	5.116	398943	72571.46	65.1	89381.07	431556	51.3558 ng/ml
Flualprazolam	5.705	558091	3486.50	114.2	3142.90	114480	493.7458 ng/ml
Fluoxetine	5.707	1386175	1565436.83	8.9	2297.50	125176	504.4725 ng/ml
Hydrocodone	3.025	1733722	∞	38.2	1448.40	233552	492.6636 ng/ml
Hydromorphone	1.615	1644289	11931854.76	73.6	3444.15	107639	512.1855 ng/ml
Ketamine	4.059	4360751	195593.66	40.1	1199.01	433757	502.9440 ng/ml
Lamotrigine	4.294	240593	2678.41	83.4	22239.28	433757	368.3082 ng/ml
Levetiracetam	2.697	1314947	22471.62	154.9	30401.23	955421	454.1206 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1033711	76162.83	52.8	26811.05	43610	316.7653 ng/ml
MDA	3.209	4091398	27033.10	17.0	82.00	198122	444.7041 ng/ml
MDMA	3.303	4549457	4339.79	60.9	5119.54	79260	512.0955 ng/ml
Meprobamate	4.917	437179	1940.14	24.6	154.80	64630	356.2271 ng/ml
Methadone	5.653	6959607	171139.16	44.9	1037.64	551449	515.9690 ng/ml
Methamphetamine	3.238	5491265	24963.01	41.3	22342.01	624797	483.6038 ng/ml
Metoprolol	4.333	794644	47421.91	93.1	6472.93	905671	503.9905 ng/ml
Mirtazapine	4.637	9408532	180628.13	43.2	186398.78	510508	555.0296 ng/ml
Mitragynine	5.244	900001	103964.70	40.6	16404.90	551449	455.4393 ng/ml
Morphine	1.253	268291	50469.46	19.6	201.38	7733	491.0495 ng/ml
Norbuprenorphine	4.999	13588	2814.26	84.8	364.06	11046	52.5826 ng/ml
Nordiazepam	5.900	1216647	17592.42	60.4	1148.54	76884	509.2926 ng/ml
Norfentanyl	4.086	823938	90631.63	37.2	6171.86	643557	52.4790 ng/ml
Norhydrocodone	3.073	176118	131.01	41.5	216.83	25090	526.3465 ng/ml
Noroxycodone	2.916	1409994	2822.46	44.0	1166.56	86037	520.6099 ng/ml
O-desmethyl-tramadol	3.383	9753979	183690.12	5.9	622.02	1080010	525.3378 ng/ml
Oxazepam	5.756	1362653	14625.53	75.1	6144.20	132108	505.3556 ng/ml
Oxycodone	2.841	4297484	2283.70	28.7	1750.36	357179	504.8589 ng/ml
Oxymorphone	1.411	1376210	∞	43.6	575.63	89026	506.6747 ng/ml
Phentermine	3.797	1694155	∞	2.6	1241.62	494058	438.5834 ng/ml
Promethazine	5.538	7142335	3531.55	26.7	2088.33	624442	523.6032 ng/ml
Pseudoephedrine	2.610	10481827	157772.32	13.7	74180.53	955421	530.0144 ng/ml
Quetiapine	5.569	4926995	61461.57	59.3	26305.44	129449	518.2190 ng/ml
Sertraline	5.776	513750	29685.78	97.7	41707.63	42129	519.1114 ng/ml
Temazepam	5.823	2984940	27036.05	29.8	8717.01	306955	496.9123 ng/ml
Tramadol	4.252	8948019	∞	3.2	284.55	905671	522.5265 ng/ml
Trazodone	5.190	5582166	4308.92	78.9	195400.49	486593	469.5323 ng/ml
Venlafaxine	5.043	8061779	1877.18	36.9	1333.75	832485	522.8005 ng/ml
Zolpidem	4.941	8731144	252255.73	29.8	65591.18	911672	502.7847 ng/ml

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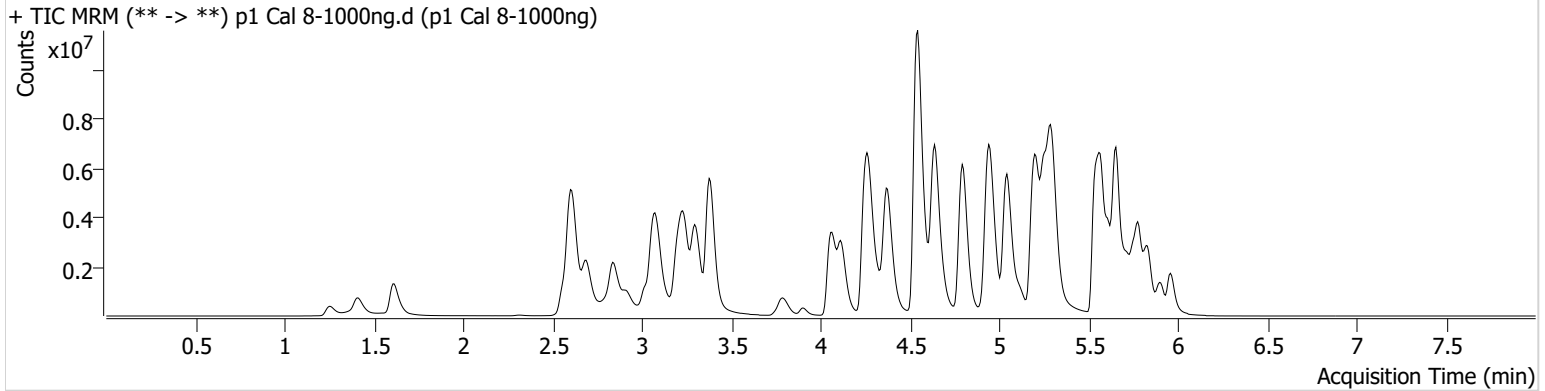


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	9/21/2021 5:29:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	209466	1542.25	73.4	1826.13	40172	105.4453 ng/ml
7-aminoclonazepam	4.285	675018	2633.91	82.6	5961.36	36087	973.7027 ng/ml
a-hydroxyalprazolam	5.685	520050	270.68	62.5	179.68	94089	504.1665 ng/ml
alpha-PHP	4.937	2189064	5380.00	272.0	154930.47	459076	819.2311 ng/ml
alpha-PVP	4.376	11397324	1377.84	49.5	166332.81	459076	1035.2569 ng/ml
Alprazolam	5.782	3219409	955.52	108.3	802.94	94089	964.3688 ng/ml
Amphetamine	3.076	11300767	98252.71	51.0	22447.56	157461	694.7854 ng/ml
Benzoylecgonine	3.899	397435	499.94	7.8	1797.19	16529	1004.1576 ng/ml
Buprenorphine	5.901	311746	4403.83	13.3	55037.22	125486	91.5193 ng/ml
Bupropion	4.795	13264222	896792.18	58.1	55187.45	449568	959.4270 ng/ml
Carisoprodol	5.730	1380181	16933.14	49.8	669.63	63276	1031.0866 ng/ml
Citalopram	5.219	5146400	1404.80	43.3	1198.26	225587	1036.0861 ng/ml
Clonazepam	5.612	2212205	62853.71	32.2	39655.11	31809	871.0791 ng/ml
Clonazepam	5.555	1081997	52791.11	38.2	8272.50	31809	814.8963 ng/ml
Cocaine	4.271	7386963	107644.36	47.3	1244.90	574857	1024.9094 ng/ml
Codeine	2.580	549895	159.04	102.0	10411.49	39969	710.1522 ng/ml
Cyclobenzaprine	5.622	4142348	4617.35	9.1	952.04	144569	1010.9444 ng/ml
Dextromethorphan	5.262	2805065	47786.88	78.1	14347.56	138782	1000.7412 ng/ml
Dextrophan	4.118	2605275	5179.43	213.5	∞	331081	1038.6515 ng/ml
Diazepam	5.960	2441266	3409.42	88.1	1398.28	124675	983.5265 ng/ml
Dihydrocodeine	2.559	2160606	329.22	63.1	479.19	178098	736.1008 ng/ml
Diphenhydramine	5.296	13793451	2535.93	32.3	1248.04	1007680	1056.9481 ng/ml
Doxylamine	4.543	22649982	558392.77	99.0	83284.54	948005	986.2826 ng/ml
EDDP	5.254	9347958	117121.47	40.7	1360.68	514152	1043.9486 ng/ml
Etizolam	5.813	1876217	4972.95	27.6	1469.36	31809	1500.9807 ng/ml
Fentanyl	5.116	782514	115007.02	67.8	345059.52	427673	101.7355 ng/ml
Flualprazolam	5.705	819209	3334.84	113.3	7813.16	94089	883.0313 ng/ml
Fluoxetine	5.707	1773167	78412.73	9.2	79031.71	82121	984.4031 ng/ml
Hydrocodone	3.018	2959658	842.90	38.9	697.99	225033	873.9064 ng/ml
Hydromorphone	1.615	3038928	15474118.56	73.7	4061108.67	103471	985.2899 ng/ml
Ketamine	4.059	7457112	233916.77	39.7	28247.99	398701	936.7560 ng/ml
Lamotrigine	4.294	313301	2877.72	81.8	4719.42	398701	522.1795 ng/ml
Levetiracetam	2.690	2480512	5601.48	155.1	67363.18	767317	1065.2049 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1055333	41380.47	52.2	4446.94	31809	444.2374 ng/ml
MDA	3.196	5380619	64491.67	16.4	573.24	159996	725.1054 ng/ml
MDMA	3.303	7538288	21140.40	60.0	9460.56	64729	1039.6636 ng/ml
Meprobamate	4.911	552132	1308.37	24.6	2995.03	58762	495.6792 ng/ml
Methadone	5.653	12204708	43716.65	44.4	67649.64	474773	1051.3599 ng/ml
Methamphetamine	3.238	9093566	37067.72	40.4	29643.79	627679	800.2003 ng/ml
Metoprolol	4.333	1204633	91451.44	92.8	5285.59	808067	857.3644 ng/ml
Mirtazapine	4.637	15496281	204333.47	43.7	48748.91	459076	1017.0670 ng/ml
Mitragynine	5.237	1371957	899.79	40.0	360775.37	474773	807.9513 ng/ml
Morphine	1.253	479380	8901.84	19.8	11035.76	7313	928.6689 ng/ml
Norbuprenorphine	4.992	25303	2455.95	86.4	17528.48	10462	103.4800 ng/ml
Nordiazepam	5.906	1911756	1468.77	59.7	∞	62954	978.1319 ng/ml
Norfentanyl	4.086	1272638	55655.79	36.7	13454.17	481132	108.4760 ng/ml
Norhydrocodone	3.066	309535	430.97	45.5	1785.17	23119	1002.1068 ng/ml
Noroxycodone	2.916	2208926	4615.91	44.0	1998.27	69697	1007.5155 ng/ml
O-desmethyl-tramadol	3.376	16927352	∞	5.9	922.08	941486	1046.2842 ng/ml
Oxazepam	5.749	1366840	7899.59	74.1	3474.01	71259	940.6947 ng/ml
Oxycodone	2.834	7657342	1338.32	28.5	∞	332963	965.8440 ng/ml
Oxymorphone	1.405	2367016	1022.24	43.6	642.98	82304	943.3809 ng/ml
Phentermine	3.790	2616384	∞	2.5	798.89	472720	708.7685 ng/ml
Promethazine	5.538	12157818	8457.69	26.5	788.41	534266	1042.2777 ng/ml
Pseudoephedrine	2.610	17076825	363853.70	13.4	92907.29	767317	1075.5918 ng/ml
Quetiapine	5.569	7822794	653.27	58.1	63817.69	97326	1095.0841 ng/ml
Sertraline	5.782	677355	34910.62	96.8	42485.22	28541	1011.1605 ng/ml
Temazepam	5.830	4300138	201956.95	29.5	5009.44	213901	1026.8506 ng/ml
Tramadol	4.246	14507943	1782.18	3.2	240.23	808067	950.3451 ng/ml
Trazodone	5.190	9298072	703484.34	76.9	108867.04	502726	757.7779 ng/ml
Venlafaxine	5.043	14138509	172142.88	36.4	7208.32	728232	1048.5340 ng/ml
Zolpidem	4.941	14327924	1477.23	29.3	7969.77	826872	910.6347 ng/ml

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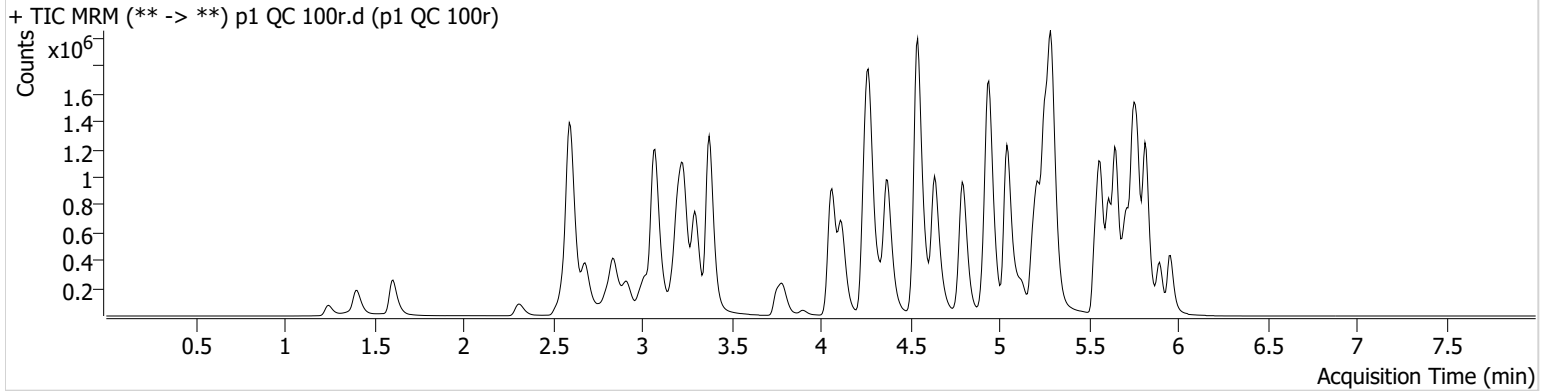


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 QC 100r.d
Type	QC	Sample	p1 QC 100r
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-B2	Comment	Reinjected after samples that were reinjected
Injection Volume	2		
Acq. Date-Time	9/22/2021 12:20:00 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	27585	861.39	74.0	796.04	51672	10.7071 ng/ml
7-aminoclonazepam	4.278	219338	47041.54	82.7	174.06	102324	111.2479 ng/ml
a-hydroxyalprazolam	5.699	224974	427.12	60.8	461.21	180186	112.2465 ng/ml
alpha-PPH	4.944	433747	3354.78	262.9	800.19	606284	121.5230 ng/ml
alpha-PVP	4.376	1597564	32954.11	50.6	2086.90	606284	109.4180 ng/ml
Alprazolam	5.775	728012	625.11	109.3	∞	180186	113.0669 ng/ml
Amphetamine	3.076	2688721	8382.37	51.7	1219.29	218679	117.4246 ng/ml
Benzoylecgonine	3.899	42841	141.95	7.3	436.66	14264	122.9083 ng/ml
Buprenorphine	5.894	33459	2888.14	13.6	6549.91	109049	11.1812 ng/ml
Bupropion	4.801	1718738	105821.78	59.0	801.37	503649	110.3924 ng/ml
Carisoprodol	5.724	486020	17454.63	49.7	239.23	221283	104.3708 ng/ml
Citalopram	5.219	985684	1851.35	44.2	1285.20	401521	110.9523 ng/ml
Clonazepam	5.612	937259	34640.92	32.1	580.62	96090	120.9639 ng/ml
Clonazepam	5.555	440398	102808.09	39.1	89463.67	96090	109.1937 ng/ml
Cocaine	4.271	1322613	2558706.79	47.1	685733.44	935503	112.3738 ng/ml
Codeine	2.580	136917	3638.03	105.8	267.50	62229	112.2736 ng/ml
Cyclobenzaprine	5.622	348129	467.22	9.9	353.40	114798	106.6442 ng/ml
Dextromethorphan	5.268	527194	19002.64	78.9	1622.82	237689	109.1972 ng/ml
Dextrophan	4.118	391342	14473.05	210.6	1457.64	457040	112.5895 ng/ml
Diazepam	5.960	457090	747.71	87.2	5740.15	198384	115.0833 ng/ml
Dihydrocodeine	2.559	395986	934.53	61.4	450.39	202992	117.1597 ng/ml
Diphenhydramine	5.296	2199521	680.51	33.2	47044.33	1558055	108.6513 ng/ml
Doxylamine	4.543	3103480	124302.44	100.0	31561.12	1140975	111.6518 ng/ml
EDDP	5.261	1416325	36368.00	42.7	7529.09	728144	111.0010 ng/ml
Etizolam	5.813	347734	4889.49	27.7	276246.06	96090	92.4962 ng/ml
Fentanyl	5.116	57824	2995.43	65.6	75754.40	283970	11.2422 ng/ml
Flualprazolam	5.705	214704	3411.56	110.3	13086.14	180186	119.5323 ng/ml
Fluoxetine	5.707	154846	4675.45	9.0	113.21	64653	108.4755 ng/ml
Hydrocodone	3.025	500846	∞	37.8	132.08	287167	114.7254 ng/ml
Hydromorphone	1.608	451339	620756.81	72.9	6909.60	126247	119.4081 ng/ml
Ketamine	4.059	1134053	2213.55	41.1	3722.91	484518	116.1351 ng/ml
Lamotrigine	4.294	84463	1049.14	81.0	4236.04	484518	115.0996 ng/ml
Levetiracetam	2.683	374204	2703.86	155.4	11048.42	1294911	96.2007 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	774646	3050.34	52.5	1069.22	96090	106.3038 ng/ml
MDA	3.209	1578795	5417.63	17.9	1972.74	298015	113.0065 ng/ml
MDMA	3.296	1260818	10368.50	61.2	5395.05	100114	111.8619 ng/ml
Meprobamate	4.924	209338	140.61	25.0	1116.61	93298	116.6882 ng/ml
Methadone	5.653	1489756	144319.97	45.2	32436.86	566707	107.1683 ng/ml
Methamphetamine	3.238	1535229	1782.95	42.6	6536.18	667869	123.0373 ng/ml
Metoprolol	4.333	240914	3379.11	92.3	4830.13	1135754	120.6912 ng/ml
Mirtazapine	4.637	1991039	444852.69	44.3	7016.39	606284	98.4150 ng/ml
Mitragynine	5.244	226967	57703.62	39.9	76028.01	566707	110.2399 ng/ml
Morphine	1.247	74064	6328.37	19.6	26.32	9895	105.1817 ng/ml
Norbuprenorphine	4.992	2991	2211.53	87.3	474.48	11616	10.9272 ng/ml
Nordiazepam	5.900	416011	2242.18	60.7	569.46	115851	114.9117 ng/ml
Norfentanyl	4.093	241516	1472.43	36.8	1881.29	917252	10.7527 ng/ml
Norhydrocodone	3.066	43760	160.88	40.2	114.63	32902	101.3838 ng/ml
Noroxycodone	2.916	509623	1592.64	44.7	14915.69	145607	110.5928 ng/ml
O-desmethyl-tramadol	3.376	2436258	63695.39	6.2	5572.70	1304136	108.2971 ng/ml
Oxazepam	5.756	832709	2097.94	76.3	432.52	357297	113.3433 ng/ml
Oxycodone	2.841	1114825	1631.50	28.8	4689.87	408481	113.7955 ng/ml
Oxymorphone	1.405	399462	∞	45.4	∞	114489	113.6887 ng/ml
Phentermine	3.797	504068	521.64	2.7	96.36	557185	114.6710 ng/ml
Promethazine	5.538	854371	78080.87	27.8	7765.69	362137	107.5560 ng/ml
Pseudoephedrine	2.603	2920521	48104.21	14.1	86686.53	1294911	108.6351 ng/ml
Quetiapine	5.562	1163346	51835.77	58.9	22590.80	148551	106.1140 ng/ml
Sertraline	5.776	42190	1204.61	97.1	381.36	15741	113.3730 ng/ml
Temazepam	5.823	1391561	1129.83	29.6	4214.35	655708	108.7580 ng/ml
Tramadol	4.252	2436570	573.32	3.4	1173.55	1135754	112.6840 ng/ml
Trazodone	5.190	1081816	1000463.69	76.9	1785459.54	378706	115.9507 ng/ml
Venlafaxine	5.043	2034714	50465.45	38.0	1141.76	1008499	108.6023 ng/ml
Zolpidem	4.941	2404532	1295.99	30.7	52111.47	1100965	113.7596 ng/ml

AG

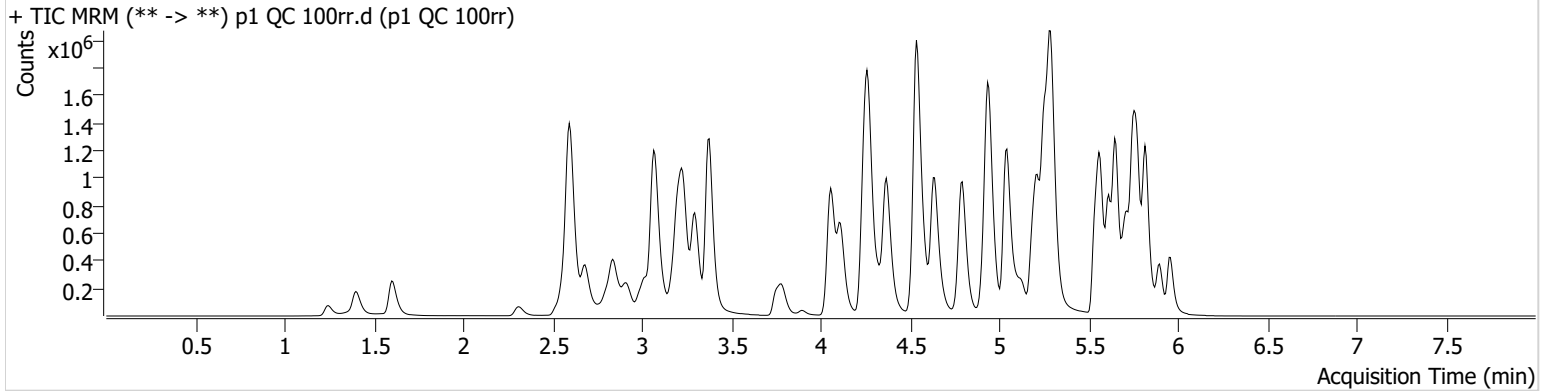


AM #28 Multi-Drug Quant. Results

Batch results C:\Users\agerheart\Desktop\092121 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 9/23/2021 9:16:10 AM

Instrument	Falco (069901)	Data File	p1 QC 100rr.d
Type	QC	Sample	p1 QC 100rr
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P6-B2	Comment	Reinjected after samples that were reinjected
Injection Volume	2		
Acq. Date-Time	9/22/2021 1:44:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	27382	1097.64	70.9	395.06	47996	11.4493 ng/ml
7-aminoclonazepam	4.278	210816	9691.97	81.4	5838.97	94724	115.5183 ng/ml
a-hydroxyalprazolam	5.692	226356	1230.75	60.6	494.64	168896	120.6410 ng/ml
alpha-PHP	4.937	425280	7301.94	269.6	62365.75	603192	119.7378 ng/ml
alpha-PVP	4.370	1599690	3600.29	49.9	1232.30	603192	110.1286 ng/ml
Alprazolam	5.775	703181	6250.79	110.1	3070.44	168896	116.5390 ng/ml
Amphetamine	3.069	2642373	1694.84	51.2	1578.01	203356	124.2059 ng/ml
Benzoylcegonine	3.899	41375	42024.23	8.0	348.73	14668	115.2586 ng/ml
Buprenorphine	5.894	34487	1643.71	13.6	5236.24	114226	11.0004 ng/ml
Bupropion	4.795	1711795	2677.04	59.1	45292.48	494277	112.0408 ng/ml
Carisoprodol	5.724	453747	839568.75	49.1	1764.05	203749	105.8170 ng/ml
Citalopram	5.219	1013795	30401.56	43.6	327.93	415054	110.3928 ng/ml
Clonazepam	5.612	916146	2256.08	32.3	426.71	90369	125.7789 ng/ml
Clonazepam	5.555	413552	517351.74	38.6	190036.45	90369	109.0272 ng/ml
Cocaine	4.264	1319774	933.36	47.2	1167.65	945655	110.9232 ng/ml
Codeine	2.580	132840	504.46	107.1	420.90	59012	114.9049 ng/ml
Cyclobenzaprine	5.622	426010	760687.74	9.8	657.16	137333	109.0969 ng/ml
Dextromethorphan	5.262	555776	24006.18	77.4	10734.72	244807	111.7864 ng/ml
Dextrophan	4.111	374184	1662.42	211.0	873.96	447817	109.8587 ng/ml
Diazepam	5.960	436822	899.89	87.2	2618.37	191516	113.9174 ng/ml
Dihydrocodeine	2.559	389492	3357.11	61.9	912.75	199813	117.0710 ng/ml
Diphenhydramine	5.296	2204106	938.77	33.4	29812.15	1605785	105.6306 ng/ml
Doxylamine	4.536	3046512	3366.88	100.3	173548.92	1113537	112.3072 ng/ml
EDDP	5.254	1386980	579.22	43.4	688.94	711086	111.3108 ng/ml
Etizolam	5.813	342924	55459.80	28.5	3114.50	90369	96.9700 ng/ml
Fentanyl	5.109	65017	6757.13	65.2	127024.03	321425	11.1670 ng/ml
Flualprazolam	5.705	194412	5196.31	111.4	1021.71	168896	115.4184 ng/ml
Fluoxetine	5.707	198277	222.47	9.3	19972.47	81625	110.0311 ng/ml
Hydrocodone	3.018	465044	221.97	39.2	128.85	268801	113.7920 ng/ml
Hydromorphone	1.601	438063	8329.44	73.2	2058688.21	128248	114.0614 ng/ml
Ketamine	4.059	1110268	30362.67	41.4	2890.53	476105	115.7039 ng/ml
Lamotrigine	4.287	80414	1570.35	82.7	1741.45	476105	111.4890 ng/ml
Levetiracetam	2.683	363635	7365.10	154.8	12906.26	1275951	94.8876 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	761008	28817.22	52.5	1255.39	90369	111.1395 ng/ml
MDA	3.203	1540623	7689.41	17.3	1099.28	275876	119.2018 ng/ml
MDMA	3.296	1265051	9424.90	59.0	2500.20	97173	115.6555 ng/ml
Meprobamate	4.917	190653	340.11	24.4	940.30	85331	116.1861 ng/ml
Methadone	5.653	1567571	32722.62	45.1	10086.11	584840	109.2772 ng/ml
Methamphetamine	3.238	1459057	1371.35	42.4	5798.77	652603	119.5401 ng/ml
Metoprolol	4.326	235115	292375.93	92.8	6541.96	1124355	118.9587 ng/ml
Mirtazapine	4.637	2027051	115496.58	44.9	164411.05	603192	100.7224 ng/ml
Mitragynine	5.244	236865	190885.60	40.6	116537.67	584840	111.5029 ng/ml
Morphine	1.247	71082	896.95	19.7	169.62	8938	111.8211 ng/ml
Norbuprenorphine	4.992	2890	243.34	91.2	46.94	11874	10.3232 ng/ml
Nordiazepam	5.900	397582	3172.49	60.5	1008.80	111864	113.7271 ng/ml
Norfentanyl	4.086	235372	1285.82	37.5	2352.59	902517	10.6498 ng/ml
Norhydrocodone	3.066	39092	367.82	42.5	61.22	31029	96.1447 ng/ml
Noroxycodone	2.916	496015	2095.02	43.9	413.80	138883	112.8669 ng/ml
O-desmethyl-tramadol	3.376	2384335	6197.92	6.3	15229.19	1273517	108.5383 ng/ml
Oxazepam	5.756	809141	598.01	75.1	∞	347492	113.2420 ng/ml
Oxycodone	2.834	1083232	1421.98	29.3	949.54	396012	114.0544 ng/ml
Oxymorphone	1.398	377423	531.55	45.4	∞	111679	110.0910 ng/ml
Phentermine	3.790	497853	4804.13	2.6	58.64	538825	117.1464 ng/ml
Promethazine	5.538	1039992	1037.18	27.8	11847.82	434333	109.1696 ng/ml
Pseudoephedrine	2.603	2844065	77197.03	14.2	31500.35	1275951	107.3584 ng/ml
Quetiapine	5.562	1170157	215437.13	60.5	25095.46	150806	105.1337 ng/ml
Sertraline	5.776	52598	2793.79	94.9	119.31	19157	116.1643 ng/ml
Temazepam	5.823	1330459	17105.98	30.8	386.48	646263	105.5142 ng/ml
Tramadol	4.246	2389411	476.43	3.4	278.09	1124355	111.6140 ng/ml
Trazodone	5.190	1135004	727619.75	78.3	432.28	406000	113.4460 ng/ml
Venlafaxine	5.043	1980442	1741.38	38.3	5524.35	985825	108.1350 ng/ml
Zolpidem	4.941	2346506	503254.15	30.8	114570.97	1071475	114.0730 ng/ml