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REVIEWED
By Sarah Collins at 9:18 am, Nov 04, 2022

Worklist: 6148

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-3940	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3941	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4086	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4205	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4211	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4332	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4347	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3132	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3133	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3138	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3139	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3140	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3175	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3208	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3211	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3217	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3247	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3256	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3257	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3283	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

AD

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

Extraction Date: 10/31/2022

Analyst: Amber Gerheart

Plate lot#: 220802

Plate Retest Date: 02/02/2023

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52015-1

Blank Urine Lot: N/A

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:** In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate.
Pipette ID: 42
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. **Skipped per deviation**
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. 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)
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate**.
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 13. Add **900uL ethyl acetate**.
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. **Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.**
- 18. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

COMMENTS: *Calibration Curve Range:* 7-aminoclonazepam 5-500 ng/mL, amphetamine 5-500 ng/mL, chlordiazepoxide 5-500 ng/mL, clonazolam 5-250 ng/mL, dihydrocodeine 5-500 ng/mL, DMT 5-500 ng/mL, etizolam 5-500 ng/mL, flualprazolam 5-250 ng/mL, meprobamate 5-250 ng/mL, norfentanyl 0.5-50 ng/mL, norhydrocodone 5-500 ng/mL, oxycodone 5-500 ng/mL, tramadol 5-500 ng/mL

7-aminoclonazepam cal 8 dropped due to accuracy
amphetamine cal 8 dropped due to accuracy

ALY

chlordiazepoxide cal 8 dropped due to accuracy
clonazolam cal 7 and 8 dropped due to accuracy
dihydrocodeine cal 8 dropped due to accuracy
DMT cal 8 dropped due to accuracy
etizolam cal 8 dropped due to accuracy
flualprazolam cal 7 and 8 dropped due to accuracy
meprobamate cal 7 and 8 dropped due to accuracy
norfentanyl cal 8 dropped due to accuracy
norhydrocodone cal 8 dropped due to accuracy
oxycodone cal 8 dropped due to accuracy
tramadol cal 8 dropped due to accuracy

mirtazapine not evaluated due to calibrator accuracy

Cal 8, QC 250, and QC 1000 reinjected due to low ISTD response for methamphetamine and phentermine. Reinjections did not improve ISTD response. Methamphetamine and phentermine not evaluated in this analysis. Reinjects not evaluated for this analysis.

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-4086-1	P2022-3139-1	P2022-3257-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2022-4205-2	P2022-3140-1	P2022-3283-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2022-4211-2	P2022-3175-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	M2022-4332-1	P2022-3208-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	M2022-4347-3	P2022-3211-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Negative Blood	P2022-3132-1	P2022-3217-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2022-3940-1	P2022-3133-1	P2022-3247-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2022-3941-1	P2022-3138-1	P2022-3256-1	IS + Sample	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

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**Idaho State Police
Forensic Services**

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



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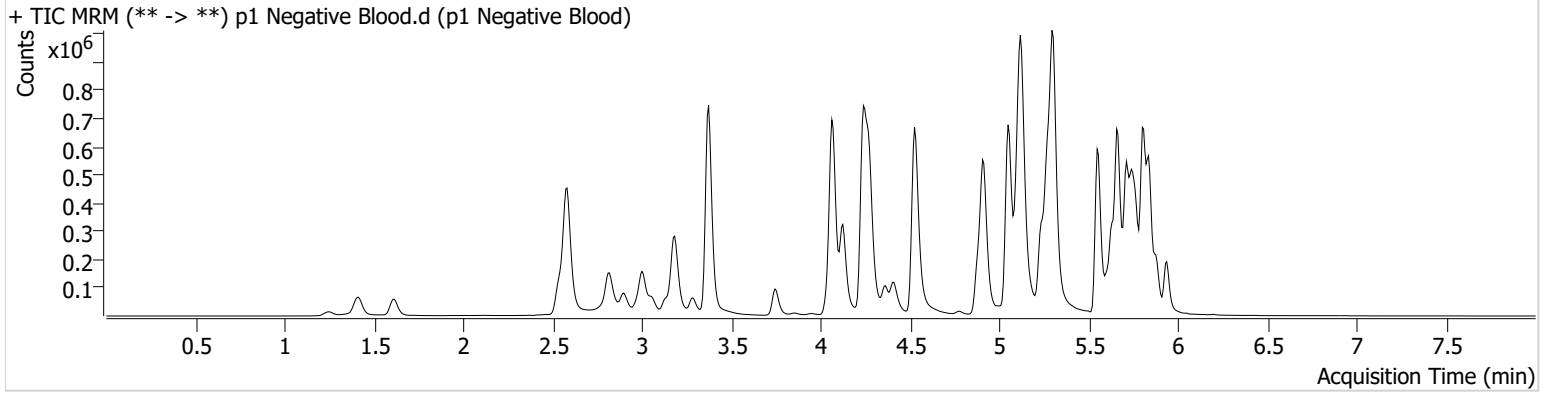


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	11/1/2022 6:17:57 AM		
Sample Info.			

Sample Chromatogram



AD

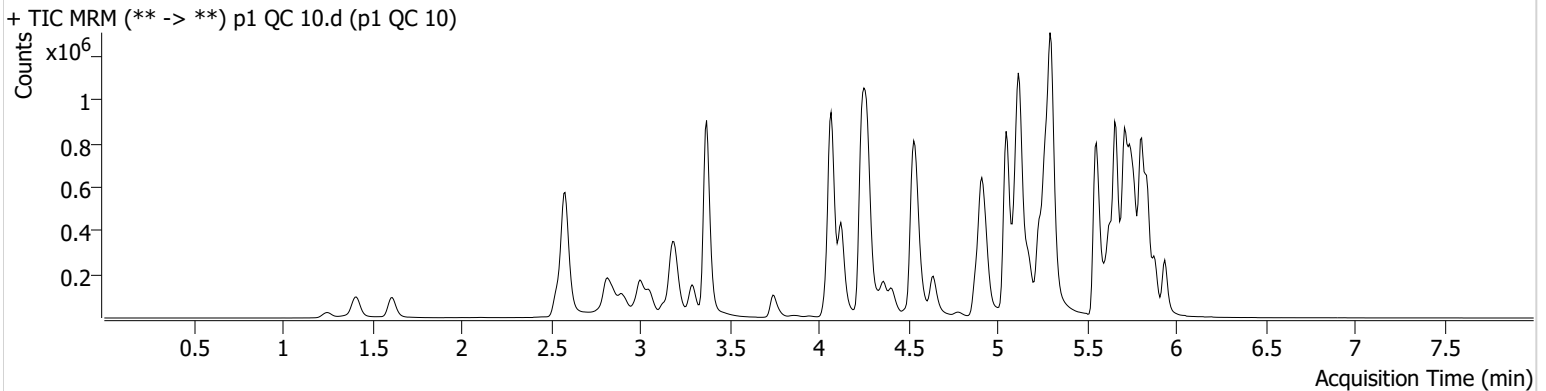


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-A2 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 5:03:31 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	4250	140.61	69.1	1064.23	111067	1.0412 ng/ml
7-aminoclonazepam	4.265	70355	1283.15	76.1	610.58	296845	10.6871 ng/ml
a-hydroxyalprazolam	5.695	35090	299.52	64.7	408.91	1208853	10.4092 ng/ml
alpha-PHP	4.942	26183	507.34	258.4	4221.87	249743	8.8949 ng/ml
alpha-PVP	4.370	52758	697.15	54.0	106.06	249743	9.4297 ng/ml
Alprazolam	5.765	134086	535.68	109.9	2959.60	507332	10.3232 ng/ml
Amphetamine	3.057	74468	429.53	52.9	180.67	131936	10.3523 ng/ml
Benzoylecgonine	3.884	5021	121.02	7.4	27.53	14358	10.5891 ng/ml
Buprenorphine	5.850	4680	215.97	17.6	286.05	169396	0.9575 ng/ml
Bupropion	4.798	9480	112.40	70.3	27.78	36691	9.2339 ng/ml
Carisoprodol	5.720	134484	273082.40	65.3	174.70	544437	9.6186 ng/ml
Chlordiazepoxide	5.841	73378	2415.99	93.3	848.03	770745	10.4251 ng/ml
Chlorpheniramine	5.124	360429	1505.13	0.3	54.36	1507774	10.1559 ng/ml
Citalopram	5.231	189659	493.12	35.7	167.23	723917	10.3890 ng/ml
Clonazepam	5.607	129218	819.86	37.1	271.86	176313	10.6229 ng/ml
Clonazolam	5.551	100917	1335.00	37.6	25623.50	176313	11.2371 ng/ml
Cocaine	4.271	140301	∞	58.6	7091.61	1217018	10.0050 ng/ml
Codeine	2.586	20648	108.25	107.0	304.40	100265	10.3240 ng/ml
Cyclobenzaprine	5.631	146704	7976.41	8.1	106.90	576844	10.0399 ng/ml
Dextromethorphan	5.275	110110	2228.43	87.7	200.70	487249	10.2547 ng/ml
Dextrorphan	4.131	74518	942.44	200.8	8254.23	728621	10.1055 ng/ml
Diazepam	5.944	83213	432.08	87.9	1609.25	355951	10.3592 ng/ml
Dihydrocodeine	2.565	52769	2806.06	67.1	1467.45	304367	10.4149 ng/ml
Diphenhydramine	5.303	454039	23437.16	31.6	6592.74	2078301	10.0821 ng/ml
DMT	2.858	27967	231.13	120.9	2013.44	487249	9.8667 ng/ml
Doxylamine	4.545	438890	2517.33	98.2	2590.70	1928909	10.2031 ng/ml
Duloxetine	5.657	9955	286.64	15.7	143.39	49208	9.9678 ng/ml
EDDP	5.268	187206	230.39	39.6	509.89	889426	10.1346 ng/ml
Etizolam	5.803	58534	2424.19	26.5	29277.38	176313	9.7460 ng/ml
Fentanyl	5.115	18364	128.39	67.6	1381.63	917479	1.0147 ng/ml
Flualprazolam	5.701	67706	3755.22	96.8	5098.17	507332	10.8879 ng/ml
Fluorofentanyl	5.169	43389	139.02	40.6	645.26	8311	0.9312 ng/ml
Fluoxetine	5.710	129616	280.55	7.9	49.24	425718	9.9925 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	84284	161.69	37.5	84.53	429521	10.2125 ng/ml
Hydromorphone	1.622	68984	886.66	77.4	808.73	207353	10.0444 ng/ml
Hydroxyzine	5.714	180661	2415.47	73.5	618.90	487249	9.3766 ng/ml
Ketamine	4.057	64279	472.70	34.3	187.19	254595	10.6430 ng/ml
Lamotrigine	4.287	14041	151.86	87.8	589.11	1338080	9.8611 ng/ml
Lorazepam	5.743	103916	1428.65	47.7	802.43	683841	10.2959 ng/ml
MDA	3.205	220763	1514.37	36.4	162.59	715763	10.5791 ng/ml
MDMA	3.298	122663	1257.63	122.6	1799.03	148500	10.4855 ng/ml
Meprobamate	4.908	107654	2329.46	29.0	249.44	496997	10.6182 ng/ml
Methadone	5.662	314313	3038.18	52.8	1662.94	1249524	9.7650 ng/ml
Methamphetamine	3.226	34273	137.13	38.8	96.19	165536	10.5643 ng/ml
Metoprolol	4.334	48520	1467.97	101.6	1012.83	1656564	10.2167 ng/ml
Mirtazapine	4.641	300923	2974.85	52.0	1058.84	249743	7.9652 ng/ml
Mitragynine	5.243	60681	151039.27	36.1	2685.60	1249524	8.7355 ng/ml
Morphine	1.261	12932	123.55	26.4	553.16	21365	10.5845 ng/ml
Norbuprenorphine	5.004	729	333.03	116.1	∞	29355	0.8357 ng/ml
Nordiazepam	5.884	99760	536.96	56.5	1017.01	291742	10.5397 ng/ml
Norfentanyl	4.091	34741	175.77	39.3	417.95	1372989	0.9748 ng/ml
Norhydrocodone	3.074	16400	197.03	38.5	16.58	118510	9.8806 ng/ml
Noroxycodone	2.917	76699	728.44	48.7	464.36	233187	10.4231 ng/ml
O-desmethyl-tramadol	3.379	371376	1894.46	6.4	∞	1970902	9.9888 ng/ml
o-desmethylvenlafaxine	4.076	562017	6754.35	16.4	829.80	421132	9.9316 ng/ml
Olanzapine	4.489	50052	284.24	60.8	701.21	121739	11.1478 ng/ml
Oxazepam	5.746	155145	256.40	69.2	168.62	683841	10.2584 ng/ml
Oxycodone	2.842	145301	553.75	29.2	897.21	564775	10.0117 ng/ml
Oxymorphone	1.412	80185	∞	47.0	1016.53	248408	10.5080 ng/ml
Phentermine	3.780	26591	213.18	7.7	16.67	282671	10.4133 ng/ml
Promethazine	5.554	253958	4744.43	31.0	280.68	1092871	9.9632 ng/ml
Pseudoephedrine	2.589	276016	6440.42	19.6	5163.04	1338080	9.7557 ng/ml
Quetiapine	5.564	218079	∞	57.4	101762.49	286531	10.7106 ng/ml
Sertraline	5.779	27601	296.45	102.6	255.44	111462	9.9364 ng/ml
Temazepam	5.807	265527	2920.34	26.0	96.44	1208853	10.1357 ng/ml
Tramadol	4.253	341921	200.16	3.6	409.24	1656564	10.2839 ng/ml
Trazodone	5.175	256515	154.89	65.6	6070.12	799777	10.0777 ng/ml
Venlafaxine	5.049	332616	648.09	36.1	205.85	1799523	9.4464 ng/ml
Zolpidem	4.932	361310	10122.73	27.4	1062.20	1326559	10.3673 ng/ml

AD

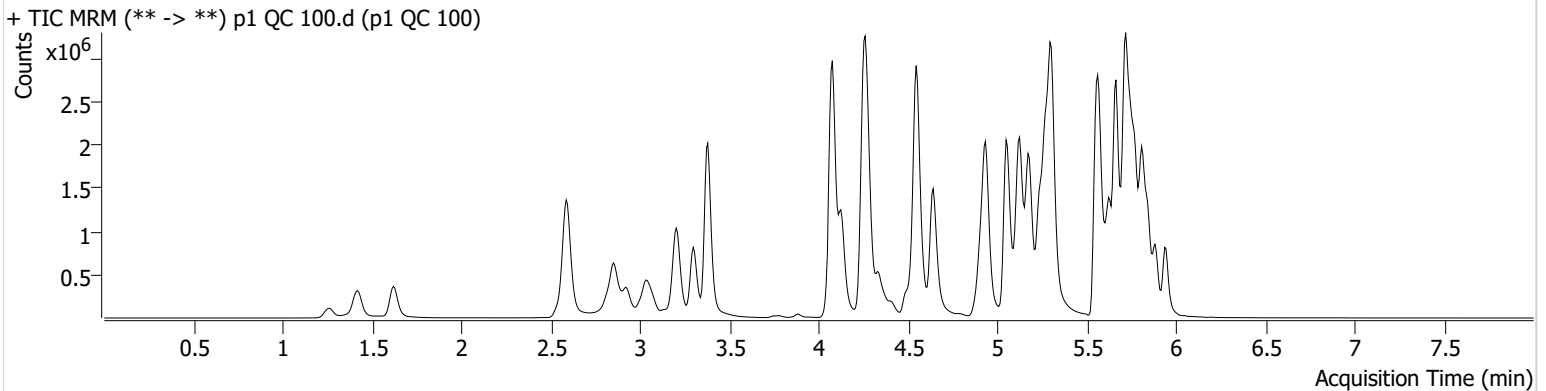


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:20:05 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	38652	372.36	69.8	664.23	102464	10.2091 ng/ml
7-aminoclonazepam	4.265	612906	6079.82	72.5	15848.60	271896	107.5183 ng/ml
a-hydroxyalprazolam	5.688	232656	458.03	68.8	2758.57	883854	96.6528 ng/ml
alpha-PHP	4.942	109758	1273.60	256.5	5186.96	64335	123.3950 ng/ml
alpha-PVP	4.377	146022	515.02	52.5	1009.02	64335	92.0121 ng/ml
Alprazolam	5.765	1108726	1089.37	110.4	1240.38	410474	102.8790 ng/ml
Amphetamine	3.064	227037	426.96	50.7	234.47	41332	106.8529 ng/ml
Benzoylcegonine	3.884	45622	4972.91	8.2	46.13	13343	102.6834 ng/ml
Buprenorphine	5.850	46979	3443.09	15.0	8510.57	174284	9.2638 ng/ml
Bupropion	4.798	23576	177.68	67.2	249.62	7543	103.4333 ng/ml
Carisoprodol	5.720	864524	997.92	63.9	621.12	341971	94.1210 ng/ml
Chlordiazepoxide	5.848	572274	10413.48	104.5	4311.26	679340	100.8026 ng/ml
Chlorpheniramine	5.124	3131125	41054.65	0.3	175.73	1320868	100.7479 ng/ml
Citalopram	5.231	1703509	43745.99	35.7	707.48	634287	103.1365 ng/ml
Clonazepam	5.607	1038329	30016.80	35.6	11556.67	145828	113.0755 ng/ml
Clonazolam	5.551	723053	95204.10	38.3	465639.15	145828	102.9250 ng/ml
Cocaine	4.271	1094522	21838.24	58.9	14672.79	953041	99.4441 ng/ml
Codeine	2.593	178207	483.72	100.6	261.72	86618	109.4659 ng/ml
Cyclobenzaprine	5.631	1328125	93533.19	8.0	692.07	522390	96.7927 ng/ml
Dextromethorphan	5.282	939481	1612.70	81.9	18373.67	412179	103.4923 ng/ml
Dextrorphan	4.131	658683	1115.16	199.4	1554.84	637047	100.5826 ng/ml
Diazepam	5.944	704152	599.95	91.3	667.98	316635	99.9196 ng/ml
Dihydrocodeine	2.572	451013	1753.50	68.1	11257.12	283259	102.7668 ng/ml
Diphenhydramine	5.303	3541832	34636.10	31.8	17356.35	1630420	96.2229 ng/ml
DMT	2.865	230480	5546.95	124.8	839.29	412179	93.4707 ng/ml
Doxylamine	4.545	3751457	11574.70	97.0	5064.10	1618050	101.5006 ng/ml
Duloxetine	5.657	93748	1294.61	13.8	320.39	46254	100.9555 ng/ml
EDDP	5.268	1598731	1465.76	40.5	403.17	760357	99.6932 ng/ml
Etizolam	5.810	481343	6506.09	26.2	8975.71	145828	94.2837 ng/ml
Fentanyl	5.115	172982	12213.09	68.3	1337.58	849887	10.5033 ng/ml
Flualprazolam	5.701	489416	22066.88	100.6	15765.03	410474	102.1913 ng/ml
Fluorofentanyl	5.169	416728	3855.54	39.8	184374.31	7535	9.7716 ng/ml
Fluoxetine	5.717	1067614	40272.54	7.6	3697.55	344909	96.5574 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.033	746059	436.30	37.6	228.09	392219	103.6837 ng/ml
Hydromorphone	1.622	629798	4900415.55	75.7	10722.45	185526	103.5016 ng/ml
Hydroxyzine	5.714	1692278	53967.58	77.7	4192.38	412179	95.3634 ng/ml
Ketamine	4.057	328484	348.58	35.1	470.63	137160	108.7508 ng/ml
Lamotrigine	4.287	126569	894.75	91.7	8279.11	1008040	106.9353 ng/ml
Lorazepam	5.743	604351	8154.47	51.2	1601.66	445008	100.7081 ng/ml
MDA	3.205	1708487	3524.39	35.9	421.91	579543	107.1892 ng/ml
MDMA	3.298	992018	10911.25	119.3	1129.33	122024	105.4227 ng/ml
Meprobamate	4.908	803960	11598.24	27.7	4186.93	421879	101.0074 ng/ml
Methadone	5.662	2903877	40904.71	51.4	1815.70	1079583	101.2904 ng/ml
Methamphetamine	3.232	31485	209.42	39.2	103.71	16835	94.8492 ng/ml
Metoprolol	4.334	424565	929.33	100.6	4339.35	1233033	116.6186 ng/ml
Mirtazapine	4.641	2650400	12314.51	51.0	71238.64	64335	146.7740 ng/ml
Mitragynine	5.250	579206	6594.95	36.1	5197.37	1079583	96.8844 ng/ml
Morphine	1.261	118681	18933.11	26.3	2849.97	20506	101.3314 ng/ml
Norbuprenorphine	5.004	6563	94.44	101.6	112.08	27750	10.3300 ng/ml
Nordiazepam	5.884	820333	1046.64	56.9	1300.22	245654	103.6378 ng/ml
Norfentanyl	4.091	301818	627.29	37.6	4232.86	1174842	9.6773 ng/ml
Norhydrocodone	3.081	134126	207.56	41.2	154.23	92243	97.9537 ng/ml
Noroxycodone	2.924	641189	4560.15	46.9	339.54	197501	97.1920 ng/ml
O-desmethyl-tramadol	3.379	3430934	77776.73	6.3	14340.43	1786216	99.6869 ng/ml
o-desmethylvenlafaxine	4.076	5121802	131771.92	16.2	2710.47	367026	98.3251 ng/ml
Olanzapine	4.489	495130	24901.84	64.5	959.26	127230	110.7600 ng/ml
Oxazepam	5.746	1008188	5038.09	72.7	433.17	445008	102.5209 ng/ml
Oxycodone	2.849	1258875	1995.14	30.0	2349.44	513542	101.0638 ng/ml
Oxymorphone	1.418	685336	∞	47.7	∞	220035	100.5235 ng/ml
Phentermine	3.780	43532	178.25	8.0	64.90	47569	100.3205 ng/ml
Promethazine	5.554	2462699	1462.79	30.5	2674.08	1013601	99.8850 ng/ml
Pseudoephedrine	2.596	2142343	5616.78	19.2	578.37	1008040	97.6972 ng/ml
Quetiapine	5.570	1918535	1319.10	60.2	20290.27	272509	103.7429 ng/ml
Sertraline	5.779	269054	2974.55	94.7	920.18	109506	96.1619 ng/ml
Temazepam	5.813	1929291	1030.93	26.6	351.93	883854	102.1848 ng/ml
Tramadol	4.253	2674200	590.94	3.5	463.11	1233033	104.3712 ng/ml
Trazodone	5.175	2422242	131681.64	69.7	749.25	767094	98.9525 ng/ml
Venlafaxine	5.049	2942606	97570.78	34.0	∞	1547674	92.9626 ng/ml
Zolpidem	4.932	3412062	191567.42	27.1	6423.60	1263949	105.2100 ng/ml

AD

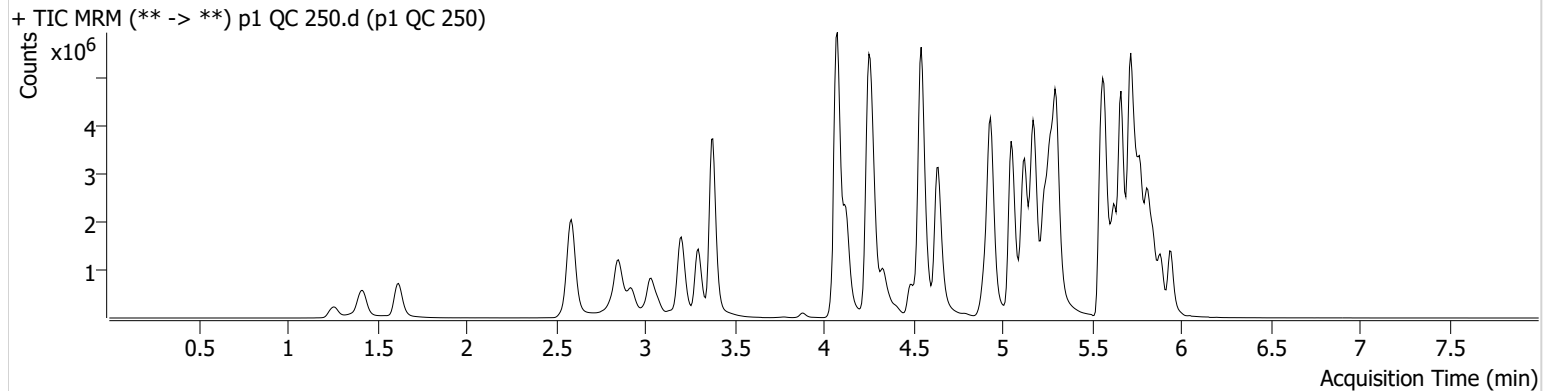


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 5:24:47 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	94043	1182.75	68.5	134824.41	98290	25.8847 ng/ml
7-aminoclonazepam	4.265	1181929	30649.31	72.0	405.99	227469	248.7339 ng/ml
a-hydroxyalprazolam	5.688	346474	1227.20	67.0	261.38	527851	241.4314 ng/ml
alpha-PHP	4.942	137614	1560.97	255.2	1137.20	33381	296.1988 ng/ml
alpha-PVP	4.370	217040	807.01	52.9	2079.08	33381	261.8048 ng/ml
Alprazolam	5.765	2212826	2213.39	105.8	994.27	325613	258.4102 ng/ml
Amphetamine	3.057	244012	2713.68	51.2	763.66	16180	294.5839 ng/ml
Benzoylecgonine	3.877	115098	1803.82	8.5	679.30	13689	252.3715 ng/ml
Buprenorphine	5.850	97860	85644.58	15.8	14696.23	132422	25.3814 ng/ml
Bupropion	4.798	44334	13135.75	70.2	145.94	5678	257.2773 ng/ml
Carisoprodol	5.727	1298614	∞	64.3	21195.59	197991	243.4475 ng/ml
Chlordiazepoxide	5.848	998762	12937.54	105.1	12075.56	516597	232.7596 ng/ml
Chlorpheniramine	5.124	6536726	2540.34	0.3	250.58	1077812	257.7647 ng/ml
Citalopram	5.231	3423682	79769.03	35.4	936.57	498526	263.1642 ng/ml
Clonazepam	5.607	1777201	10587.40	35.6	1399.03	108623	261.2998 ng/ml
Clonazolam	5.551	1187081	551942.05	39.1	528002.19	108623	227.7328 ng/ml
Cocaine	4.271	2265572	85109.61	57.5	747.65	780237	251.3920 ng/ml
Codeine	2.593	347696	169.22	100.6	15326.87	71363	260.1948 ng/ml
Cyclobenzaprine	5.631	2657167	84030.24	7.5	544.01	394288	255.9132 ng/ml
Dextromethorphan	5.275	1835408	25504.03	81.5	65307.11	319345	260.9733 ng/ml
Dextrorphan	4.124	1418061	1213378.41	203.5	3449.05	542927	253.8154 ng/ml
Diazepam	5.944	1424604	∞	90.4	2174.69	254163	252.0853 ng/ml
Dihydrocodeine	2.565	983450	21959.23	69.0	248.00	265107	240.5865 ng/ml
Diphenhydramine	5.303	5991300	71587.70	32.0	29411.92	1063380	248.8463 ng/ml
DMT	2.865	494210	937.21	132.9	26659.09	319345	258.1545 ng/ml
Doxylamine	4.545	7781878	146760.58	95.9	6768.74	1284724	264.7436 ng/ml
Duloxetine	5.657	173572	3625.99	14.5	366.18	32922	262.8057 ng/ml
EDDP	5.268	2832211	92420.49	40.0	17177.51	535839	250.3498 ng/ml
Etizolam	5.803	985494	5689.17	26.0	6435.84	108623	258.6407 ng/ml
Fentanyl	5.108	369705	13688.30	65.7	168.61	739746	25.8200 ng/ml
Flualprazolam	5.701	845481	3884.08	106.2	55015.46	325613	223.2777 ng/ml
Fluorofentanyl	5.169	856214	8122.47	40.9	8274.61	6286	24.0532 ng/ml
Fluoxetine	5.717	1765410	41553.72	7.4	200.39	224061	244.9367 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	1673391	∞	38.6	231.09	361064	253.4013 ng/ml
Hydromorphone	1.622	1395397	10222780.47	76.4	3620945.05	167938	253.4964 ng/ml
Hydroxyzine	5.714	3432498	21747.42	80.1	42596.68	319345	248.2989 ng/ml
Ketamine	4.057	606502	567.02	34.3	2246.55	106595	259.6337 ng/ml
Lamotrigine	4.287	264846	9092.06	91.5	1089.32	674411	332.3131 ng/ml
Lorazepam	5.743	730640	23073.15	51.3	2129.91	253826	214.6827 ng/ml
MDA	3.205	3093972	6138.32	36.6	6338.99	451839	249.9149 ng/ml
MDMA	3.298	1771658	175990.53	124.9	4657.49	92360	249.0886 ng/ml
Meprobamate	4.901	1504564	29127.53	28.5	3316.69	374272	214.1541 ng/ml
Methadone	5.662	5693618	2260.55	52.1	56772.95	855766	250.0659 ng/ml
Methamphetamine	3.226	30505	133.97	41.1	78.60	6414	241.1046 ng/ml
Metoprolol	4.334	895725	6370.09	102.3	18427.38	916169	330.5331 ng/ml
Mirtazapine	4.641	5796433	190978.86	50.6	2124.21	33381	606.4989 ng/ml
Mitragynine	5.243	1185853	977.39	35.4	275573.67	855766	250.2973 ng/ml
Morphine	1.261	269894	881.22	25.8	2577.09	18355	257.4665 ng/ml
Norbuprenorphine	5.004	14021	1473.98	106.7	151.73	25570	24.3165 ng/ml
Nordiazepam	5.884	1503061	1085.08	56.8	1818.67	178274	261.7845 ng/ml
Norfentanyl	4.091	634382	1897.57	37.2	3651.06	975798	24.4528 ng/ml
Norhydrocodone	3.074	299814	129.42	41.3	632.64	73593	273.3356 ng/ml
Noroxycodone	2.924	1198710	13898.90	47.5	13127.77	150556	237.4263 ng/ml
O-desmethyl-tramadol	3.379	8057566	∞	6.0	11856.80	1567970	266.3125 ng/ml
o-desmethylvenlafaxine	4.076	11809033	1358143.01	15.5	9952.44	313082	264.7680 ng/ml
Olanzapine	4.482	1191470	8920.17	65.6	68581.57	124264	273.7985 ng/ml
Oxazepam	5.746	1318322	5953.62	70.8	2992.34	253826	235.0418 ng/ml
Oxycodone	2.842	2732882	1648.02	29.8	1792.30	478413	236.3933 ng/ml
Oxymorphone	1.418	1547304	∞	46.6	∞	192544	259.2006 ng/ml
Phentermine	3.780	34799	187.33	7.4	34.81	15288	249.3704 ng/ml
Promethazine	5.547	4929034	47155.44	29.8	23866.78	764484	264.3136 ng/ml
Pseudoephedrine	2.589	3693803	10636.19	19.3	16857.89	674411	251.3022 ng/ml
Quetiapine	5.570	4194195	164995.57	60.4	38405.60	236669	262.0007 ng/ml
Sertraline	5.779	492832	2447.06	93.7	2195.11	78339	245.7973 ng/ml
Temazepam	5.813	2914141	48291.39	26.8	∞	527851	258.6948 ng/ml
Tramadol	4.253	4643837	2550.03	3.4	∞	916169	243.4103 ng/ml
Trazodone	5.168	5433682	1410.16	72.4	906.48	693879	245.3522 ng/ml
Venlafaxine	5.049	6444407	114083.62	32.7	835.40	1276296	246.1306 ng/ml
Zolpidem	4.932	8017959	318157.09	26.5	116047.86	1192423	262.4725 ng/ml

ADY

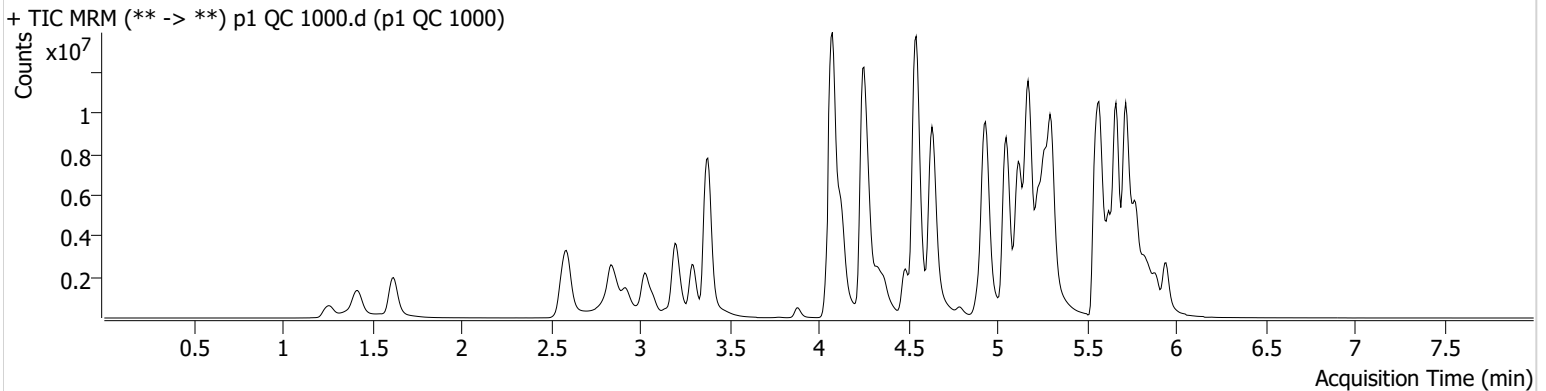


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-D2 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 5:46:05 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	377422	27809.95	67.5	17534.63	98996	103.1243 ng/ml
7-aminoclonazepam	4.258	1472547	13645.42	72.8	12071.50	124186	568.5114 ng/ml
a-hydroxyalprazolam	5.688	397783	1457.49	66.6	928.20	131428	1114.2615 ng/ml
alpha-PHP	4.942	576005	4433.48	253.9	5131.01	56557	729.6903 ng/ml
alpha-PVP	4.370	1616299	97380.39	52.4	2329.81	56557	1147.4827 ng/ml
Alprazolam	5.772	4423163	608.39	109.5	148.34	165726	1014.0291 ng/ml
Amphetamine	3.057	484341	7919.21	50.2	4296.52	12886	735.2610 ng/ml
Benzoylecgonine	3.877	591563	1347.03	8.5	523.93	14882	1192.7675 ng/ml
Buprenorphine	5.850	305737	194090.51	15.4	45185.82	94690	110.8648 ng/ml
Bupropion	4.792	491718	63245.68	69.3	7456.52	14930	1082.8662 ng/ml
Carisoprodol	5.727	1480587	∞	65.1	1795.31	48720	1126.2695 ng/ml
Chlordiazepoxide	5.848	1497758	28555.78	130.7 High	11371.65	260497	694.3590 ng/ml
Chlorpheniramine	5.124	19575165	12111.78	0.3	557.79	825583	1007.7569 ng/ml
Citalopram	5.225	8370020	257862.43	34.3	297136.43	306225	1046.3013 ng/ml
Clonazepam	5.607	2643702	22589.33	36.0	29400.09	49196	860.8183 ng/ml
Clonazolam	5.544	1349089	112605.61	40.0	173351.61	49196	572.5453 ng/ml
Cocaine	4.271	6964940	5253.34	56.9	1206.41	581783	1036.3895 ng/ml
Codeine	2.593	935603	∞	96.6	43800.49	52261	957.9379 ng/ml
Cyclobenzaprine	5.631	7147513	632346.68	7.2	290.45	256478	1057.0121 ng/ml
Dextromethorphan	5.275	4424748	121223.05	80.3	176434.70	191554	1048.8878 ng/ml
Dextrorphan	4.124	4303618	78369.73	208.5	281622.44	383898	1088.8134 ng/ml
Diazepam	5.944	3454301	∞	88.3	399.55	161270	963.7769 ng/ml
Dihydrocodeine	2.558	2933940	25225.55	68.1	185159.10	261887	728.3275 ng/ml
Diphenhydramine	5.303	14725651	454543.50	32.4	38234.66	614953	1056.1598 ng/ml
DMT	2.858	1416226	49288.21	145.8	80622.32	191554	1232.1552 ng/ml
Doxylamine	4.547	22185482	945483.49	96.4	181344.92	982755	985.9439 ng/ml
Duloxetine	5.650	276627	1322.78	15.3	781.39	14365	960.2539 ng/ml
EDDP	5.268	7900682	291439.88	40.2	97638.58	352359	1061.4677 ng/ml
Etizolam	5.810	2176302	37644.54	25.9	240197.66	49196	1259.9708 ng/ml
Fentanyl	5.101	1109376	35693.05	66.8	12909.04	650677	88.1326 ng/ml
Flualprazolam	5.694	1242053	7111.01	110.9	23742.24	165726	645.6253 ng/ml
Fluorofentanyl	5.169	2499803	15852.63	42.3	3720.11	4499	98.0782 ng/ml
Fluoxetine	5.717	2964962	21092.30	7.5	132604.28	83783	1098.1927 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	5222311	∞	39.4	∞	318510	897.8359 ng/ml
Hydromorphone	1.622	4608660	30611962.13	77.3	16227360.7	137700	1021.4244 ng/ml
Hydroxyzine	5.714	9465577	245930.56	82.1	4375.92	191554	1138.4877 ng/ml
Ketamine	4.050	3059540	176665.75	33.1	10605.91	161481	866.7111 ng/ml
Lamotrigine	4.294	512305	19990.98	92.1	26387.28	282352	1531.7322 ng/ml
Lorazepam	5.743	770684	38336.99	49.9	4215.78	55087	1047.6514 ng/ml
MDA	3.198	7336562	23444.36	36.9	1239.01	301333	890.4125 ng/ml
MDMA	3.292	3202090	15057.61	125.6	1265.46	47865	869.3369 ng/ml
Meprobamate	4.894	2855084	46919.26	28.1	16598.40	268831	567.3720 ng/ml
Methadone	5.662	15218182	242967.93	54.7	274460.68	576345	991.4759 ng/ml
Methamphetamine	3.226	66219	302.45	39.5	436.95	3401	986.8014 ng/ml
Metoprolol	4.334	2339397	16173.70	103.4	239158.14	702699	1124.7331 ng/ml
Mirtazapine	4.634	19033790	370795.12	51.7	671827.45	56557	1171.9085 ng/ml
Mitragynine	5.243	2976332	1493.35	36.5	2029820.20	576345	932.8828 ng/ml
Morphine	1.261	800378	∞	26.0	∞	14343	977.1512 ng/ml
Norbuprenorphine	5.004	58375	383.07	101.3	545.51	26505	98.5040 ng/ml
Nordiazepam	5.890	2561256	37589.71	56.8	29827.76	80185	992.0104 ng/ml
Norfentanyl	4.091	1368358	334.00	37.8	172.20	426368	120.6183 ng/ml
Norhydrocodone	3.074	1087743	∞	41.2	161.42	55074	1322.7597 ng/ml
Noroxycodone	2.917	2686586	10297.79	47.4	12237.99	78953	1012.6181 ng/ml
O-desmethyl-tramadol	3.378	22909093	289819.66	6.7	30644.93	1201107	987.8135 ng/ml
o-desmethylvenlafaxine	4.076	32269188	1148257.34	16.1	24902.65	196667	1149.8129 ng/ml
Olanzapine	4.482	4275924	34285.52	69.4	128507.47	149282	819.1590 ng/ml
Oxazepam	5.746	1181745	6873.98	71.0	2139.34	55087	970.8451 ng/ml
Oxycodone	2.828	7500083	1160.83	29.3	2504.79	424029	733.3537 ng/ml
Oxymorphone	1.418	4596662	240.19	46.0	218.81	154888	956.9577 ng/ml
Phentermine	3.780	65316	16376.20	7.9	81.33	7124	1004.1092 ng/ml
Promethazine	5.547	14453678	834590.45	29.9	848.19	564939	1047.4787 ng/ml
Pseudoephedrine	2.596	6480059	2065.18	19.0	178650.69	282352	1052.0516 ng/ml
Quetiapine	5.570	10561334	378895.52	61.9	112977.63	173186	902.9565 ng/ml
Sertraline	5.779	1022961	2758.82	86.6	36103.54	39497	1011.0680 ng/ml
Temazepam	5.813	2707833	83977.98	27.4	3293.49	131428	965.8796 ng/ml
Tramadol	4.246	11448510	∞	3.6	86.06	702699	781.5203 ng/ml
Trazodone	5.168	16017825	541982.12	76.9	568974.54	502640	998.3591 ng/ml
Venlafaxine	5.049	19276658	51268.17	32.3	∞	921495	1018.2772 ng/ml
Zolpidem	4.933	22763868	2789.75	27.9	92033.97	1042773	852.7507 ng/ml

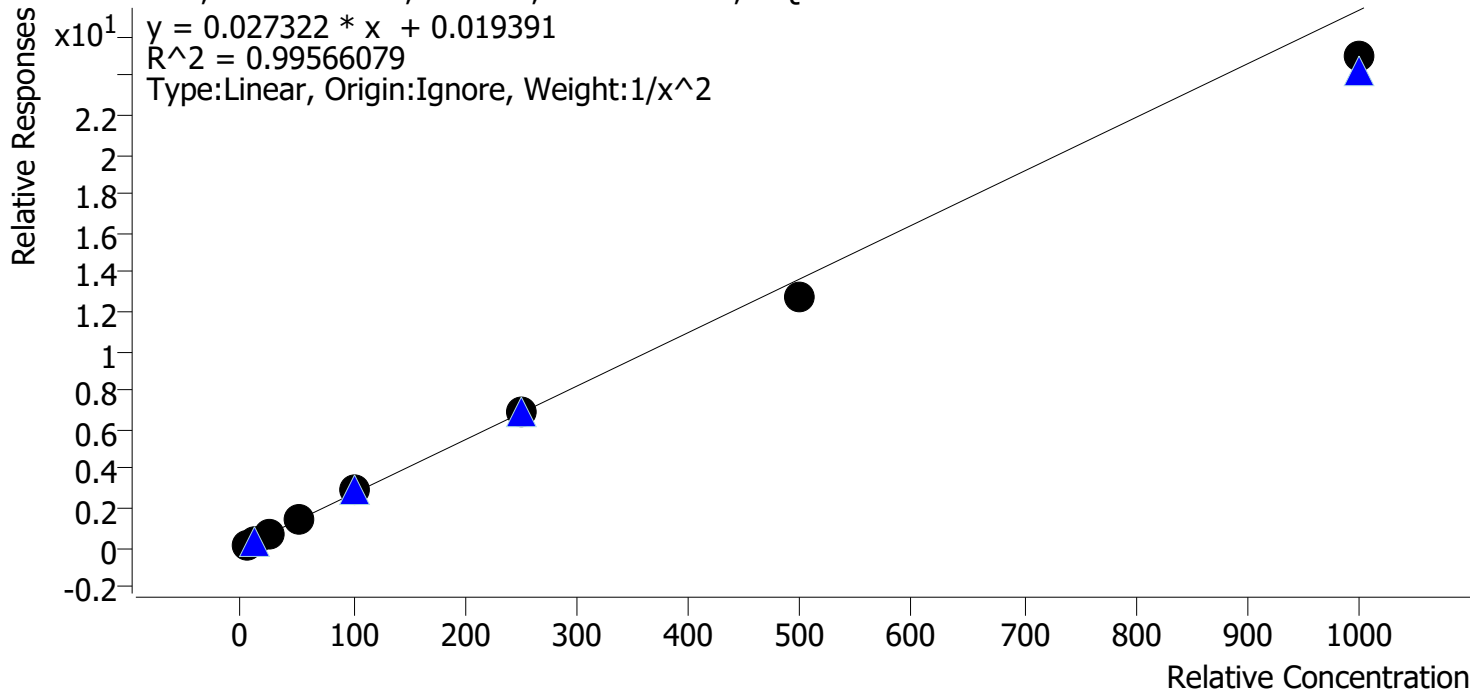
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



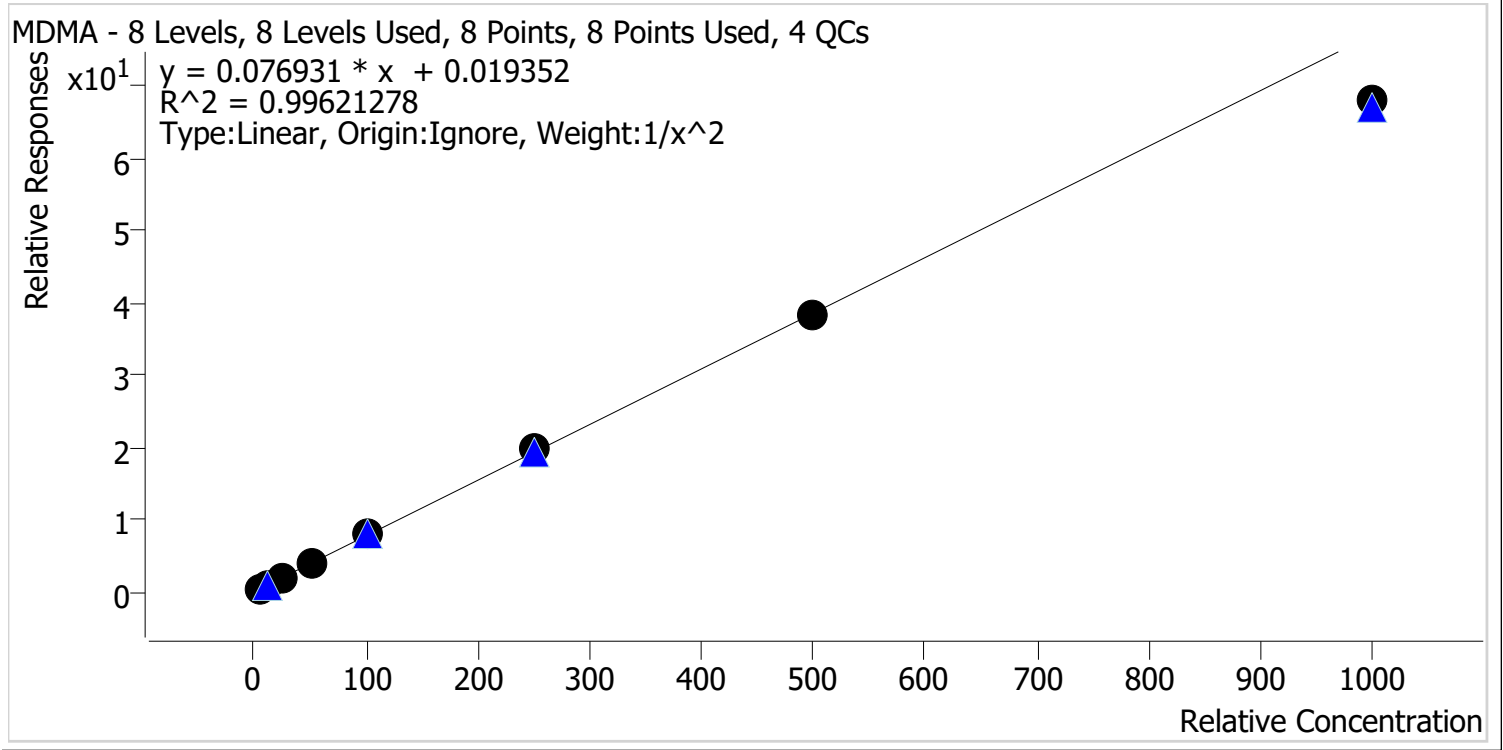
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p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	465.6	93.1
p1 Cal 8-1000ng	8	✓	1000.0	913.5	91.4

ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



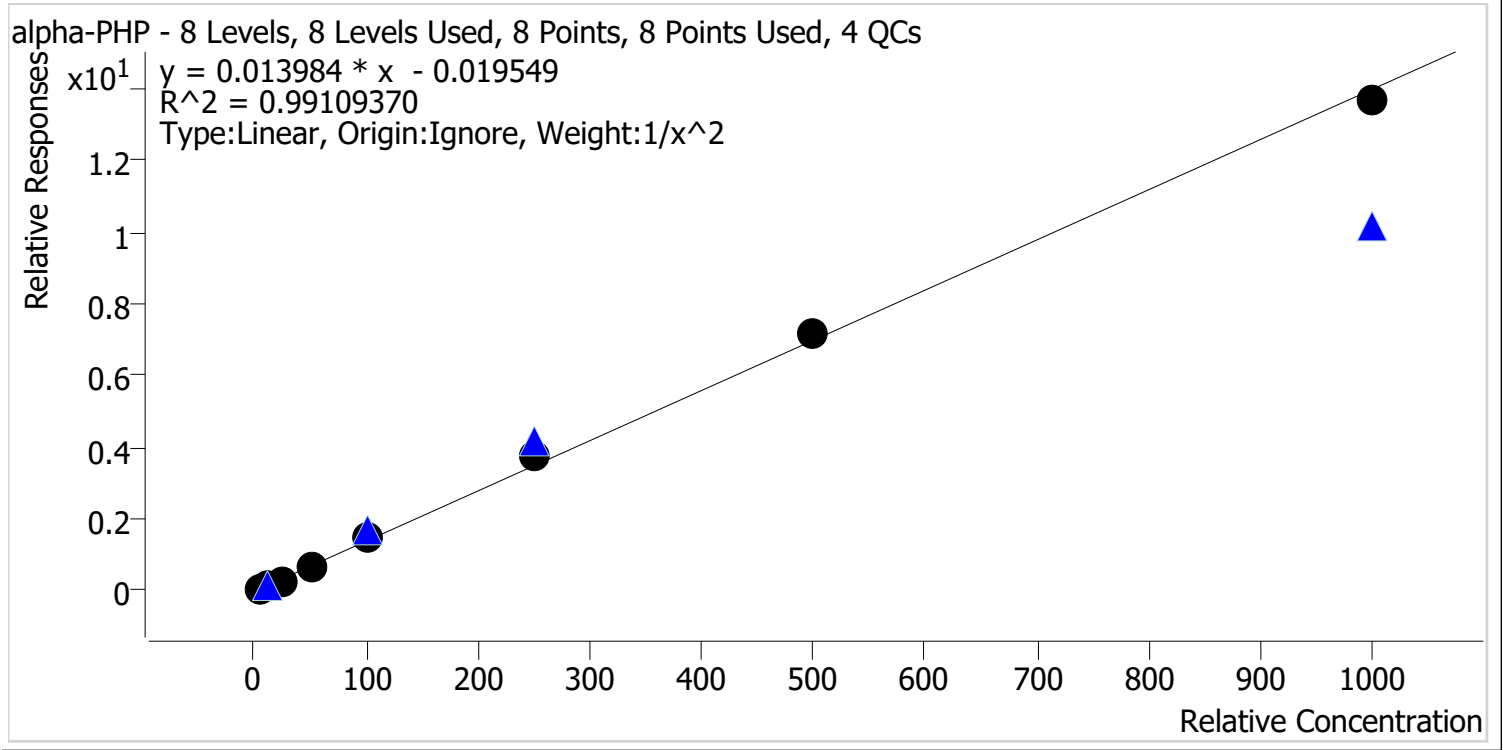
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	882.1	88.2

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



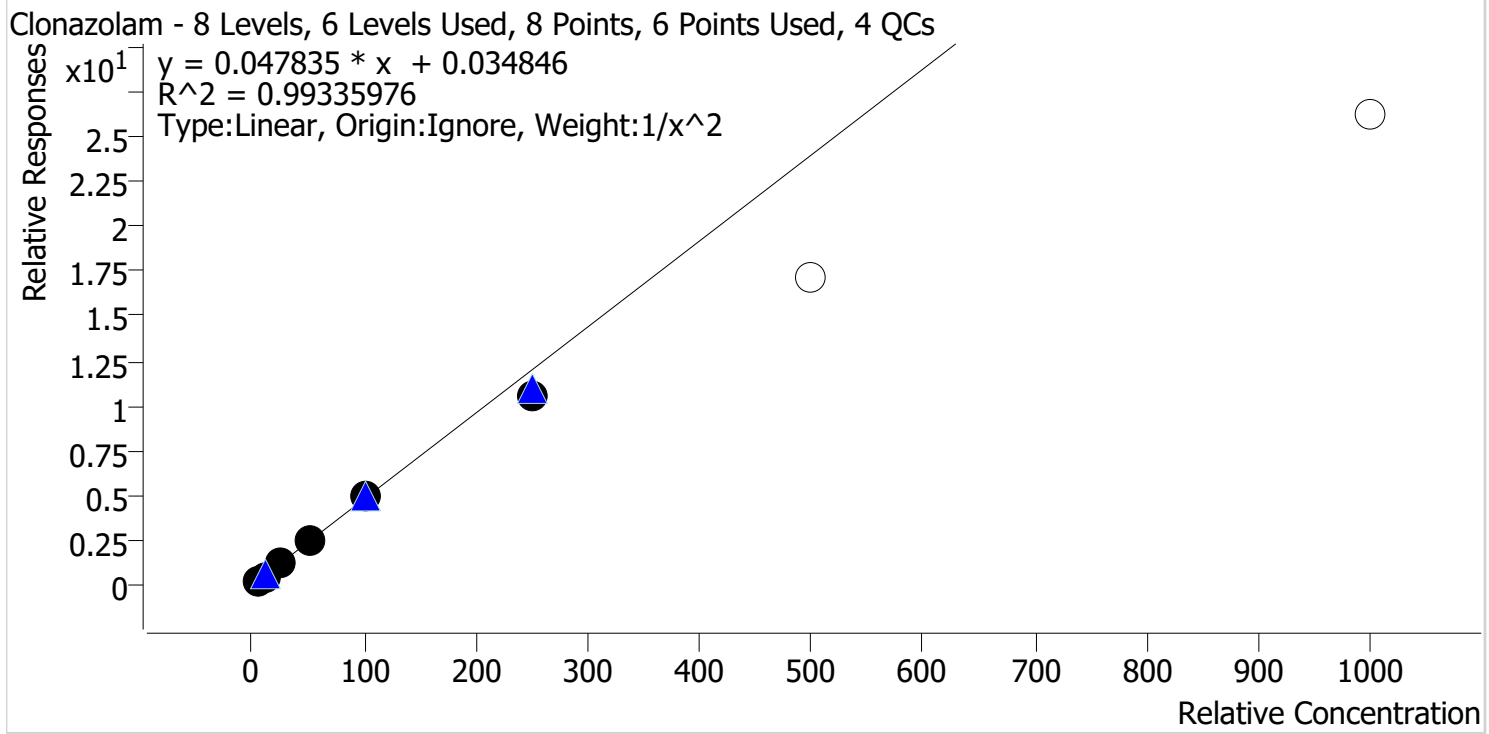
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	20.8	83.2
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	110.4	110.4
p1 Cal 6-250ng	6	✓	250.0	266.7	106.7
p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
p1 Cal 8-1000ng	8	✓	1000.0	977.6	97.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	221.1	88.4
p1 Cal 7-500ng	7	x	500.0	359.0	71.8
p1 Cal 8-1000ng	8	x	1000.0	546.1	54.6

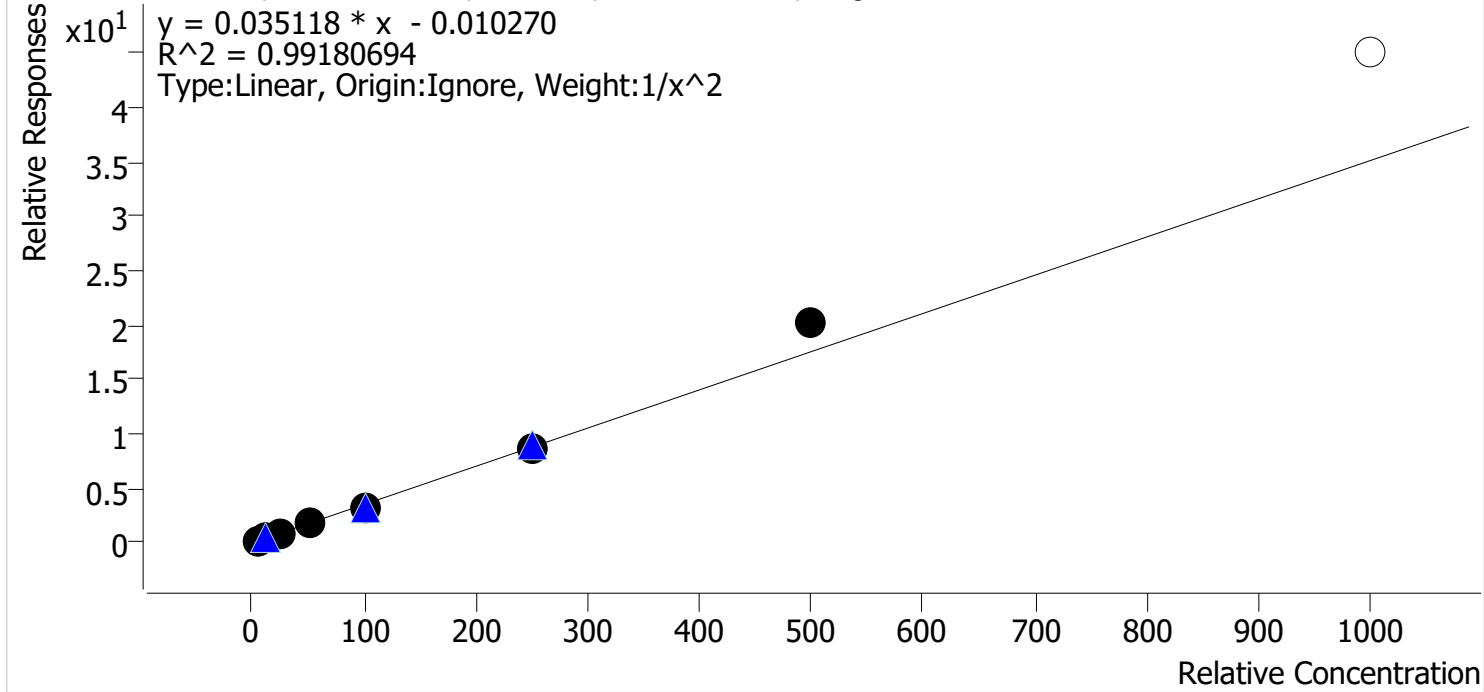
ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



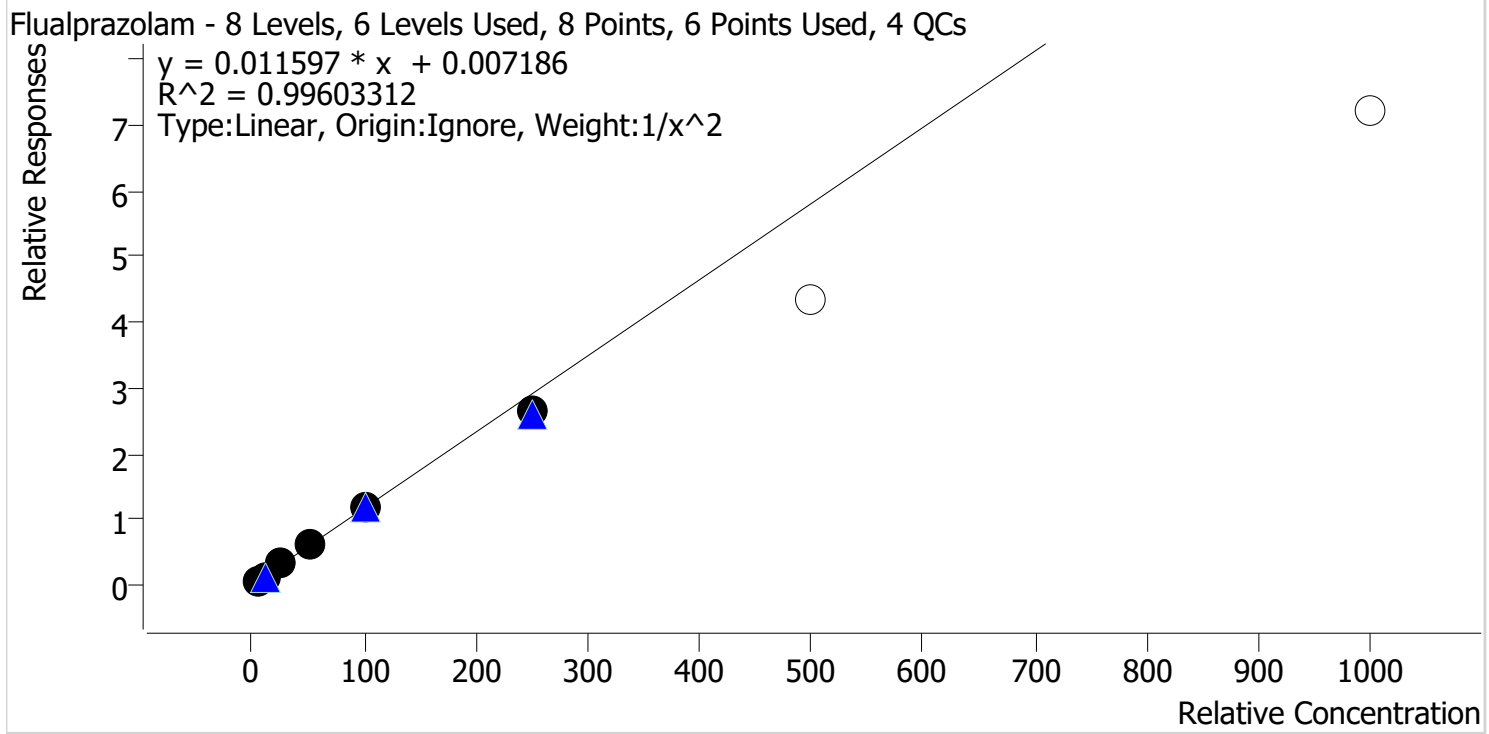
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	579.9	116.0
p1 Cal 8-1000ng	8	✗	1000.0	1282.7	128.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	228.0	91.2
p1 Cal 7-500ng	7	x	500.0	375.7	75.1
p1 Cal 8-1000ng	8	x	1000.0	624.2	62.4

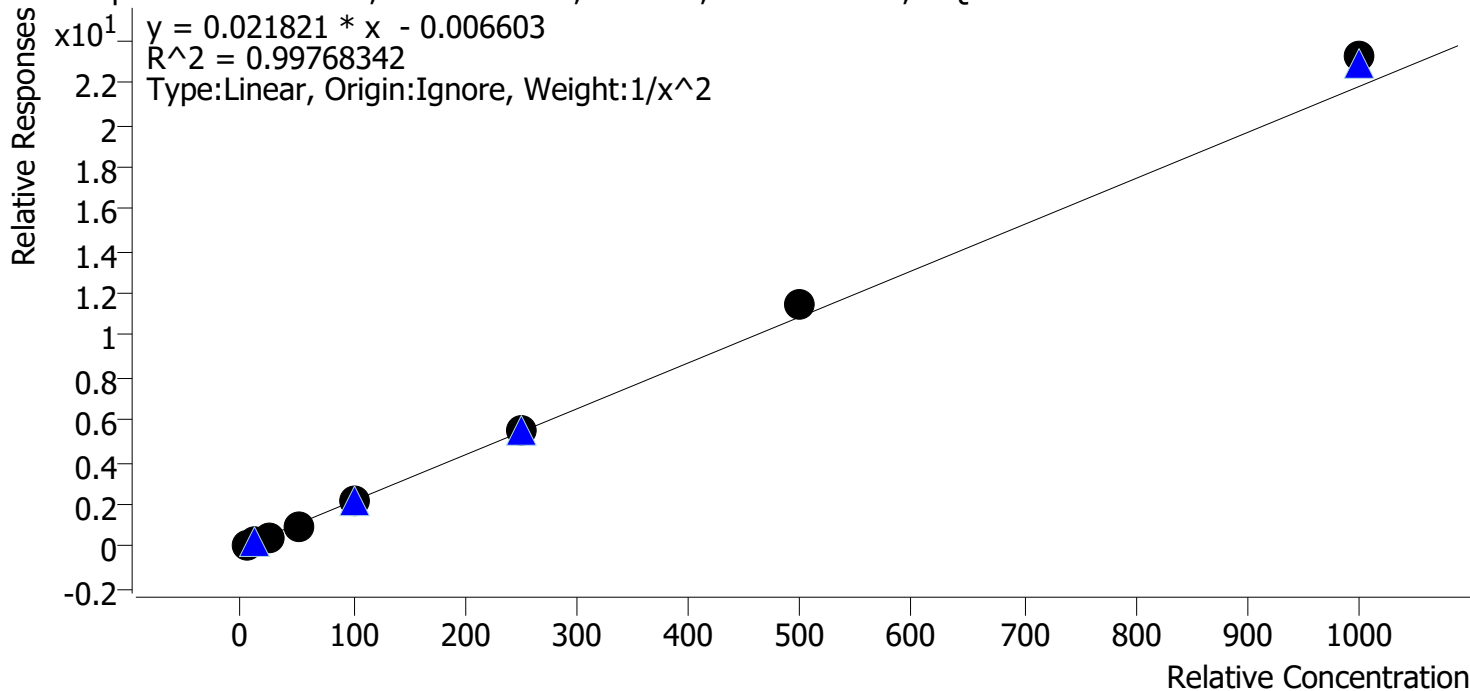
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



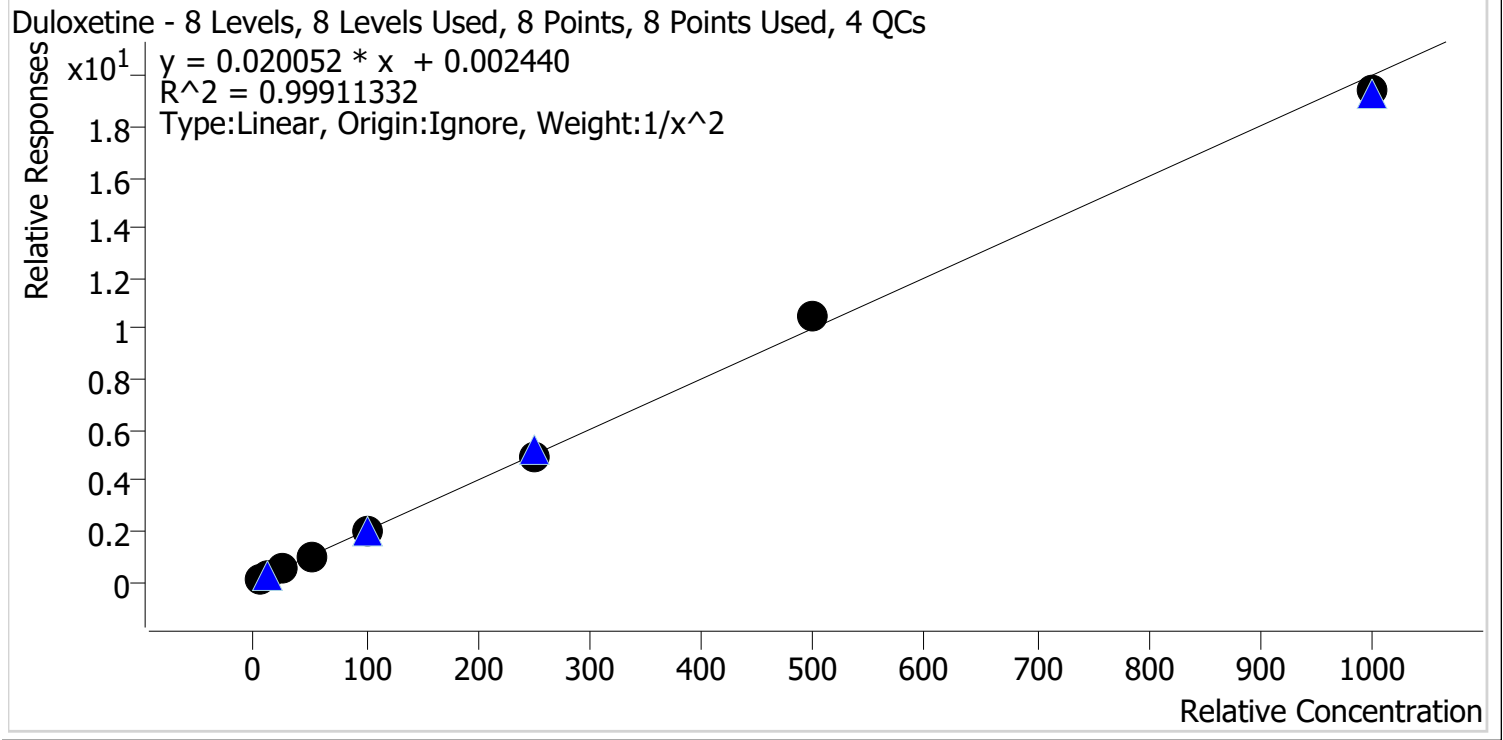
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	47.7	95.3
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	523.6	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1064.8	106.5

ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



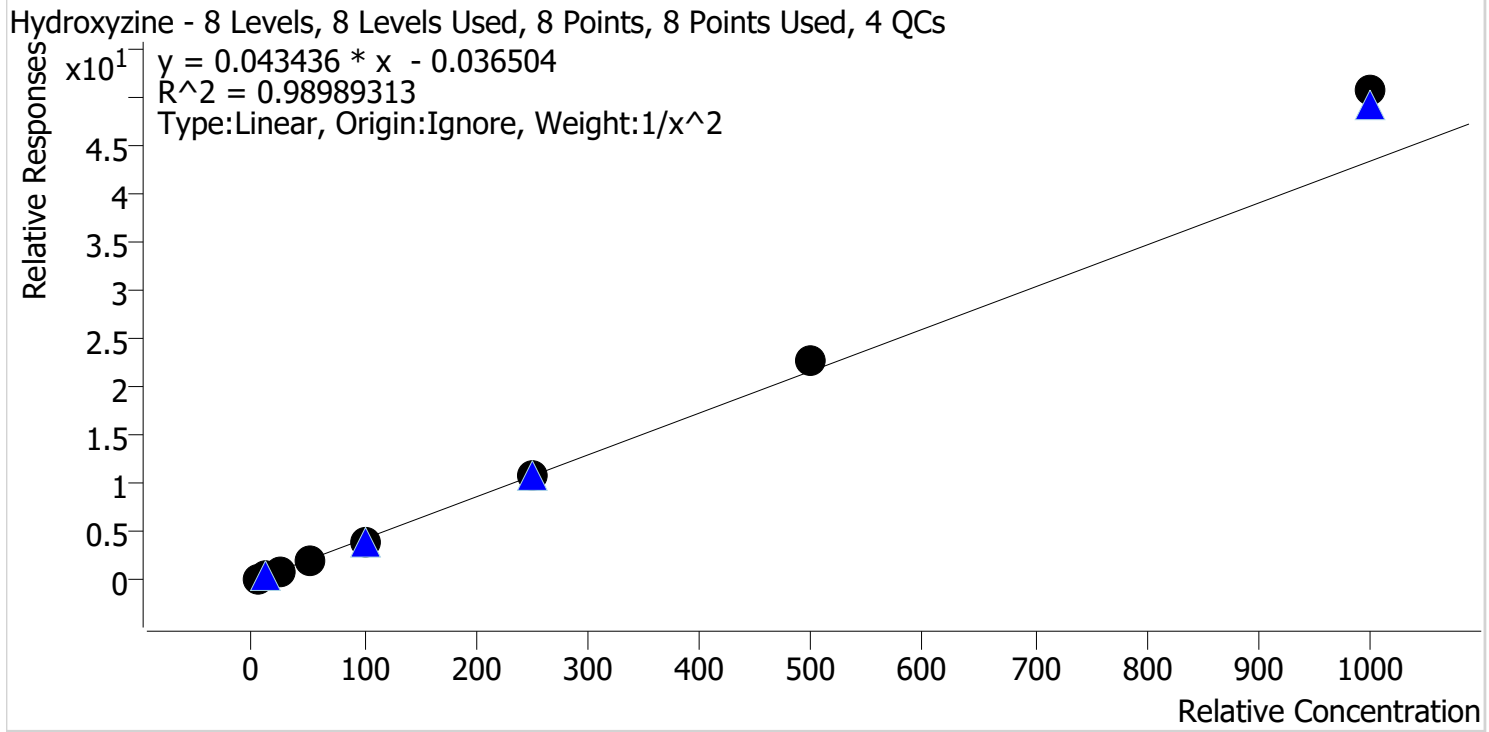
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	523.6	104.7
p1 Cal 8-1000ng	8	✓	1000.0	969.7	97.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



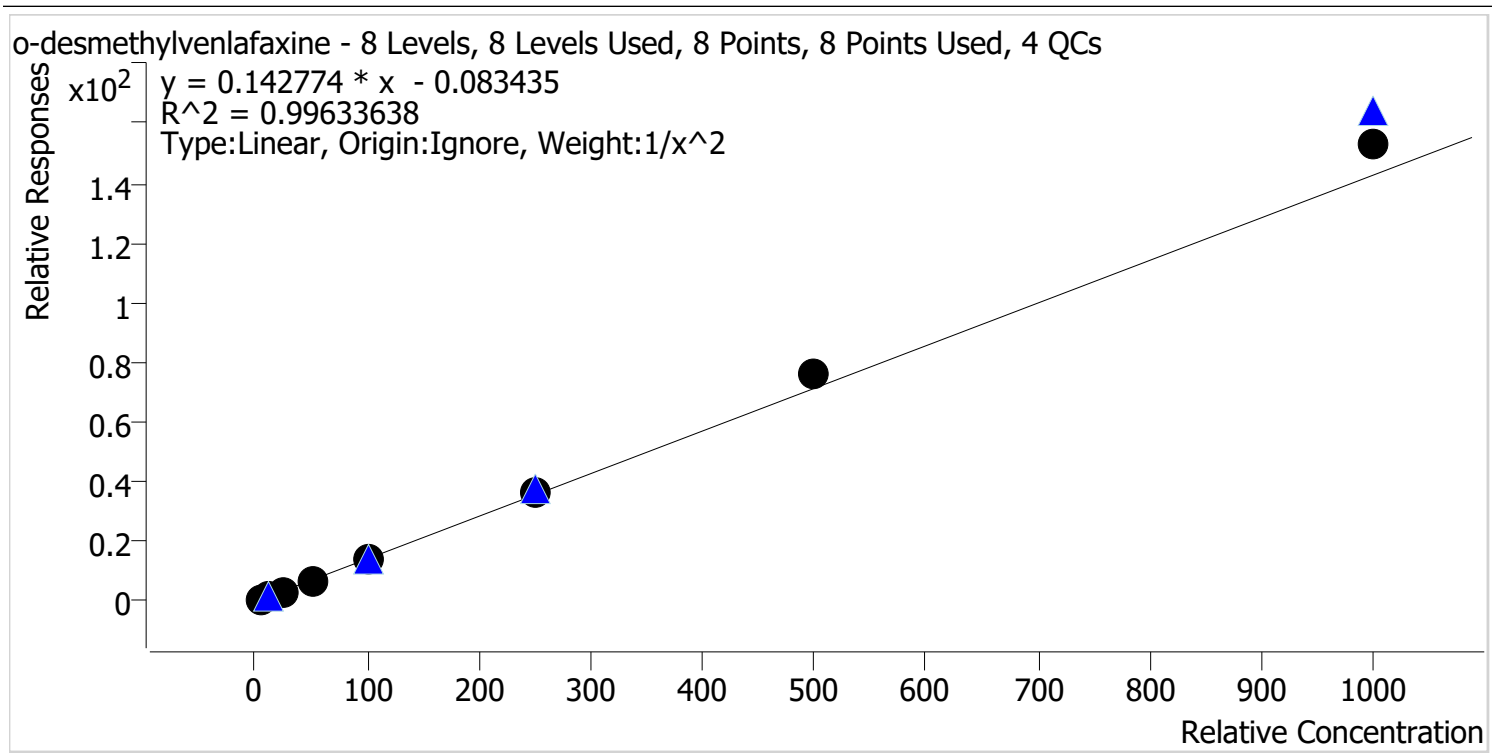
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
p1 Cal 5-100ng	5	✓	100.0	92.5	92.5
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	528.8	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1168.1	116.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



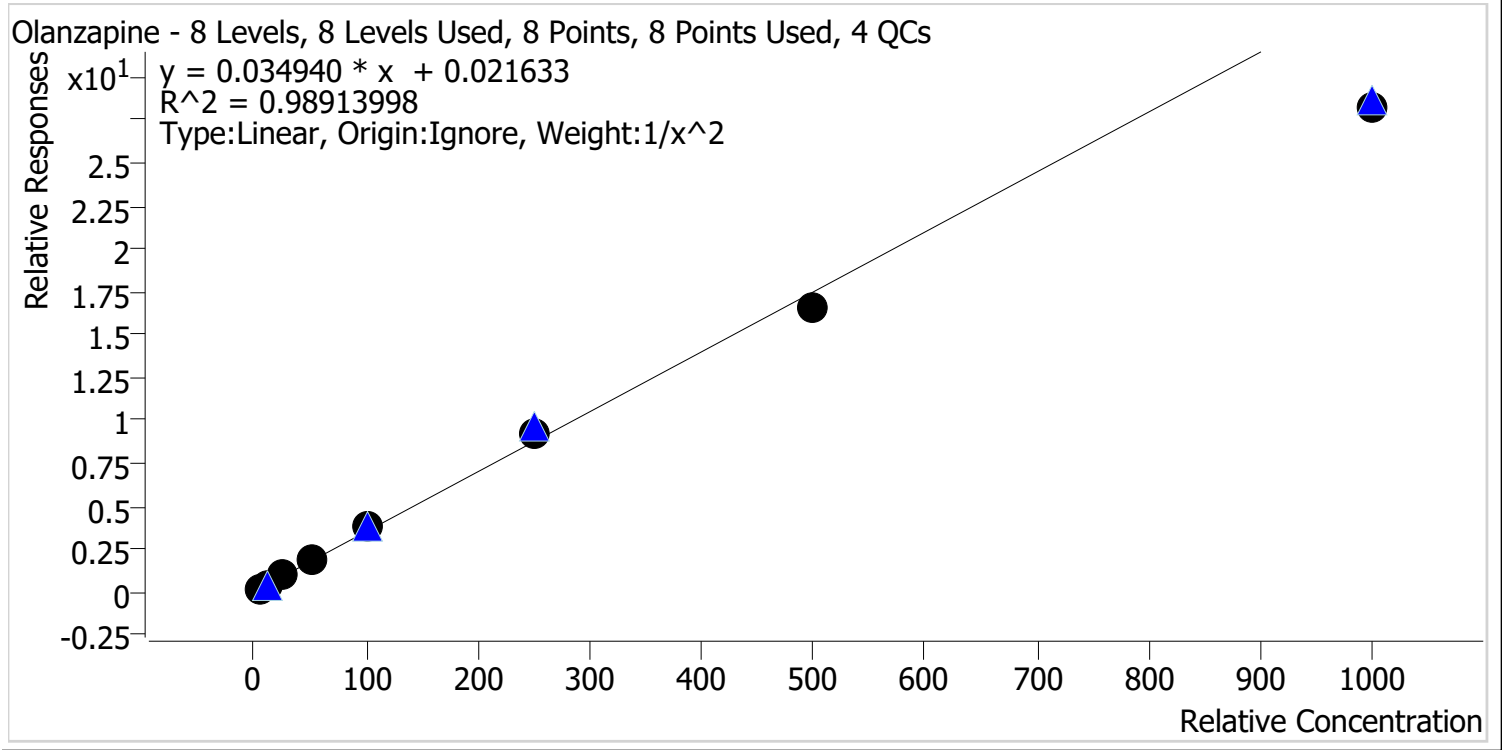
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	530.2	106.0
p1 Cal 8-1000ng	8	✓	1000.0	1075.6	107.6

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	108.6	108.6
p1 Cal 6-250ng	6	✓	250.0	263.0	105.2
p1 Cal 7-500ng	7	✓	500.0	476.2	95.2
p1 Cal 8-1000ng	8	✓	1000.0	807.7	80.8

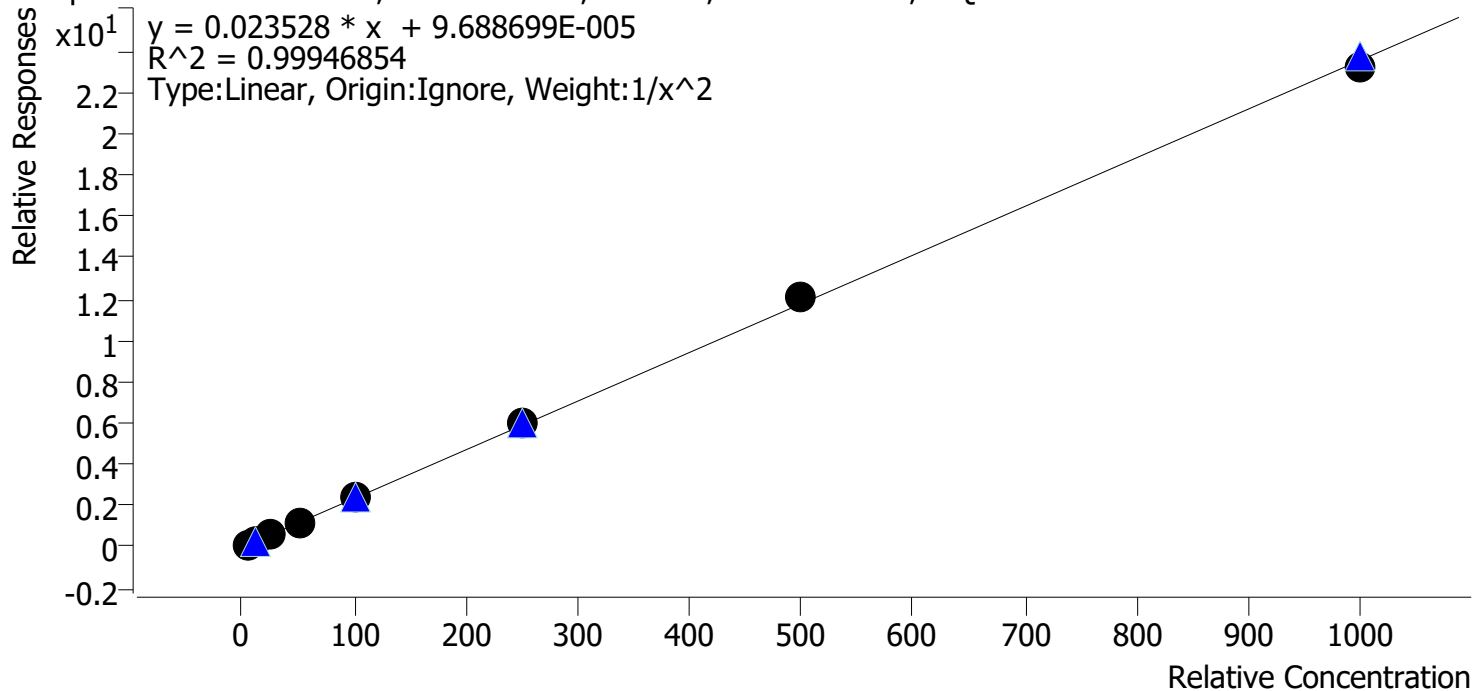
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



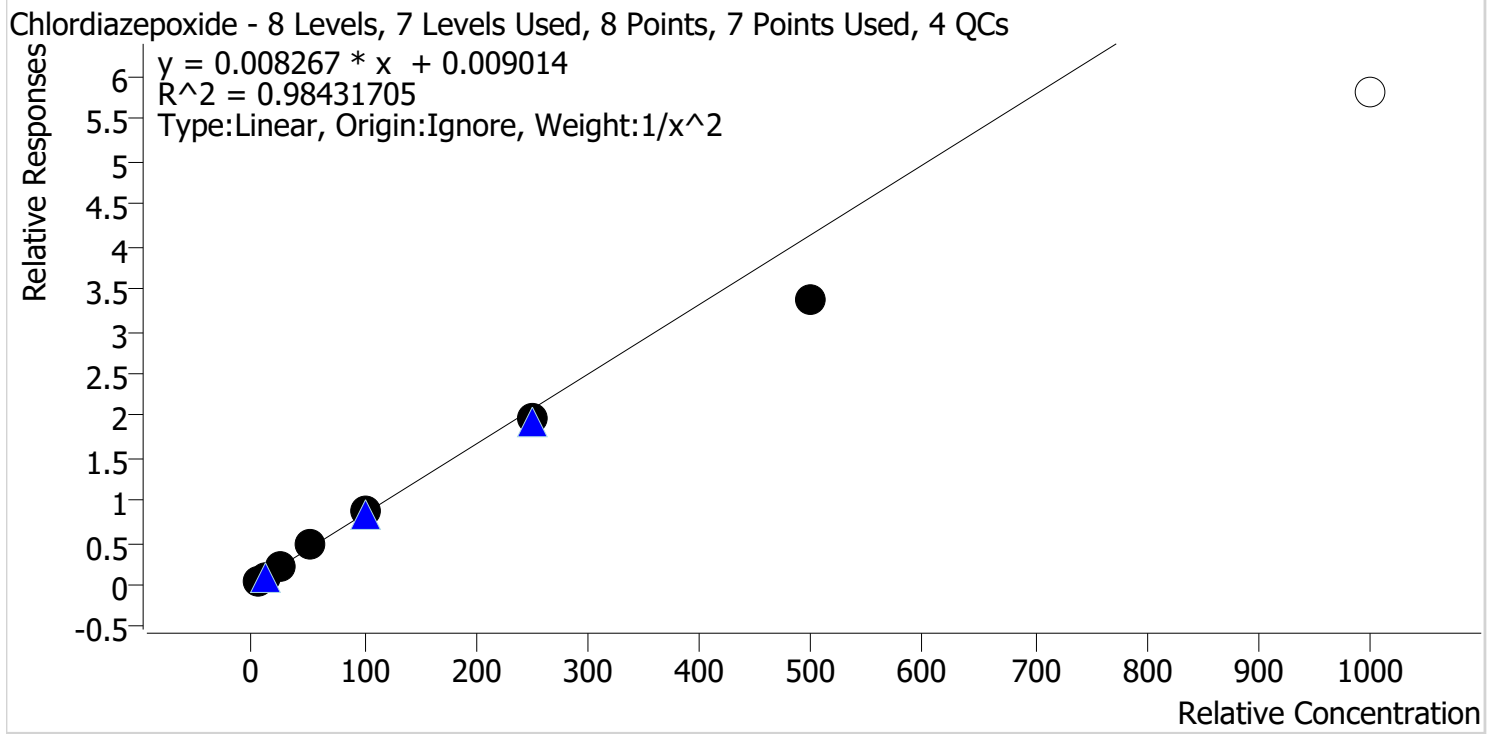
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	513.4	102.7
p1 Cal 8-1000ng	8	✓	1000.0	982.7	98.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.4
p1 Cal 2-10ng	2	✓	10.0	10.9	109.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	235.3	94.1
p1 Cal 7-500ng	7	✓	500.0	407.6	81.5
p1 Cal 8-1000ng	8	x	1000.0	703.0	70.3

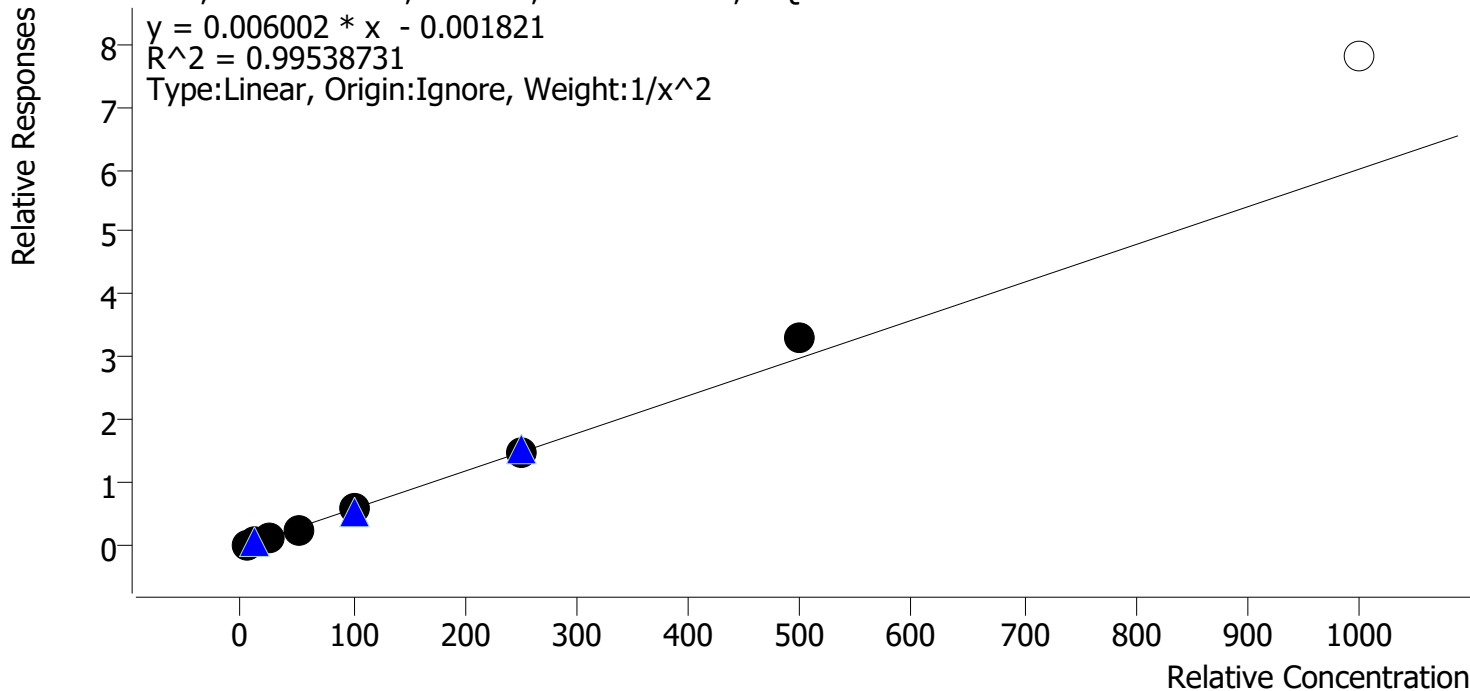
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/3/2022 12:54 PM
 Analyst Name ISP\datastor
 Analyte DMT Internal Standard Dextromethorphan-D3

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



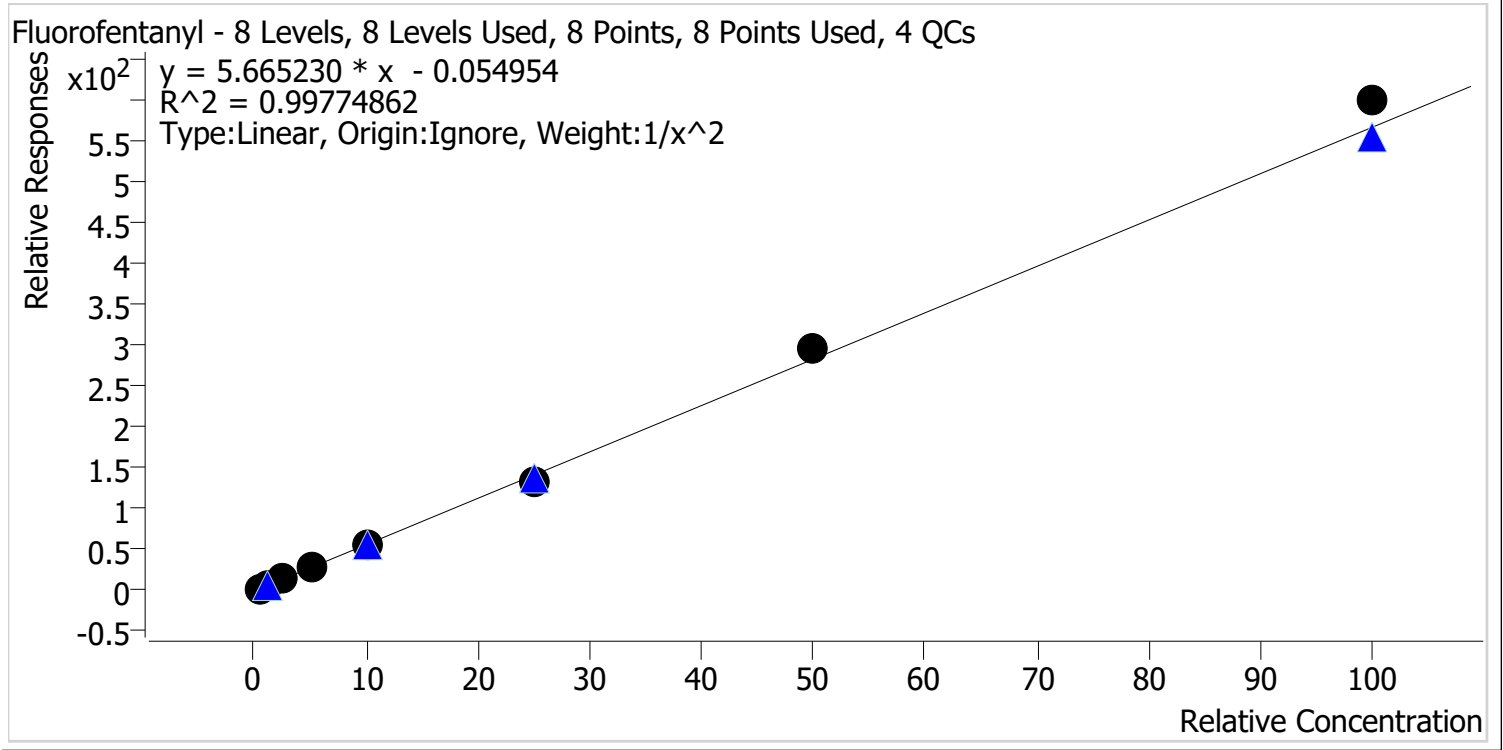
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.4
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	553.2	110.6
p1 Cal 8-1000ng	8	x	1000.0	1298.2	129.8

ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.2
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.2
p1 Cal 4-50ng	4	✓	5.0	4.9	98.2
p1 Cal 5-100ng	5	✓	10.0	10.0	100.0
p1 Cal 6-250ng	6	✓	25.0	23.2	92.8
p1 Cal 7-500ng	7	✓	50.0	52.3	104.6
p1 Cal 8-1000ng	8	✓	100.0	105.8	105.8

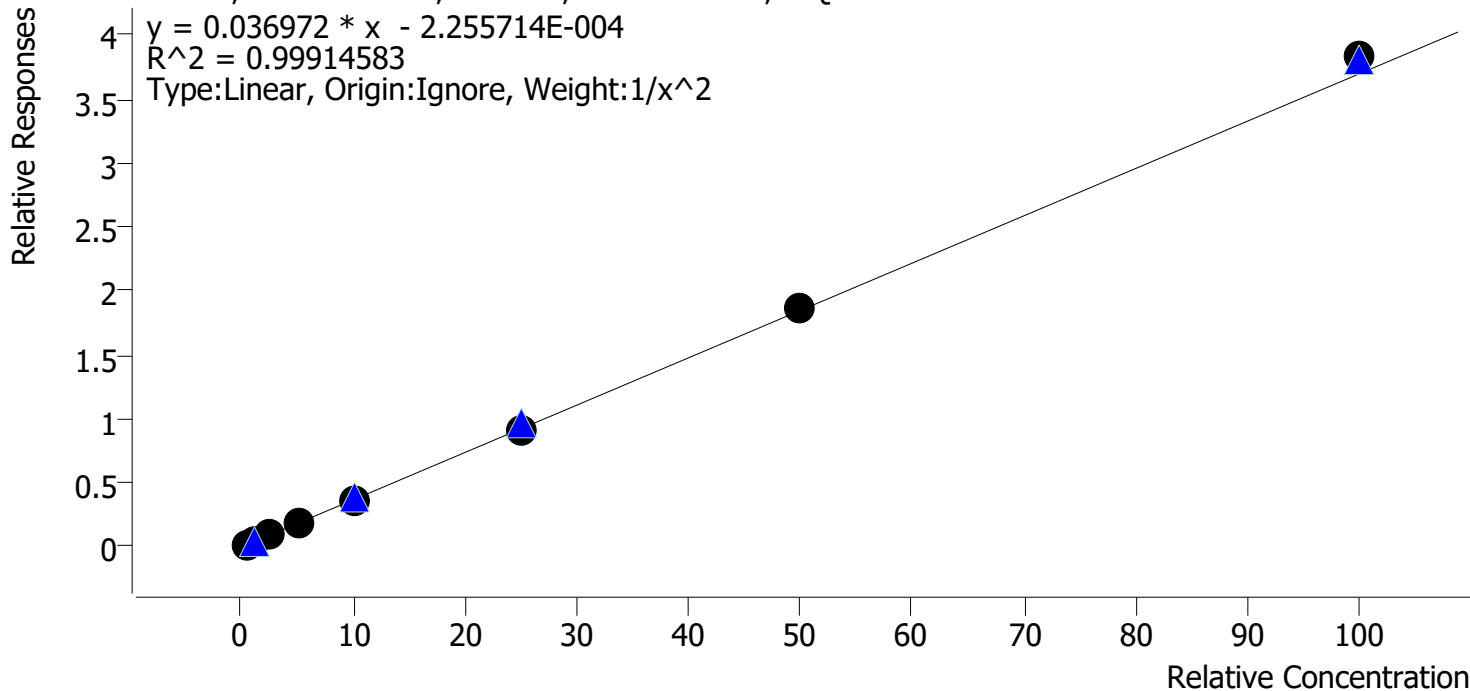
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

6-MAM - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



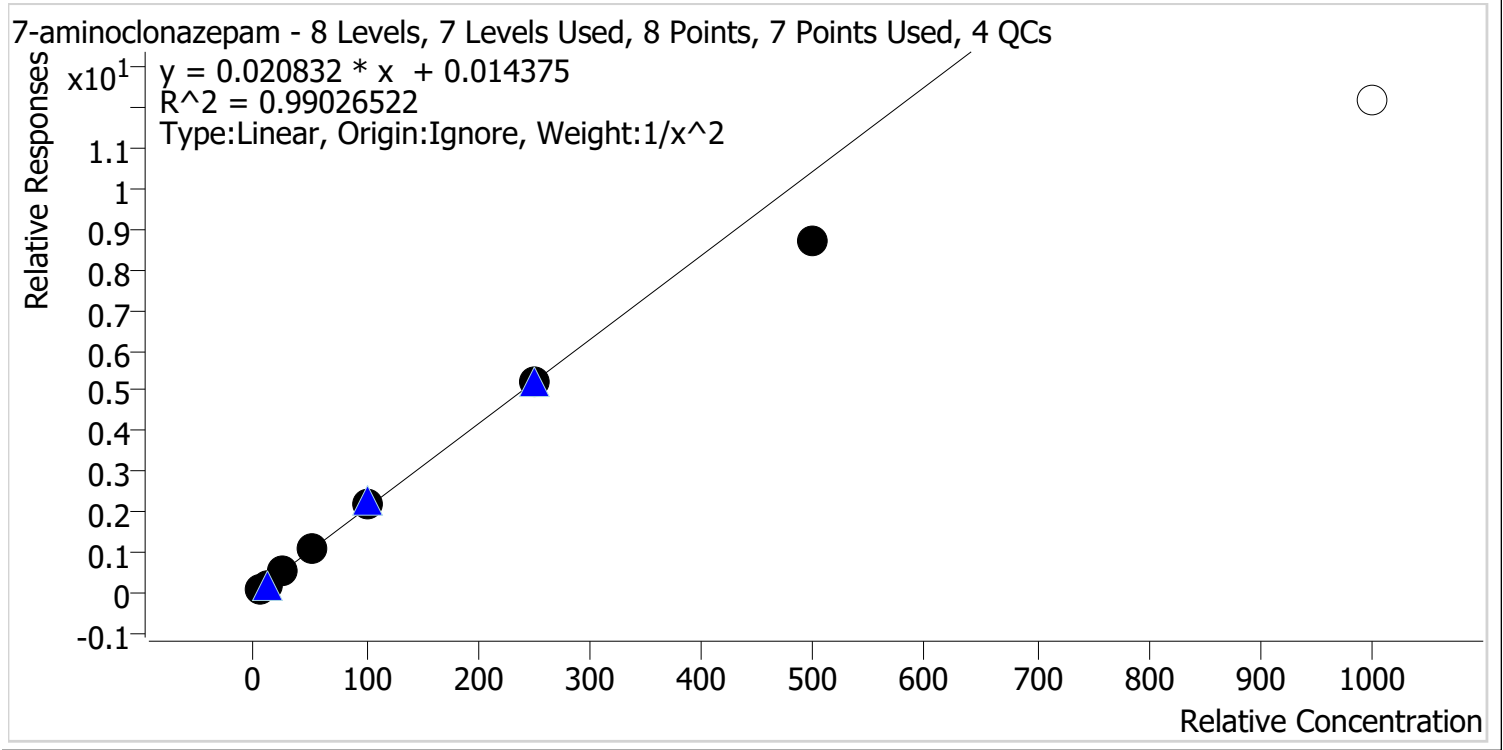
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.3
p1 Cal 2-10ng	2	✓	1.0	1.0	95.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.7
p1 Cal 4-50ng	4	✓	5.0	4.9	98.9
p1 Cal 5-100ng	5	✓	10.0	10.1	100.5
p1 Cal 6-250ng	6	✓	25.0	24.5	97.8
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	103.6	103.6

ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



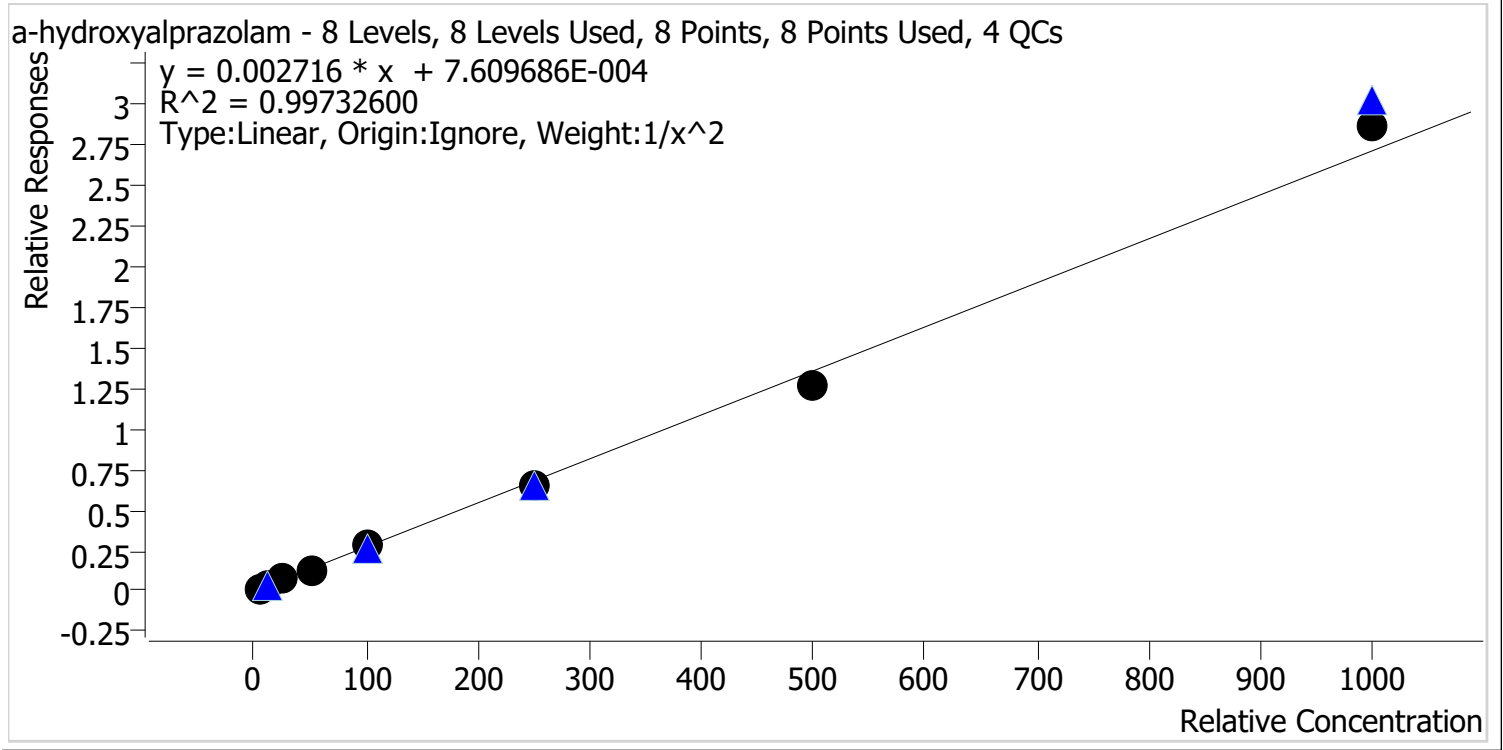
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	415.4	83.1
p1 Cal 8-1000ng	8	✗	1000.0	583.4	58.3

AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	240.4	96.1
p1 Cal 7-500ng	7	✓	500.0	467.5	93.5
p1 Cal 8-1000ng	8	✓	1000.0	1060.4	106.0

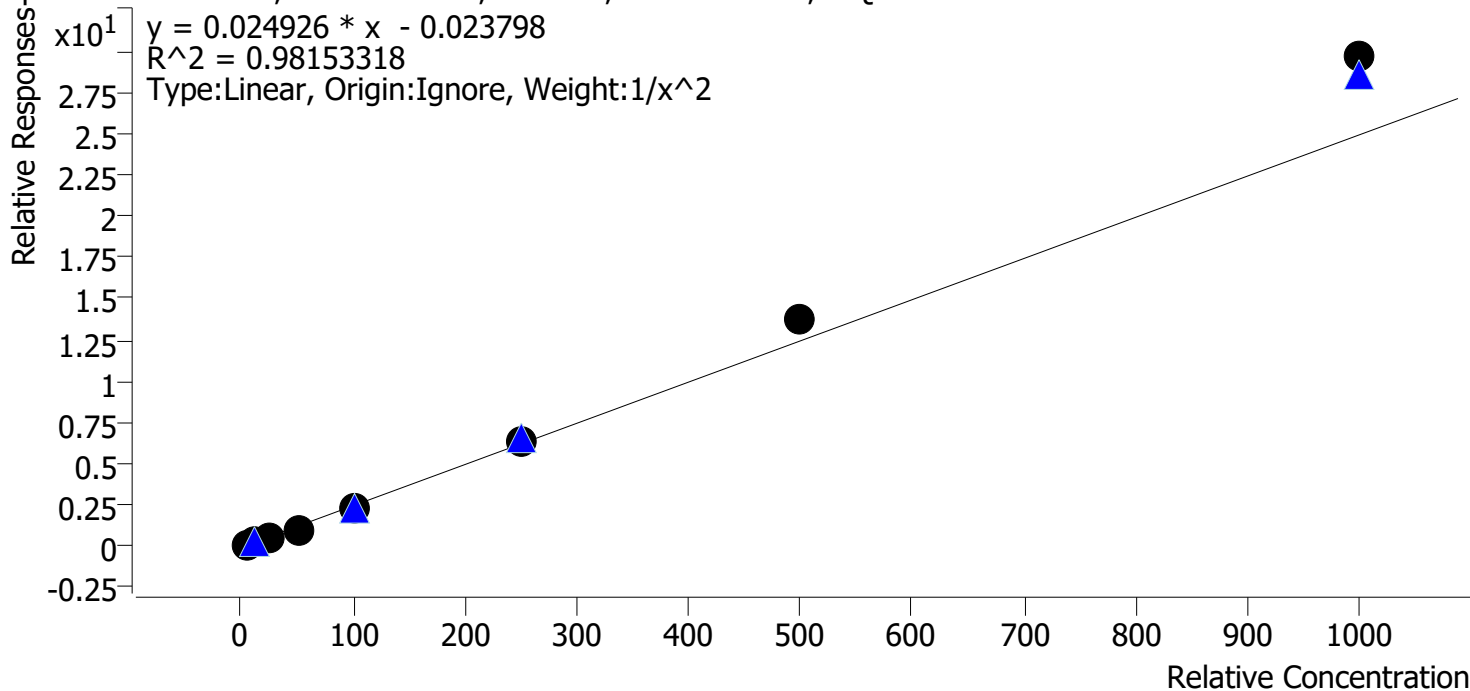
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

alpha-PVP - 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	5.3	107.0
p1 Cal 2-10ng	2	✓	10.0	9.4	93.6
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.6
p1 Cal 4-50ng	4	✓	50.0	41.9	83.8
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	554.0	110.8
p1 Cal 8-1000ng	8	✓	1000.0	1190.1	119.0

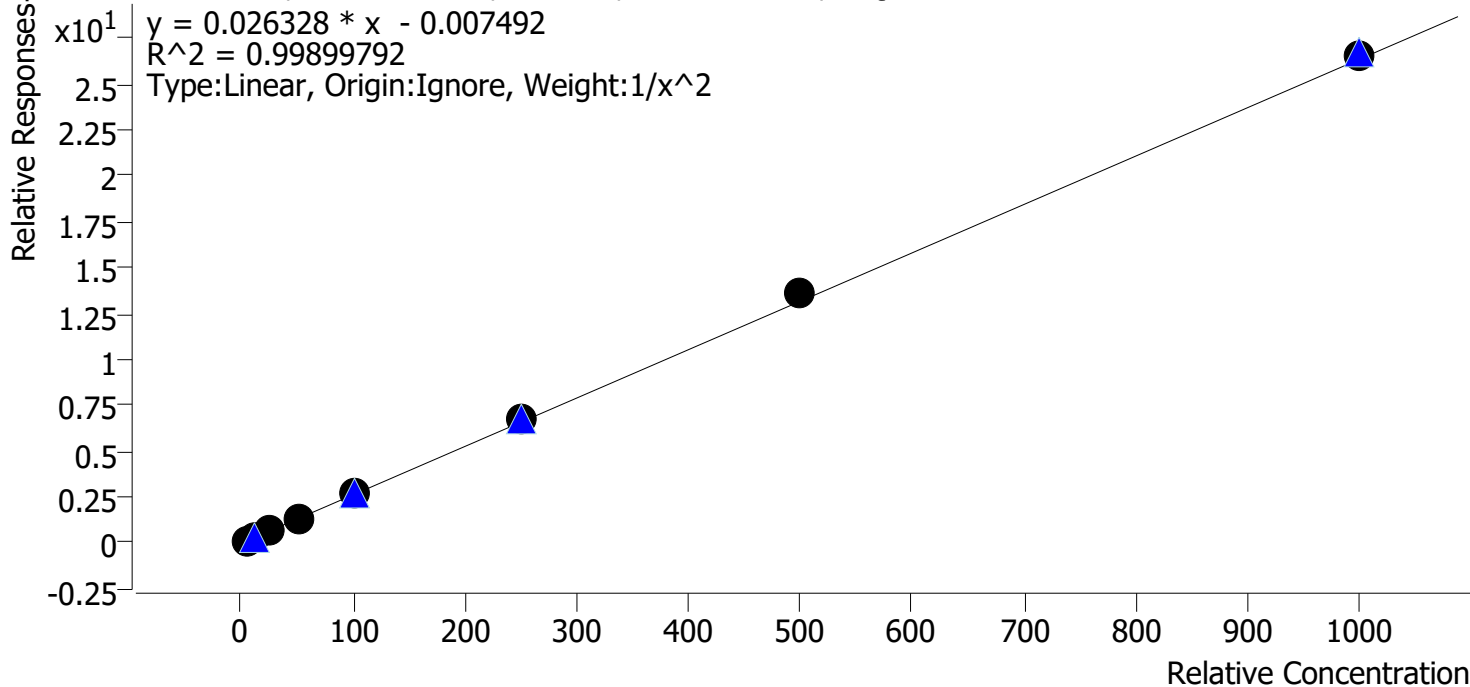
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



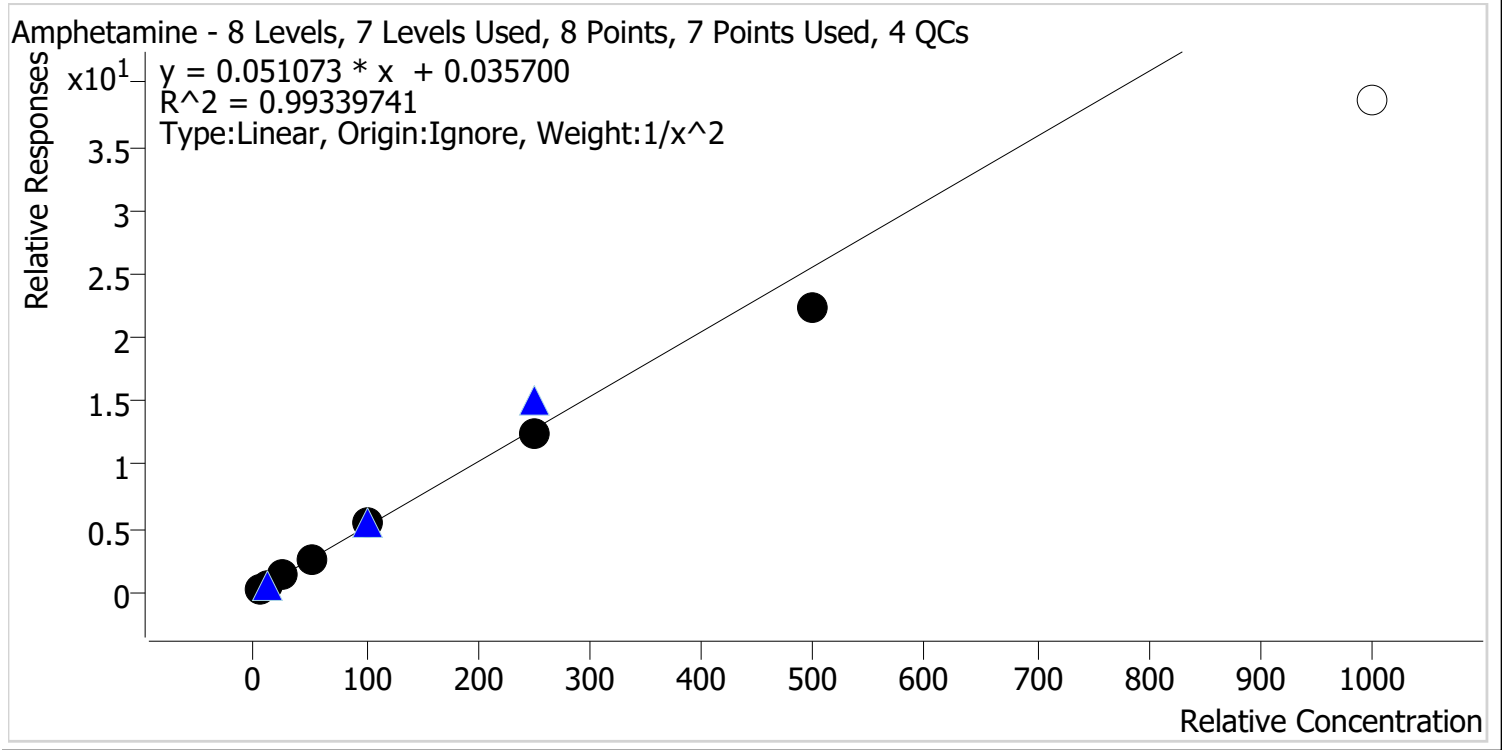
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1010.6	101.1

ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



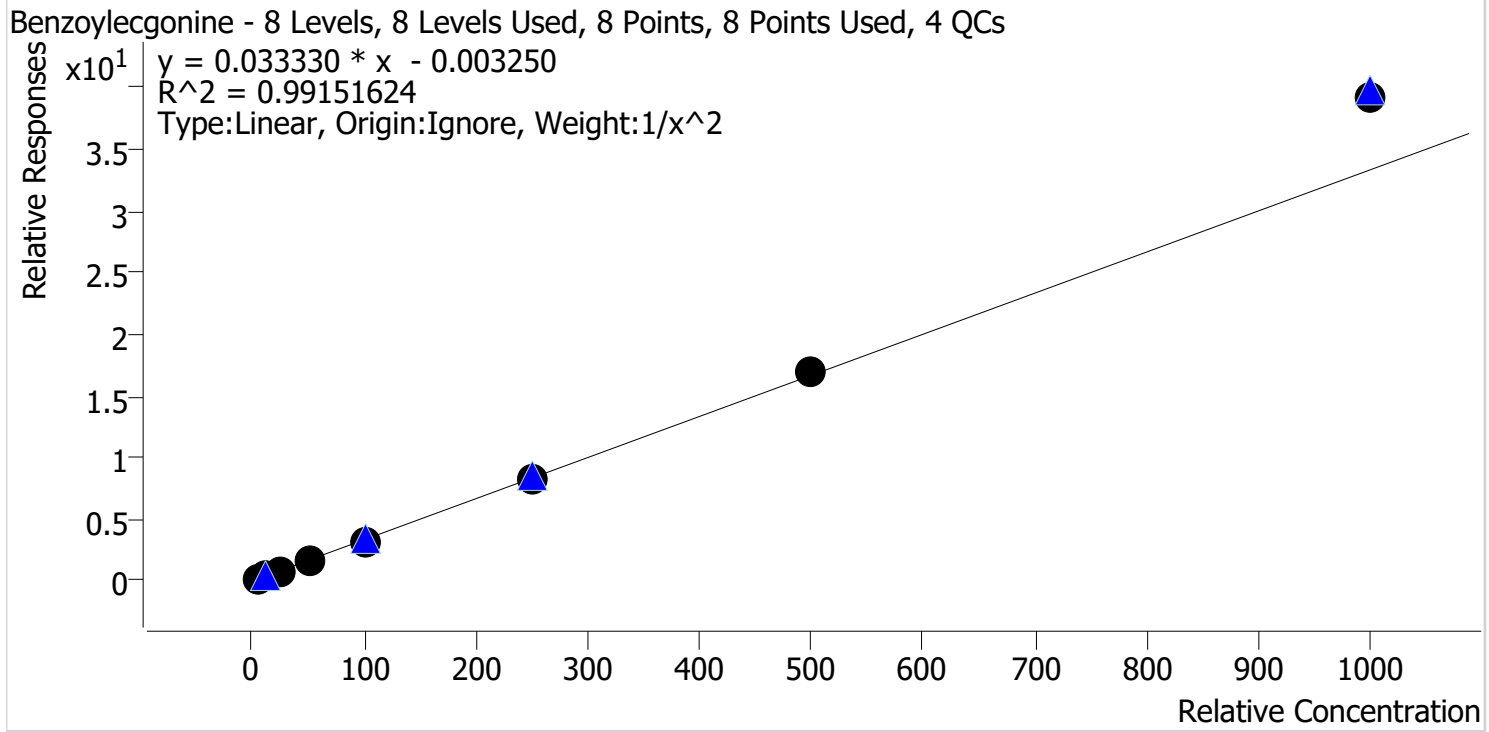
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	109.1	109.1
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	437.3	87.5
p1 Cal 8-1000ng	8	✗	1000.0	755.2	75.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



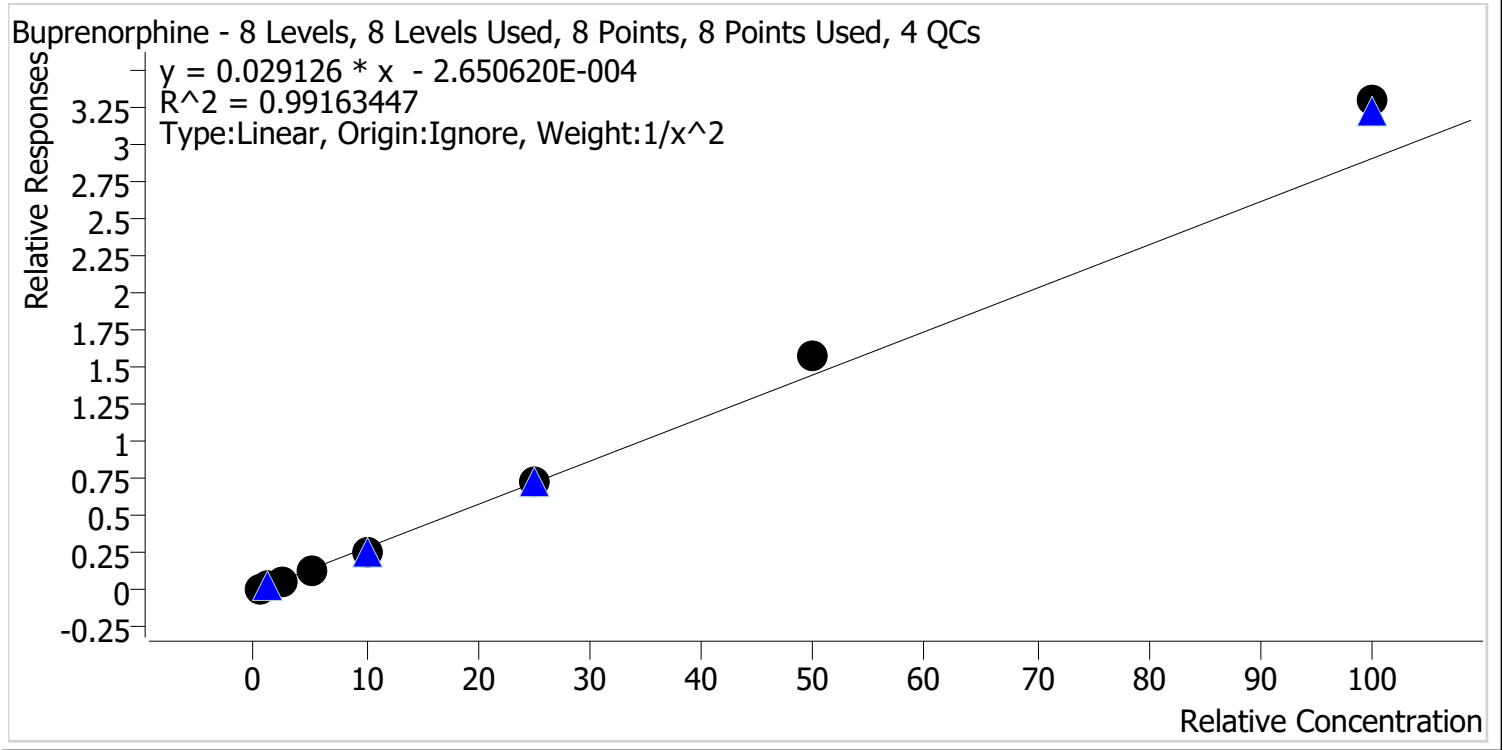
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1173.4	117.3

AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



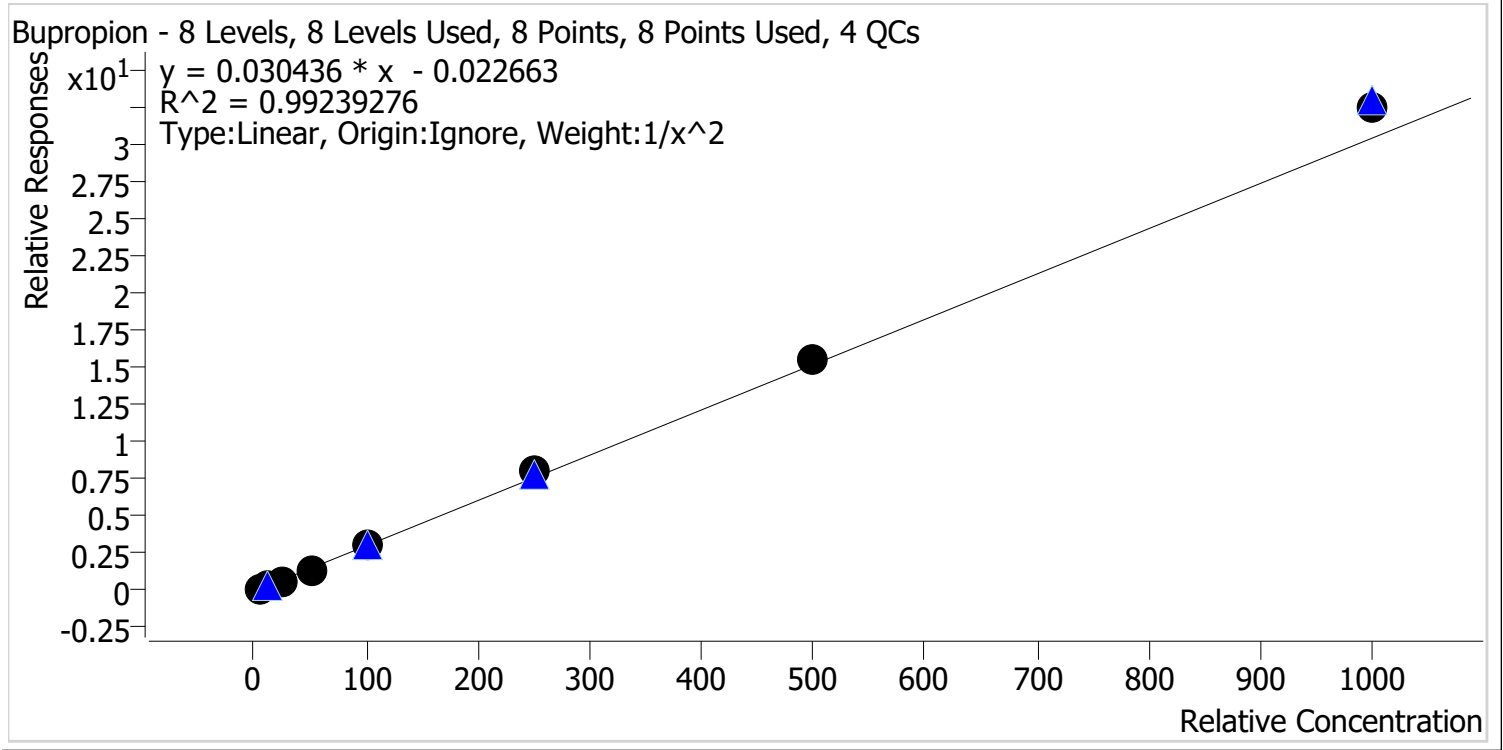
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.2
p1 Cal 2-10ng	2	✓	1.0	0.9	94.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.3
p1 Cal 4-50ng	4	✓	5.0	4.7	93.4
p1 Cal 5-100ng	5	✓	10.0	9.4	93.8
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	54.0	108.1
p1 Cal 8-1000ng	8	✓	100.0	113.4	113.4

AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	5.3	105.7
p1 Cal 2-10ng	2	✓	10.0	9.4	93.8
p1 Cal 3 -25ng	3	✓	25.0	22.5	90.1
p1 Cal 4-50ng	4	✓	50.0	44.8	89.6
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	268.4	107.3
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1071.6	107.2

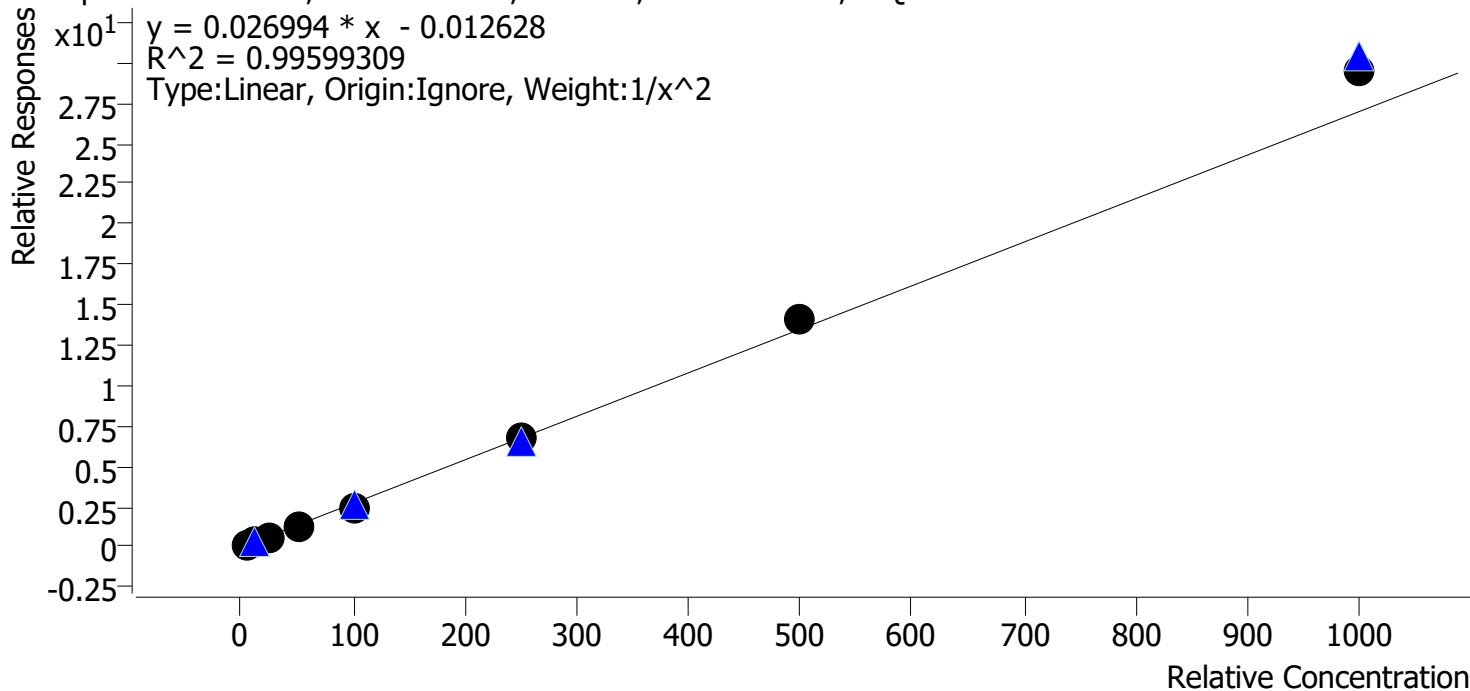
ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



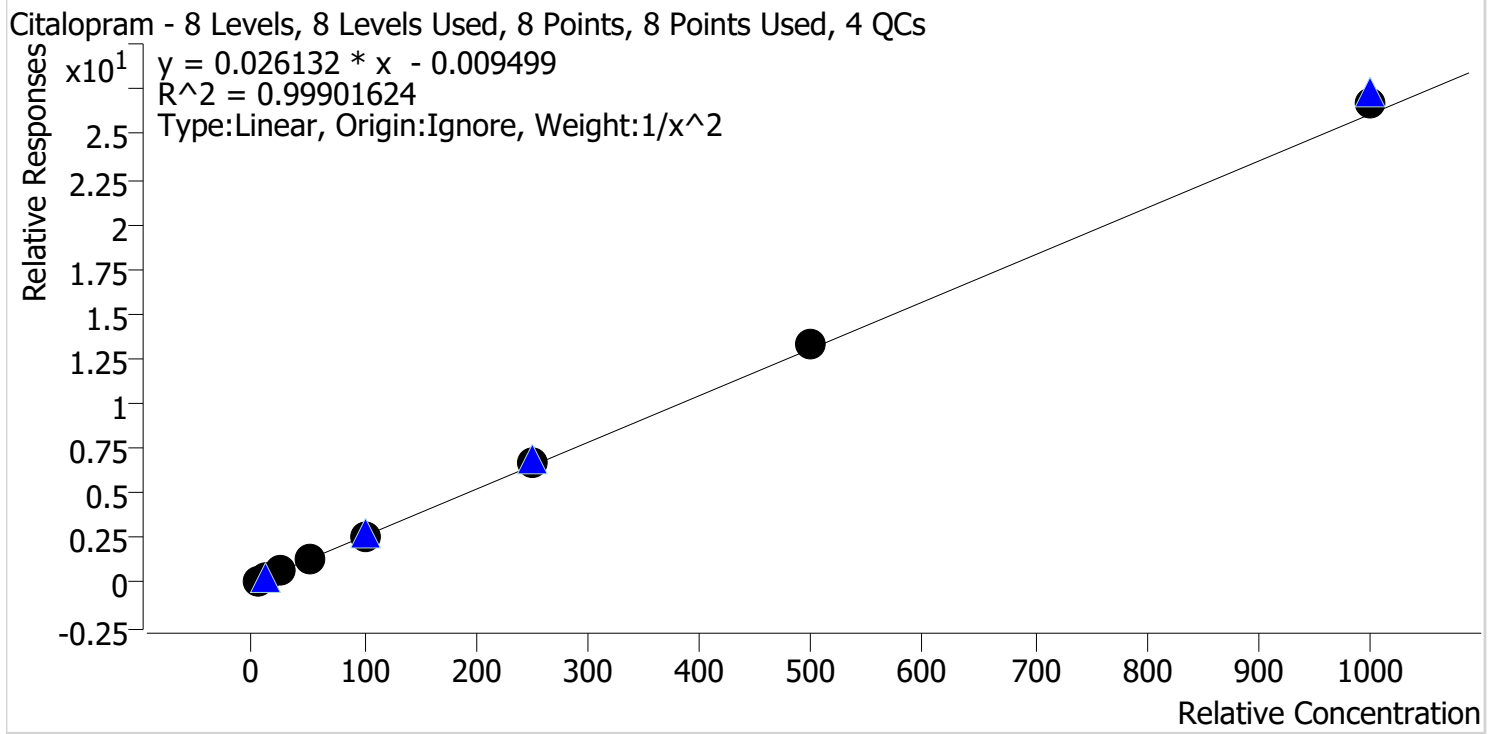
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	92.5	92.5
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	521.4	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1095.5	109.5

ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



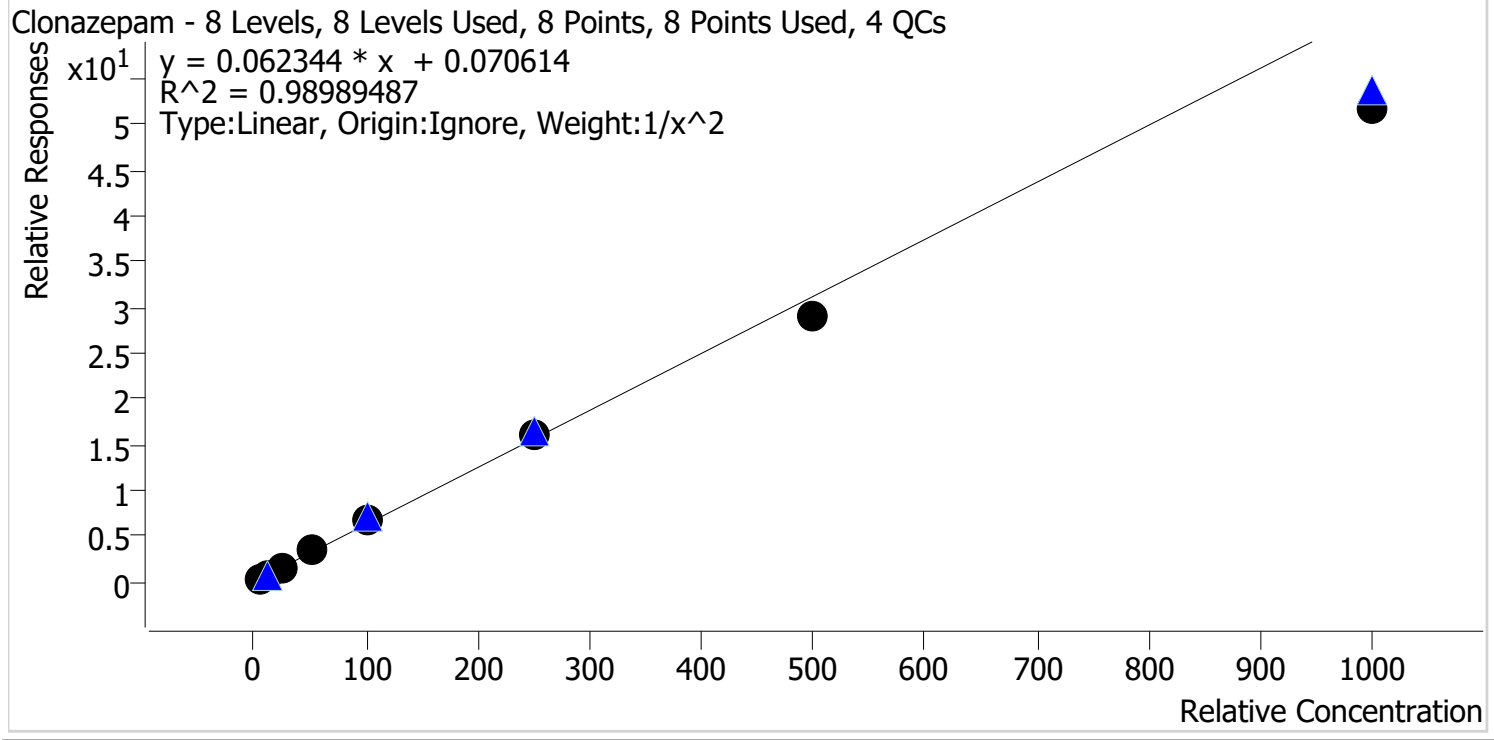
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1026.6	102.7

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	467.0	93.4
p1 Cal 8-1000ng	8	✓	1000.0	829.7	83.0

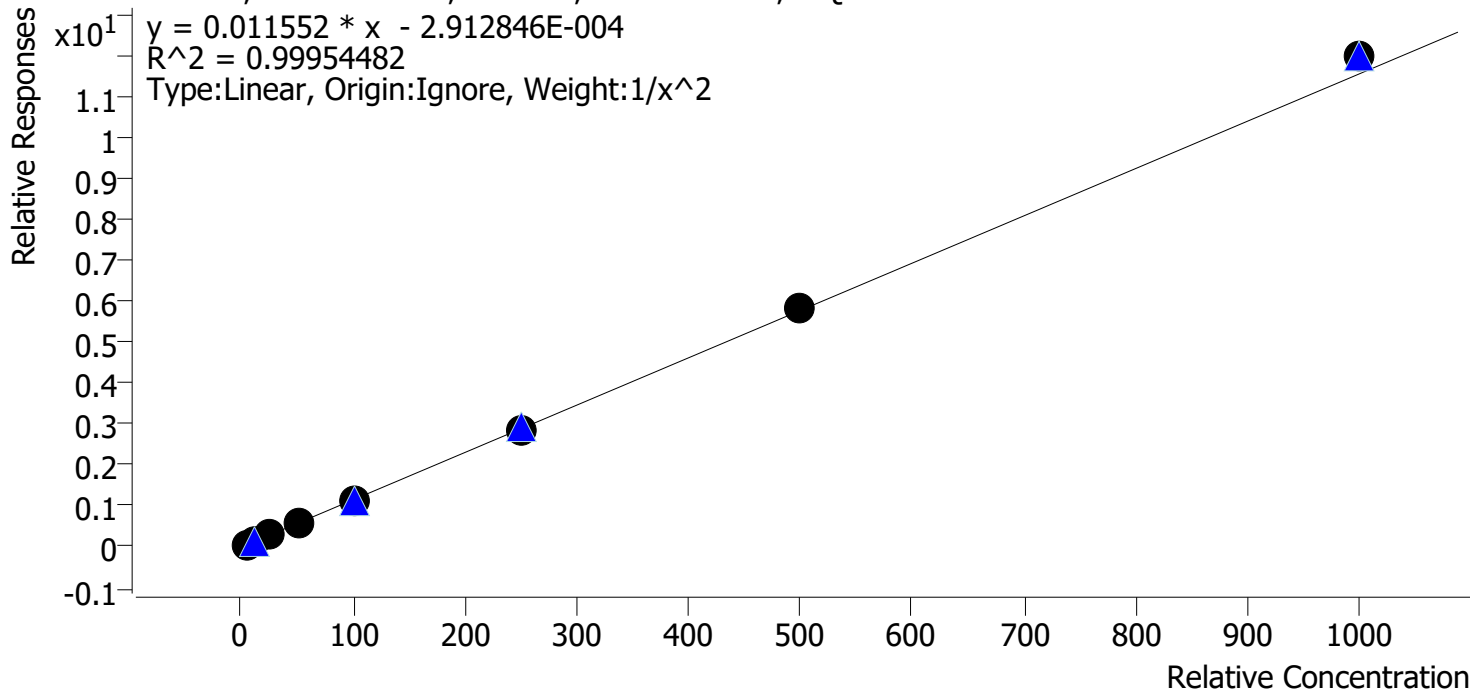
ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

Cocaine - 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	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1036.6	103.7

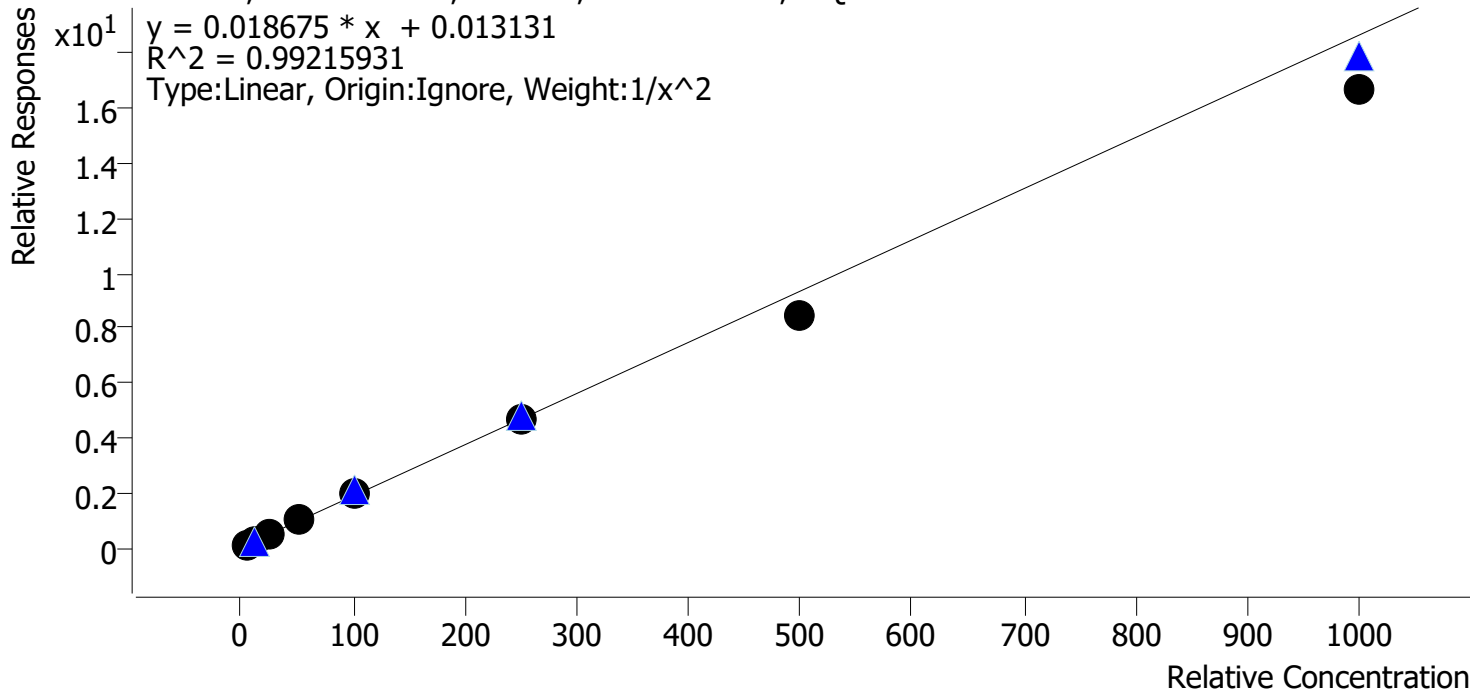
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	455.8	91.2
p1 Cal 8-1000ng	8	✓	1000.0	890.9	89.1

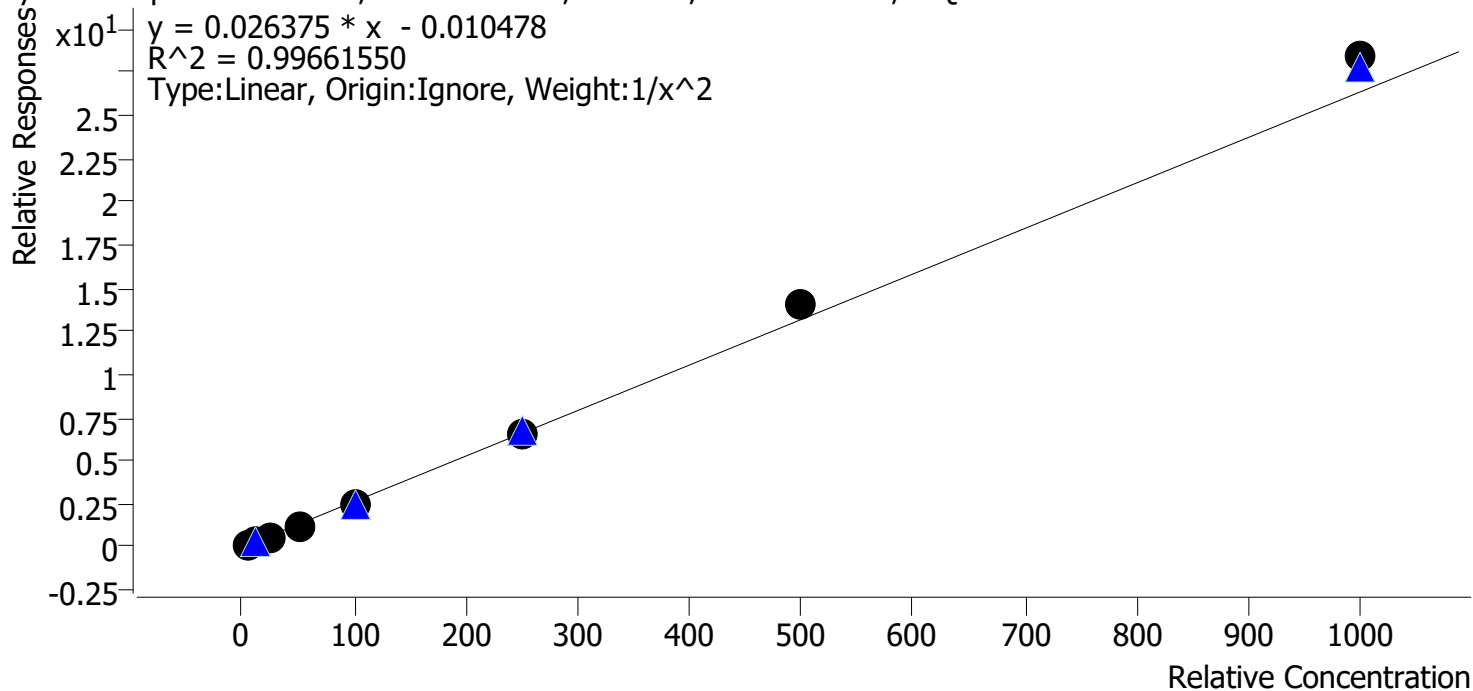
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 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	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	530.2	106.0
p1 Cal 8-1000ng	8	✓	1000.0	1077.6	107.8

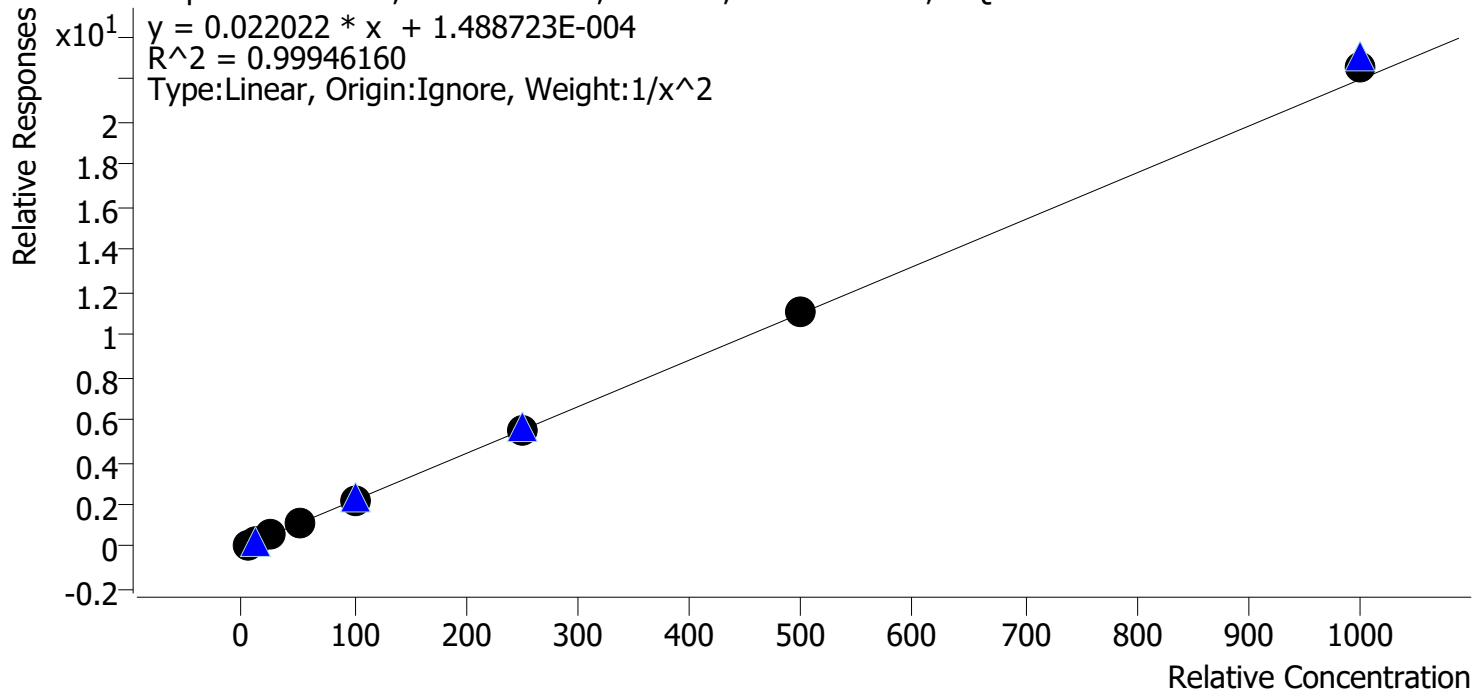
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	506.0	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1024.4	102.4

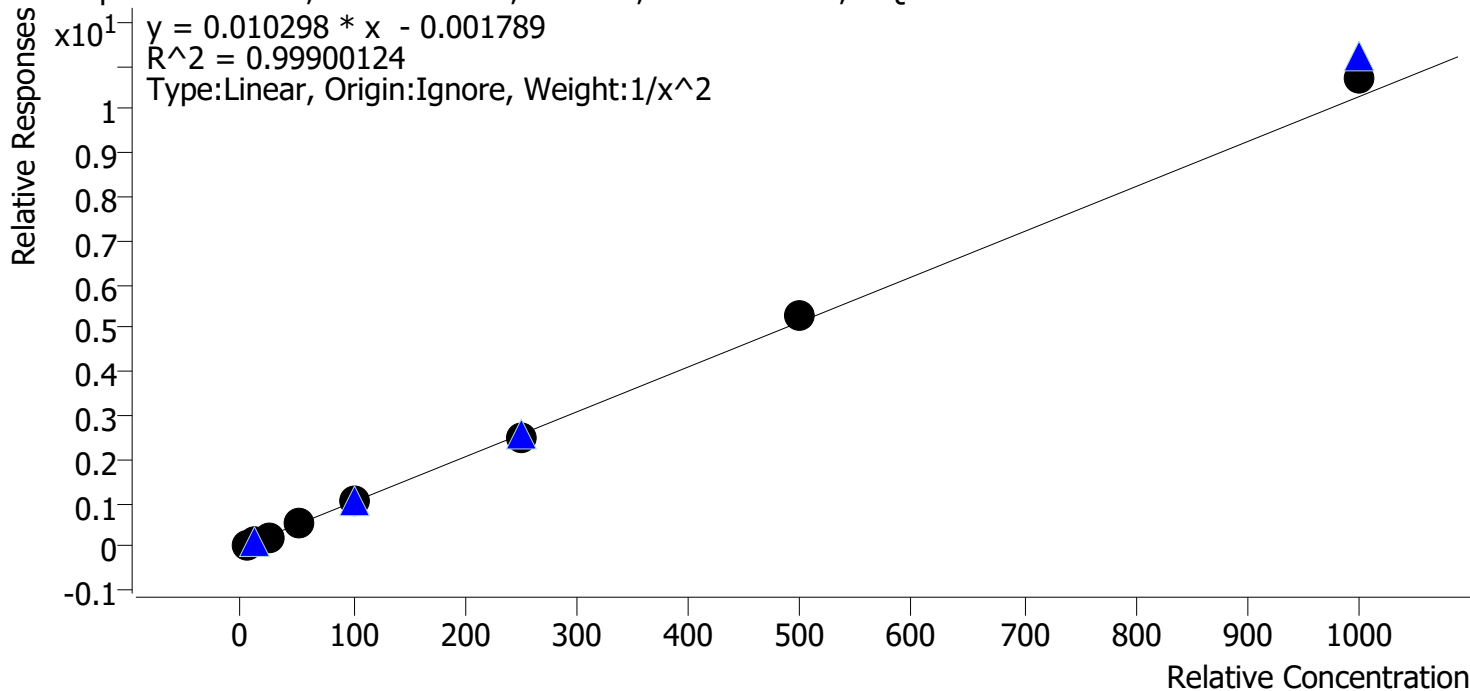
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Dextrophan Internal Standard Dextrophan-D3

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



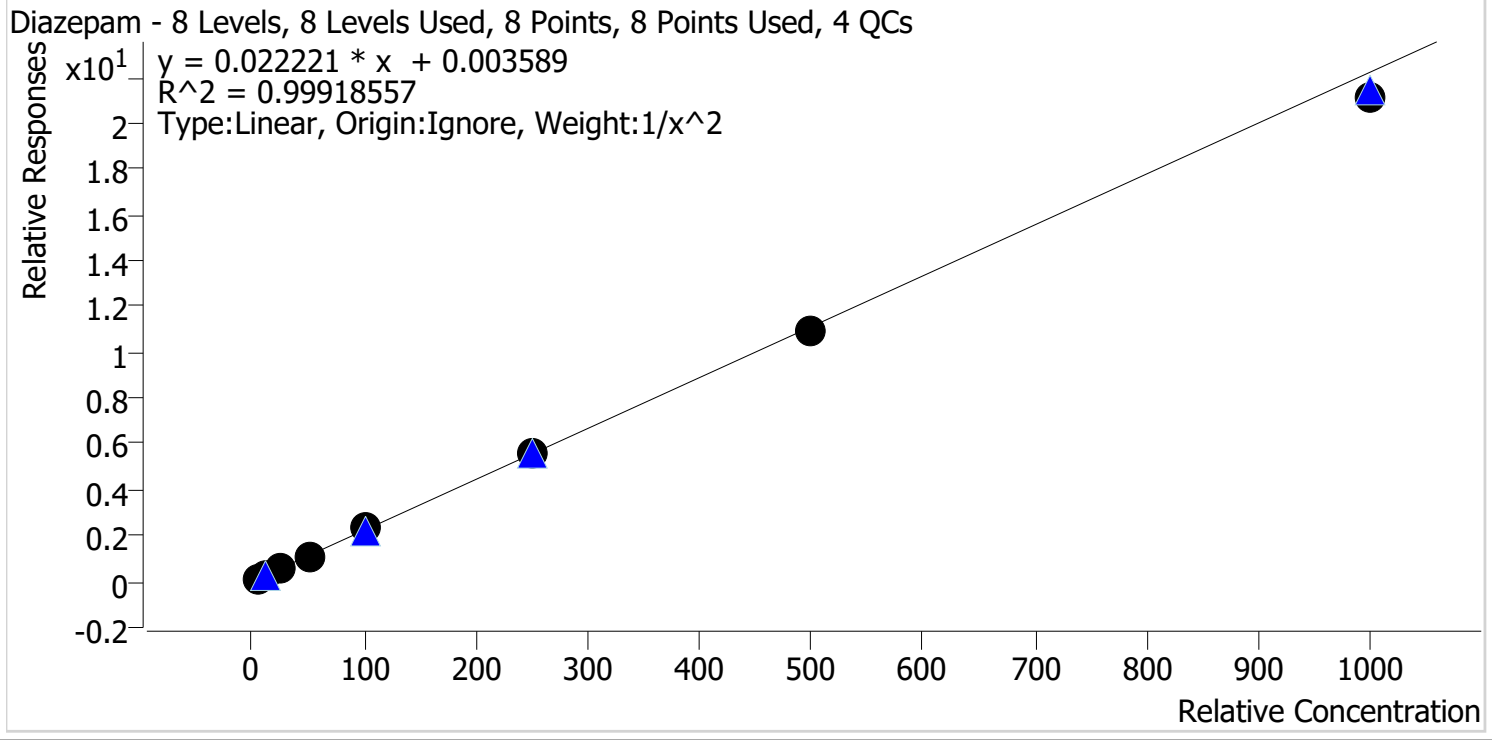
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1040.2	104.0

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



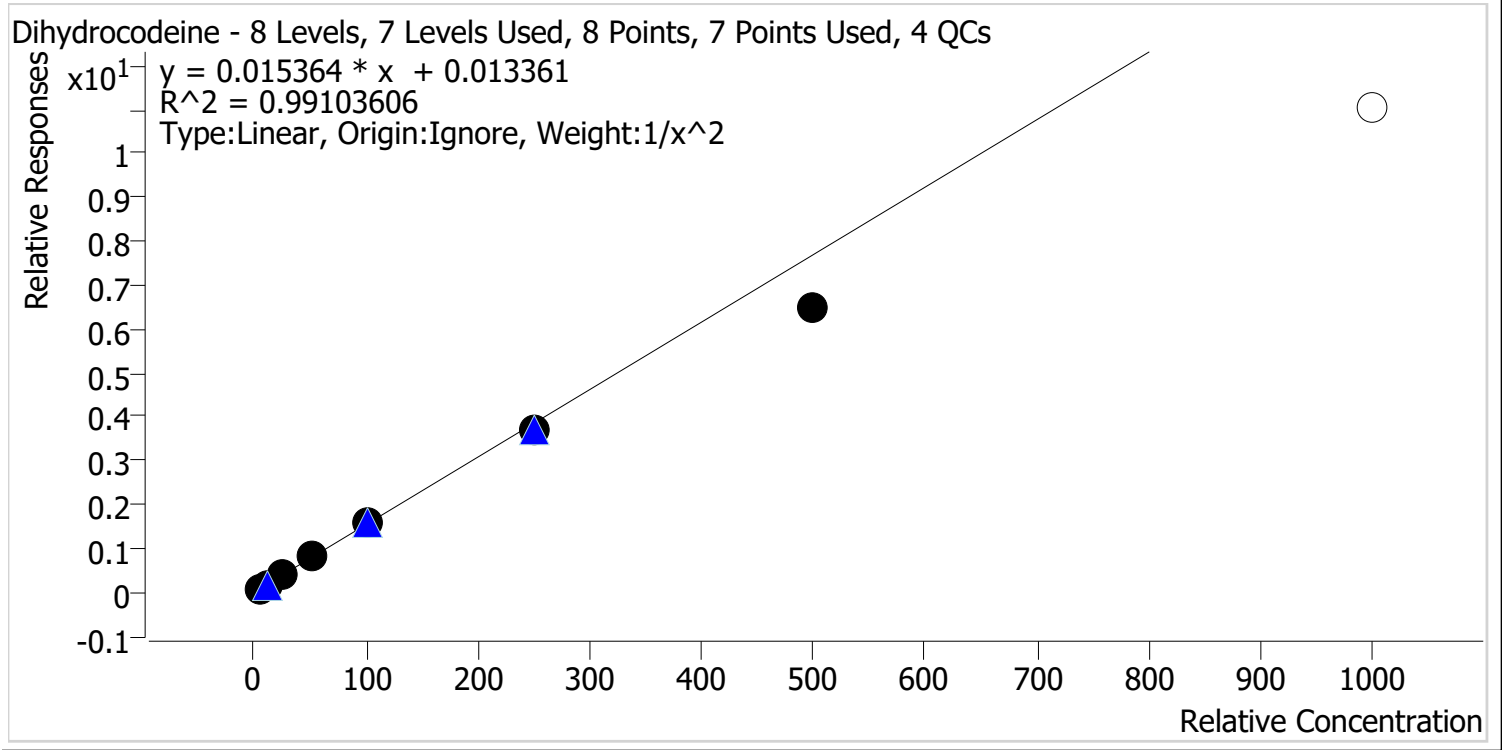
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	493.1	98.6
p1 Cal 8-1000ng	8	✓	1000.0	950.8	95.1

AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	424.1	84.8
p1 Cal 8-1000ng	8	✗	1000.0	718.0	71.8

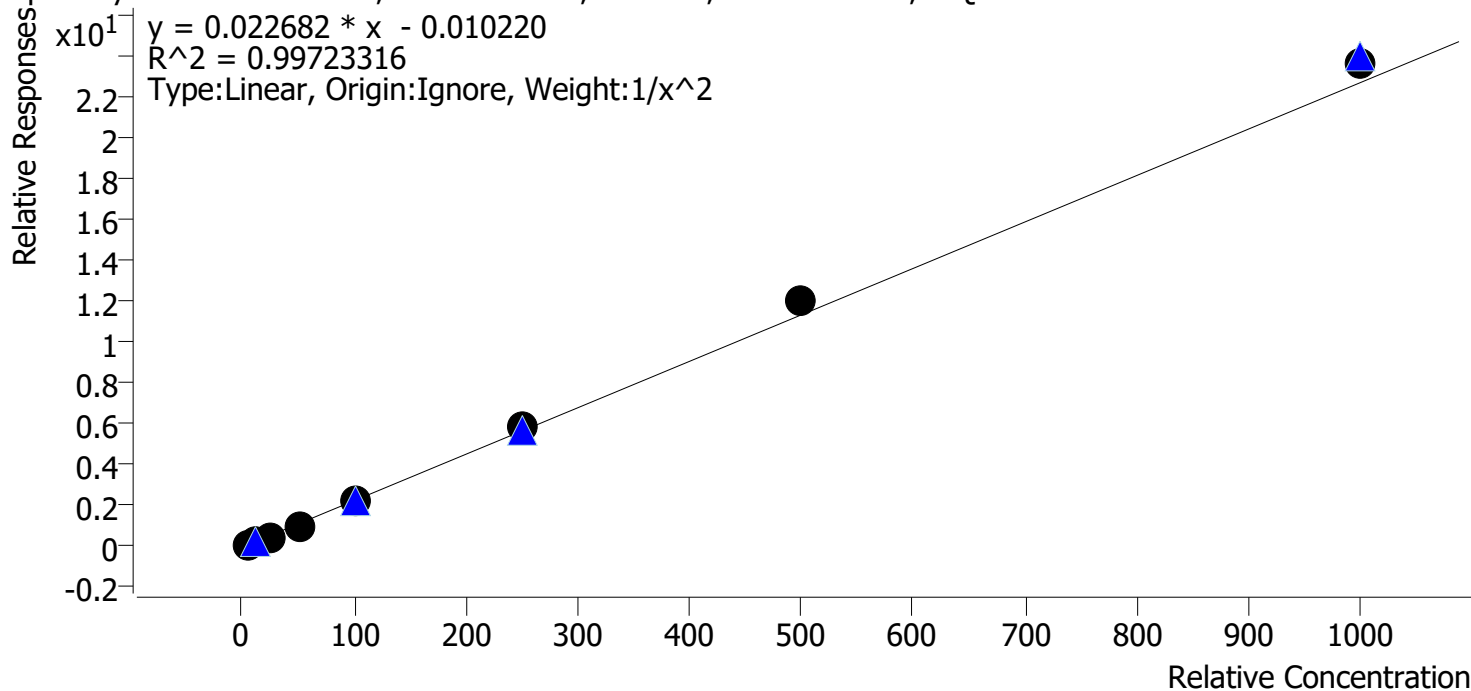
ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



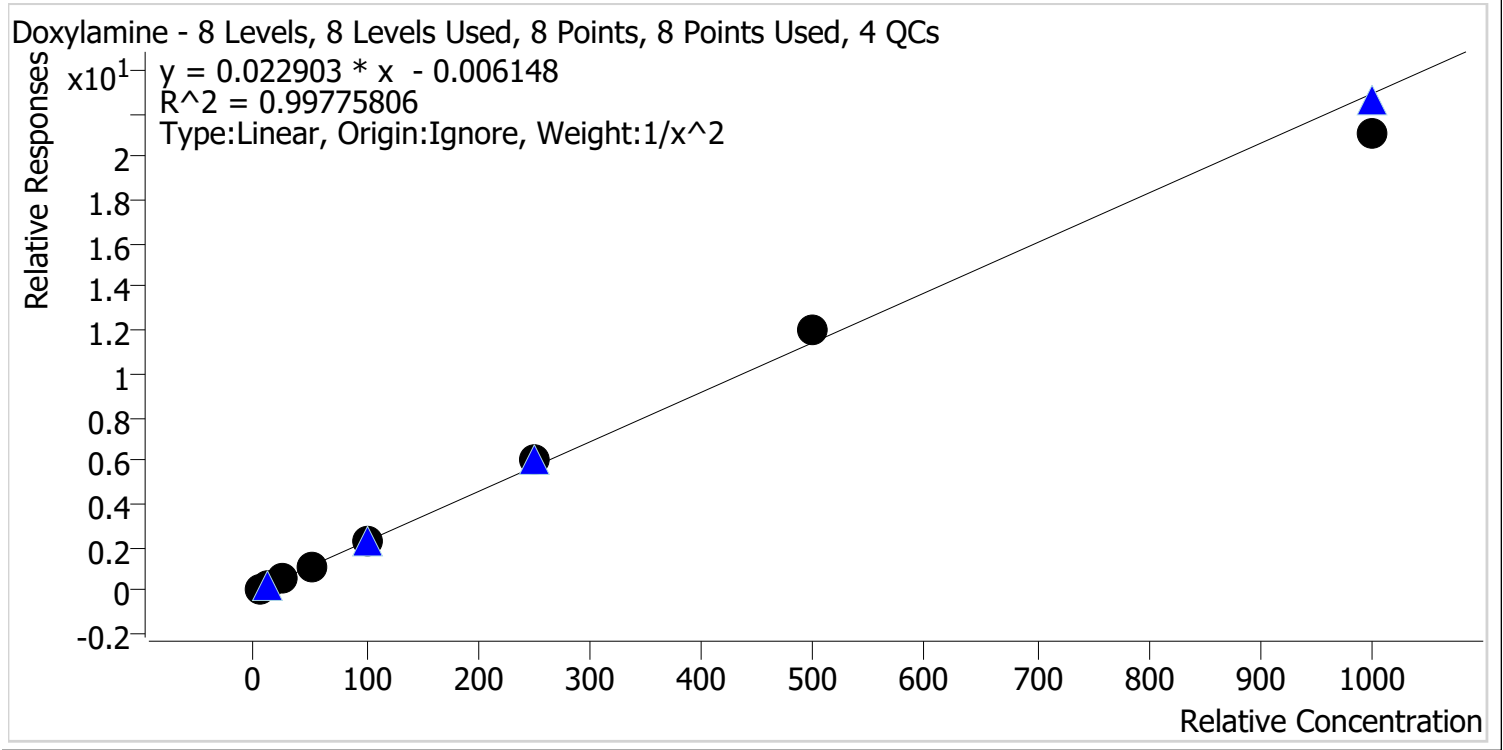
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1044.5	104.4

ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	527.9	105.6
p1 Cal 8-1000ng	8	✓	1000.0	923.0	92.3

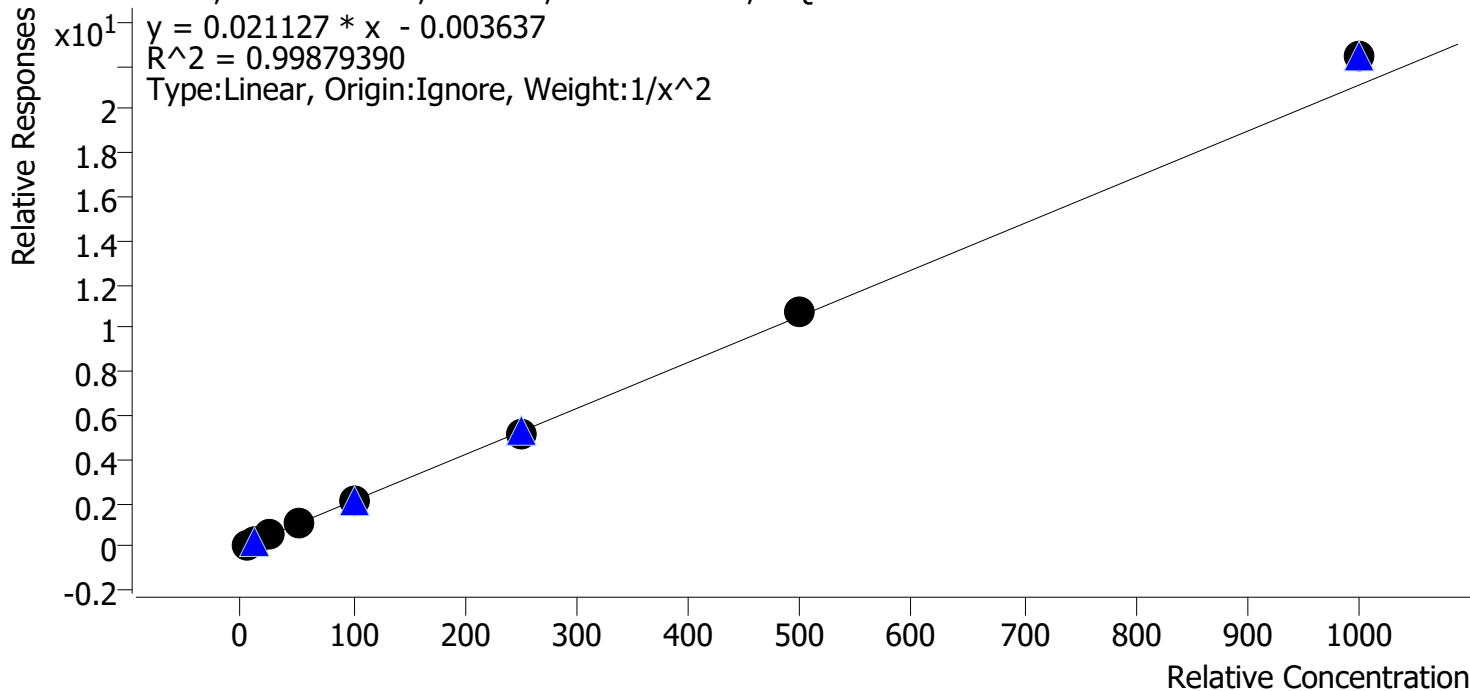
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1059.7	106.0

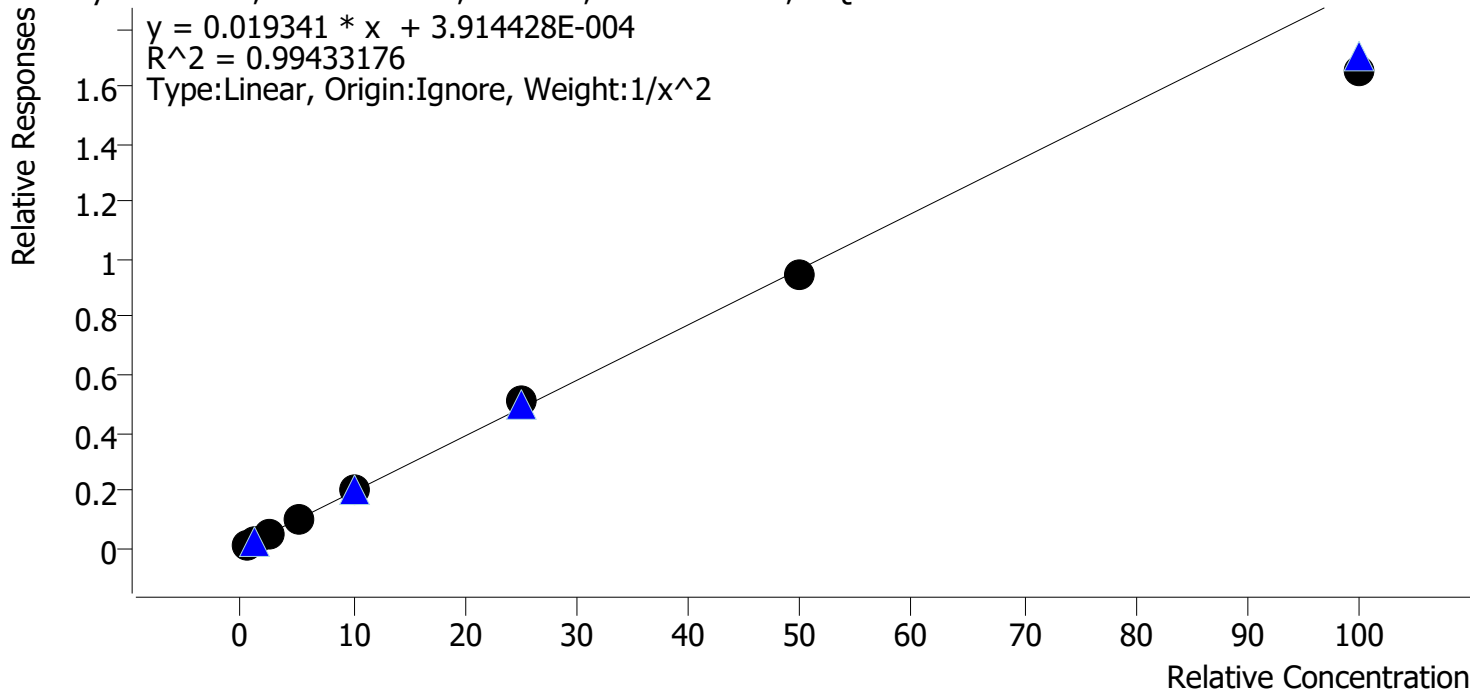
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



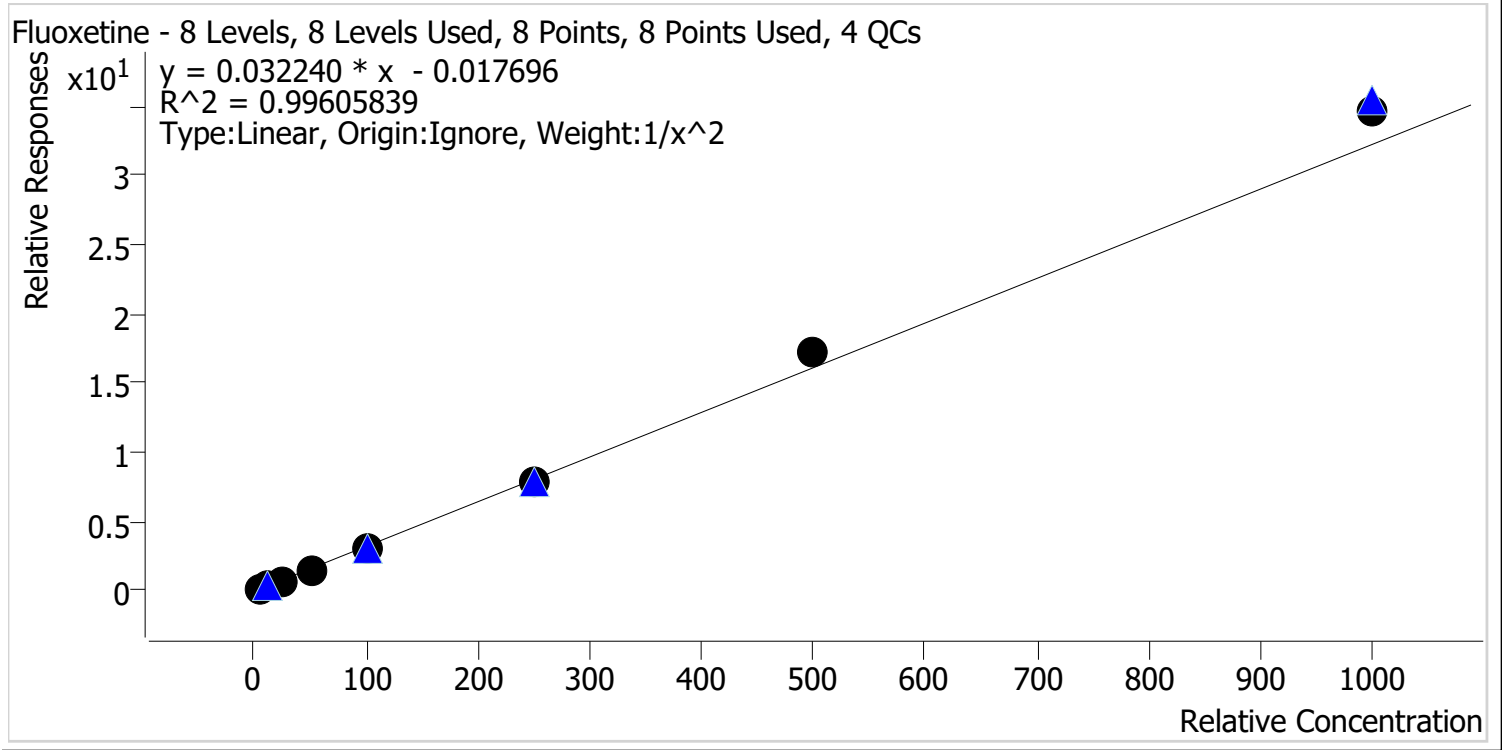
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.3
p1 Cal 2-10ng	2	✓	1.0	1.0	100.2
p1 Cal 3 -25ng	3	✓	2.5	2.6	105.0
p1 Cal 4-50ng	4	✓	5.0	5.2	103.9
p1 Cal 5-100ng	5	✓	10.0	10.5	104.8
p1 Cal 6-250ng	6	✓	25.0	26.2	104.7
p1 Cal 7-500ng	7	✓	50.0	48.8	97.5
p1 Cal 8-1000ng	8	✓	100.0	85.6	85.6

ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



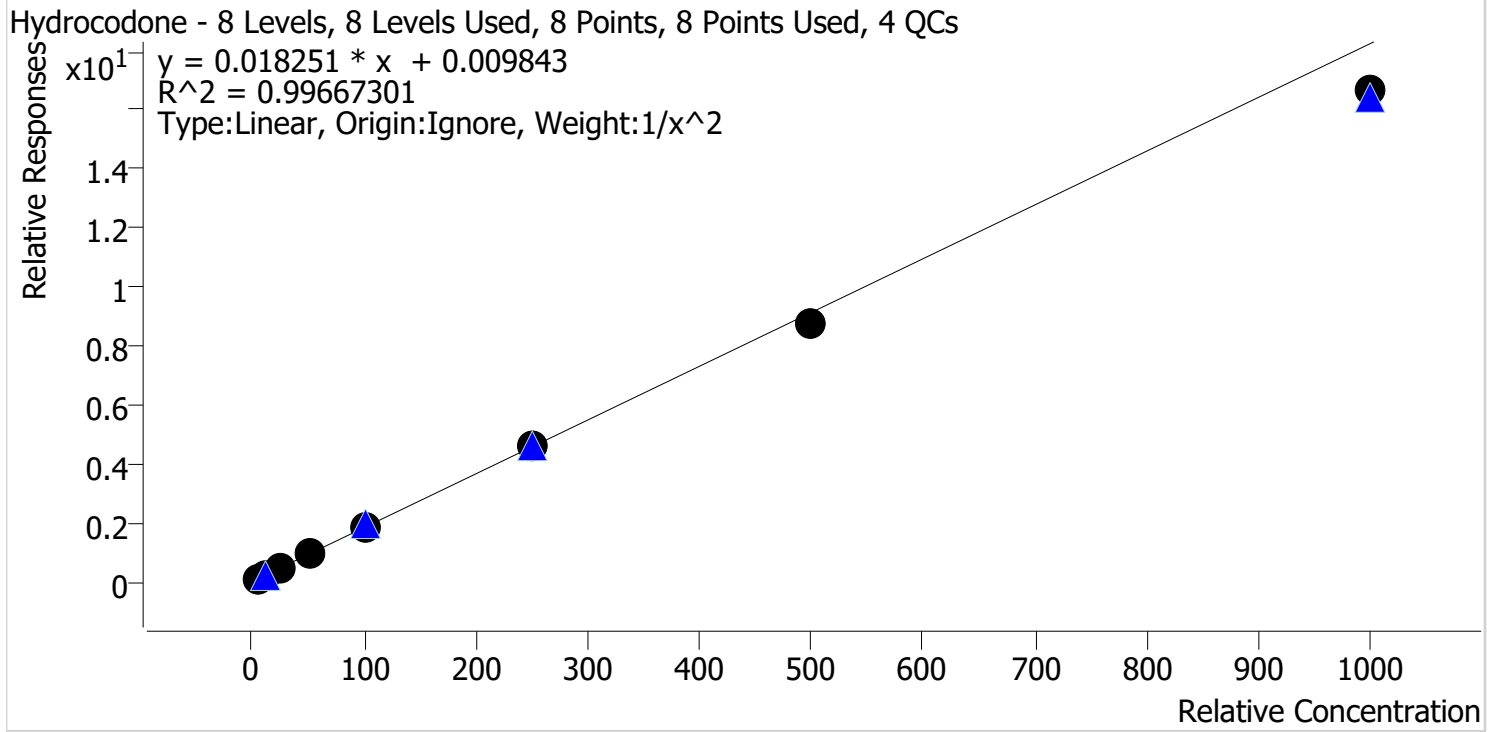
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	46.7	93.3
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	537.4	107.5
p1 Cal 8-1000ng	8	✓	1000.0	1077.0	107.7

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	481.9	96.4
p1 Cal 8-1000ng	8	✓	1000.0	912.6	91.3

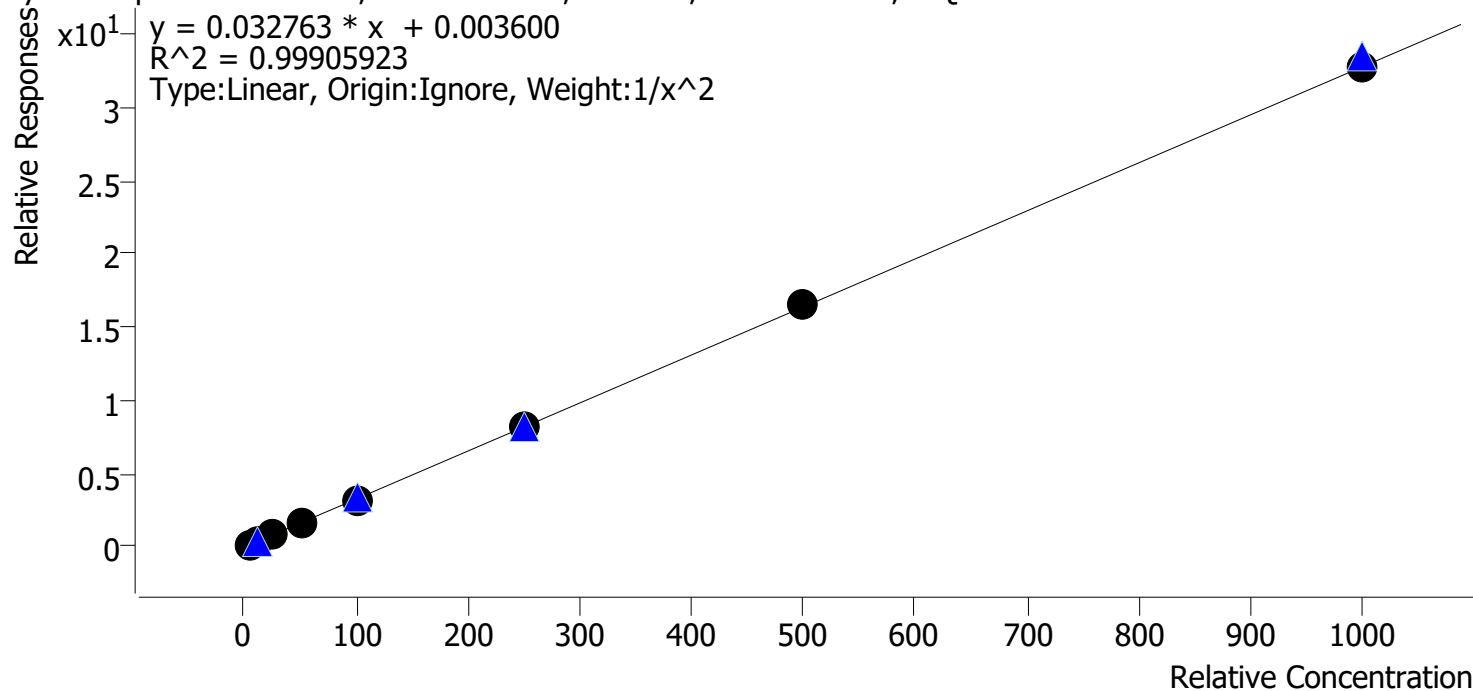
ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



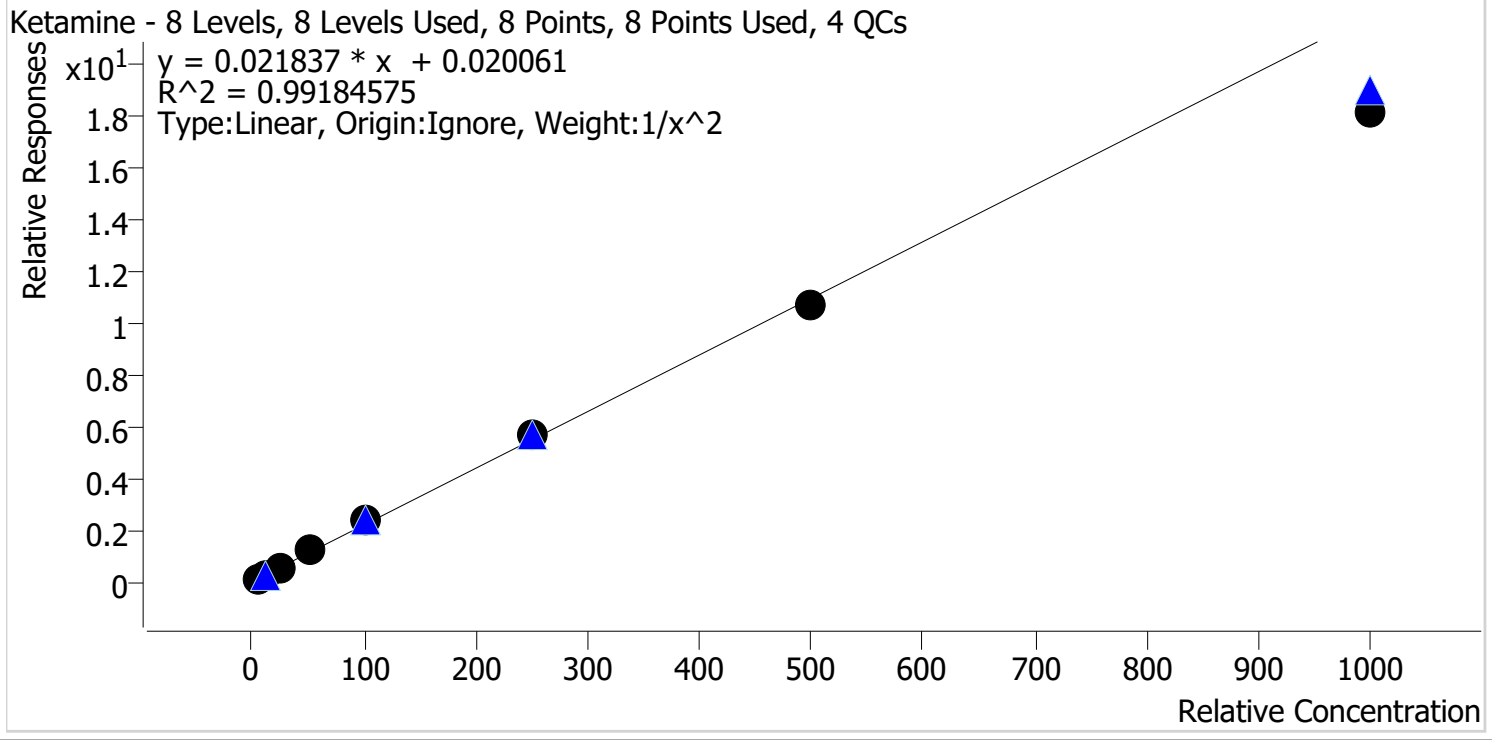
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1002.2	100.2

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



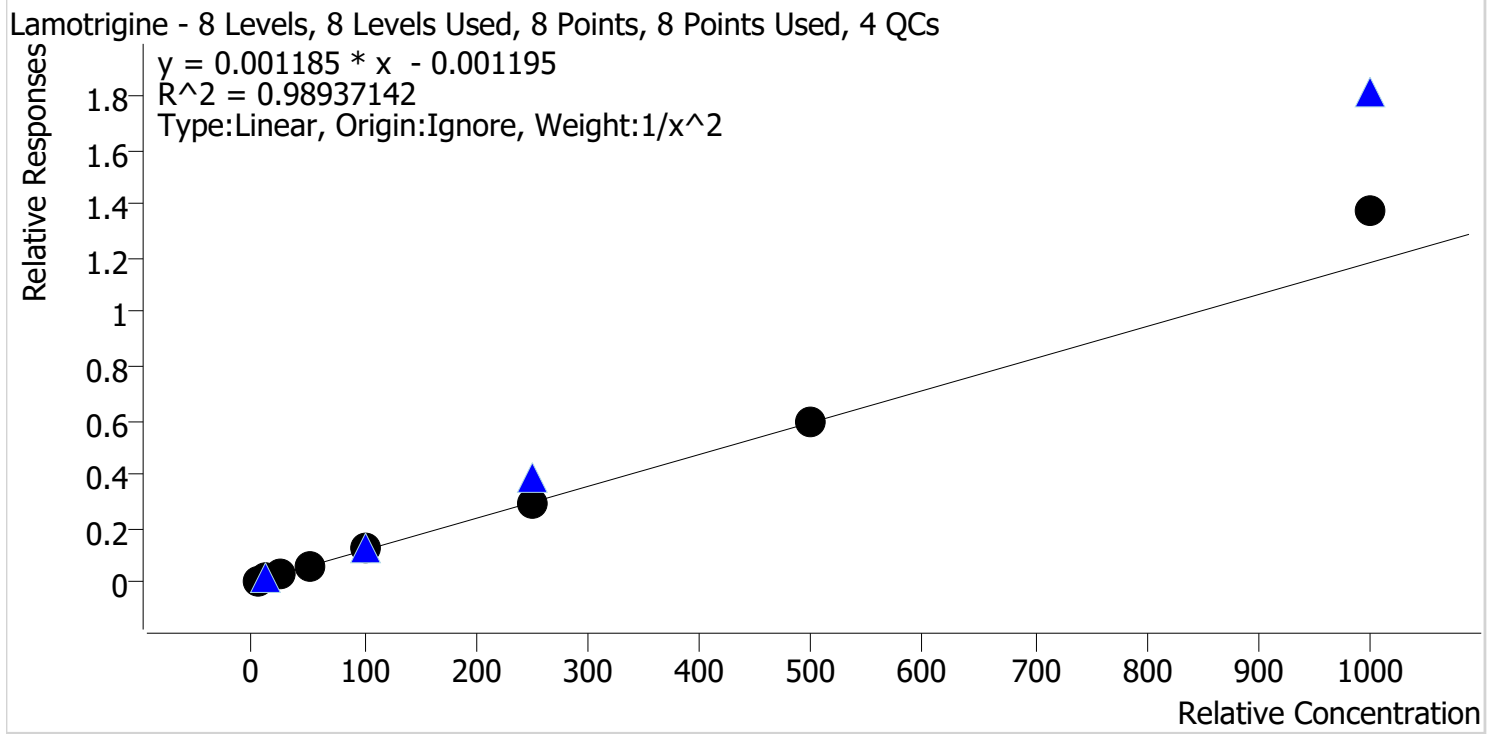
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	488.1	97.6
p1 Cal 8-1000ng	8	✓	1000.0	828.3	82.8

ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	21.5	85.9
p1 Cal 4-50ng	4	✓	50.0	45.4	90.7
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1157.7	115.8

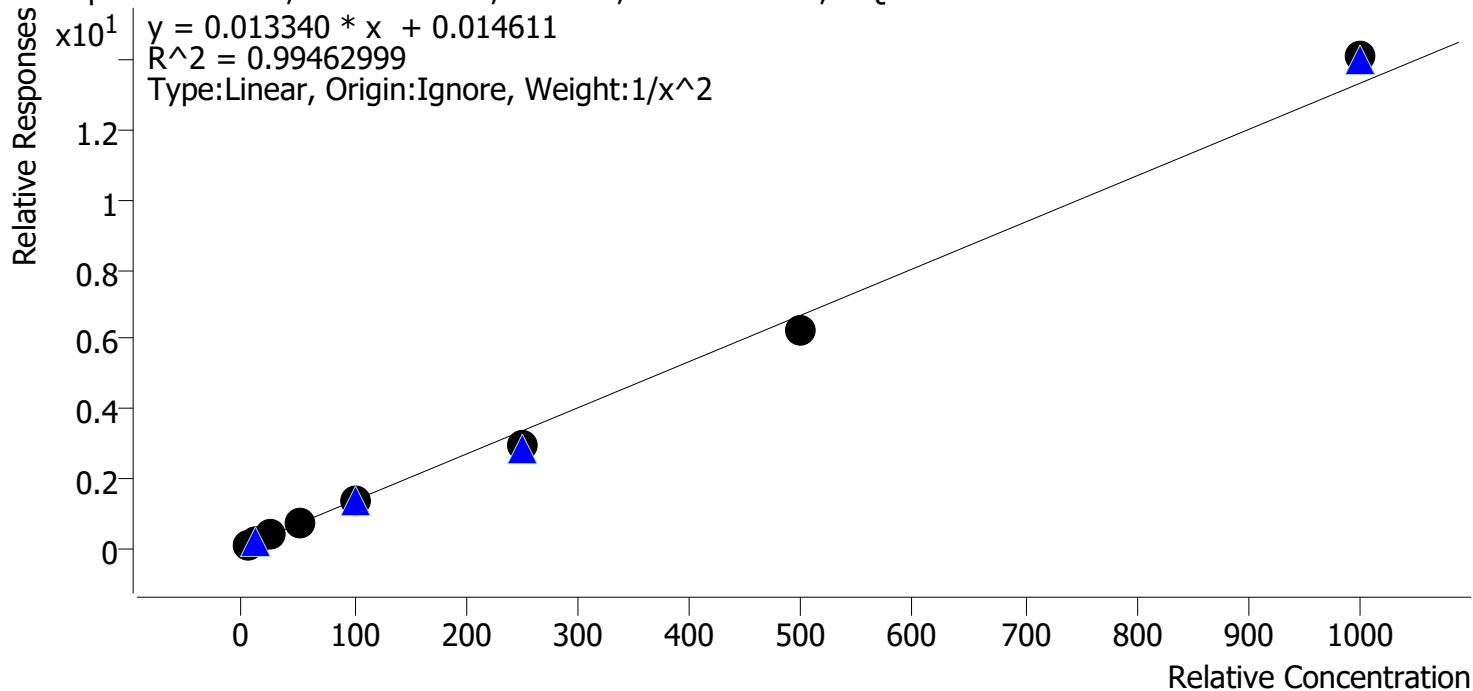
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

Lorazepam - 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	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	223.2	89.3
p1 Cal 7-500ng	7	✓	500.0	465.4	93.1
p1 Cal 8-1000ng	8	✓	1000.0	1057.3	105.7

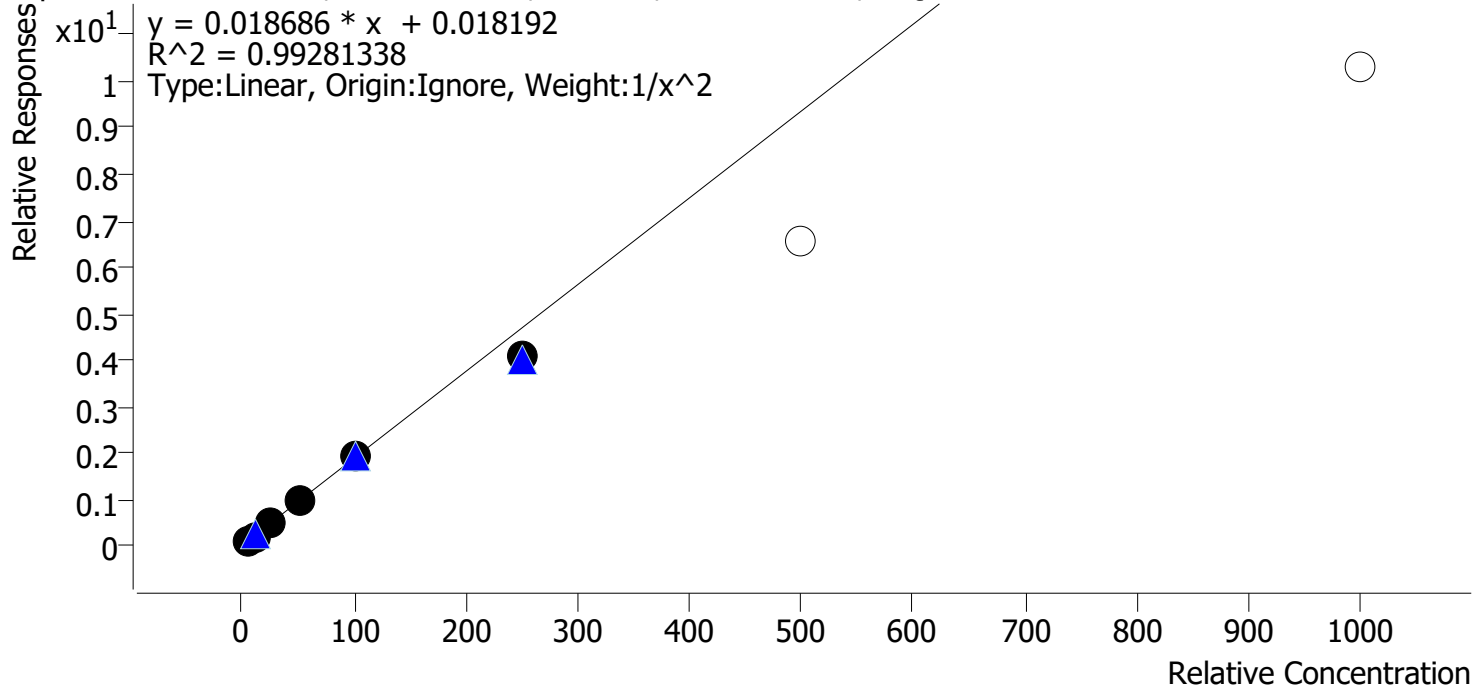
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



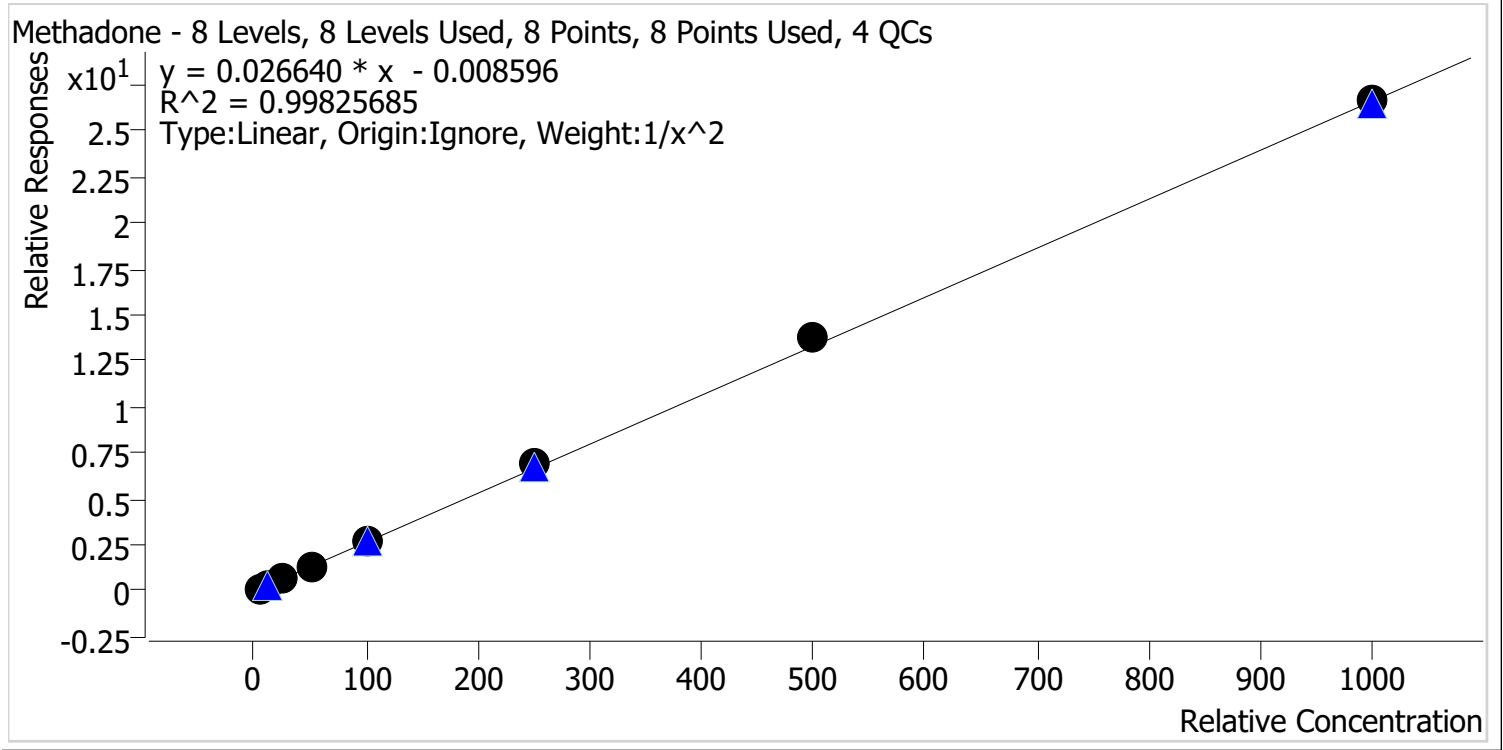
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	218.5	87.4
p1 Cal 7-500ng	7	x	500.0	348.9	69.8
p1 Cal 8-1000ng	8	x	1000.0	550.5	55.0

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



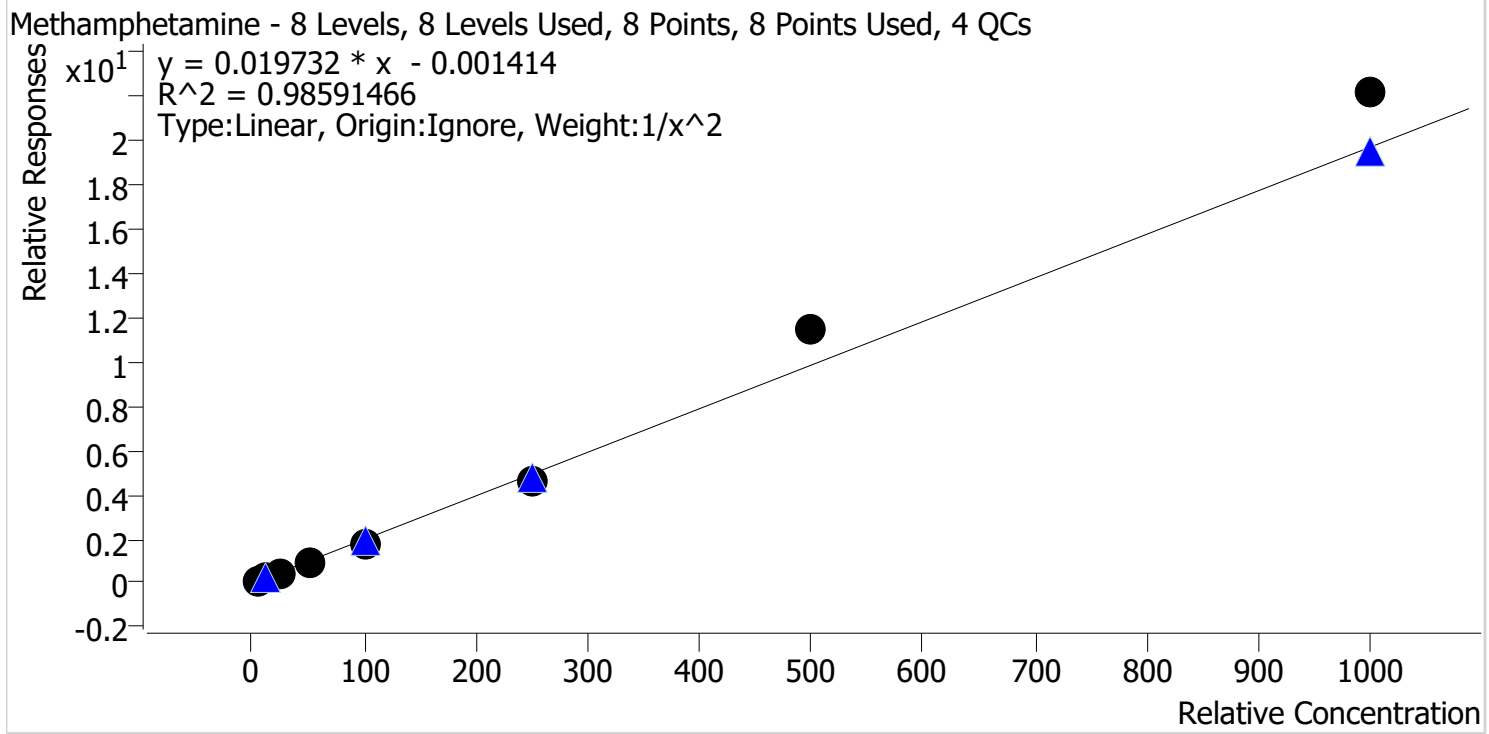
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	263.2	105.3
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1001.4	100.1

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	5.4	107.1
p1 Cal 2-10ng	2	✓	10.0	8.9	88.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	90.8	90.8
p1 Cal 6-250ng	6	✓	250.0	236.2	94.5
p1 Cal 7-500ng	7	✓	500.0	579.3	115.9
p1 Cal 8-1000ng	8	✓	1000.0	1125.1	112.5

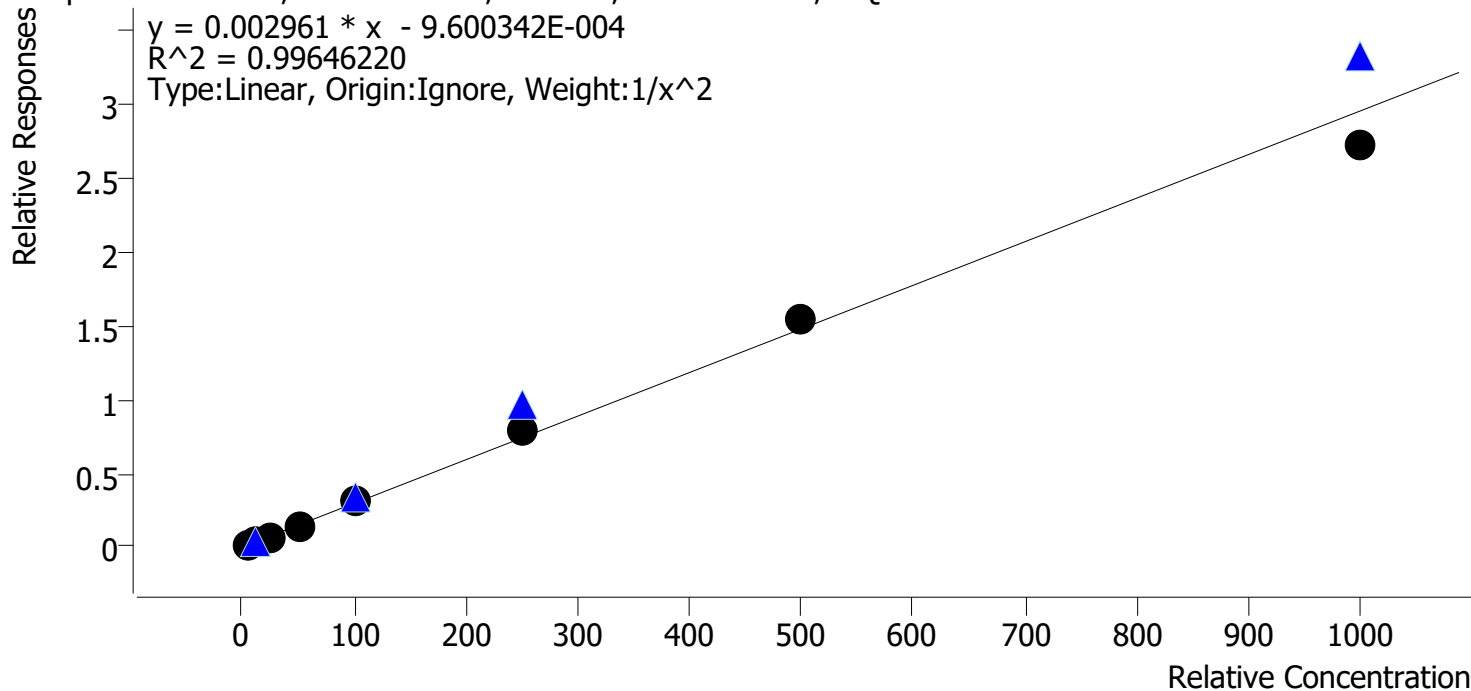
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



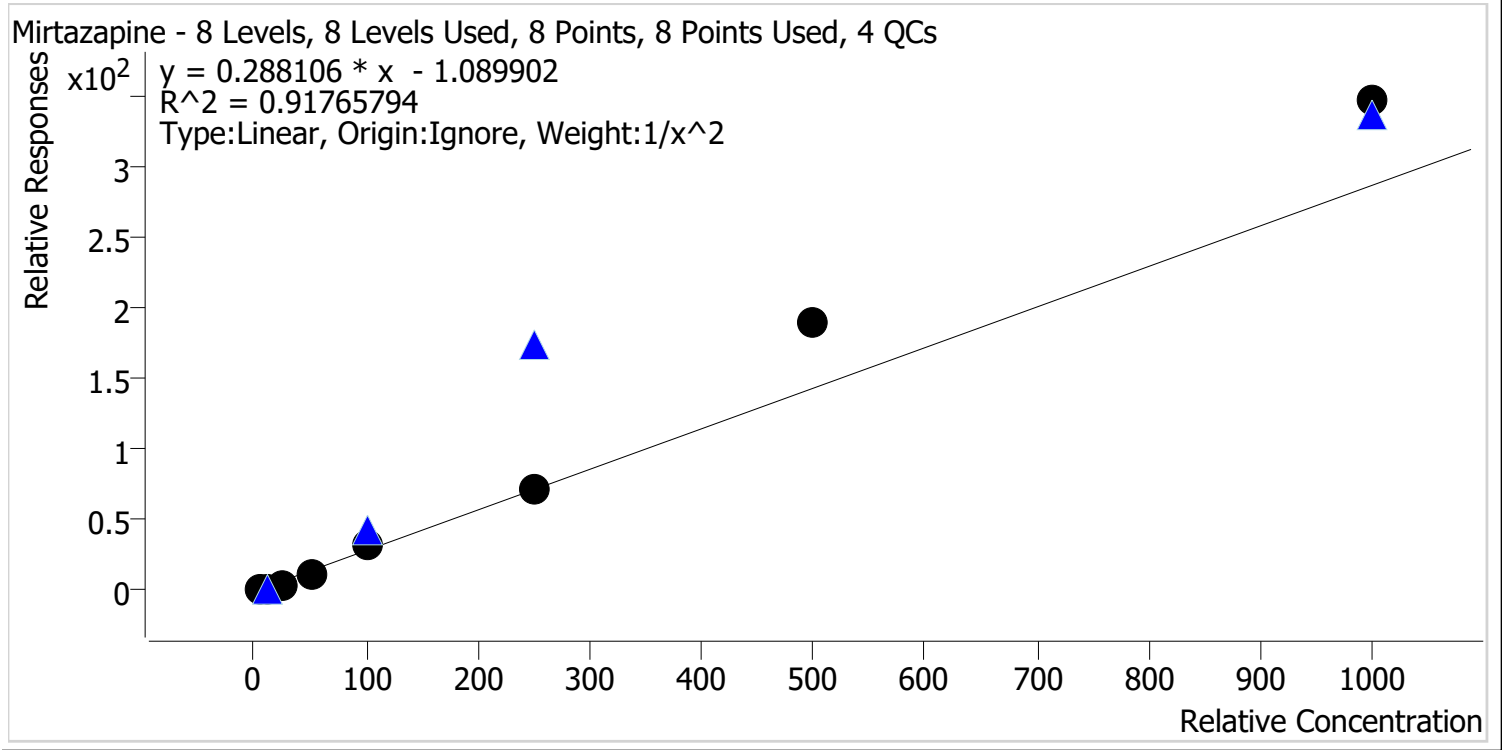
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	266.7	106.7
p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
p1 Cal 8-1000ng	8	✓	1000.0	923.9	92.4

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



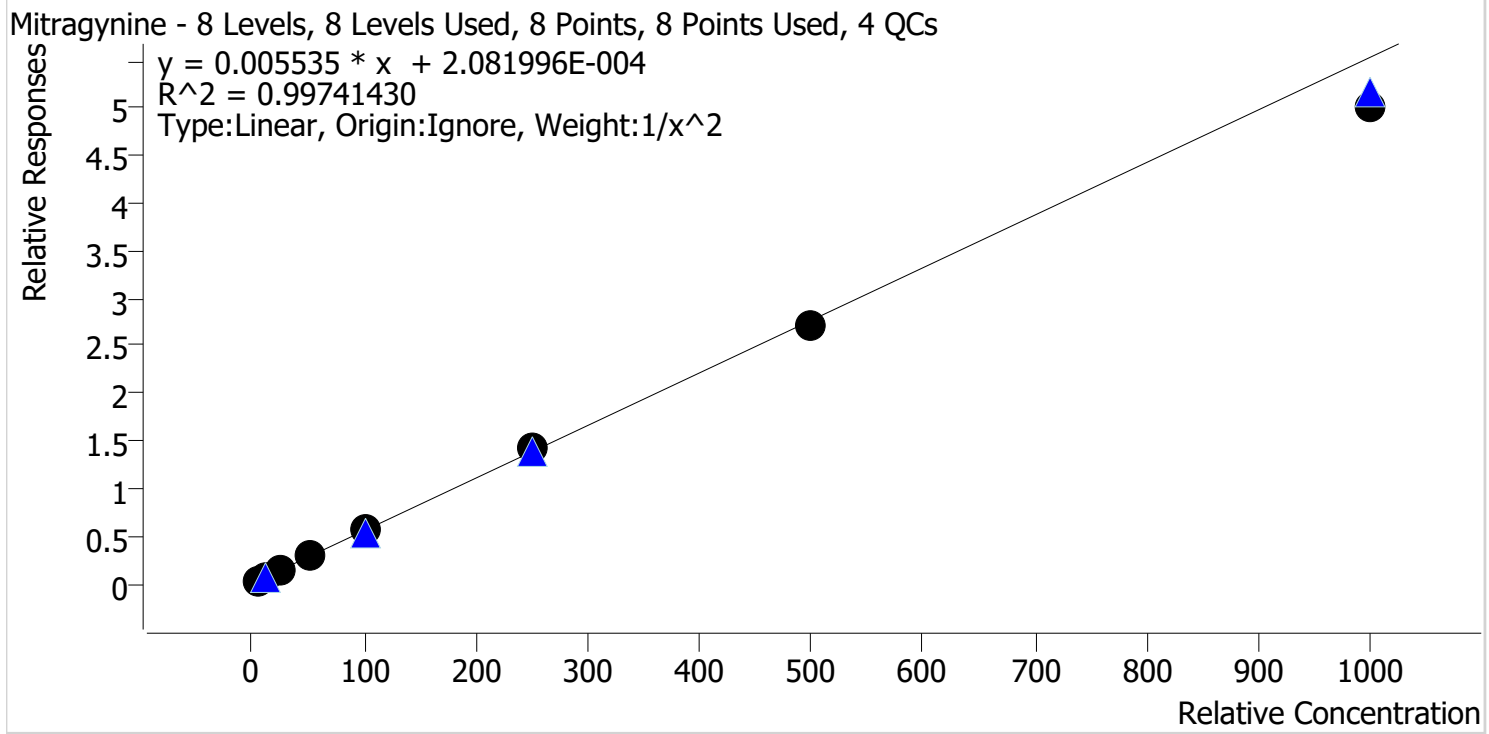
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.9	118.1
p1 Cal 2-10ng	2	✓	10.0	8.4	84.2
p1 Cal 3 -25ng	3	✓	25.0	14.0	56.0
p1 Cal 4-50ng	4	✓	50.0	37.6	75.3
p1 Cal 5-100ng	5	✓	100.0	113.1	113.1
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	658.4	131.7
p1 Cal 8-1000ng	8	✓	1000.0	1208.7	120.9

AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



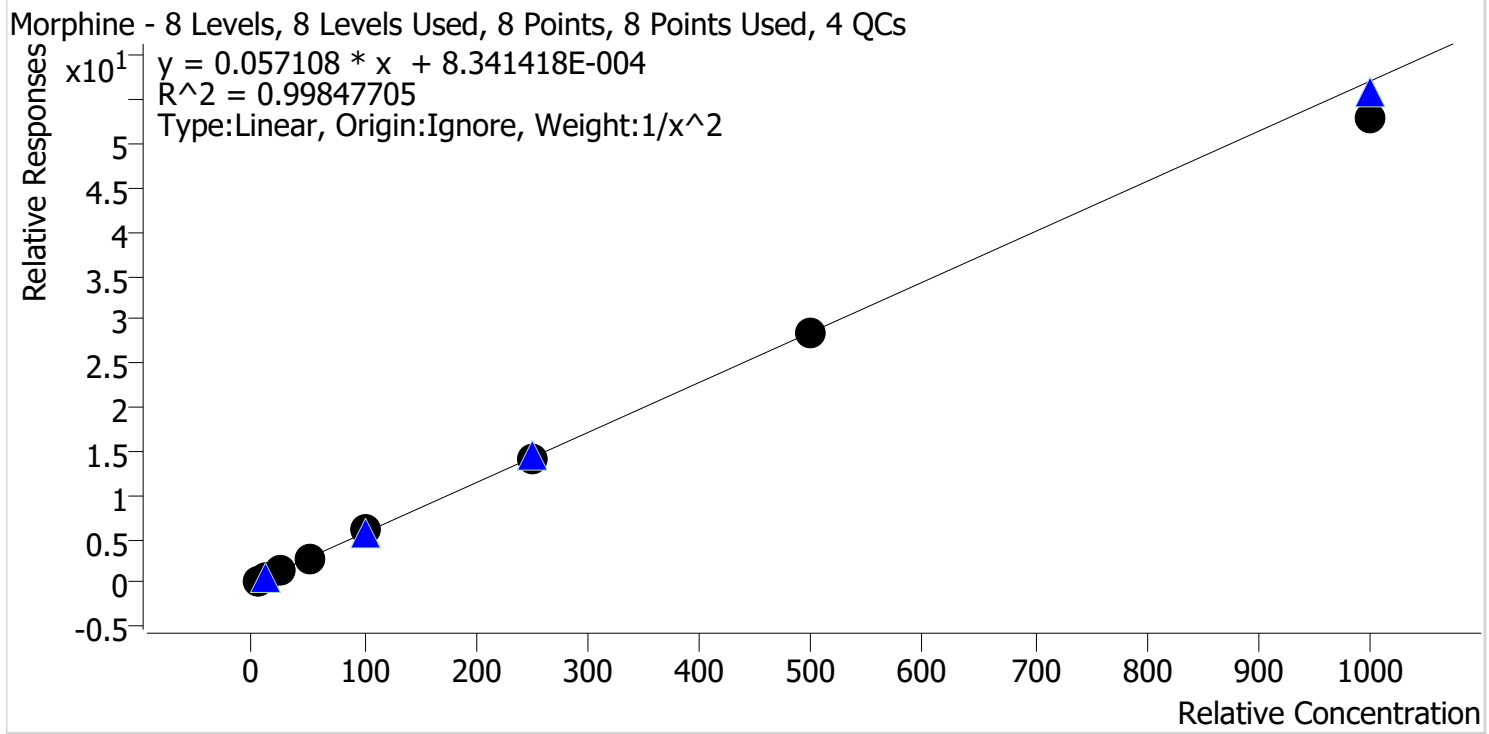
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	487.5	97.5
p1 Cal 8-1000ng	8	✓	1000.0	909.1	90.9

ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



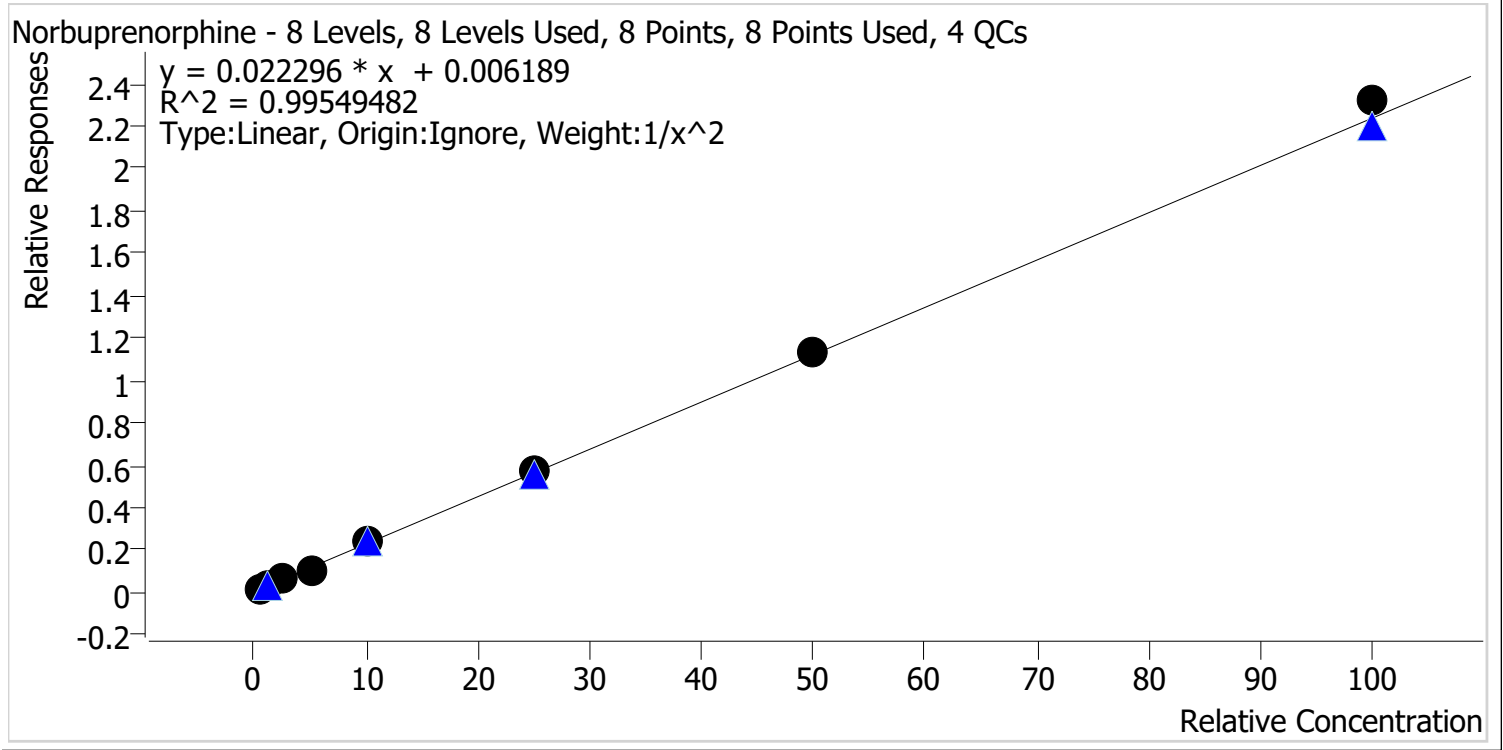
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	929.9	93.0

ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.5
p1 Cal 2-10ng	2	✓	1.0	0.9	88.5
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.4
p1 Cal 4-50ng	4	✓	5.0	4.7	93.8
p1 Cal 5-100ng	5	✓	10.0	10.3	103.2
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	50.5	101.0
p1 Cal 8-1000ng	8	✓	100.0	103.7	103.7

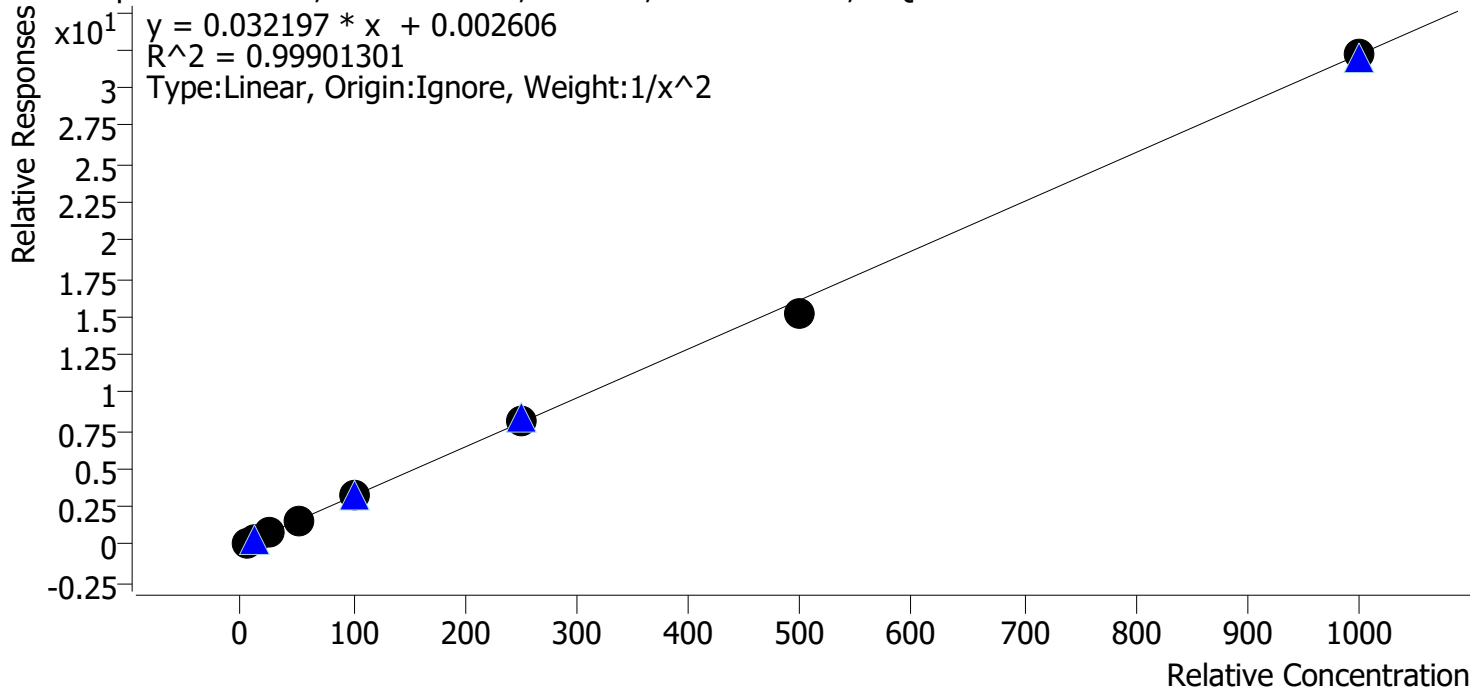
204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



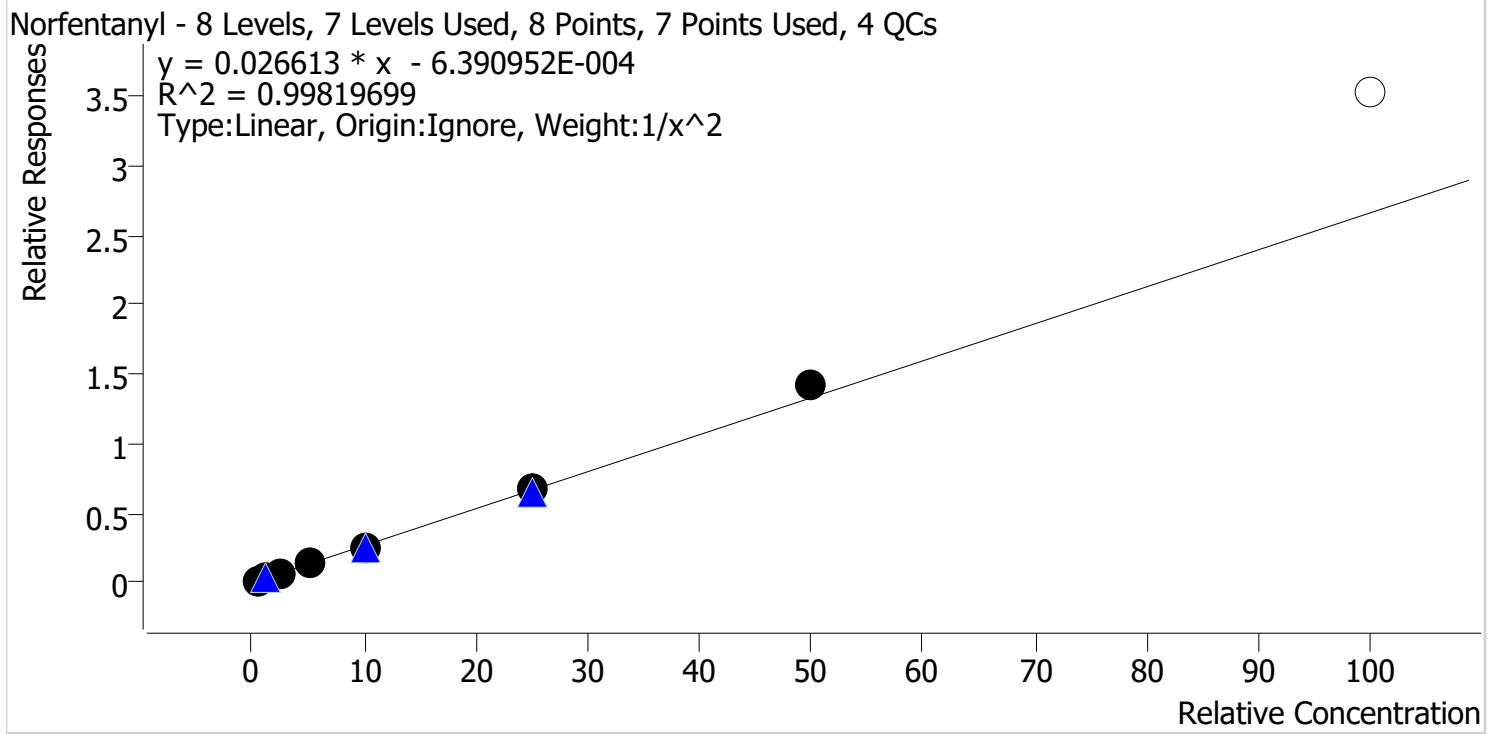
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	468.5	93.7
p1 Cal 8-1000ng	8	✓	1000.0	999.9	100.0

ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	101.9
p1 Cal 2-10ng	2	✓	1.0	1.0	97.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.5
p1 Cal 4-50ng	4	✓	5.0	4.9	98.6
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	25.2	100.7
p1 Cal 7-500ng	7	✓	50.0	53.5	107.0
p1 Cal 8-1000ng	8	✗	100.0	132.5	132.5

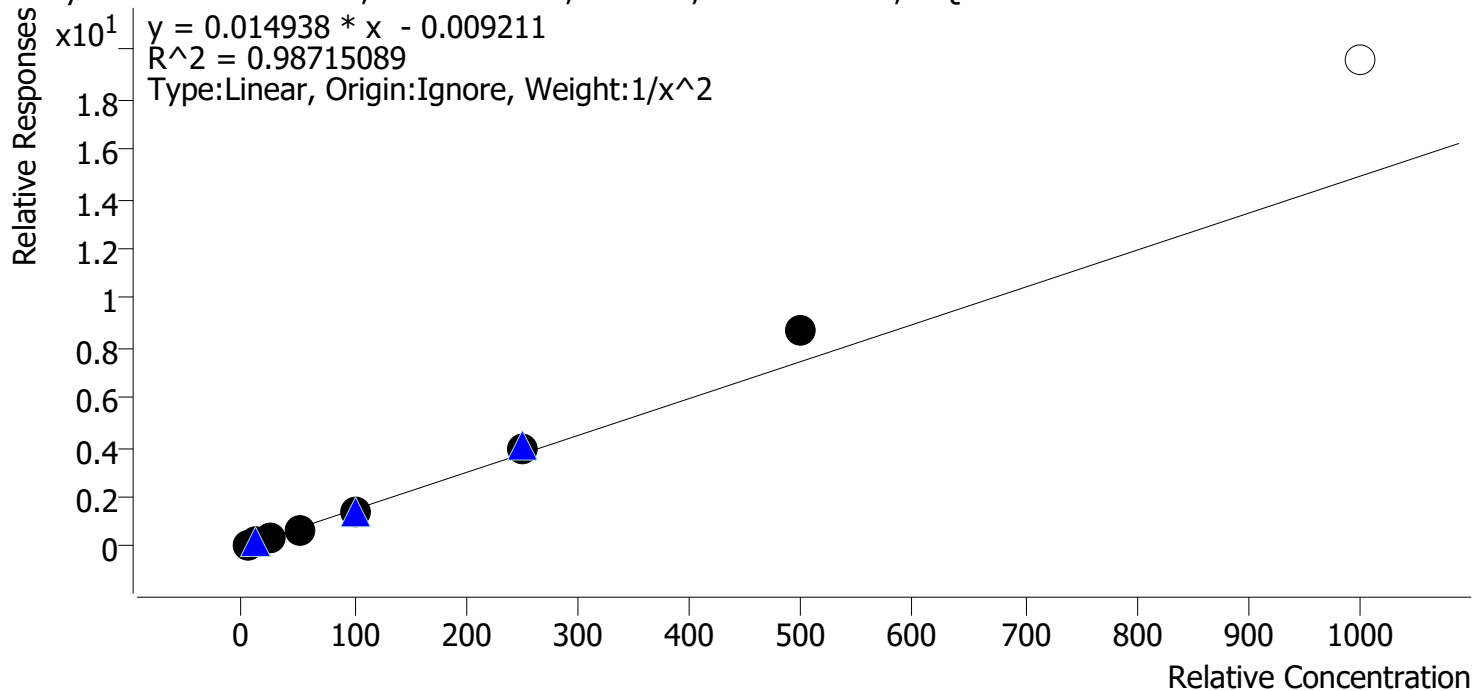
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



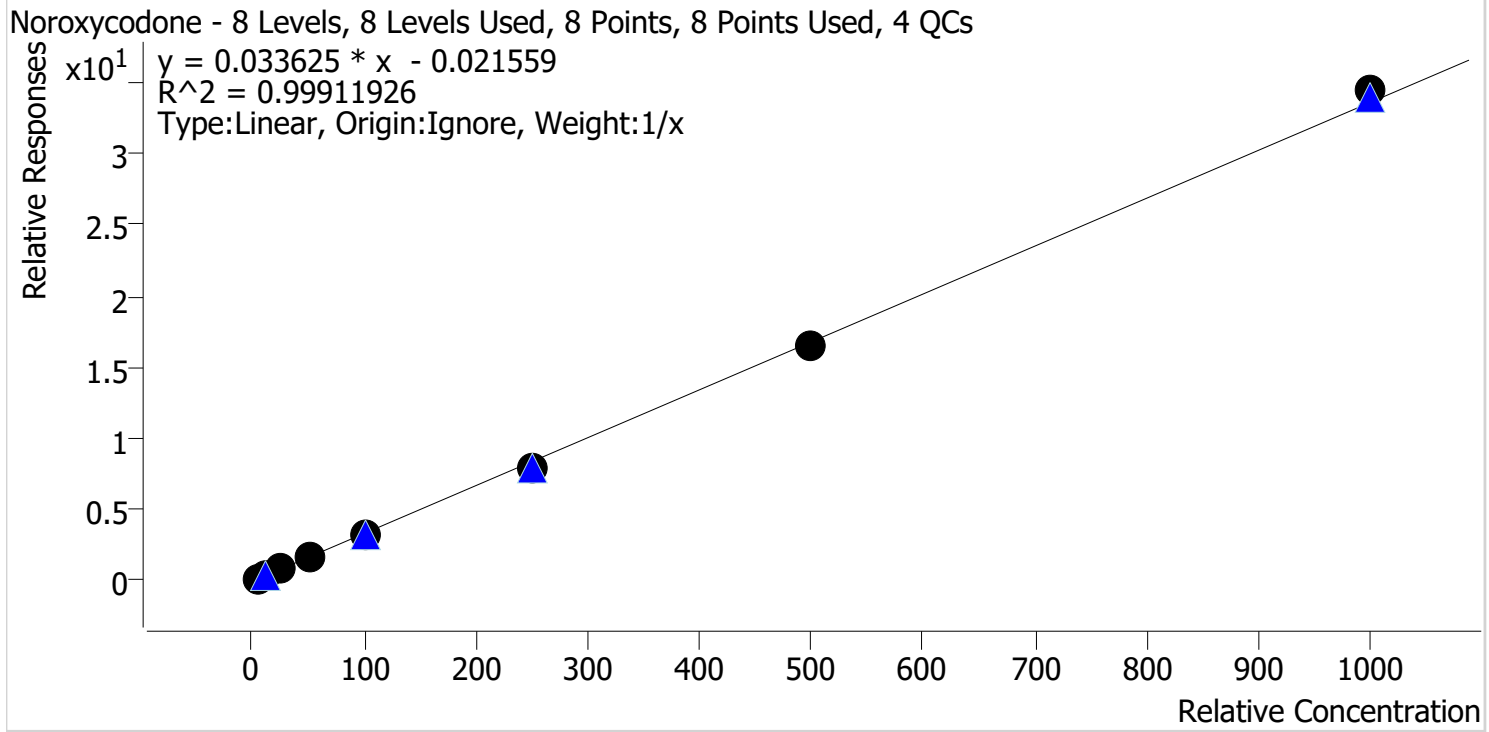
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.8
p1 Cal 2-10ng	2	✓	10.0	9.3	93.3
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.3
p1 Cal 4-50ng	4	✓	50.0	46.0	91.9
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	260.9	104.3
p1 Cal 7-500ng	7	✓	500.0	587.1	117.4
p1 Cal 8-1000ng	8	✗	1000.0	1312.4	131.2

ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



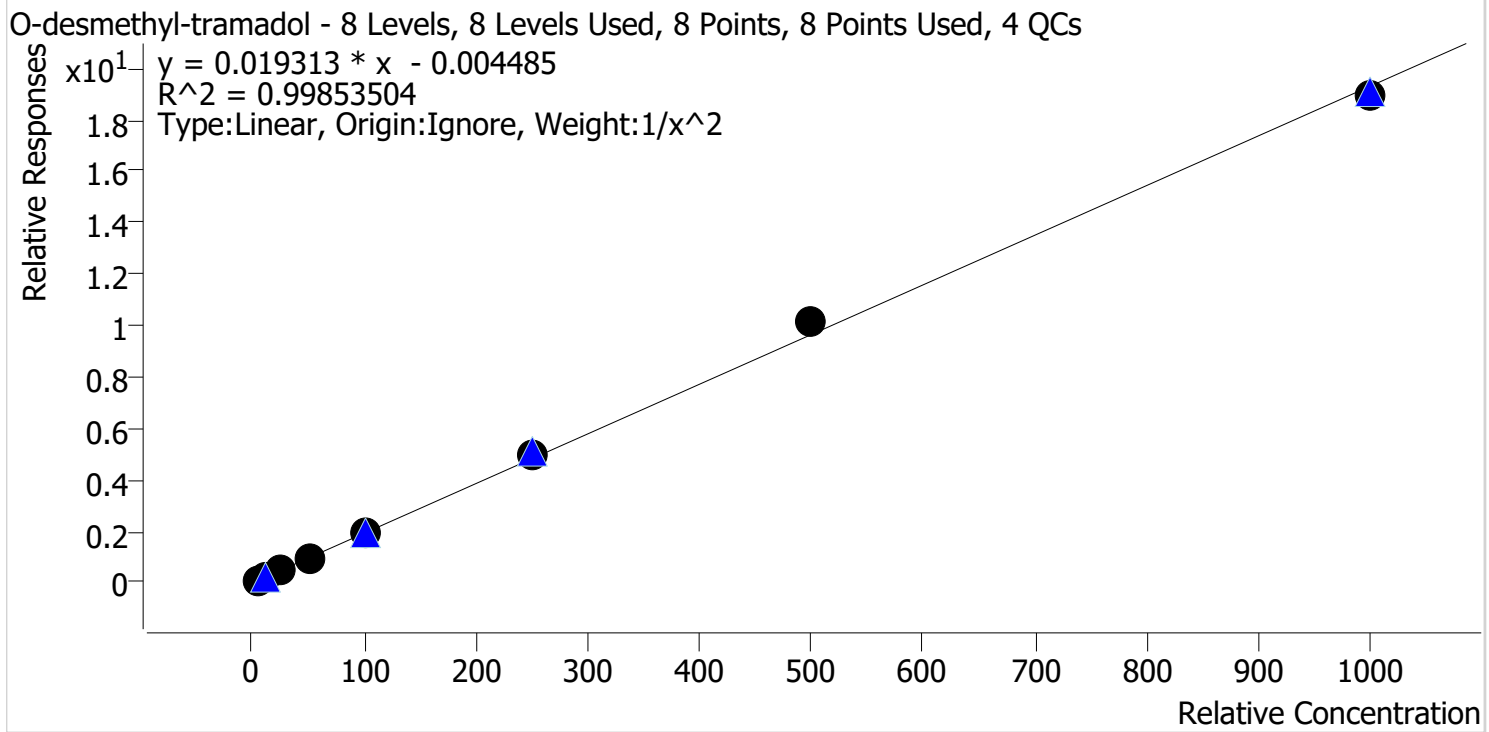
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	238.9	95.6
p1 Cal 7-500ng	7	✓	500.0	492.1	98.4
p1 Cal 8-1000ng	8	✓	1000.0	1024.8	102.5

ADY



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	528.3	105.7
p1 Cal 8-1000ng	8	✓	1000.0	983.5	98.3

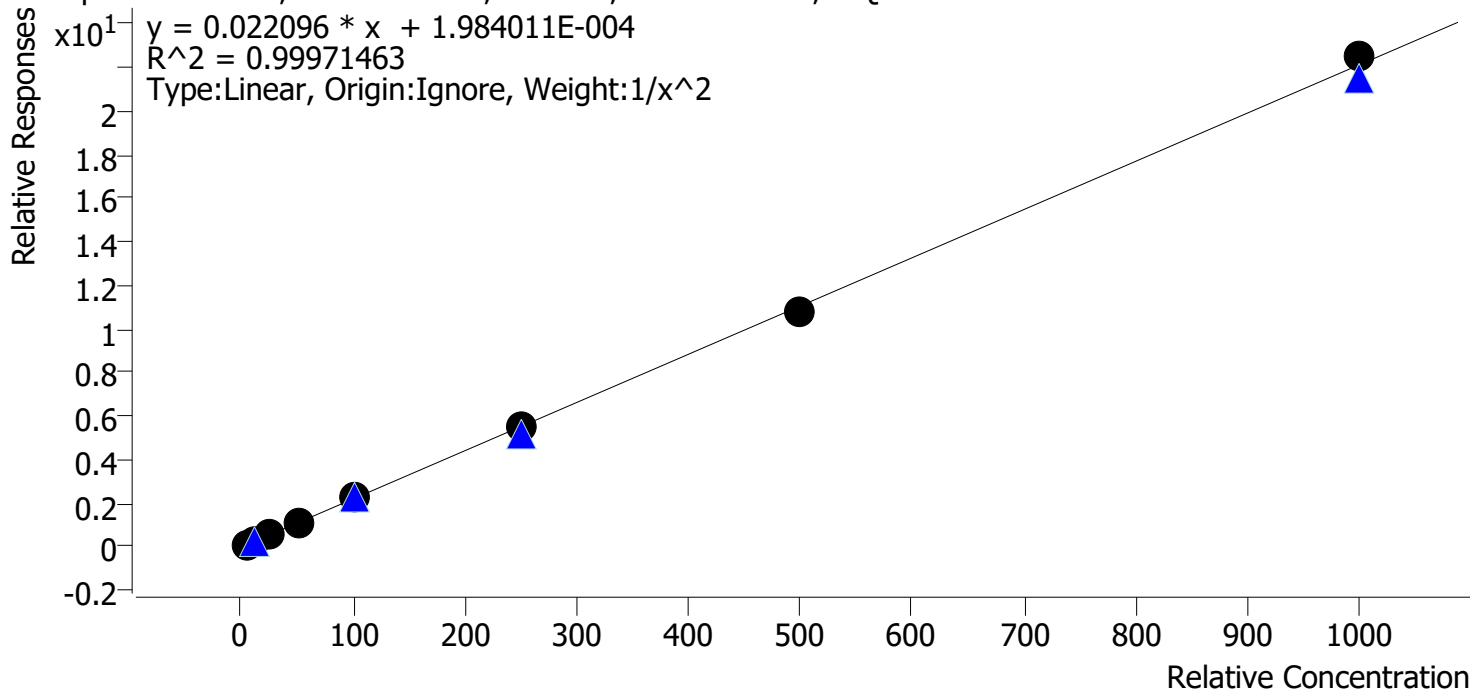
ALH



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



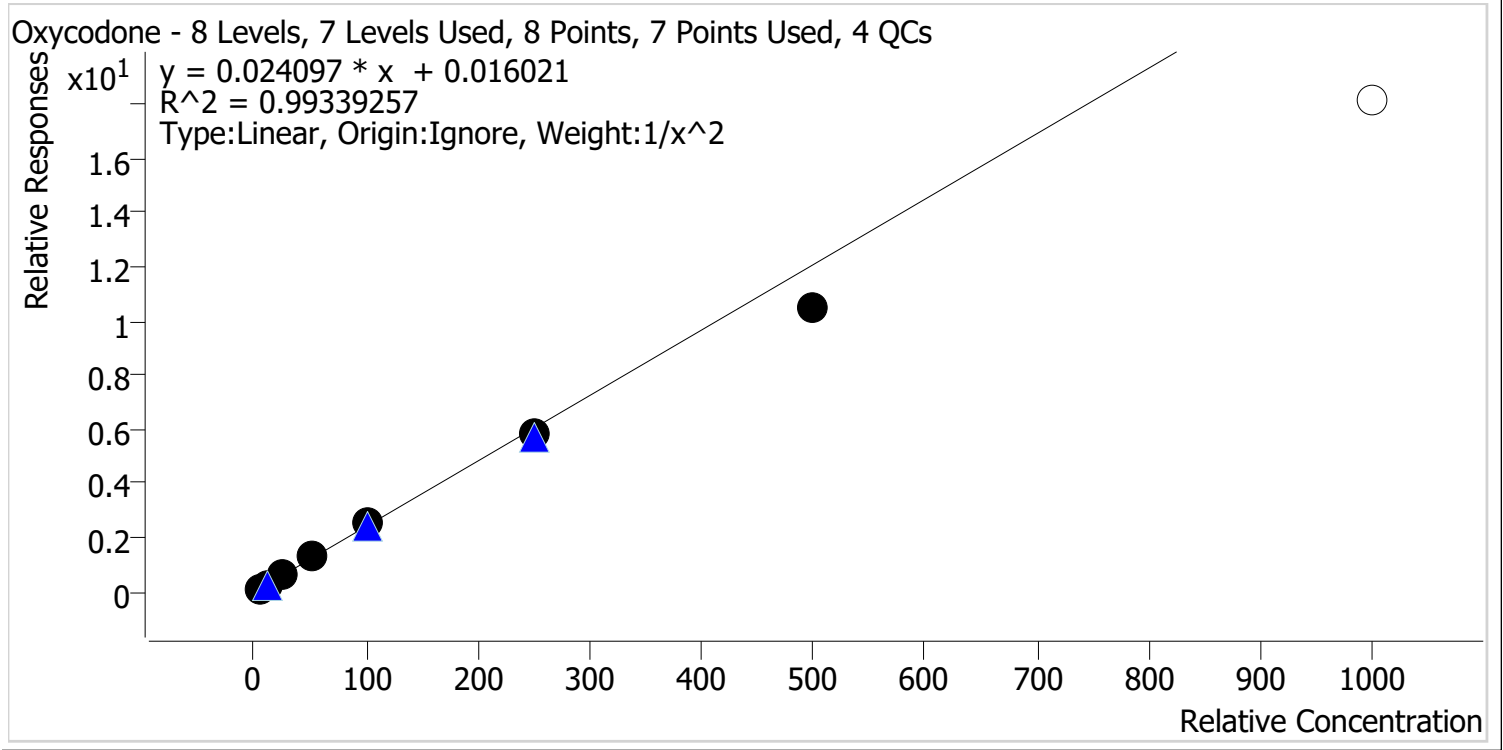
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng	8	✓	1000.0	1017.2	101.7

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	243.4	97.4
p1 Cal 7-500ng	7	✓	500.0	434.3	86.9
p1 Cal 8-1000ng	8	✗	1000.0	750.6	75.1

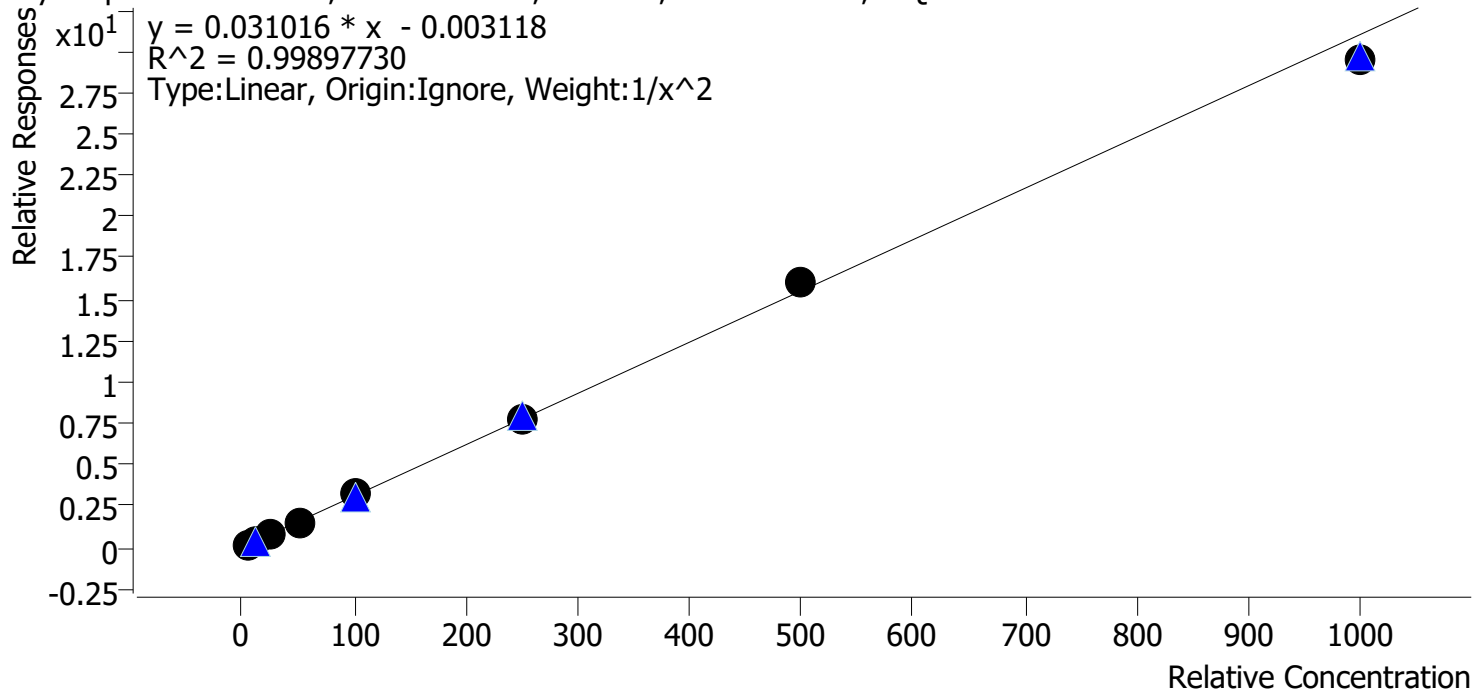
264



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



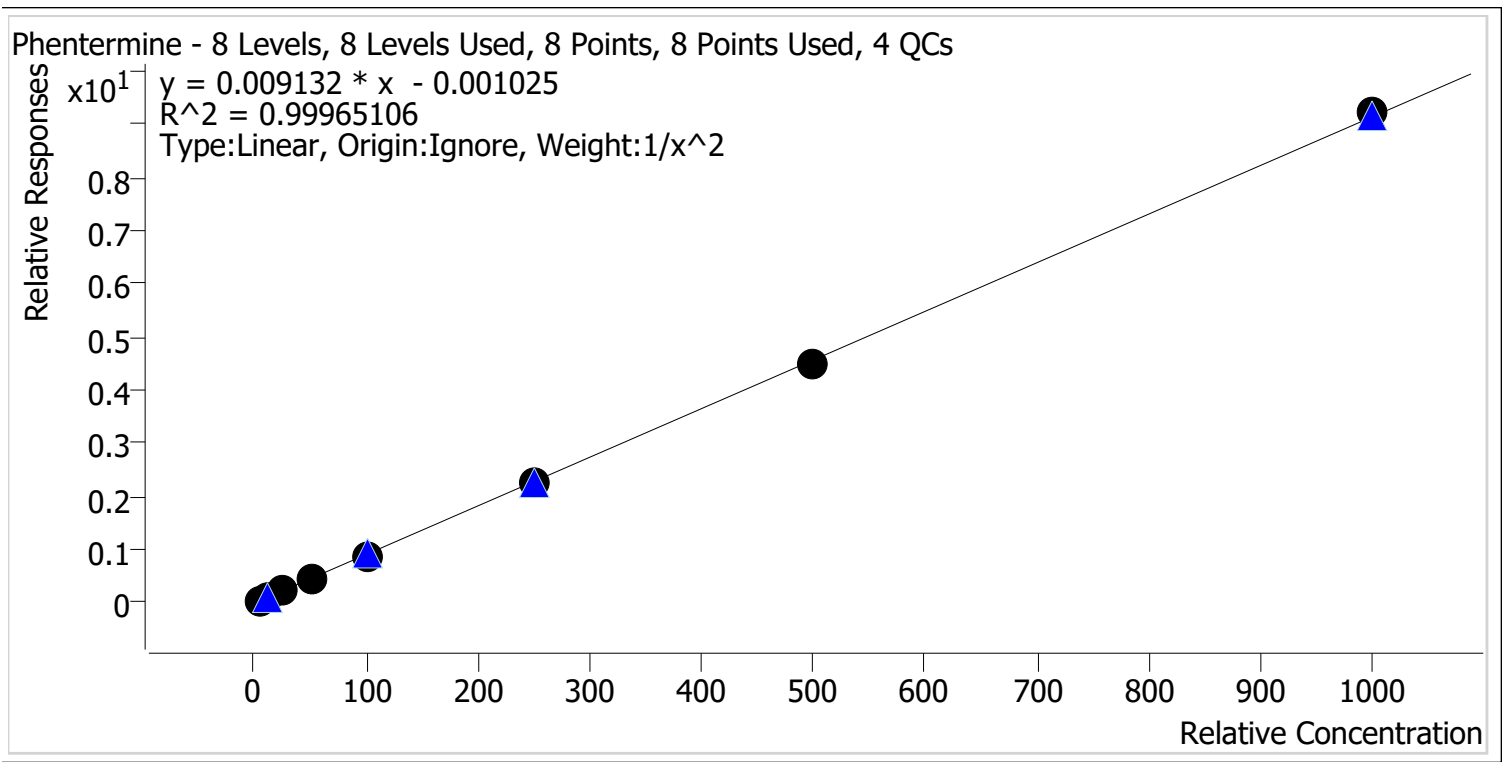
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	949.1	94.9

ADP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1008.8	100.9

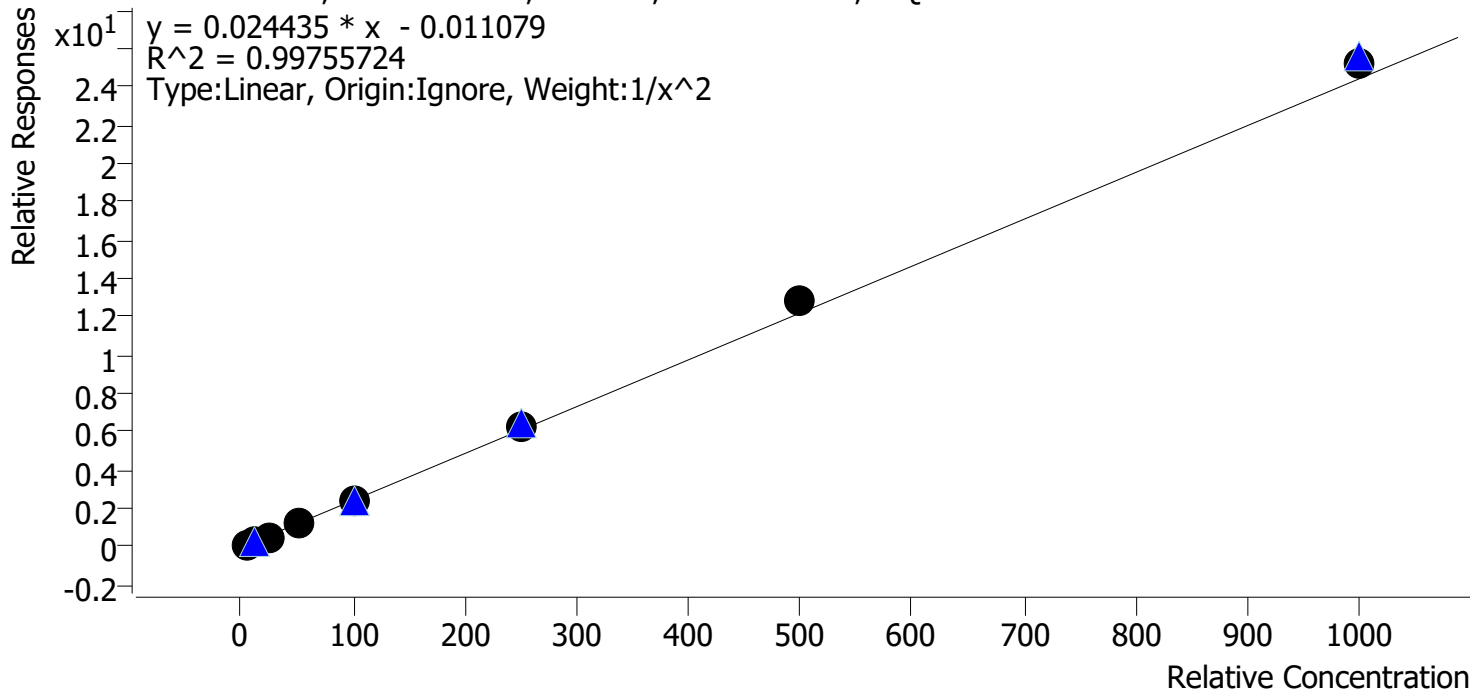
AD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	102.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	528.4	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1035.2	103.5

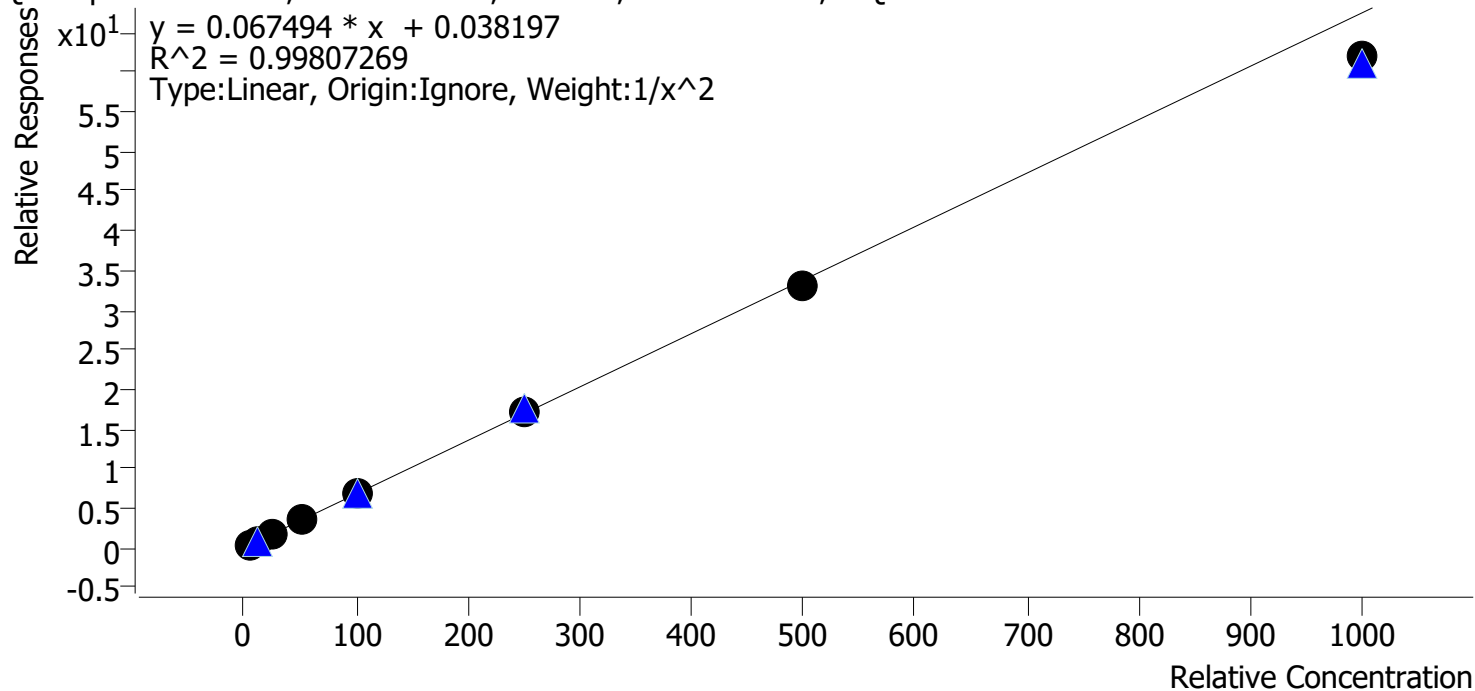
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



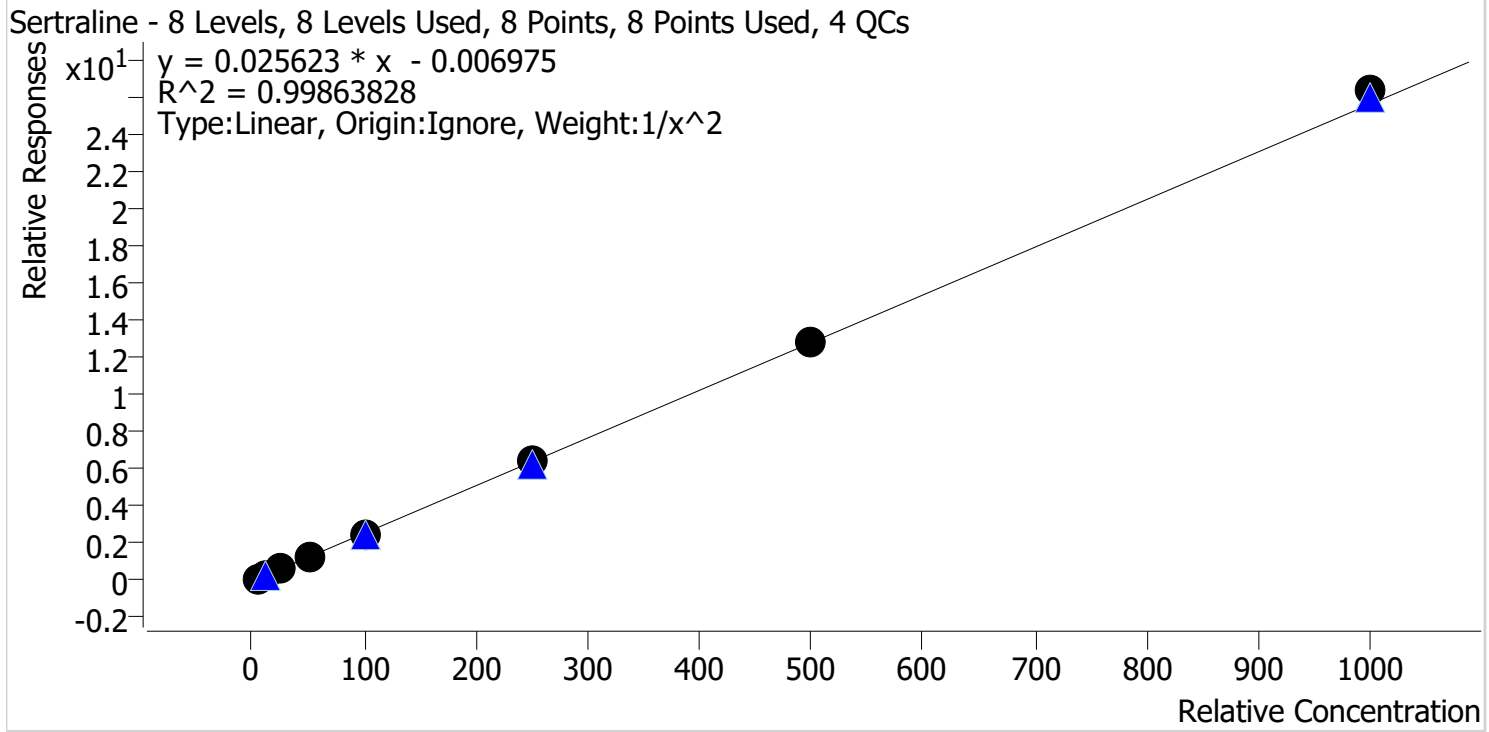
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	918.0	91.8

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



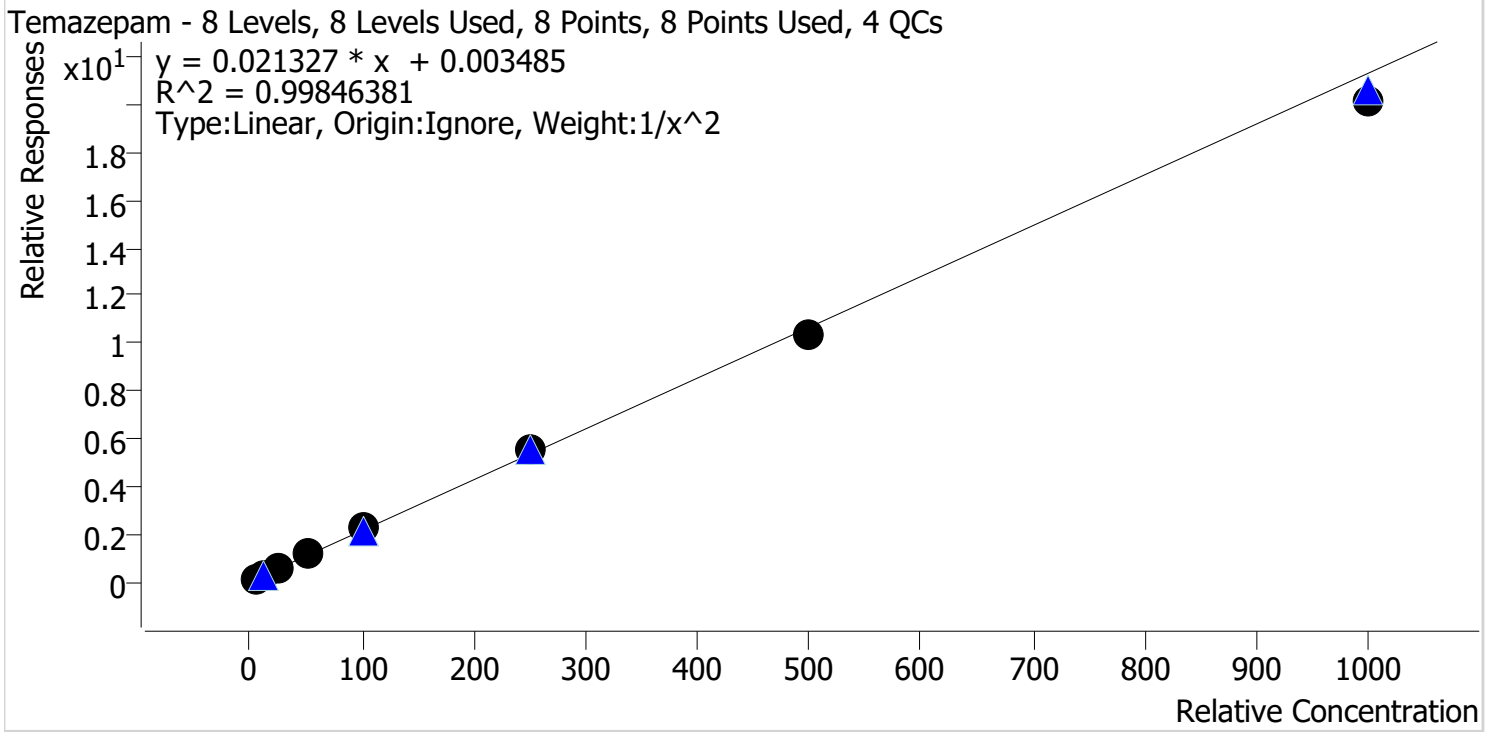
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1028.5	102.8

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



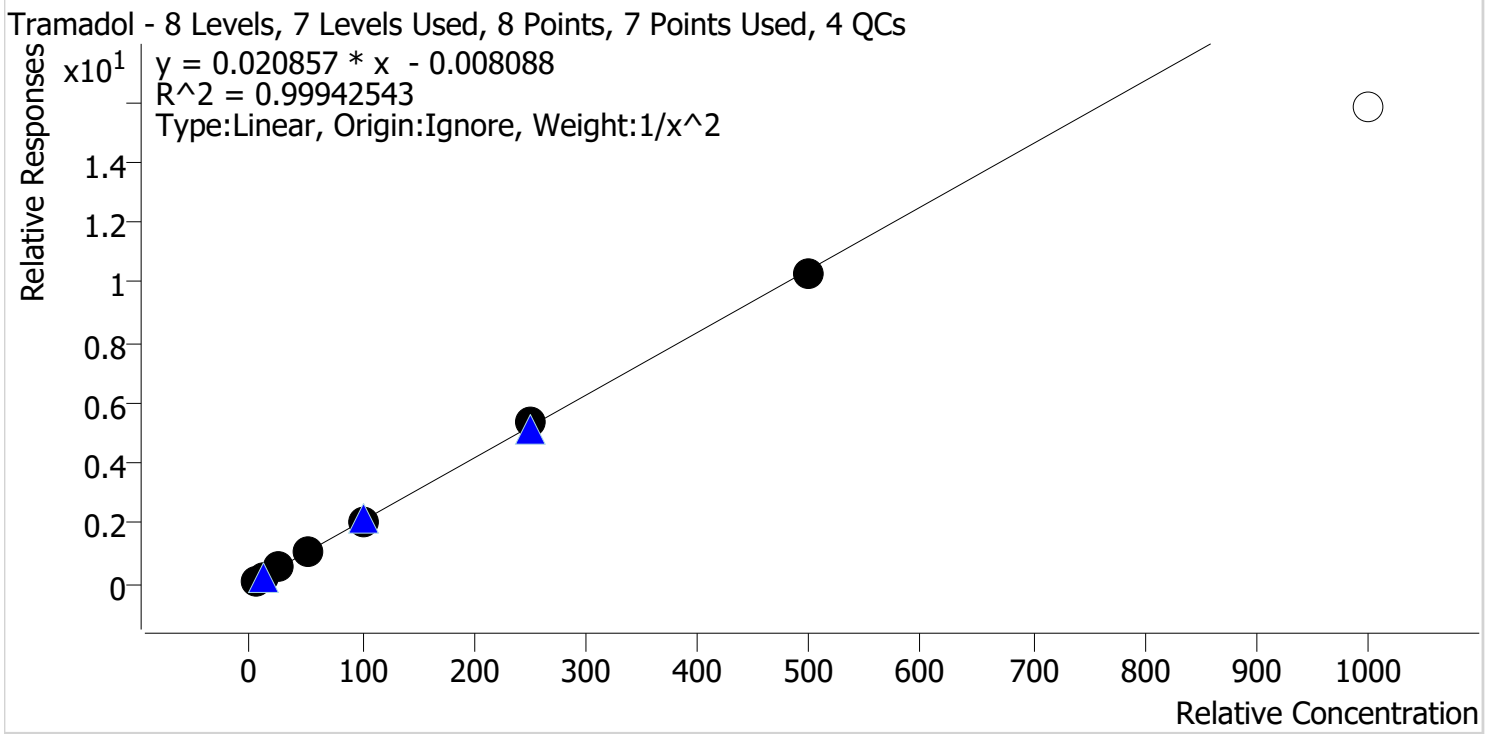
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	482.8	96.6
p1 Cal 8-1000ng	8	✓	1000.0	942.4	94.2

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



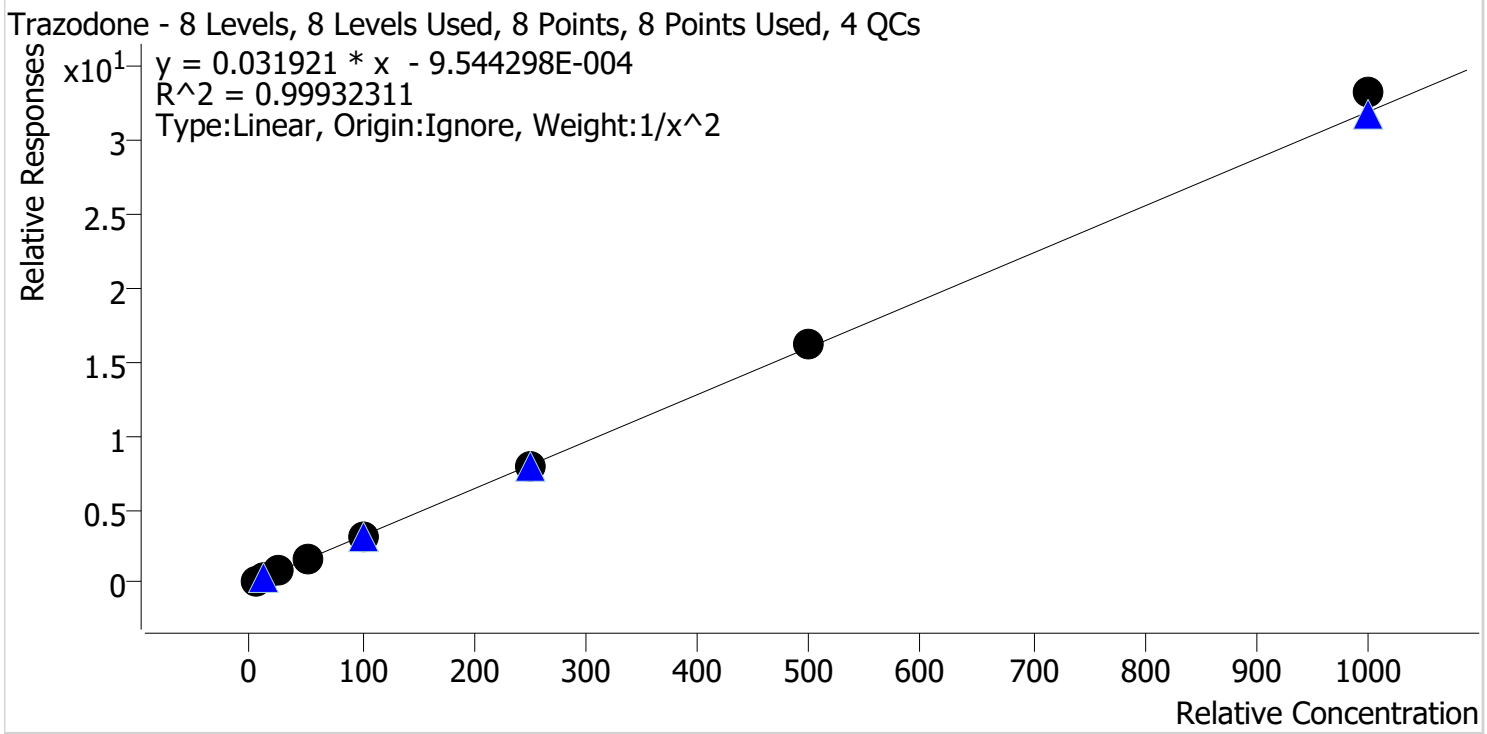
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✗	1000.0	758.4	75.8

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
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	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1040.6	104.1

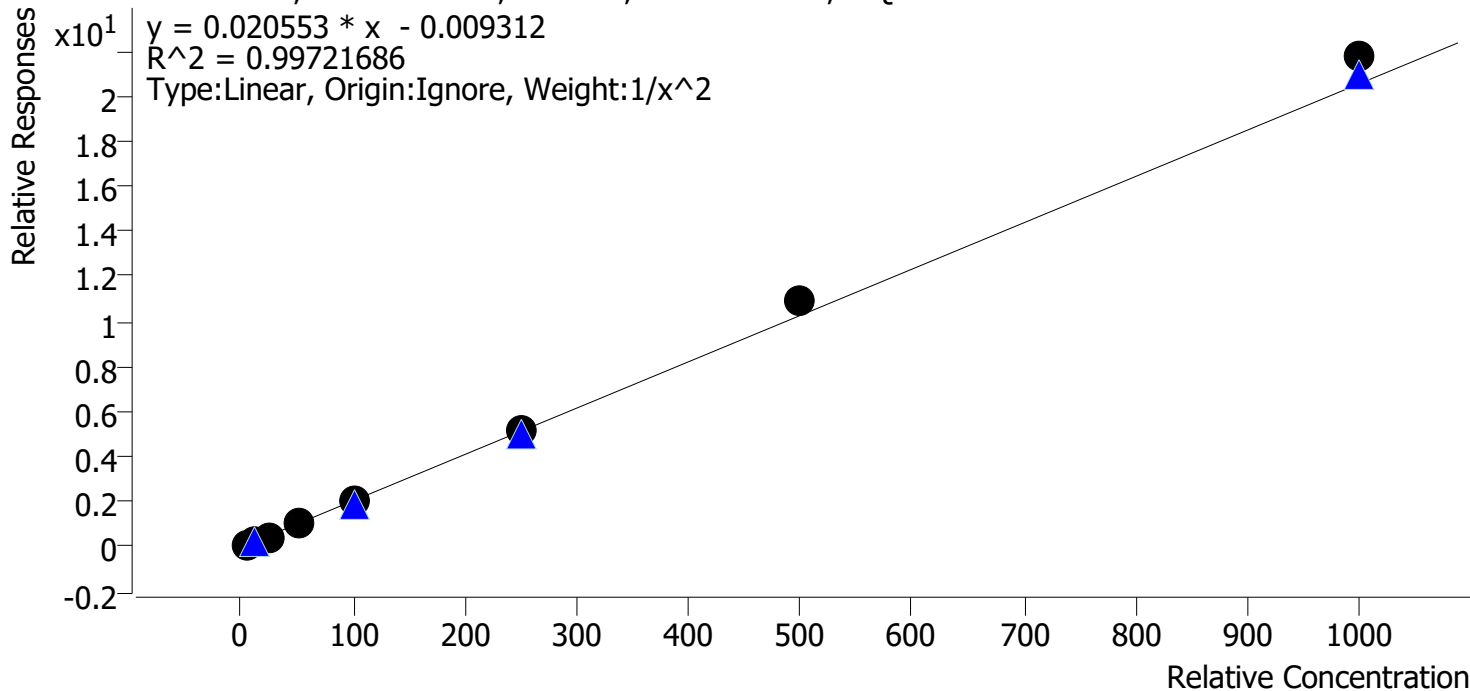
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



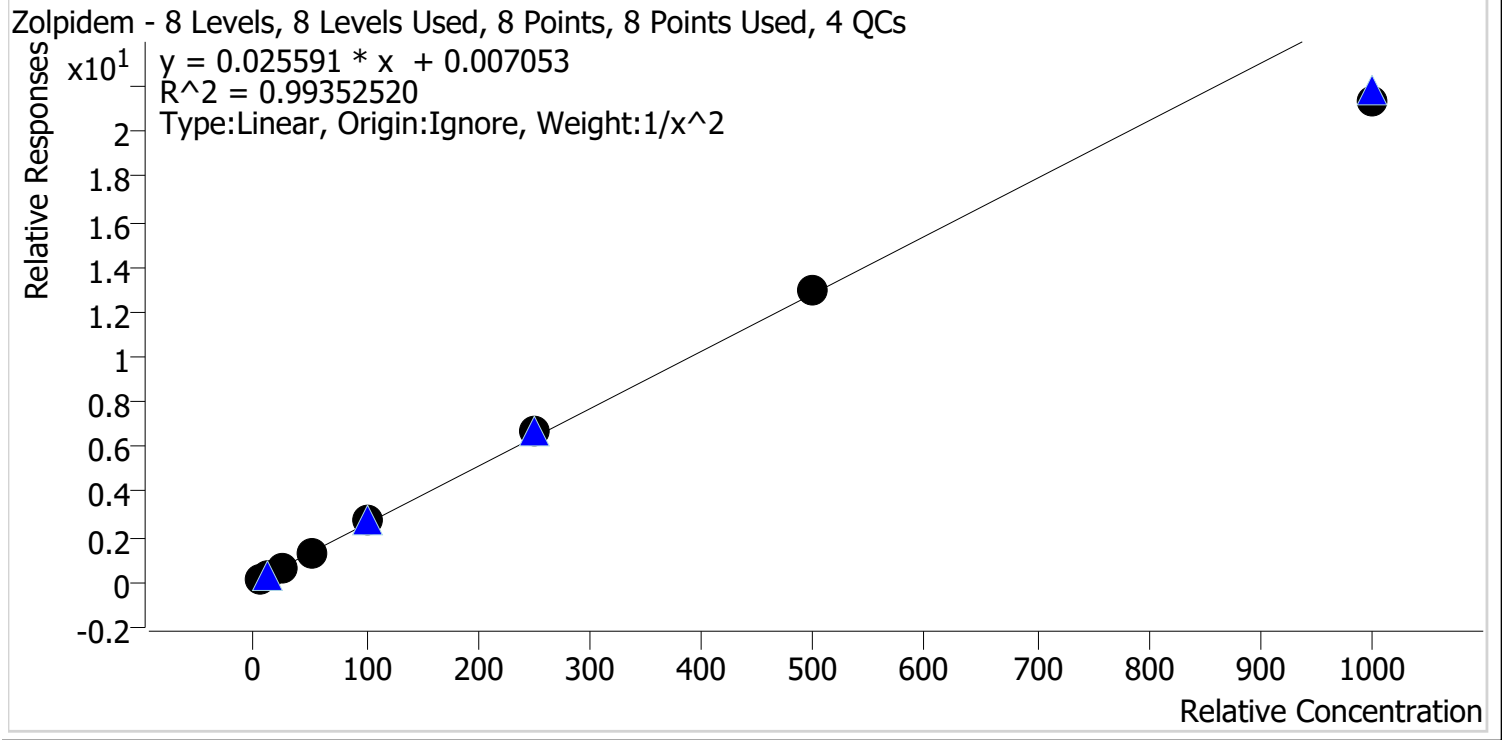
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1058.7	105.9

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 11/3/2022 12:54 PM
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	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	260.6	104.3
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	835.8	83.6

AD

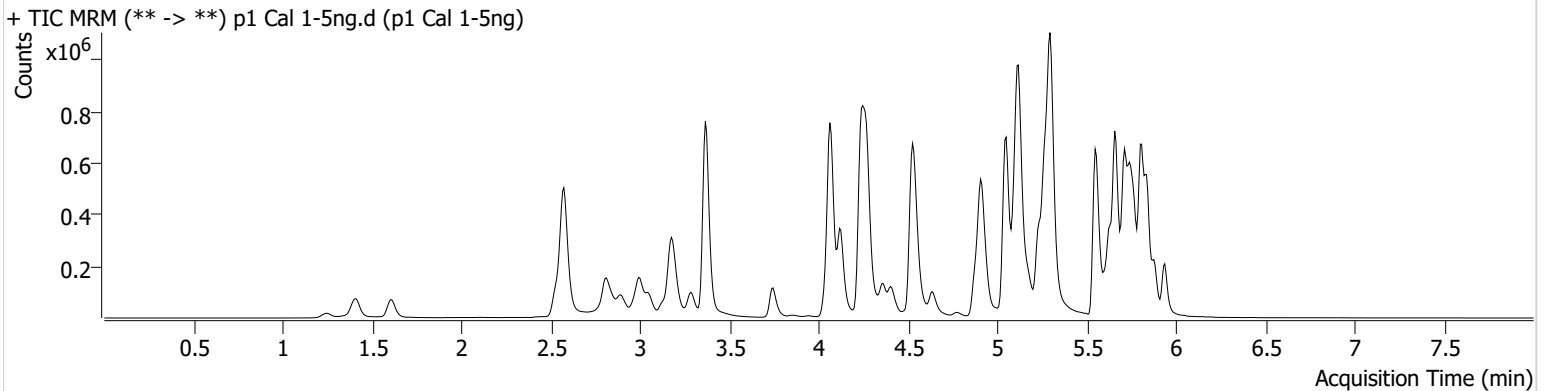


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:06:30 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	1880	71.25	61.7	83.05	100640	0.5115 ng/ml
7-aminoclonazepam	4.265	32274	128.43	73.5	37.69	278213	4.8785 ng/ml
a-hydroxyalprazolam	5.695	15595	203.46	69.7	63.51	1110576	4.8907 ng/ml
alpha-PHP	4.942	12322	75.67	259.1	772.25	231169	5.2095 ng/ml
alpha-PVP	4.370	25315	1073.19	52.4	218.51	231169	5.3480 ng/ml
Alprazolam	5.765	58787	367.87	112.4	346.29	464768	5.0888 ng/ml
Amphetamine	3.050	43463	94.21	51.6	186.95	153099	4.8595 ng/ml
Benzoylecgonine	3.877	2205	18.72	9.4	220.88	13008	5.1833 ng/ml
Buprenorphine	5.843	2491	70.99	15.8	378.59	165483	0.5259 ng/ml
Bupropion	4.792	4617	44.05	71.5	33.67	33405	5.2857 ng/ml
Carisoprodol	5.720	63138	60600.59	65.7	191.87	504783	5.1015 ng/ml
Chlordiazepoxide	5.841	33853	2432.74	97.4	334.11	710551	4.6724 ng/ml
Chlorpheniramine	5.124	165343	1122.02	0.3	8.76	1386496	5.0644 ng/ml
Citalopram	5.231	84833	583.44	36.0	853.61	684141	5.1086 ng/ml
Clonazepam	5.607	58729	248.57	34.3	501.87	158893	4.7959 ng/ml
Clonazolam	5.551	43204	33841.77	33.8	16890.59	158893	4.9558 ng/ml
Cocaine	4.271	65067	211.61	57.6	186.85	1132858	4.9973 ng/ml
Codeine	2.586	9380	235.12	106.6	71.49	92257	4.7412 ng/ml
Cyclobenzaprine	5.631	69550	120.76	8.7	379.22	553652	5.1602 ng/ml
Dextromethorphan	5.275	50796	166.50	83.8	770.59	453378	5.0807 ng/ml
Dextrorphan	4.124	33375	1011.46	198.8	1733.13	659854	5.0856 ng/ml
Diazepam	5.937	37327	238.33	89.9	243.65	329342	4.9390 ng/ml
Dihydrocodeine	2.565	24278	255.03	64.6	1413.38	277697	4.8208 ng/ml
Diphenhydramine	5.303	213022	372.44	31.6	4486.03	1997988	5.1510 ng/ml
DMT	2.858	13164	532.52	121.8	741.44	453378	5.1410 ng/ml
Doxylamine	4.545	196226	1125.26	97.5	1434.98	1791245	5.0516 ng/ml
Duloxetine	5.657	4592	351.40	12.2	15.17	44276	5.0508 ng/ml
EDDP	5.268	91073	355.78	39.9	2315.45	881319	5.0633 ng/ml
Etizolam	5.803	27081	45671.15	25.4	8396.86	158893	5.1457 ng/ml
Fentanyl	5.115	8627	117.46	71.8	61.57	871765	0.4914 ng/ml
Flualprazolam	5.701	29442	1636.96	102.3	750.80	464768	4.8426 ng/ml
Fluorofentanyl	5.169	20729	∞	41.6	958.79	7446	0.5011 ng/ml
Fluoxetine	5.710	61265	153.04	6.9	419.46	411539	5.1664 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	38847	266.71	36.1	105.45	394869	4.8511 ng/ml
Hydromorphone	1.615	31477	122588.63	76.9	35778.84	192588	4.8788 ng/ml
Hydroxyzine	5.714	86672	1571.88	73.1	466.24	453378	5.2416 ng/ml
Ketamine	4.057	29018	486.06	33.3	86.40	232413	4.7988 ng/ml
Lamotrigine	4.281	6258	446.14	82.8	568.67	1297657	5.0766 ng/ml
Lorazepam	5.743	51130	701.40	46.7	42.45	643549	4.8605 ng/ml
MDA	3.198	102958	341.82	37.1	181.97	680193	4.8304 ng/ml
MDMA	3.292	56128	1677.49	122.5	392.40	141119	4.9185 ng/ml
Meprobamate	4.901	49843	282.68	28.1	111.62	459231	4.8348 ng/ml
Methadone	5.662	147455	154042.63	54.0	475.23	1152165	5.1267 ng/ml
Methamphetamine	3.219	20020	33.12	38.1	39.16	191985	5.3564 ng/ml
Metoprolol	4.327	21169	16525.69	102.5	142.43	1530073	4.9970 ng/ml
Mirtazapine	4.634	141257	190205.80	52.0	1108.82	231169	5.9039 ng/ml
Mitragynine	5.243	31419	244.01	36.2	14661.58	1152165	4.8886 ng/ml
Morphine	1.261	5790	3010.53	27.2	560.87	20622	4.9015 ng/ml
Norbuprenorphine	4.997	470	924.65	91.2	142.63	26164	0.5274 ng/ml
Nordiazepam	5.883	43855	1957.67	56.5	237.94	270895	4.9472 ng/ml
Norfentanyl	4.085	16040	3573.44	36.1	38.97	1241252	0.5096 ng/ml
Norhydrocodone	3.074	7755	200.20	37.6	992.50	111064	5.2909 ng/ml
Noroxycodone	2.917	36019	15.16	48.6	155.26	220029	5.5096 ng/ml
O-desmethyl-tramadol	3.372	170636	520.74	5.9	634.48	1814282	5.1021 ng/ml
o-desmethylvenlafaxine	4.069	253419	8584.44	15.8	214.85	389558	5.1407 ng/ml
Olanzapine	4.482	22253	127.18	61.4	182.40	117343	4.8084 ng/ml
Oxazepam	5.746	71187	4786.55	69.6	70.15	643549	4.9971 ng/ml
Oxycodone	2.842	67682	1572.56	30.4	2165.11	510869	4.8331 ng/ml
Oxymorphone	1.411	35848	530.71	48.8	2448.08	238057	4.9557 ng/ml
Phentermine	3.780	13697	59.49	8.9	8.65 Low	311571	4.9261 ng/ml
Promethazine	5.547	122095	1316.39	31.1	84.67	1064948	5.1453 ng/ml
Pseudoephedrine	2.583	136079	319.33	19.4	207.49	1297657	5.1083 ng/ml
Quetiapine	5.564	95841	467144.35	56.3	32157.30	258555	4.9261 ng/ml
Sertraline	5.779	12569	147.45	109.8	467.07	104958	4.9459 ng/ml
Temazepam	5.807	122206	1118.00	26.6	127.12	1110576	4.9960 ng/ml
Tramadol	4.253	145396	∞	4.0	40.25	1530073	4.9438 ng/ml
Trazodone	5.168	118059	898.38	65.7	106150.88	738686	5.0368 ng/ml
Venlafaxine	5.049	157187	1041.92	34.6	170.10	1637270	5.1243 ng/ml
Zolpidem	4.932	161320	1436.12	28.2	298.08	1214787	4.9135 ng/ml

AD

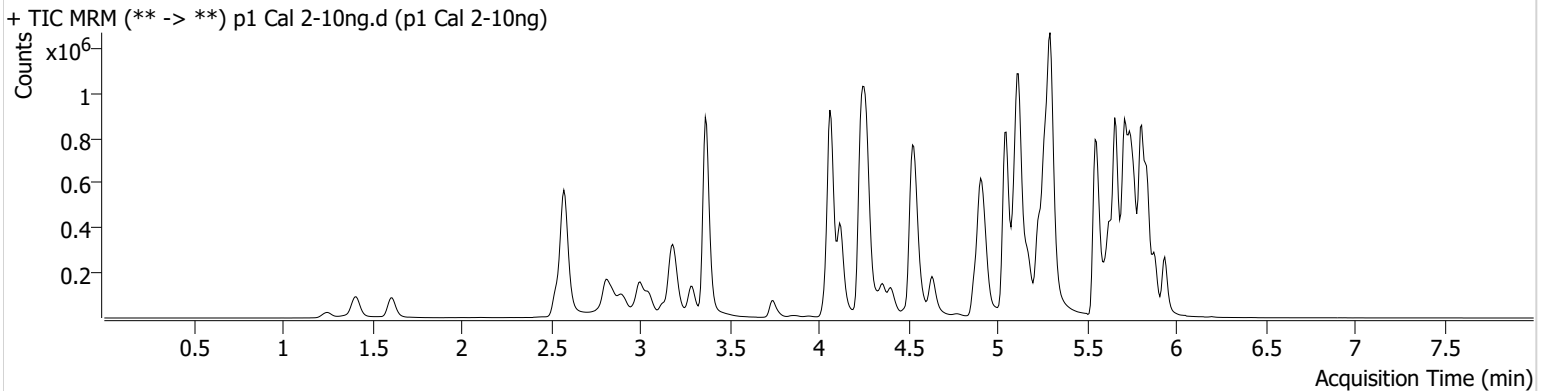


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-B1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:17:17 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	3743	657.57	73.7	3918.99	106460	0.9571 ng/ml
7-aminoclonazepam	4.258	68995	138.18	76.6	282.72	308054	10.0612 ng/ml
a-hydroxyalprazolam	5.688	36401	335.74	66.2	274.19	1251605	10.4296 ng/ml
alpha-PHP	4.935	25194	460.50	261.6	1266.28	216040	9.7371 ng/ml
alpha-PVP	4.370	45281	1156.28	53.9	365.41	216040	9.3634 ng/ml
Alprazolam	5.765	127643	1587.31	113.2	507.92	509605	9.7983 ng/ml
Amphetamine	3.050	52197	658.09	51.3	238.62	92908	10.3012 ng/ml
Benzoylcegonine	3.877	4541	∞	10.3	125.64	14167	9.7147 ng/ml
Buprenorphine	5.850	5127	187.89	15.3	244.30	188338	0.9438 ng/ml
Bupropion	4.792	4963	32.49	72.8	55.60	18884	9.3792 ng/ml
Carisoprodol	5.720	139736	789.94	64.8	646.07	549020	9.8966 ng/ml
Chlordiazepoxide	5.841	78021	2071.70	92.4	797.37	785281	10.9272 ng/ml
Chlorpheniramine	5.124	337832	3947.58	0.2	21.32	1460322	9.8284 ng/ml
Citalopram	5.231	178925	299.69	35.3	1170.21	730365	9.7381 ng/ml
Clonazepam	5.607	129220	1414.53	36.2	878.74	180344	10.3603 ng/ml
Clonazolam	5.551	90971	141854.69	36.2	30103.74	180344	9.8168 ng/ml
Cocaine	4.264	134706	5546.19	57.4	7566.00	1159093	10.0859 ng/ml
Codeine	2.586	20117	1032.17	103.9	138.47	96240	10.4899 ng/ml
Cyclobenzaprine	5.631	141697	365435.70	8.1	73.92	580834	9.6468 ng/ml
Dextromethorphan	5.275	104138	44190.87	84.4	78.38	480729	9.8298 ng/ml
Dextrorphan	4.124	70437	371.06	197.1	307.33	709364	9.8165 ng/ml
Diazepam	5.937	84591	268.05	87.9	3134.85	367631	10.1936 ng/ml
Dihydrocodeine	2.565	51216	562.64	65.0	6453.94	299447	10.2630 ng/ml
Diphenhydramine	5.303	425639	3824.22	32.7	277.40	2024212	9.7209 ng/ml
DMT	2.858	27351	400.34	116.8	2445.84	480729	9.7831 ng/ml
Doxylamine	4.545	399955	1026.53	97.9	13747.54	1821243	9.8570 ng/ml
Duloxetine	5.657	9165	366.00	13.7	25.10	45802	9.8578 ng/ml
EDDP	5.268	190281	3168.94	41.8	102.01	928489	9.8722 ng/ml
Etizolam	5.803	59625	11277.61	26.6	20860.82	180344	9.7071 ng/ml
Fentanyl	5.108	18233	743.00	70.8	11812.12	922524	1.0017 ng/ml
Flualprazolam	5.701	65535	2520.72	96.7	9928.27	509605	10.4692 ng/ml
Fluorofentanyl	5.169	44975	1550.15	39.4	3483.21	7922	1.0118 ng/ml
Fluoxetine	5.710	124806	4517.87	7.3	807.96	426582	9.6236 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	81276	498.64	36.8	57.65	411870	10.2730 ng/ml
Hydromorphone	1.615	65935	1769.44	76.2	52994.87	188007	10.5944 ng/ml
Hydroxyzine	5.714	182108	1353.74	76.6	2686.17	480729	9.5617 ng/ml
Ketamine	4.050	56200	4792.70	34.3	58.89	226093	10.4640 ng/ml
Lamotrigine	4.281	14523	605.78	85.6	9742.40	1303637	10.4066 ng/ml
Lorazepam	5.743	110312	1911.10	49.5	206.67	729670	10.2375 ng/ml
MDA	3.198	204453	2059.41	36.9	216.45	678250	10.3233 ng/ml
MDMA	3.292	113474	1911.50	121.8	660.93	143137	10.0533 ng/ml
Meprobamate	4.901	106110	249.95	27.8	164.86	500239	10.3780 ng/ml
Methadone	5.662	306991	503.98	56.3	3563.10	1230323	9.6889 ng/ml
Methamphetamine	3.226	20572	170.33	46.0	119.10	118202	8.8920 ng/ml
Metoprolol	4.327	47239	70494.30	98.8	1270.61	1610635	10.2301 ng/ml
Mirtazapine	4.634	288531	17312.66	52.3	1027.25	216040	8.4186 ng/ml
Mitragynine	5.243	70490	45274.95	34.5	11164.08	1230323	10.3127 ng/ml
Morphine	1.261	12830	416.92	26.5	104.98	21802	10.2898 ng/ml
Norbuprenorphine	5.004	764	1153.30	97.8	865.88	29466	0.8850 ng/ml
Nordiazepam	5.884	100213	658.73	56.8	633.62	305664	10.1019 ng/ml
Norfentanyl	4.085	33995	1335.64	37.1	27.04	1337071	0.9794 ng/ml
Norhydrocodone	3.074	15306	105.48	41.2	70.31	117543	9.3336 ng/ml
Noroxycodone	2.917	75380	441.50	48.1	1969.33	229947	10.3903 ng/ml
O-desmethyl-tramadol	3.372	363683	30438.67	6.1	518.03	1975060	9.7666 ng/ml
o-desmethylvenlafaxine	4.069	538889	25679.40	16.7	344.92	409064	9.8113 ng/ml
Olanzapine	4.482	48249	1364.32	64.1	2577.11	125909	10.3483 ng/ml
Oxazepam	5.746	160845	3734.00	69.2	663.52	729670	9.9671 ng/ml
Oxycodone	2.842	143764	332.40	29.6	763.12	541159	10.3597 ng/ml
Oxymorphone	1.412	79069	∞	46.7	284.94	252866	10.1823 ng/ml
Phentermine	3.780	19028	83.32	8.3	18.64	205055	10.2734 ng/ml
Promethazine	5.547	253323	1754.05	30.6	721.39	1115090	9.7504 ng/ml
Pseudoephedrine	2.583	271685	693.72	19.5	10824.43	1303637	9.8533 ng/ml
Quetiapine	5.564	204010	318429.58	58.3	34135.11	282862	10.1199 ng/ml
Sertraline	5.779	27279	31.58	98.6	46692.25	104358	10.4742 ng/ml
Temazepam	5.807	269487	4772.71	26.5	223.33	1251605	9.9322 ng/ml
Tramadol	4.246	330326	341.68	3.7	16.85	1610635	10.2209 ng/ml
Trazodone	5.168	254463	524.11	65.7	49964.49	808125	9.8943 ng/ml
Venlafaxine	5.049	336938	663.88	34.3	510.13	1745418	9.8456 ng/ml
Zolpidem	4.925	343982	2778.27	27.0	100637.53	1300311	10.0614 ng/ml

AD

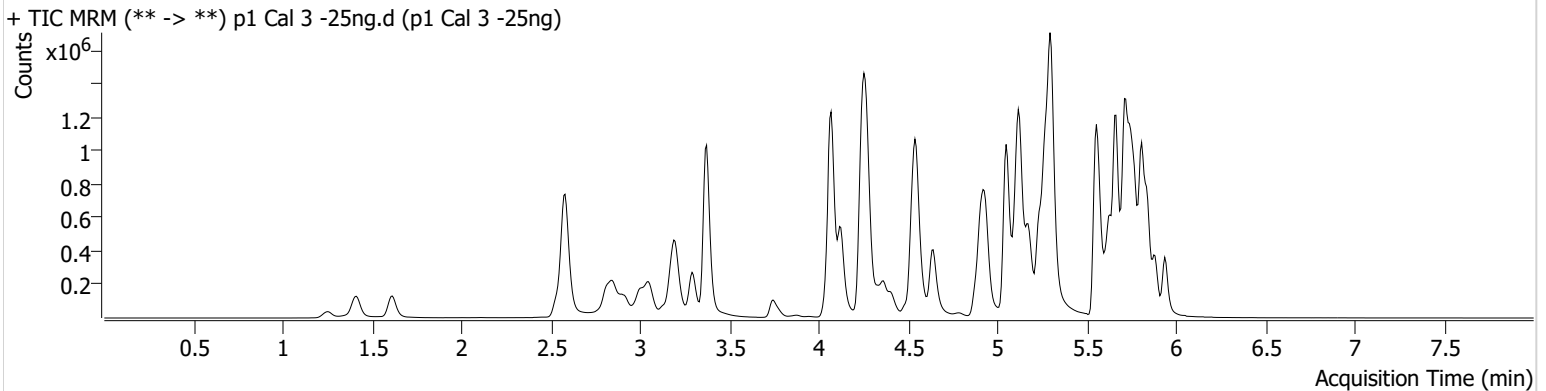


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-C1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:27:54 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	9370	2080.35	72.9	18675.49	101903	2.4930 ng/ml
7-aminoclonazepam	4.265	163696	5157.31	73.4	5409.71	288147	26.5804 ng/ml
a-hydroxyalprazolam	5.695	76661	185.51	66.7	201.85	1103467	25.3029 ng/ml
alpha-PHP	4.942	64534	852.65	258.5	453.78	237942	20.7927 ng/ml
alpha-PVP	4.370	127170	470.52	51.8	464.11	237942	22.3964 ng/ml
Alprazolam	5.765	300936	1098.91	111.3	787.56	471547	24.5247 ng/ml
Amphetamine	3.057	198146	1716.31	50.4	1287.78	144639	26.1240 ng/ml
Benzoylecgonine	3.877	10788	624.85	9.4	112.14	14001	23.2165 ng/ml
Buprenorphine	5.850	12069	1083.00	14.2	1977.87	180298	2.3073 ng/ml
Bupropion	4.792	15912	1060.68	68.8	787.31	23993	22.5350 ng/ml
Carisoprodol	5.720	294562	125311.74	64.5	9563.93	462594	24.0570 ng/ml
Chlordiazepoxide	5.848	162045	4315.56	95.8	1745.04	723282	26.0087 ng/ml
Chlorpheniramine	5.124	826109	19074.55	0.3	70.72	1427796	24.5873 ng/ml
Citalopram	5.231	444459	374.75	34.9	303760.37	718338	24.0403 ng/ml
Clonazepam	5.607	278095	15702.67	38.2	42769.89	162336	26.3451 ng/ml
Clonazolam	5.551	215187	148964.65	37.4	169659.88	162336	26.9827 ng/ml
Cocaine	4.271	314940	5321.11	57.7	6007.06	1098167	24.8517 ng/ml
Codeine	2.586	47563	353.47	97.9	105.69	90427	27.4624 ng/ml
Cyclobenzaprine	5.631	376265	2941854.77	8.0	1999.66	603926	24.0196 ng/ml
Dextromethorphan	5.275	249301	244.46	86.0	2451.24	469816	24.0885 ng/ml
Dextrorphan	4.124	167405	579.87	200.5	876.41	678241	24.1428 ng/ml
Diazepam	5.944	191637	878.06	89.3	350.62	342778	24.9985 ng/ml
Dihydrocodeine	2.565	119579	5793.79	67.0	151.22	278700	27.0575 ng/ml
Diphenhydramine	5.303	1058846	514.19	32.5	8151.86	2016291	23.6027 ng/ml
DMT	2.858	64982	576.97	117.3	983.95	469816	23.3486 ng/ml
Doxylamine	4.545	991901	38039.77	96.9	1559.65	1789472	24.4706 ng/ml
Duloxetine	5.657	25307	1151.13	13.3	214.93	51375	24.4439 ng/ml
EDDP	5.268	473106	7099.14	41.1	225.08	913030	24.6984 ng/ml
Etizolam	5.803	135565	250755.74	24.5	50536.05	162336	24.0722 ng/ml
Fentanyl	5.115	46580	851.34	68.3	866.85	910250	2.6256 ng/ml
Flualprazolam	5.701	145357	4794.78	99.5	17949.90	471547	25.9606 ng/ml
Fluorofentanyl	5.169	110041	2421.25	40.0	28796.85	8026	2.4298 ng/ml
Fluoxetine	5.717	327828	66465.10	7.6	1509.75	431645	24.1059 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	189845	440.36	36.8	152.92	389130	26.1922 ng/ml
Hydromorphone	1.615	155172	2544.37	76.8	465612.60	192535	24.4889 ng/ml
Hydroxyzine	5.714	450288	7595.55	76.7	7774.13	469816	22.9059 ng/ml
Ketamine	4.057	140135	4086.19	34.0	84.92	237391	26.1134 ng/ml
Lamotrigine	4.287	31677	512.04	88.1	57401.63	1305909	21.4720 ng/ml
Lorazepam	5.743	227645	1413.65	49.2	526.79	616909	26.5664 ng/ml
MDA	3.198	499746	2522.35	36.9	457.71	676716	26.3195 ng/ml
MDMA	3.292	281163	6317.11	120.7	3983.38	139657	25.9178 ng/ml
Meprobamate	4.908	238409	754.14	29.2	187.72	466636	26.3676 ng/ml
Methadone	5.662	773035	10004.44	52.9	12301.78	1213142	24.2420 ng/ml
Methamphetamine	3.226	78818	573.98	37.7	230.88	164717	24.3219 ng/ml
Metoprolol	4.334	107502	140866.75	104.2	2152.15	1546565	23.8009 ng/ml
Mirtazapine	4.641	701163	6351.59	52.2	63815.58	237942	14.0111 ng/ml
Mitragynine	5.243	170104	86033.95	36.5	1796.60	1213142	25.2932 ng/ml
Morphine	1.261	29947	444.78	23.7	264.33	20770	25.2328 ng/ml
Norbuprenorphine	5.010	1826	679.58	103.6	3658.09	28609	2.5855 ng/ml
Nordiazepam	5.884	225688	560.81	56.7	838.08	274686	25.4380 ng/ml
Norfentanyl	4.085	80750	379.09	37.5	330.06	1270228	2.4128 ng/ml
Norhydrocodone	3.074	35351	326.16	41.7	239.84	106502	22.8366 ng/ml
Noroxycodone	2.917	172165	275.14	46.8	724.12	215170	24.4370 ng/ml
O-desmethyl-tramadol	3.372	861100	42950.43	6.2	248.98	1858528	24.2223 ng/ml
o-desmethylvenlafaxine	4.069	1272853	79269.74	16.5	1423.11	389287	23.4856 ng/ml
Olanzapine	4.489	119661	1801.56	64.5	805.26	125721	26.6216 ng/ml
Oxazepam	5.746	342024	339.39	70.5	176.45	616909	25.0817 ng/ml
Oxycodone	2.842	334639	12321.47	29.6	846.12	517784	26.1555 ng/ml
Oxymorphone	1.411	184791	∞	45.0	2310.61	238891	25.0409 ng/ml
Phentermine	3.780	66430	220.29	8.0	38.12	287398	25.4231 ng/ml
Promethazine	5.554	651846	1988.37	31.4	457.56	1163610	23.3788 ng/ml
Pseudoephedrine	2.589	671725	627.92	19.5	354.06	1305909	23.8749 ng/ml
Quetiapine	5.564	484608	20895.11	57.9	26506.80	274747	25.5671 ng/ml
Sertraline	5.779	71020	126.96	97.2	8646.67	118225	23.7168 ng/ml
Temazepam	5.807	590667	525.75	26.1	395.97	1103467	24.9350 ng/ml
Tramadol	4.253	806176	656.97	3.3	210.30	1546565	25.3801 ng/ml
Trazodone	5.168	619998	230.12	67.2	381654.58	774292	25.1148 ng/ml
Venlafaxine	5.049	786240	1656.58	35.3	1272.86	1665671	23.4199 ng/ml
Zolpidem	4.932	826970	2409.88	27.4	927.19	1228949	26.0187 ng/ml

AD

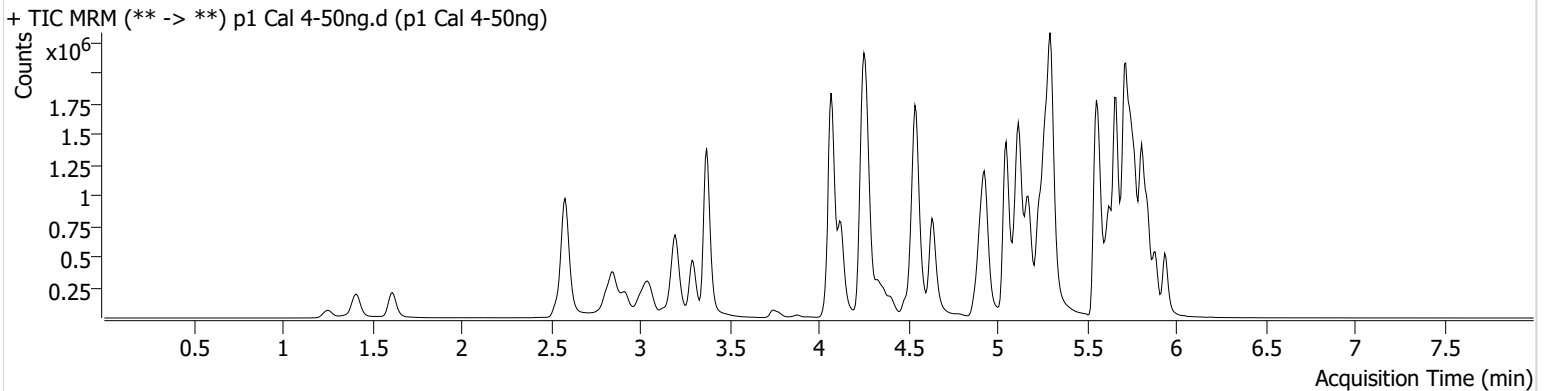


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-D1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:38:31 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	18569	585.84	69.0	196475.71	101667	4.9462 ng/ml
7-aminoclonazepam	4.265	315667	11427.70	72.6	6468.11	277657	53.8847 ng/ml
a-hydroxyalprazolam	5.688	134240	561.79	68.5	426.14	1011835	48.5748 ng/ml
alpha-PHP	4.942	96506	1986.31	256.0	1556.41	144609	49.1203 ng/ml
alpha-PVP	4.370	147591	185.10	52.0	948.20	144609	41.9007 ng/ml
Alprazolam	5.765	562348	1474.72	112.2	733.24	452480	47.4899 ng/ml
Amphetamine	3.057	243677	474.73	51.1	386.78	92943	50.6351 ng/ml
Benzoylecgonine	3.877	21329	2290.41	8.3	169.37	13629	47.0520 ng/ml
Buprenorphine	5.850	25563	2371.99	16.4	1477.27	188400	4.6676 ng/ml
Bupropion	4.792	14491	176.91	69.6	304.23	10813	44.7759 ng/ml
Carisoprodol	5.720	532339	280143.00	65.5	559.66	419509	47.4770 ng/ml
Chlordiazepoxide	5.841	319546	5456.40	94.4	3530.74	685313	55.3086 ng/ml
Chlorpheniramine	5.124	1664100	7576.80	0.3	530.11	1443288	49.0007 ng/ml
Citalopram	5.231	897805	30365.66	35.2	1150.85	695630	49.7518 ng/ml
Clonazepam	5.607	542996	8332.61	36.2	606.09	155624	54.8329 ng/ml
Clonazolam	5.551	387151	13558.17	38.2	158830.98	155624	51.2778 ng/ml
Cocaine	4.271	607362	73434.45	58.1	9156.77	1067981	49.2564 ng/ml
Codeine	2.586	89906	1283.49	102.8	477.23	88829	53.4939 ng/ml
Cyclobenzaprine	5.631	740096	510.41	8.2	288.64	601671	47.0354 ng/ml
Dextromethorphan	5.275	502009	41486.79	83.4	1744.72	458136	49.7499 ng/ml
Dextrorphan	4.124	343605	841.78	196.1	603.47	672754	49.7724 ng/ml
Diazepam	5.944	376162	13862.81	89.5	1239.90	333460	50.6047 ng/ml
Dihydrocodeine	2.565	233527	10756.87	68.3	15202.15	282798	52.8791 ng/ml
Diphenhydramine	5.303	2055645	37106.24	31.7	1077.61	1925704	47.5125 ng/ml
DMT	2.858	129272	1117.97	120.9	10478.82	458136	47.3174 ng/ml
Doxylamine	4.545	1996076	34125.83	97.3	93791.26	1754936	49.9307 ng/ml
Duloxetine	5.657	48606	1127.81	15.1	780.65	48223	50.1448 ng/ml
EDDP	5.268	911297	505.97	42.2	738.49	891045	48.5802 ng/ml
Etizolam	5.803	256704	3198.18	26.4	110818.09	155624	47.2632 ng/ml
Fentanyl	5.108	92869	5464.13	67.5	128.05	920743	5.1948 ng/ml
Flualprazolam	5.701	267647	6184.34	104.2	45898.52	452480	50.3850 ng/ml
Fluorofentanyl	5.169	220806	322.66	39.5	2947.38	7951	4.9118 ng/ml
Fluoxetine	5.710	613454	32558.93	7.9	996.73	412711	46.6527 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	379690	373.39	37.4	∞	385914	53.3692 ng/ml
Hydromorphone	1.615	311582	2244836.85	75.8	2600.18	190942	49.6963 ng/ml
Hydroxyzine	5.714	904917	39582.57	76.8	1697.54	458136	46.3147 ng/ml
Ketamine	4.057	212733	4142.69	35.6	1119.98	181169	52.8526 ng/ml
Lamotrigine	4.287	62519	1919.47	91.5	719.29	1189331	45.3553 ng/ml
Lorazepam	5.743	399936	27490.12	48.9	591.02	553995	53.0206 ng/ml
MDA	3.198	940328	551.00	36.6	707.96	640203	53.0495 ng/ml
MDMA	3.292	542536	9699.29	120.2	2473.18	133003	52.7713 ng/ml
Meprobamate	4.901	448847	771.66	28.1	5486.20	449992	52.4049 ng/ml
Methadone	5.662	1547380	1115.01	54.0	3362.94	1224497	47.7578 ng/ml
Methamphetamine	3.226	75516	301.30	37.8	209.29	82368	46.5350 ng/ml
Metoprolol	4.334	211824	4095.78	103.8	4019.09	1512414	47.6279 ng/ml
Mirtazapine	4.634	1410632	48451.21	51.7	8551.77	144609	37.6413 ng/ml
Mitragynine	5.243	349114	492115.17	35.5	1367.38	1224497	51.4681 ng/ml
Morphine	1.253	59816	503.94	26.0	875.82	20555	50.9409 ng/ml
Norbuprenorphine	5.004	3164	2073.61	104.9	1727.76	28572	4.6889 ng/ml
Nordiazepam	5.884	437262	29886.07	56.1	10621.28	266912	50.8009 ng/ml
Norfentanyl	4.085	162290	296.45	37.3	176.29	1243171	4.9294 ng/ml
Norhydrocodone	3.074	69391	223.33	41.2	126.48	102429	45.9666 ng/ml
Noroxycodone	2.917	338151	519.63	46.9	22302.09	213123	47.8277 ng/ml
O-desmethyl-tramadol	3.372	1719742	79308.22	6.3	420.19	1851792	48.3181 ng/ml
o-desmethylvenlafaxine	4.069	2552773	85053.47	16.3	2506.31	384675	47.0646 ng/ml
Olanzapine	4.482	244836	1491.40	65.9	1913.55	133167	52.0013 ng/ml
Oxazepam	5.746	623347	6339.50	71.0	2512.56	553995	50.9125 ng/ml
Oxycodone	2.842	671875	1473.69	29.7	6414.16	524003	52.5448 ng/ml
Oxymorphone	1.411	349165	∞	48.7	∞	229971	49.0534 ng/ml
Phentermine	3.780	72513	642.71	7.7	371.60	161678	49.2239 ng/ml
Promethazine	5.547	1336481	17737.91	31.3	2024.06	1148844	48.0616 ng/ml
Pseudoephedrine	2.589	1229299	942.27	19.5	13346.25	1189331	47.6699 ng/ml
Quetiapine	5.564	972656	46900.71	58.9	2775.06	276877	51.4821 ng/ml
Sertraline	5.779	144658	471.40	95.3	436.95	117367	48.3746 ng/ml
Temazepam	5.807	1113900	16660.46	26.5	313.11	1011835	51.4544 ng/ml
Tramadol	4.253	1523695	439.54	3.6	159.59	1512414	48.6906 ng/ml
Trazodone	5.168	1213274	283.50	67.0	44557.60	775697	49.0296 ng/ml
Venlafaxine	5.049	1593072	69666.19	34.6	905.57	1627979	48.0655 ng/ml
Zolpidem	4.925	1669506	2658.53	27.2	392.28	1252622	51.8048 ng/ml

AD

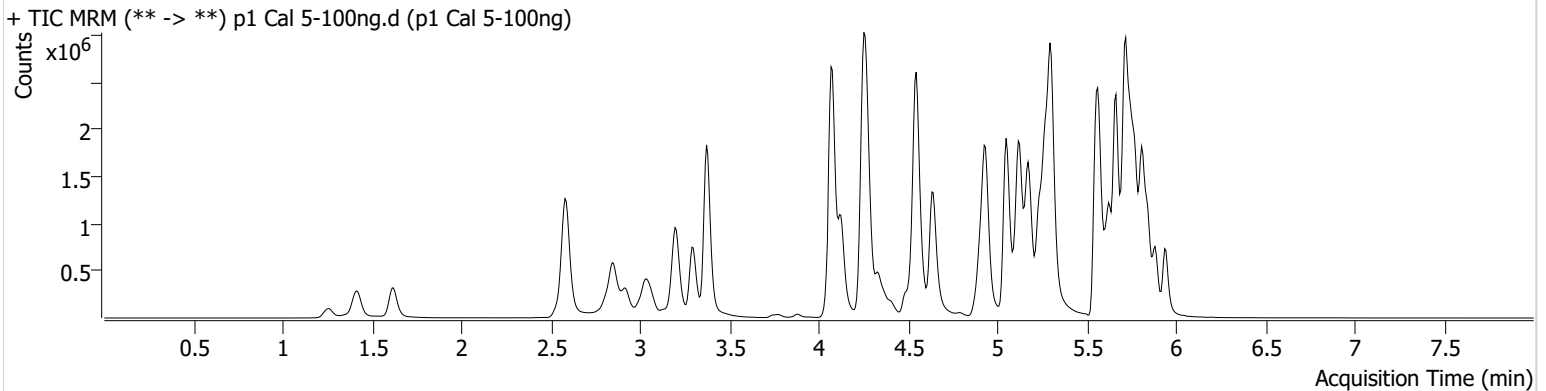


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:49:08 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	34500	976.94	68.7	30376.60	92898	10.0508 ng/ml
7-aminoclonazepam	4.265	547761	215.67	73.3	6292.32	248043	105.3167 ng/ml
a-hydroxyalprazolam	5.688	227276	835.97	66.1	296.80	803739	103.8501 ng/ml
alpha-PHP	4.942	115193	1647.73	257.6	19958.07	75544	110.4380 ng/ml
alpha-PVP	4.370	173802	797.58	52.9	220.93	75544	93.2542 ng/ml
Alprazolam	5.765	1002014	1268.31	108.1	1250.11	379408	100.5965 ng/ml
Amphetamine	3.057	268905	377.15	50.8	524.56	47955	109.0945 ng/ml
Benzoylecgonine	3.877	40600	10176.18	9.0	189.20	13012	93.7132 ng/ml
Buprenorphine	5.850	39361	2219.60	15.5	3827.11	144218	9.3795 ng/ml
Bupropion	4.792	35273	943.99	71.6	352.83	11220	104.0329 ng/ml
Carisoprodol	5.720	838979	3446.02	64.5	564.60	337574	92.5378 ng/ml
Chlordiazepoxide	5.841	531325	12866.66	97.3	4841.66	594588	106.9961 ng/ml
Chlorpheniramine	5.124	2811833	22529.11	0.3	185.26	1187325	100.6503 ng/ml
Citalopram	5.231	1426439	24108.29	35.3	6682.26	562668	97.3746 ng/ml
Clonazepam	5.607	907841	77321.48	36.5	1668.75	134744	106.9369 ng/ml
Clonazolam	5.551	673693	601827.66	38.2	466369.23	134744	103.7933 ng/ml
Cocaine	4.271	1001152	3166252.60	58.9	359.07	887270	97.7041 ng/ml
Codeine	2.593	155638	94.64	99.9	20438.15	79158	104.5809 ng/ml
Cyclobenzaprine	5.631	1165664	20017.99	8.1	499.85	457026	97.1014 ng/ml
Dextromethorphan	5.275	811366	498.72	81.8	423.09	370821	99.3476 ng/ml
Dextrorphan	4.124	571932	1078.49	201.8	30866.73	565569	98.3769 ng/ml
Diazepam	5.944	638810	814.55	89.0	658.68	279400	102.7322 ng/ml
Dihydrocodeine	2.565	412942	613.22	68.0	1060.40	253351	105.2202 ng/ml
Diphenhydramine	5.303	3221579	15367.79	32.3	25238.10	1470780	97.0184 ng/ml
DMT	2.858	222045	8676.51	122.7	14355.04	370821	100.0717 ng/ml
Doxylamine	4.545	3399974	63510.25	96.2	3874.01	1484518	100.2685 ng/ml
Duloxetine	5.657	79457	1957.18	14.1	479.40	38725	102.2048 ng/ml
EDDP	5.268	1371545	212353.67	41.2	8523.76	665726	97.6872 ng/ml
Etizolam	5.810	442784	7280.41	25.6	148689.69	134744	93.8665 ng/ml
Fentanyl	5.115	151317	206.44	67.7	261.43	745170	10.4789 ng/ml
Flualprazolam	5.701	454436	780.03	103.9	6741.92	379408	102.6596 ng/ml
Fluorofentanyl	5.169	357741	5969.92	40.5	2807.99	6318	10.0038 ng/ml
Fluoxetine	5.717	925857	861.28	7.7	134975.76	297157	97.1891 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	656812	241.41	38.7	335.06	352969	101.4191 ng/ml
Hydromorphone	1.622	550109	3219.26	76.3	5709.59	170333	98.4639 ng/ml
Hydroxyzine	5.714	1476933	9335.76	77.4	1766.50	370821	92.5360 ng/ml
Ketamine	4.057	333021	8495.33	34.9	3493.35	142760	105.9045 ng/ml
Lamotrigine	4.287	115067	354.68	91.2	1565.91	954700	102.6903 ng/ml
Lorazepam	5.743	571596	13752.83	50.0	546.82	423785	100.0123 ng/ml
MDA	3.205	1551649	10855.80	36.5	1473.34	539540	104.5498 ng/ml
MDMA	3.298	897965	7348.00	124.4	1076.24	114532	101.6611 ng/ml
Meprobamate	4.908	750524	39396.20	28.4	390.48	390682	101.8314 ng/ml
Methadone	5.662	2481994	28973.18	52.9	2525.17	948198	98.5793 ng/ml
Methamphetamine	3.226	54984	264.43	38.0	173.29	30729	90.7536 ng/ml
Metoprolol	4.334	377539	313647.89	100.4	6909.41	1228236	104.1415 ng/ml
Mirtazapine	4.641	2379287	5736.80	51.8	2440.34	75544	113.1012 ng/ml
Mitragynine	5.243	538073	4009.58	35.4	1423.28	948198	102.4774 ng/ml
Morphine	1.261	107445	1718.35	25.9	455.25	18123	103.8003 ng/ml
Norbuprenorphine	5.004	5833	6943.31	106.2	3718.34	24681	10.3225 ng/ml
Nordiazepam	5.883	722476	6185.44	56.8	1319.74	221344	101.2978 ng/ml
Norfentanyl	4.085	276406	∞	37.7	111.94	1068636	9.7432 ng/ml
Norhydrocodone	3.074	122124	456.46	40.2	170.04	85884	95.8056 ng/ml
Noroxycodone	2.917	569240	343.06	46.9	33662.59	177464	96.0358 ng/ml
O-desmethyl-tramadol	3.372	3089123	55416.62	6.2	11082.84	1613530	99.3622 ng/ml
o-desmethylvenlafaxine	4.076	4545152	185410.27	16.3	5976.97	333526	96.0329 ng/ml
Olanzapine	4.482	448144	1598.33	64.7	1158.42	117384	108.6464 ng/ml
Oxazepam	5.746	939658	921.83	72.1	391.52	423785	100.3371 ng/ml
Oxycodone	2.842	1173475	2615.93	29.8	1616.74	457305	105.8242 ng/ml
Oxymorphone	1.411	643041	1065.80	44.9	∞	202387	102.5425 ng/ml
Phentermine	3.780	64960	1785.32	7.3	78.84	72194	98.6421 ng/ml
Promethazine	5.554	2080046	22637.99	30.8	33610.39	873733	97.8793 ng/ml
Pseudoephedrine	2.589	2013809	5526.68	19.3	6662.89	954700	96.9690 ng/ml
Quetiapine	5.564	1675361	99811.25	59.3	475072.87	240035	102.8448 ng/ml
Sertraline	5.779	228788	982.54	93.3	1793.27	89242	100.3271 ng/ml
Temazepam	5.813	1771912	774.87	26.5	709.69	803739	103.2056 ng/ml
Tramadol	4.253	2521400	6799.84	3.6	360.72	1228236	98.8127 ng/ml
Trazodone	5.168	2119545	46754.15	69.2	36720.56	677595	98.0239 ng/ml
Venlafaxine	5.049	2732618	2957.61	33.8	1070.79	1380878	96.7379 ng/ml
Zolpidem	4.932	3026334	751633.41	26.9	4008.06	1126686	104.6835 ng/ml

AD

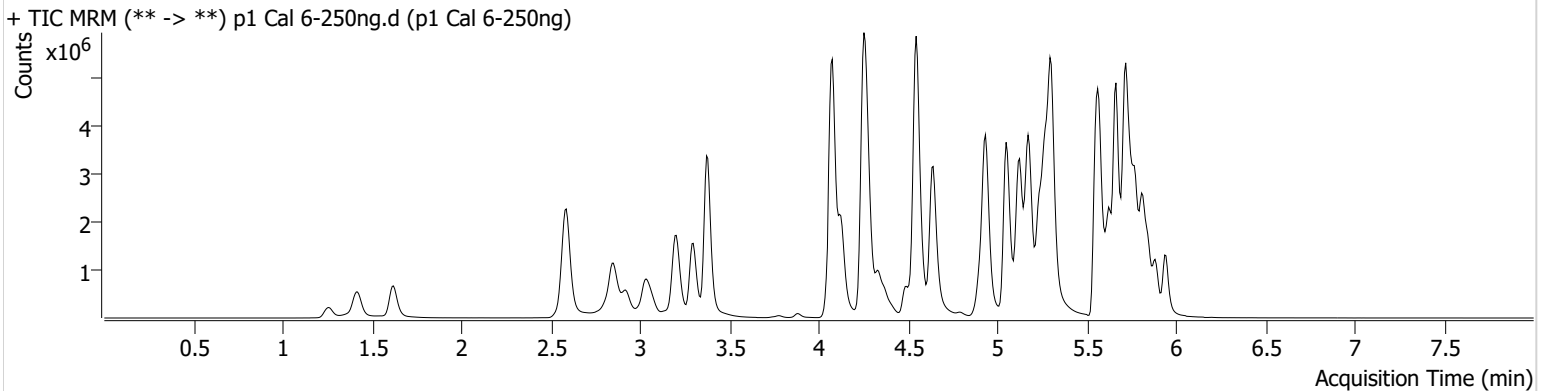


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 6-250ng.d
Type Cal **Sample** p1 Cal 6-250ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-F1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 3:59:45 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	81142	62409.06	70.5	136450.31	89766	24.4552 ng/ml
7-aminoclonazepam	4.265	1008655	20454.12	73.8	38187.30	194446	248.3175 ng/ml
a-hydroxyalprazolam	5.688	333432	729.75	67.6	848.82	510254	240.3554 ng/ml
alpha-PHP	4.942	297818	10651.09	255.8	4516.60	80286	266.6580 ng/ml
alpha-PVP	4.370	513167	5542.13	52.2	628.20	80286	257.3819 ng/ml
Alprazolam	5.765	1989288	1987.97	106.5	∞	295406	256.0626 ng/ml
Amphetamine	3.057	497214	5531.57	50.3	2194.86	39837	243.6773 ng/ml
Benzoylecgonine	3.877	101179	329.45	8.8	2673.80	12230	248.3193 ng/ml
Buprenorphine	5.850	100077	4565.94	15.2	18309.57	138102	24.8891 ng/ml
Bupropion	4.792	86907	214.28	68.3	148.62	10669	268.3734 ng/ml
Carisoprodol	5.727	1293414	383.58	63.7	239.72	189249	253.6541 ng/ml
Chlordiazepoxide	5.848	919630	8008.90	103.0	3974.74	470578	235.2884 ng/ml
Chlorpheniramine	5.124	6690691	23203.36	0.3	429.48	1109963	256.1936 ng/ml
Citalopram	5.231	3270204	206913.53	34.8	24188.11	488450	256.5610 ng/ml
Clonazepam	5.607	1616286	905.19	37.2	456.47	101093	255.3152 ng/ml
Clonazolam	5.551	1072676	6105.98	39.0	125381.56	101093	221.0916 ng/ml
Cocaine	4.271	2234814	109698.35	58.8	95627.79	782143	247.3752 ng/ml
Codeine	2.593	303395	492.58	99.7	11617.15	65714	246.5220 ng/ml
Cyclobenzaprine	5.631	2693777	155659.83	7.8	239.33	412221	248.1644 ng/ml
Dextromethorphan	5.275	1754650	15788.94	81.0	34467.97	314764	253.1209 ng/ml
Dextrorphan	4.124	1306019	49013.53	202.3	1753.45	517376	245.3113 ng/ml
Diazepam	5.944	1354901	7039.96	88.3	10636.95	239797	254.1157 ng/ml
Dihydrocodeine	2.565	883321	20235.84	68.8	5876.81	236420	242.3182 ng/ml
Diphenhydramine	5.303	7385295	252954.51	31.1	50952.03	1269254	256.9763 ng/ml
DMT	2.858	474581	7288.15	131.0	24224.68	314764	251.5166 ng/ml
Doxylamine	4.545	8161534	240577.40	95.4	223677.24	1365418	261.2539 ng/ml
Duloxetine	5.657	154465	1758.32	14.8	1004.17	31285	246.1054 ng/ml
EDDP	5.268	3043046	19105.93	41.2	117689.00	588413	244.9563 ng/ml
Etizolam	5.803	880773	4677.34	26.5	2157.53	101093	248.3860 ng/ml
Fentanyl	5.108	356234	1070.94	65.7	11806.77	703304	26.1686 ng/ml
Flualprazolam	5.701	783091	22665.64	105.1	119797.48	295406	227.9609 ng/ml
Fluorofentanyl	5.169	846120	8720.90	40.7	176627.85	6442	23.1942 ng/ml
Fluoxetine	5.717	1721346	38600.17	7.6	149476.05	217647	245.8587 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	1494611	∞	38.6	1274.95	327915	249.1989 ng/ml
Hydromorphone	1.622	1241530	6281806.69	76.6	4409748.10	152435	248.4810 ng/ml
Hydroxyzine	5.714	3413319	6884.28	77.5	22429.59	314764	250.4973 ng/ml
Ketamine	4.057	975459	56855.78	34.7	3063.86	173079	257.1662 ng/ml
Lamotrigine	4.287	233418	14662.02	91.3	2298.93	807596	244.8446 ng/ml
Lorazepam	5.736	721840	5281.40	50.9	734.20	241227	223.2188 ng/ml
MDA	3.205	3190199	2525.36	36.4	3638.20	466881	249.3840 ng/ml
MDMA	3.298	1968345	114131.00	123.4	8514.32	99086	257.9658 ng/ml
Meprobamate	4.901	1360084	26367.01	28.0	390.49	331581	218.5339 ng/ml
Methadone	5.662	6025072	94590.63	51.4	51368.70	860385	263.1860 ng/ml
Methamphetamine	3.226	69113	1028.65	39.3	200.26	14836	236.1609 ng/ml
Metoprolol	4.334	828507	274216.54	100.9	18433.84	1050677	266.6522 ng/ml
Mirtazapine	4.641	5738751	341031.20	50.9	19204.03	80286	251.8811 ng/ml
Mitragynine	5.243	1239800	1384432.83	36.0	1122070.59	860385	260.2806 ng/ml
Morphine	1.261	237738	4488.22	26.3	1102.58	16694	249.3540 ng/ml
Norbuprenorphine	5.004	14501	19945.16	94.4	14158.37	25498	25.2302 ng/ml
Nordiazepam	5.884	1362184	21135.61	56.7	618.32	166352	254.2498 ng/ml
Norfentanyl	4.091	596486	720.08	36.8	2039.31	891468	25.1664 ng/ml
Norhydrocodone	3.074	266400	∞	40.1	424.94	68526	260.8564 ng/ml
Noroxycodone	2.917	1118299	2896.46	47.3	1264.21	139576	238.9195 ng/ml
O-desmethyl-tramadol	3.379	7186447	58964.77	6.0	940.11	1440895	258.4753 ng/ml
o-desmethylvenlafaxine	4.076	10384351	263331.85	15.9	5605.16	287672	253.4163 ng/ml
Olanzapine	4.482	1105201	3376.02	65.8	25867.23	119992	262.9912 ng/ml
Oxazepam	5.746	1317253	12847.79	70.3	1679.61	241227	247.1183 ng/ml
Oxycodone	2.842	2542334	5431.81	29.6	2871.78	432300	243.3883 ng/ml
Oxymorphone	1.418	1335181	773.00	46.9	∞	172920	249.0526 ng/ml
Phentermine	3.780	97448	454.74	7.6	29.08	42702	250.0006 ng/ml
Promethazine	5.547	5058042	3021.54	29.8	6405.04	806235	257.1978 ng/ml
Pseudoephedrine	2.589	4412821	61161.13	19.2	∞	807596	250.7095 ng/ml
Quetiapine	5.570	3669236	896.82	60.2	33802.15	212073	255.7772 ng/ml
Sertraline	5.779	467503	20386.12	91.9	23466.66	71798	254.3944 ng/ml
Temazepam	5.813	2833988	29610.34	26.2	240.57	510254	260.2568 ng/ml
Tramadol	4.253	5606916	∞	3.3	∞	1050677	256.2463 ng/ml
Trazodone	5.168	4904751	866.20	72.9	132913.57	629392	244.1606 ng/ml
Venlafaxine	5.049	6380762	358966.44	33.5	2189.32	1238597	251.1081 ng/ml
Zolpidem	4.932	6947857	257891.25	26.4	11459.41	1040557	260.6346 ng/ml

AD

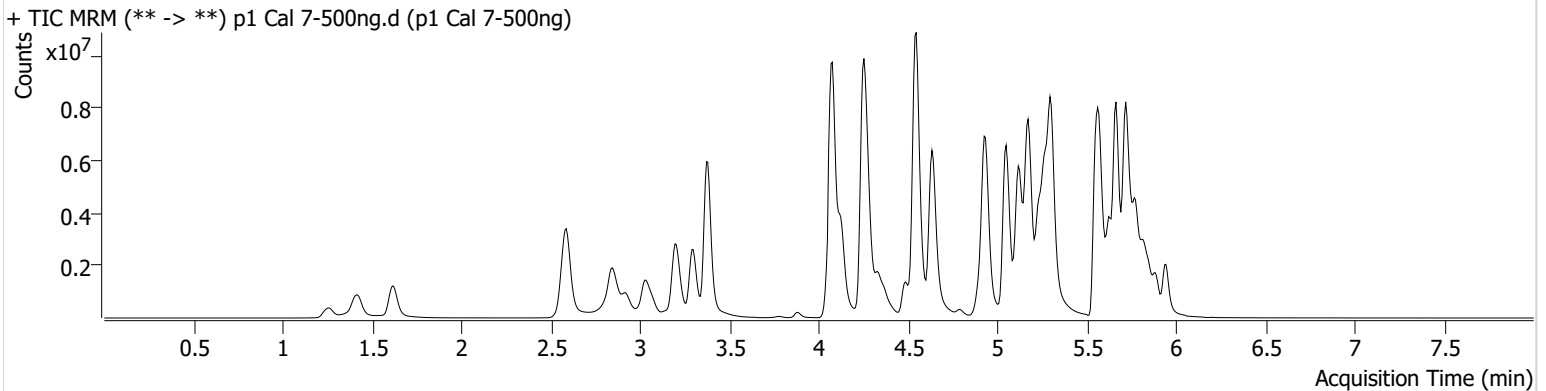


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng.d
Type Cal **Sample** p1 Cal 7-500ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-G1 **Comment**
Injection Volume 2
Acq. Date-Time 11/1/2022 4:10:22 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	183141	4231.18	70.9	4522.92	97740	50.6865 ng/ml
7-aminoclonazepam	4.265	1465297	11611.60	72.3	8449.21	169039	415.4195 ng/ml
a-hydroxyalprazolam	5.688	370676	533.63	67.2	306.38	291824	467.4679 ng/ml
alpha-PHP	4.942	460603	4980.54	256.1	7690.62	64655	510.8321 ng/ml
alpha-PVP	4.370	891291	1372.96	53.1	459.06	64655	554.0045 ng/ml
Alprazolam	5.772	3218460	962.73	108.6	5583.43	237316	515.4013 ng/ml
Amphetamine	3.057	701605	740.49	50.2	491.80	31361	437.3379 ng/ml
Benzoylcegonine	3.877	246761	34035.55	8.4	338.74	14543	509.1933 ng/ml
Buprenorphine	5.850	205366	12308.40	14.7	47926.28	130531	54.0258 ng/ml
Bupropion	4.792	303930	502.35	69.4	4826.69	19558	511.3091 ng/ml
Carisoprodol	5.727	1452258	260334.04	63.4	10184.53	103280	521.3774 ng/ml
Chlordiazepoxide	5.848	1262905	6979.74	114.6	7666.97	373785	407.5821 ng/ml
Chlorpheniramine	5.124	13416153	11683.52	0.3	490.57	1110685	513.3890 ng/ml
Citalopram	5.231	5966193	151938.47	34.4	206083.72	447433	510.6219 ng/ml
Clonazepam	5.607	2201842	20134.08	36.0	1171604.86	75441	467.0128 ng/ml
Clonazolam	5.551	1298260	37976.72	40.2	110684.94	75441	359.0272 ng/ml
Cocaine	4.271	4420715	818560.57	58.6	46664.57	758153	504.7933 ng/ml
Codeine	2.593	528520	10837.65	99.7	43306.15	61995	455.8003 ng/ml
Cyclobenzaprine	5.631	5232610	∞	7.3	324.18	374441	530.2399 ng/ml
Dextromethorphan	5.275	3085378	45423.40	80.8	518.34	276869	506.0146 ng/ml
Dextrorphan	4.124	2613889	2160.37	202.2	88947.62	490717	517.4507 ng/ml
Diazepam	5.944	2377671	9215.56	89.2	456.25	216928	493.1020 ng/ml
Dihydrocodeine	2.558	1722704	33652.91	69.3	15897.81	263855	424.0954 ng/ml
Diphenhydramine	5.303	12510921	150382.27	31.7	100007.31	1040801	530.3983 ng/ml
DMT	2.858	918769	55420.57	138.5	1584.08	276869	553.2066 ng/ml
Doxylamine	4.545	16245950	7253.37	94.9	358927.84	1344300	527.9344 ng/ml
Duloxetine	5.650	257227	2088.33	13.4	16381.54	24494	523.5962 ng/ml
EDDP	5.268	5530589	102617.21	40.5	1346.57	511374	512.0782 ng/ml
Etizolam	5.810	1535557	92125.61	26.2	523895.57	75441	579.8961 ng/ml
Fentanyl	5.108	709526	1969.58	65.3	121292.79	751981	48.7646 ng/ml
Flualprazolam	5.695	1035769	1235.17	111.3	16980.15	237316	375.7214 ng/ml
Fluorofentanyl	5.169	1635859	14986.47	42.3	13442.26	5522	52.3014 ng/ml
Fluoxetine	5.717	2707938	133544.57	7.6	50095.31	156462	537.3721 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	3018796	300.17	39.8	∞	342865	481.8848 ng/ml
Hydromorphone	1.622	2598376	6567030.65	76.3	1527433.51	156917	505.2995 ng/ml
Hydroxyzine	5.714	6349116	64113.04	81.1	64031.64	276869	528.7882 ng/ml
Ketamine	4.050	2021621	180327.57	33.6	4769.70	189310	488.0988 ng/ml
Lamotrigine	4.287	392481	679.24	93.0	19540.68	654354	507.0246 ng/ml
Lorazepam	5.743	740768	11550.45	49.0	803.66	119038	465.3905 ng/ml
MDA	3.198	5447082	1756.57	35.8	1235.19	427514	465.6331 ng/ml
MDMA	3.298	3442669	7882.95	121.2	9896.77	90514	494.1434 ng/ml
Meprobamate	4.901	2096816	56909.50	28.4	14006.02	320689	348.9305 ng/ml
Methadone	5.662	11207127	8184.20	51.8	103355.09	808720	520.5061 ng/ml
Methamphetamine	3.226	234684	3017.24	38.6	2996.94	20533	579.3189 ng/ml
Metoprolol	4.334	1527460	81276.61	103.1	6942.82	991655	520.5584 ng/ml
Mirtazapine	4.634	12193965	257011.27	49.4	105573.22	64655	658.4052 ng/ml
Mitragynine	5.243	2182359	111501.82	37.2	61223.66	808720	487.4611 ng/ml
Morphine	1.261	483955	401.80	26.0	129.17	16994	498.6429 ng/ml
Norbuprenorphine	5.004	29874	1513897.20	100.8	60417.44	26397	50.4817 ng/ml
Nordiazepam	5.890	1994833	48301.46	58.8	337.74	132229	468.4829 ng/ml
Norfentanyl	4.091	1041703	33743.57	37.5	331.53	732313	53.4753 ng/ml
Norhydrocodone	3.074	564539	270.84	41.8	595.89	64438	587.0918 ng/ml
Noroxycodone	2.917	1822647	1881.26	47.6	762.97	110292	492.1107 ng/ml
O-desmethyl-tramadol	3.379	14818439	74944.23	6.0	444.83	1452873	528.3388 ng/ml
o-desmethylvenlafaxine	4.076	20811307	273928.58	15.4	1829.89	275227	530.1977 ng/ml
Olanzapine	4.482	2328191	66010.40	68.8	1490.35	139743	476.2120 ng/ml
Oxazepam	5.746	1280116	11943.06	69.9	4969.66	119038	486.6695 ng/ml
Oxycodone	2.835	4892755	1829.63	29.6	2119.21	466856	434.2528 ng/ml
Oxymorphone	1.418	2731782	∞	46.2	∞	169880	518.5709 ng/ml
Phentermine	3.780	127782	321.68	7.6	84.67	28252	495.3884 ng/ml
Promethazine	5.547	10276631	52523.00	29.2	2095.69	796627	528.3830 ng/ml
Pseudoephedrine	2.589	7472667	85397.13	18.8	181364.43	654354	523.6459 ng/ml
Quetiapine	5.570	6876802	100186.68	60.3	9417.56	207510	490.4315 ng/ml
Sertraline	5.779	911372	664.07	94.1	33176.18	71323	498.9728 ng/ml
Temazepam	5.813	3005981	49301.76	26.8	8489.26	291824	482.8159 ng/ml
Tramadol	4.246	10199354	2406.27	3.1	∞	991655	493.5131 ng/ml
Trazodone	5.168	9952688	220976.17	76.0	695.18	611092	510.2535 ng/ml
Venlafaxine	5.049	13156598	2447.67	31.5	938.24	1206661	530.9612 ng/ml
Zolpidem	4.925	14504936	691818.71	26.0	66526.30	1122652	504.5912 ng/ml

AD

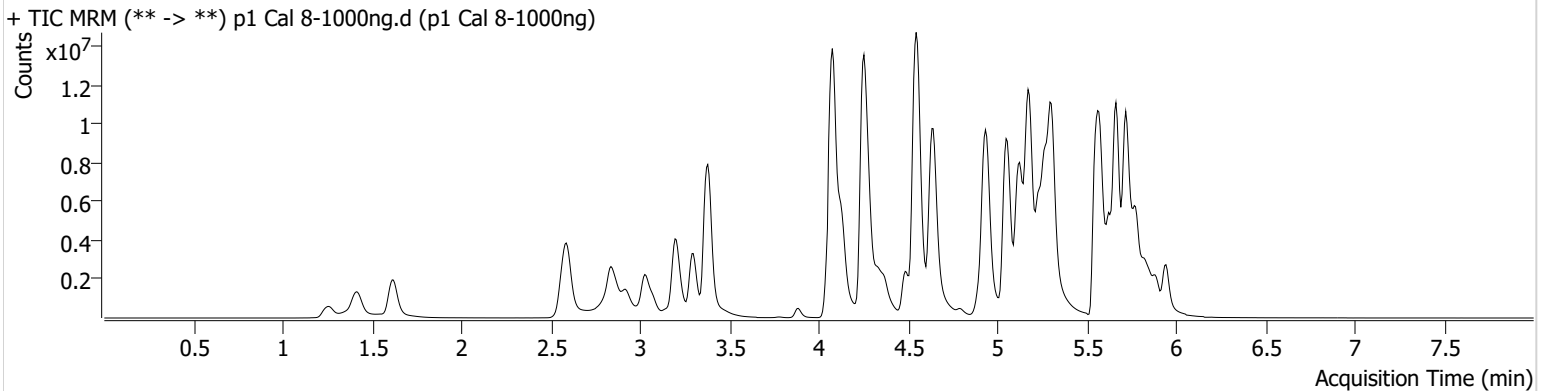


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\103122 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 11/3/2022 12:54:38 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	11/1/2022 4:20:58 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	374188	2885.32	67.7	2599.68	97652	103.6479 ng/ml
7-aminoclonazepam	4.265	1307835	∞	72.7	5155.58	107475	583.4463 ng/ml
a-hydroxyalprazolam	5.688	380852	338.68	65.6	469.89	132221	1060.4239 ng/ml
alpha-PHP	4.948	806906	966.08	258.0	43335.15	59109	977.5914 ng/ml
alpha-PVP	4.370	1752019	1574.78	53.5	1126.06	59109	1190.1003 ng/ml
Alprazolam	5.772	4335194	118.26	106.0	118.50	162980	1010.6060 ng/ml
Amphetamine	3.057	582211	570.37	50.2	3025.99	15080	755.2224 ng/ml
Benzoylecgonine	3.884	586191	11789.20	8.7	665.98	14990	1173.3771 ng/ml
Buprenorphine	5.850	331544	5659.17	15.5	44781.68	100400	113.3856 ng/ml
Bupropion	4.792	355615	74915.05	68.6	3417.17	10911	1071.5847 ng/ml
Carisoprodol	5.727	1409923	688.79	66.6	13596.05	47699	1095.4776 ng/ml
Chlordiazepoxide	5.848	1485540	5658.48	125.0 High	43390.85	255188	703.0360 ng/ml
Chlorpheniramine	5.127	21460237	20062.02	0.3	2146.18	928147	982.7183 ng/ml
Citalopram	5.231	8289181	70390.23	34.4	385824.85	309090	1026.5979 ng/ml
Clonazepam	5.607	2486685	2509.40	36.1	22464.11	48009	829.6766 ng/ml
Clonazolam	5.544	1255786	153346.47	38.8	560214.30	48009	546.0956 ng/ml
Cocaine	4.271	7341146	115906.86	57.6	85069.68	613066	1036.6294 ng/ml
Codeine	2.593	885832	24021.83	96.2	10351.33	53201	890.9054 ng/ml
Cyclobenzaprine	5.631	7794046	193726.88	7.0	299.33	274322	1077.6415 ng/ml
Dextromethorphan	5.282	4356862	36833.51	80.6	176200.61	193132	1024.3551 ng/ml
Dextrorphan	4.124	4273569	1811.86	209.5	1077.78	399056	1040.1506 ng/ml
Diazepam	5.944	3527564	∞	90.0	37521.41	166938	950.8028 ng/ml
Dihydrocodeine	2.558	2872787	49859.90	69.2	32270.00	260113	717.9974 ng/ml
Diphenhydramine	5.303	17854501	850891.88	32.9	78291.62	753977	1044.4527 ng/ml
DMT	2.858	1504404	32726.55	144.8	73044.19	193132	1298.1595 ng/ml
Doxylamine	4.545	25107303	281319.77	95.9	336095.13	1188078	922.9783 ng/ml
Duloxetine	5.650	259467	5499.47	16.0	733.14	13342	969.7488 ng/ml
EDDP	5.268	9362973	60953.91	39.5	19586.42	418263	1059.7223 ng/ml
Etizolam	5.810	2162066	9417.00	25.9	438779.94	48009	1282.6820 ng/ml
Fentanyl	5.108	1100683	2169.27	66.3	854357.66	664395	85.6359 ng/ml
Flualprazolam	5.695	1180912	6410.04	110.7	5187.63	162980	624.1642 ng/ml
Fluorofentanyl	5.169	2588787	41250.43	43.1	7598.28	4321	105.7608 ng/ml
Fluoxetine	5.717	3262729	13498.24	7.6	2837.69	94012	1077.0104 ng/ml

AD



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	5428319	∞	39.0	∞	325706	912.6434 ng/ml
Hydromorphone	1.622	4646256	9696284.07	76.5	7770125.79	141490	1002.1681 ng/ml
Hydroxyzine	5.714	9791645	168010.11	78.7	6734.45	193132	1168.0599 ng/ml
Ketamine	4.050	4147404	1641891.51	33.2	14043.77	229025	828.3437 ng/ml
Lamotrigine	4.294	505021	22567.33	92.0	23378.34	368342	1157.6992 ng/ml
Lorazepam	5.743	730147	13543.16	52.2	288.81	51713	1057.3082 ng/ml
MDA	3.198	8269663	19694.42	35.1	7602.93	331072	913.5234 ng/ml
MDMA	3.298	4303235	19040.68	124.8	38197.31	63395	882.0853 ng/ml
Meprobamate	4.901	2740478	43686.88	27.8	∞	265938	550.4925 ng/ml
Methadone	5.662	16600731	1765.25	55.8	5224.15	622483	1001.3824 ng/ml
Methamphetamine	3.226	82188	527.57	38.4	344.94	3702	1125.1358 ng/ml
Metoprolol	4.334	2309758	198535.77	104.0	3785.43	844703	923.8567 ng/ml
Mirtazapine	4.641	20519820	275401.06	51.6	167331.19	59109	1208.7384 ng/ml
Mitragynine	5.243	3132641	4081.09	36.6	550529.27	622483	909.0979 ng/ml
Morphine	1.261	817486	∞	25.2	1713.05	15394	929.8886 ng/ml
Norbuprenorphine	5.004	61014	4639.05	98.1	11038.97	26316	103.7119 ng/ml
Nordiazepam	5.890	2565036	196462.15	56.0	31917.98	79671	999.8861 ng/ml
Norfentanyl	4.091	1391478	540.30	37.2	969.77	394573	132.5376 ng/ml
Norhydrocodone	3.074	1089044	152.36	42.0	128.68	55573	1312.4400 ng/ml
Noroxycodone	2.917	2639534	4821.82	47.4	∞	76650	1024.7696 ng/ml
O-desmethyl-tramadol	3.379	23258709	324717.90	6.6	1695.44	1224819	983.4742 ng/ml
o-desmethylvenlafaxine	4.076	31553745	1002917.86	16.0	33486.10	205580	1075.6128 ng/ml
Olanzapine	4.482	4283117	3501.35	68.9	4299.00	151646	807.7407 ng/ml
Oxazepam	5.746	1162320	6285.98	70.1	2541.99	51713	1017.1821 ng/ml
Oxycodone	2.828	7890445	∞	29.2	681.11	435871	750.5774 ng/ml
Oxymorphone	1.411	4624392	∞	46.3	∞	157104	949.1479 ng/ml
Phentermine	3.780	93977	1140.42	7.9	96.01	10202	1008.8313 ng/ml
Promethazine	5.547	15958763	2036.34	30.0	79117.34	631196	1035.1546 ng/ml
Pseudoephedrine	2.596	8556019	106625.20	18.8	2549.83	368342	1064.8003 ng/ml
Quetiapine	5.570	10136813	199813.28	58.1	133052.71	163495	918.0405 ng/ml
Sertraline	5.779	1171849	12657.39	88.7	123458.47	44481	1028.4525 ng/ml
Temazepam	5.813	2657865	21137.44	27.5	4656.18	132221	942.3675 ng/ml
Tramadol	4.246	13354203	∞	3.7	∞	844703	758.3703 ng/ml
Trazodone	5.175	16028745	1061.26	77.8	198559.47	482545	1040.6406 ng/ml
Venlafaxine	5.049	20830168	13065.40	32.8	∞	957686	1058.7406 ng/ml
Zolpidem	4.936	22615415	177390.24	27.8	95117.11	1057036	835.7523 ng/ml

AD

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

Extraction Date: 11/2/2022

Analyst: Amber Gerheart

Plate lot#: 220802

Plate Retest Date: 02/02/2023

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52015-2

Blank Urine Lot: N/A

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:** In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate.
Pipette ID: 42
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. **Skipped per deviation**
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. 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)
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate**.
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 13. Add **900uL ethyl acetate**.
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. **Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.**
- 18. 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: Only methamphetamine evaluated in this analysis.

Samples analyzed: M2022-3941-1, M2022-4086-1, P2022-3133-1, P2022-3139-1, P2022-3140-1, P2022-3175-1

Curve range: methamphetamine 5-500 ng/mL

Cal 8 dropped due to accuracy

2/27

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2022-3133-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2022-3139-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2022-3140-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2022-3175-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Negative Blood	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2022-3941-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2022-4086-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2022-	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

AD

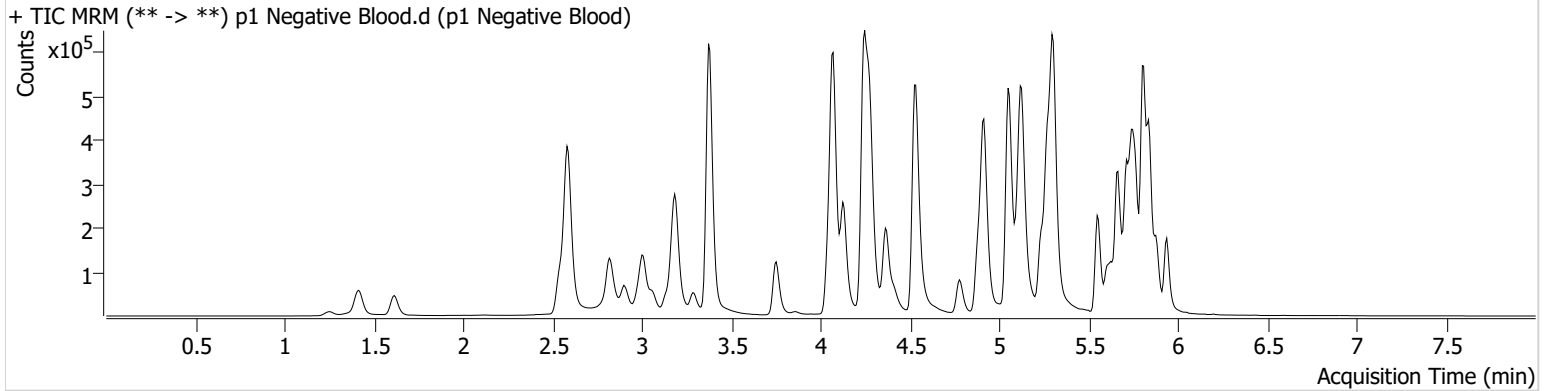


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 3:49:57 PM		
Sample Info.			

Sample Chromatogram



ADY

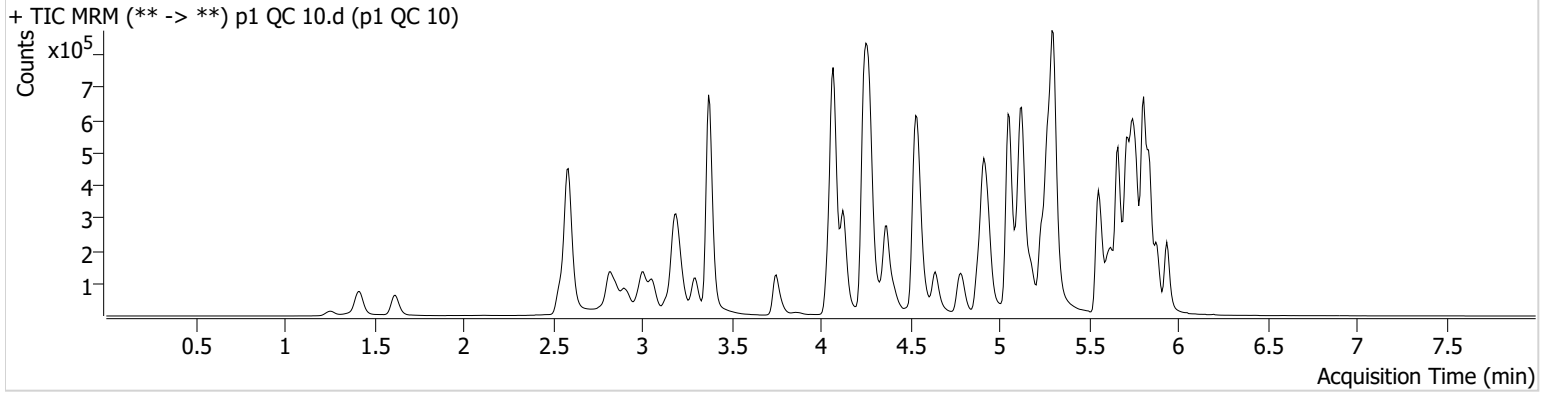


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-A2 **Comment**
Injection Volume 2
Acq. Date-Time 11/2/2022 2:35:31 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	63908	324.86	38.8	114.40	275861	10.0213 ng/ml

AD

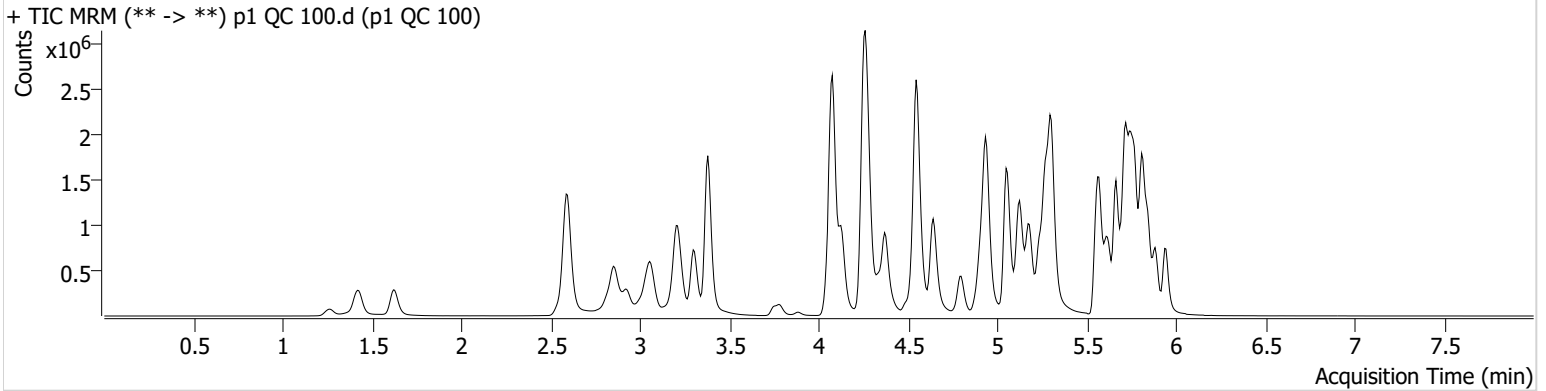


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 11/2/2022 6:18:42 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	383339	1641.09	38.9	504.22	183371	92.8685 ng/ml

AD

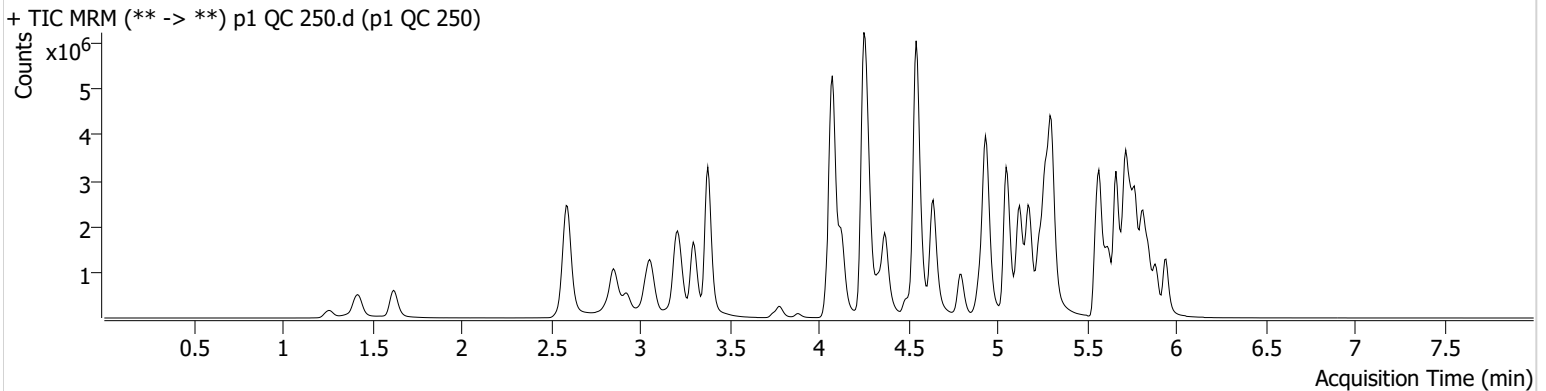


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 11/2/2022 2:56:47 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	1041314	1390.91	38.4	591.53	197332	234.8872 ng/ml

ADY

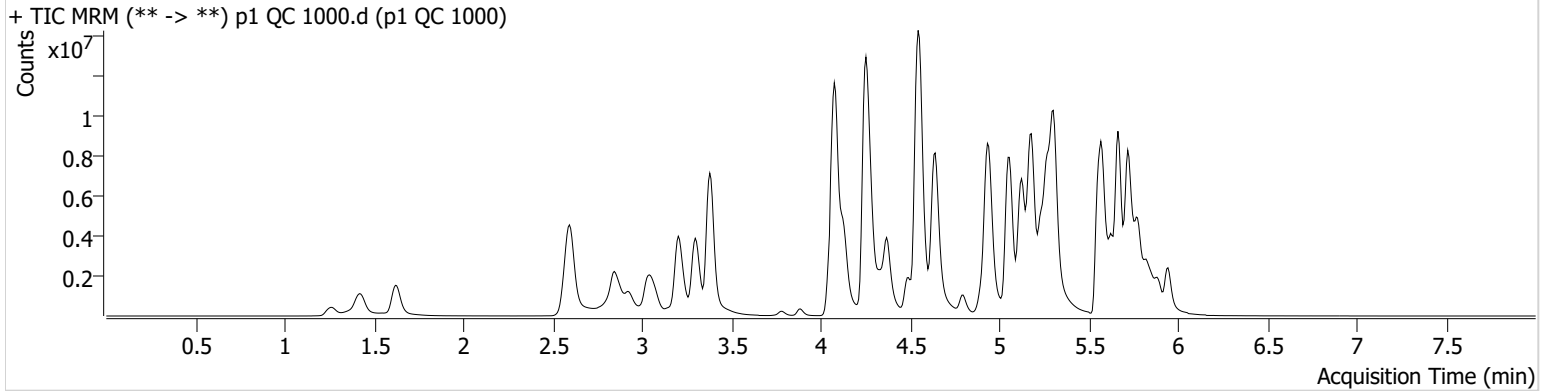


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-D2 **Comment**
Injection Volume 2
Acq. Date-Time 11/2/2022 3:18:01 PM
Sample Info.

Sample Chromatogram



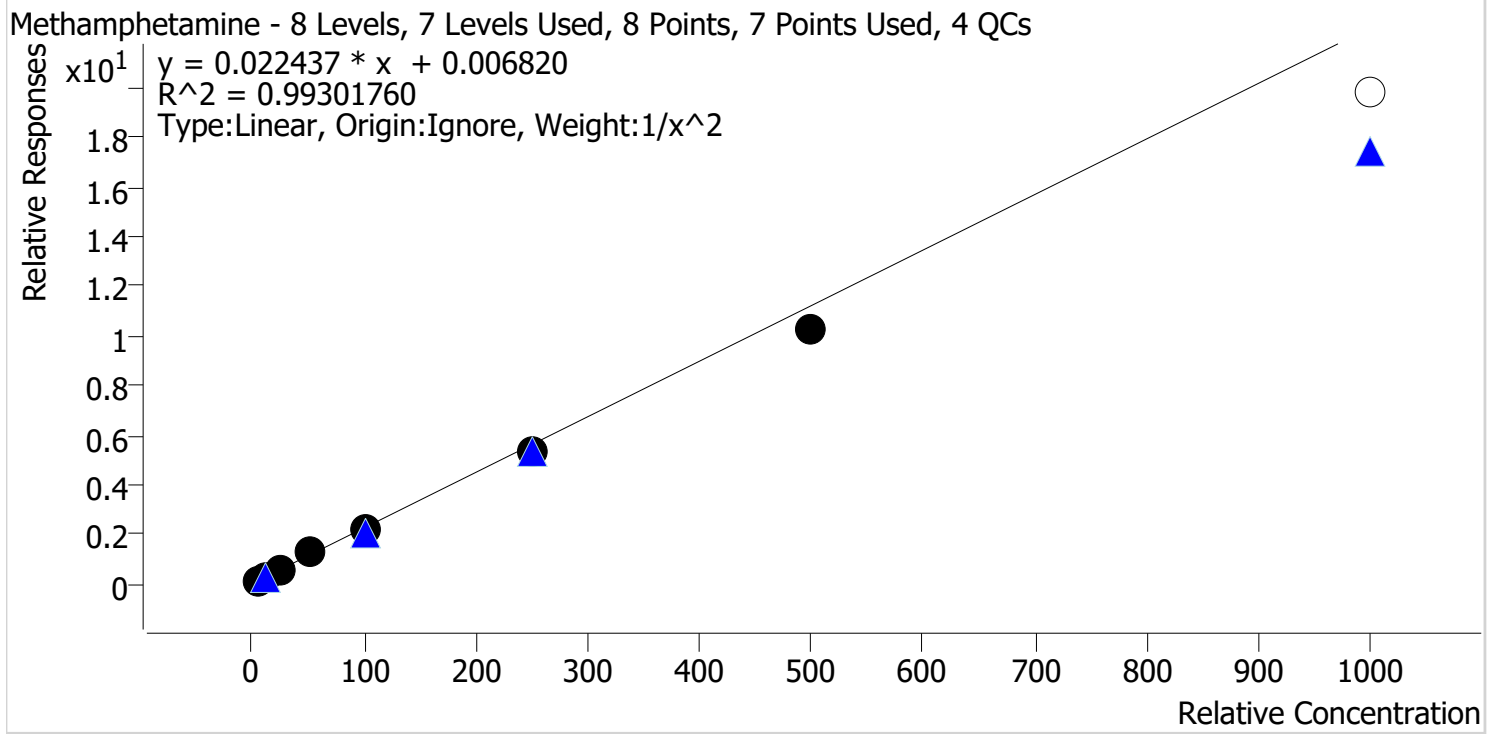
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.226	431162	757.20	38.8	2137.07	24654	779.1621 ng/ml

204



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Last Cal. Update 11/2/2022 6:44 PM
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	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	56.4	112.7
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	235.0	94.0
p1 Cal 7-500ng	7	✓	500.0	458.7	91.7
p1 Cal 8-1000ng	8	✗	1000.0	883.4	88.3

AD

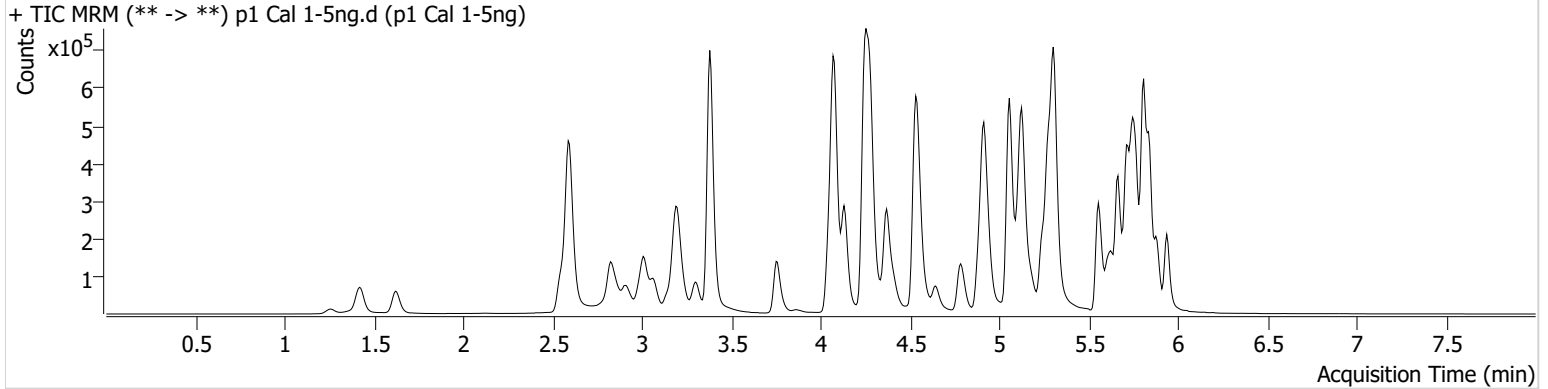


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 12:38:35 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.239	31811	247.81	38.5	223.02	274667	4.8580 ng/ml

AD

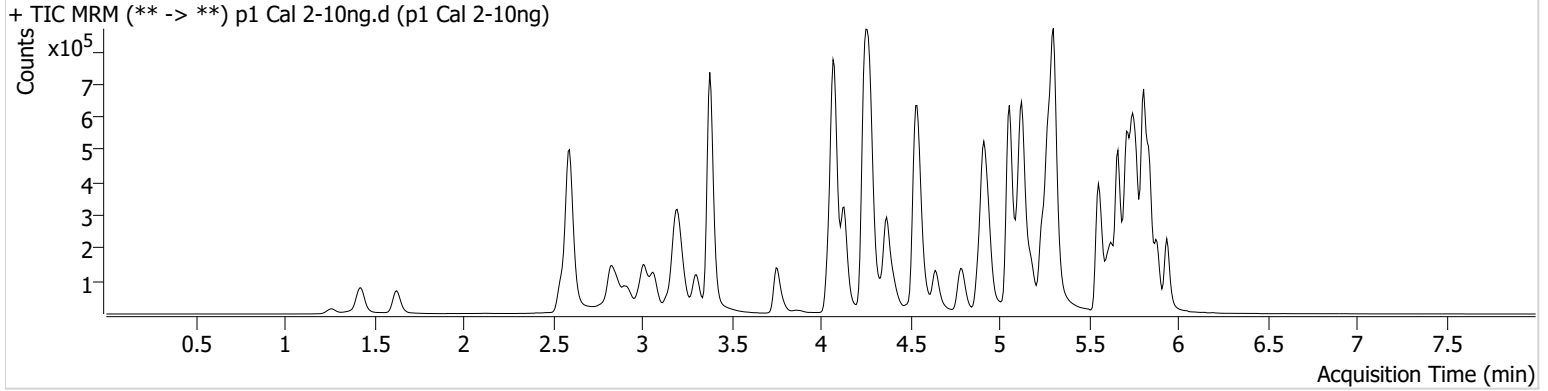


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 12:49:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.239	76071	226.93	37.9	317.45	322787	10.1996 ng/ml

AD

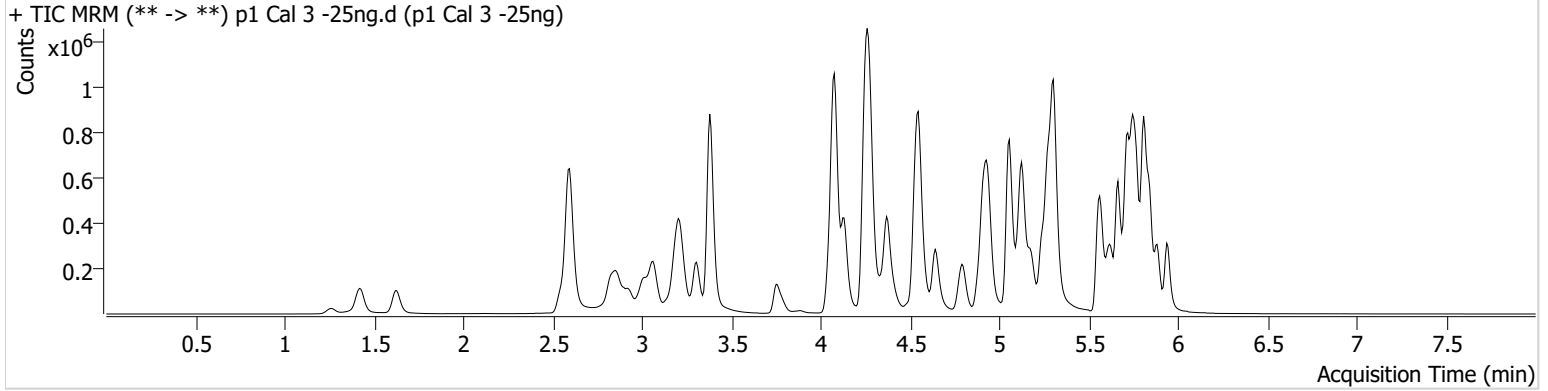


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 12:59:59 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	156171	580.66	39.1	343.50	263725	26.0888 ng/ml

AD

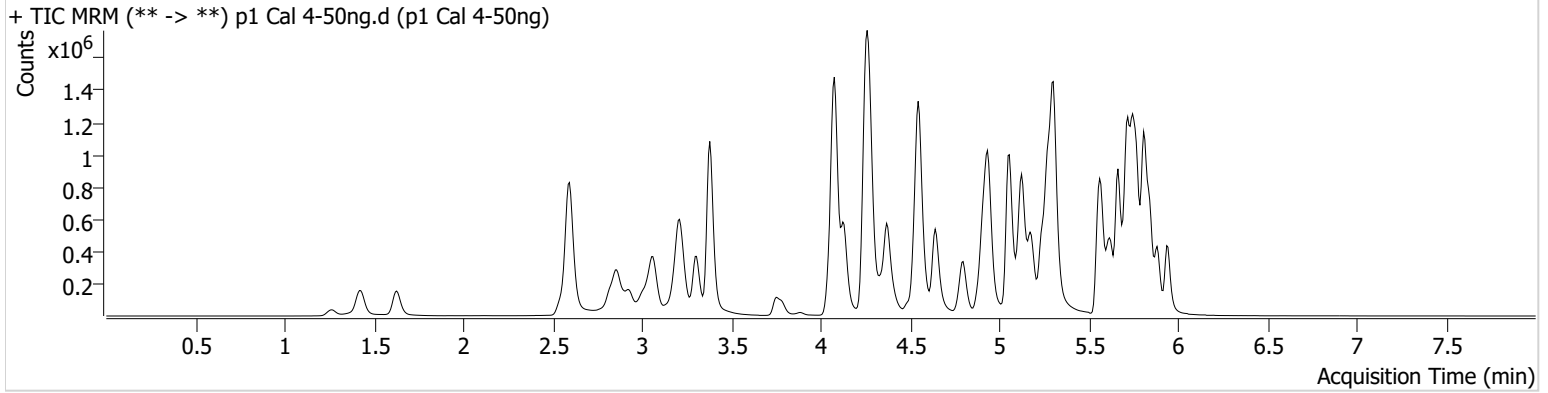


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 1:10:37 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	275394	384.73	38.1	278.69	216576	56.3696 ng/ml

AD

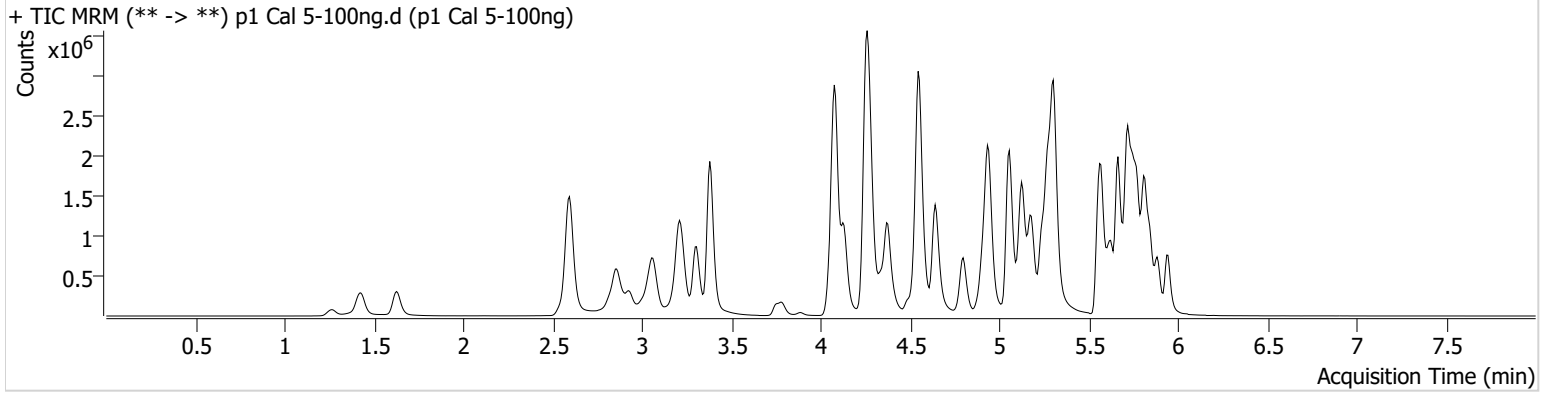


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 11/2/2022 1:21:14 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	638725	3101.75	38.7	429.97	289578	98.0031 ng/ml

AD

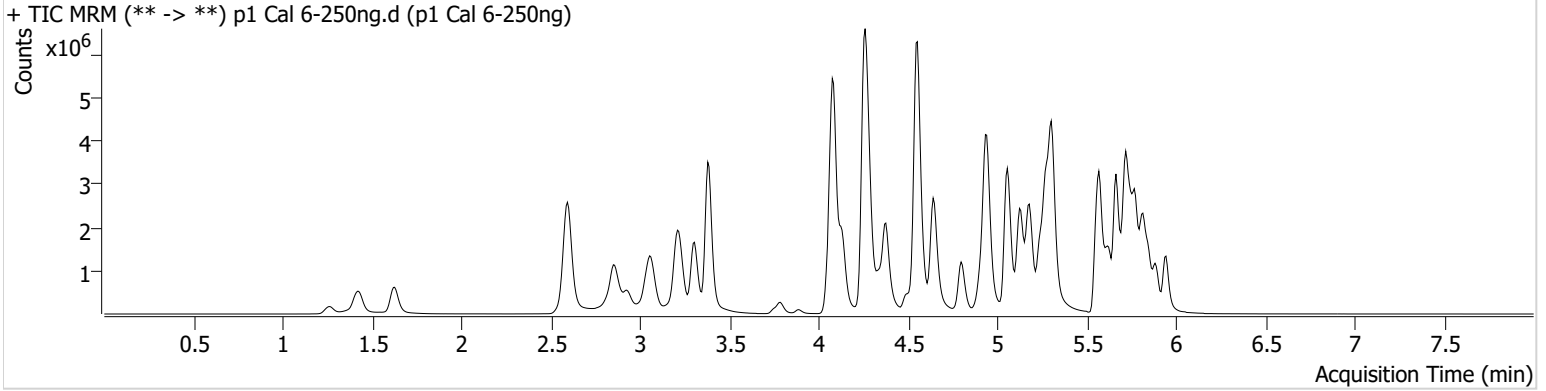


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 1:31:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	1135459	1023.63	38.2	2077.37	215032	235.0409 ng/ml

AD

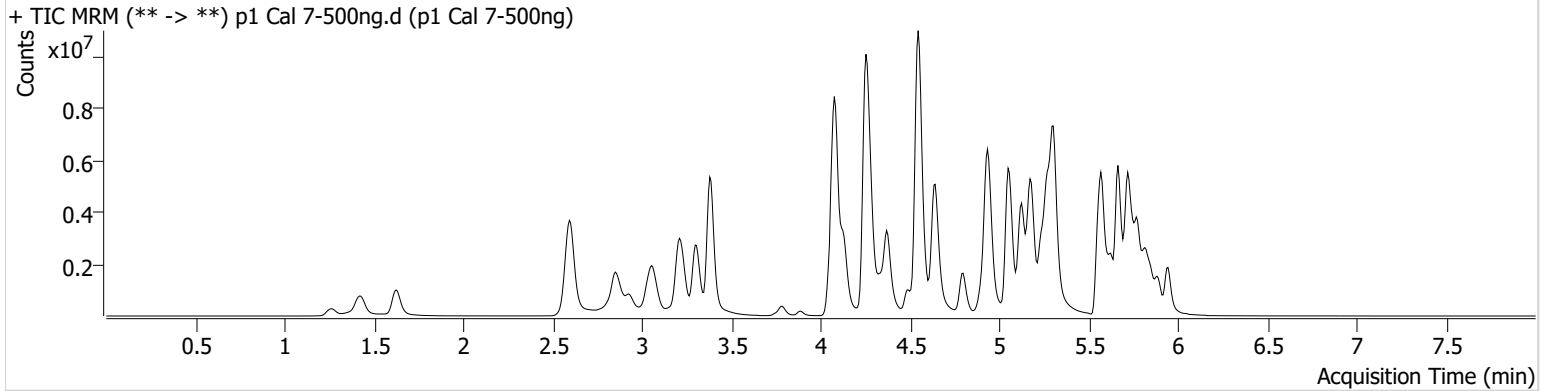


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Amber Gerheart
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	11/2/2022 1:42:26 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.232	1719029	23752.90	38.4	1441.54	166934	458.6551 ng/ml

AD

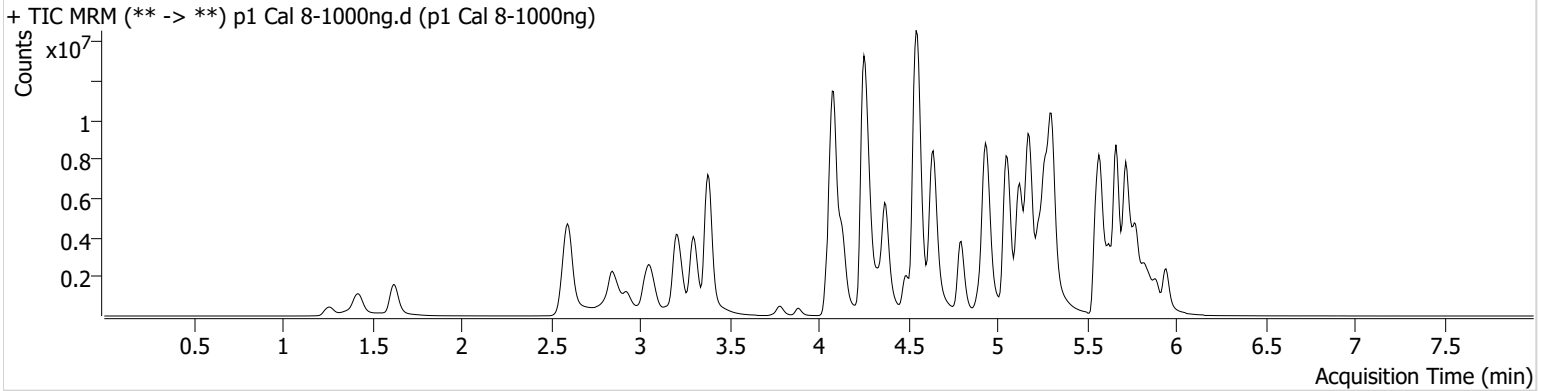


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\110222 AM 28 AG\QuantResults\AM 28 meth only.batch.bin
Calibration Last Update 11/2/2022 6:44:46 PM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng.d
Type Cal **Sample** p1 Cal 8-1000ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Amber Gerheart
Sample Position P2-H1 **Comment**
Injection Volume 2
Acq. Date-Time 11/2/2022 1:53:03 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.226	1777860	21744.08	38.4	2674.29	89665	883.4069 ng/ml