


















Worklist: 5663

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-0549	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3763	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0033	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0109	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0123	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0333	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0418	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0419	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0459	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0467	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0469	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0470	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0484	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0513	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0524	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0594	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0595	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: 2/3/2022

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022



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

TS

Extraction Date: 03/04/2022

Analyst: Tamara Salazar

Plate lot#: IDP-121 Lot #:211018

Plate Re-test Date: 04/18/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52016-2

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. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 6. 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)**
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 14. 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.
- 15. 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:

Curves Limited:

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

alpha-hydroxyalprazolam: 5-250 -- calibrators 7 and 8 dropped due to accuracy

Amphetamine : 5-500 -- calibrator 8 dropped due to accuracy

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

Lamotrigine: 5-500 -- calibrator 8 dropped due to accuracy

Lorazepam: 5-100 -- calibrators 6, 7, and 8 dropped due to accuracy

Meprobamate: 5-250 -- calibrators 7 and 8 dropped due to accuracy

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

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

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2022-0033-1	P2022-0469-1	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	P2022-0109-1	P2022-0470-3	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	P2022-0123-1	P2022-0484-1	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	P2022-0333-1	P2022-0513-1	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	P2022-0418-1	P2022-0524-1	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2022-0419-1	P2022-0594-1	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2022-0549-1	P2022-0459-1	P2022-0595-1	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	P2020-3763-1	P2022-0467-2	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1*

All wells to contain 60 µl of Trapping Solution

TS

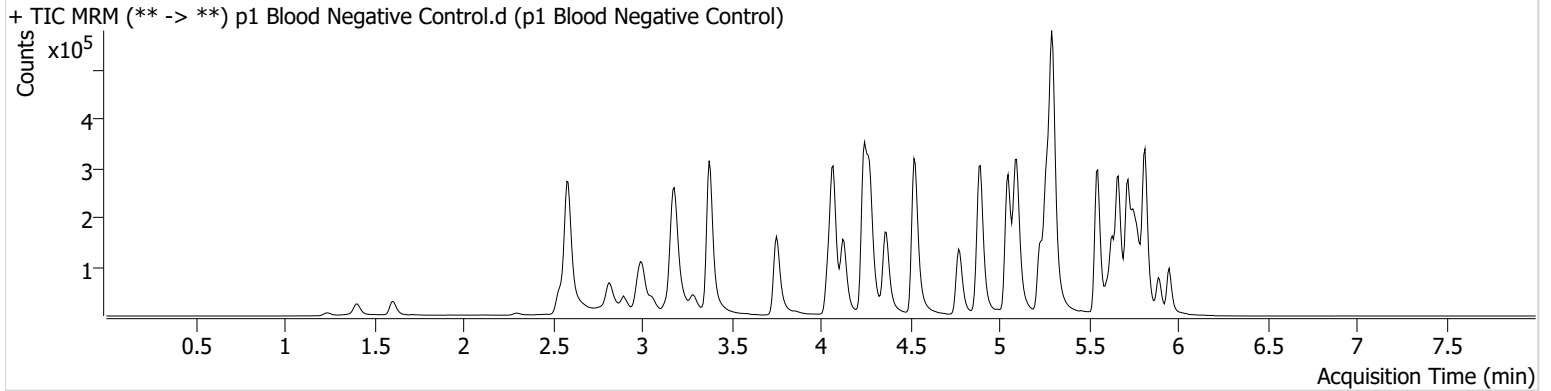


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 AM

Instrument	Falco (069901)	Data File	p1 Blood Negative Control.d
Type	Sample	Sample	p1 Blood Negative Control
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 7:54:29 PM		
Sample Info.			

Sample Chromatogram



TS

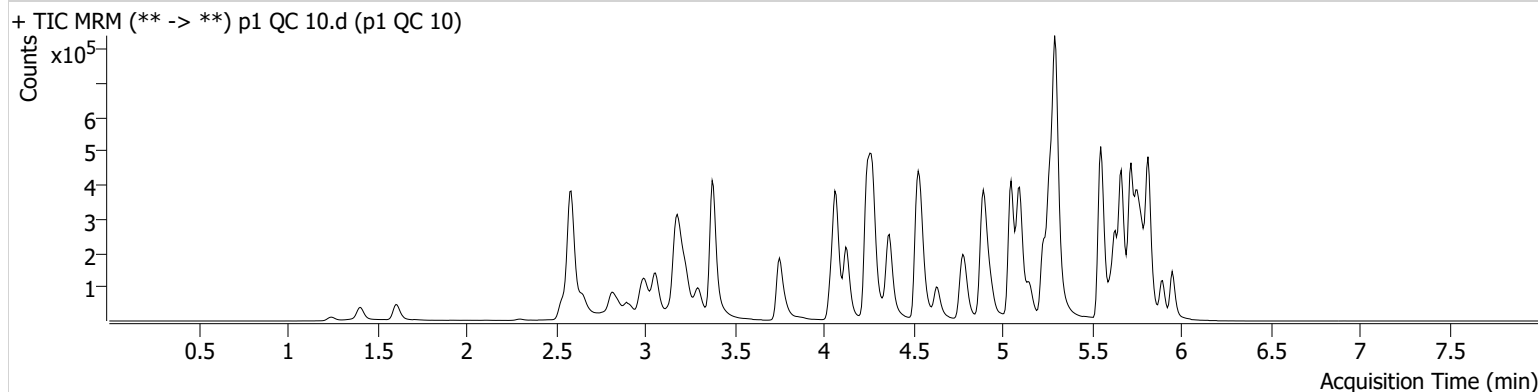


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 6:40:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1615	59.66	78.4	271.73	48215	0.9324 ng/ml
7-aminoclonazepam	4.265	30159	455.30	80.3	53.16	109253	10.5819 ng/ml
a-hydroxyalprazolam	5.699	18926	180.07	69.5	2083.18	224426	10.5612 ng/ml
alpha-PHP	4.944	31356	1992.78	263.5	1671.90	497411	10.2201 ng/ml
alpha-PVP	4.376	111074	2626.38	51.0	1247.97	497411	9.7066 ng/ml
Alprazolam	5.775	56588	359.04	114.3	1127.52	224426	9.6378 ng/ml
Amphetamine	3.063	213352	542.12	46.0	136.77	271471	10.8006 ng/ml
Benzoylecgonine	3.886	2359	12.31	8.4	49.43	7426	11.0586 ng/ml
Buprenorphine	5.826	2866	311.83	16.0	1104.19	95627	1.0829 ng/ml
Bupropion	4.795	118526	47266.30	63.9	946.13	419842	10.0510 ng/ml
Carisoprodol	5.730	68630	575.30	55.2	384.60	313194	10.1752 ng/ml
Citalopram	5.232	89219	3544.72	36.9	486.50	406873	9.8524 ng/ml
Clonazepam	5.612	71475	2006.05	34.4	171.20	91894	10.7264 ng/ml
Clonazepam	5.555	45296	10415.57	34.5	25846.55	91894	10.4670 ng/ml
Cocaine	4.271	76046	2373.11	54.3	1500.62	655986	10.0270 ng/ml
Codeine	2.593	9684	946.12	106.8	468.07	49651	9.8778 ng/ml
Cyclobenzaprine	5.635	84334	792.99	7.6	141.73	382128	9.7389 ng/ml
Dextromethorphan	5.275	59106	246.25	79.3	1295.30	281486	10.0106 ng/ml
Dextrophan	4.132	31764	367.37	216.1	2051.97	373288	9.9273 ng/ml
Diazepam	5.960	42525	656.04	91.2	352.69	203930	10.1207 ng/ml
Dihydrocodeine	2.565	23415	81.07	60.3	52.74	148699	10.1413 ng/ml
Diphenhydramine	5.303	259523	178.53	30.5	458.60	1417022	9.9908 ng/ml
Doxylamine	4.543	223403	1655.16	102.2	2317.70	1012036	9.7777 ng/ml
EDDP	5.268	97126	1212.71	41.6	7578.33	543599	10.0698 ng/ml
Etizolam	5.820	25707	39499.93	24.8	7260.11	91894	9.9985 ng/ml
Fentanyl	5.109	7645	162.94	76.2	299.28	465452	1.0081 ng/ml
Flualprazolam	5.712	25843	680.89	94.6	441.74	224426	10.3820 ng/ml
Fluoxetine	5.721	95283	763.07	8.9	1317.91	349577	10.0772 ng/ml
Hydrocodone	3.032	37200	65.16	32.9	230.55	210048	10.2669 ng/ml
Hydromorphone	1.615	30823	191.15	73.9	112.29	107463	9.5496 ng/ml
Ketamine	4.059	74271	7013.98	37.6	309.67	327081	10.3280 ng/ml
Lamotrigine	4.287	7175	388.32	77.8	5169.10	327081	10.8229 ng/ml
Levetiracetam	2.656	42672	448.46	139.0	1371.75	966004	11.4328 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	68957	1741.90	50.2	157.18	91894	10.7052 ng/ml
MDA	3.209	132281	788.12	29.8	144.68	419038	10.5378 ng/ml
MDMA	3.303	72825	1321.31	90.5	506.37	87428	9.9544 ng/ml
Meprobamate	4.911	40457	138.54	25.2	313.10	213243	10.4090 ng/ml
Methadone	5.666	146912	858.15	55.2	2738.93	645757	10.3884 ng/ml
Methamphetamine	3.231	158178	241.47	38.7	298.64	620209	10.5634 ng/ml
Metoprolol	4.340	20759	410.35	95.8	962.95	896299	10.5010 ng/ml
Mirtazapine	4.637	157621	3132.41	47.7	3565.77	497411	9.9005 ng/ml
Mitragynine	5.237	33760	14208.49	33.3	71.03	645757	10.1096 ng/ml
Morphine	1.253	4919	170.23	20.7	2482.63	8488	9.9797 ng/ml
Norbuprenorphine	5.006	324	961.73	96.2	101.65	14564	0.9535 ng/ml
Nordiazepam	5.900	44724	481.55	58.9	878.61	150321	10.1322 ng/ml
Norfentanyl	4.093	16497	323.60	35.2	139.57	781229	0.9503 ng/ml
Norhydrocodone	3.080	5627	52.55	39.2	55.10	57691	9.2792 ng/ml
Noroxycodone	2.923	36536	325.97	50.5	253.59	116058	10.0073 ng/ml
O-desmethyl-tramadol	3.383	158969	4056.90	5.7	783.33	942890	9.8090 ng/ml
Oxazepam	5.756	82703	175.59	74.6	196.80	329332	10.1225 ng/ml
Oxycodone	2.848	66363	410.15	28.3	339.85	263758	10.3950 ng/ml
Oxymorphone	1.411	28012	446.85	47.8	100.60	95399	9.3266 ng/ml
Phentermine	3.790	44463	199.27	5.2	74.72	532119	10.1242 ng/ml
Promethazine	5.552	164934	207.87	29.8	282.59	725344	10.0063 ng/ml
Pseudoephedrine	2.596	191473	1634.92	16.8	477.15	966004	9.9756 ng/ml
Quetiapine	5.562	110510	200.52	57.6	1152.56	161494	10.1756 ng/ml
Sertraline	5.789	30538	255.92	95.4	3406.72	137437	10.0639 ng/ml
Temazepam	5.823	132712	482.05	27.9	113.40	661298	10.0795 ng/ml
Tramadol	4.259	180122	3234.33	3.0	164.70	896299	10.0537 ng/ml
Trazodone	5.149	118586	1184.60	75.2	1140.12	477342	10.3230 ng/ml
Venlafaxine	5.050	149567	753.41	34.5	298.82	838247	10.0070 ng/ml
Zolpidem	4.914	166410	3829.35	31.1	1105.62	727569	10.2053 ng/ml

TS

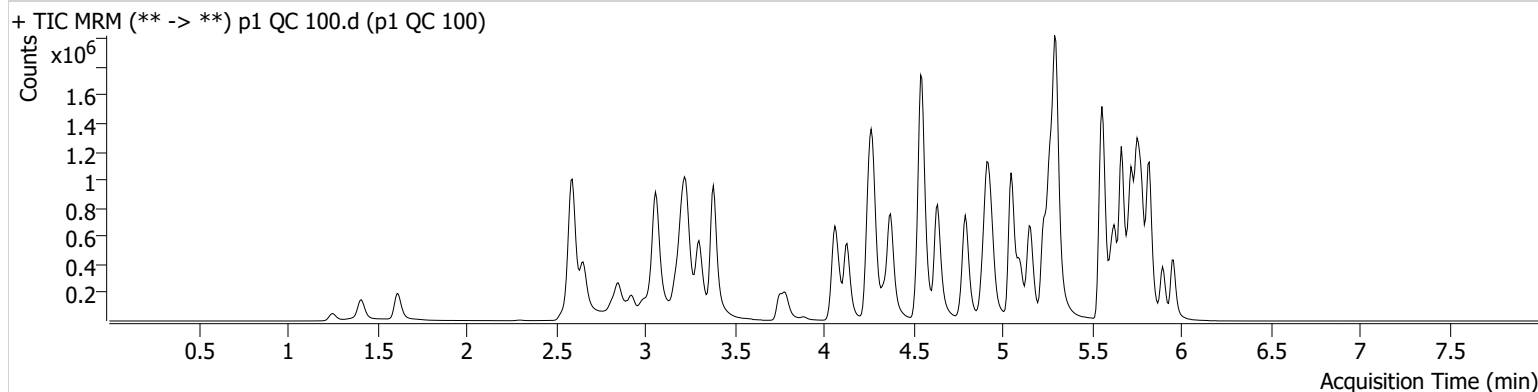


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	3/5/2022 2:16:50 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	16297	757.39	70.5	356.53	46278	9.7159 ng/ml
7-aminoclonazepam	4.265	210758	3396.59	81.0	2833.75	82080	103.1018 ng/ml
a-hydroxyalprazolam	5.699	152606	4457.88	68.9	5155.90	199449	101.3010 ng/ml
alpha-PHP	4.944	272293	21371.41	260.7	71491.80	450620	101.2361 ng/ml
alpha-PVP	4.376	996803	148329.64	51.6	20014.82	450620	95.4927 ng/ml
Alprazolam	5.782	516281	2778.85	110.9	687.92	199449	95.5412 ng/ml
Amphetamine	3.063	1859652	15861.66	47.7	985.04	264500	105.4046 ng/ml
Benzoylcegonine	3.886	20762	10557.90	8.2	168.40	7133	100.0803 ng/ml
Buprenorphine	5.833	21990	61497.70	16.1	7609.15	84795	10.1200 ng/ml
Bupropion	4.795	1080268	55340.21	63.6	8380.95	391842	98.1874 ng/ml
Carisoprodol	5.730	570343	23497.63	54.7	365.44	255824	93.0591 ng/ml
Citalopram	5.232	776781	12449.47	38.2	637.25	355737	96.4926 ng/ml
Clonazepam	5.612	592266	1143.07	35.5	13090.02	80635	107.5545 ng/ml
Clonazepam	5.555	365379	103509.20	36.1	175300.93	80635	104.4267 ng/ml
Cocaine	4.277	682720	21721.18	54.4	877.78	610524	98.3478 ng/ml
Codeine	2.593	90446	7536.74	100.2	6873.29	46826	105.4060 ng/ml
Cyclobenzaprine	5.635	577357	41777.68	7.9	5107.09	258242	92.8776 ng/ml
Dextromethorphan	5.275	489489	17265.16	79.2	10131.70	237584	100.5676 ng/ml
Dextrophan	4.132	293860	597.67	215.3	75783.13	351139	97.0873 ng/ml
Diazepam	5.960	373114	9721.99	92.7	8817.51	184646	100.2526 ng/ml
Dihydrocodeine	2.572	226568	605.45	60.2	393.73	144720	105.8118 ng/ml
Diphenhydramine	5.303	2251921	50623.19	31.0	28863.50	1224876	98.0300 ng/ml
Doxylamine	4.549	2140773	180627.54	99.7	260947.68	965458	97.2231 ng/ml
EDDP	5.268	866707	32647.03	41.6	2838.06	485140	99.1632 ng/ml
Etizolam	5.820	214072	5249.64	25.9	116275.77	80635	89.8998 ng/ml
Fentanyl	5.109	62073	294.20	75.6	116183.28	375435	10.0549 ng/ml
Flualprazolam	5.705	219231	3128.72	98.8	4257.79	199449	102.9734 ng/ml
Fluoxetine	5.721	442226	16913.85	8.4	52019.60	163283	96.7056 ng/ml
Hydrocodone	3.032	339525	863.72	33.4	5209.10	202852	101.8898 ng/ml
Hydromorphone	1.621	312341	377606.81	74.3	561.48	103709	100.4210 ng/ml
Ketamine	4.059	691780	29986.83	38.7	503.14	317943	102.8534 ng/ml
Lamotrigine	4.294	62810	1364.09	84.6	2177.91	317943	104.0338 ng/ml
Levetiracetam	2.656	380672	8548.45	140.6	7288.34	898325	111.2188 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	489442	3727.39	51.4	645.93	80635	97.9097 ng/ml
MDA	3.209	1149154	7692.14	29.8	1365.85	388830	106.5843 ng/ml
MDMA	3.303	679457	12469.47	91.7	1625.43	83297	96.7434 ng/ml
Meprobamate	4.911	332069	11093.80	25.4	501.40	196061	99.2633 ng/ml
Methadone	5.666	1253456	32071.18	52.5	1259.40	555165	90.7479 ng/ml
Methamphetamine	3.238	1422210	17597.21	39.5	455.59	604651	104.3312 ng/ml
Metoprolol	4.340	185766	967949.79	95.2	796.74	864899	101.9373 ng/ml
Mirtazapine	4.637	1432916	3011.64	47.4	42083.60	450620	96.2851 ng/ml
Mitragynine	5.237	270756	219419.90	36.0	220021.71	555165	97.3825 ng/ml
Morphine	1.253	48706	4023.86	18.4	445.49	8963	95.6982 ng/ml
Norbuprenorphine	5.006	2576	19460.43	109.2	1192.20	13179	9.0553 ng/ml
Nordiazepam	5.900	383489	1250388.26	58.5	59712.02	131713	100.8662 ng/ml
Norfentanyl	4.093	157039	645.90	35.1	543.88	735851	9.3769 ng/ml
Norhydrocodone	3.080	48943	230.24	38.7	134.25	45395	91.0543 ng/ml
Noroxycodone	2.923	331709	1198.14	48.4	445.38	110556	99.9693 ng/ml
O-desmethyl-tramadol	3.383	1502659	45190.48	5.6	7979.23	913542	94.3042 ng/ml
Oxazepam	5.756	666248	434.60	74.0	24542.72	261515	106.5619 ng/ml
Oxycodone	2.848	634077	1163.78	29.3	421.56	259852	102.2763 ng/ml
Oxymorphone	1.411	289784	∞	46.1	∞	92877	104.0575 ng/ml
Phentermine	3.790	408550	307.88	5.8	362.64	512988	101.8073 ng/ml
Promethazine	5.552	1105234	45227.07	30.9	8223.32	494995	95.9844 ng/ml
Pseudoephedrine	2.596	1801900	31723.46	16.9	21702.45	898325	97.1073 ng/ml
Quetiapine	5.562	957111	44315.26	58.9	23967.30	142191	108.1395 ng/ml
Sertraline	5.789	114914	443.84	93.8	22195.17	51483	95.3946 ng/ml
Temazepam	5.823	1102636	1565.85	27.1	2435.11	550855	100.5292 ng/ml
Tramadol	4.259	1633197	8219.68	3.3	431.54	864899	98.2904 ng/ml
Trazodone	5.156	978915	47723.84	77.9	14941.99	408586	101.6255 ng/ml
Venlafaxine	5.050	1393325	97793.49	34.4	1593.15	782994	96.9091 ng/ml
Zolpidem	4.914	1555270	3307.26	29.9	42005.24	688604	103.7334 ng/ml

TS

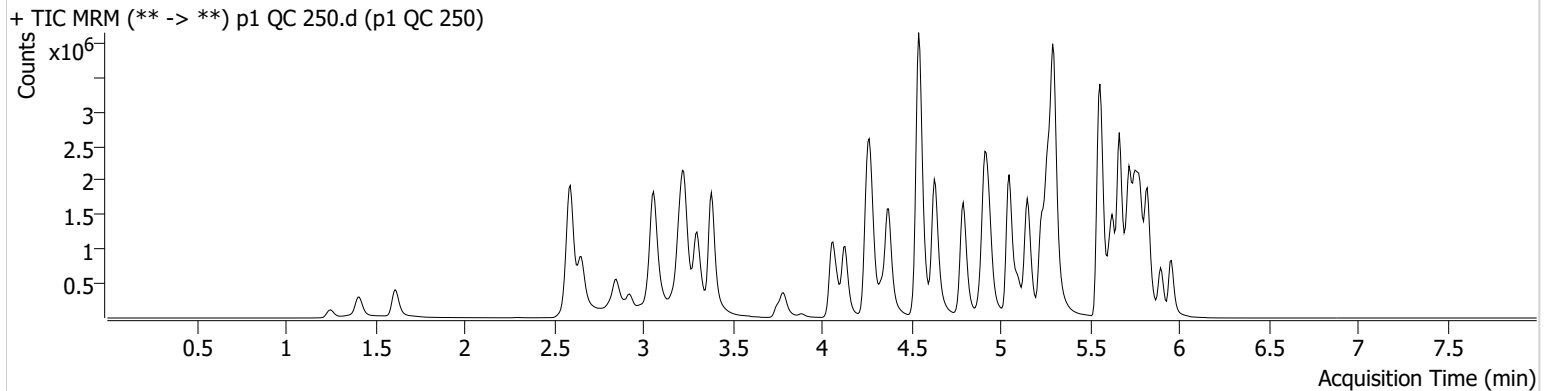


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 7:01:23 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	40234	981.59	69.6	341.20	43535	25.4824 ng/ml
7-aminoclonazepam	4.265	441682	934.01	77.3	564.70	69084	257.5535 ng/ml
a-hydroxyalprazolam	5.699	286919	400.93	68.7	1133.39	168474	226.3075 ng/ml
alpha-PHP	4.944	650739	1412.51	262.4	115417.51	428755	254.8535 ng/ml
alpha-PVP	4.376	2430245	3031.93	51.6	137346.95	428755	244.5715 ng/ml
Alprazolam	5.775	1153050	1214.52	109.4	1754.82	168474	252.0068 ng/ml
Amphetamine	3.063	3975840	686.85	47.3	521.81	246119	243.6133 ng/ml
Benzoylecgonine	3.886	52745	1207.75	7.7	239.05	7230	250.6111 ng/ml
Buprenorphine	5.826	54661	3005.74	15.0	13415.03	85964	24.9556 ng/ml
Bupropion	4.795	2645570	772.54	63.5	40078.85	371855	253.3915 ng/ml
Carisoprodol	5.730	1109036	30713.15	53.8	8731.57	190105	241.6651 ng/ml
Citalopram	5.232	1851809	203367.66	37.6	33115.94	329677	247.9336 ng/ml
Clonazepam	5.612	1210146	29308.04	34.3	25200.28	68568	259.4777 ng/ml
Clonazepam	5.555	679085	53252.13	36.5	28148.34	68568	229.4307 ng/ml
Cocaine	4.271	1596416	41321.83	54.5	53093.13	565689	248.4819 ng/ml
Codeine	2.593	196133	100.97	100.9	8708.44	39838	269.9915 ng/ml
Cyclobenzaprine	5.635	1675928	109432.76	7.8	6564.84	280853	246.8401 ng/ml
Dextromethorphan	5.275	1148125	∞	78.7	42508.78	225406	249.0231 ng/ml
Dextrophan	4.132	690000	2805.23	215.7	22884.57	324780	246.3729 ng/ml
Diazepam	5.960	844507	14647.23	91.2	658.98	162644	258.0018 ng/ml
Dihydrocodeine	2.565	522036	626.59	60.6	9128.88	136996	258.3465 ng/ml
Diphenhydramine	5.303	5447792	105382.69	30.9	21509.76	1160498	249.9193 ng/ml
Doxylamine	4.543	5418385	13316.00	98.9	176193.73	916817	258.9482 ng/ml
EDDP	5.268	2036258	72004.94	41.5	795.77	448338	251.8387 ng/ml
Etizolam	5.820	480846	17787.23	26.4	177324.01	68568	236.5069 ng/ml
Fentanyl	5.109	171838	348.25	76.4	473156.55	417717	25.0027 ng/ml
Flualprazolam	5.705	463444	9102.52	101.4	34439.63	168474	258.3834 ng/ml
Fluoxetine	5.721	1467431	59906.89	8.7	25566.81	213221	245.1490 ng/ml
Hydrocodone	3.032	761870	168.60	34.4	642.28	190901	243.7425 ng/ml
Hydromorphone	1.615	739177	3541.88	75.3	2211514.71	98956	249.0910 ng/ml
Ketamine	4.059	1649482	2209.96	38.4	1036.76	300092	260.5248 ng/ml
Lamotrigine	4.287	138640	2173.91	86.4	9654.24	300092	244.3900 ng/ml
Levetiracetam	2.656	856035	6449.10	142.8	39416.64	811928	276.9835 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.753	773988	3894.23	51.2	1697.02	68568	183.4534 ng/ml
MDA	3.209	2356254	3788.05	29.1	1713.13	325414	262.5070 ng/ml
MDMA	3.303	1601831	7696.59	92.1	6936.19	76028	249.7467 ng/ml
Meprobamate	4.904	646105	2233.62	25.5	1208.30	168553	225.6665 ng/ml
Methadone	5.666	3162829	6065.06	53.2	1660.44	547745	229.9299 ng/ml
Methamphetamine	3.231	3448969	15333.64	38.7	826.59	583534	263.4383 ng/ml
Metoprolol	4.340	432031	3472.00	95.7	28724.93	775677	265.2195 ng/ml
Mirtazapine	4.631	3570864	3988.75	46.3	4117.57	428755	251.6321 ng/ml
Mitragynine	5.237	676228	4589.32	35.5	2499.32	547745	247.0783 ng/ml
Morphine	1.253	120848	3117.98	20.0	649.85	8301	256.8290 ng/ml
Norbuprenorphine	5.006	6962	86.11	101.5	97.71	13222	24.5428 ng/ml
Nordiazepam	5.900	831772	3276.64	58.7	3130.55	114441	252.0851 ng/ml
Norfentanyl	4.093	377567	72298.04	36.2	1514.32	650539	25.4583 ng/ml
Norhydrocodone	3.080	107362	326.69	40.7	466.96	36368	247.3286 ng/ml
Noroxycodone	2.923	694437	1565.79	48.1	7244.54	92357	251.3384 ng/ml
O-desmethyl-tramadol	3.383	3673769	91522.31	5.6	23958.52	860410	244.5427 ng/ml
Oxazepam	5.756	1164272	262.19	74.2	9889.99	187848	259.8508 ng/ml
Oxycodone	2.848	1493256	1791.59	29.8	2440.32	247852	252.7702 ng/ml
Oxymorphone	1.411	662590	∞	45.6	∞	92072	240.6813 ng/ml
Phentermine	3.790	908163	∞	5.8	4897.45	478515	243.4708 ng/ml
Promethazine	5.552	3326709	1700.81	30.1	666.13	564448	252.9377 ng/ml
Pseudoephedrine	2.596	4202362	64634.41	16.8	23434.44	811928	249.9048 ng/ml
Quetiapine	5.562	2111520	38617.13	60.8	37808.98	129736	262.7666 ng/ml
Sertraline	5.789	469488	1433.14	93.9	595.56	82387	242.5700 ng/ml
Temazepam	5.823	2155384	5231.43	27.0	6667.70	424804	254.8186 ng/ml
Tramadol	4.252	3896936	108400.25	3.2	2253.74	775677	262.2611 ng/ml
Trazodone	5.149	2534952	51698.50	79.4	1114.61	425970	252.7809 ng/ml
Venlafaxine	5.050	3377301	2671.61	34.5	5627.30	734008	250.0650 ng/ml
Zolpidem	4.914	3722641	119230.85	29.3	111296.24	657978	260.3512 ng/ml

*Outside curve range.

TS

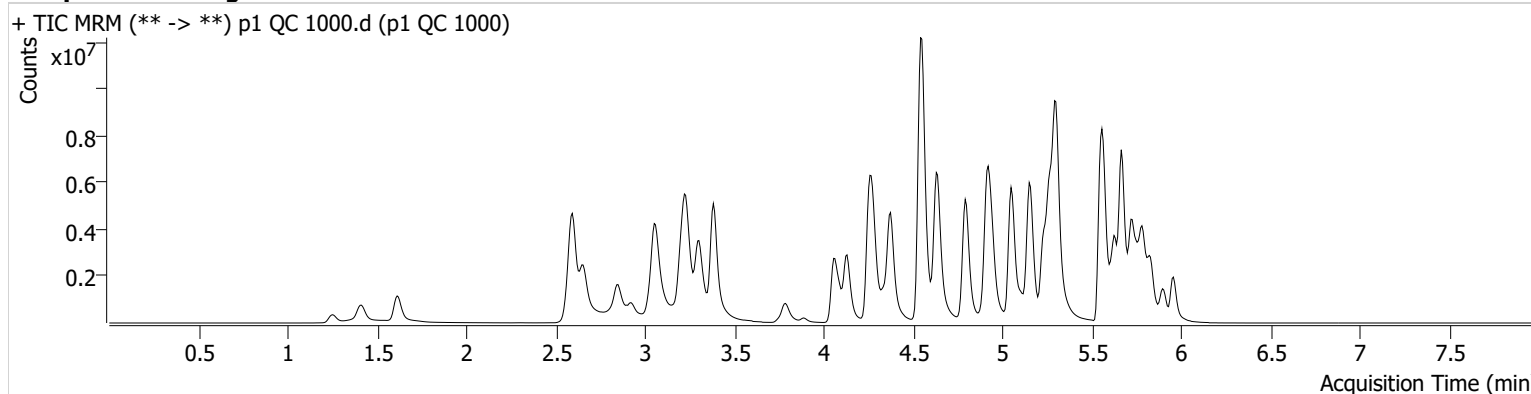


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D2	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 7:22:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	137992	1635.94	70.2	19433.53	36038	105.5548 ng/ml
* 7-aminoclonazepam	4.265	908824	6032.33	79.9	2557.98	45415	807.3483 ng/ml
* a-hydroxyalprazolam	5.692	432435	467.16	67.8	907.33	104952	548.4898 ng/ml
alpha-PHP	4.944	1971538	47421.61	262.8	180447.89	343246	965.5392 ng/ml
alpha-PVP	4.376	8147828	∞	51.7	110515.63	343246	1024.0028 ng/ml
Alprazolam	5.775	2960844	1438.88	106.9	∞	104952	1037.6362 ng/ml
* Amphetamine	3.063	10164235	230.27	46.7	274.95	210286	731.1249 ng/ml
Benzoylcegonine	3.886	199376	15896.03	8.0	2262.27	6647	1029.8617 ng/ml
Buprenorphine	5.833	174971	2424.70	14.9	91521.66	71289	96.6065 ng/ml
Bupropion	4.795	9061435	242127.16	62.4	158951.93	320290	1007.6390 ng/ml
Carisoprodol	5.730	1882046	91866.38	55.3	3721.64	75294	1031.7069 ng/ml
Citalopram	5.232	5196783	139198.80	37.1	47511.11	223349	1026.4535 ng/ml
Clonazepam	5.612	2363475	61010.66	34.4	54301.03	39574	879.8155 ng/ml
* Clonazepam	5.562	1061755	6253.37	38.4	78820.54	39574	623.2339 ng/ml
Cocaine	4.277	4656574	101660.07	54.4	133903.50	407925	1005.6787 ng/ml
Codeine	2.593	501854	8002.32	98.9	4244.52	31447	877.0710 ng/ml
Cyclobenzaprine	5.635	5327616	1890.14	7.3	1509.74	203633	1080.0984 ng/ml
Dextromethorphan	5.275	2980660	35522.79	78.0	226076.92	142829	1021.0825 ng/ml
Dextrophan	4.132	2281204	166854.14	215.6	295680.12	251356	1052.2618 ng/ml
Diazepam	5.960	2311893	∞	92.7	15033.25	119966	958.2409 ng/ml
Dihydrocodeine	2.565	1572114	17122.76	60.8	7325.41	121954	875.3041 ng/ml
Diphenhydramine	5.303	15905312	391942.91	31.4	32984.54	802233	1054.7101 ng/ml
Doxylamine	4.543	18197331	542371.12	98.3	12993.71	798438	998.2877 ng/ml
EDDP	5.268	6627351	49612.74	40.6	85748.36	343791	1068.3600 ng/ml
Etizolam	5.820	1359935	21890.73	26.0	13911.71	39574	1156.6489 ng/ml
Fentanyl	5.109	701318	79577.90	74.3	1050557.76	407512	104.5657 ng/ml
Flualprazolam	5.705	1027010	29274.36	107.9	9536.53	104952	920.3093 ng/ml
Fluoxetine	5.727	4100659	178018.57	8.4	64960.37	137057	1064.4668 ng/ml
Hydrocodone	3.025	2363172	174.00	35.8	232.53	158943	909.6243 ng/ml
Hydromorphone	1.615	2460547	9741239.10	74.0	12564821.3	78975	1038.9926 ng/ml
					5		
Ketamine	4.059	5437067	473624.67	37.0	73472.07	263803	978.1242 ng/ml
* Lamotrigine	4.294	347310	1404.71	85.0	29632.65	263803	697.9580 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	2413586	50324.84	145.4	2877.04	590330	1074.6249 ng/ml
* Lorazepam	5.753	905318	77991.30	51.2	4224.11	39574	373.4287 ng/ml
MDA	3.203	5058463	23588.35	28.1	739.01	218131	842.8191 ng/ml
MDMA	3.303	5051310	3681.23	91.8	4514.48	59637	1003.7709 ng/ml
* Meprobamate	4.904	1228732	26753.19	24.9	4696.79	124789	580.9234 ng/ml
Methadone	5.666	10445129	417942.32	50.6	66735.88	402023	1029.7303 ng/ml
Methamphetamine	3.231	10921307	2021.51	37.8	37572.67	544894	895.3524 ng/ml
Metoprolol	4.340	1197755	3185332.35	96.8	5470.32	641466	890.4255 ng/ml
Mirtazapine	4.631	12190877	12371.87	45.3	276493.58	343246	1071.9713 ng/ml
Mitragynine	5.237	1985346	105812.85	35.9	271893.90	402023	989.4430 ng/ml
Morphine	1.253	399206	341.73	19.2	1047.78	7090	993.9262 ng/ml
Norbuprenorphine	5.006	26076	463.44	95.7	738.19	12422	98.1184 ng/ml
Nordiazepam	5.900	1960298	63405.78	57.6	29931.72	69795	974.6982 ng/ml
* Norfentanyl	4.093	1290022	55793.63	35.8	2261.93	470861	120.0822 ng/ml
Norhydrocodone	3.080	372860	167.47	40.6	693.26	26506	1174.2336 ng/ml
Noroxycodone	2.923	1732228	2408.70	49.3	35117.98	60841	953.2092 ng/ml
O-desmethyl-tramadol	3.383	12715318	∞	5.5	16695.01	698073	1042.6962 ng/ml
Oxazepam	5.756	1401457	14257.67	73.2	12160.90	61649	954.2065 ng/ml
Oxycodone	2.841	4986454	1467.46	29.7	1054.51	213985	978.1539 ng/ml
Oxymorphone	1.411	2017416	∞	46.7	302.16	69195	976.6613 ng/ml
* Phentermine	3.790	2557384	∞	5.7	2904.33	423030	776.9000 ng/ml
Promethazine	5.552	11252560	494919.12	29.0	3052.92	452204	1067.0921 ng/ml
Pseudoephedrine	2.596	12813558	87849.25	16.1	65937.60	590330	1046.6846 ng/ml
Quetiapine	5.569	5697746	375480.78	61.2	175708.61	104801	879.8868 ng/ml
Sertraline	5.796	1365757	711614.95	92.0	218835.29	58257	995.9506 ng/ml
Temazepam	5.830	3729507	20375.46	26.9	17096.94	192529	972.8575 ng/ml
Tramadol	4.252	12019591	∞	3.1	4635.48	641466	979.3975 ng/ml
Trazodone	5.149	9215929	6698.41	79.0	238548.20	411076	952.9563 ng/ml
Venlafaxine	5.050	11414527	1635.71	32.7	1818.07	588994	1052.2141 ng/ml
Zolpidem	4.914	11715352	390478.37	27.9	1958.27	575685	937.3281 ng/ml

*Outside curve range.

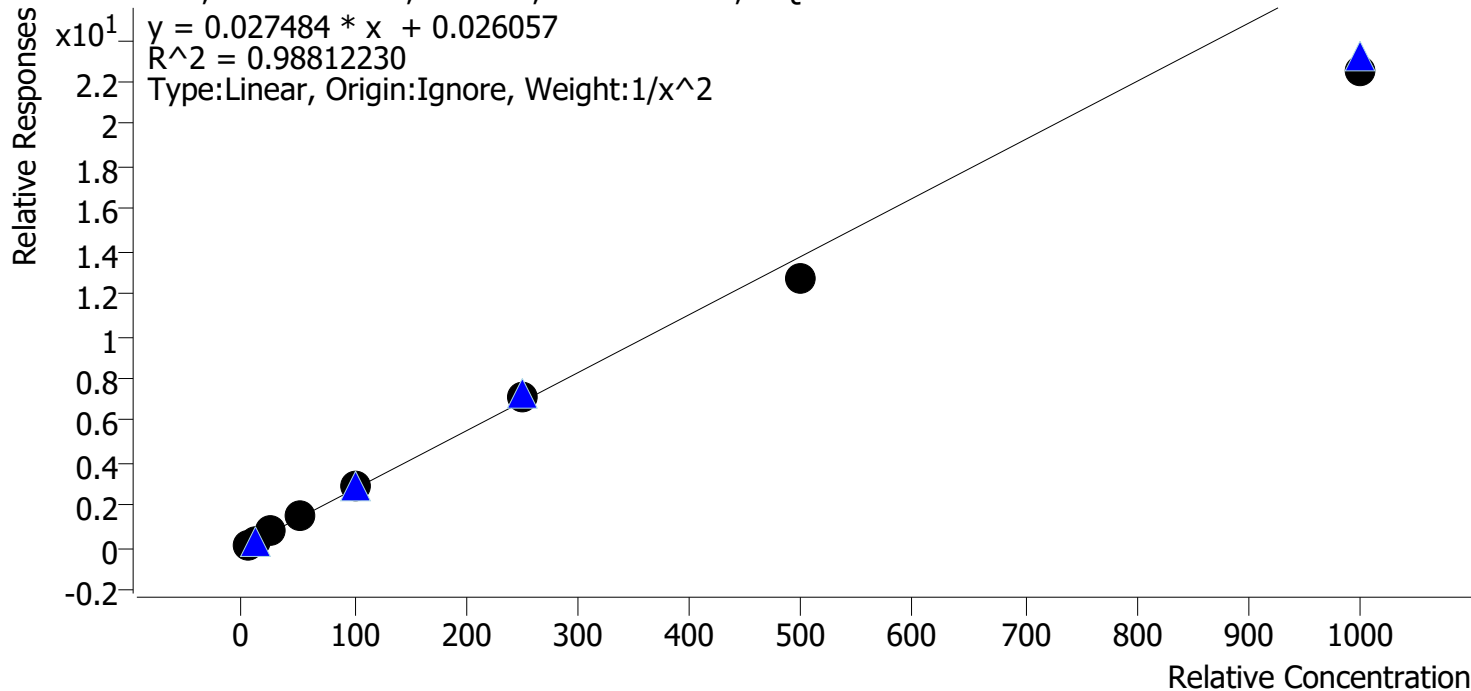
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	459.5	91.9
p1 Cal 8-1000ng	8	✓	1000.0	818.2	81.8

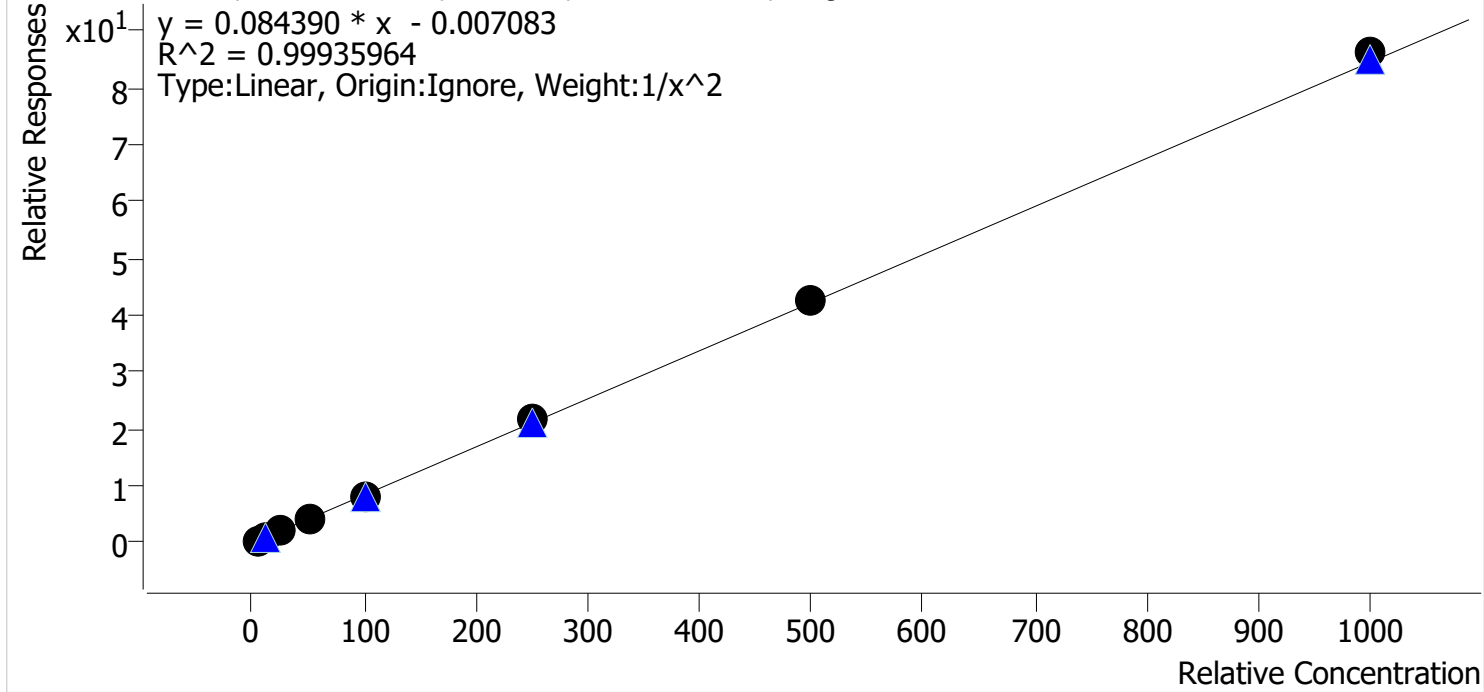
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	501.7	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1020.0	102.0

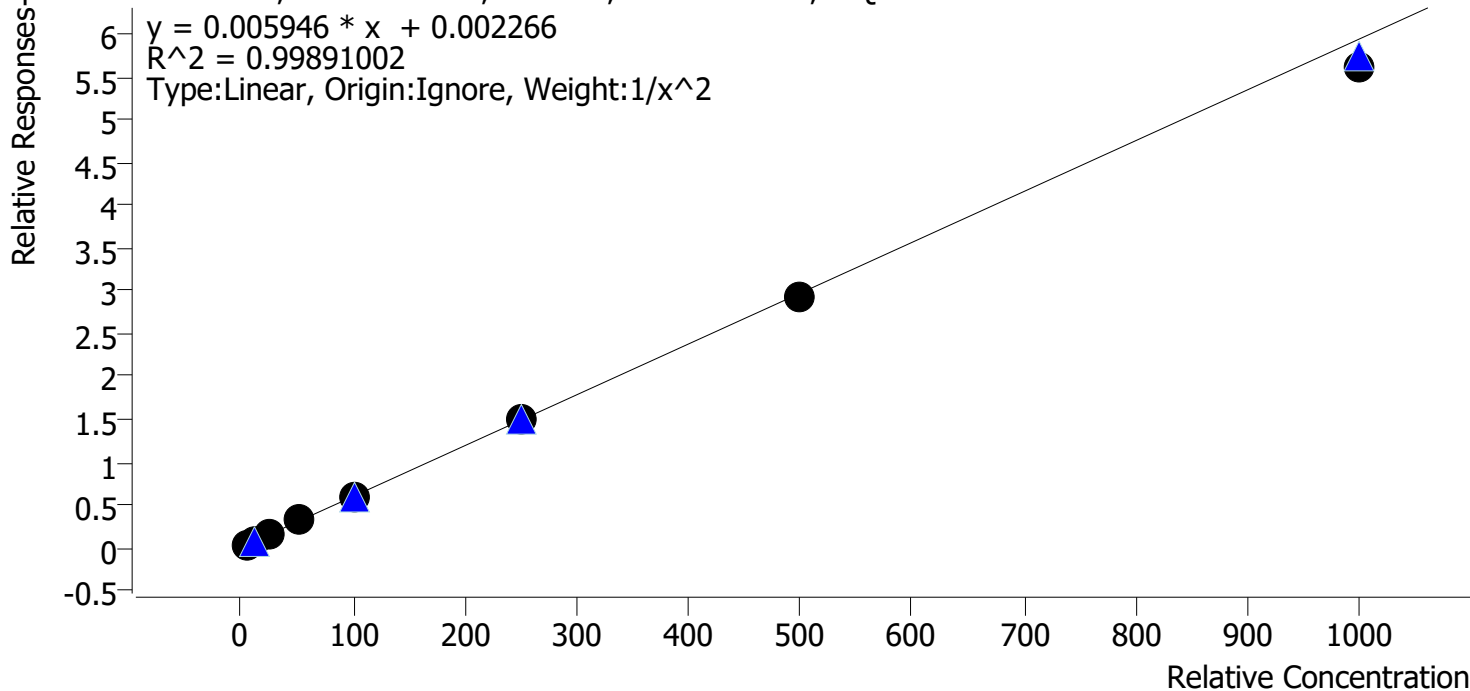
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



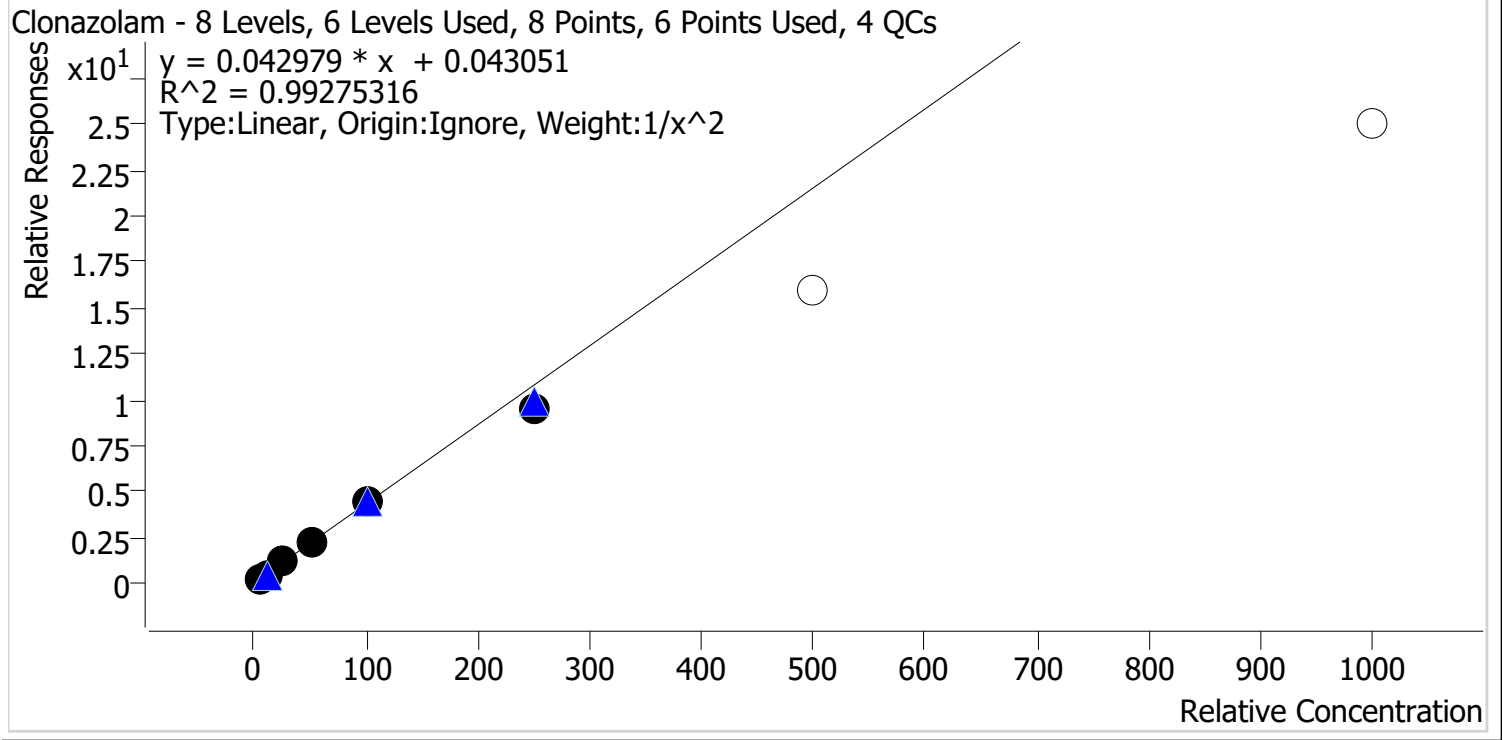
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	947.1	94.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



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	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	219.0	87.6
p1 Cal 7-500ng	7	x	500.0	369.5	73.9
p1 Cal 8-1000ng	8	x	1000.0	582.4	58.2

*Calibrators 7 and 8 dropped due to accuracy.

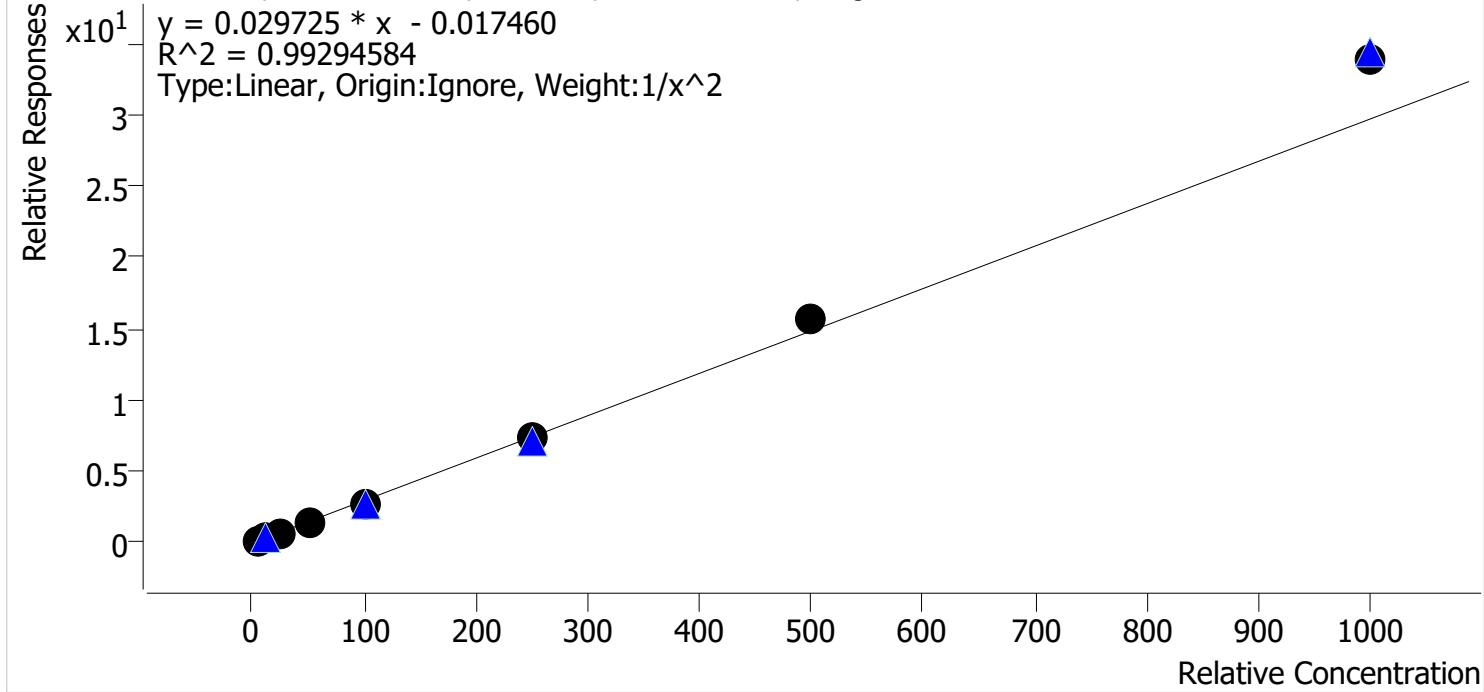
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



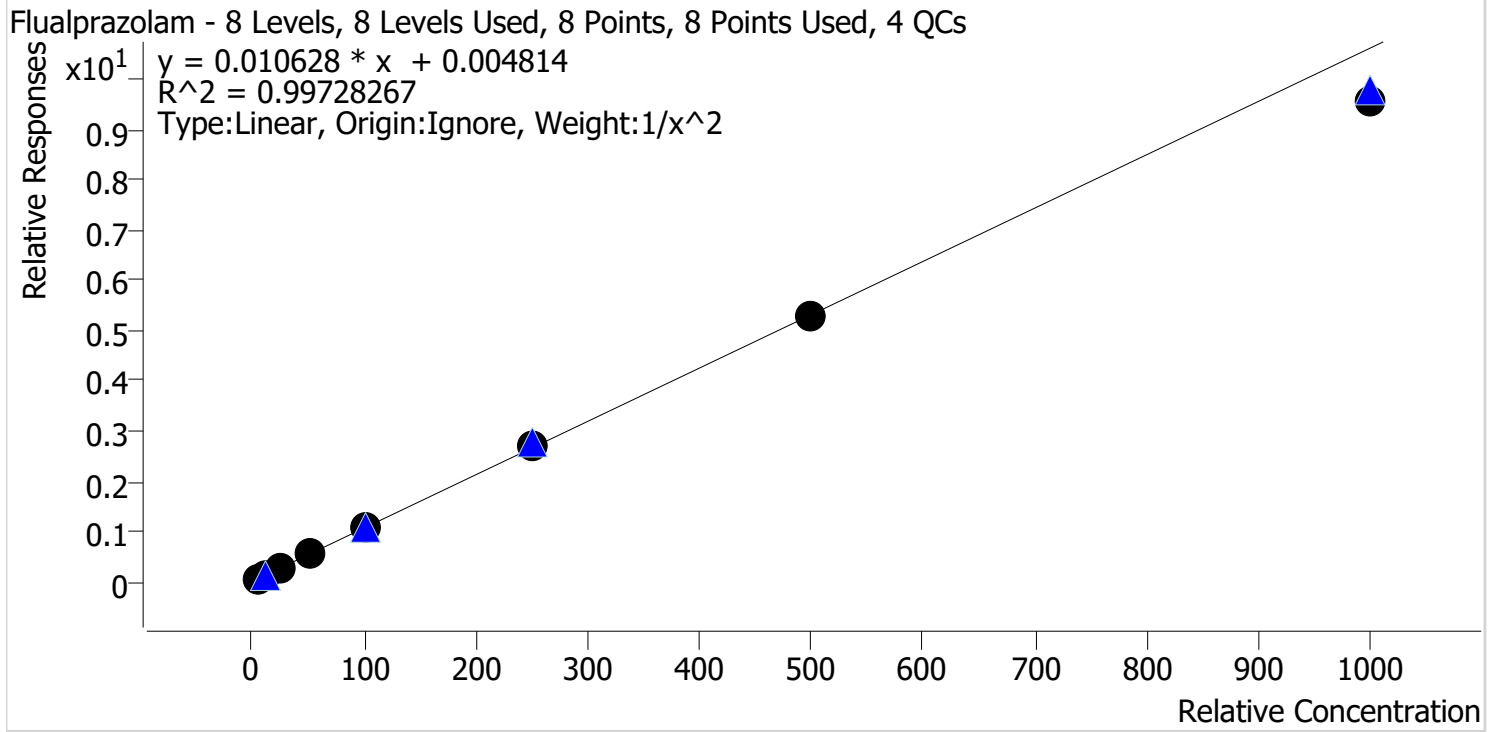
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	46.7	93.5
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
p1 Cal 7-500ng	7	✓	500.0	530.5	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1140.1	114.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



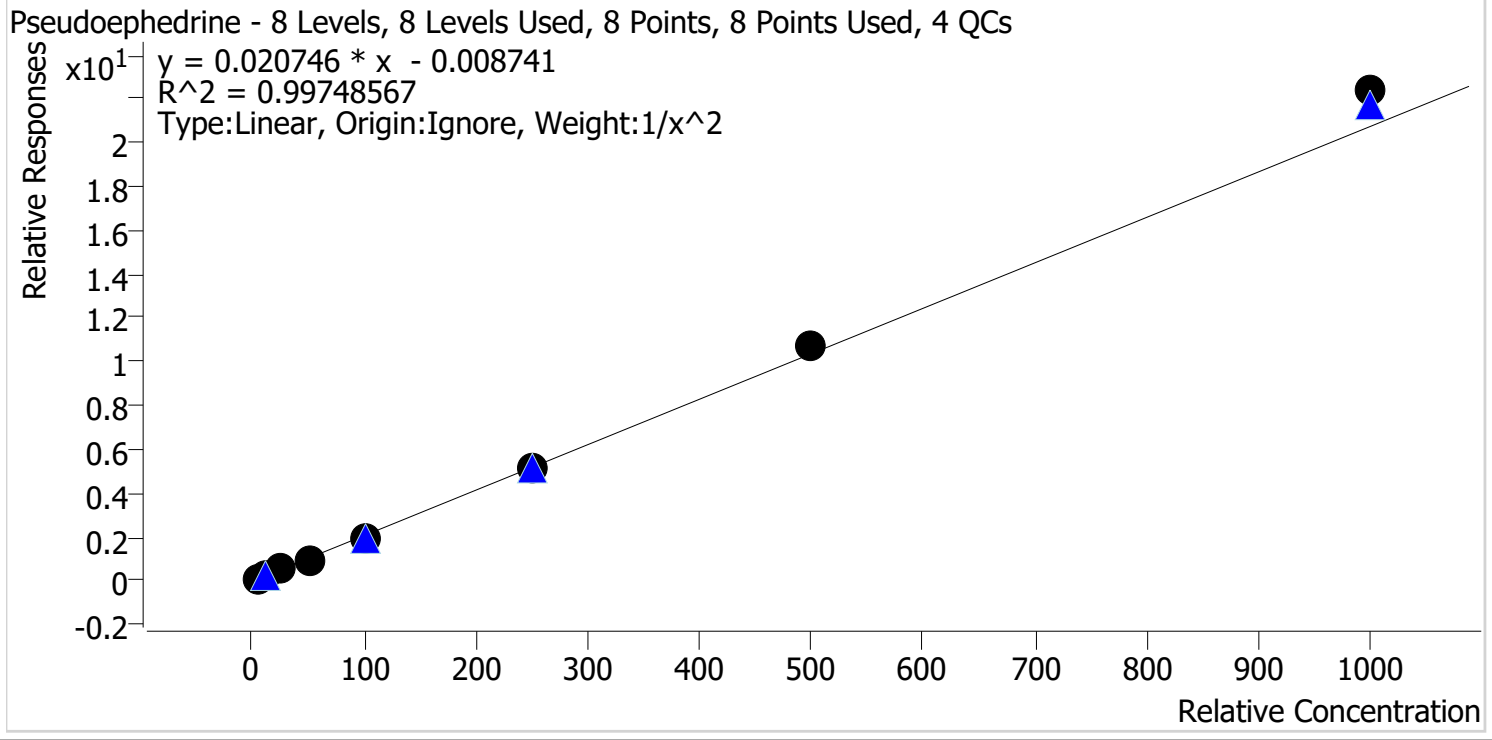
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	495.1	99.0
p1 Cal 8-1000ng	8	✓	1000.0	900.7	90.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	248.6	99.5
p1 Cal 7-500ng	7	✓	500.0	519.8	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1079.0	107.9

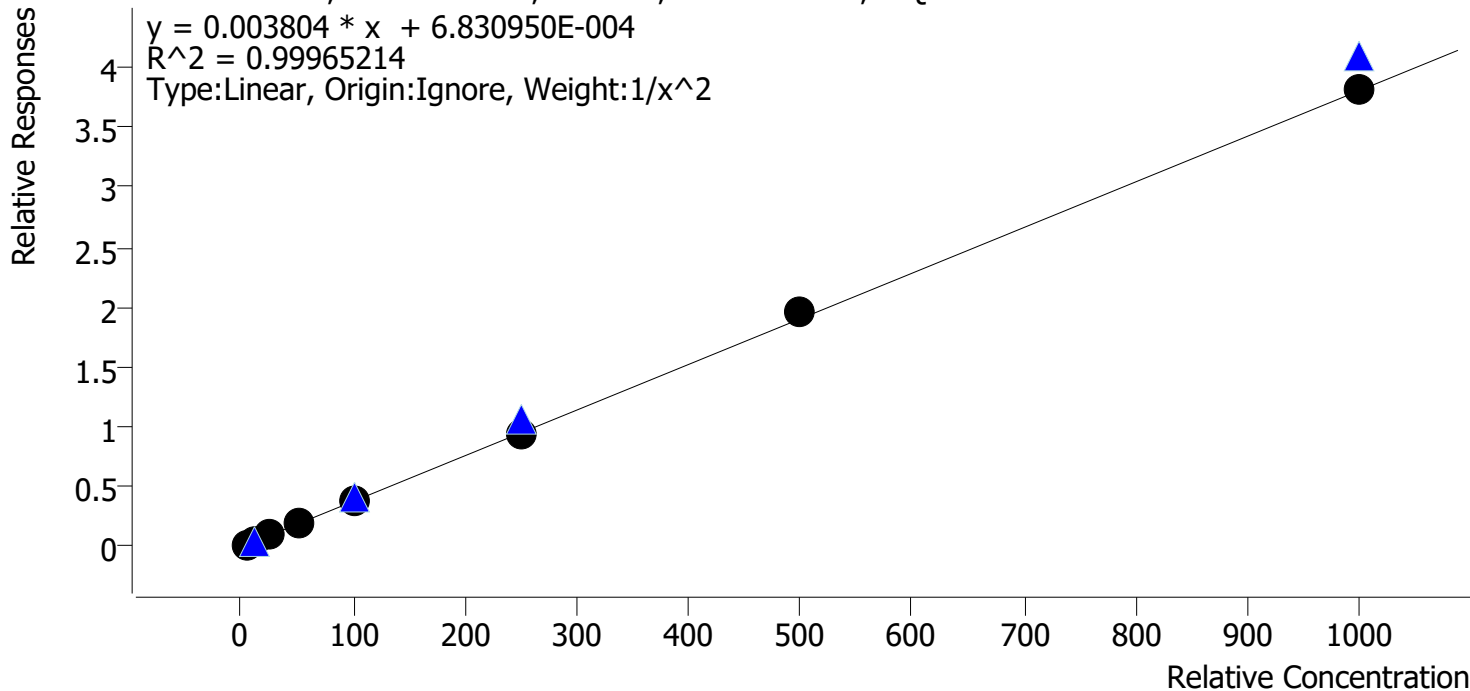
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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



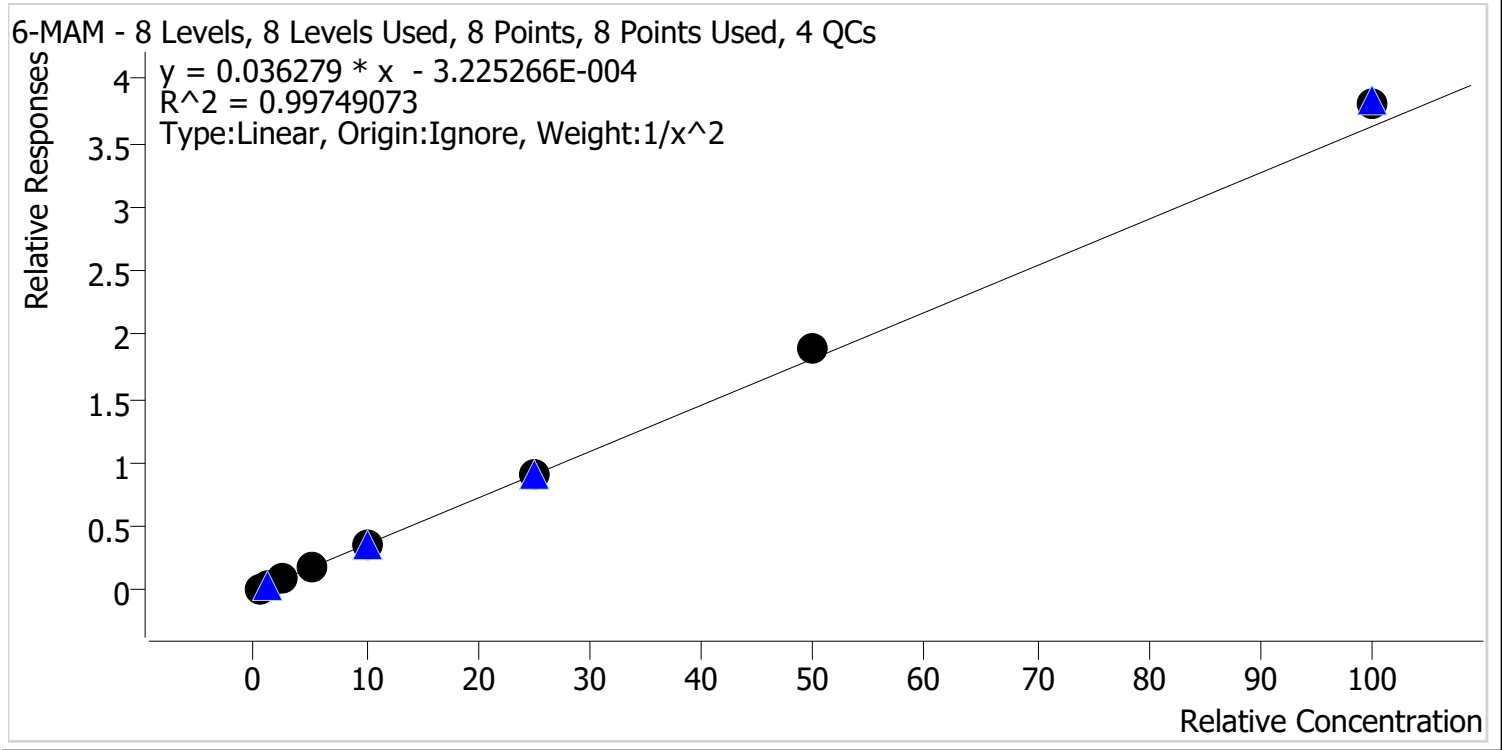
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	250.1	100.1
p1 Cal 7-500ng	7	✓	500.0	516.4	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1005.7	100.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



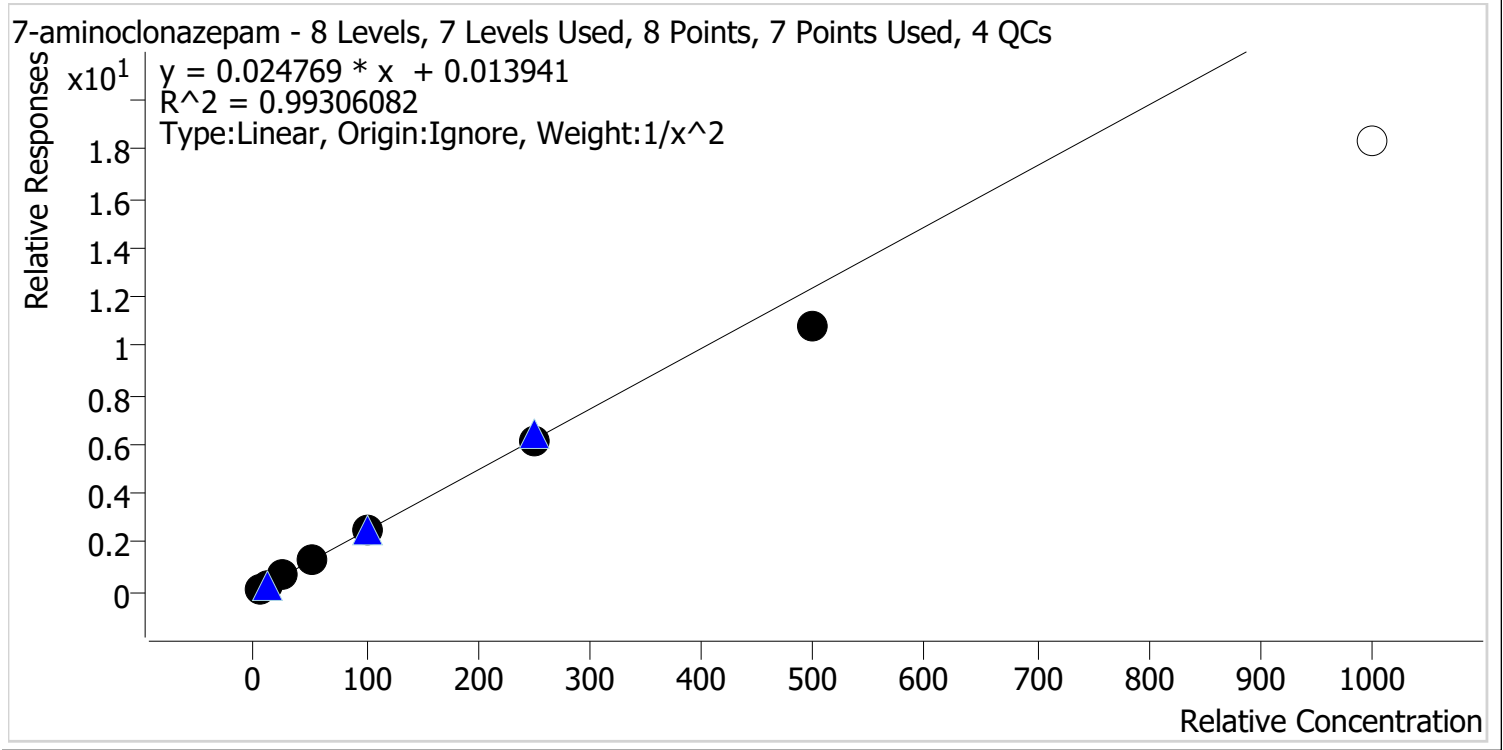
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.0
p1 Cal 2-10ng	2	✓	1.0	1.1	106.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.2
p1 Cal 4-50ng	4	✓	5.0	4.8	96.0
p1 Cal 5-100ng	5	✓	10.0	9.6	95.8
p1 Cal 6-250ng	6	✓	25.0	24.7	99.0
p1 Cal 7-500ng	7	✓	50.0	51.9	103.7
p1 Cal 8-1000ng	8	✓	100.0	104.7	104.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 3/7/2022 9:32 AM
 Analyst Name ISP\Datastor
 Analyte 7-aminoclonazepam Internal Standard 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	433.6	86.7
p1 Cal 8-1000ng	8	✗	1000.0	742.1	74.2

*Calibrator 8 dropped due to accuracy.

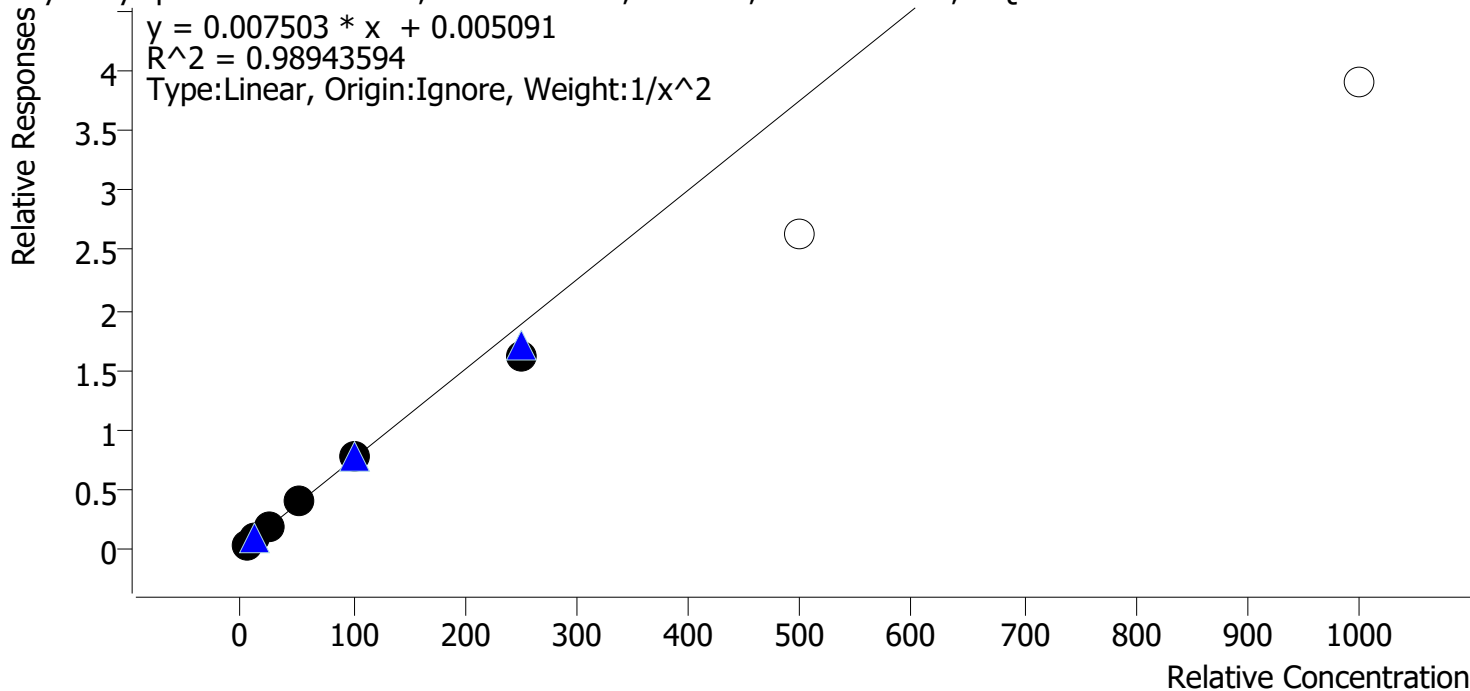
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.9	109.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	215.0	86.0
p1 Cal 7-500ng	7	x	500.0	349.1	69.8
p1 Cal 8-1000ng	8	x	1000.0	520.3	52.0

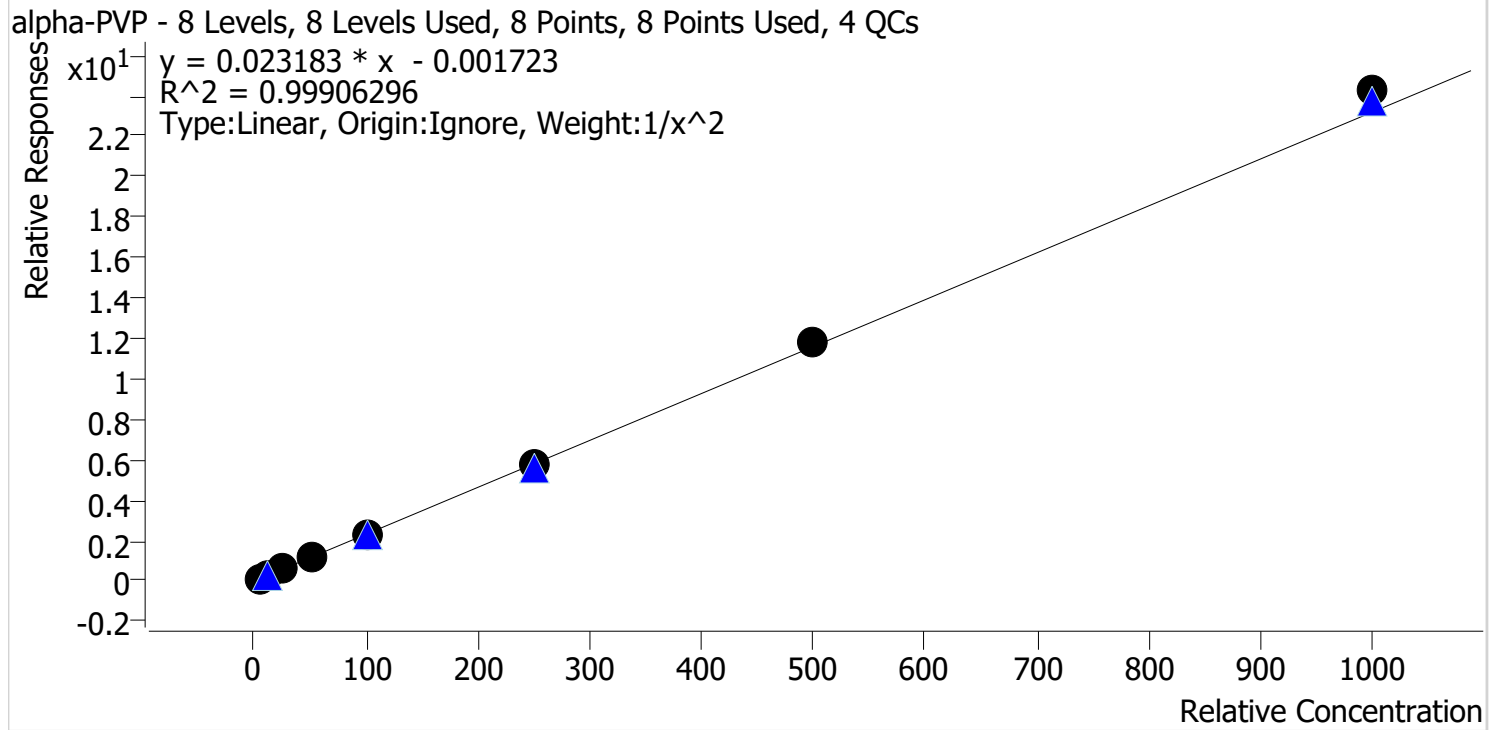
*Calibrators 7 and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



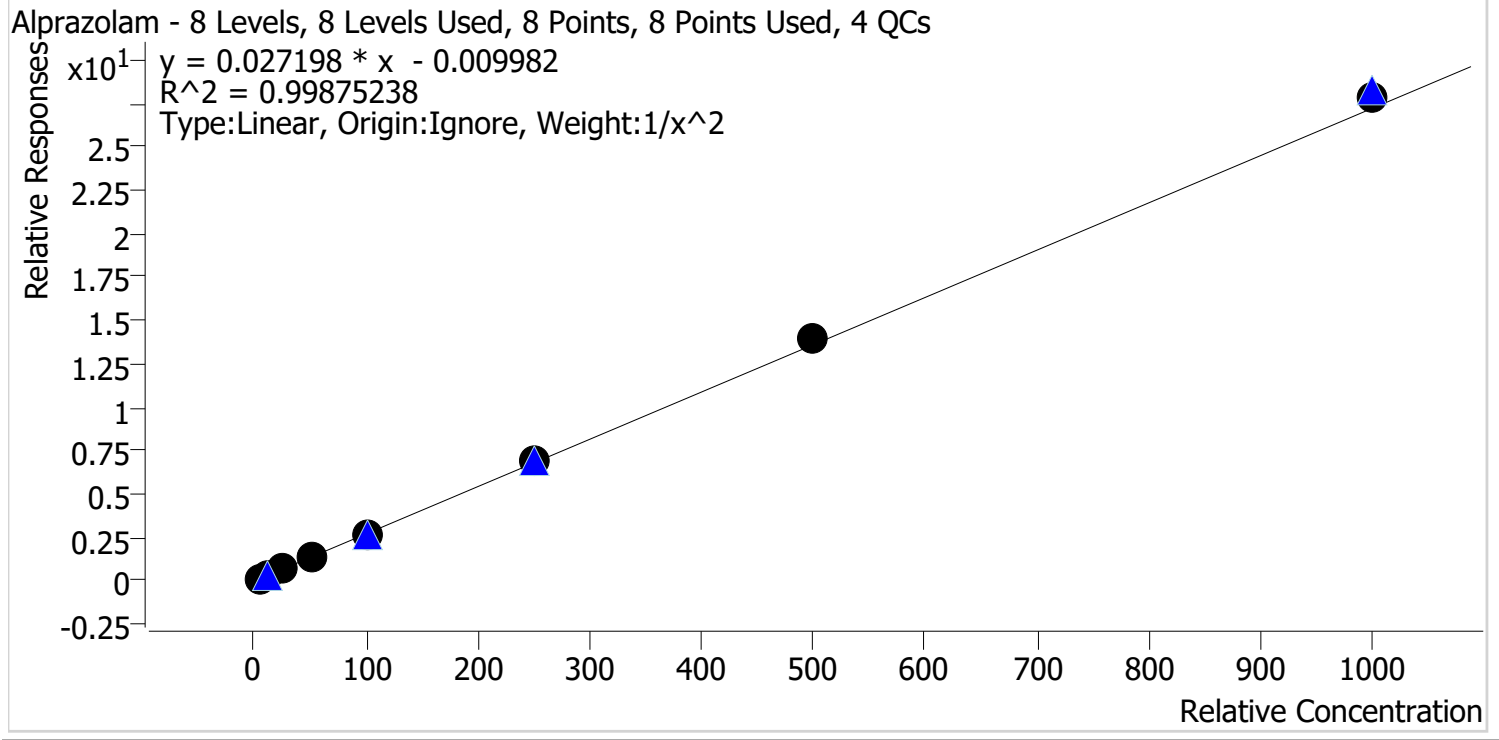
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1045.9	104.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
p1 Cal 7-500ng	7	✓	500.0	513.2	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1024.0	102.4

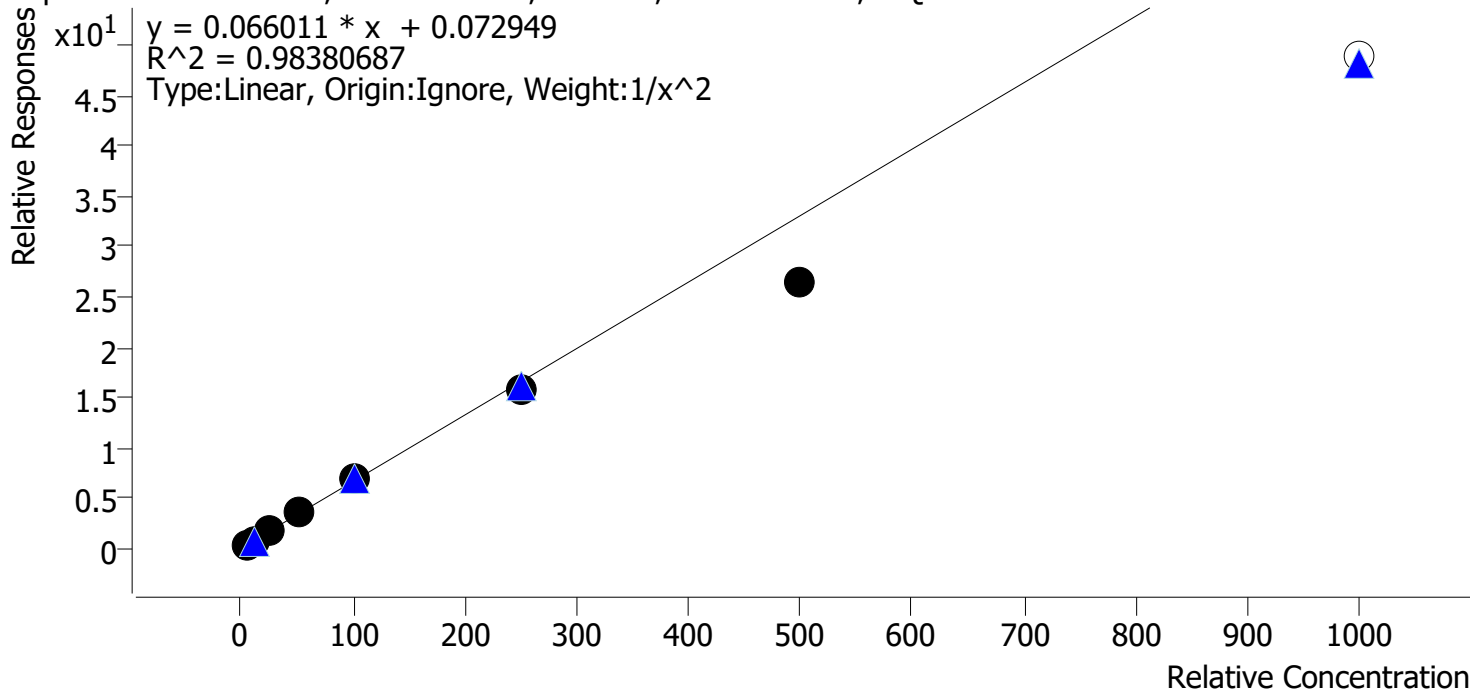
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.5
p1 Cal 2-10ng	2	✓	10.0	10.7	107.1
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.7
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	238.5	95.4
p1 Cal 7-500ng	7	✓	500.0	401.8	80.4
p1 Cal 8-1000ng	8	✗	1000.0	739.3	73.9

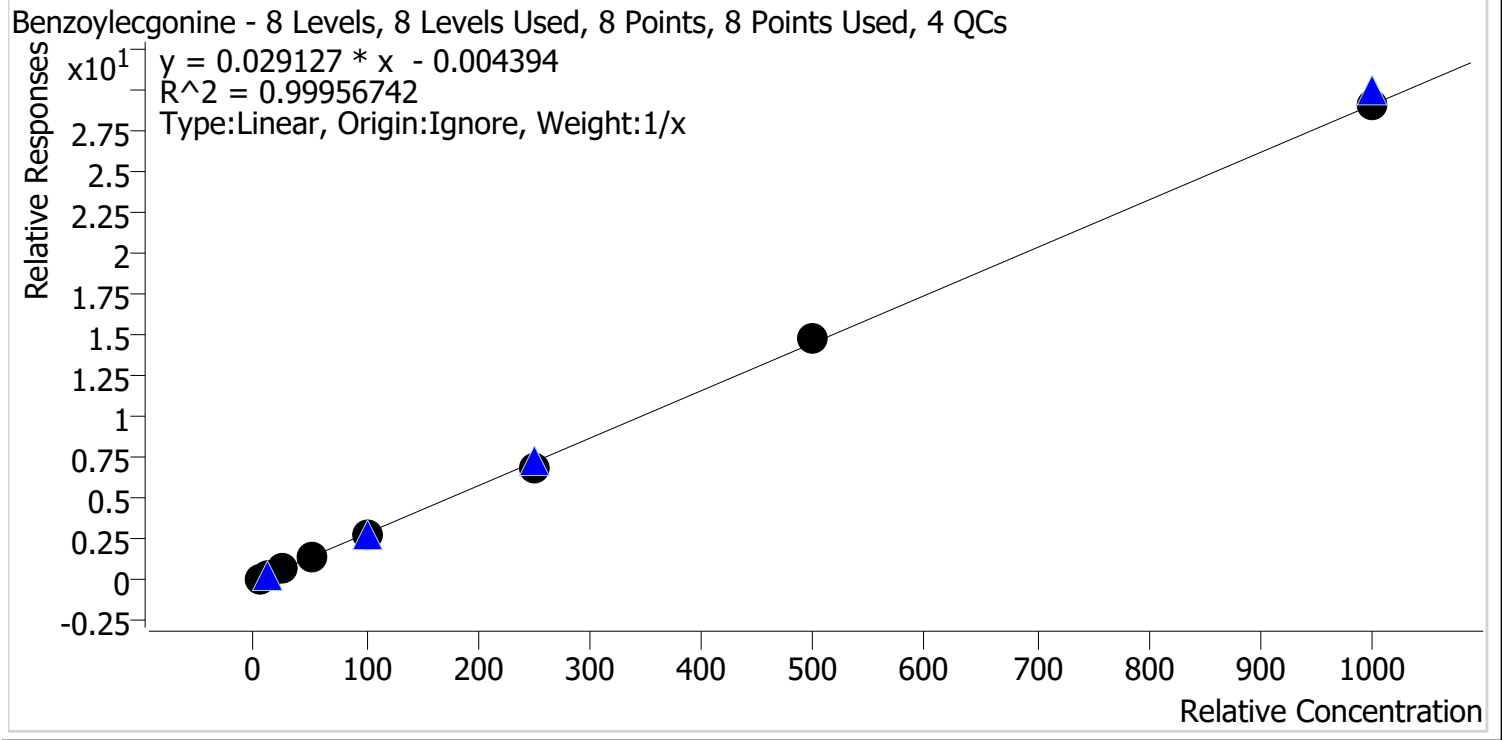
*Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datator
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	47.1	94.3
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng	7	✓	500.0	508.5	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1003.1	100.3

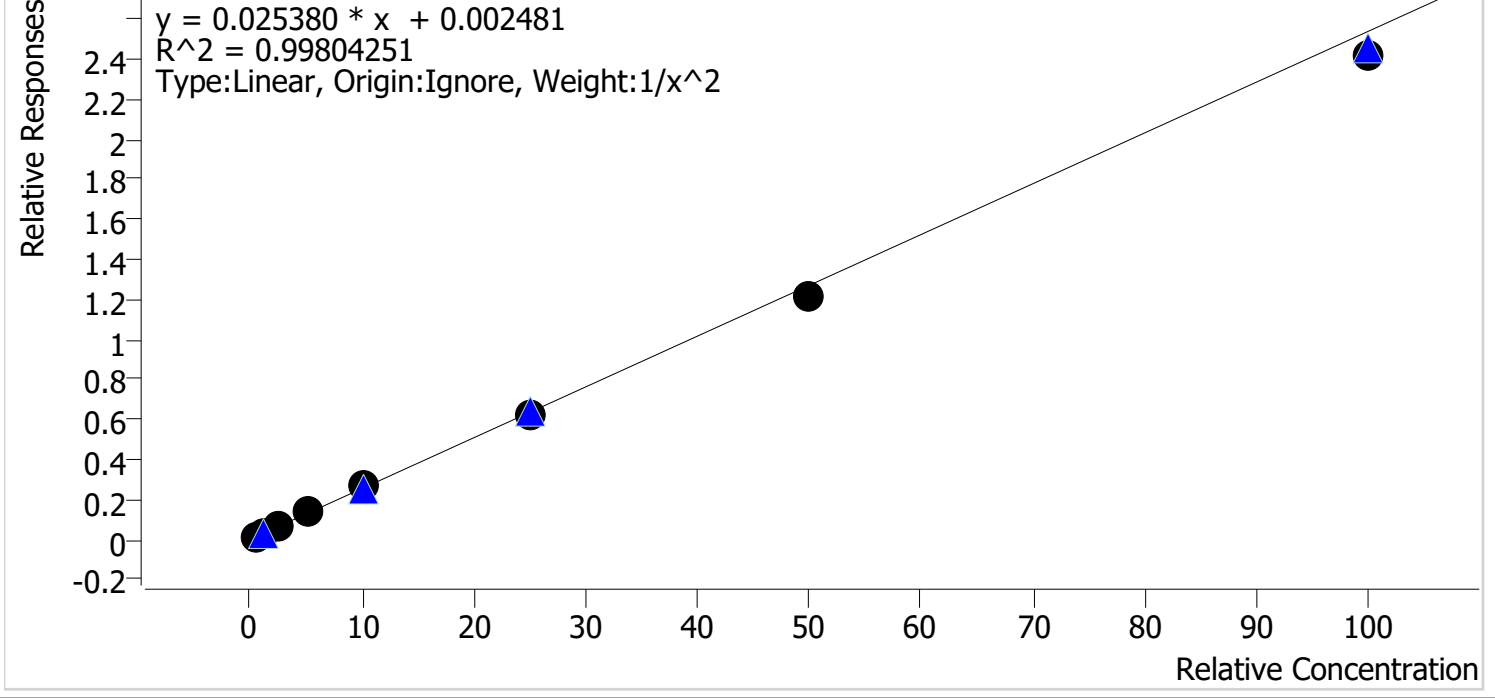
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



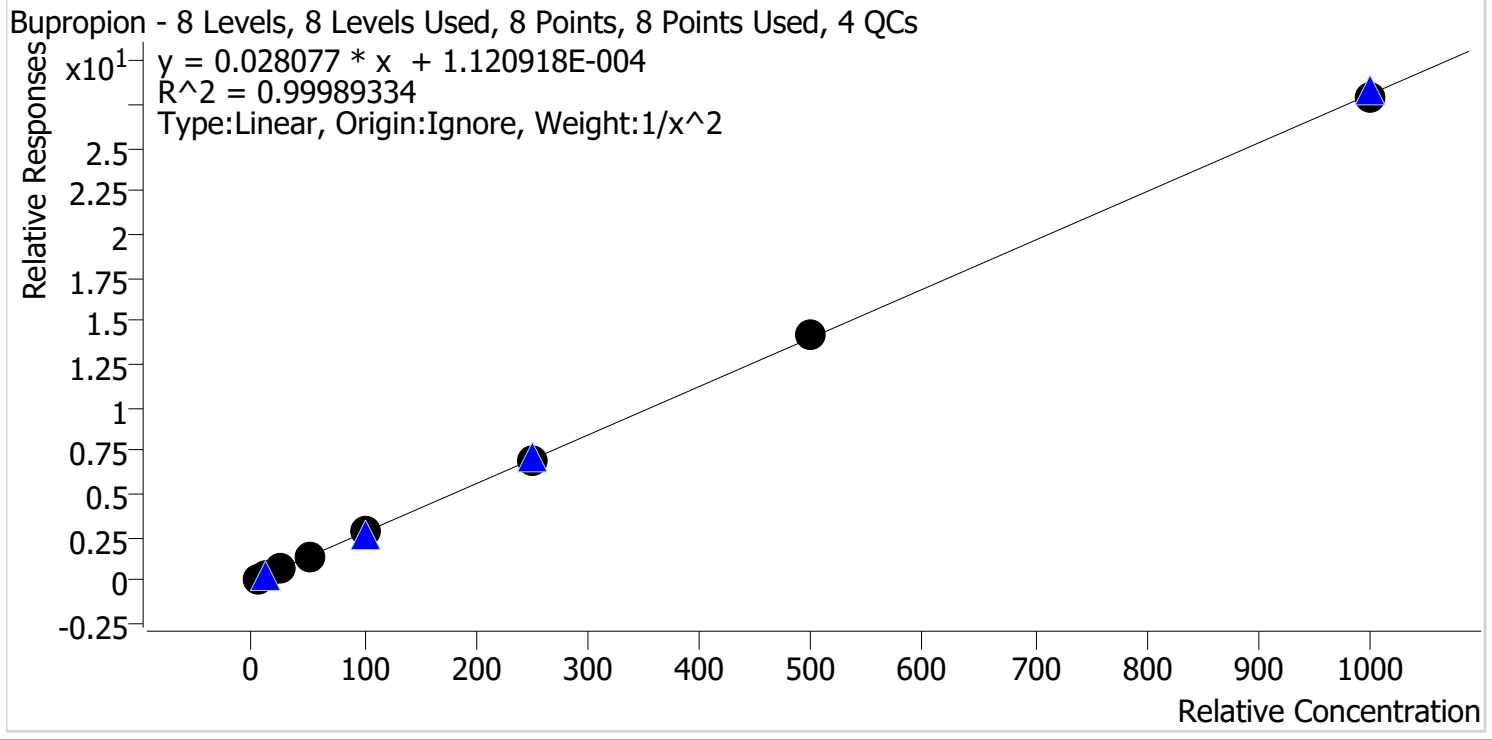
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.0
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.6	105.7
p1 Cal 4-50ng	4	✓	5.0	5.2	104.0
p1 Cal 5-100ng	5	✓	10.0	10.3	102.9
p1 Cal 6-250ng	6	✓	25.0	24.7	98.9
p1 Cal 7-500ng	7	✓	50.0	48.1	96.3
p1 Cal 8-1000ng	8	✓	100.0	95.5	95.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	990.6	99.1

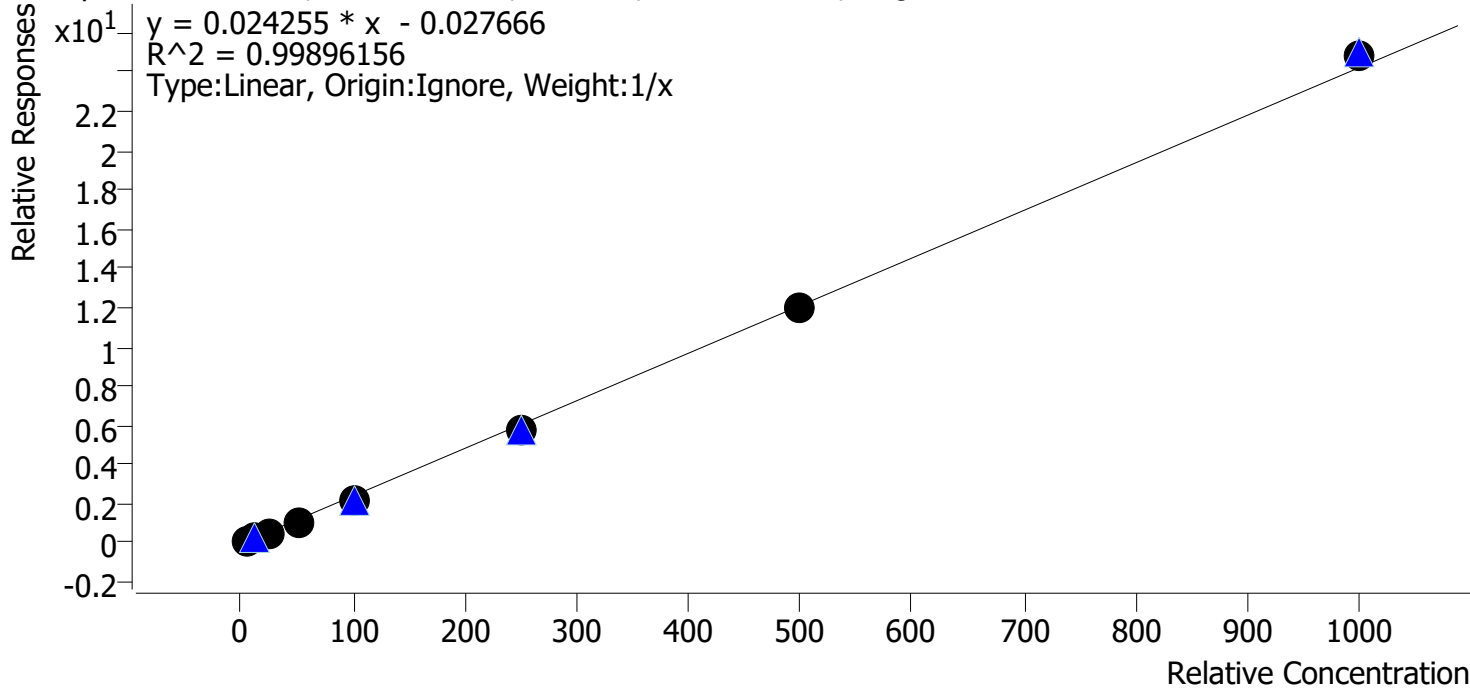
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



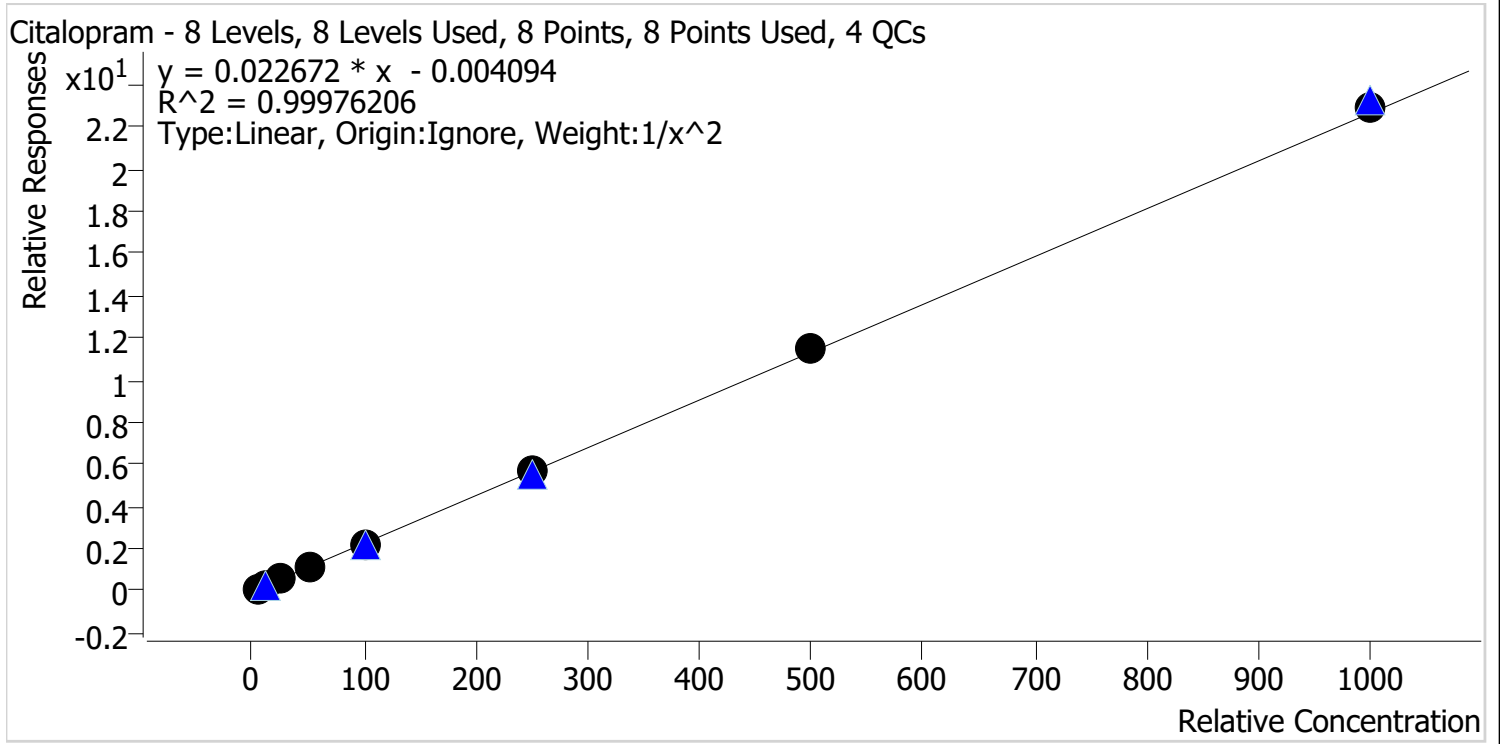
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	46.4	92.9
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1023.5	102.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



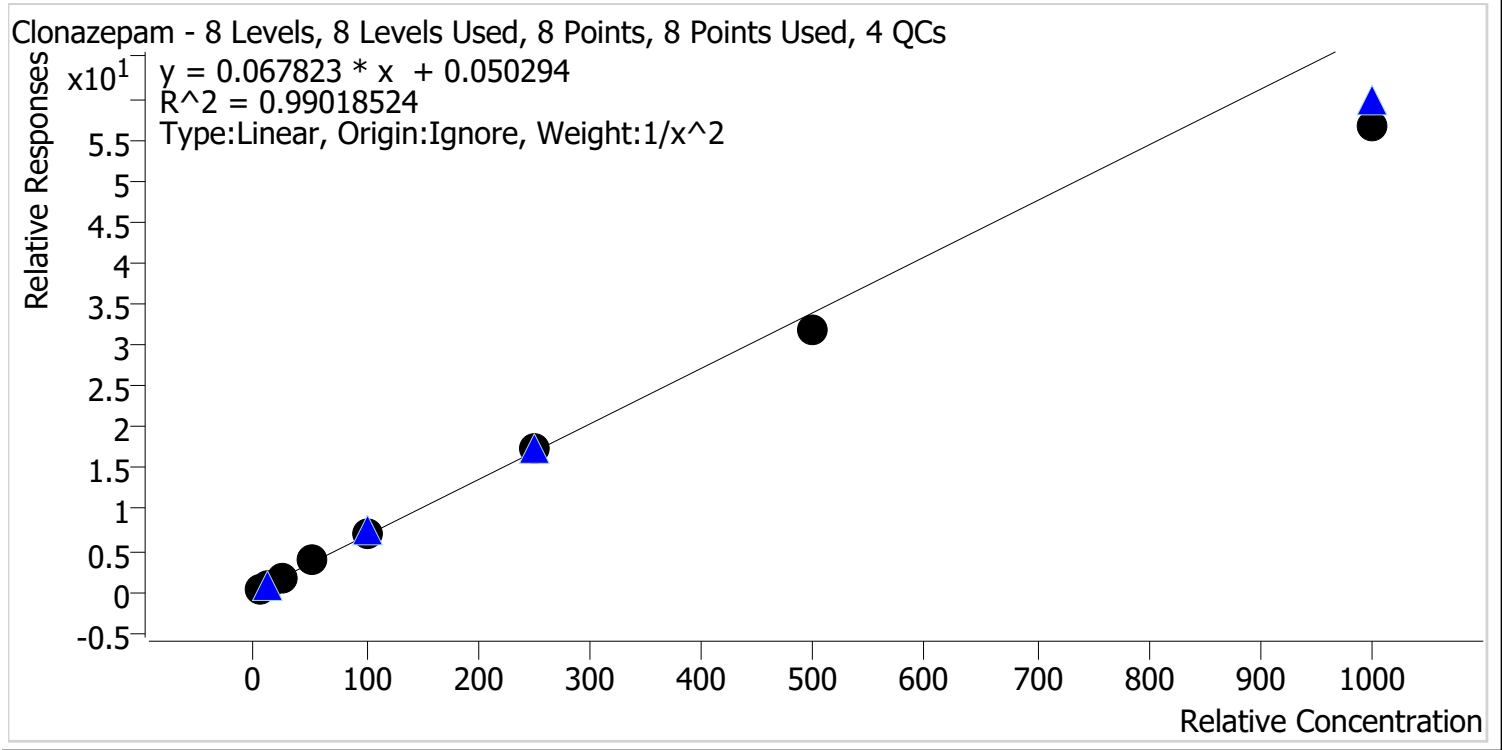
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1010.7	101.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



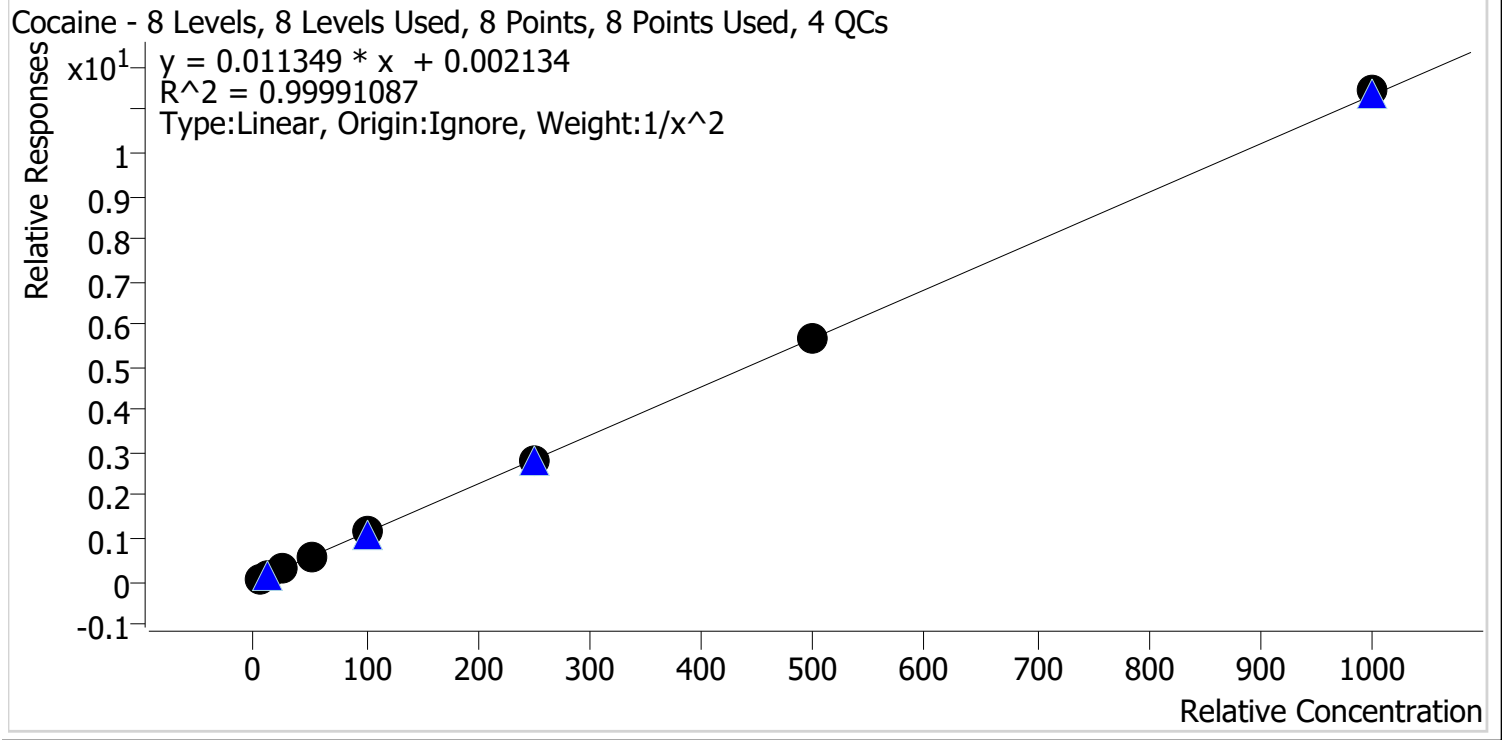
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	466.8	93.4
p1 Cal 8-1000ng	8	✓	1000.0	835.2	83.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1009.7	101.0

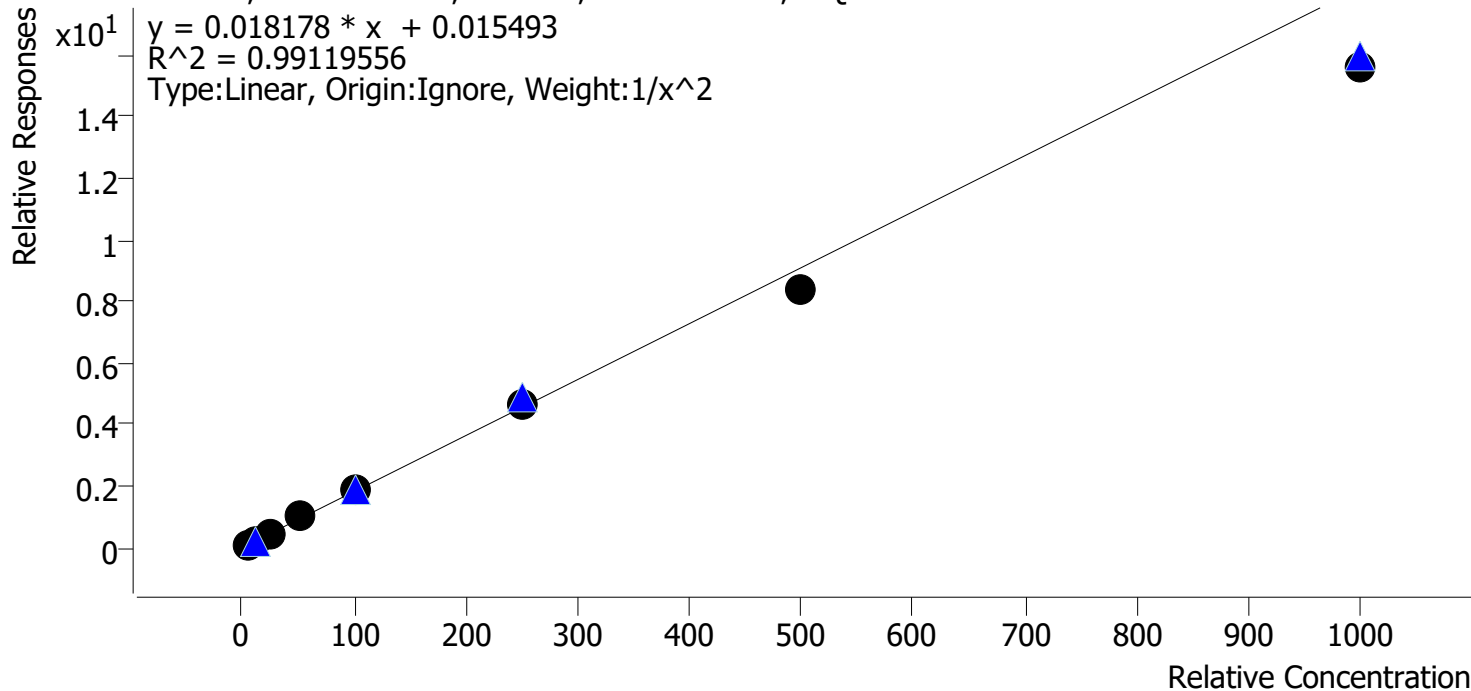
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



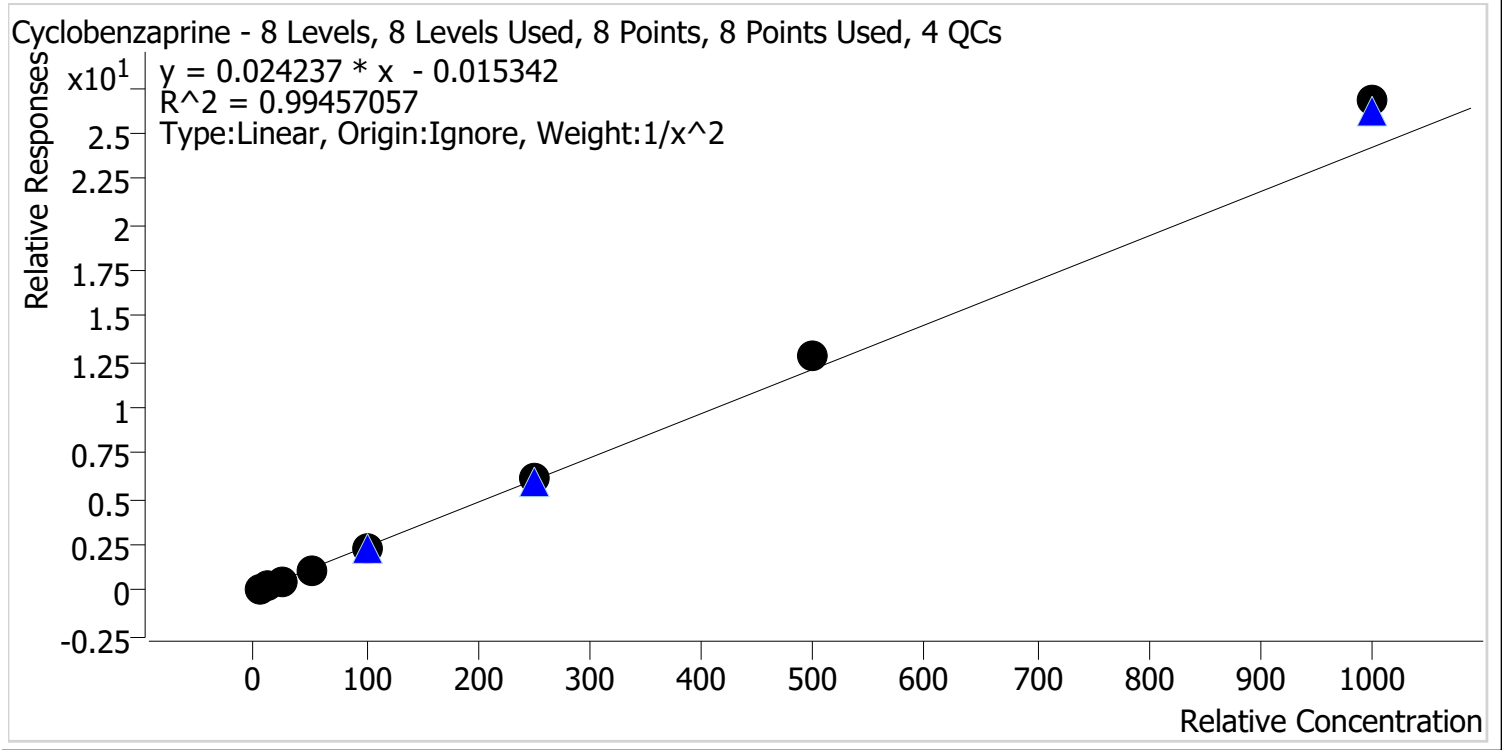
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	460.2	92.0
p1 Cal 8-1000ng	8	✓	1000.0	861.3	86.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



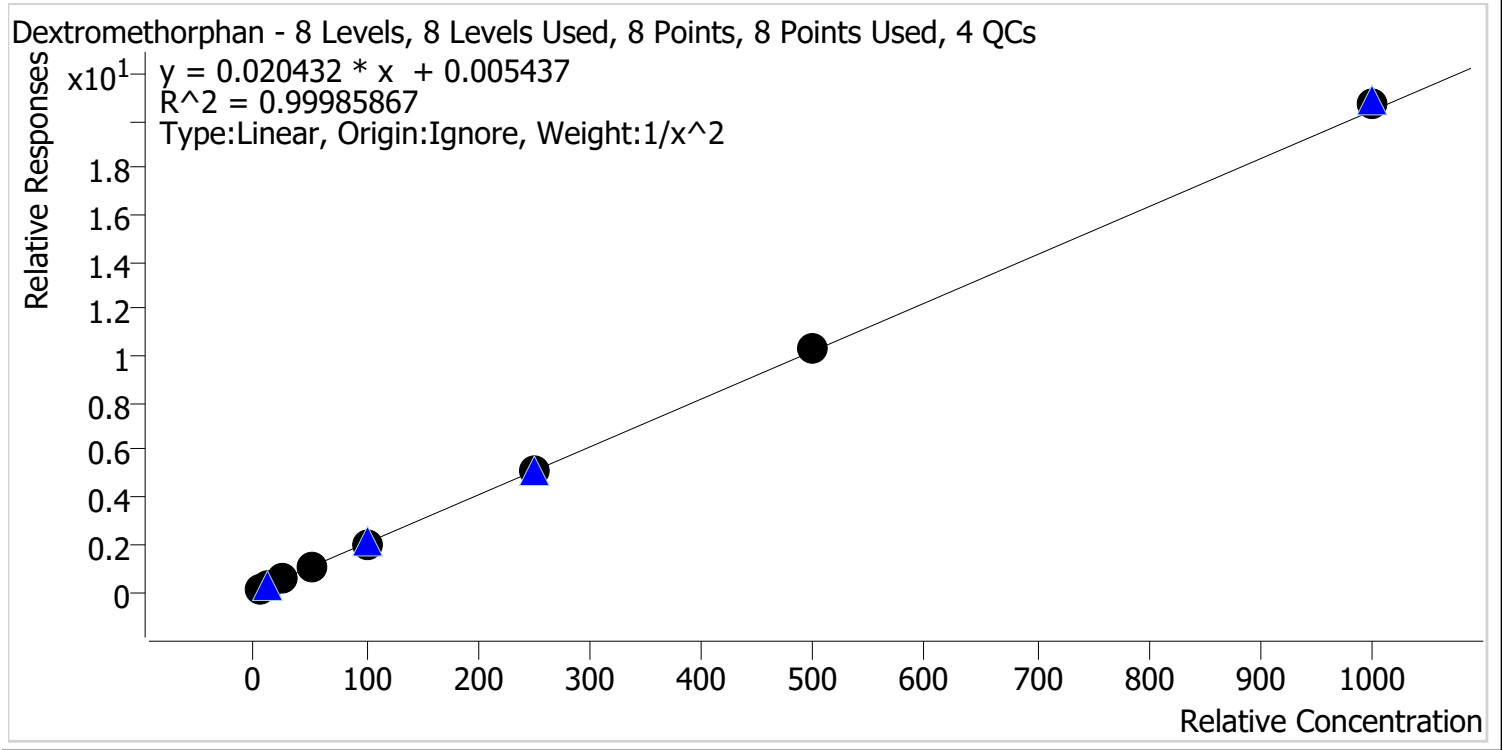
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	533.5	106.7
p1 Cal 8-1000ng	8	✓	1000.0	1105.3	110.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



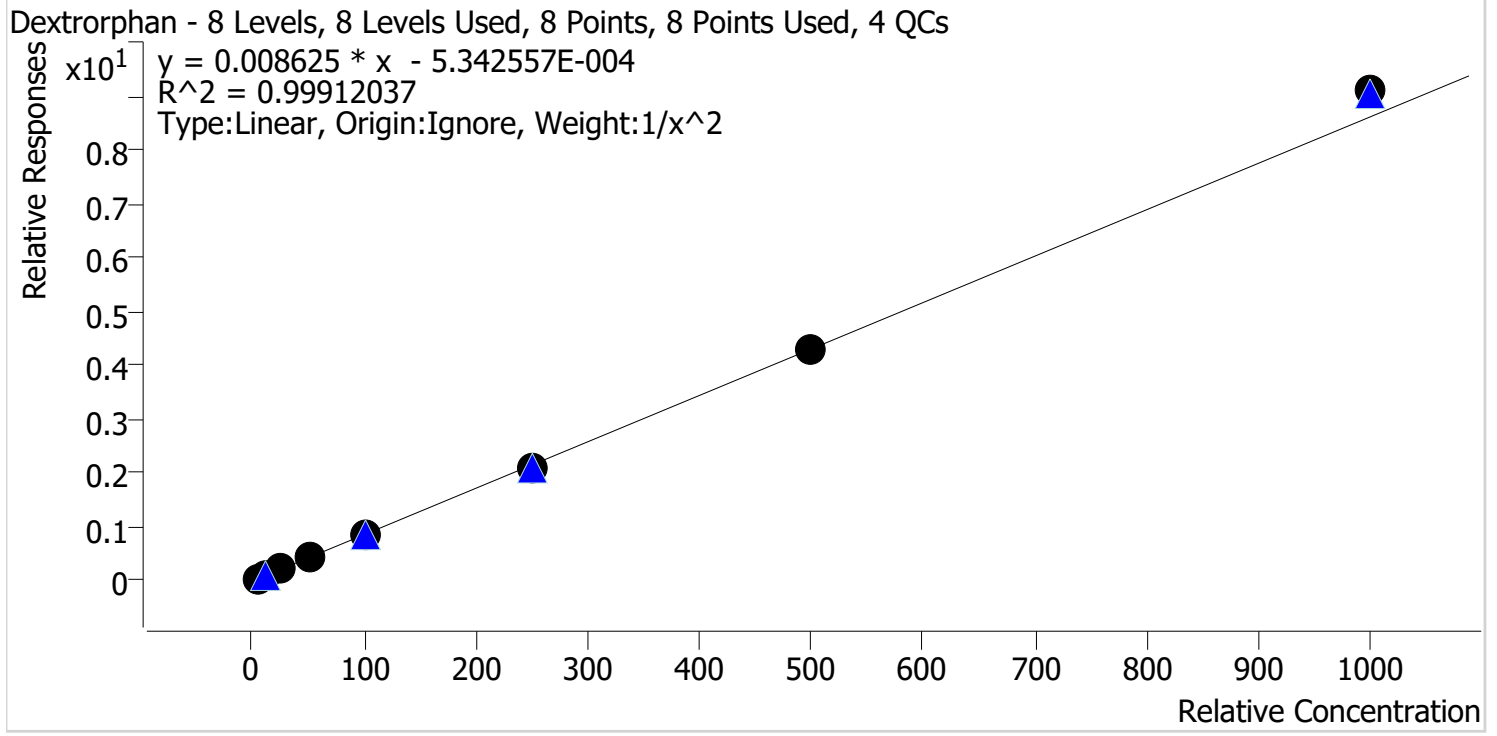
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	502.0	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1016.4	101.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



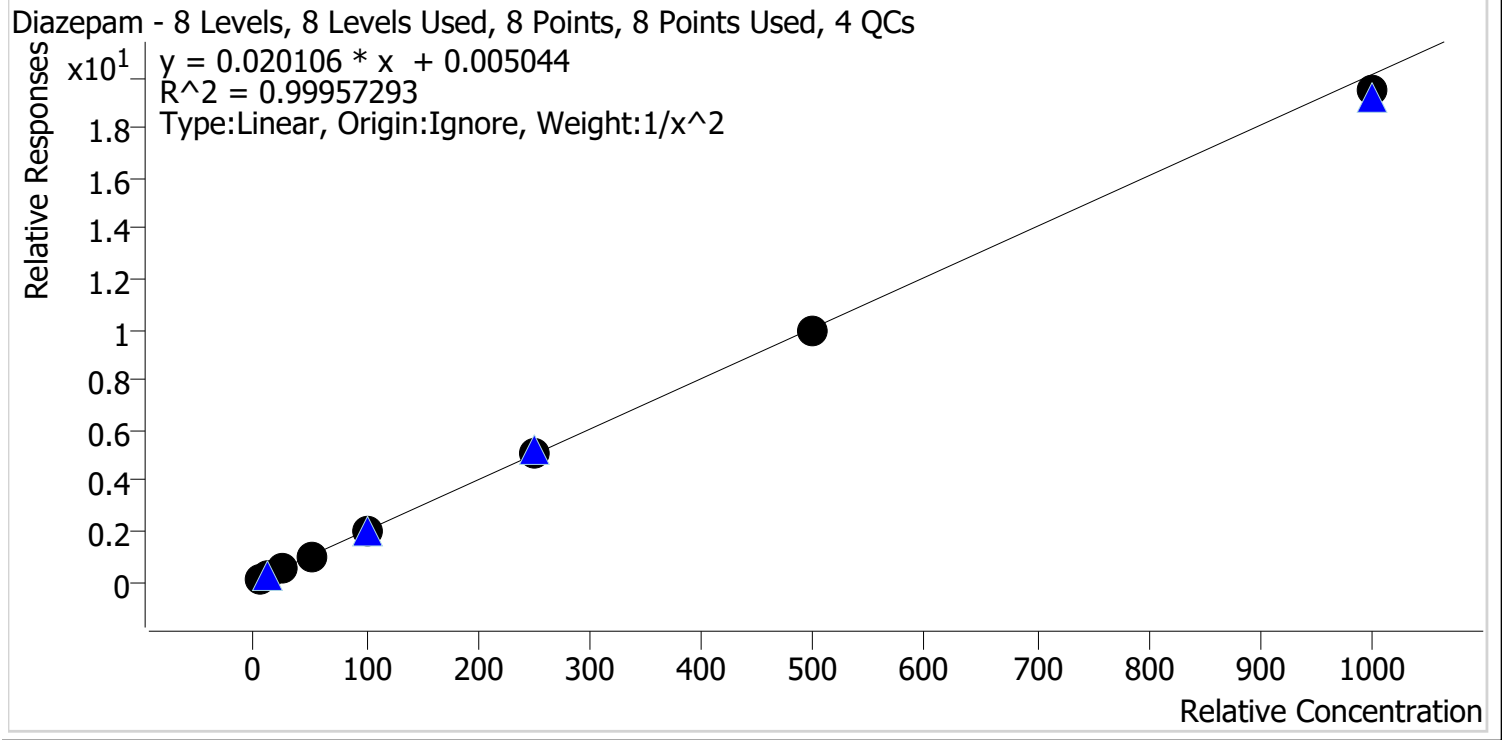
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1056.7	105.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	968.2	96.8

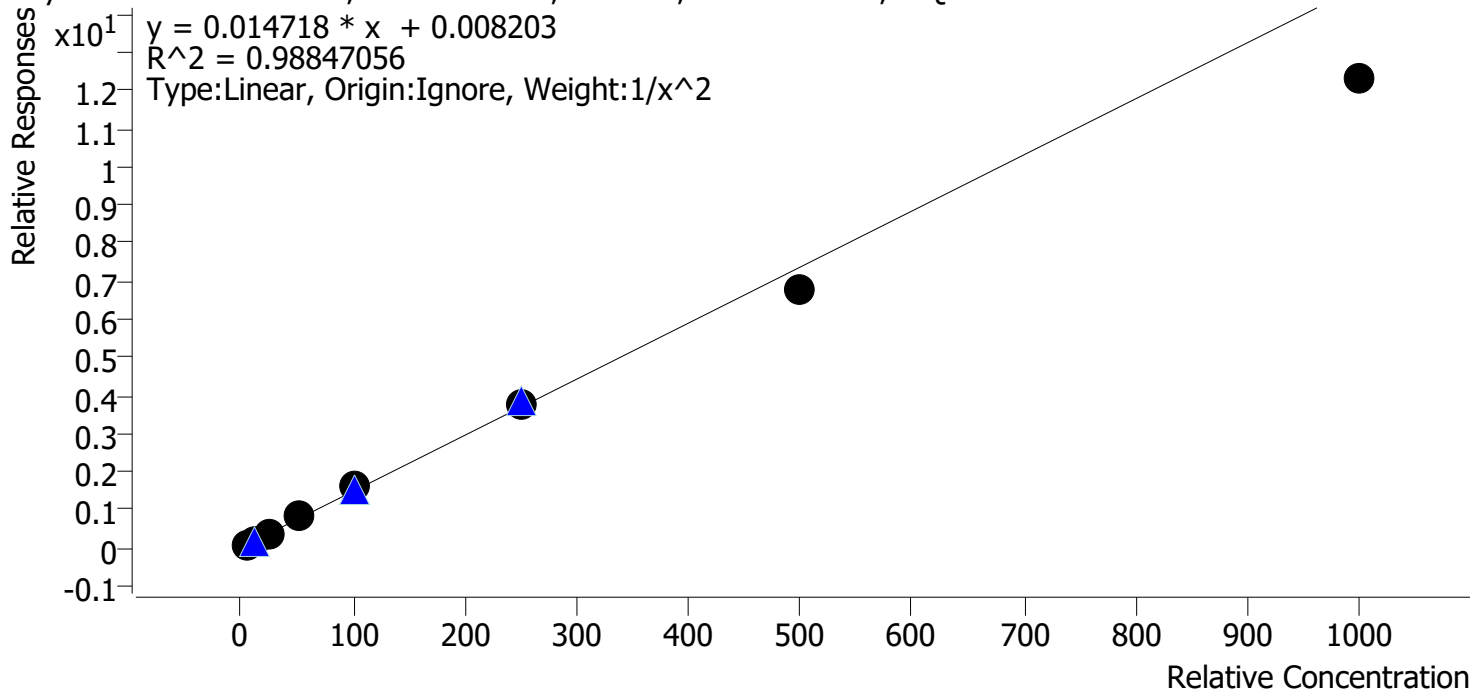
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.8	107.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	460.2	92.0
p1 Cal 8-1000ng	8	✓	1000.0	834.2	83.4

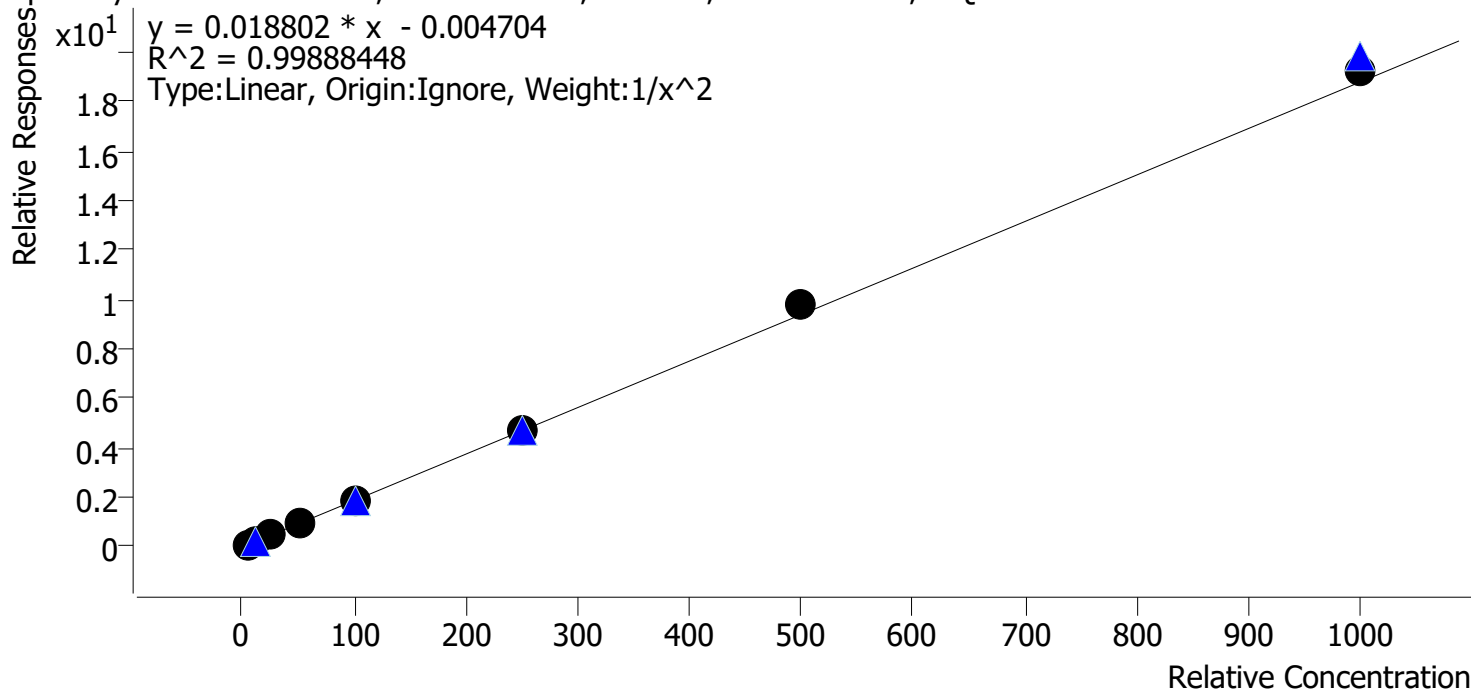
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



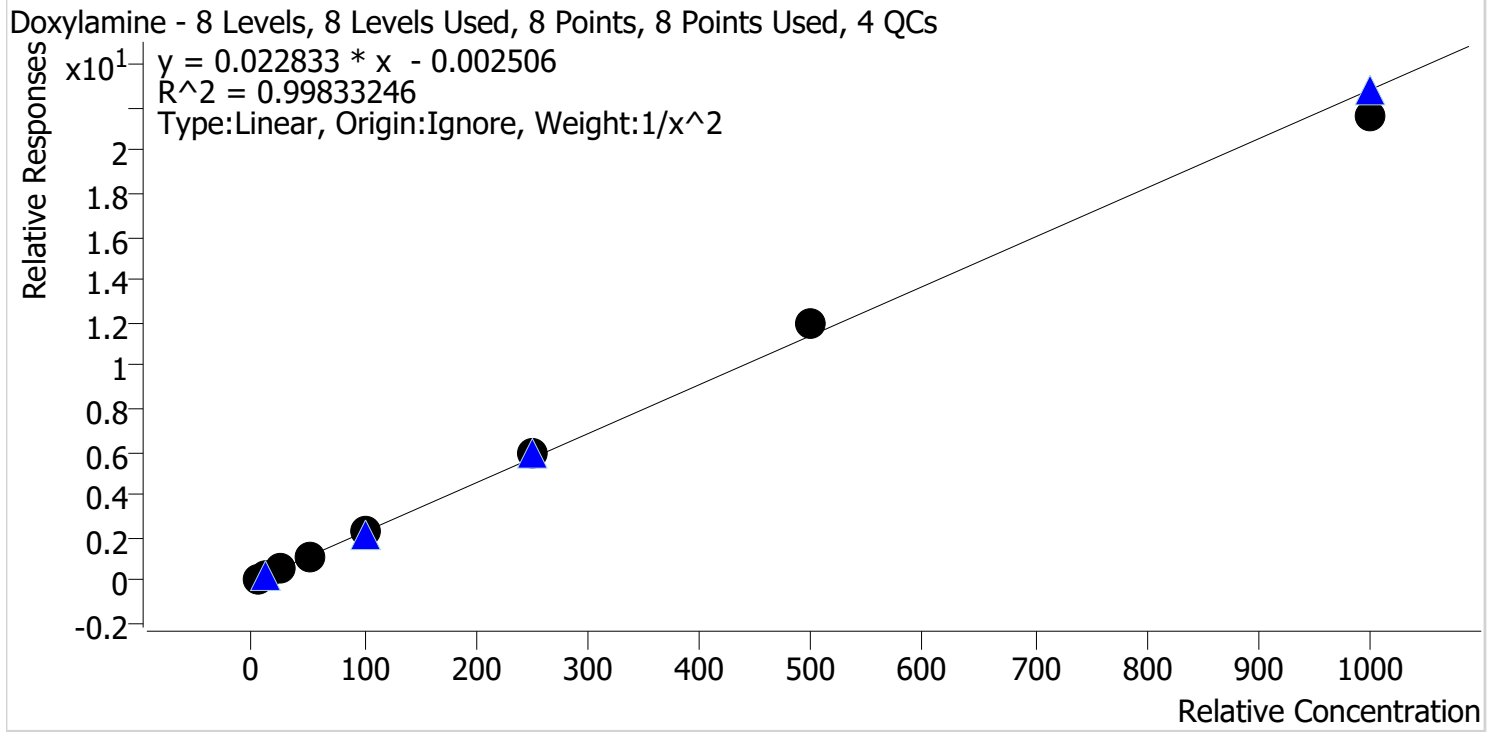
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	522.2	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1022.3	102.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	525.0	105.0
p1 Cal 8-1000ng	8	✓	1000.0	944.4	94.4

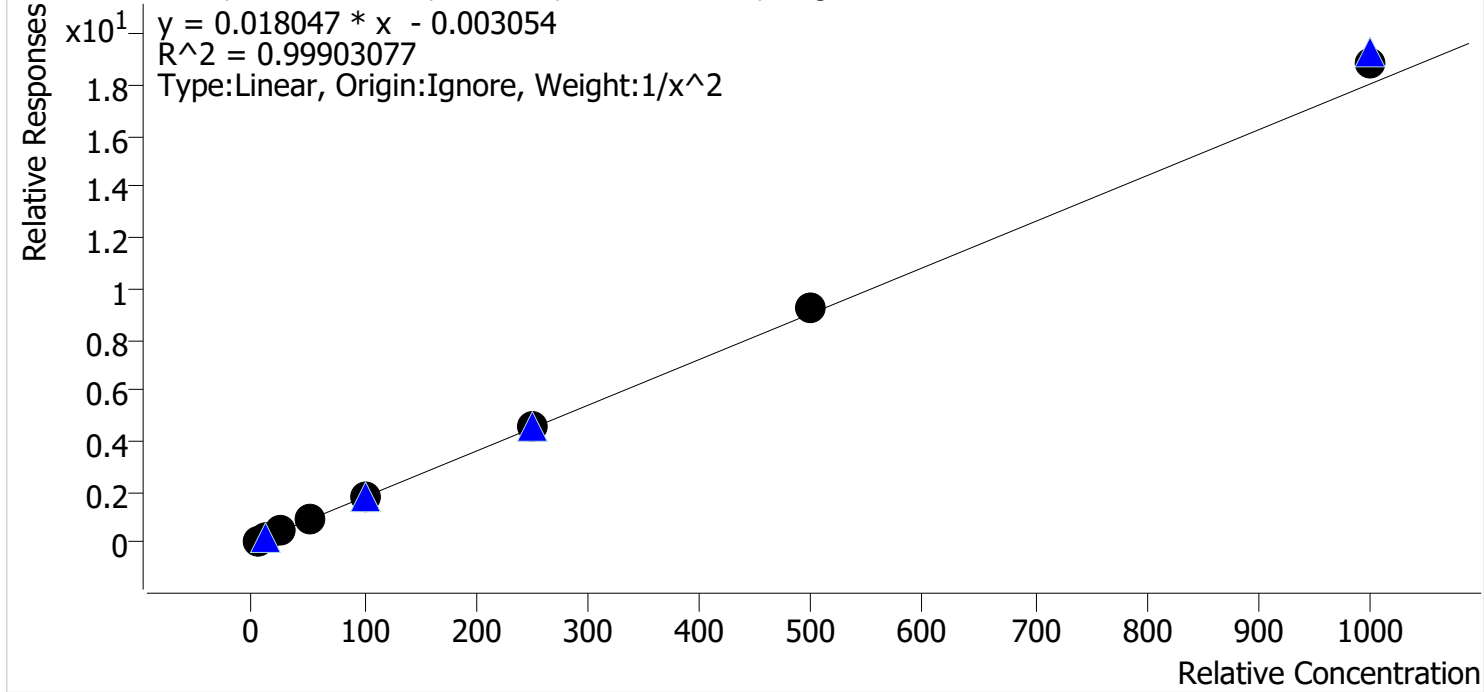
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1042.6	104.3

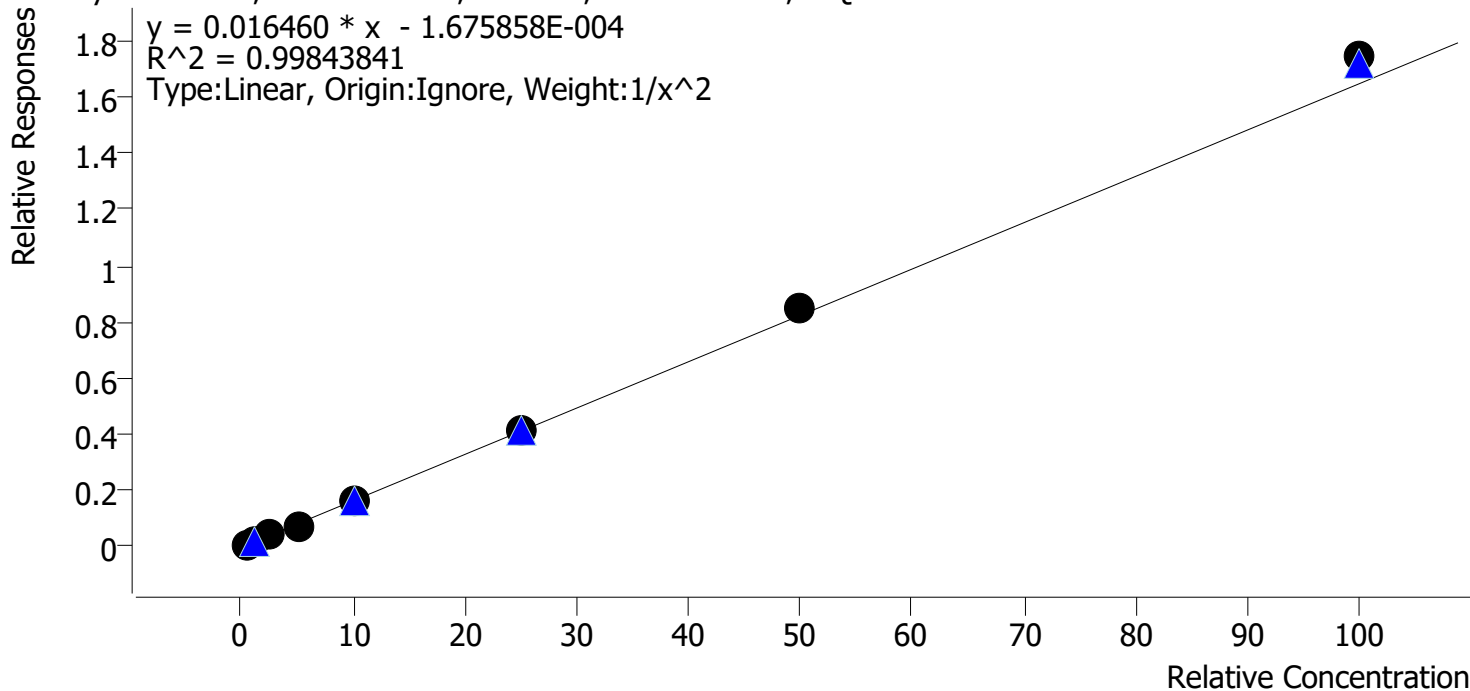
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



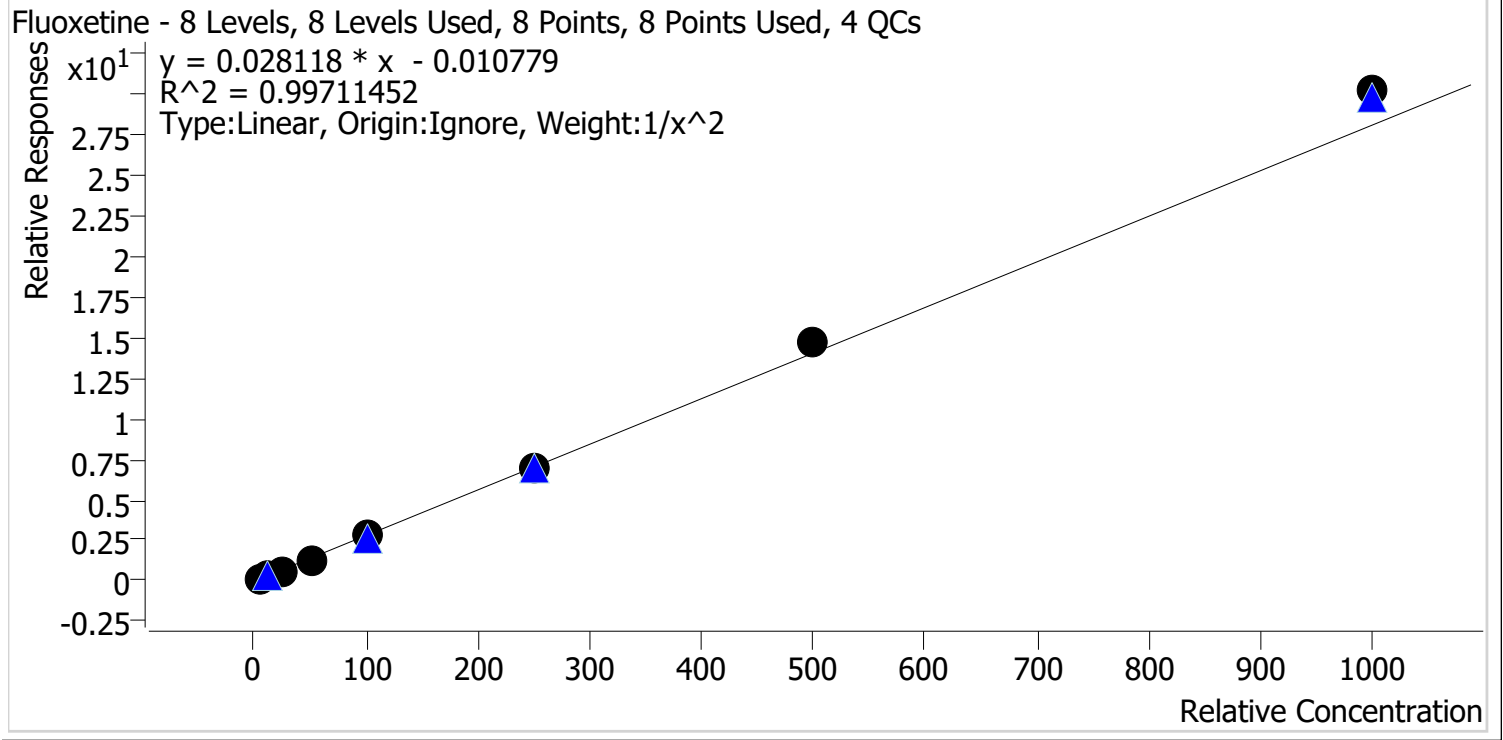
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.5
p1 Cal 2-10ng	2	✓	1.0	1.0	101.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.1
p1 Cal 4-50ng	4	✓	5.0	4.7	94.8
p1 Cal 5-100ng	5	✓	10.0	9.8	97.8
p1 Cal 6-250ng	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng	7	✓	50.0	51.2	102.4
p1 Cal 8-1000ng	8	✓	100.0	105.9	105.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



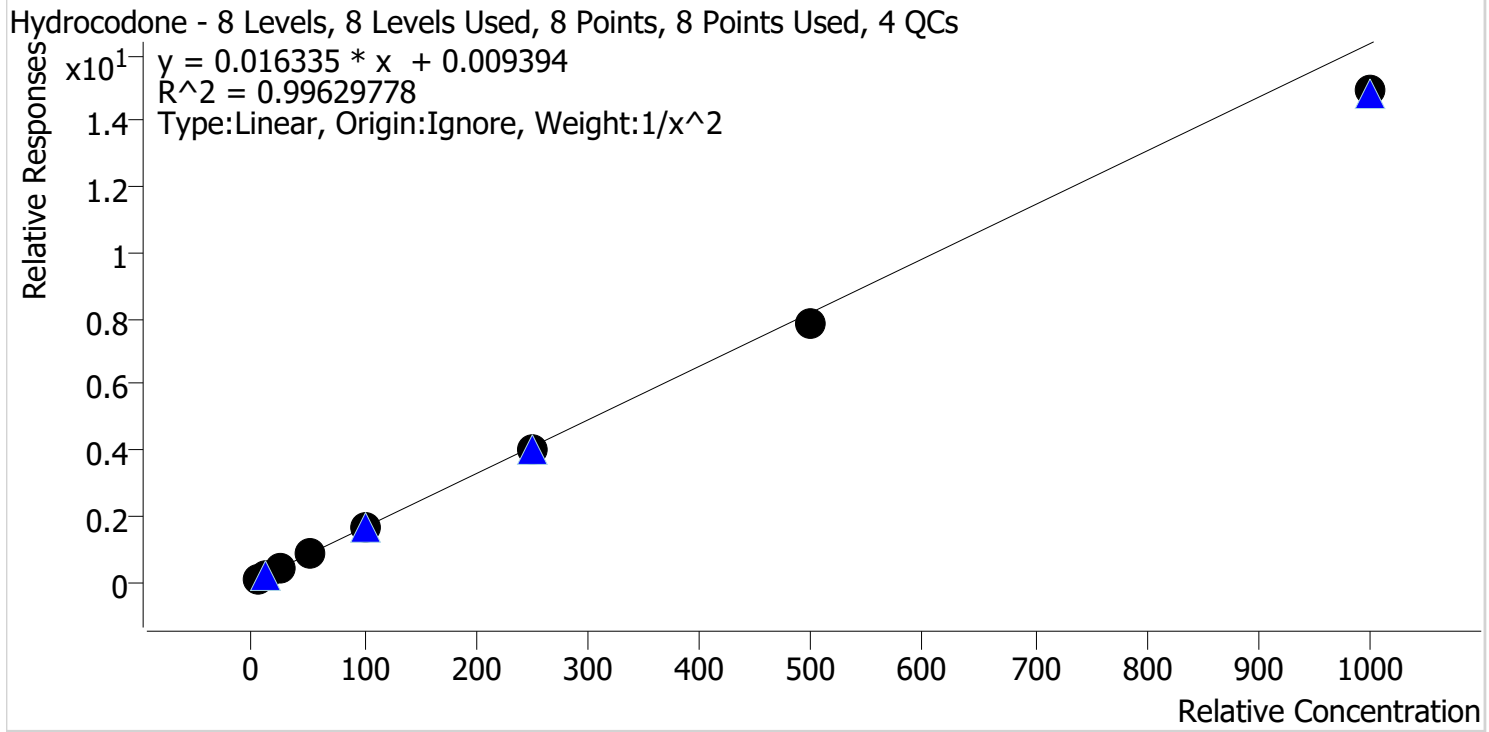
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	526.6	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1075.7	107.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



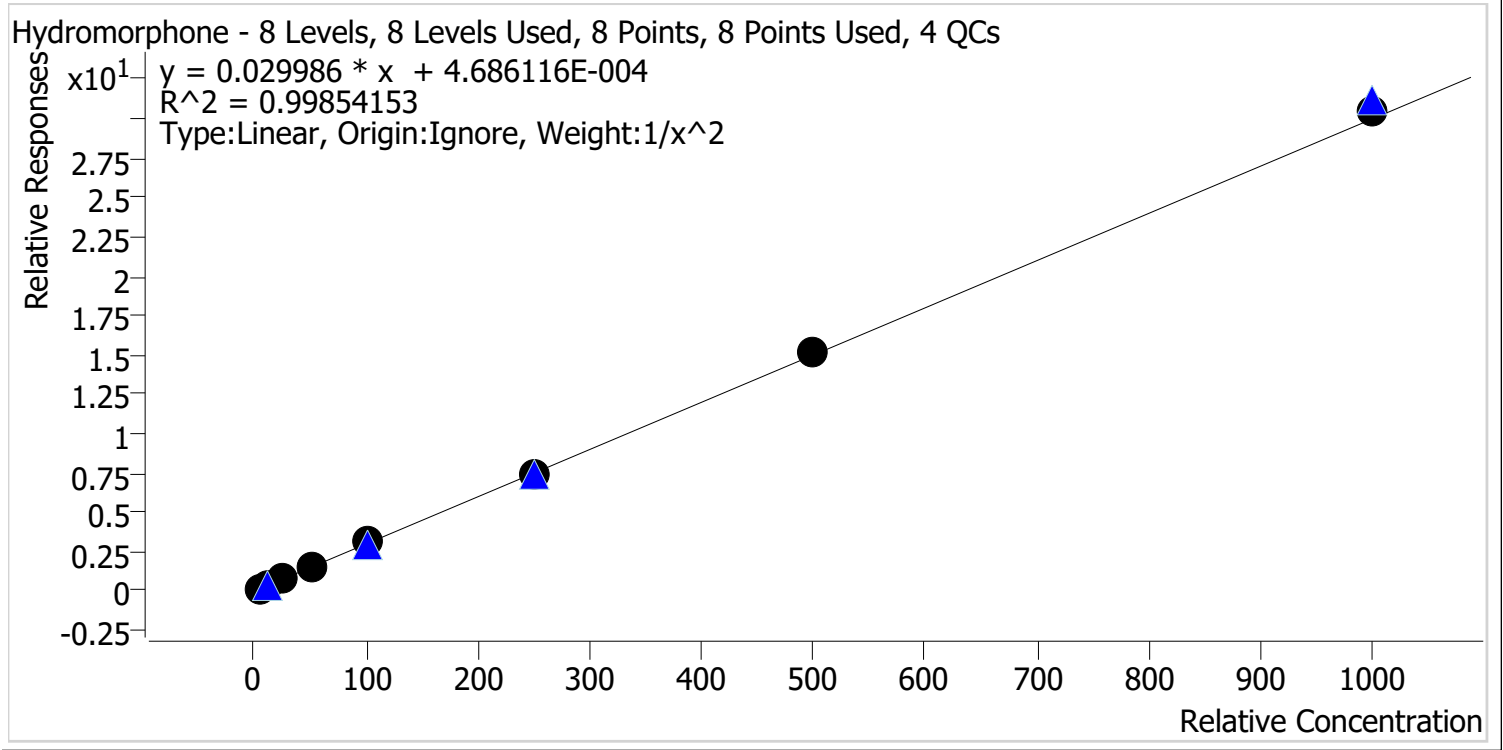
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	481.2	96.2
p1 Cal 8-1000ng	8	✓	1000.0	912.5	91.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



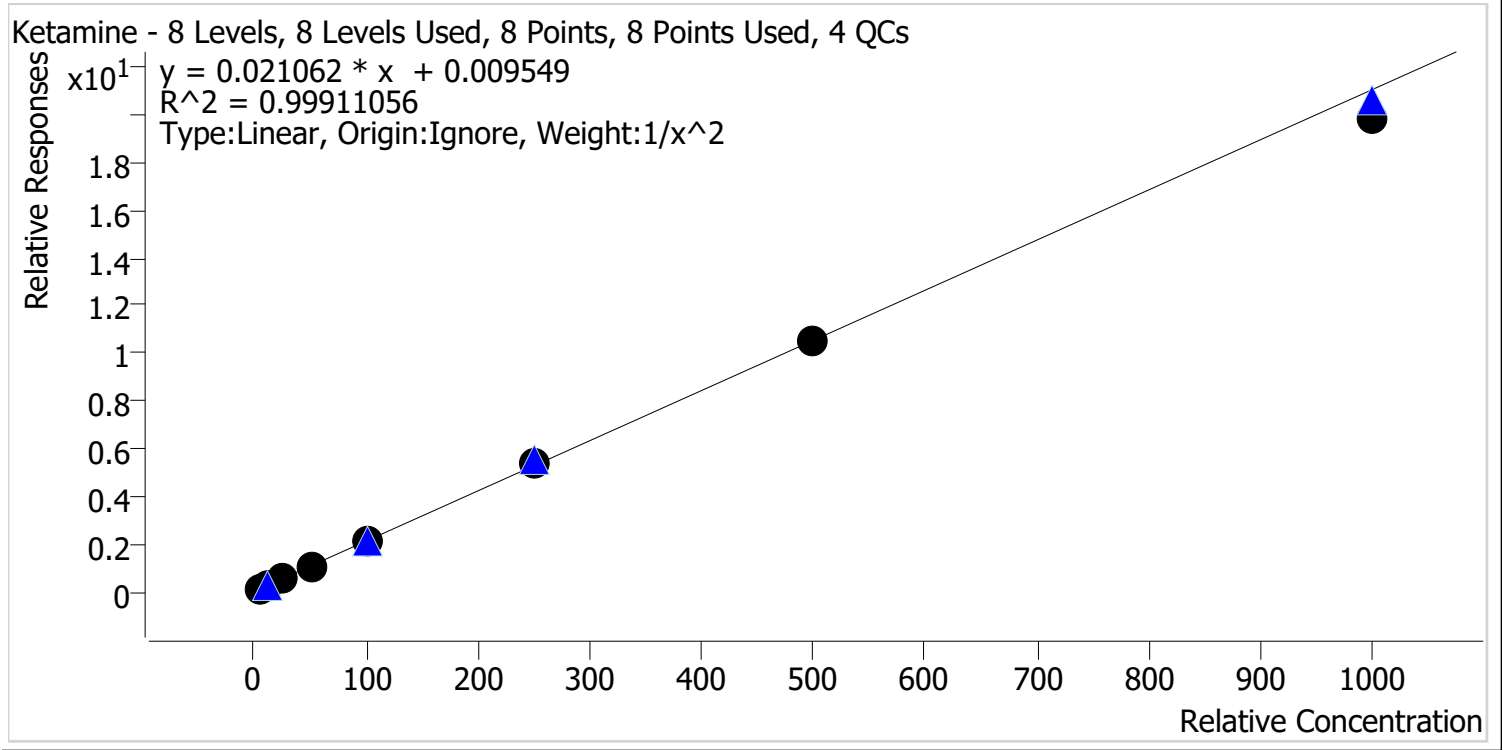
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1013.7	101.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



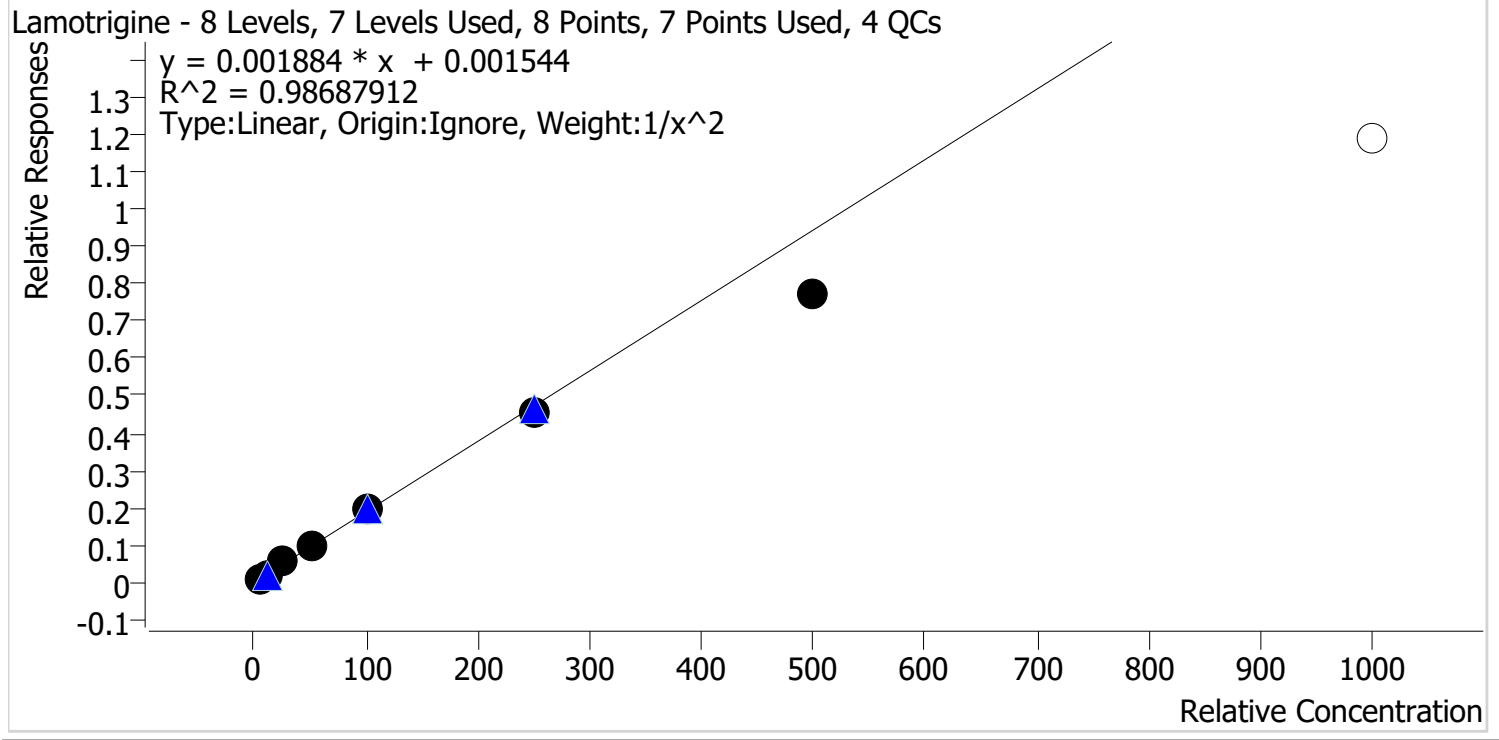
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	496.5	99.3
p1 Cal 8-1000ng	8	✓	1000.0	946.0	94.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.7
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	239.9	95.9
p1 Cal 7-500ng	7	✓	500.0	410.9	82.2
p1 Cal 8-1000ng	8	✗	1000.0	630.9	63.1

*Calibrator 8 dropped due to accuracy.

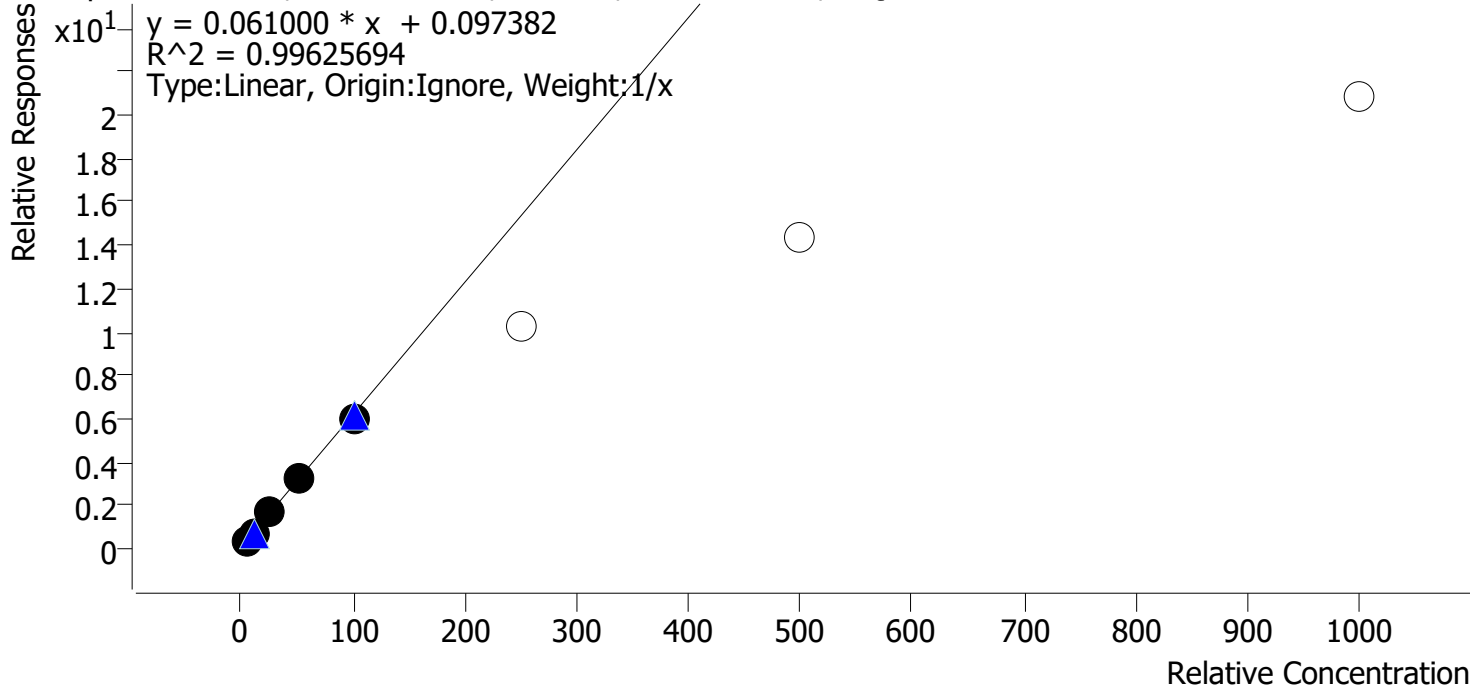
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

Lorazepam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	90.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✗	250.0	165.6	66.2
p1 Cal 7-500ng	7	✗	500.0	232.6	46.5
p1 Cal 8-1000ng	8	✗	1000.0	341.1	34.1

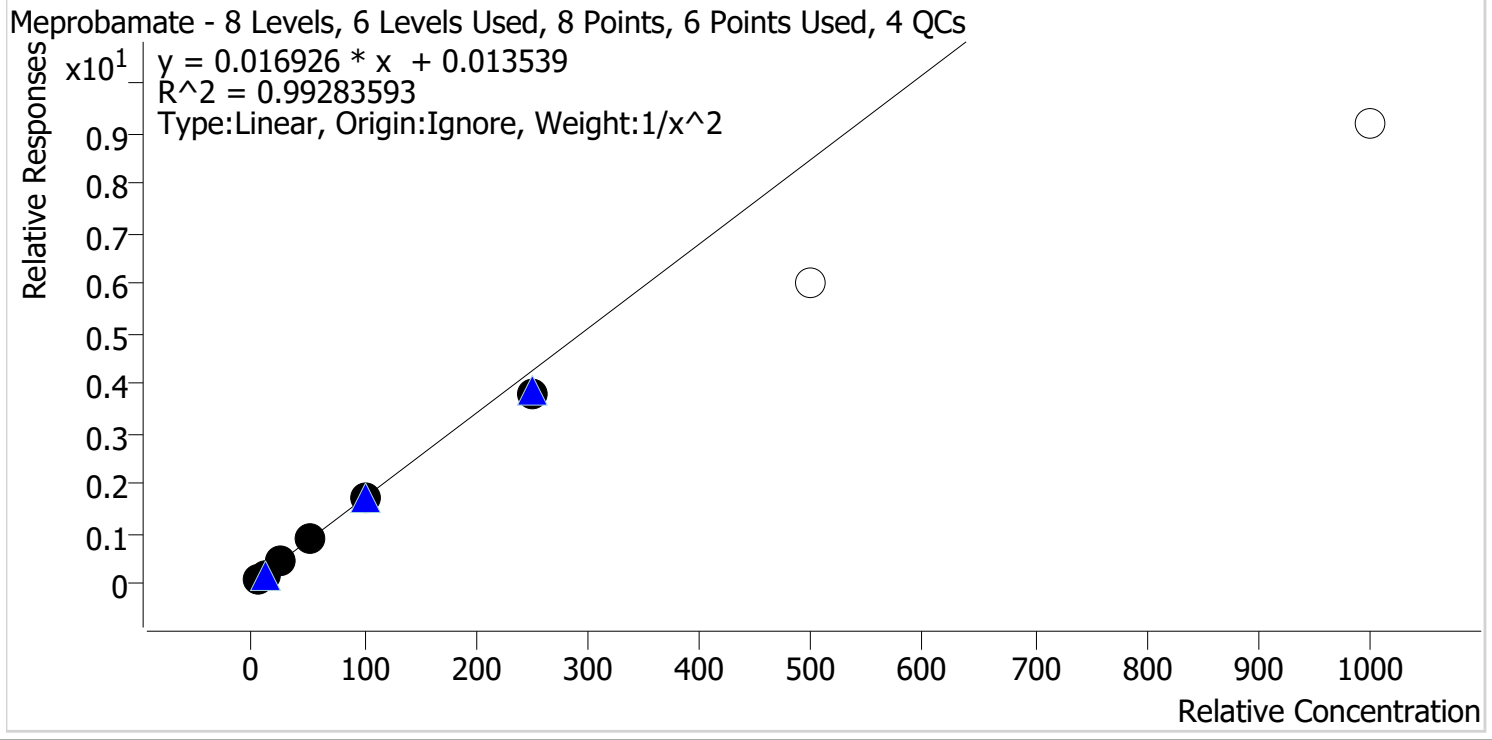
*Calibrators 6, 7, and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



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	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	221.2	88.5
p1 Cal 7-500ng	7	x	500.0	355.2	71.0
p1 Cal 8-1000ng	8	x	1000.0	540.2	54.0

*Calibrators 7 and 8 dropped due to accuracy.

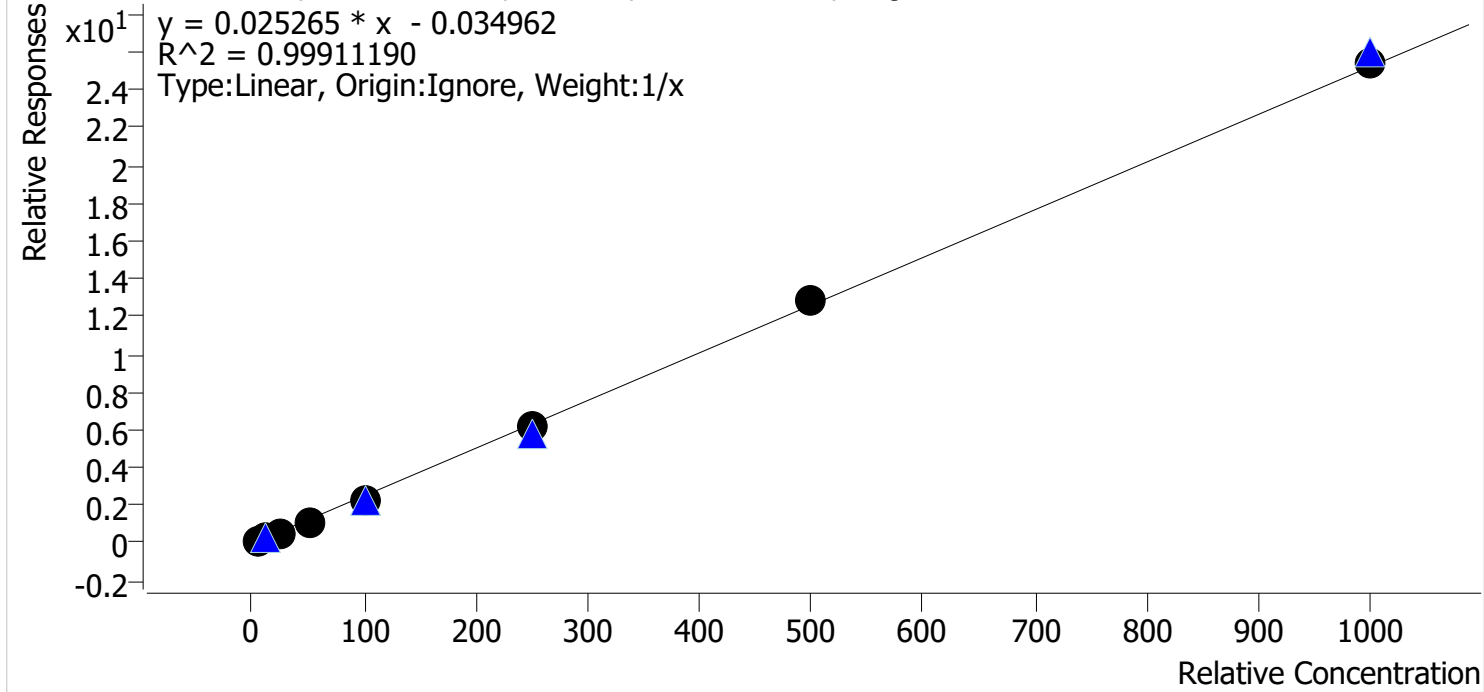
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



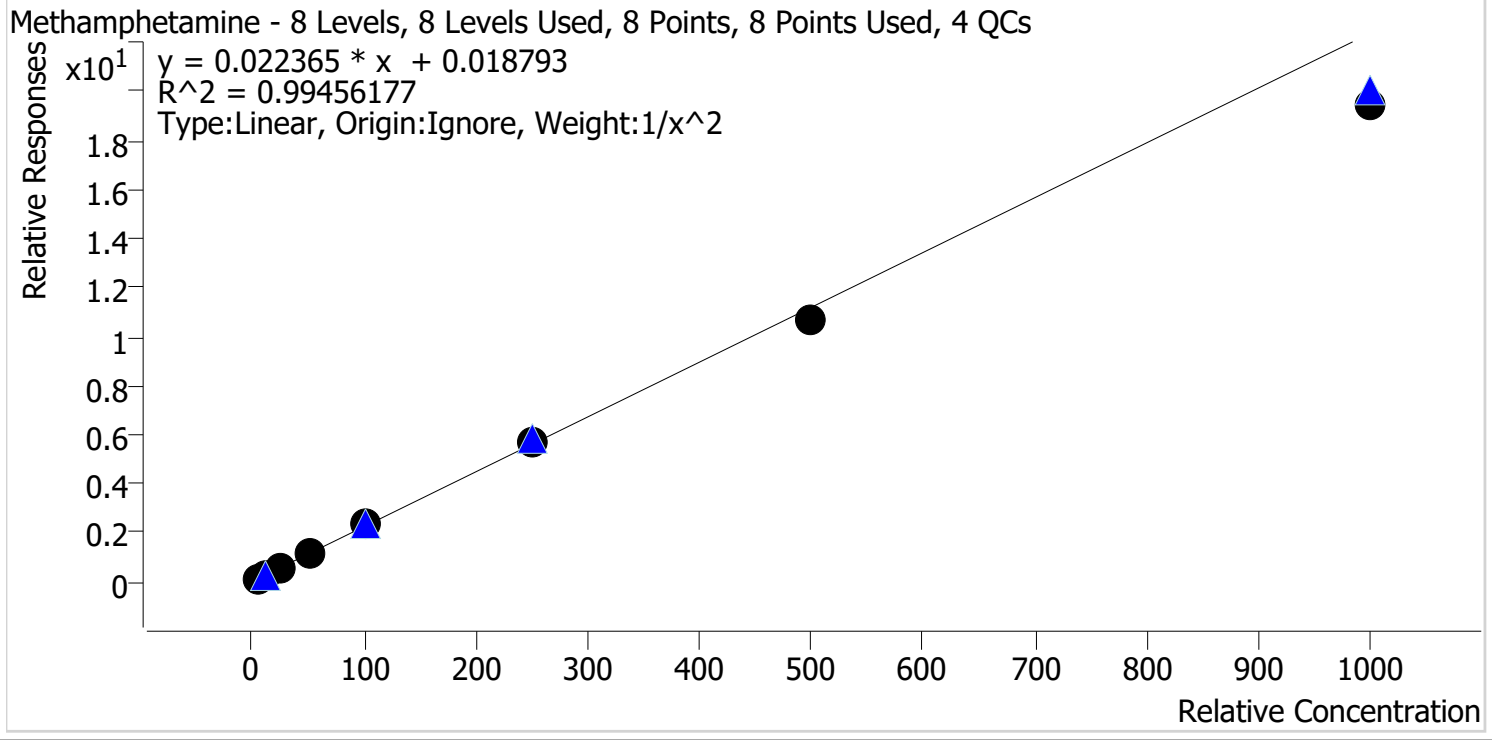
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.9	117.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	90.5	90.5
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	508.3	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1008.6	100.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	478.8	95.8
p1 Cal 8-1000ng	8	✓	1000.0	870.0	87.0

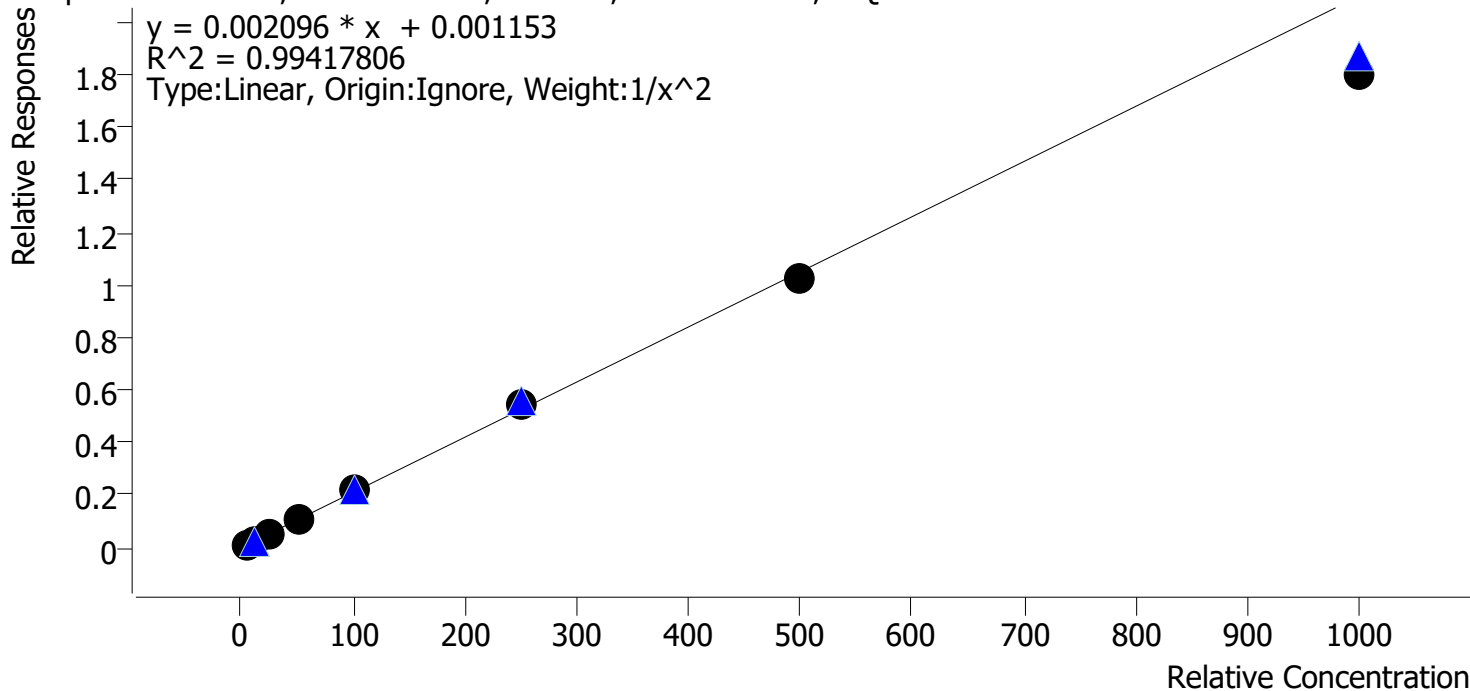
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	261.7	104.7
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	855.4	85.5

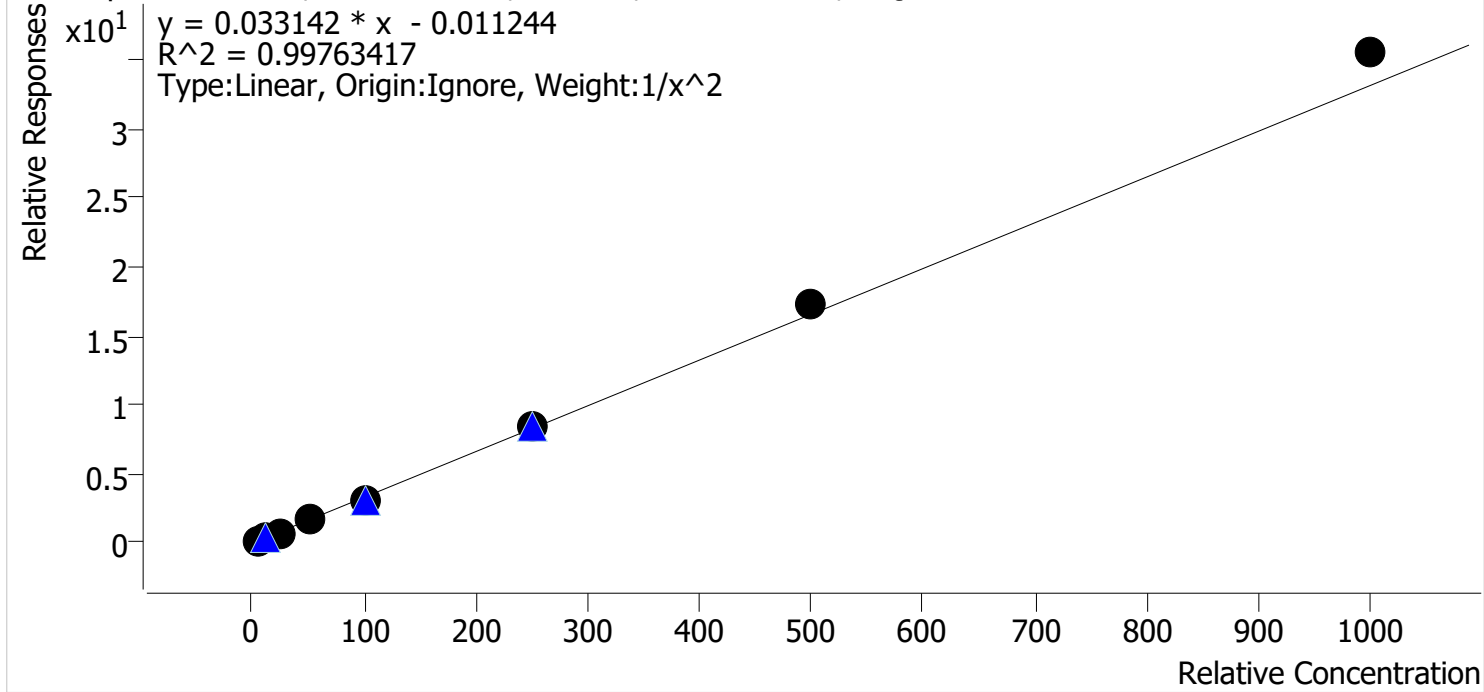
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

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



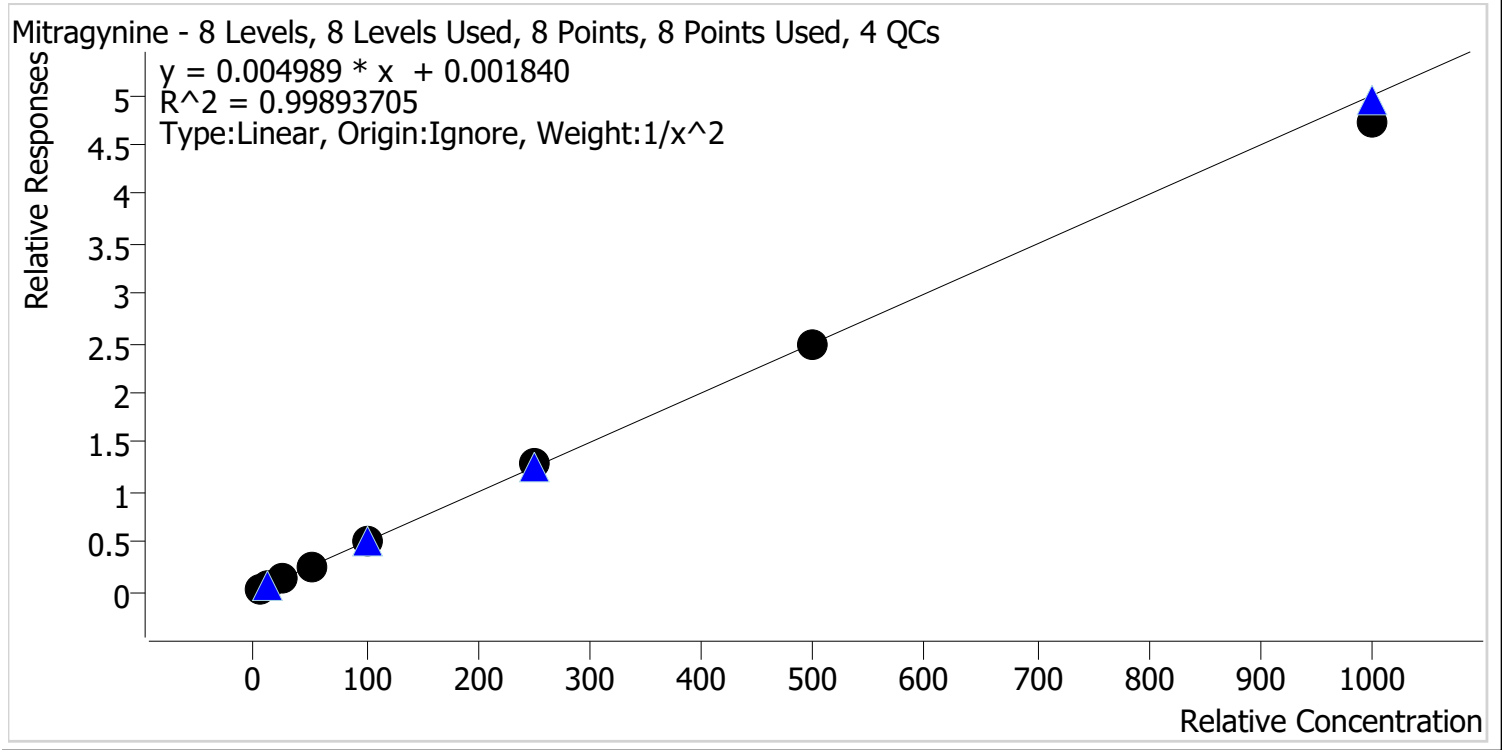
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	519.5	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1069.7	107.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



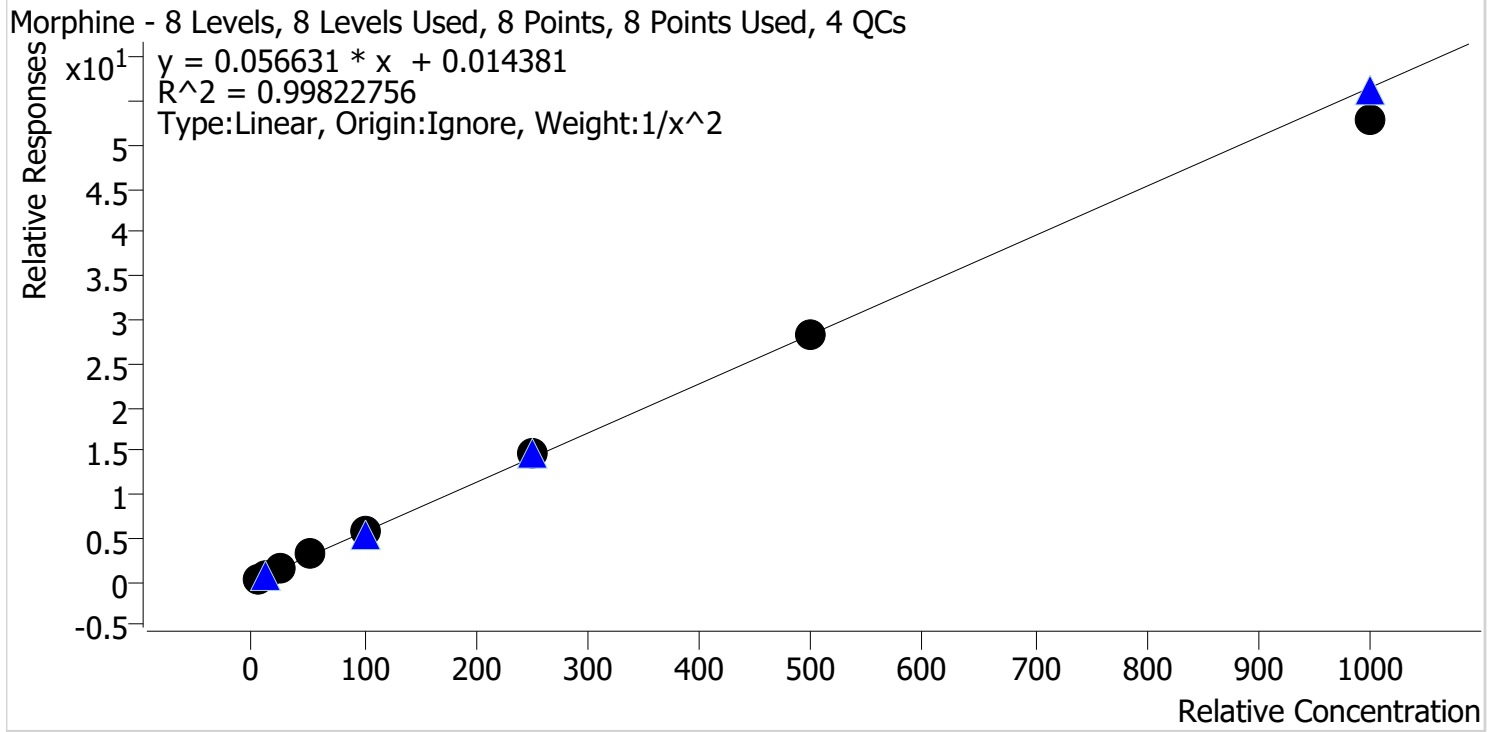
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	945.3	94.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	497.1	99.4
p1 Cal 8-1000ng	8	✓	1000.0	934.8	93.5

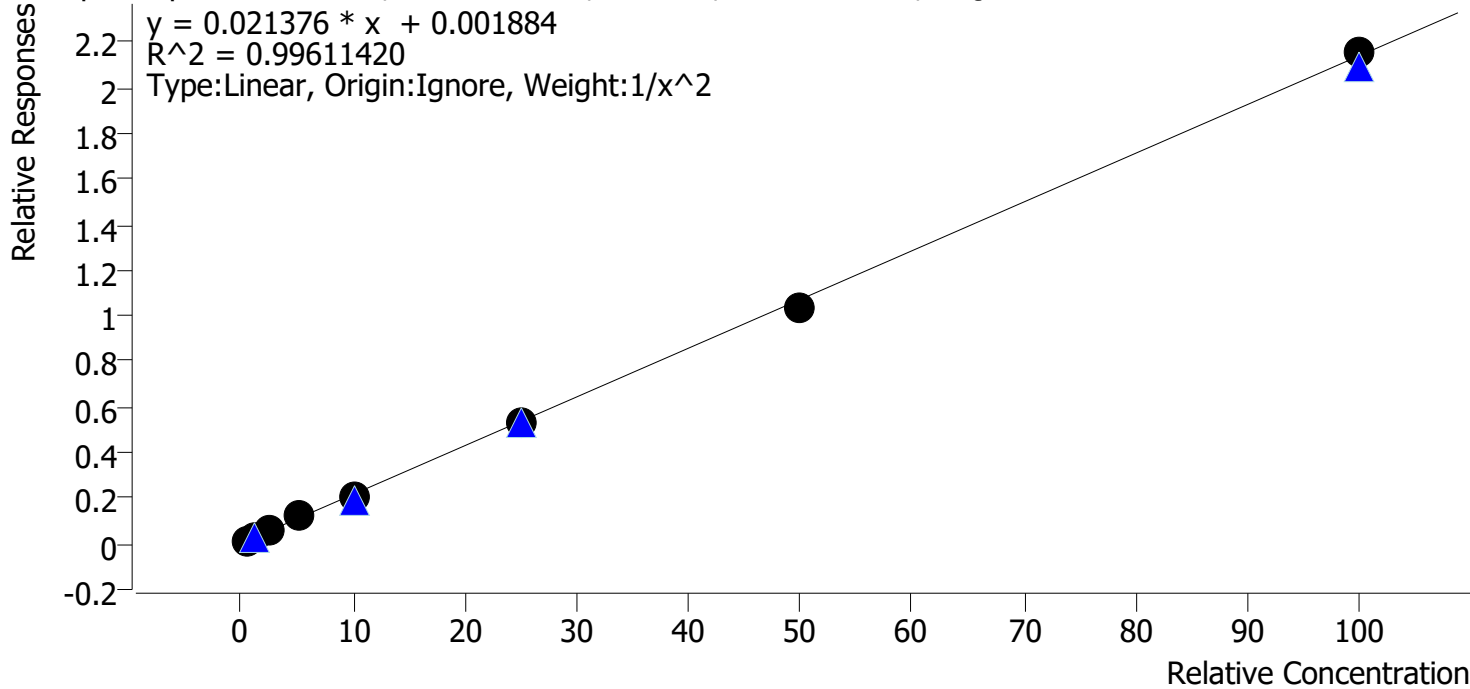
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



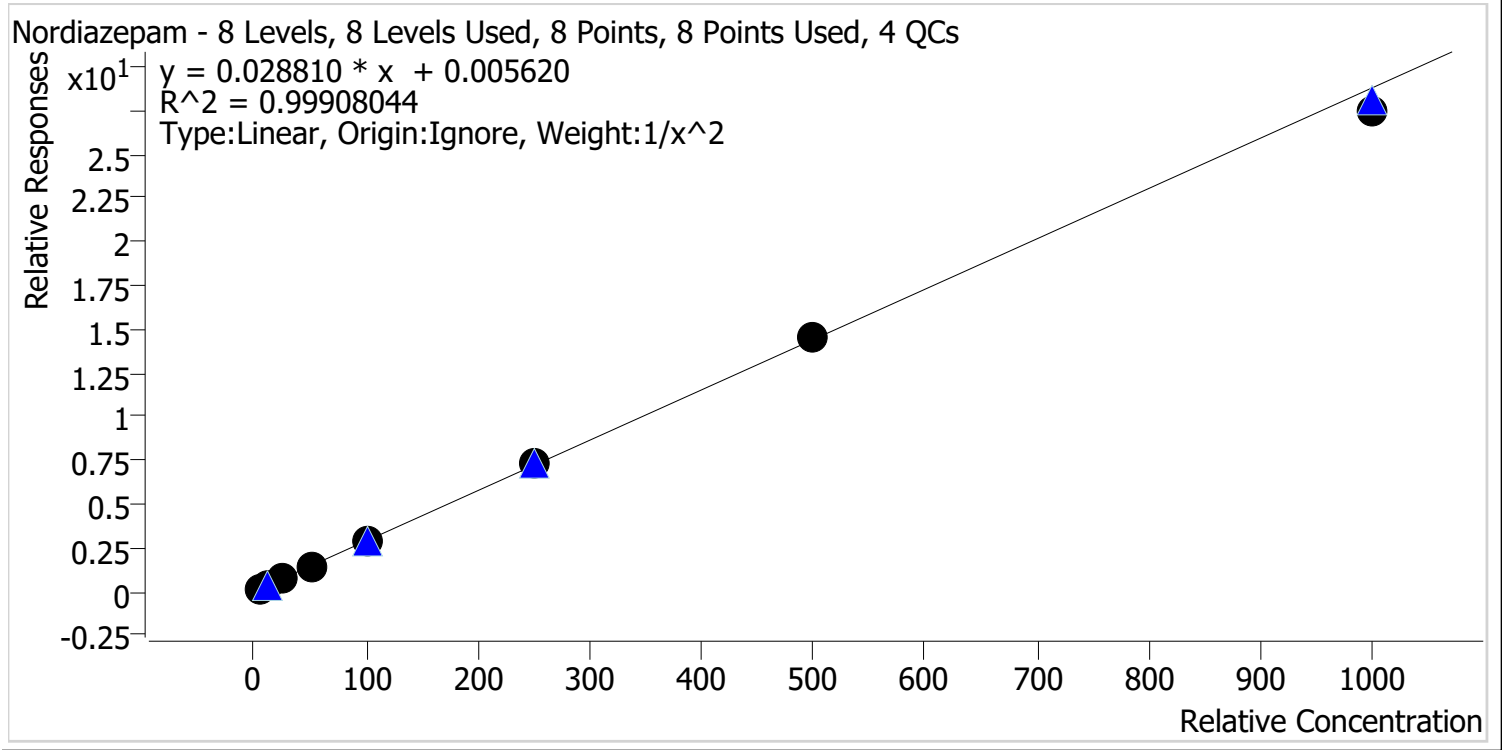
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.3
p1 Cal 2-10ng	2	✓	1.0	1.1	108.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.1
p1 Cal 4-50ng	4	✓	5.0	5.4	107.8
p1 Cal 5-100ng	5	✓	10.0	9.7	96.9
p1 Cal 6-250ng	6	✓	25.0	24.6	98.2
p1 Cal 7-500ng	7	✓	50.0	48.6	97.3
p1 Cal 8-1000ng	8	✓	100.0	100.7	100.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



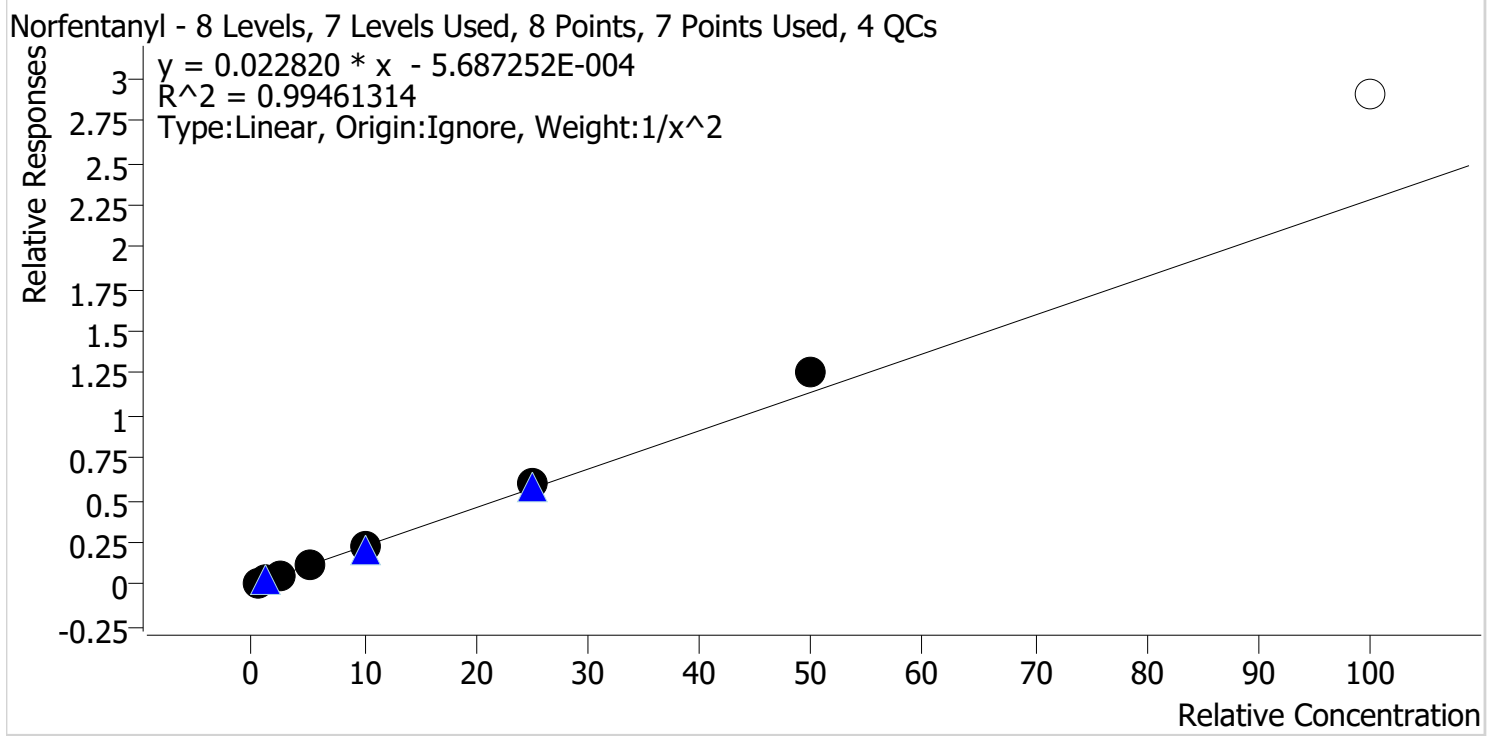
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	503.5	100.7
p1 Cal 8-1000ng	8	✓	1000.0	950.3	95.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.5
p1 Cal 2-10ng	2	✓	1.0	1.0	96.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.5
p1 Cal 4-50ng	4	✓	5.0	4.7	94.4
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	25.9	103.5
p1 Cal 7-500ng	7	✓	50.0	55.5	111.0
p1 Cal 8-1000ng	8	✗	100.0	127.3	127.3

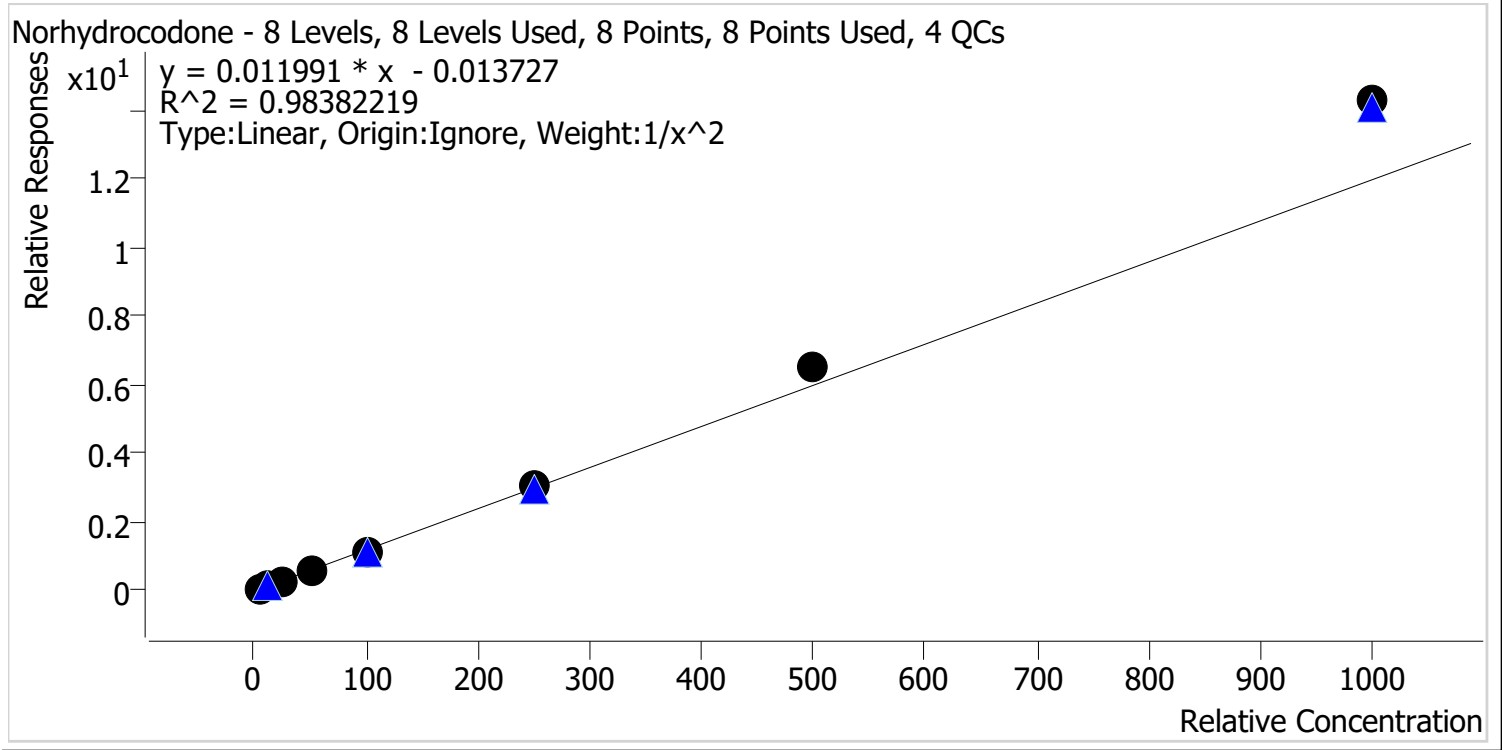
*Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



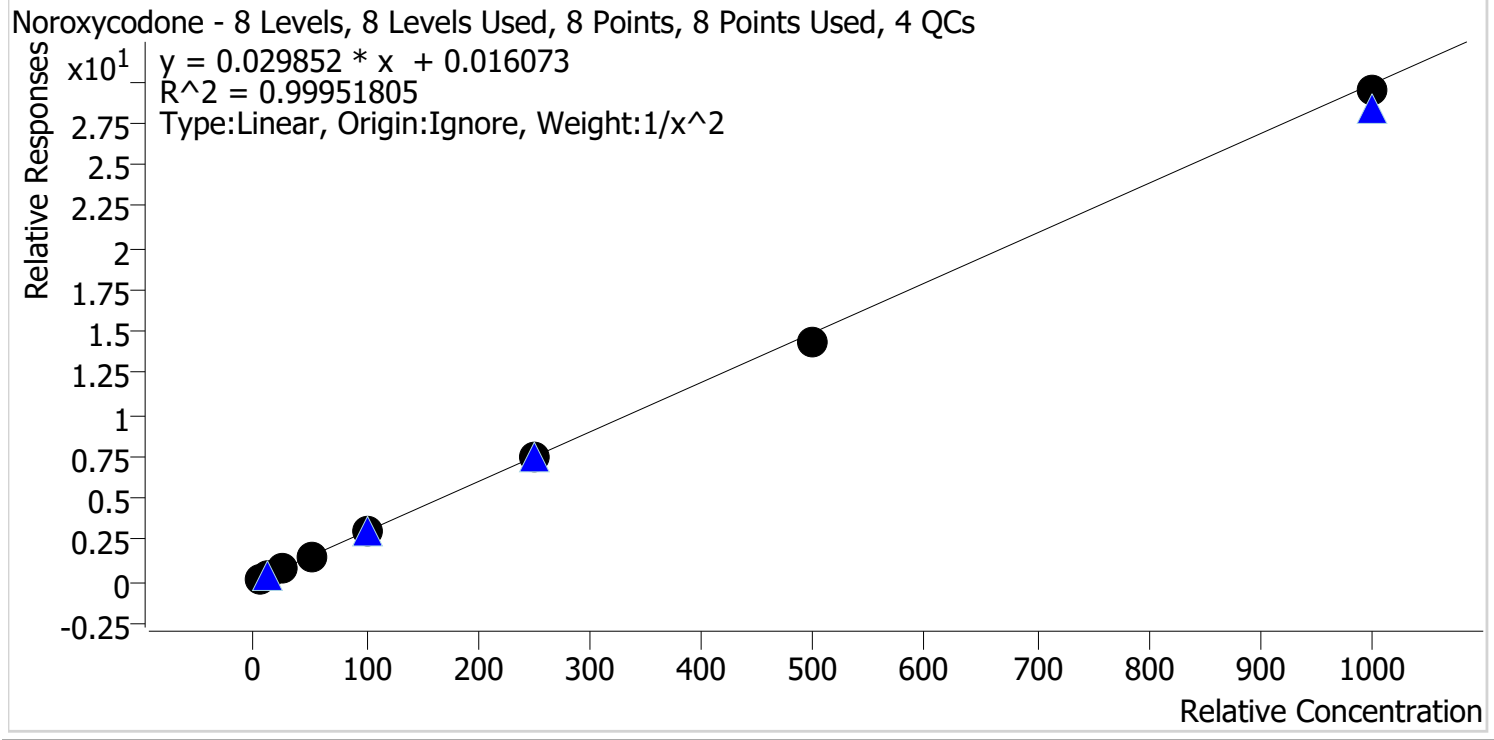
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.1
p1 Cal 2-10ng	2	✓	10.0	9.3	92.7
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.9
p1 Cal 4-50ng	4	✓	50.0	44.5	89.0
p1 Cal 5-100ng	5	✓	100.0	92.1	92.1
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	545.4	109.1
p1 Cal 8-1000ng	8	✓	1000.0	1192.5	119.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



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	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	480.8	96.2
p1 Cal 8-1000ng	8	✓	1000.0	986.7	98.7

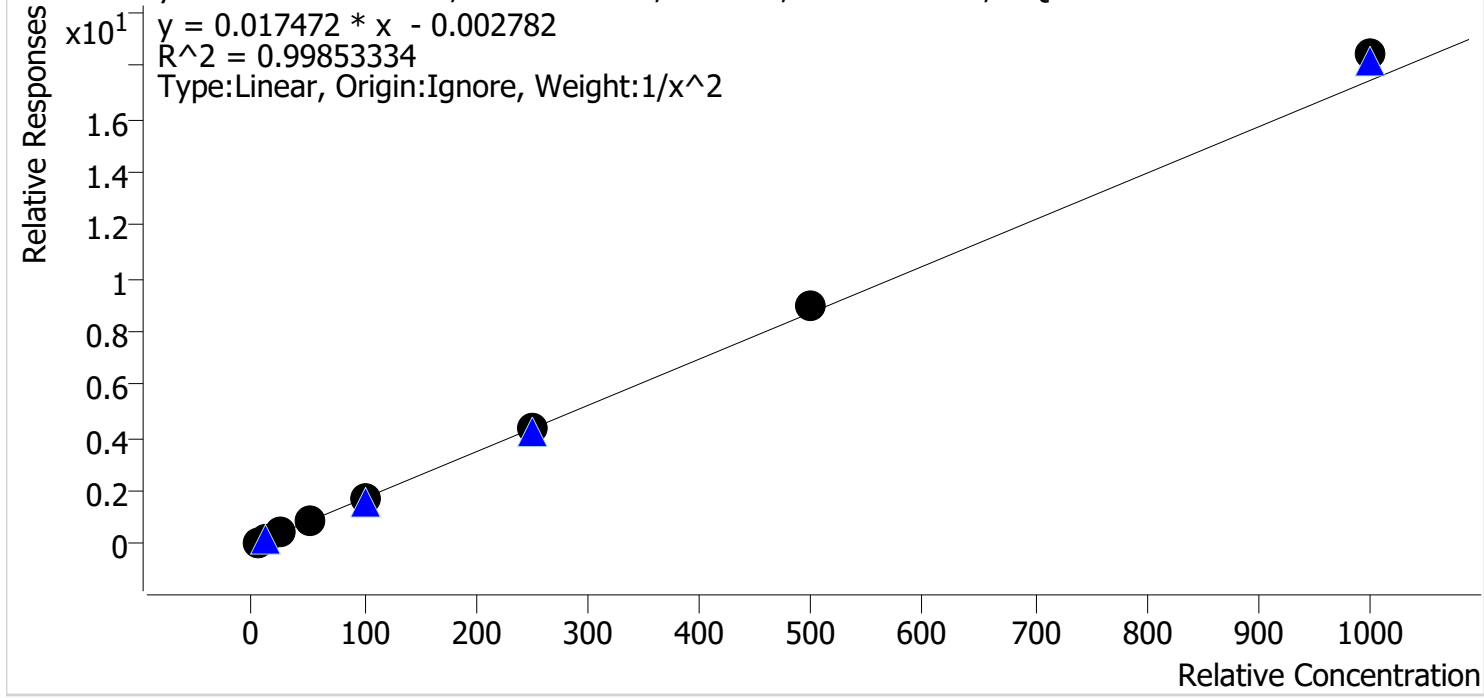
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



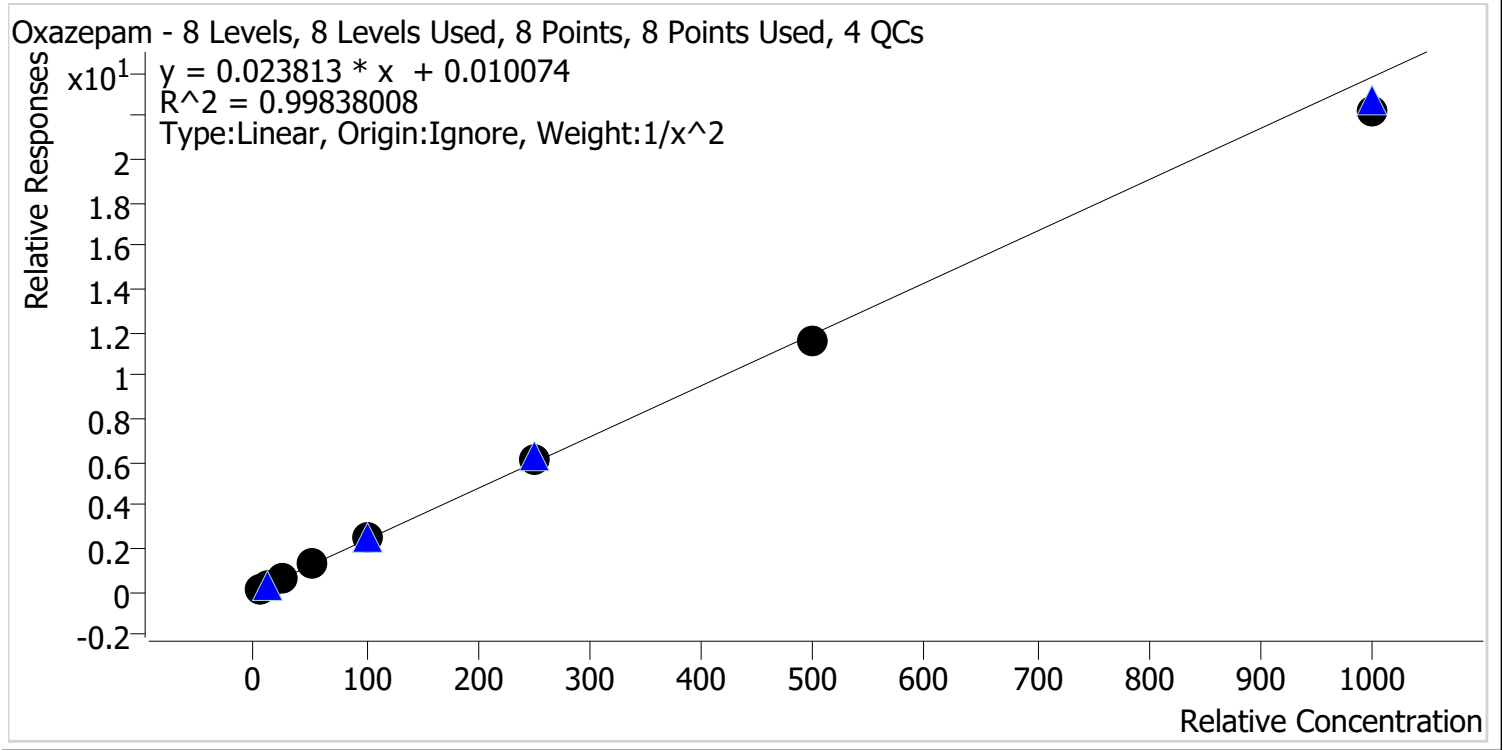
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	516.2	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1056.4	105.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



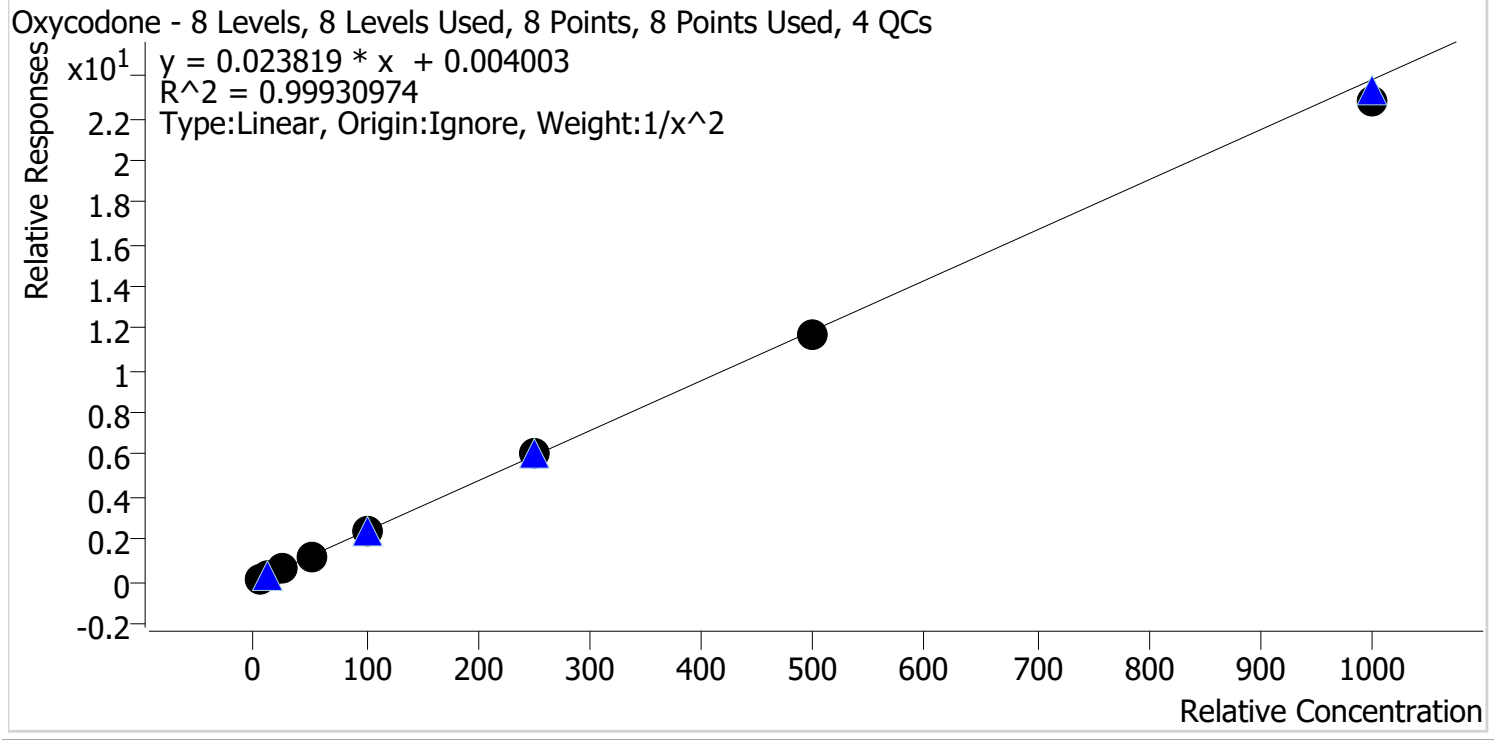
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	483.4	96.7
p1 Cal 8-1000ng	8	✓	1000.0	933.5	93.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 3/7/2022 9:32 AM
 Analyst Name ISP\Datastor
 Analyte Oxycodone Internal Standard Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	957.4	95.7

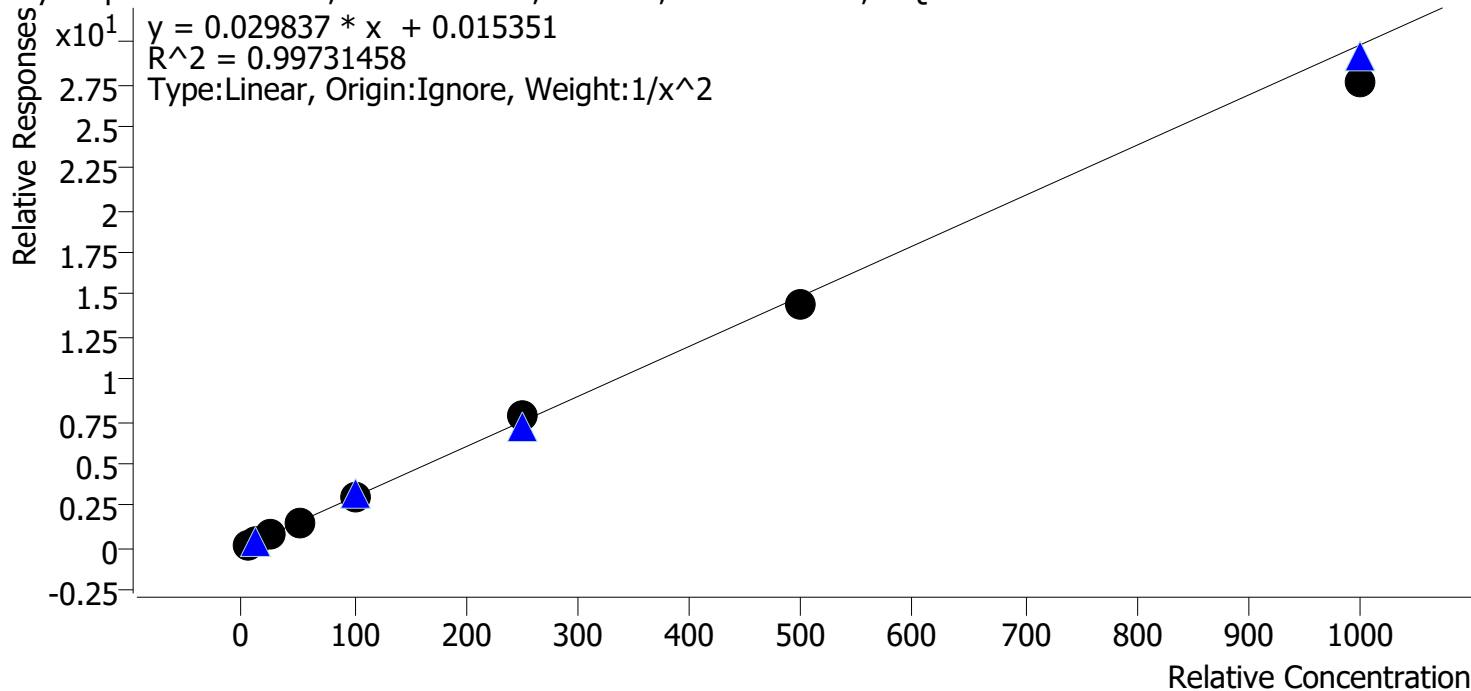
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	483.7	96.7
p1 Cal 8-1000ng	8	✓	1000.0	923.9	92.4

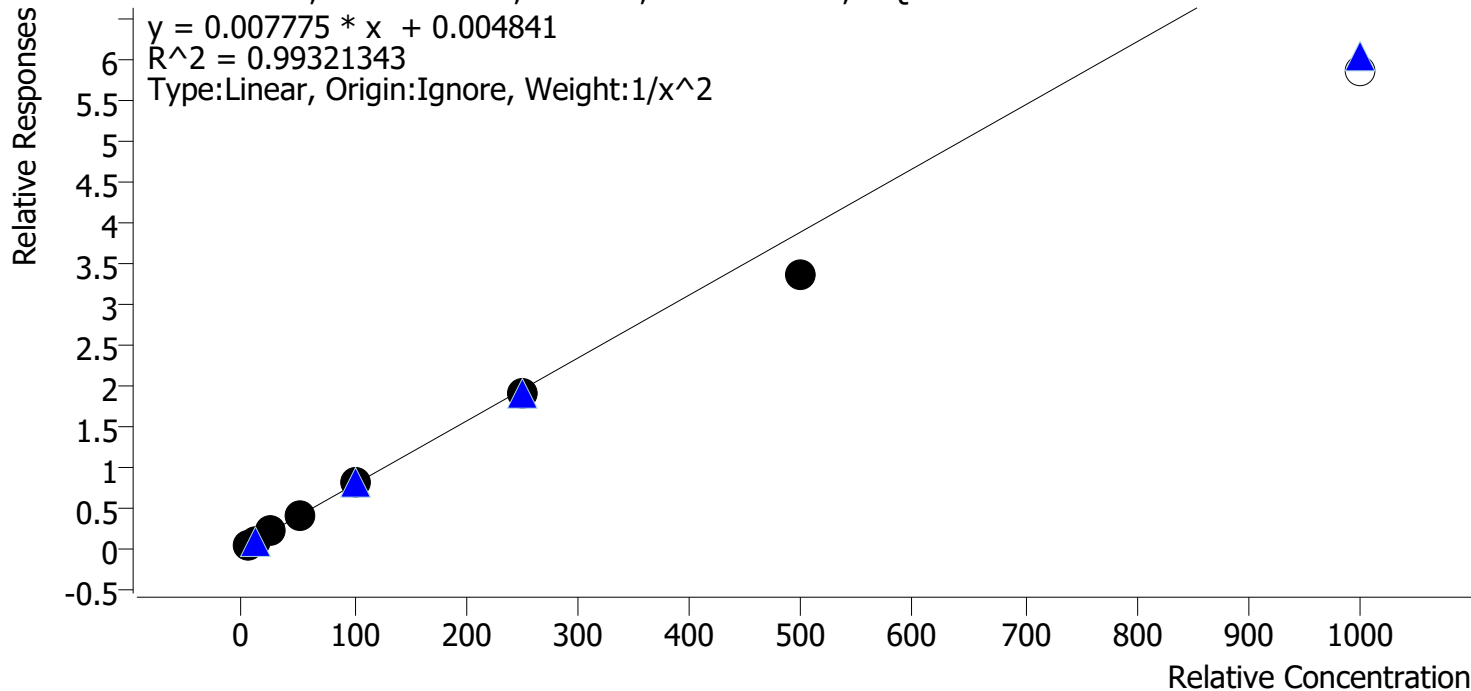
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	432.1	86.4
p1 Cal 8-1000ng	8	✗	1000.0	755.5	75.5

*Calibrator 8 dropped due to accuracy.

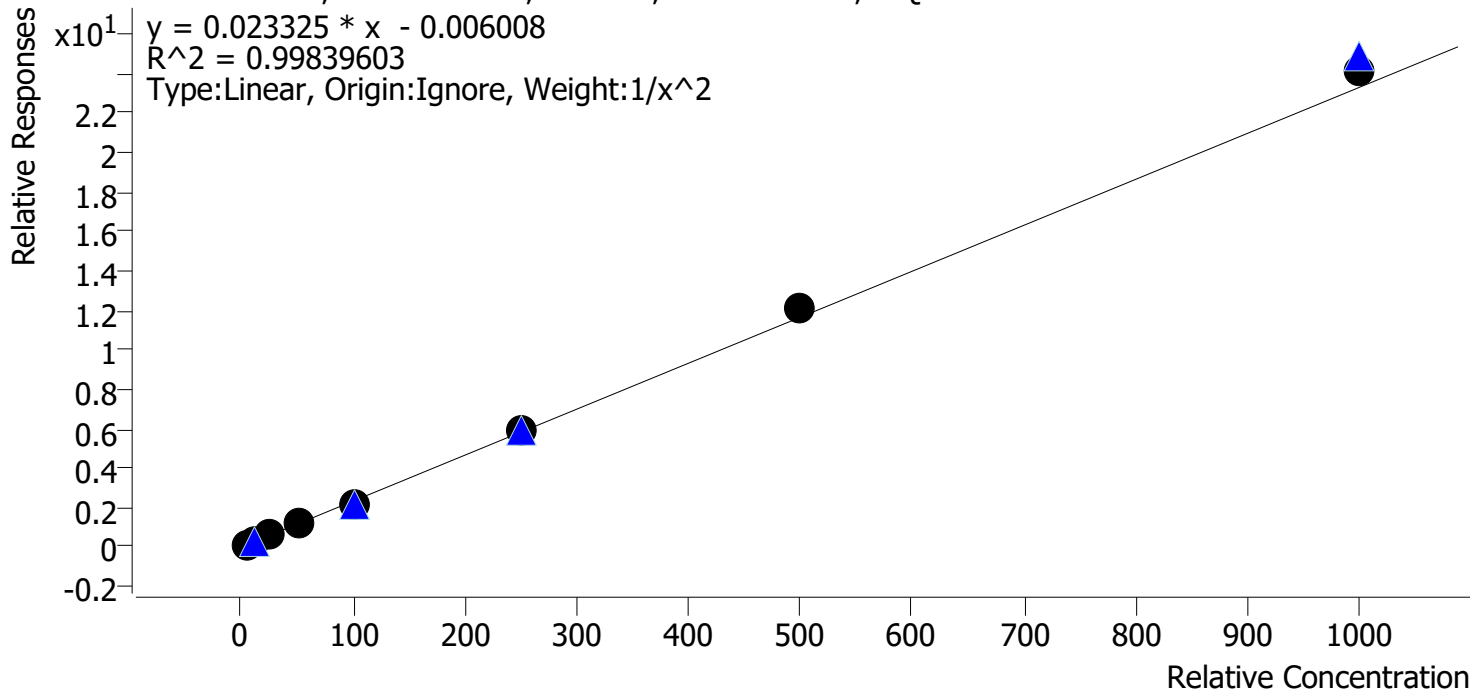
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



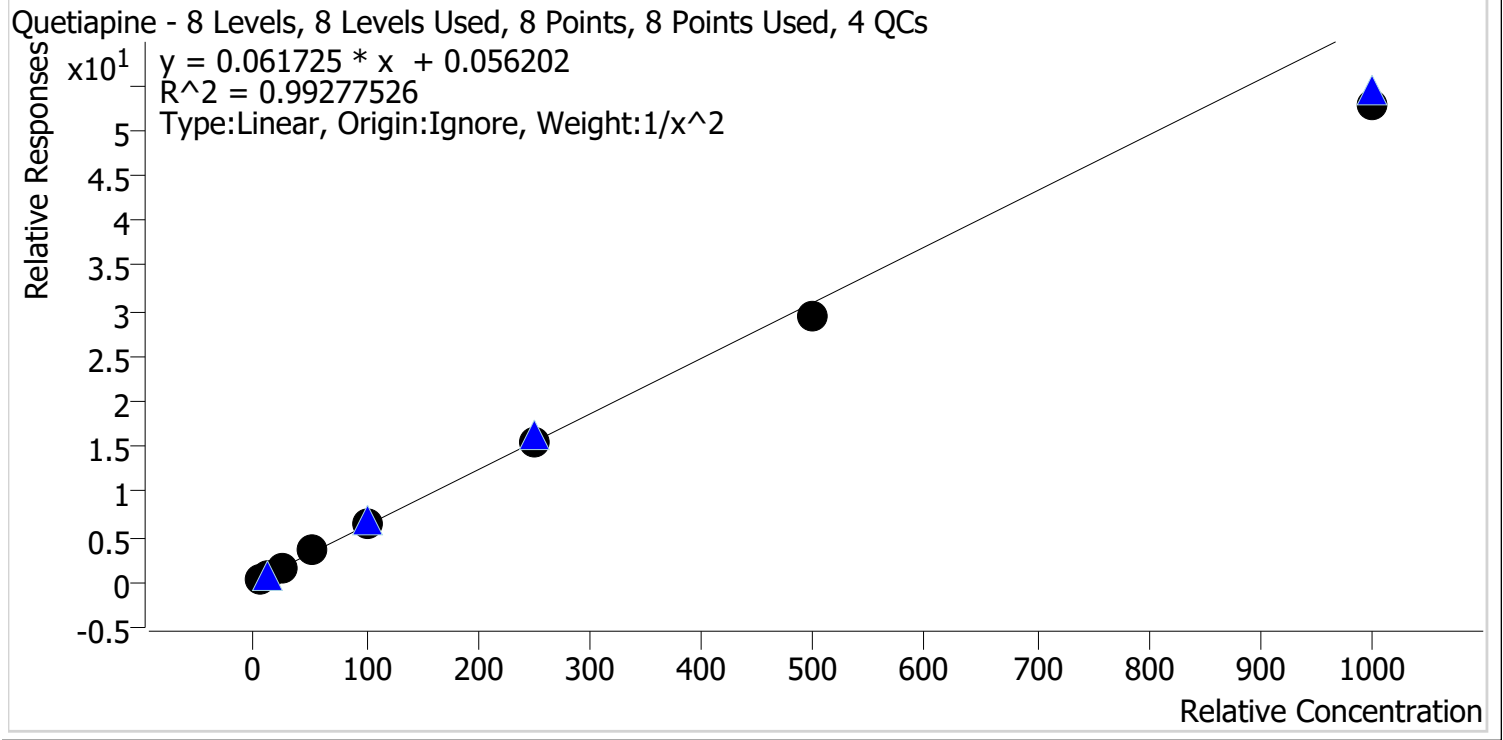
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	521.1	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1040.1	104.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



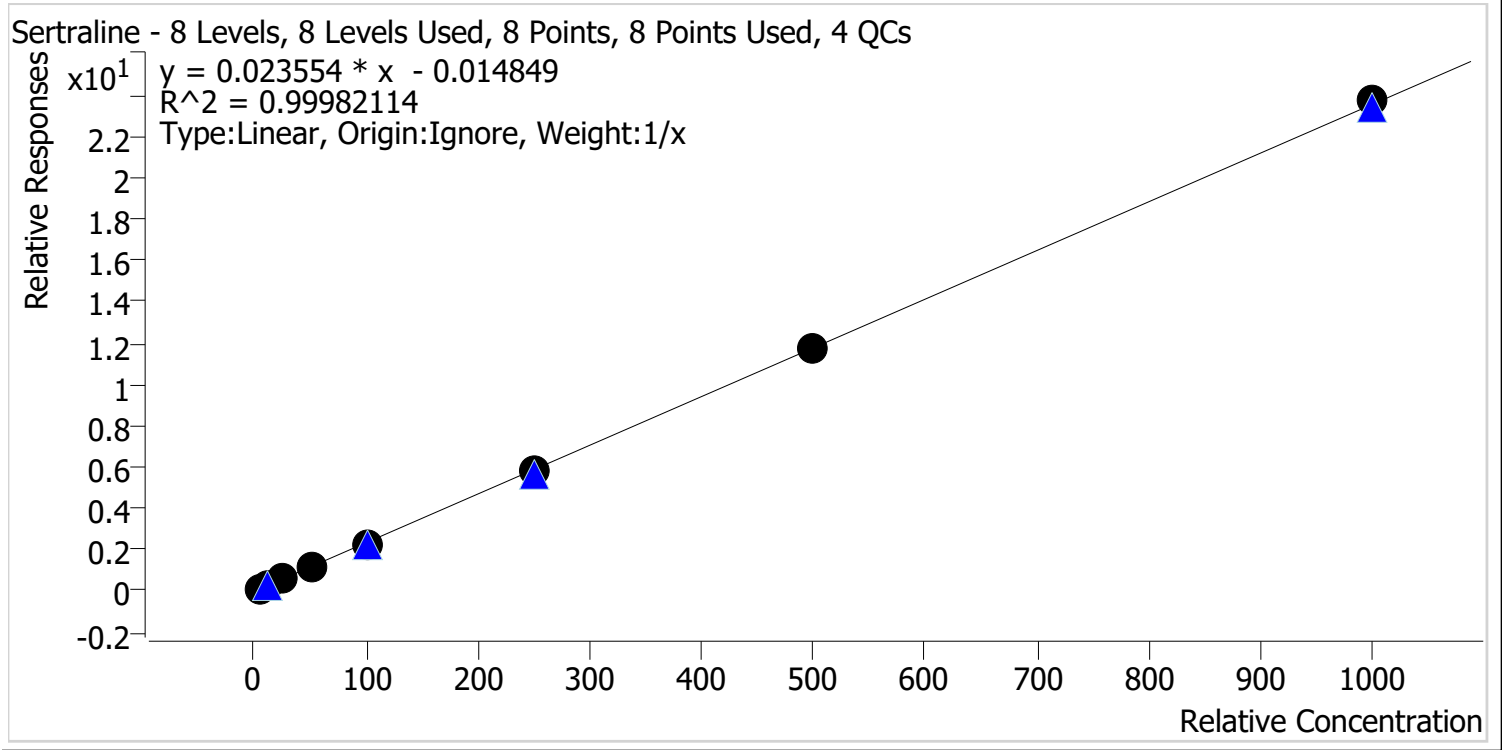
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.8
p1 Cal 4-50ng	4	✓	50.0	54.2	108.5
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	473.4	94.7
p1 Cal 8-1000ng	8	✓	1000.0	856.8	85.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



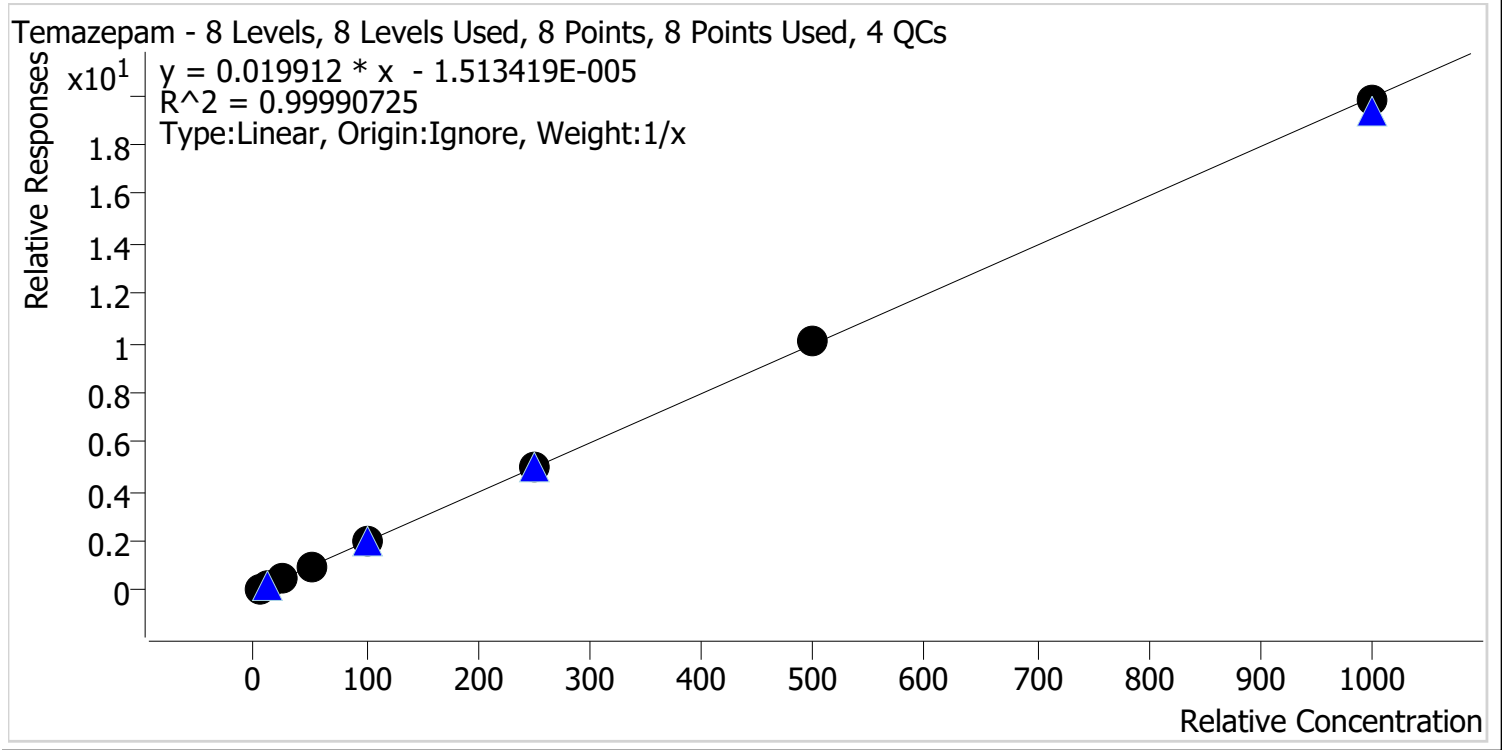
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1007.9	100.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



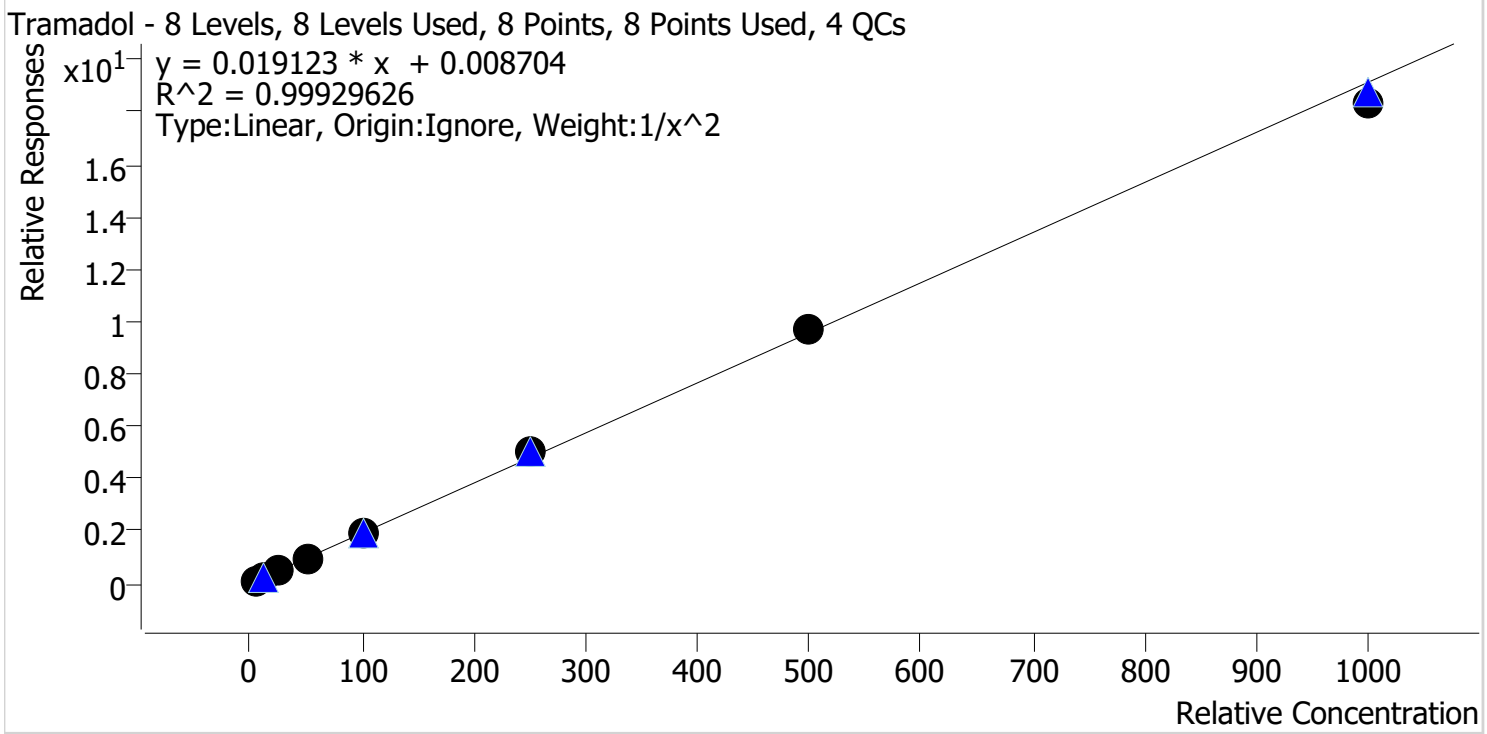
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	503.7	100.7
p1 Cal 8-1000ng	8	✓	1000.0	993.2	99.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



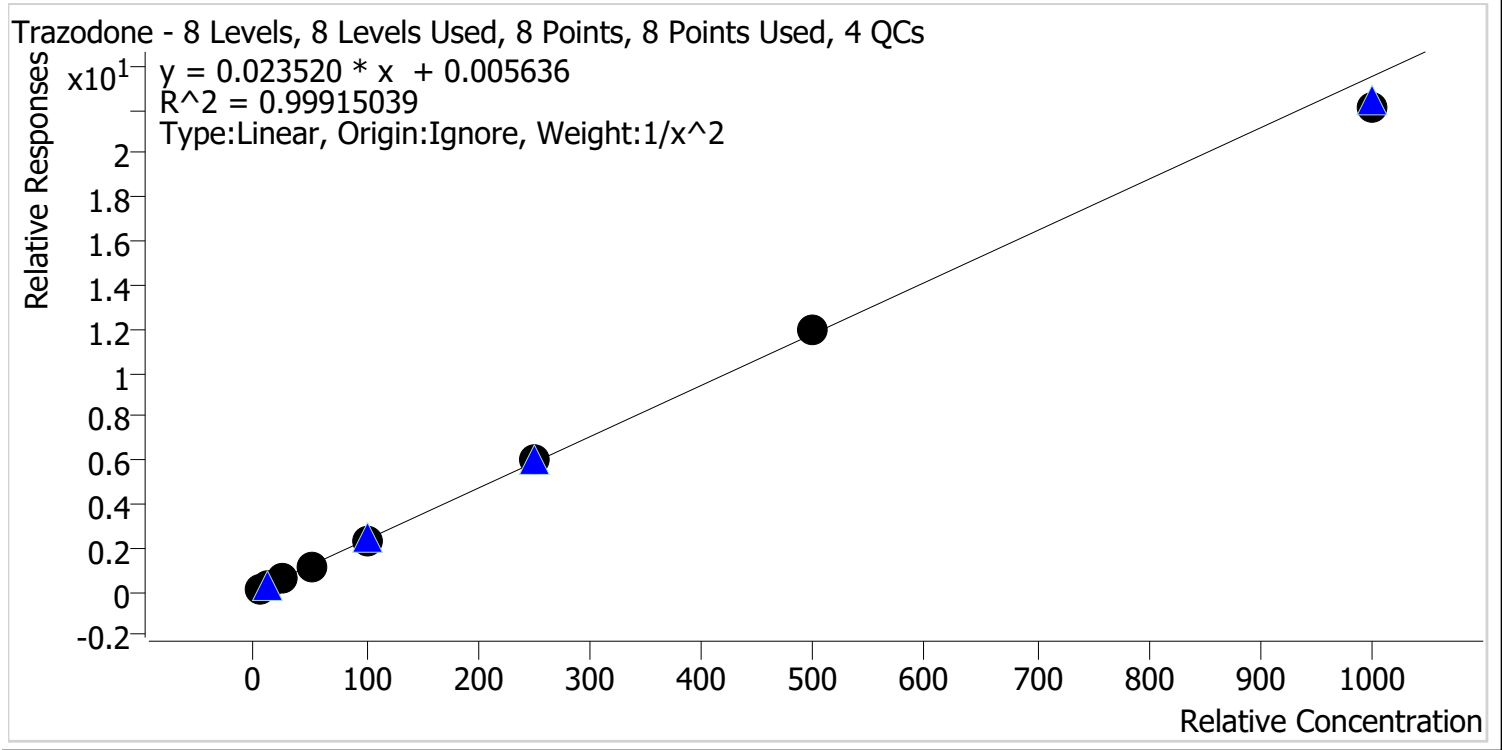
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	956.4	95.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



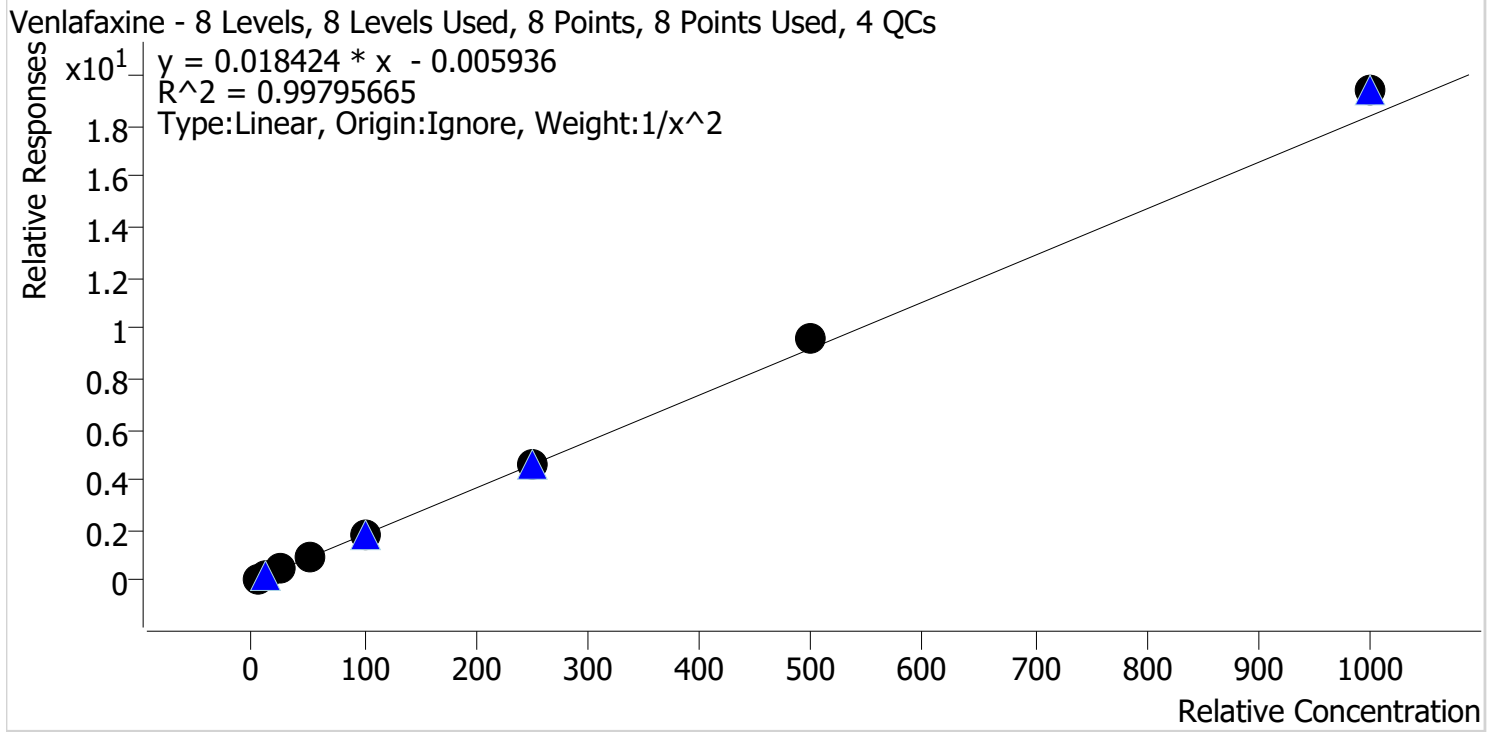
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	943.1	94.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



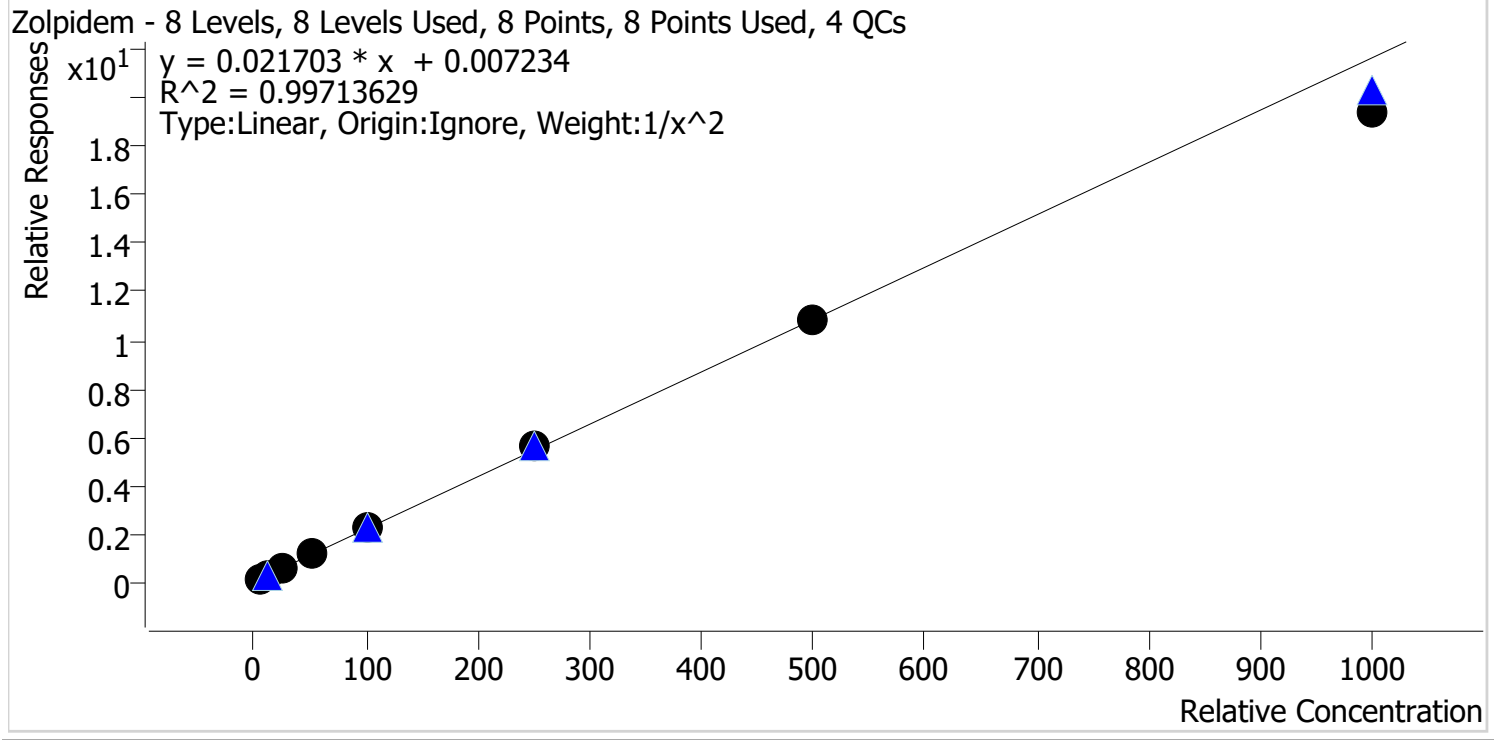
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	524.1	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1054.4	105.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2022 9:32 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	498.8	99.8
p1 Cal 8-1000ng	8	✓	1000.0	894.7	89.5

TS

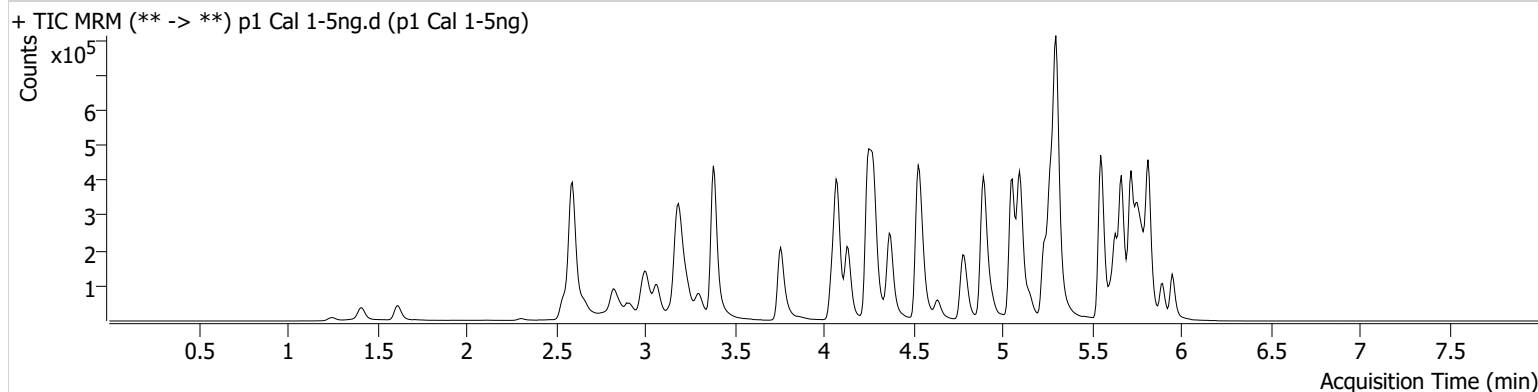


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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	Tamara Salazar
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 4:53:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	928	178.15	71.5	992.28	53192	0.4900 ng/ml
7-aminoclonazepam	4.271	16572	1530.17	77.5	1991.02	123962	4.8342 ng/ml
a-hydroxyalprazolam	5.699	9883	111.92	73.6	231.66	243385	4.7336 ng/ml
alpha-PHP	4.944	17318	1056.07	259.0	19004.44	544102	4.9716 ng/ml
alpha-PVP	4.383	63023	5347.69	50.1	264.19	544102	5.0706 ng/ml
Alprazolam	5.782	31013	355.77	112.7	339.14	243385	5.0520 ng/ml
Amphetamine	3.069	115708	1151.43	48.6	66.43	303186	4.6763 ng/ml
Benzoylecgonine	3.892	1152	12.69	8.3	∞	7989	5.1013 ng/ml
Buprenorphine	5.819	1551	99.42	18.5	390.98	102231	0.5002 ng/ml
Bupropion	4.801	64619	5293.69	63.4	463.88	458336	5.0174 ng/ml
Carisoprodol	5.730	38030	1944.94	55.1	83.31	334543	5.8275 ng/ml
Citalopram	5.239	49752	726.93	37.5	12693.34	450723	5.0493 ng/ml
Clonazepam	5.618	36754	311.76	34.9	1141.28	98590	4.7550 ng/ml
Clonazepam	5.555	24649	39202.81	32.9	10923.08	98590	4.8153 ng/ml
Cocaine	4.277	42293	4304.31	53.8	9883.58	721803	4.9750 ng/ml
Codeine	2.600	5712	788.94	101.1	7385.95	55268	4.8329 ng/ml
Cyclobenzaprine	5.635	44475	4769.99	8.3	341.53	404319	5.1715 ng/ml
Dextromethorphan	5.282	32398	1917.64	80.0	5556.62	300225	5.0153 ng/ml
Dextrophan	4.139	17559	27095.54	212.1	974.69	408128	5.0500 ng/ml
Diazepam	5.960	22502	846.57	89.8	2213.80	216024	4.9299 ng/ml
Dihydrocodeine	2.579	12575	3036.67	64.9	43.65	162710	4.6938 ng/ml
Diphenhydramine	5.303	139567	8392.85	31.1	137.68	1539466	5.0719 ng/ml
Doxylamine	4.549	124192	2057.42	100.5	6475.51	1109347	5.0128 ng/ml
EDDP	5.275	52335	342.03	42.0	7273.76	588507	5.0969 ng/ml
Etizolam	5.820	13422	24249.44	26.2	5441.53	98590	5.1675 ng/ml
Fentanyl	5.109	4057	216.69	78.3	85.08	500504	0.5027 ng/ml
Flualprazolam	5.712	13813	690.97	90.5	2090.39	243385	4.8871 ng/ml
Fluoxetine	5.721	49325	80067.54	8.4	638.17	370265	5.1211 ng/ml
Hydrocodone	3.039	20921	32.17	31.7	31.12	234787	4.8797 ng/ml
Hydromorphone	1.628	16844	407.44	78.4	108534.58	108425	5.1650 ng/ml
Ketamine	4.065	40583	3627.67	38.3	77.07	359236	4.9104 ng/ml
Lamotrigine	4.294	3792	146.24	86.9	355.19	359236	4.7838 ng/ml
Levetiracetam	2.663	21849	324.94	138.6	651.09	1100300	5.0405 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	36677	418.40	50.3	78.48	98590	4.5022 ng/ml
MDA	3.216	74030	666.53	29.6	85.72	471269	4.7675 ng/ml
MDMA	3.310	40205	1231.88	92.7	116.65	96715	5.0100 ng/ml
Meprobamate	4.917	21998	1565.83	24.7	133.48	230710	4.8333 ng/ml
Methadone	5.666	76607	163.03	55.7	1417.95	676549	5.8655 ng/ml
Methamphetamine	3.238	87788	227.98	38.4	315.39	689876	4.8495 ng/ml
Metoprolol	4.340	11375	376.50	97.3	413.23	998894	4.8832 ng/ml
Mirtazapine	4.637	86080	6778.00	46.8	2681.50	544102	5.1128 ng/ml
Mitragynine	5.243	18253	45182.17	35.2	10145.91	676549	5.0386 ng/ml
Morphine	1.261	2788	939.82	18.4	37.41	9375	4.9981 ng/ml
Norbuprenorphine	5.013	182	145.25	94.3	683.04	14955	0.4813 ng/ml
Nordiazepam	5.900	23720	432.40	58.3	428.10	158073	5.0134 ng/ml
Norfentanyl	4.099	9759	253.50	35.8	92.67	867875	0.5177 ng/ml
Norhydrocodone	3.086	3212	65.85	37.7	71.39	63579	5.3572 ng/ml
Noroxycodone	2.930	21161	1360.65	45.6	6235.96	129198	4.9482 ng/ml
O-desmethyl-tramadol	3.389	91620	5304.54	5.7	1378.20	1070103	5.0596 ng/ml
Oxazepam	5.763	45290	96.41	71.8	80.59	353977	4.9499 ng/ml
Oxycodone	2.854	36480	277.20	30.1	513.50	296310	5.0006 ng/ml
Oxymorphone	1.418	16752	1717.78	46.1	72.32	103436	4.9137 ng/ml
Phentermine	3.797	25141	396.64	6.2	30.46	594184	4.8192 ng/ml
Promethazine	5.552	87412	4109.24	30.2	124.86	774448	5.0966 ng/ml
Pseudoephedrine	2.603	107140	164.47	17.5	61.63	1100300	5.1150 ng/ml
Quetiapine	5.562	59794	97667.95	58.1	30897.68	168671	4.8327 ng/ml
Sertraline	5.796	16443	442.10	92.8	156.31	146579	5.3930 ng/ml
Temazepam	5.823	70414	493.82	27.2	39.49	713194	4.9592 ng/ml
Tramadol	4.259	104357	350.58	3.3	55.60	998894	5.0080 ng/ml
Trazodone	5.149	62149	67279.38	75.3	6540.79	508749	4.9543 ng/ml
Venlafaxine	5.057	81730	5737.55	34.2	149.34	920617	5.1409 ng/ml
Zolpidem	4.914	92039	457.80	30.7	1565.28	805015	4.9347 ng/ml

TS

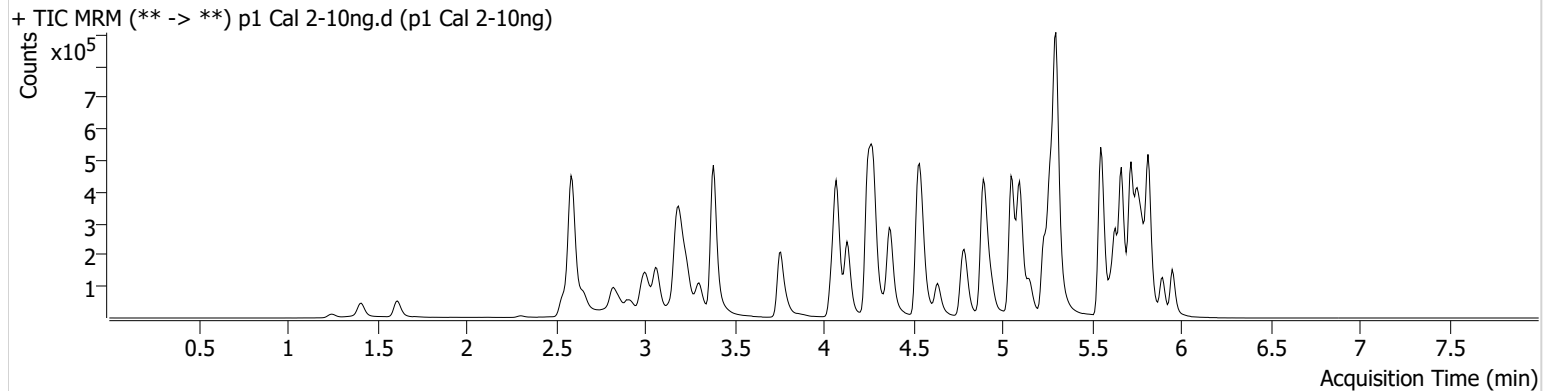


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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** Tamara Salazar
Sample Position P6-B1 **Comment**
Injection Volume 2
Acq. Date-Time 3/4/2022 5:04:39 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	2060	7315.88	63.3	51.55	53699	1.0665 ng/ml
7-aminoclonazepam	4.271	31111	335.77	79.5	44.85	116351	10.2322 ng/ml
a-hydroxyalprazolam	5.699	21442	134.42	64.4	412.08	246461	10.9168 ng/ml
alpha-PHP	4.944	33782	362.17	263.7	1742.61	552391	9.9033 ng/ml
alpha-PVP	4.376	125493	1075.60	50.7	409.84	552391	9.8739 ng/ml
Alprazolam	5.782	64969	564.00	112.4	547.81	246461	10.0592 ng/ml
Amphetamine	3.069	239365	269.87	46.9	178.46	306898	10.7103 ng/ml
Benzoylcegonine	3.892	2471	19.69	7.1	10.31	8320	10.3451 ng/ml
Buprenorphine	5.826	2713	132.56	15.6	887.88	100390	0.9672 ng/ml
Bupropion	4.801	130531	268.42	64.2	1726.10	467078	9.9495 ng/ml
Carisoprodol	5.730	77218	355.83	53.3	48.74	340479	10.4911 ng/ml
Citalopram	5.232	97164	324.26	37.3	333.78	442024	9.8761 ng/ml
Clonazepam	5.612	76878	1541.36	34.7	366.45	100964	10.4852 ng/ml
Clonazepam	5.555	49717	2480.57	34.6	1639.49	100964	10.4556 ng/ml
Cocaine	4.277	86448	10728.88	53.2	260.20	738717	10.1237 ng/ml
Codeine	2.593	11237	246.90	109.0	22343.38	56193	10.1481 ng/ml
Cyclobenzaprine	5.635	88462	409.88	8.4	255.22	402524	9.7005 ng/ml
Dextromethorphan	5.282	62636	302530.80	80.0	33132.57	299713	9.9620 ng/ml
Dextrophan	4.139	35489	458.50	212.5	728.34	417206	9.9240 ng/ml
Diazepam	5.960	45385	456.74	91.1	1738.10	216290	10.1857 ng/ml
Dihydrocodeine	2.572	27819	282.86	57.6	1324.61	167051	10.7572 ng/ml
Diphenhydramine	5.303	281270	415.09	30.2	18405.50	1552108	9.8882 ng/ml
Doxylamine	4.549	252203	3522.97	100.3	4273.81	1112994	10.0340 ng/ml
EDDP	5.268	101822	6332.78	41.2	17420.79	587947	9.7656 ng/ml
Etizolam	5.820	27312	51469.06	26.4	12929.64	100964	9.6878 ng/ml
Fentanyl	5.109	8279	311.66	69.6	13395.49	501793	1.0125 ng/ml
Flualprazolam	5.712	28160	1305.83	97.8	2837.67	246461	10.2979 ng/ml
Fluoxetine	5.721	95924	7800.02	8.6	6415.70	360946	9.8350 ng/ml
Hydrocodone	3.039	42073	176.11	33.1	55.39	240278	10.1442 ng/ml
Hydromorphone	1.621	34446	3227.01	75.5	640.04	121281	9.4561 ng/ml
Ketamine	4.065	83283	241.89	37.8	533.08	369701	10.2425 ng/ml
Lamotrigine	4.294	7716	197.74	82.2	302.41	369701	10.2578 ng/ml
Levetiracetam	2.656	43105	718.97	139.6	263.27	1123217	9.9089 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	72446	1311.57	50.3	214.88	100964	10.1667 ng/ml
MDA	3.216	149835	357.97	29.3	145.91	481304	10.3789 ng/ml
MDMA	3.310	83778	1288.93	89.9	769.43	98820	10.1300 ng/ml
Meprobamate	4.911	44626	17809.44	25.5	1567.67	237262	10.3124 ng/ml
Methadone	5.666	152367	428.67	55.2	217.89	683873	10.2022 ng/ml
Methamphetamine	3.238	175470	194.32	38.9	226.88	708545	10.2329 ng/ml
Metoprolol	4.340	22937	30417.22	96.8	948.62	1023719	10.1409 ng/ml
Mirtazapine	4.637	173881	1542.44	47.4	2508.37	552391	9.8370 ng/ml
Mitragynine	5.243	34406	90911.18	35.2	11108.08	683873	9.7150 ng/ml
Morphine	1.253	5497	1052.18	20.0	42.69	9623	9.8327 ng/ml
Norbuprenorphine	5.006	383	1931.20	107.6	459.58	15256	1.0869 ng/ml
Nordiazepam	5.900	47261	252.33	61.8	2445.61	164636	9.7691 ng/ml
Norfentanyl	4.099	19153	362.28	36.2	73.50	895693	0.9620 ng/ml
Norhydrocodone	3.086	6381	71.37	39.0	74.49	65484	9.2705 ng/ml
Noroxycodone	2.930	41384	147.37	48.8	1840.58	130006	10.1249 ng/ml
O-desmethyl-tramadol	3.389	184479	7996.77	5.7	917.86	1076553	9.9672 ng/ml
Oxazepam	5.756	89181	245.48	75.3	133.99	358352	10.0277 ng/ml
Oxycodone	2.854	72291	522.36	30.5	379.81	302369	9.8692 ng/ml
Oxymorphone	1.411	34450	82.87	46.7	794.74	108734	10.1042 ng/ml
Phentermine	3.797	51145	391.26	5.6	111.15	598168	10.3742 ng/ml
Promethazine	5.552	169064	820.84	31.1	663.50	755277	9.8543 ng/ml
Pseudoephedrine	2.603	217640	347.60	17.0	1028.06	1123217	9.7612 ng/ml
Quetiapine	5.562	119208	41339.98	58.9	225.95	173259	10.2362 ng/ml
Sertraline	5.789	30874	321.18	95.7	262.52	140921	9.9320 ng/ml
Temazepam	5.823	142987	485.64	28.6	234.02	717945	10.0030 ng/ml
Tramadol	4.259	204082	1031.85	3.3	90.42	1023719	9.9696 ng/ml
Trazodone	5.149	123279	821.54	76.4	155194.33	508100	10.0762 ng/ml
Venlafaxine	5.057	160880	514.42	35.6	174.61	933781	9.6737 ng/ml
Zolpidem	4.914	187359	3307.86	30.7	36815.27	826779	10.1082 ng/ml

TS

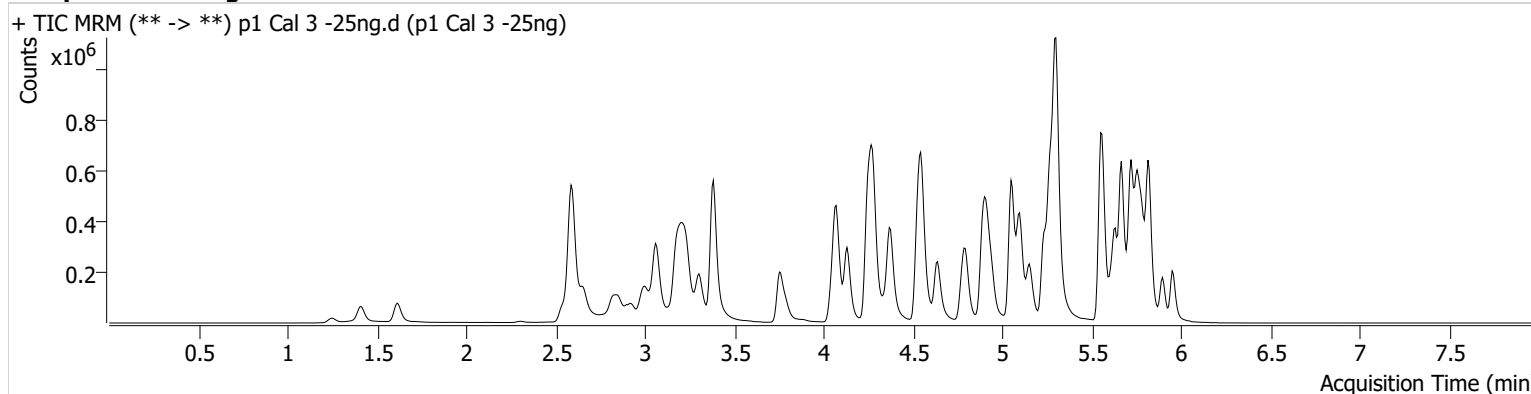


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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	Tamara Salazar
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 5:15:15 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	4396	94.71	71.4	2111.39	50558	2.4056 ng/ml
7-aminoclonazepam	4.271	73833	128.81	75.9	142.03	107688	27.1171 ng/ml
a-hydroxyalprazolam	5.699	46191	334.07	69.3	3487.22	236388	25.3652 ng/ml
alpha-PHP	4.944	82625	6089.73	257.5	4675.24	529346	25.8680 ng/ml
alpha-PVP	4.376	299030	9954.12	51.3	358.70	529346	24.4417 ng/ml
Alprazolam	5.782	150387	1323.63	112.3	841.62	236388	23.7580 ng/ml
Amphetamine	3.063	557997	778.50	47.9	280.94	293808	27.6657 ng/ml
Benzoylecgonine	3.892	5364	25.15	7.4	73.15	7293	25.4015 ng/ml
Buprenorphine	5.826	7066	655.46	15.9	3972.10	101592	2.6428 ng/ml
Bupropion	4.795	306321	387.00	65.3	661.52	438382	24.8833 ng/ml
Carisoprodol	5.730	172683	1073365.80	54.1	158.18	316579	23.6299 ng/ml
Citalopram	5.232	236654	34700.53	36.6	126026.10	424344	24.7790 ng/ml
Clonazepam	5.612	176113	288.85	35.5	489.12	93982	26.8877 ng/ml
Clonazepam	5.555	110966	59503.53	35.4	28637.85	93982	26.4700 ng/ml
Cocaine	4.277	197117	621.80	54.6	6961.15	690341	24.9723 ng/ml
Codeine	2.593	26025	2678.05	104.9	338.37	51969	26.6965 ng/ml
Cyclobenzaprine	5.635	212556	9795.25	7.9	441.33	380920	23.6561 ng/ml
Dextromethorphan	5.282	149454	12227.42	79.2	123218.12	288170	25.1166 ng/ml
Dextrophan	4.132	83019	466.00	215.7	9431.72	394891	24.4359 ng/ml
Diazepam	5.960	107044	2034.93	91.0	3342.83	207272	25.4354 ng/ml
Dihydrocodeine	2.572	63461	216.85	60.2	98.35	159906	26.4070 ng/ml
Diphenhydramine	5.303	669387	1691.88	31.2	684.02	1471798	24.4392 ng/ml
Doxylamine	4.549	596124	77924.10	99.7	4419.11	1064421	24.6379 ng/ml
EDDP	5.268	266411	386.60	41.9	4229.48	608574	24.4265 ng/ml
Etizolam	5.820	65212	3047.03	25.2	1050.94	93982	23.9305 ng/ml
Fentanyl	5.109	19121	495.82	77.8	98513.31	480775	2.4265 ng/ml
Flualprazolam	5.705	65000	2261.04	97.0	5469.83	236388	25.4203 ng/ml
Fluoxetine	5.721	221093	261.42	8.6	2287.09	337793	23.6614 ng/ml
Hydrocodone	3.032	97771	1437.68	32.5	46.03	224936	26.0341 ng/ml
Hydromorphone	1.621	81824	712.63	77.7	340100.09	113539	24.0179 ng/ml
Ketamine	4.065	191297	26795.44	38.2	209.13	349502	25.5344 ng/ml
Lamotrigine	4.294	18928	262.42	81.3	2789.04	349502	27.9244 ng/ml
Levetiracetam	2.656	99936	476.81	140.8	509.09	1050352	24.8326 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	163065	3334.10	51.6	479.34	93982	26.8476 ng/ml
MDA	3.209	348234	2894.94	29.7	587.87	451910	27.0895 ng/ml
MDMA	3.303	192423	3400.27	91.8	1441.89	94486	24.2162 ng/ml
Meprobamate	4.911	103433	4163.07	25.2	232.63	220166	26.9553 ng/ml
Methadone	5.666	373500	362834.02	54.4	9247.92	659480	23.8002 ng/ml
Methamphetamine	3.238	410644	679.77	39.2	248.34	673348	26.4284 ng/ml
Metoprolol	4.340	54126	56857.96	93.7	2746.45	968396	26.1198 ng/ml
Mirtazapine	4.637	409079	21221.94	47.6	758.72	529346	23.6568 ng/ml
Mitragynine	5.243	85291	69063.38	35.8	23678.83	659480	25.5531 ng/ml
Morphine	1.253	13410	578.73	19.4	435.12	9208	25.4625 ng/ml
Norbuprenorphine	5.006	773	669.91	109.8	917.78	14817	2.3537 ng/ml
Nordiazepam	5.900	115139	1155.79	57.9	576.48	152796	25.9608 ng/ml
Norfentanyl	4.099	45282	7379.20	34.9	245.38	848678	2.3630 ng/ml
Norhydrocodone	3.080	14562	63.96	40.4	330.48	57631	22.2159 ng/ml
Noroxycodone	2.930	96384	318.86	49.0	918.00	125113	25.2677 ng/ml
O-desmethyl-tramadol	3.383	433439	759.09	5.6	171.60	1025222	24.3570 ng/ml
Oxazepam	5.756	208500	922.93	71.6	293.91	336180	25.6216 ng/ml
Oxycodone	2.848	176726	2189.57	29.4	927.16	288440	25.5546 ng/ml
Oxymorphone	1.411	82449	461.64	45.2	1086.99	102121	26.5452 ng/ml
Phentermine	3.790	119980	295.78	5.7	144.12	569756	26.4611 ng/ml
Promethazine	5.552	405791	10130.89	30.2	245.51	732343	24.0133 ng/ml
Pseudoephedrine	2.596	520728	10188.04	16.8	3893.13	1050352	24.3183 ng/ml
Quetiapine	5.562	277643	8260.04	59.0	5962.31	164393	26.4510 ng/ml
Sertraline	5.789	71590	425.82	94.7	250785.70	125615	24.8267 ng/ml
Temazepam	5.823	335319	24887.28	28.0	237.81	669967	25.1369 ng/ml
Tramadol	4.259	470211	2107.18	3.2	239.18	968396	24.9361 ng/ml
Trazodone	5.149	294251	499526.10	76.0	948.23	484782	25.5673 ng/ml
Venlafaxine	5.050	393007	607.99	34.3	1203.03	897746	24.0835 ng/ml
Zolpidem	4.914	431670	1581.19	31.3	1251.59	777585	25.2454 ng/ml

TS

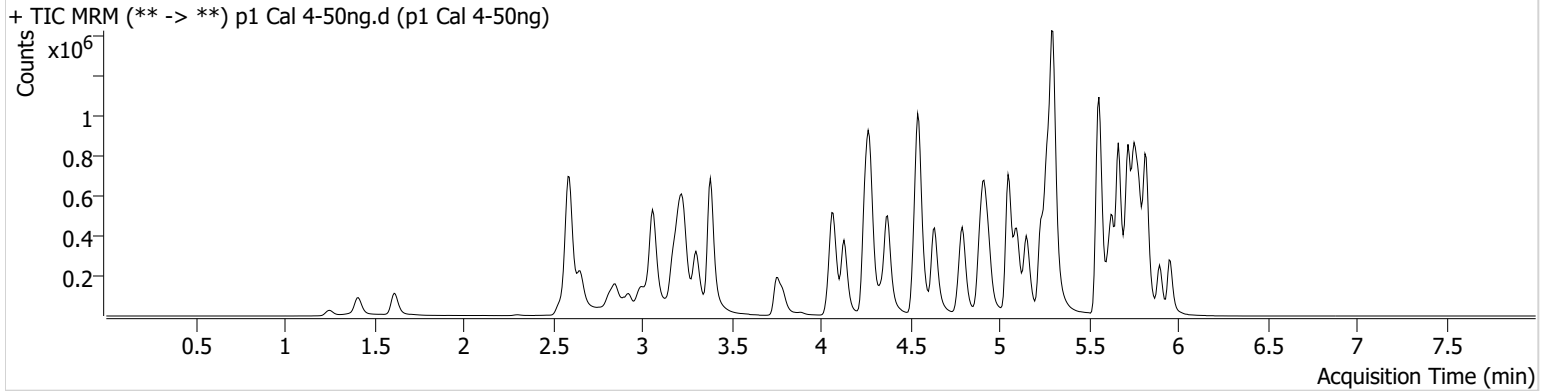


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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	Tamara Salazar
Sample Position	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 5:25:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	8360	337.83	75.1	943.86	48106	4.7992 ng/ml
7-aminoclonazepam	4.271	136895	5682.73	79.1	146.65	104195	52.4798 ng/ml
a-hydroxyalprazolam	5.699	86884	715.00	68.7	836.73	215842	52.9725 ng/ml
alpha-PHP	4.944	148116	2983.34	256.2	23202.20	479953	51.5163 ng/ml
alpha-PVP	4.376	541478	587.30	52.1	502.99	479953	48.7392 ng/ml
Alprazolam	5.782	279538	1358.79	111.6	25586.57	215842	47.9849 ng/ml
Amphetamine	3.063	1018456	457.14	47.3	345.33	278452	54.3032 ng/ml
Benzoylecgonine	3.892	10310	99.07	8.5	84.54	7532	47.1439 ng/ml
Buprenorphine	5.826	12301	390.27	15.1	5311.83	91496	5.1993 ng/ml
Bupropion	4.795	572164	80049.84	63.7	409.48	406932	50.0745 ng/ml
Carisoprodol	5.730	309087	182223.49	55.3	1890.89	281301	46.4425 ng/ml
Citalopram	5.232	432973	702.38	37.9	468.24	391579	48.9507 ng/ml
Clonazepam	5.612	325343	1977.77	35.2	267.02	87991	53.7744 ng/ml
Clonazepam	5.555	200590	204725.41	36.2	93811.25	87991	52.0392 ng/ml
Cocaine	4.277	360890	764.32	54.1	1030.99	640315	49.4752 ng/ml
Codeine	2.593	49170	4348.62	100.8	349895.86	47764	55.7799 ng/ml
Cyclobenzaprine	5.635	391768	24178.21	8.0	237.87	352341	46.5095 ng/ml
Dextromethorphan	5.282	275026	270.72	80.2	149.47	272967	49.0448 ng/ml
Dextrophan	4.132	158116	2119.80	212.5	8133.84	369272	49.7046 ng/ml
Diazepam	5.960	199099	1858.37	91.9	762.05	195316	50.4496 ng/ml
Dihydrocodeine	2.572	120956	9125.03	58.7	239.10	147338	55.2201 ng/ml
Diphenhydramine	5.303	1235340	65660.09	31.7	6903.85	1373830	48.0737 ng/ml
Doxylamine	4.549	1106802	105129.82	100.3	1087.38	988040	49.1708 ng/ml
EDDP	5.268	467215	19939.41	41.5	1127.47	533239	48.7202 ng/ml
Etizolam	5.820	120723	10665.37	25.8	57765.60	87991	46.7435 ng/ml
Fentanyl	5.109	35376	269.06	76.3	74626.01	454443	4.7396 ng/ml
Flualprazolam	5.705	118523	4157.90	96.6	34032.65	215842	51.2160 ng/ml
Fluoxetine	5.721	402442	13506.93	8.8	201.80	302957	47.6272 ng/ml
Hydrocodone	3.032	183943	879.11	33.0	96.71	205216	54.2973 ng/ml
Hydromorphone	1.621	157604	1457.59	75.2	9578.68	105254	49.9196 ng/ml
Ketamine	4.065	352617	12724.64	39.0	1858.88	328415	50.5256 ng/ml
Lamotrigine	4.294	33668	2131.45	82.8	927.43	328415	53.5920 ng/ml
Levetiracetam	2.656	183580	3454.78	140.4	652.03	981324	48.9988 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	289899	3092.08	52.4	656.54	87991	52.4145 ng/ml
MDA	3.209	640976	1010.87	29.8	505.31	423276	54.1503 ng/ml
MDMA	3.303	363713	6692.89	91.1	812.07	88176	48.9622 ng/ml
Meprobamate	4.911	184828	1146.72	25.0	546.87	205095	52.4414 ng/ml
Methadone	5.666	705482	1457.98	53.6	833.07	610711	47.1059 ng/ml
Methamphetamine	3.238	757902	2024.15	39.7	2510.52	632752	52.7170 ng/ml
Metoprolol	4.340	100520	16280.64	94.4	3782.04	895547	53.0088 ng/ml
Mirtazapine	4.637	771332	8650.45	47.1	884.24	479953	48.8300 ng/ml
Mitragynine	5.243	154814	611.43	35.2	747.40	610711	50.4403 ng/ml
Morphine	1.253	24369	6539.25	19.9	354.08	8103	52.8517 ng/ml
Norbuprenorphine	5.006	1587	868.16	102.3	7209.77	13549	5.3916 ng/ml
Nordiazepam	5.900	210674	1069.55	59.2	3460.12	145042	50.2220 ng/ml
Norfentanyl	4.093	84766	1580.18	35.3	118.65	790948	4.7213 ng/ml
Norhydrocodone	3.080	26499	114.61	37.9	191.78	50960	44.5095 ng/ml
Noroxycodone	2.923	179186	2285.72	47.8	2908.79	116878	50.8179 ng/ml
O-desmethyl-tramadol	3.383	802835	26641.90	5.7	∞	963567	47.8473 ng/ml
Oxazepam	5.756	373510	13910.04	74.6	275.01	303758	51.2135 ng/ml
Oxycodone	2.848	322966	562.33	30.0	1875.80	267352	50.5481 ng/ml
Oxymorphone	1.411	146732	366.36	48.2	221.30	99071	49.1252 ng/ml
Phentermine	3.790	223803	∞	5.7	116.82	538501	52.8298 ng/ml
Promethazine	5.552	759027	1121.88	30.3	1077.63	677699	48.2752 ng/ml
Pseudoephedrine	2.596	967992	25746.54	17.0	4359.31	981324	47.9686 ng/ml
Quetiapine	5.562	521504	18571.54	58.3	294.63	153227	54.2285 ng/ml
Sertraline	5.789	129581	184.55	94.1	846.62	115984	48.0636 ng/ml
Temazepam	5.823	609073	6787.06	27.2	286.07	614396	49.7876 ng/ml
Tramadol	4.259	865959	35841.74	3.2	307.07	895547	50.1102 ng/ml
Trazodone	5.149	548469	34688.52	76.9	1167.17	460809	50.3657 ng/ml
Venlafaxine	5.050	728135	13058.30	34.7	1359.43	830740	47.8963 ng/ml
Zolpidem	4.914	815725	67531.17	30.4	1415.16	714417	52.2766 ng/ml

TS

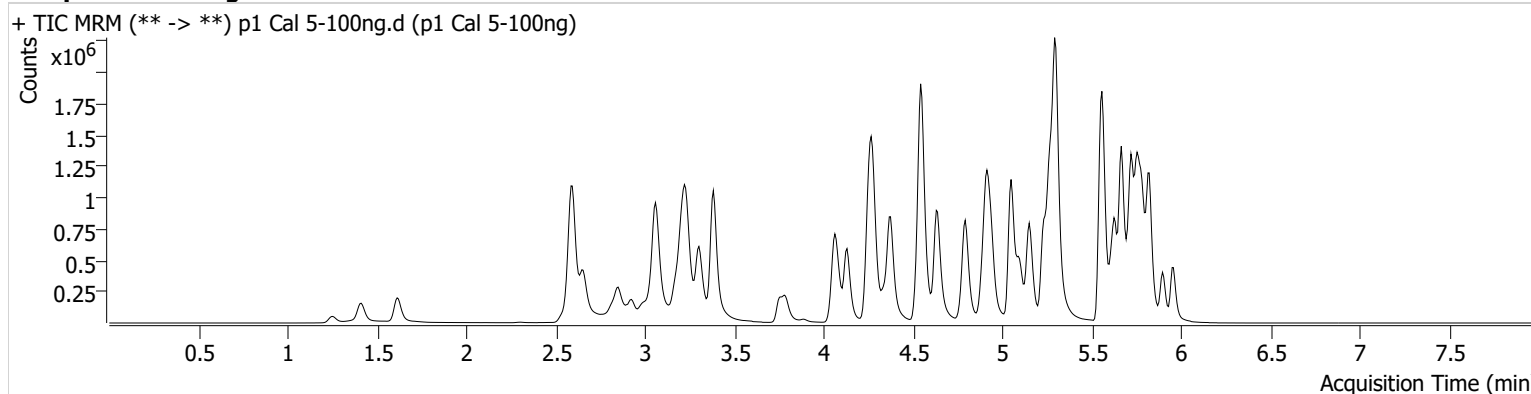


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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	Tamara Salazar
Sample Position	P6-E1	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 5:36:28 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	17159	444.24	72.8	316.46	49406	9.5821 ng/ml
7-aminoclonazepam	4.265	249160	499.73	79.2	3346.19	97427	102.6855 ng/ml
a-hydroxyalprazolam	5.699	157772	1464.44	67.4	305.23	203271	102.7710 ng/ml
alpha-PHP	4.944	304464	3854.25	259.7	81171.33	501046	101.8069 ng/ml
alpha-PVP	4.376	1128970	133135.39	51.4	868.34	501046	97.2679 ng/ml
Alprazolam	5.775	546138	5357.26	109.3	23286.93	203271	99.1525 ng/ml
Amphetamine	3.063	1937789	1165.59	47.5	500.43	278435	104.3254 ng/ml
Benzoylcegonine	3.886	21657	510.31	7.6	15.62	7392	100.7402 ng/ml
Buprenorphine	5.826	25126	8784.59	15.1	4776.05	95277	10.2929 ng/ml
Bupropion	4.795	1187813	51111.35	63.9	901.13	426352	99.2235 ng/ml
Carisoprodol	5.730	569247	24955.55	55.6	3438.94	255703	92.9258 ng/ml
Citalopram	5.232	866006	47197.05	37.9	19787.22	384311	99.5721 ng/ml
Clonazepam	5.612	604881	31908.72	35.8	495.38	83129	106.5432 ng/ml
Clonazepam	5.555	366529	48709.19	36.4	244264.51	83129	101.5858 ng/ml
Cocaine	4.271	741813	79836.20	54.8	18512.07	649599	100.4365 ng/ml
Codeine	2.593	93289	15019.93	106.5	228.09	48797	104.3197 ng/ml
Cyclobenzaprine	5.635	805240	22299.34	7.9	192.19	355060	94.2053 ng/ml
Dextromethorphan	5.275	555554	11759.31	79.3	19871.04	273042	99.3149 ng/ml
Dextrophan	4.132	318816	937.81	213.8	1602.31	379055	97.5747 ng/ml
Diazepam	5.960	386319	9819.37	90.6	5565.53	189388	101.2039 ng/ml
Dihydrocodeine	2.572	240454	115.16	61.7	5441.73	152792	106.3675 ng/ml
Diphenhydramine	5.303	2525163	72804.84	31.0	12407.08	1384485	97.2542 ng/ml
Doxylamine	4.543	2331470	134899.90	99.7	13637.11	1041078	98.1915 ng/ml
EDDP	5.268	941239	31885.78	41.5	733.49	535434	97.5779 ng/ml
Etizolam	5.820	227360	55243.92	26.4	5133.80	83129	92.5980 ng/ml
Fentanyl	5.109	75371	1886.70	73.9	94965.88	468635	9.7812 ng/ml
Flualprazolam	5.705	226171	12716.65	98.7	67517.01	203271	104.2417 ng/ml
Fluoxetine	5.721	813746	51604.62	8.6	88632.96	297649	97.6149 ng/ml
Hydrocodone	3.032	363927	127.05	33.2	123.25	216939	102.1222 ng/ml
Hydromorphone	1.615	328263	28.68	73.4	2611.88	105008	104.2346 ng/ml
Ketamine	4.059	729831	49432.90	38.8	1042.83	341048	101.1520 ng/ml
Lamotrigine	4.294	67825	4894.64	85.8	8153.05	341048	104.7351 ng/ml
Levetiracetam	2.656	374184	6796.96	141.4	507.03	993214	98.8589 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	495245	8683.76	51.4	1115.01	83129	96.0690 ng/ml
MDA	3.209	1205268	3637.64	28.9	1222.23	405487	107.2022 ng/ml
MDMA	3.303	740165	15002.23	91.5	1399.80	89438	98.1495 ng/ml
Meprobamate	4.911	349397	393.55	25.8	6524.94	206806	99.0144 ng/ml
Methadone	5.666	1401353	23110.94	54.7	12848.84	622621	90.4679 ng/ml
Methamphetamine	3.238	1562241	9575.87	38.7	935.62	664087	104.3467 ng/ml
Metoprolol	4.340	203920	530523.22	94.0	6943.86	942115	102.7322 ng/ml
Mirtazapine	4.631	1582660	1572.21	47.3	1650.79	501046	95.6465 ng/ml
Mitragynine	5.237	317691	1457.02	35.8	3893.33	622621	101.9012 ng/ml
Morphine	1.253	50551	617.87	19.3	305.36	9061	98.2630 ng/ml
Norbuprenorphine	5.006	3071	6378.95	104.3	4026.54	14688	9.6919 ng/ml
Nordiazepam	5.900	399858	2737.01	58.7	2573.30	136202	101.7069 ng/ml
Norfentanyl	4.093	171986	8972.55	36.1	232.80	780779	9.6776 ng/ml
Norhydrocodone	3.080	51357	65.88	38.7	70.79	47076	92.1216 ng/ml
Noroxycodone	2.923	338825	2222.57	48.9	6154.12	111632	101.1358 ng/ml
O-desmethyl-tramadol	3.383	1667023	21910.54	5.7	327.05	984263	97.0976 ng/ml
Oxazepam	5.756	669611	4220.23	74.1	3694.84	273324	102.4565 ng/ml
Oxycodone	2.848	666022	3513.55	29.9	2815.24	274787	101.5892 ng/ml
Oxymorphone	1.411	299029	∞	47.0	586.35	97382	102.4023 ng/ml
Phentermine	3.790	442710	∞	5.8	943.83	546642	103.5383 ng/ml
Promethazine	5.552	1539650	2962.16	30.4	8103.04	686158	96.4583 ng/ml
Pseudoephedrine	2.596	1960450	33842.12	16.6	23225.99	993214	95.5648 ng/ml
Quetiapine	5.562	1035383	66812.17	59.7	17071.90	158081	105.1996 ng/ml
Sertraline	5.789	274048	1843.81	94.2	19093.90	118650	98.6914 ng/ml
Temazepam	5.823	1128627	1201.62	27.2	334.79	573340	98.8634 ng/ml
Tramadol	4.259	1792033	122020.33	3.2	184.18	942115	99.0136 ng/ml
Trazodone	5.149	1126377	2549.34	77.9	82355.47	479361	99.6650 ng/ml
Venlafaxine	5.050	1520982	907.95	34.5	4291.78	847864	97.6914 ng/ml
Zolpidem	4.914	1674074	1598.84	30.2	3732.43	753813	101.9928 ng/ml

TS

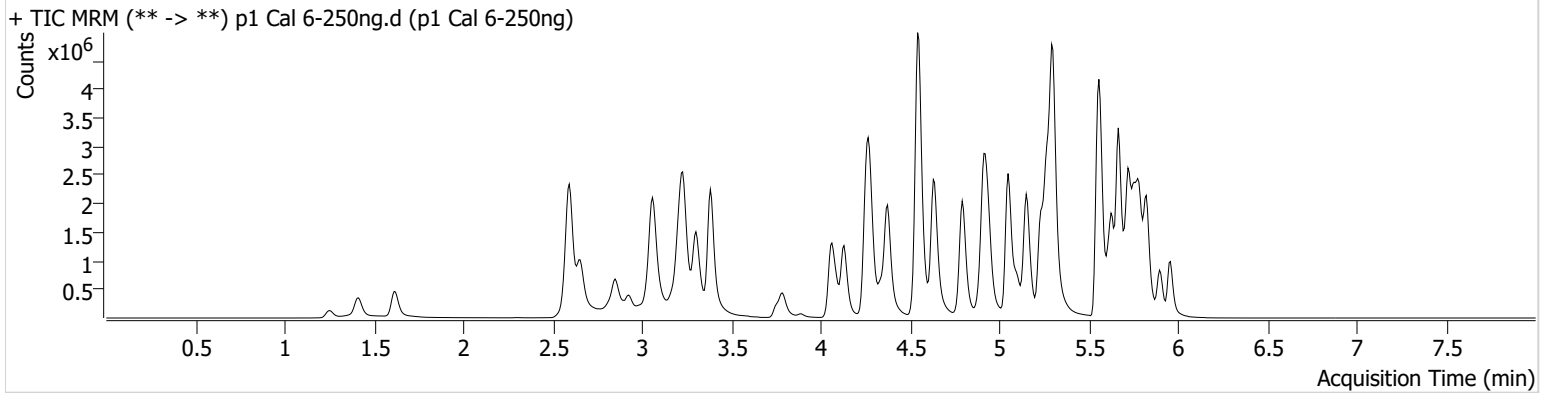


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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	Tamara Salazar
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 5:47:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	47327	1280.52	71.3	104674.91	52753	24.7377 ng/ml
7-aminoclonazepam	4.265	615414	761.09	78.7	791.67	101017	245.3941 ng/ml
a-hydroxyalprazolam	5.699	317220	567.49	67.1	491.87	196068	214.9602 ng/ml
alpha-PHP	4.944	777925	3476.34	263.2	105714.12	520311	251.0482 ng/ml
alpha-PVP	4.376	3024440	123315.48	51.6	16174.79	520311	250.8092 ng/ml
Alprazolam	5.775	1373473	3210.62	107.6	3845.68	196068	257.9262 ng/ml
Amphetamine	3.063	4597675	782.84	47.6	726.69	290629	238.5475 ng/ml
Benzoylecgonine	3.886	61514	196.87	8.2	3592.69	8816	239.7109 ng/ml
Buprenorphine	5.826	67769	2372.68	14.5	12173.90	107616	24.7139 ng/ml
Bupropion	4.795	3222434	132276.59	63.4	33757.49	457494	250.8678 ng/ml
Carisoprodol	5.730	1197736	11862.52	54.1	1580.75	204922	242.1199 ng/ml
Citalopram	5.232	2264282	49058.56	37.7	28868.34	395787	252.5176 ng/ml
Clonazepam	5.612	1356750	∞	34.1	18970.06	78576	253.8431 ng/ml
Clonazepam	5.555	742916	156736.68	37.9	101396.42	78576	218.9816 ng/ml
Cocaine	4.277	1882478	150135.32	54.8	62351.28	668362	247.9953 ng/ml
Codeine	2.593	228730	2820.03	101.7	11887.96	49656	252.5527 ng/ml
Cyclobenzaprine	5.635	2170317	109543.71	7.5	40509.38	357329	251.2316 ng/ml
Dextromethorphan	5.275	1390986	75572.73	78.7	75090.37	271598	250.3881 ng/ml
Dextrophan	4.132	833614	1668.76	217.4	41784.33	390982	247.2530 ng/ml
Diazepam	5.960	991385	31963.18	92.5	11758.98	196678	250.4557 ng/ml
Dihydrocodeine	2.565	623661	628.27	60.6	174.71	167995	251.6739 ng/ml
Diphenhydramine	5.303	6639223	12715.84	30.9	162235.11	1388173	254.6181 ng/ml
Doxylamine	4.543	6617922	135091.65	98.2	5915.78	1105776	262.2272 ng/ml
EDDP	5.268	2440045	69903.60	41.4	1859.79	533773	253.4749 ng/ml
Etizolam	5.820	569999	2009.38	26.4	4632.66	78576	244.6283 ng/ml
Fentanyl	5.109	216936	246.03	75.0	568829.69	525720	25.0799 ng/ml
Flualprazolam	5.705	531437	25104.60	103.8	97193.53	196068	254.5856 ng/ml
Fluoxetine	5.721	1995024	126551.16	8.7	337.84	287663	247.0364 ng/ml
Hydrocodone	3.032	912155	264.69	34.9	325.52	225971	246.5385 ng/ml
Hydromorphone	1.621	852038	2218126.50	75.8	2867225.82	114130	248.9501 ng/ml
Ketamine	4.059	1955363	40873.06	37.9	∞	366607	252.7892 ng/ml
Lamotrigine	4.294	166243	2596.89	84.5	16545.61	366607	239.8620 ng/ml
Levetiracetam	2.656	947830	7387.61	141.6	42519.31	995370	250.1471 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	801401	24749.49	51.7	990.65	78576	165.6030 ng/ml
MDA	3.209	2648310	3141.21	28.7	987.07	371780	258.2334 ng/ml
MDMA	3.303	1941988	153663.47	91.6	1709.09	89206	258.0504 ng/ml
Meprobamate	4.911	734745	29382.21	25.1	10736.68	195505	221.2321 ng/ml
Methadone	5.666	4001768	53651.31	51.8	76482.07	648360	245.6774 ng/ml
Methamphetamine	3.231	4190984	20260.89	38.2	27974.57	729469	256.0502 ng/ml
Metoprolol	4.340	516027	2769011.68	96.7	7236.11	938769	261.7416 ng/ml
Mirtazapine	4.631	4330334	7088.24	46.4	103387.01	520311	251.4551 ng/ml
Mitragynine	5.237	832876	139661.83	35.7	693011.73	648360	257.1041 ng/ml
Morphine	1.253	134006	54016.92	19.9	317.04	9181	257.4849 ng/ml
Norbuprenorphine	5.006	8659	38679.15	99.0	17992.80	16438	24.5555 ng/ml
Nordiazepam	5.900	968329	8974.26	59.4	1504.87	133923	250.7783 ng/ml
Norfentanyl	4.093	464565	101026.73	36.5	119.77	787296	25.8828 ng/ml
Norhydrocodone	3.080	130945	199.23	39.4	1650.35	43090	254.5640 ng/ml
Noroxycodone	2.923	781881	995.07	49.2	3240.79	103398	252.7708 ng/ml
O-desmethyl-tramadol	3.383	4555218	148250.88	5.6	24063.16	1043211	250.0799 ng/ml
Oxazepam	5.756	1239491	15009.55	73.9	4493.57	201163	258.3257 ng/ml
Oxycodone	2.848	1794159	834.76	29.5	68529.95	294368	255.7157 ng/ml
Oxymorphone	1.411	780830	∞	45.9	581.21	99763	261.8103 ng/ml
Phentermine	3.790	1111817	∞	5.5	914.13	579692	246.0519 ng/ml
Promethazine	5.552	4314707	59557.31	29.8	838.43	724446	255.6015 ng/ml
Pseudoephedrine	2.596	5125818	98102.42	16.6	31084.87	995370	248.6458 ng/ml
Quetiapine	5.562	2556509	144615.51	60.5	79250.34	163172	252.9171 ng/ml
Sertraline	5.789	694103	8745.14	91.7	147325.36	120913	244.3496 ng/ml
Temazepam	5.823	2421695	857.25	27.2	1169.03	478184	254.3426 ng/ml
Tramadol	4.259	4660610	∞	3.2	4621.66	938769	259.1590 ng/ml
Trazodone	5.149	3196826	2263.93	77.5	239442.89	533070	254.7364 ng/ml
Venlafaxine	5.050	4165728	245380.09	33.7	730.02	902241	250.9286 ng/ml
Zolpidem	4.914	4529733	278918.35	28.8	2400.90	805818	258.6735 ng/ml

TS

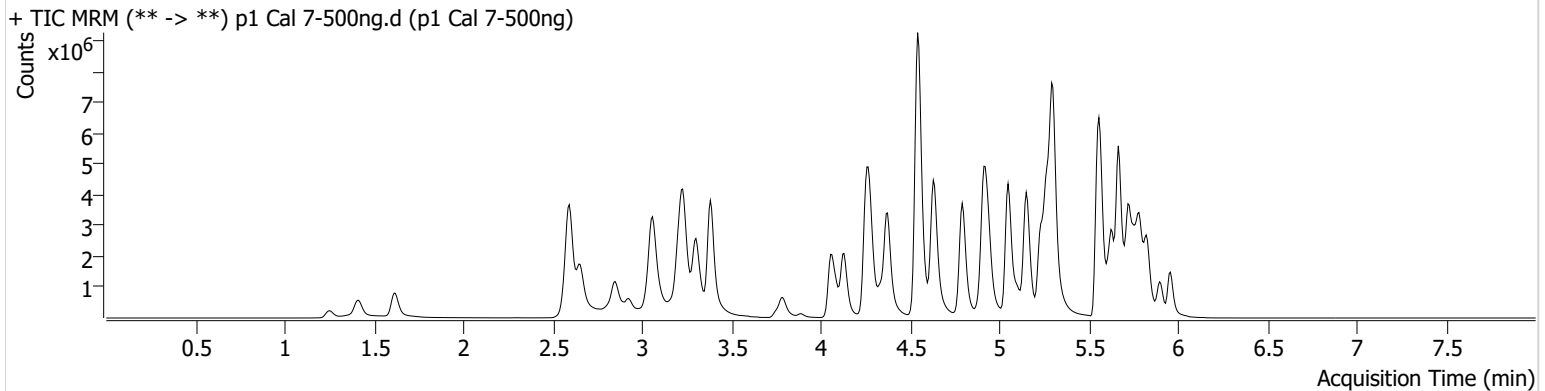


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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	Tamara Salazar
Sample Position	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	3/4/2022 5:57:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	92091	2069.25	69.8	142649.41	48957	51.8589 ng/ml
7-aminoclonazepam	4.265	797803	9351.77	81.9	394.70	74185	433.6115 ng/ml
a-hydroxyalprazolam	5.699	409471	∞	66.6	645.04	156042	349.0695 ng/ml
alpha-PHP	4.944	1383701	20239.68	264.8	129821.39	474086	490.4437 ng/ml
alpha-PVP	4.376	5627369	3276.77	51.8	3733.41	474086	512.0874 ng/ml
Alprazolam	5.782	2176532	1846.52	108.3	1114.96	156042	513.2148 ng/ml
Amphetamine	3.063	7437084	331.76	46.9	515.74	279643	401.7801 ng/ml
Benzoylcegonine	3.886	128196	33888.33	7.8	491.47	8658	508.4912 ng/ml
Buprenorphine	5.826	118080	1546.42	14.4	73151.98	96429	48.1492 ng/ml
Bupropion	4.795	6121950	757638.83	62.3	1768.06	428188	509.2192 ng/ml
Carisoprodol	5.730	1633049	6306.87	55.2	1863.07	136321	495.0465 ng/ml
Citalopram	5.232	3879289	116759.15	37.2	50686.98	336996	507.9172 ng/ml
Clonazepam	5.612	1918855	32751.98	34.9	30909.26	60517	466.7611 ng/ml
Clonazepam	5.555	963722	92532.08	37.9	537291.31	60517	369.5181 ng/ml
Cocaine	4.271	3323729	113941.78	54.2	45949.18	586584	499.0988 ng/ml
Codeine	2.593	366987	9624.88	101.7	11895.03	43788	460.2043 ng/ml
Cyclobenzaprine	5.635	3850011	91528.78	7.3	6042.26	298124	533.4625 ng/ml
Dextromethorphan	5.275	2283541	76599.22	78.3	206227.13	222496	502.0360 ng/ml
Dextropran	4.132	1528193	27199.92	216.9	2062.58	352752	502.3264 ng/ml
Diazepam	5.960	1623985	10075.02	91.4	18949.09	163600	493.4673 ng/ml
Dihydrocodeine	2.565	1106426	10997.26	63.0	181.23	163169	460.1560 ng/ml
Diphenhydramine	5.303	11741140	80179.23	30.7	200754.87	1196282	522.2437 ng/ml
Doxylamine	4.543	12744944	4786.00	97.6	9353.63	1063523	524.9564 ng/ml
EDDP	5.268	4390851	96600.90	40.6	385.47	477103	510.1341 ng/ml
Etizolam	5.820	953291	14181.74	26.0	2276.60	60517	530.5235 ng/ml
Fentanyl	5.109	423918	842.72	73.3	17308.32	503245	51.1872 ng/ml
Flualprazolam	5.705	821830	19422.28	104.4	60107.31	156042	495.1140 ng/ml
Fluoxetine	5.727	3229210	39595.05	8.3	1185.01	218240	526.6241 ng/ml
Hydrocodone	3.032	1649560	481.98	35.1	214.59	209595	481.2276 ng/ml
Hydromorphone	1.615	1609620	7616142.11	75.1	8484446.60	106249	505.2031 ng/ml
Ketamine	4.059	3613411	213547.89	37.7	23925.54	345209	496.5349 ng/ml
Lamotrigine	4.294	267798	18683.40	85.6	1598.80	345209	410.9243 ng/ml
Levetiracetam	2.656	1658872	28166.83	143.0	1953.04	844169	516.4092 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	864443	16890.33	51.0	1313.11	60517	232.5735 ng/ml
MDA	3.203	4071096	1474.23	28.3	1608.21	321735	459.4512 ng/ml
MDMA	3.303	3492776	1185.85	92.3	6360.31	82512	501.6929 ng/ml
Meprobamate	4.904	1039471	41680.30	25.2	131.89	172501	355.2076 ng/ml
Methadone	5.666	7285295	1818.79	51.3	73638.81	568851	508.2865 ng/ml
Methamphetamine	3.231	7602607	1672.26	38.4	29995.64	708701	478.8253 ng/ml
Metoprolol	4.340	886574	5305.99	95.9	93405.94	867154	487.3039 ng/ml
Mirtazapine	4.631	8156669	130898.27	45.9	117935.62	474086	519.4637 ng/ml
Mitragynine	5.237	1416044	1819.68	35.8	49124.97	568851	498.5674 ng/ml
Morphine	1.253	258434	403.06	19.4	2800.47	9175	497.1273 ng/ml
Norbuprenorphine	5.006	16439	39301.95	95.4	5456.87	15785	48.6327 ng/ml
Nordiazepam	5.900	1480826	∞	58.2	11966.23	102044	503.5084 ng/ml
Norfentanyl	4.093	869052	519.30	36.1	108.58	686402	55.5069 ng/ml
Norhydrocodone	3.080	246714	226.37	39.7	∞	37805	545.3631 ng/ml
Noroxycodone	2.923	1260622	1836.64	49.6	24687.59	87723	480.8484 ng/ml
O-desmethyl-tramadol	3.383	8715252	∞	5.6	1921.94	966639	516.1962 ng/ml
Oxazepam	5.756	1394987	17759.05	72.5	10265.26	121085	483.3730 ng/ml
Oxycodone	2.848	3355953	1852.72	29.8	3559.37	286365	491.8361 ng/ml
Oxymorphone	1.411	1427574	773.71	48.4	503.38	98816	483.6820 ng/ml
Phentermine	3.790	1855632	∞	5.6	2283.15	551595	432.0506 ng/ml
Promethazine	5.552	7730957	2938.54	29.1	1875.35	636427	521.0507 ng/ml
Pseudoephedrine	2.596	9095854	176454.13	16.4	33994.64	844169	519.7953 ng/ml
Quetiapine	5.562	4268498	73129.76	61.6	184445.00	145805	473.3731 ng/ml
Sertraline	5.796	1133256	1387.28	92.9	1397.08	96193	500.8063 ng/ml
Temazepam	5.830	3274661	3288.58	26.6	1777.30	326496	503.7124 ng/ml
Tramadol	4.252	8453398	128361.61	3.2	717.10	867154	509.3211 ng/ml
Trazodone	5.149	6128329	1424.85	77.0	1384.38	514276	506.4131 ng/ml
Venlafaxine	5.050	7939562	46746.88	32.7	3777.31	822778	524.0885 ng/ml
Zolpidem	4.914	8206480	193127.35	28.1	7473.30	757604	498.7693 ng/ml

TS

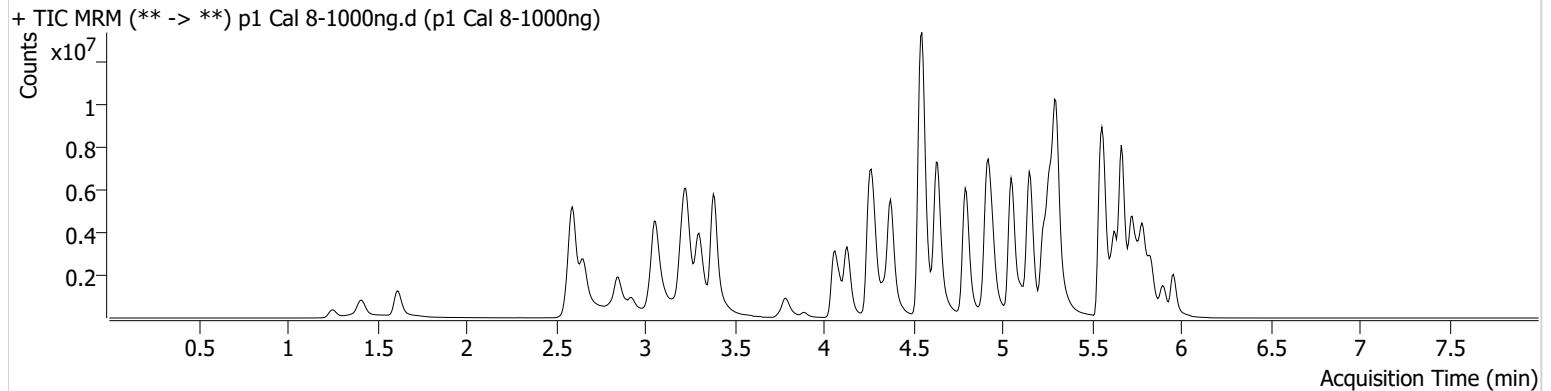


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\030422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2022 9:32:21 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** Tamara Salazar
Sample Position P6-H1 **Comment**
Injection Volume 2
Acq. Date-Time 3/4/2022 6:08:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	163669	1466.99	70.7	839.27	43113	104.6504 ng/ml
7-aminoclonazepam	4.271	980782	190.71	81.6	2834.60	53314	742.1467 ng/ml
a-hydroxyalprazolam	5.692	437681	1006.28	69.7	913.99	111962	520.3486 ng/ml
alpha-PHP	4.944	2256478	76619.96	263.5	313106.79	400480	947.1454 ng/ml
alpha-PVP	4.376	9710175	2797.10	51.7	1122.36	400480	1045.9474 ng/ml
Alprazolam	5.782	3117071	746.99	107.5	1078.12	111962	1023.9902 ng/ml
Amphetamine	3.063	11023786	221.91	46.2	189.66	225542	739.3291 ng/ml
Benzoylecgonine	3.892	248105	18986.99	7.6	2255.62	8493	1003.0659 ng/ml
Buprenorphine	5.833	198658	168378.93	15.0	42835.86	81907	95.4645 ng/ml
Bupropion	4.795	10690911	246849.72	62.4	270706.14	384389	990.5913 ng/ml
Carisoprodol	5.730	1927108	110249.78	54.2	30580.98	77715	1023.5167 ng/ml
Citalopram	5.232	5854706	139337.75	37.6	171164.23	255540	1010.7296 ng/ml
Clonazepam	5.612	2390898	60664.37	34.3	46199.32	42173	835.1542 ng/ml
Clonazepam	5.562	1057401	77206.64	38.7	611460.80	42173	582.3744 ng/ml
Cocaine	4.277	5309625	203084.07	53.9	74042.10	463286	1009.6913 ng/ml
Codeine	2.593	568411	9737.27	98.6	159.57	36268	861.3263 ng/ml
Cyclobenzaprine	5.635	6003598	88965.19	7.1	364.08	224235	1105.2996 ng/ml
Dextromethorphan	5.275	3266553	49058.09	78.4	78831.89	157250	1016.3992 ng/ml
Dextrophan	4.132	2616791	1143.28	216.4	7400.75	287134	1056.6559 ng/ml
Diazepam	5.960	2480328	271.77	89.6	269.90	127377	968.2424 ng/ml
Dihydrocodeine	2.565	1842893	17944.26	63.2	5500.75	150005	834.1609 ng/ml
Diphenhydramine	5.303	17571613	152127.70	32.2	103975.10	914419	1022.2591 ng/ml
Doxylamine	4.551	20867361	289490.39	98.1	319194.57	967867	944.3731 ng/ml
EDDP	5.268	7439520	288567.72	39.7	∞	395442	1042.6440 ng/ml
Etizolam	5.820	1428460	1748.53	26.2	4419.06	42173	1140.0902 ng/ml
Fentanyl	5.109	803056	62836.14	74.0	83537.83	460934	105.8575 ng/ml
Flualprazolam	5.705	1072251	8887.01	108.6	94393.80	111962	900.6756 ng/ml
Fluoxetine	5.727	4607110	70605.35	8.5	54103.56	152370	1075.7378 ng/ml
Hydrocodone	3.025	2822745	271.12	35.7	250.51	189258	912.4854 ng/ml
Hydromorphone	1.615	2781705	14525131.36	75.2	14012356.0	91509	1013.7260 ng/ml
Ketamine	4.059	6247974	290475.66	36.8	43403.35	313428	946.0288 ng/ml
Lamotrigine	4.294	373031	1286.61	85.6	725.91	313428	630.8768 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	2601969	10199.68	144.6	3111.63	679988	1005.7377 ng/ml
Lorazepam	5.753	881668	83455.78	51.1	5352.44	42173	341.1308 ng/ml
MDA	3.203	5292937	47495.02	27.9	871.58	235111	818.1677 ng/ml
MDMA	3.303	5858748	170383.51	91.7	72937.50	68067	1020.0338 ng/ml
Meprobamate	4.904	1273266	13049.59	25.0	29192.04	139058	540.1521 ng/ml
Methadone	5.666	11715133	94247.32	51.6	87305.24	460366	1008.5944 ng/ml
Methamphetamine	3.231	13025808	52862.18	37.2	1736.61	668811	870.0036 ng/ml
Metoprolol	4.340	1339545	7479.29	97.6	6197.63	746764	855.3938 ng/ml
Mirtazapine	4.637	14192891	19241.99	44.8	123096.15	400480	1069.6545 ng/ml
Mitragynine	5.237	2172022	25999.14	36.3	329898.91	460366	945.2766 ng/ml
Morphine	1.253	421887	2750.43	20.3	131.88	7968	934.7578 ng/ml
Norbuprenorphine	5.006	30132	366.42	93.7	121.71	13991	100.6666 ng/ml
Nordiazepam	5.906	2008628	20657.72	58.8	831.80	73348	950.3419 ng/ml
Norfentanyl	4.093	1537747	413.78	36.5	7257.34	529462	127.2974 ng/ml
Norhydrocodone	3.080	447693	∞	40.4	699.77	31338	1192.4934 ng/ml
Noroxycodone	2.923	1889964	1810.31	46.7	29513.39	64131	986.6658 ng/ml
O-desmethyl-tramadol	3.383	15155907	∞	5.5	170053.14	821237	1056.4380 ng/ml
Oxazepam	5.756	1353860	1560.09	71.3	15297.23	60876	933.4987 ng/ml
Oxycodone	2.848	5896927	915.89	29.9	491.93	258548	957.3723 ng/ml
Oxymorphone	1.411	2292294	∞	46.3	166.50	83110	923.8978 ng/ml
Phentermine	3.790	2935236	∞	5.7	3809.14	499284	755.4847 ng/ml
Promethazine	5.552	12502295	4891.14	29.4	102360.96	515463	1040.1132 ng/ml
Pseudoephedrine	2.596	15214994	103304.42	16.1	42804.08	679988	1078.9618 ng/ml
Quetiapine	5.562	6388356	181626.02	60.6	360.08	120663	856.8206 ng/ml
Sertraline	5.796	1674174	48067.70	94.2	19152.76	70563	1007.9374 ng/ml
Temazepam	5.830	3805298	70079.04	27.0	6015.21	192419	993.1948 ng/ml
Tramadol	4.252	13663849	∞	3.1	1650.26	746764	956.3734 ng/ml
Trazodone	5.149	10526760	174085.79	80.1	227189.04	474458	943.0858 ng/ml
Venlafaxine	5.050	13279176	92633.18	32.6	76443.99	683807	1054.3736 ng/ml
Zolpidem	4.914	13378657	238277.35	27.7	27444.23	688700	894.7384 ng/ml