

REVIEWED

By Sarah Collins at 1:08 pm, Nov 16, 2022

TS

11/14/2022

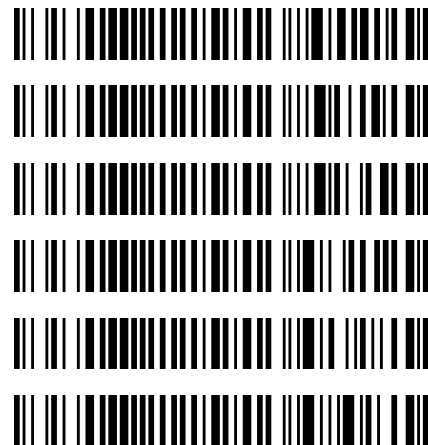
Worklist: 6162

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-2528	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4186	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4354	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4360	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-4485	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2996	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2997	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3029	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3054	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3102	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3103	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3124	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3135	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3174	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3223	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3284	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3288	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3292	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3312	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3313	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3323	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6162

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-3335	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3348	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3349	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3366	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3370	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-3373	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



TS

**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



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

Extraction Date: 11-14-2022
 Plate lot#: 220802
 Mobile phase A: 5mM Amm Form + 0.01% FA
 Blank Blood Lot: Lampire 22B52015-2
 Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar
 Plate Retest Date: 02-02-2023
 Mobile phase B: 0.01% Formic Acid in MeOH
 Blank Urine Lot:
 LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. 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% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS:

Curves Limited:

7-aminclonazepam 5-250 -- calibrators 7 and 8 dropped due to accuracy (**Qualitative only**)
 Amphetamine 5-250 -- calibrators 7 and 8 dropped due to accuracy
 Clonazepam 5-500 -- calibrator 8 dropped due to accuracy
 Clonazolam 5-250 -- calibrators 7 and 8 dropped due to accuracy
 Dihydrocodeine 5-500 -- calibrator 8 dropped due to accuracy

DMT 5-250 -- calibrators 7 and 8 dropped due to accuracy
Etizolam 5-500 -- calibrator 8 dropped due to accuracy
Flualprazolam 5-500 -- calibrator 8 dropped due to accuracy
Fluorofentanyl 0.5-50 -- calibrator 8 dropped due to accuracy
Hydroxyzine 5-500 -- calibrator 8 dropped due to accuracy
Lamotrigine 5-500 -- calibrator 8 dropped due to accuracy
MDA 5-250 -- calibrators 7 and 8 dropped due to accuracy
Methamphetamine 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol 5-500 -- calibrator 8 dropped due to accuracy
Norfentanyl 0.5-50 -- calibrator 8 dropped due to accuracy
Oxycodone 5-500 -- calibrator 8 dropped due to accuracy
Phentermine 5-250 -- calibrators 7 and 8 dropped due to accuracy
Quetiapine 5-250 -- calibrators 7 and 8 dropped due to accuracy (Qualitative only)

Analytical Plate Map

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-4354-1	P2022-3103-1			P2022-3335-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2022-4360-1	P2022-3124-1			P2022-3348-3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2022-4485-2	P2022-3135-1			P2022-3349-3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2022-2996-1	P2022-3174-1			P2022-3366-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2022-2997-1	P2022-3223-1			P2022-3370-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2022-3029-1	P2022-3284-1		P2022-3312-1	P2022-3373-1	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2022-2528-1	P2022-3054-1	P2022-3288-1		P2022-3313-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2022-4186-1	P2022-3102-1	P2022-3292-1		P2022-3323-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SLE Plate Map

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-4354-1	P2022-3103-1		P2022-3335-1						
B	IS + Cal. 2	IS + QC_2	M2022-4360-1	P2022-3124-1		P2022-3348-3						
C	IS + Cal. 3	IS + QC_3	M2022-4485-2	P2022-3135-1		P2022-3349-3						
D	IS + Cal. 4	IS + QC_4	P2022-2996-1	P2022-3174-1		P2022-3366-1						
E	IS + Cal. 5	IS + QC_2	P2022-2997-1	P2022-3223-1		P2022-3370-1						
F	IS + Cal. 6	Neg Blood	P2022-3029-1	P2022-3284-1	P2022-3312-1	P2022-3373-1						
G	IS + Cal. 7	M2022-2528-1	P2022-3054-1	P2022-3288-1	P2022-3313-1							
H	IS + Cal. 8	M2022-4186-1	P2022-3102-1	P2022-3292-1	P2022-3323-1							

TS

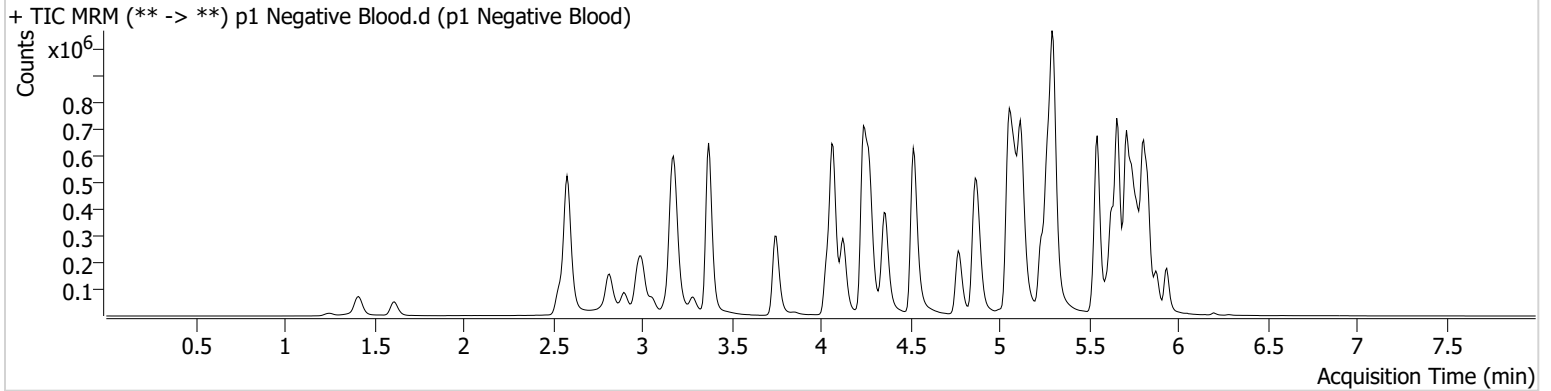


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 7:35:19 PM		
Sample Info.			

Sample Chromatogram



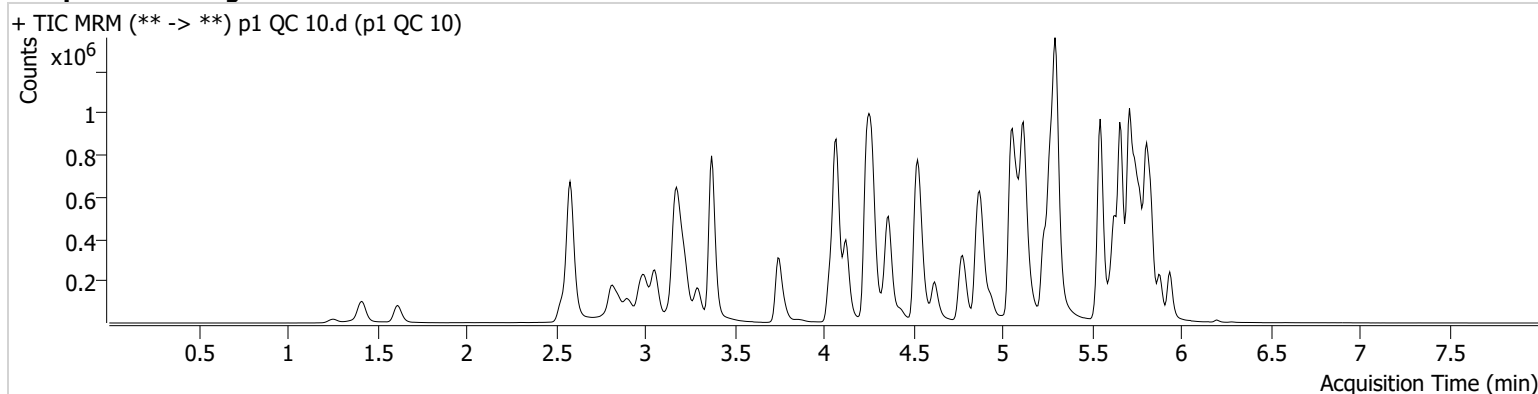


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-A2 **Comment**
Injection Volume 2
Acq. Date-Time 11/14/2022 6:20:50 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	3447	5622.50	74.7	4149.84	95354	1.0537 ng/ml
7-aminoclonazepam	4.258	51095	831.07	79.0	492.98	210218	10.5200 ng/ml
a-hydroxyalprazolam	5.695	30708	937.42	66.5	284.83	1160358	10.3879 ng/ml
alpha-PHP	4.935	58024	3264.77	251.7	1726.40	769117	9.9530 ng/ml
alpha-PVP	4.370	209183	476.05	52.5	5477.59	769117	9.8361 ng/ml
Alprazolam	5.765	110040	419.66	116.4	295.74	457588	10.2426 ng/ml
Amphetamine	3.057	344853	604.44	49.6	1034.26	546532	10.8799 ng/ml
Benzoylcegonine	3.884	4349	710.21	9.8	5361.79	14918	9.6328 ng/ml
Buprenorphine	5.748	4436	457.71	16.2	1484.39	178026	0.9402 ng/ml
Bupropion	4.792	198979	1056.39	67.6	269.91	685541	9.5252 ng/ml
Carisoprodol	5.720	124148	746.52	64.2	340.10	495384	9.5736 ng/ml
Chlordiazepoxide	5.834	64072	905.01	128.3	733.99	681786	11.0332 ng/ml
Chlorpheniramine	5.124	364669	1699.54	0.3	11.38	1573141	10.0622 ng/ml
Citalopram	5.231	179980	251.24	37.2	1798.38	678415	10.1881 ng/ml
Clonazepam	5.607	135304	2765.72	35.5	172.55	177348	10.7860 ng/ml
Clonazolam	5.551	107936	16429.47	36.4	1341.90	177348	10.7264 ng/ml
Cocaine	4.271	129604	543.55	55.5	370.48	1156564	9.9836 ng/ml
Codeine	2.586	17972	478.12	106.1	1918.25	89643	10.8742 ng/ml
Cyclobenzaprine	5.631	188032	6899.61	6.8	709.00	695206	9.9384 ng/ml
Dextromethorphan	5.275	107470	226.75	82.4	215.51	462955	10.3706 ng/ml
Dextrorphan	4.124	64548	385.23	207.6	448.04	645156	10.0199 ng/ml
Diazepam	5.944	71683	347.21	92.4	314.68	327054	9.9120 ng/ml
Dihydrocodeine	2.565	44946	∞	61.2	267.57	256116	10.6270 ng/ml
Diphenhydramine	5.303	462212	505.44	32.9	2518.20	2150924	9.9385 ng/ml
DMT	2.858	25652	426.57	133.5	1093.20	462955	10.0828 ng/ml
Doxylamine	4.538	410595	5725.01	98.4	5297.02	1823229	10.1010 ng/ml
Duloxetine	5.657	16616	464.36	16.2	219.23	79304	10.2842 ng/ml
EDDP	5.268	218265	553.91	43.2	3061.94	1017161	10.0217 ng/ml
Etizolam	5.803	61947	131991.33	25.6	22082.43	177348	9.9178 ng/ml
Fentanyl	5.101	18928	378.70	71.4	8467.02	876305	1.0139 ng/ml
Flualprazolam	5.701	61747	1285.44	93.0	10646.12	457588	10.9618 ng/ml
Fluorofentanyl	5.155	44116	290.23	41.0	658.24	7979	0.9991 ng/ml
Fluoxetine	5.710	217127	5706.38	7.8	190.34	679215	10.1848 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	80189	306.44	34.0	158.85	375538	10.1007 ng/ml
Hydromorphone	1.622	62695	317211.35	73.1	1392.42	179005	10.2862 ng/ml
Hydroxyzine	5.700	187124	3314.16	73.6	1321.16	462955	9.5283 ng/ml
Ketamine	4.050	136905	501.22	35.0	∞	543507	10.7232 ng/ml
Lamotrigine	4.281	14346	357.58	80.6	513.04	1547406	10.1861 ng/ml
Lorazepam	5.743	89589	1423.22	50.8	74.40	564615	11.0042 ng/ml
MDA	3.205	254738	2321.69	36.6	313.81	804730	10.7403 ng/ml
MDMA	3.298	128425	891.72	112.5	2216.06	144662	10.1009 ng/ml
Meprobamate	4.901	105887	336.77	28.8	438.65	456783	10.5850 ng/ml
Methadone	5.662	349406	13126.20	48.1	253.47	1288355	9.9507 ng/ml
Methamphetamine	3.226	331861	867.29	36.3	1023.57	1272149	10.0385 ng/ml
Metoprolol	4.334	39361	5877.69	104.7	602.83	1581543	10.3441 ng/ml
Mirtazapine	4.620	296673	1009.32	51.4	2057.86	769117	9.7116 ng/ml
Mitragynine	5.229	72054	116606.93	37.5	290.21	1288355	9.5021 ng/ml
Morphine	1.261	8534	33.23	55.8	108.75	13425	10.8082 ng/ml
Norbuprenorphine	5.004	823	44.41	93.2	934.20	30293	1.0605 ng/ml
Nordiazepam	5.883	84767	829.18	58.6	214.20	254045	10.1822 ng/ml
Norfentanyl	4.091	31599	1586.37	41.4	29.62	1251587	0.9156 ng/ml
Norhydrocodone	3.074	15980	236.74	41.9	112.73	112002	9.3831 ng/ml
Noroxycodone	2.924	81213	1045.71	45.0	1208.52	263736	10.4123 ng/ml
O-desmethyl-tramadol	3.379	324930	4746.93	5.7	1162.74	1722678	9.9702 ng/ml
o-desmethylvenlafaxine	4.076	476399	8242.98	17.2	721.99	370894	9.9269 ng/ml
Olanzapine	4.427	53951	727.48	60.2	371.96	132205	10.0087 ng/ml
Oxazepam	5.746	137077	3274.03	73.5	130.73	564615	10.2441 ng/ml
Oxycodone	2.842	154916	417.87	27.4	662.42	577989	9.7978 ng/ml
Oxymorphone	1.418	82898	∞	42.4	∞	274796	10.0995 ng/ml
Phentermine	3.780	86376	1748.53	6.9	150.87	866088	10.6179 ng/ml
Promethazine	5.547	319154	1116.26	31.0	9050.47	1301657	10.1564 ng/ml
Pseudoephedrine	2.589	330699	1419.66	19.3	502.51	1547406	9.8128 ng/ml
Quetiapine	5.543	194450	875.77	60.0	133168.96	301103	10.6620 ng/ml
Sertraline	5.779	66624	624.02	102.6	226.43	288119	9.9653 ng/ml
Temazepam	5.807	265840	2874.11	25.6	95.69	1160358	10.4121 ng/ml
Tramadol	4.253	315319	153.51	3.5	52.44	1581543	10.2438 ng/ml
Trazodone	5.107	222122	7779.62	68.9	2169.34	765340	10.2925 ng/ml
Venlafaxine	5.049	299203	540.50	36.4	427.60	1571015	9.5511 ng/ml
Zolpidem	4.877	328987	1196.29	27.6	772.85	1205126	10.3172 ng/ml

TS

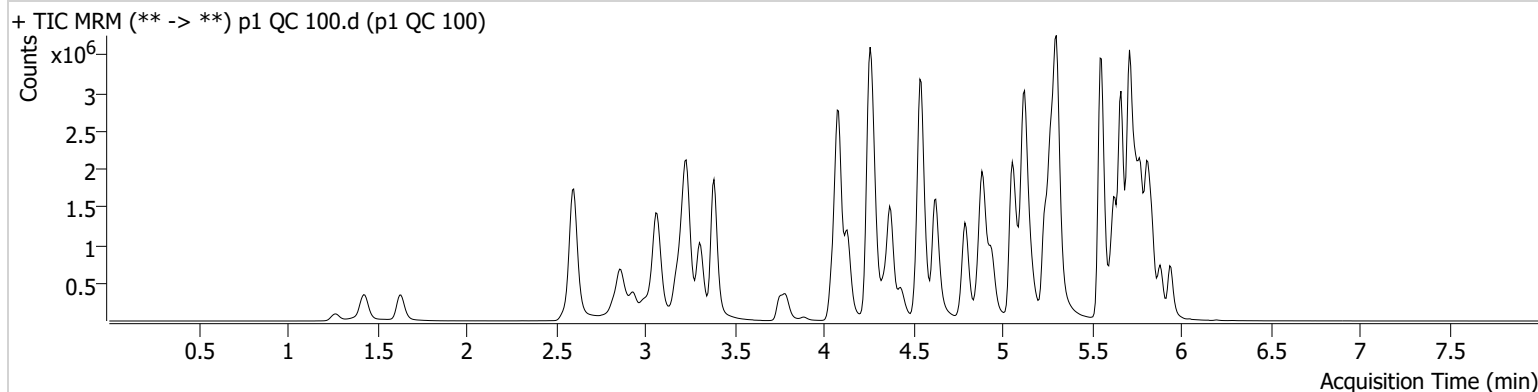


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	11/15/2022 5:30:37 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.153	34116	209.27	71.8	45927.92	96771	10.0330 ng/ml
7-aminoclonazepam	4.265	421802	6835.02	80.0	4555.99	185728	103.3630 ng/ml
a-hydroxyalprazolam	5.688	203114	306.73	67.2	683.35	850756	100.8074 ng/ml
alpha-PHP	4.941	532163	3014.65	247.3	45088.76	711446	99.4040 ng/ml
alpha-PVP	4.377	1927044	1491.48	52.6	3191.21	711446	95.8610 ng/ml
Alprazolam	5.765	920576	1306.41	115.1	1908.93	379369	101.5465 ng/ml
Amphetamine	3.070	2787112	763.69	47.7	459.83	539955	98.0208 ng/ml
Benzoylcegonine	3.891	42095	∞	8.6	744.40	13425	111.0971 ng/ml
Buprenorphine	5.748	42315	50491.78	15.3	6932.23	154082	9.6522 ng/ml
Bupropion	4.792	1920513	54350.78	65.4	1158.60	654524	98.5763 ng/ml
Carisoprodol	5.720	832764	40352.24	64.0	643.38	324887	89.9782 ng/ml
Chlordiazepoxide	5.841	497292	10824.86	143.8	3687.94	609934	105.8346 ng/ml
Chlorpheniramine	5.124	3585673	57310.92	0.3	276.36	1494863	103.3476 ng/ml
Citalopram	5.238	1591467	23976.73	38.3	546.34	587016	102.1993 ng/ml
Clonazepam	5.614	1053134	651.83	35.4	513461.78	145342	111.0393 ng/ml
Clonazolam	5.558	804112	68550.89	37.9	82867.38	145342	108.0036 ng/ml
Cocaine	4.278	1161672	1068058.79	56.1	1055762.62	1052674	98.0117 ng/ml
Codeine	2.600	152212	2171.35	102.5	150898.53	83223	113.1768 ng/ml
Cyclobenzaprine	5.631	1779309	54484.87	6.6	975.18	643251	97.7792 ng/ml
Dextromethorphan	5.282	950242	408.01	78.6	202387.17	407323	104.3905 ng/ml
Dextrorphan	4.131	605234	3936.07	210.1	3719.83	603126	99.8460 ng/ml
Diazepam	5.944	615078	251.46	91.8	6456.65	282789	100.1558 ng/ml
Dihydrocodeine	2.579	428932	747.33	60.8	1413.90	258505	107.9348 ng/ml
Diphenhydramine	5.303	4354992	80051.12	32.8	712.14	1967894	99.4623 ng/ml
DMT	2.878	243622	2940.32	140.7	403.40	407323	104.9287 ng/ml
Doxylamine	4.545	4182435	243762.05	95.9	114105.79	1805755	104.0499 ng/ml
Duloxetine	5.657	138256	6447.93	16.0	6535.54	70081	100.2611 ng/ml
EDDP	5.275	2062144	22755.17	42.8	2677967.40	953430	98.3611 ng/ml
Etizolam	5.810	505776	3109.26	26.0	4545.24	145342	91.5961 ng/ml
Fentanyl	5.101	177507	632.60	68.6	81961.94	807810	10.8855 ng/ml
Flualprazolam	5.701	472224	7640.07	95.1	213236.73	379369	114.0912 ng/ml
Fluorofentanyl	5.155	401193	85729.02	42.2	8462.36	6871	10.0146 ng/ml
Fluoxetine	5.717	1629076	33666.02	7.5	240.00	504810	94.7958 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.040	718006	173.86	33.6	185.34	357885	104.9500 ng/ml
Hydromorphone	1.636	596416	7448.82	72.8	1704749.33	173120	101.2580 ng/ml
Hydroxyzine	5.707	1725525	2009.53	77.3	140239.90	407323	94.1004 ng/ml
Ketamine	4.057	1235610	34371.42	36.2	6414.97	527401	108.0701 ng/ml
Lamotrigine	4.294	123299	1927.12	82.8	1809.08	1396225	104.5883 ng/ml
Lorazepam	5.743	491118	2216.77	49.5	432.56	376052	96.9340 ng/ml
MDA	3.211	1897056	534.92	36.7	623.18	708028	97.5390 ng/ml
MDMA	3.305	1173237	321865.57	116.8	6277.67	134765	100.2378 ng/ml
Meprobamate	4.915	824019	1414267.43	27.9	3057.71	388988	101.7057 ng/ml
Methadone	5.662	3282035	1863.30	45.4	35083.68	1177405	99.1161 ng/ml
Methamphetamine	3.239	3131263	3674.62	35.8	1577.31	1259593	105.7817 ng/ml
Metoprolol	4.334	360924	358746.18	105.9	35936.09	1539369	102.8303 ng/ml
Mirtazapine	4.627	2879108	2161.15	48.6	209903.84	711446	98.2592 ng/ml
Mitragynine	5.236	649293	1321.11	37.5	959.01	1177405	95.6528 ng/ml
Morphine	1.267	85721	459.40	54.3	393.85	14939	96.7700 ng/ml
Norbuprenorphine	5.010	6904	3148.07	99.2	8911.31	29437	10.3825 ng/ml
Nordiazepam	5.883	708183	8501.40	58.7	1033.17	214558	103.6965 ng/ml
Norfentanyl	4.098	292707	14881.53	37.1	59.00	1079759	9.2466 ng/ml
Norhydrocodone	3.088	131261	∞	41.0	∞	79044	98.5064 ng/ml
Noroxycodone	2.931	669520	1453.33	45.2	11444.72	228709	93.4051 ng/ml
O-desmethyl-tramadol	3.386	3129806	70839.77	5.7	4942.78	1618375	99.3726 ng/ml
o-desmethylvenlafaxine	4.083	4498230	181478.86	17.5	4039.89	339536	97.1424 ng/ml
Olanzapine	4.427	552328	4447.09	59.7	2412.14	135546	95.3967 ng/ml
Oxazepam	5.746	908727	4941.19	69.2	4429.43	376052	106.8274 ng/ml
Oxycodone	2.855	1432843	2889.58	27.3	5530.48	557863	101.2149 ng/ml
Oxymorphone	1.432	753221	∞	42.3	∞	253747	99.7717 ng/ml
Phentermine	3.794	745600	3177.23	7.3	1184.93	837313	102.2260 ng/ml
Promethazine	5.547	2895462	1101.15	30.6	38058.94	1151117	99.7063 ng/ml
Pseudoephedrine	2.603	3069565	1181.18	19.1	941.68	1396225	96.2851 ng/ml
Quetiapine	5.543	1738459	308989.82	61.2	33709.33	285398	109.0494 ng/ml
Sertraline	5.779	573957	26683.27	102.2	8939.45	248859	97.3248 ng/ml
Temazepam	5.813	1978797	3074.78	24.9	506.81	850756	108.0142 ng/ml
Tramadol	4.253	2889041	∞	3.5	327.22	1539369	100.8132 ng/ml
Trazodone	5.114	1994928	728159.55	70.2	2271168.47	730364	104.6466 ng/ml
Venlafaxine	5.056	2772769	∞	36.7	565.11	1427026	92.4713 ng/ml
Zolpidem	4.884	3165205	9300.28	27.1	1010.68	1200155	103.3545 ng/ml



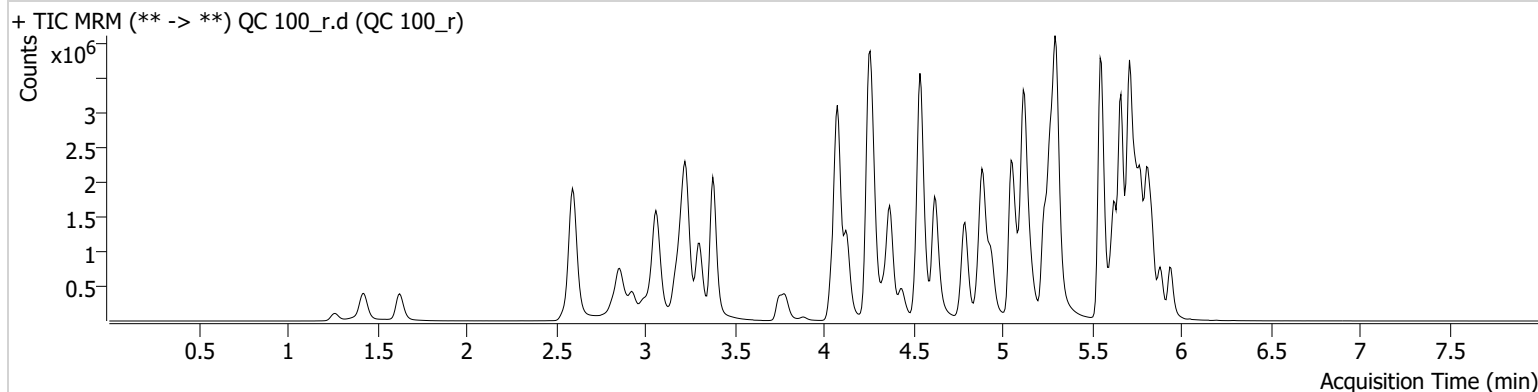
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument Falco (069901) **Data File** QC 100_r.d
Type QC **Sample** QC 100_r
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 11/15/2022 12:05:19 PM
Sample Info.

Used to bracket reinjected samples.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	37088	1562.19	71.6	7906.51	103079	10.2388 ng/ml
7-aminoclonazepam	4.265	446575	3321.61	80.5	129.94	196838	103.2561 ng/ml
a-hydroxyalprazolam	5.688	218292	3740.65	66.9	399.29	917793	100.4236 ng/ml
alpha-PHP	4.941	571744	13493.11	247.9	11818.31	773258	98.2594 ng/ml
alpha-PVP	4.370	2102975	169069.16	52.1	1946.63	773258	96.2493 ng/ml
Alprazolam	5.765	973810	881.75	116.0	946.73	396974	102.6527 ng/ml
Amphetamine	3.064	3078918	1302.80	48.1	538.01	575401	101.6588 ng/ml
Benzoylecgonine	3.884	46957	271.50	8.3	14944.79	15499	107.3166 ng/ml
Buprenorphine	5.754	44869	29223.10	16.8	8214.74	182209	8.6623 ng/ml
Bupropion	4.792	2111226	1494.97	64.8	15317.26	722509	98.1675 ng/ml
Carisoprodol	5.720	869223	230730.18	63.1	6337.03	333442	91.4934 ng/ml
Chlordiazepoxide	5.841	537935	11007.87	142.3	4539.23	665434	104.9249 ng/ml
Chlorpheniramine	5.124	3878737	56644.33	0.3	261.59	1638702	101.9827 ng/ml
Citalopram	5.231	1730746	58295.35	38.5	673.78	639297	102.0544 ng/ml
Clonazepam	5.607	1097641	5581.66	36.0	382.50	155556	108.1066 ng/ml
Clonazolam	5.558	858857	25408.08	36.9	283646.58	155556	107.7797 ng/ml
Cocaine	4.271	1288559	51757.82	55.2	47950.74	1155641	99.0303 ng/ml
Codeine	2.600	162535	193.22	103.0	171.18	87534	114.9270 ng/ml
Cyclobenzaprine	5.631	1876108	1632.01	6.9	309.58	685633	96.7301 ng/ml
Dextromethorphan	5.275	1004327	770.07	79.1	777.63	437547	102.7106 ng/ml
Dextrorphan	4.131	646918	1089.64	211.1	2616.90	639439	100.6615 ng/ml
Diazepam	5.944	664649	537.69	88.9	429.45	302689	101.1140 ng/ml
Dihydrocodeine	2.572	459696	282.47	60.1	7634.17	278522	107.3579 ng/ml
Diphenhydramine	5.303	4680896	70904.70	32.6	1909.99	2119756	99.2474 ng/ml
DMT	2.872	260341	1290.26	139.4	37832.45	437547	104.3862 ng/ml
Doxylamine	4.538	4580218	126283.50	95.8	86982.30	1957159	105.1313 ng/ml
Duloxetine	5.657	135139	5561.06	15.5	1447.42	68387	100.4286 ng/ml
EDDP	5.268	2256682	53495.85	42.7	570679.61	1028493	99.7801 ng/ml
Etizolam	5.810	540711	16178.91	25.6	726.72	155556	91.4942 ng/ml
Fentanyl	5.101	185485	355.71	70.7	9152.39	881854	10.4170 ng/ml
Flualprazolam	5.701	505282	353.56	96.1	15269.60	396974	116.6999 ng/ml
Fluorofentanyl	5.155	434883	816.38	41.9	6249.80	7560	9.8680 ng/ml
Fluoxetine	5.717	1675140	728.43	7.9	120381.69	528221	93.1715 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.033	773975	3261.36	34.3	702.38	386787	104.6743 ng/ml
Hydromorphone	1.629	656530	1688295.22	72.7	12910.19	187862	102.7177 ng/ml
Hydroxyzine	5.707	1827316	4276.83	75.4	2398.42	437547	92.7766 ng/ml
Ketamine	4.050	1348540	959.07	36.5	∞	564264	110.2621 ng/ml
Lamotrigine	4.287	132555	3494.91	80.4	2021.85	1532828	102.4006 ng/ml
Lorazepam	5.743	512274	9277.37	50.5	617.49	397708	95.5921 ng/ml
MDA	3.211	2079193	1756.36	35.8	5248.04	753819	100.4361 ng/ml
MDMA	3.305	1329298	22279.29	110.9	7178.00	146840	104.2372 ng/ml
Meprobamate	4.908	845431	514.09	28.1	658.18	405283	100.1438 ng/ml
Methadone	5.662	3575435	2174.08	44.9	1122.75	1275380	99.6799 ng/ml
Methamphetamine	3.232	3403009	4321.14	35.5	924.66	1359038	106.5585 ng/ml
Metoprolol	4.334	399728	819234.01	102.7	28243.11	1687785	103.8777 ng/ml
Mirtazapine	4.620	3158011	142231.34	48.8	15507.45	773258	99.1587 ng/ml
Mitragynine	5.236	686979	45298.34	37.9	1121.85	1275380	93.4249 ng/ml
Morphine	1.267	94587	9765.41	54.7	1480.56	16650	95.8115 ng/ml
Norbuprenorphine	5.004	7768	1219.52	97.8	12447.58	32102	10.7165 ng/ml
Nordiazepam	5.883	741487	546.49	60.0	8813.32	223629	104.1703 ng/ml
Norfentanyl	4.091	323050	229.82	37.7	3649.93	1139099	9.6707 ng/ml
Norhydrocodone	3.081	139373	∞	41.3	255.16	84682	97.6387 ng/ml
Noroxycodone	2.931	757854	1838.20	44.3	903.20	255002	94.8171 ng/ml
O-desmethyl-tramadol	3.379	3434039	4668.63	5.7	4226.72	1776591	99.3223 ng/ml
o-desmethylvenlafaxine	4.076	4844181	325672.82	17.6	1467.05	372967	95.2474 ng/ml
Olanzapine	4.434	635317	6299.59	57.7	1028.95	149853	99.2340 ng/ml
Oxazepam	5.746	905593	10344.68	73.7	2975.33	397708	100.6307 ng/ml
Oxycodone	2.849	1567057	3543.38	26.8	31473.11	618378	99.8515 ng/ml
Oxymorphone	1.425	829109	∞	43.5	459.81	280051	99.5082 ng/ml
Phentermine	3.787	819304	2081.77	7.0	551.67	906249	103.8008 ng/ml
Promethazine	5.547	3128211	2553.14	30.7	5310.34	1236339	100.2930 ng/ml
Pseudoephedrine	2.603	3374185	1863.92	18.7	113642.56	1532828	96.4074 ng/ml
Quetiapine	5.543	1865903	77969.19	61.1	1608470.11	316733	105.4315 ng/ml
Sertraline	5.779	582708	33553.27	100.9	435.21	245561	100.1289 ng/ml
Temazepam	5.813	2066886	35438.99	26.0	288.88	917793	104.5739 ng/ml
Tramadol	4.253	3249738	∞	3.5	169.44	1687785	103.4413 ng/ml
Trazodone	5.114	2107733	82733.09	70.3	244329.62	806519	100.0840 ng/ml
Venlafaxine	5.049	3121982	147790.01	36.0	2863.32	1569315	94.6643 ng/ml
Zolpidem	4.884	3439033	21220.78	27.3	286351.05	1291566	104.3522 ng/ml

TS

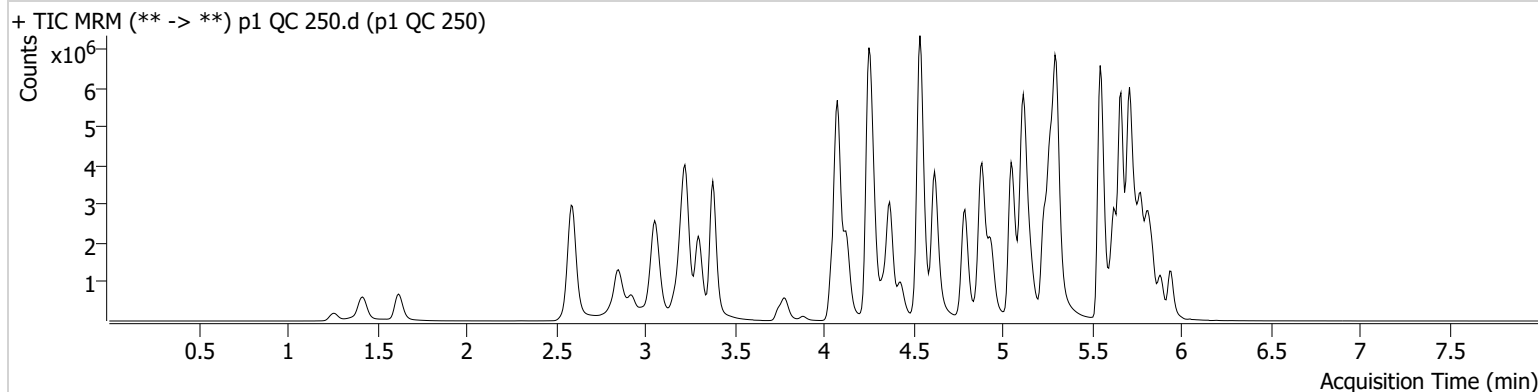


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 6:42:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	80767	197160.83	71.6	927.12	89976	25.5029 ng/ml
7-aminoclonazepam	4.265	718373	391.57	81.0	215.15	146128	224.4509 ng/ml
a-hydroxyalprazolam	5.688	287601	256.14	67.0	397.62	500794	243.7300 ng/ml
alpha-PHP	4.935	1258315	4625.58	250.9	3448.98	653147	256.1509 ng/ml
alpha-PVP	4.370	4625496	28448.81	51.8	1410.94	653147	250.2560 ng/ml
Alprazolam	5.765	1729306	722.52	115.7	5144.60	287291	251.5986 ng/ml
Amphetamine	3.057	5328538	146417.62	47.3	430.03	481291	211.6806 ng/ml
Benzoylecgonine	3.884	109075	2959.31	8.5	329.75	14561	266.4778 ng/ml
Buprenorphine	5.748	95343	1790.27	16.4	14528.05	140871	23.6839 ng/ml
Bupropion	4.792	4620464	94247.69	65.5	37351.08	635113	244.7792 ng/ml
Carisoprodol	5.727	1212313	4374663.70	65.8	709.23	162933	259.5508 ng/ml
Chlordiazepoxide	5.841	842633	37215.27	151.3	9976.74	455265	241.9290 ng/ml
Chlorpheniramine	5.124	8319595	115672.48	0.3	517.44	1363488	262.7674 ng/ml
Citalopram	5.231	3470266	77010.48	37.5	70150.38	493866	264.5518 ng/ml
Clonazepam	5.607	1726598	44858.71	34.4	119304.84	108469	245.1440 ng/ml
Clonazolam	5.558	1232248	11155.50	38.2	286344.34	108469	223.1380 ng/ml
Cocaine	4.271	2582793	199606.41	56.0	1413.50	912104	251.4436 ng/ml
Codeine	2.593	286534	124.95	101.2	8921.96	71428	250.2864 ng/ml
Cyclobenzaprine	5.631	3893054	106638.26	6.5	196.31	537959	255.1331 ng/ml
Dextromethorphan	5.275	1897118	44202.26	78.1	28304.50	326585	259.9631 ng/ml
Dextrorphan	4.131	1359609	3794.20	211.2	1953.66	523893	258.1040 ng/ml
Diazepam	5.944	1308859	2356.77	89.6	3145.75	236181	255.4958 ng/ml
Dihydrocodeine	2.565	898533	10151.03	60.9	9777.44	249983	234.8403 ng/ml
Diphenhydramine	5.303	9693125	1408.98	31.8	240557.71	1630463	266.6696 ng/ml
DMT	2.865	535029	18227.14	140.8	1644.26	326585	286.7131 ng/ml
Doxylamine	4.538	10268225	178073.77	95.4	96061.80	1702861	270.9148 ng/ml
Duloxetine	5.657	258961	9035.25	15.5	4373.02	52926	249.2691 ng/ml
EDDP	5.268	4846369	131153.27	41.5	695.81	854926	257.3255 ng/ml
Etizolam	5.810	1069504	6864.13	25.2	903338.84	108469	258.0550 ng/ml
Fentanyl	5.101	389195	389.28	70.7	35652.32	766220	25.2443 ng/ml
Flualprazolam	5.701	750741	2522.85	99.7	10560.96	287291	241.2496 ng/ml
Fluorofentanyl	5.155	1017513	817.06	42.6	5428.22	6857	25.3647 ng/ml
Fluoxetine	5.717	3059665	53248.75	7.6	127092.13	355366	251.4438 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	1501676	∞	35.3	352.78	326194	242.3724 ng/ml
Hydromorphone	1.622	1358992	5101085.42	72.7	5292288.28	155381	257.0809 ng/ml
Hydroxyzine	5.700	3735616	2220.49	77.0	255575.78	326585	253.0496 ng/ml
Ketamine	4.050	2741768	817.02	36.3	9819.86	481237	264.2444 ng/ml
Lamotrigine	4.287	235567	386.44	82.4	15908.49	1143528	245.1577 ng/ml
Lorazepam	5.743	565930	10898.88	50.6	1222.30	194239	217.3376 ng/ml
MDA	3.205	3342433	2477.06	35.7	2083.94	553131	221.0954 ng/ml
MDMA	3.298	2683208	167328.12	115.4	950.69	120101	257.4460 ng/ml
Meprobamate	4.908	1413049	967.39	27.8	∞	276906	245.8633 ng/ml
Methadone	5.662	7662215	96073.57	44.5	45163.31	1039460	261.5437 ng/ml
Methamphetamine	3.232	7100773	4255.65	34.7	2006.72	1238566	245.5038 ng/ml
Metoprolol	4.334	799465	34323.70	102.8	44735.83	1354670	259.7987 ng/ml
Mirtazapine	4.620	6897404	167586.42	49.0	201865.55	653147	255.7932 ng/ml
Mitragynine	5.229	1417431	361346.40	37.9	1486454.54	1039460	236.8505 ng/ml
Morphine	1.261	194934	3220.39	56.8	4046.96	13362	245.8892 ng/ml
Norbuprenorphine	5.004	16558	160.29	98.1	364.61	28690	25.7839 ng/ml
Nordiazepam	5.883	1327892	28931.37	58.6	25946.01	162006	258.0069 ng/ml
Norfentanyl	4.091	620953	35883.56	37.9	27754.93	816056	25.8460 ng/ml
Norhydrocodone	3.081	266727	∞	41.7	1212.53	60733	258.8645 ng/ml
Noroxycodone	2.924	1239737	1349.30	46.2	26196.75	170169	231.4793 ng/ml
O-desmethyl-tramadol	3.379	7626398	157082.48	5.6	17830.12	1491320	262.2640 ng/ml
o-desmethylvenlafaxine	4.076	10345900	293382.29	16.9	758.44	291793	259.0400 ng/ml
Olanzapine	4.427	1348920	4141.89	60.1	6062.90	123375	255.1152 ng/ml
Oxazepam	5.746	1106727	15373.46	70.5	4601.41	194239	252.6220 ng/ml
Oxycodone	2.842	3105762	2507.97	26.8	2881.90	524154	234.6132 ng/ml
Oxymorphone	1.418	1608332	∞	42.6	4909.89	216757	249.4626 ng/ml
Phentermine	3.787	1520229	4127.13	7.0	230.38	796477	220.1890 ng/ml
Promethazine	5.547	6959534	1769.64	29.5	894.12	1029266	267.2082 ng/ml
Pseudoephedrine	2.596	6579671	3068.02	18.5	436.37	1143528	251.1853 ng/ml
Quetiapine	5.543	3449260	95252.88	62.4	645.75	267608	231.8700 ng/ml
Sertraline	5.779	1137422	40708.84	103.0	∞	196412	244.0238 ng/ml
Temazepam	5.813	2776062	13036.55	26.3	260.40	500794	257.7764 ng/ml
Tramadol	4.253	6618654	2528.41	3.5	158.55	1354670	263.2832 ng/ml
Trazodone	5.107	4213238	161860.21	72.2	404.82	642622	252.4825 ng/ml
Venlafaxine	5.049	6965694	685143.43	34.1	1977.35	1323080	249.6317 ng/ml
Zolpidem	4.884	7592417	429905.77	26.6	743.05	1149139	259.5637 ng/ml

TS

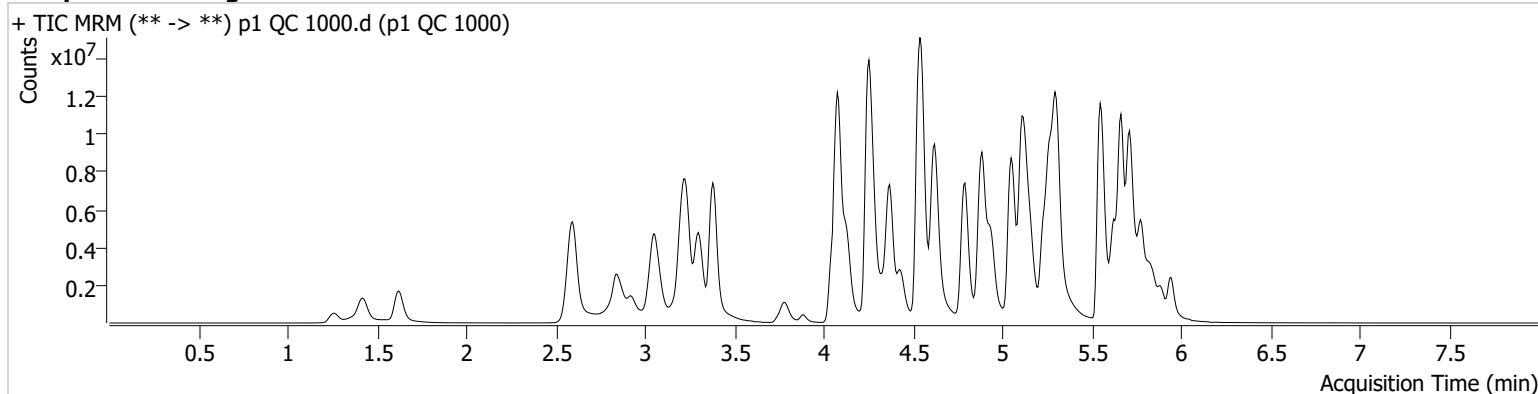


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 7:03:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	270061	18543.99	70.9	284601.61	75525	101.5074 ng/ml
7-aminoclonazepam	4.258	910761	52.13	72.3	60.75	74792	556.8667 ng/ml
a-hydroxyalprazolam	5.681	294258	327.51	69.0	88.81	121022	1034.7679 ng/ml
alpha-PHP	4.935	3452576	47231.09	255.2	103892.22	448172	1024.5156 ng/ml
alpha-PVP	4.370	13236481	504973.47	51.4	1038.24	448172	1042.9321 ng/ml
Alprazolam	5.772	3307716	139.80	117.4	153.49	128944	1071.5756 ng/ml
Amphetamine	3.057	10241558	409.62	46.4	192790.76	391726	501.5889 ng/ml
Benzoylcegonine	3.884	420306	643.10	8.5	110.15	14623	1024.6087 ng/ml
Buprenorphine	5.748	251306	223194.94	16.1	133579.00	79401	110.4946 ng/ml
Bupropion	4.792	13593144	864994.29	64.9	103142.37	504442	907.3457 ng/ml
Carisoprodol	5.727	1371227	368.31	65.4	3076.59	44626	1069.1566 ng/ml
Chlordiazepoxide	5.841	1337725	63194.82	164.6	22216.38	210275	834.7707 ng/ml
Chlorpheniramine	5.124	21987136	231676.72	0.3	659.76	919811	1029.1747 ng/ml
Citalopram	5.231	6708099	59001.19	37.3	24571.38	237731	1061.7329 ng/ml
Clonazepam	5.607	2399602	20662.79	33.9	8494.55	48994	756.3794 ng/ml
Clonazolam	5.571	1467510	16303.39	37.7	309061.11	48994	590.4497 ng/ml
Cocaine	4.271	6416856	928.84	54.3	545.57	540901	1053.3049 ng/ml
Codeine	2.593	599911	2600.16	99.8	17546.52	43592	862.8205 ng/ml
Cyclobenzaprine	5.631	8922555	1287.99	6.1	648.13	287881	1091.3295 ng/ml
Dextromethorphan	5.275	3488456	1235.93	78.8	47264.28	149504	1044.2792 ng/ml
Dextrorphan	4.131	3656893	88521.25	214.9	7066.57	339467	1071.1392 ng/ml
Diazepam	5.944	2962748	499.11	91.5	243.34	142949	956.0921 ng/ml
Dihydrocodeine	2.558	2318248	30794.29	61.1	48951.96	214426	708.1363 ng/ml
Diphenhydramine	5.303	20772350	2210.53	34.4	63597.30	899468	1035.0098 ng/ml
DMT	2.858	1447583	550.99	152.2	84817.59	149504	1692.5944 ng/ml
Doxylamine	4.543	26610075	1090953.57	97.2	37184.23	1396758	855.9738 ng/ml
Duloxetine	5.650	304255	12023.99	16.2	29944.35	15980	971.1655 ng/ml
EDDP	5.268	13772197	∞	41.8	897178.24	583578	1070.3468 ng/ml
Etizolam	5.810	2269731	3757.46	25.5	993085.10	48994	1209.4812 ng/ml
Fentanyl	5.094	928079	2507.02	73.7	3421.25	521898	88.5345 ng/ml
Flualprazolam	5.701	1009521	10866.72	101.6	18226.88	128944	725.9401 ng/ml
Fluorofentanyl	5.155	3248891	11931.79	43.4	49230.89	4450	124.5761 ng/ml
Fluoxetine	5.717	5170926	112658.16	7.3	3802.57	133466	1128.3759 ng/ml

TS



AM #28 Multi-Drug Quant. Results

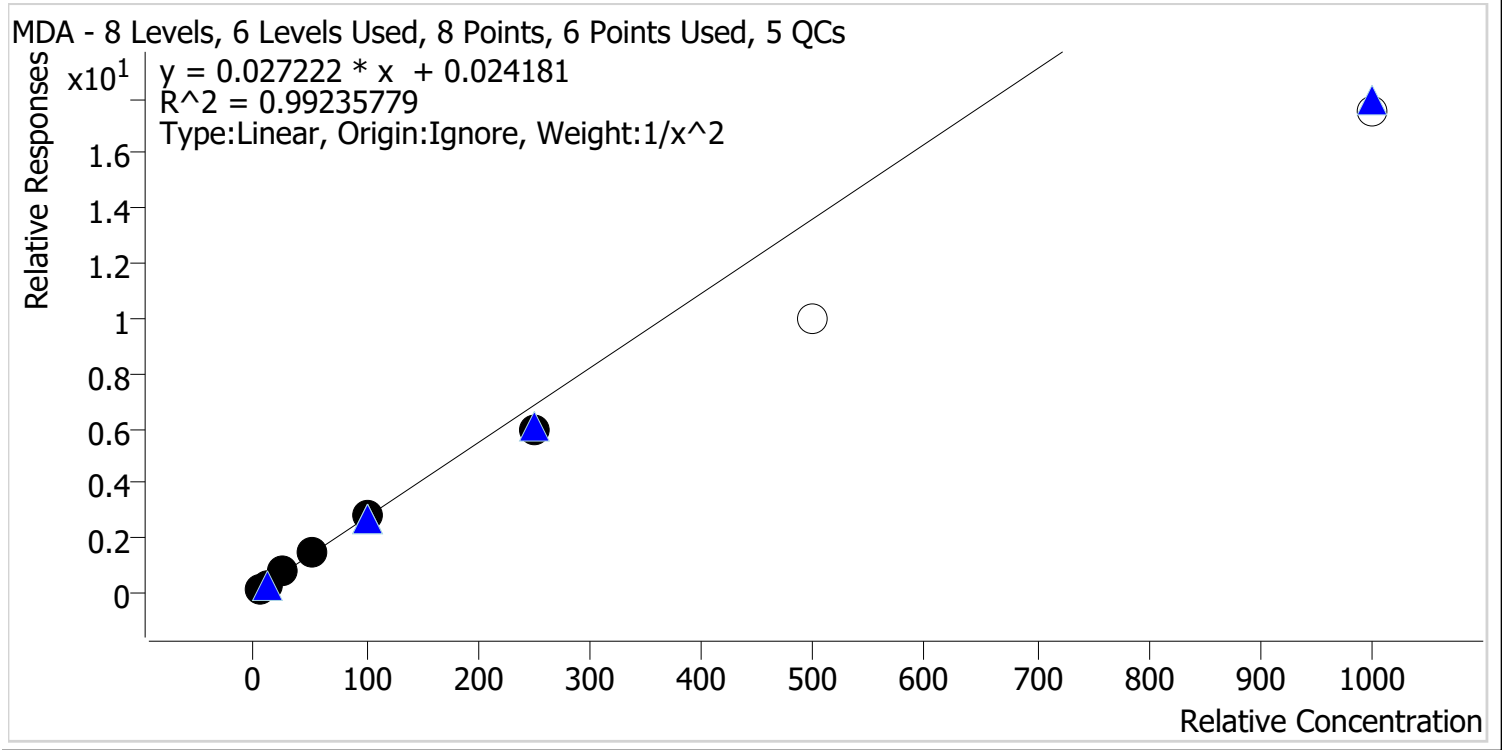
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	4382800	239.01	35.9	228.29	257186	900.4292 ng/ml
Hydromorphone	1.622	3935604	4290035.56	72.9	2716950.19	112973	1024.0004 ng/ml
Hydroxyzine	5.700	8491990	12618.69	79.1	295252.04	149504	1254.1838 ng/ml
Ketamine	4.050	6926090	1913.74	34.0	39507.17	373535	862.2487 ng/ml
Lamotrigine	4.294	406899	33400.72	82.7	1184.90	620196	782.7289 ng/ml
Lorazepam	5.743	568533	6049.62	51.2	5407.40	39830	1068.2055 ng/ml
MDA	3.191	5538579	29201.34	35.1	17177.76	308870	657.8446 ng/ml
MDMA	3.298	6534618	11900.94	117.0	6496.95	76946	978.9924 ng/ml
Meprobamate	4.908	2042049	1507.57	27.5	13128.15	99515	990.5109 ng/ml
Methadone	5.662	17576702	1489.27	48.5	3437.36	632825	984.5453 ng/ml
Methamphetamine	3.226	17994285	89492.75	33.5	176970.31	1143945	675.6673 ng/ml
Metoprolol	4.334	1656705	267369.74	104.9	283359.21	1005582	726.4139 ng/ml
Mirtazapine	4.620	19042473	368186.05	49.3	463068.76	448172	1028.0274 ng/ml
Mitragynine	5.229	3226180	116595.52	38.2	265890.53	632825	886.0983 ng/ml
Morphine	1.261	575974	14655.41	54.8	3688.76	10137	957.3514 ng/ml
Norbuprenorphine	5.004	52945	3181.89	101.2	436.93	23911	99.3779 ng/ml
Nordiazepam	5.890	2258559	101513.03	58.9	25885.78	75164	946.7315 ng/ml
Norfentanyl	4.091	1258510	422384.14	37.2	2426.63	290484	146.8779 ng/ml
Norhydrocodone	3.074	786699	96.23	41.5	∞	40944	1129.1196 ng/ml
Noroxycodone	2.924	2586347	20932.34	44.7	639.71	82031	999.5927 ng/ml
O-desmethyl-tramadol	3.379	20890357	109888.70	5.7	48125.67	1051657	1017.8474 ng/ml
o-desmethylvenlafaxine	4.076	25833842	297011.43	16.7	65406.25	167448	1125.2658 ng/ml
Olanzapine	4.427	4119992	133970.63	61.8	16450.28	89352	1074.2733 ng/ml
Oxazepam	5.746	873261	8493.47	72.9	11762.18	39830	973.6333 ng/ml
Oxycodone	2.828	7527420	1048.85	26.5	1029.74	405523	736.7971 ng/ml
Oxymorphone	1.418	4259477	214.42	42.1	223.58	157299	910.5163 ng/ml
Phentermine	3.780	3736094	∞	6.7	589.19	665126	649.8168 ng/ml
Promethazine	5.547	17102467	2414.55	29.5	8040.85	623713	1082.1259 ng/ml
Pseudoephedrine	2.596	15533632	145377.02	18.1	125503.75	620196	1091.7219 ng/ml
Quetiapine	5.536	6885611	317065.19	62.2	56768.78	214241	579.6764 ng/ml
Sertraline	5.779	1999876	857.30	96.9	1387.69	84535	996.1748 ng/ml
Temazepam	5.813	2468158	19711.56	27.2	3936.96	121022	949.0527 ng/ml
Tramadol	4.246	15519602	636.10	3.8	542.69	1005582	832.7933 ng/ml
Trazodone	5.100	8425908	519.16	76.8	497441.72	338739	960.4900 ng/ml
Venlafaxine	5.049	18861509	7526.25	34.3	9553.72	864695	1032.5738 ng/ml
Zolpidem	4.884	20426409	385922.47	28.1	2743.49	951330	844.4800 ng/ml

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	218.1	87.2
p1 Cal 7-500ng	7	x	500.0	366.6	73.3
p1 Cal 8-1000ng	8	x	1000.0	645.4	64.5

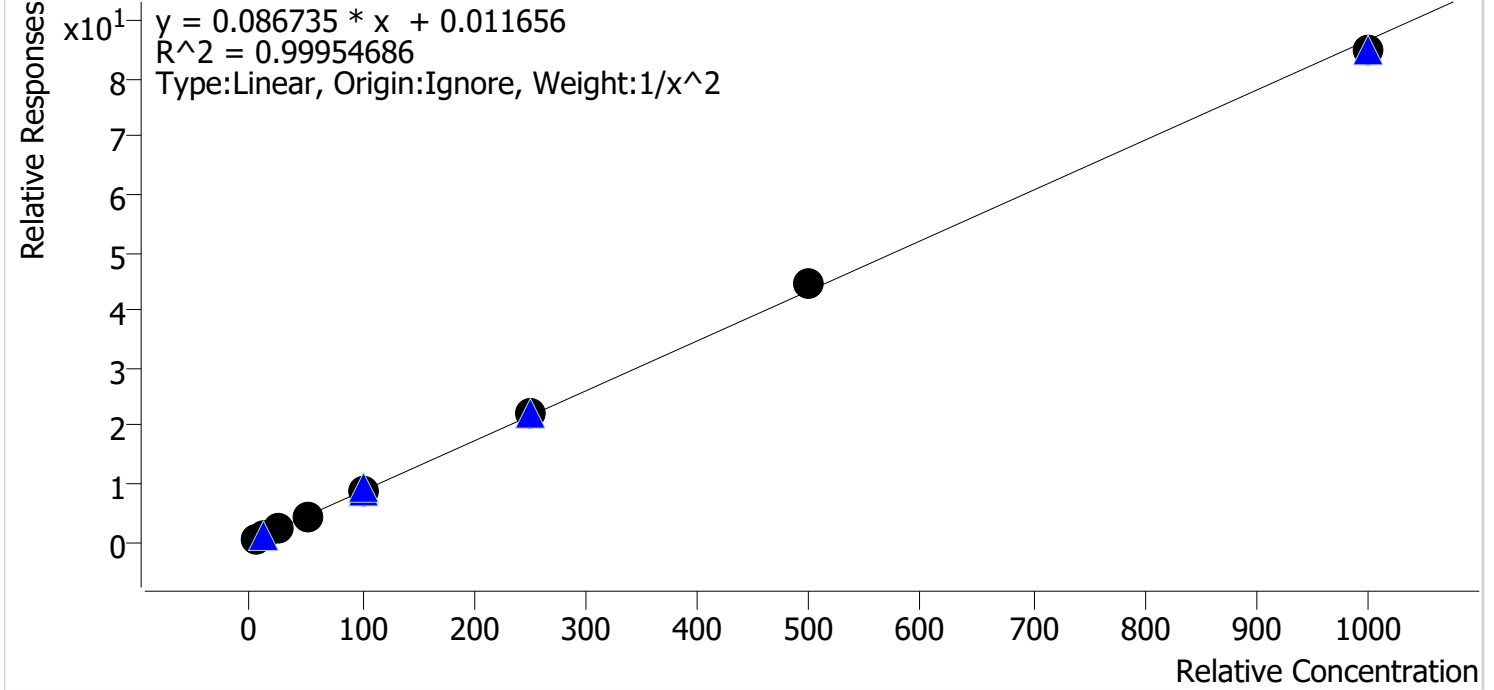
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



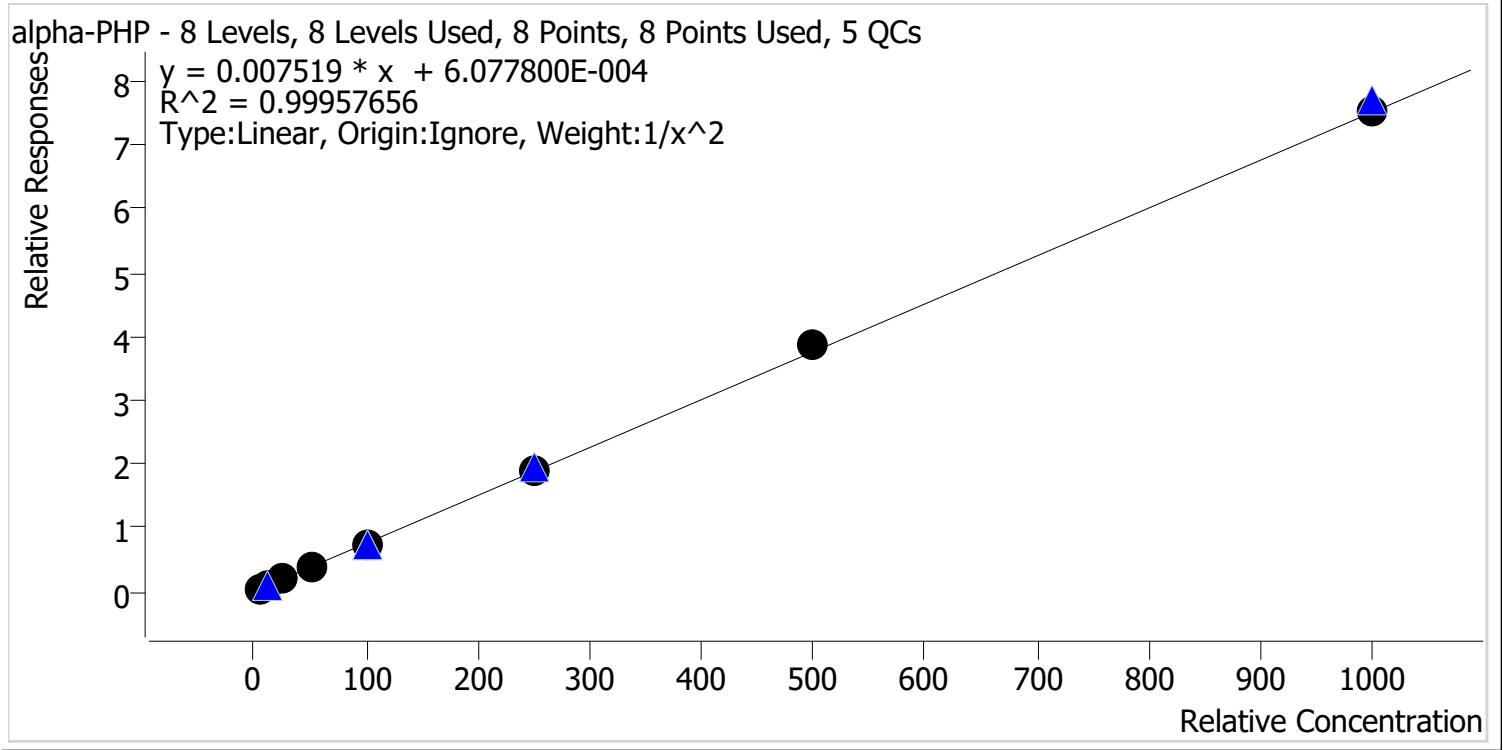
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	256.6	102.7
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	977.3	97.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



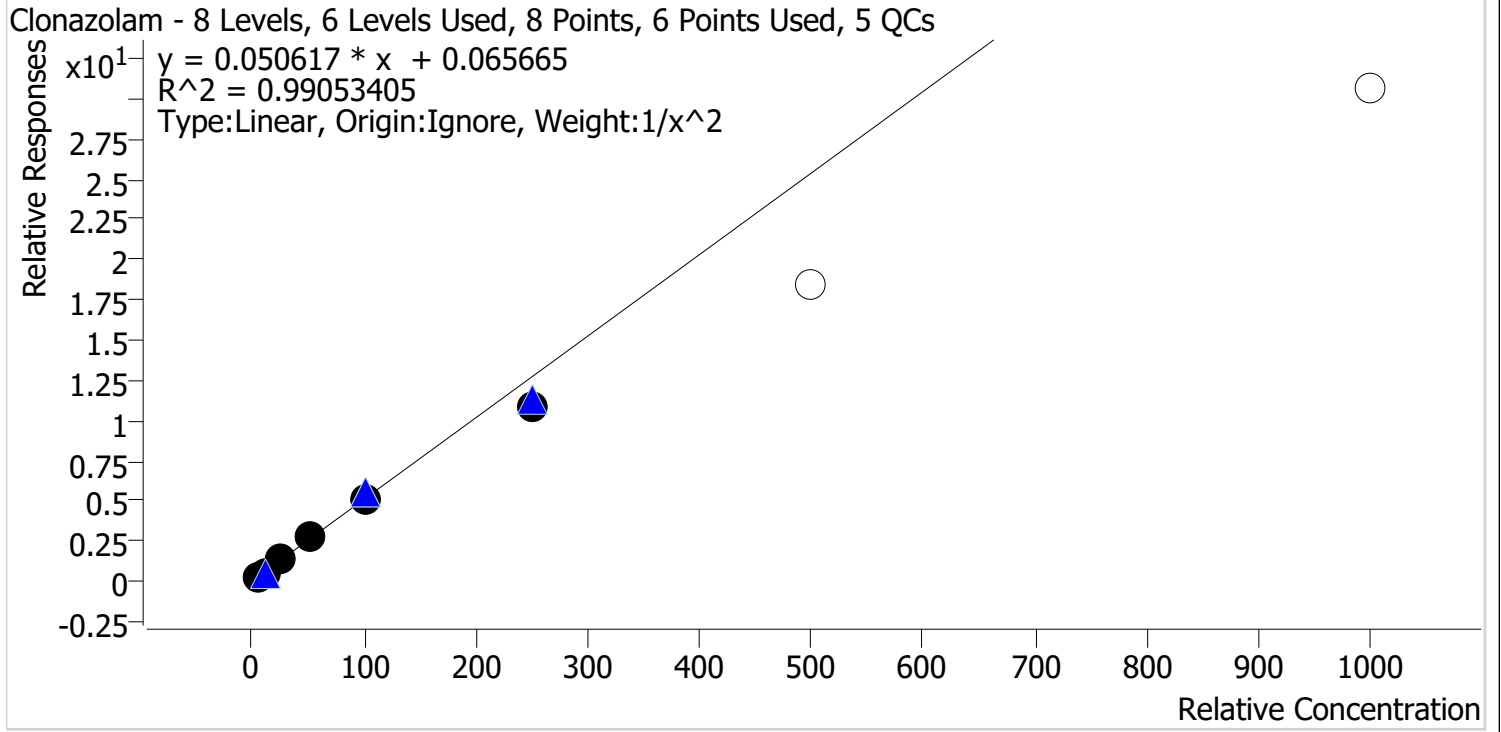
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1002.2	100.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	214.4	85.7
p1 Cal 7-500ng	7	x	500.0	361.9	72.4
p1 Cal 8-1000ng	8	x	1000.0	603.6	60.4

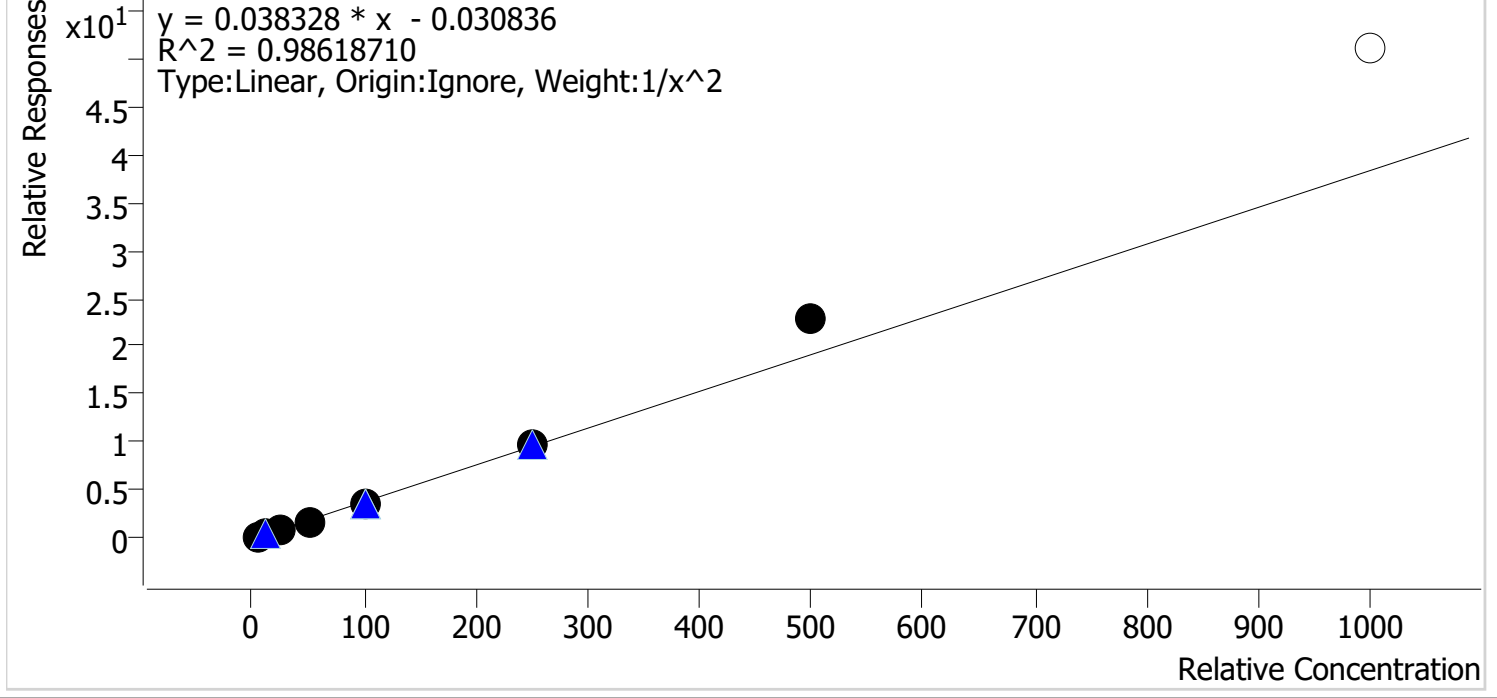
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



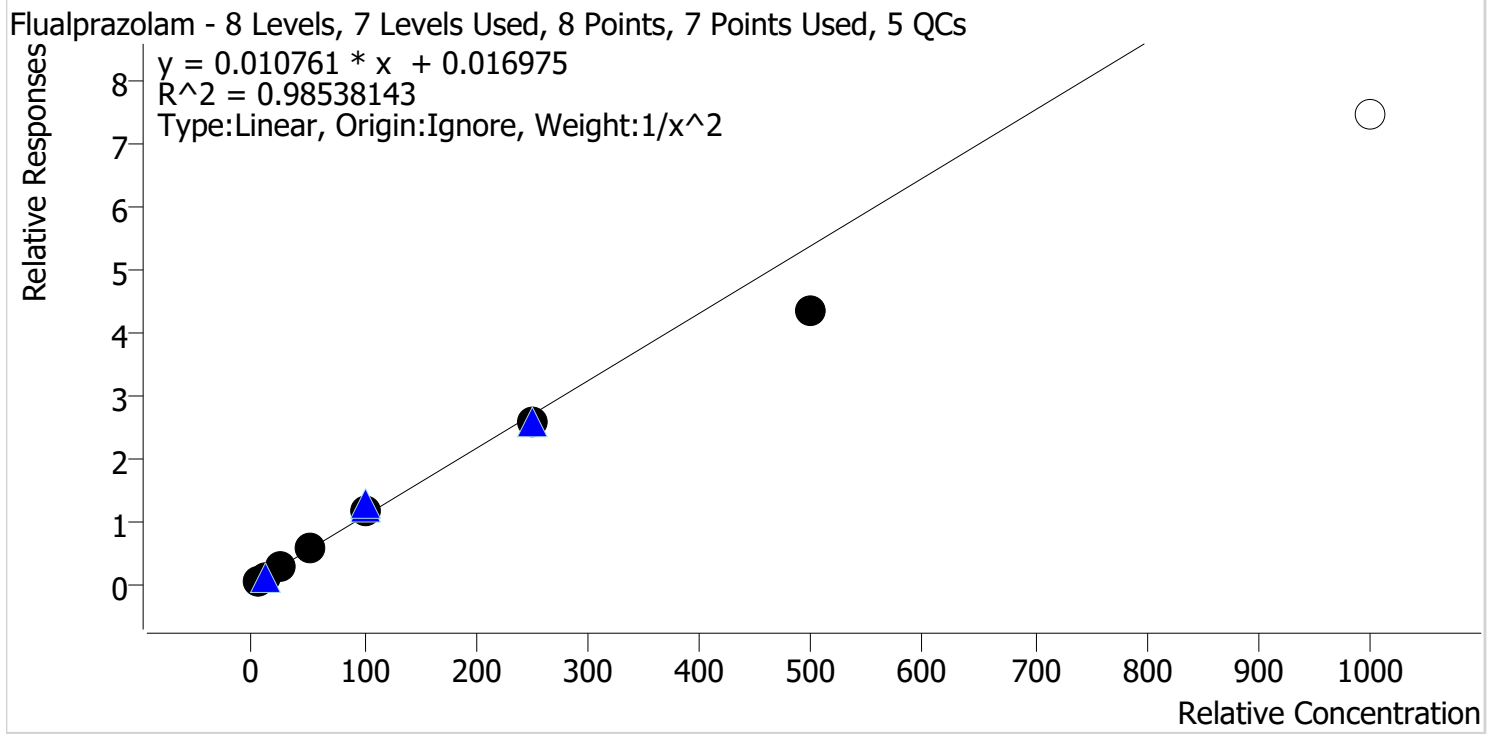
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	22.5	89.9
p1 Cal 4-50ng	4	✓	50.0	45.4	90.8
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	255.1	102.1
p1 Cal 7-500ng	7	✓	500.0	596.5	119.3
p1 Cal 8-1000ng	8	✗	1000.0	1331.3	133.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



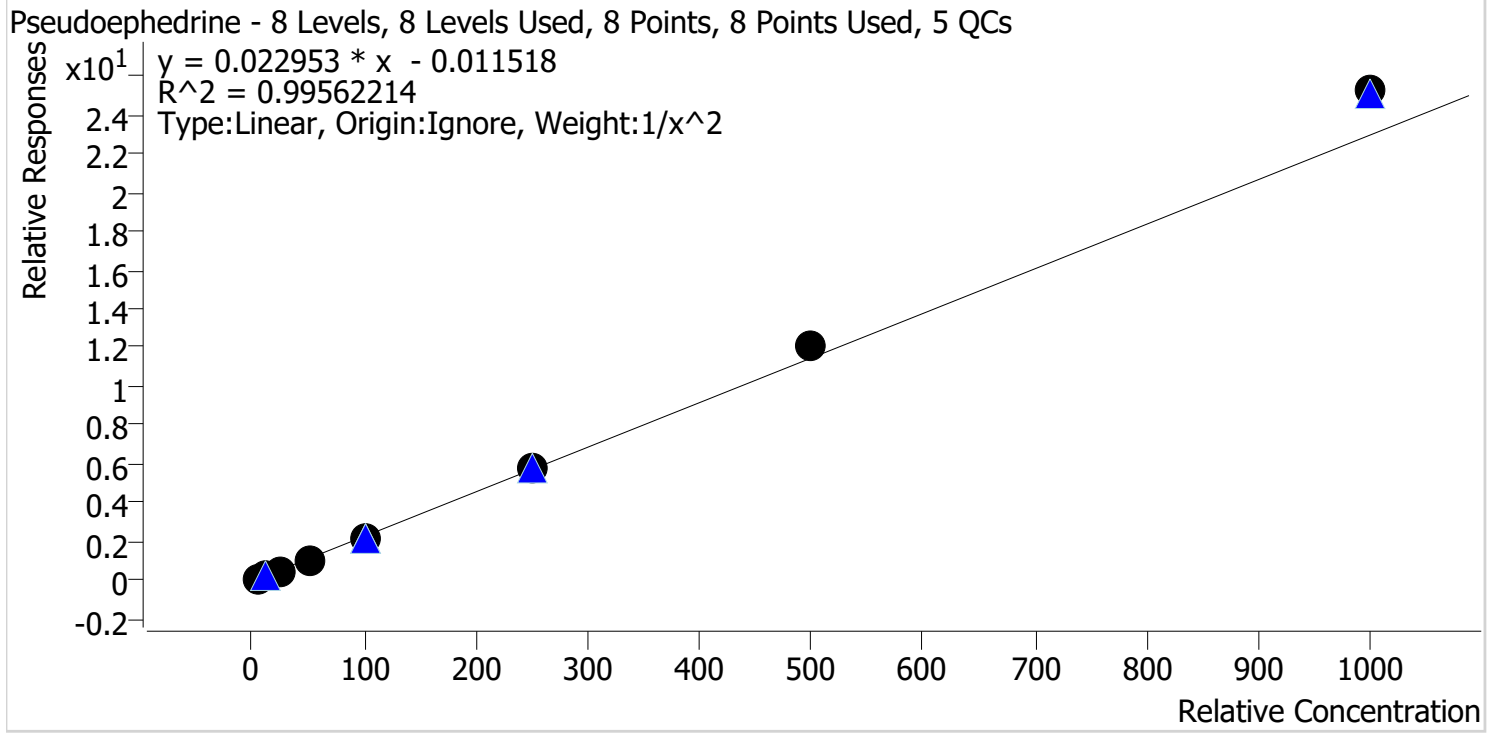
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	54.9	109.7
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	239.9	96.0
p1 Cal 7-500ng	7	✓	500.0	402.3	80.5
p1 Cal 8-1000ng	8	x	1000.0	692.4	69.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



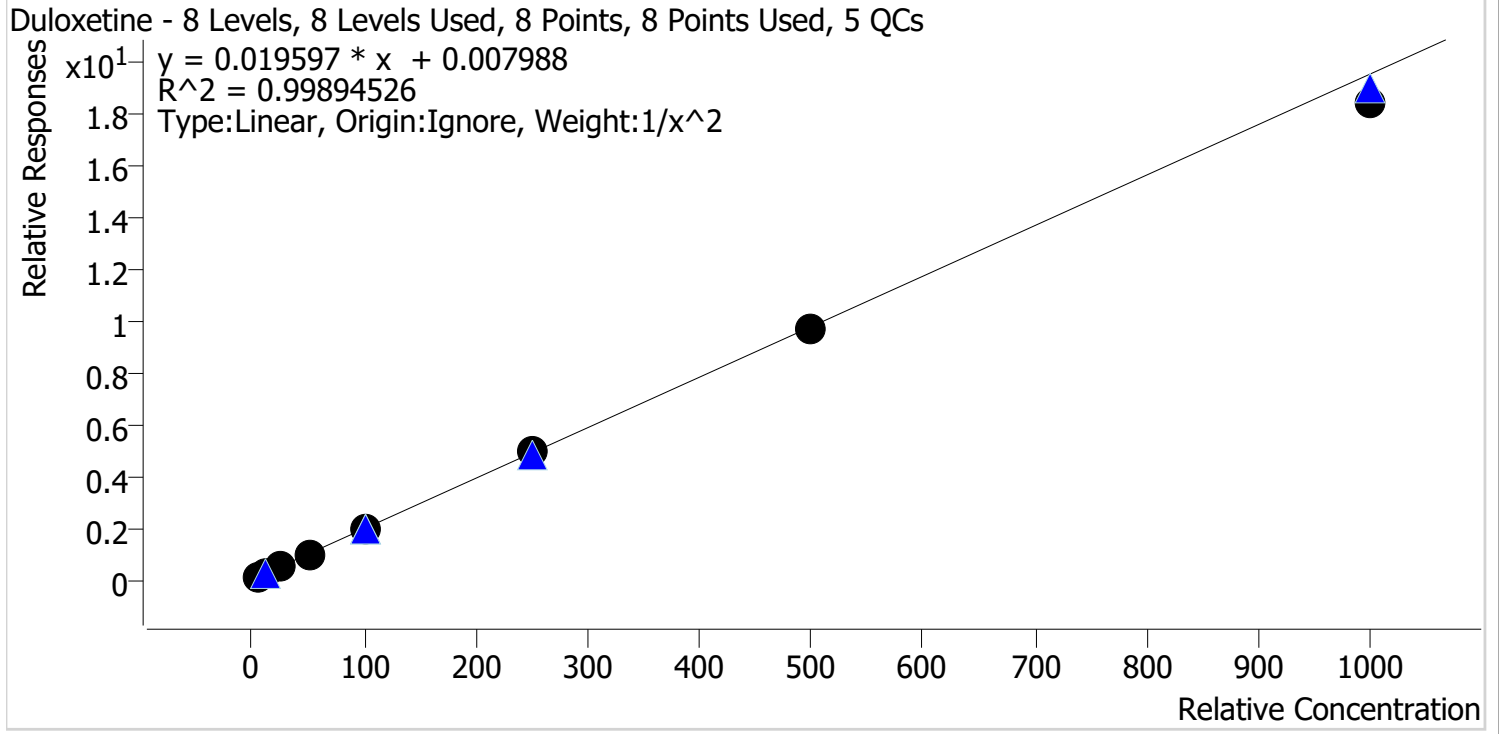
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	524.5	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1099.6	110.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	494.7	98.9
p1 Cal 8-1000ng	8	✓	1000.0	939.7	94.0

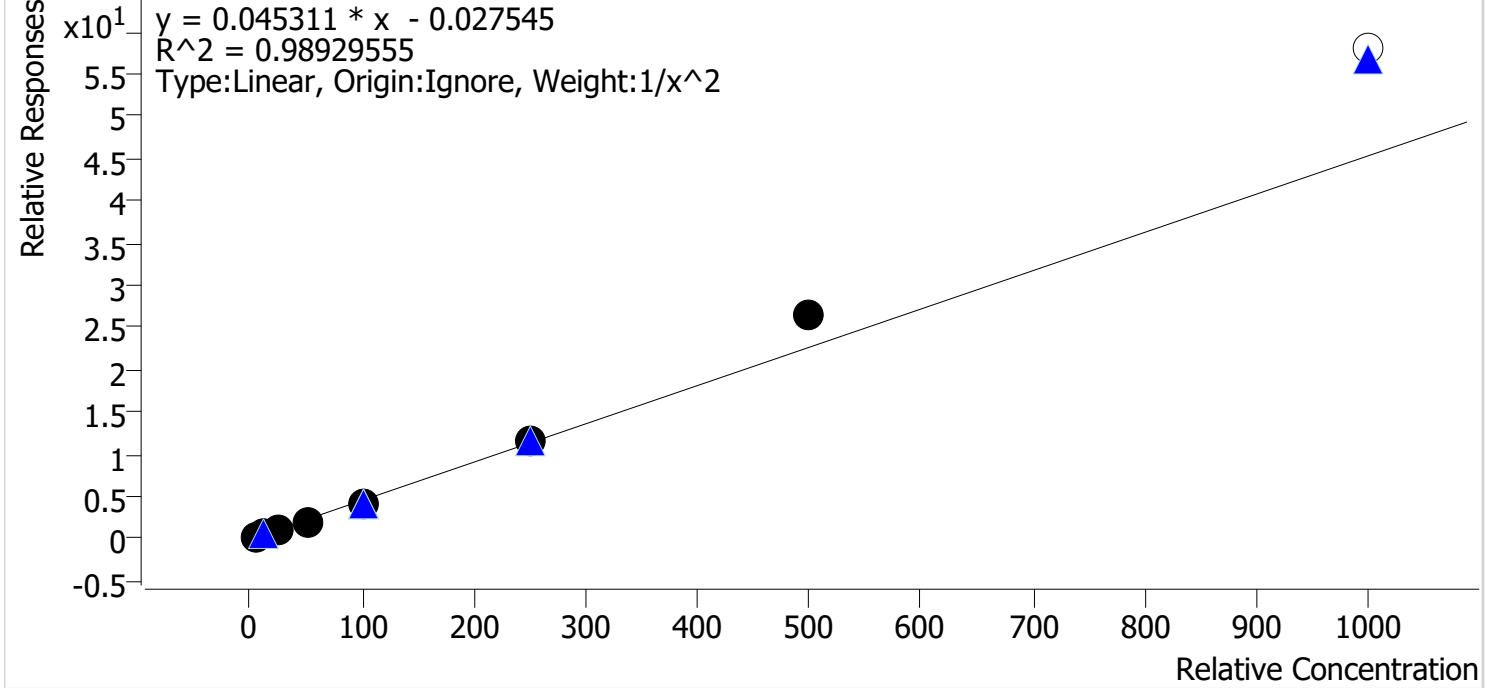
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

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



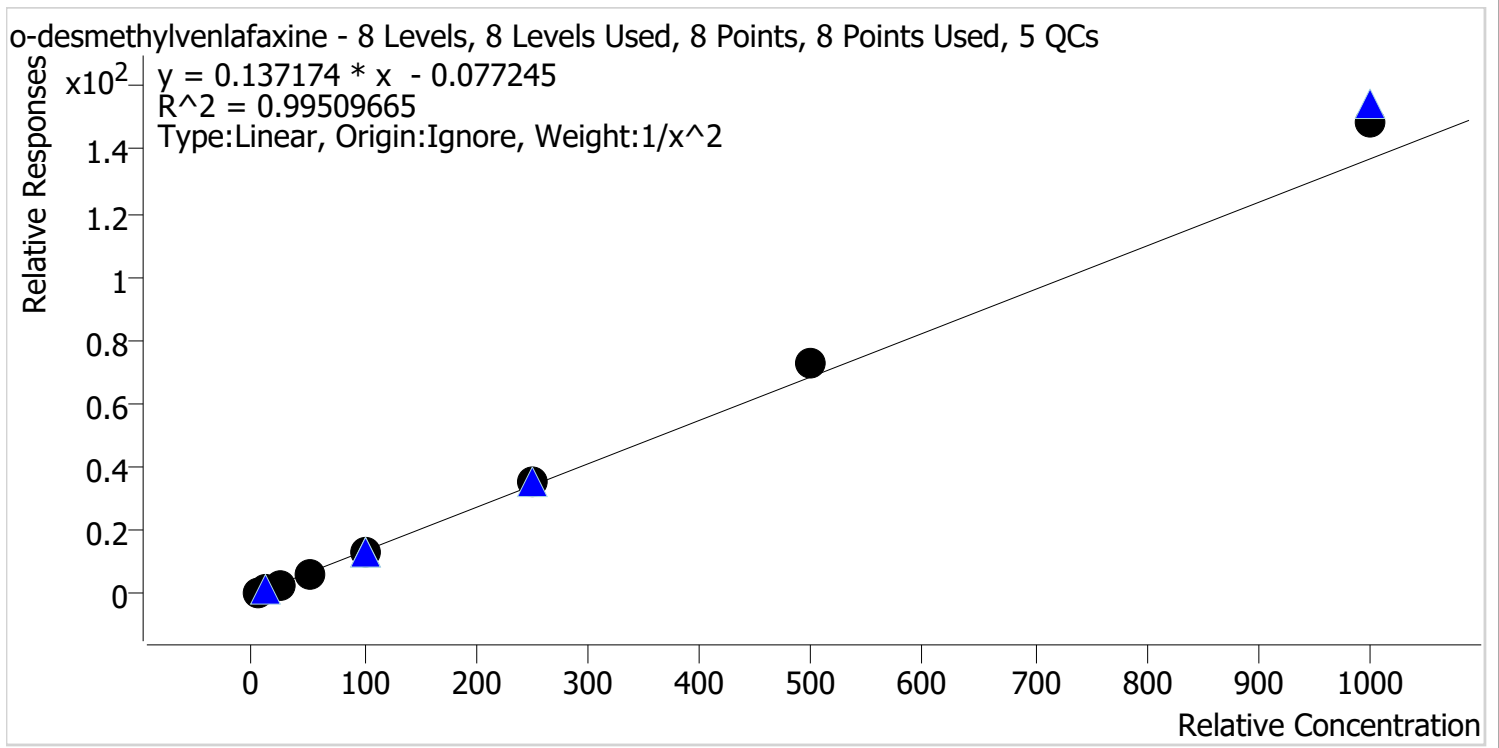
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.2
p1 Cal 4-50ng	4	✓	50.0	46.0	92.0
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	260.0	104.0
p1 Cal 7-500ng	7	✓	500.0	581.4	116.3
p1 Cal 8-1000ng	8	✗	1000.0	1280.1	128.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 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_r	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.8
p1 Cal 4-50ng	4	✓	50.0	46.6	93.3
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	535.0	107.0
p1 Cal 8-1000ng	8	✓	1000.0	1083.3	108.3

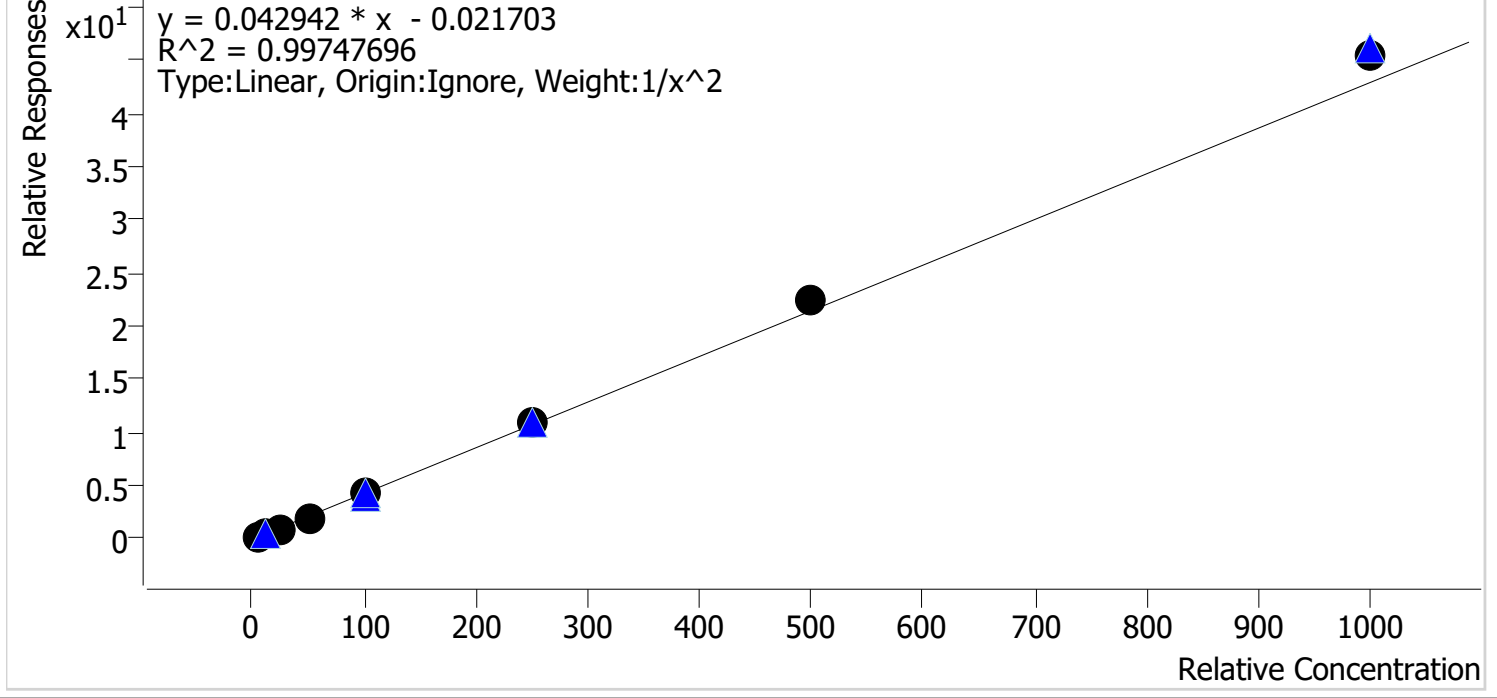
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

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



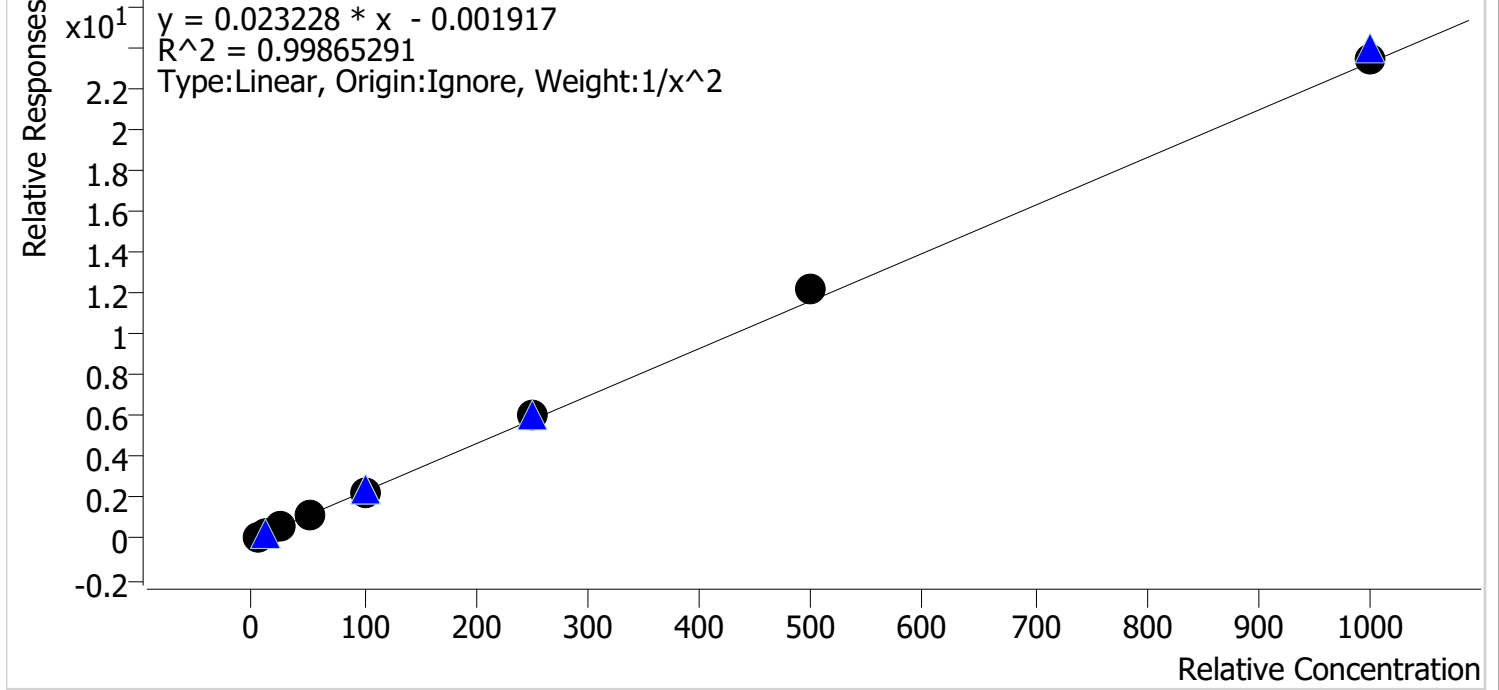
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	519.4	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1060.1	106.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



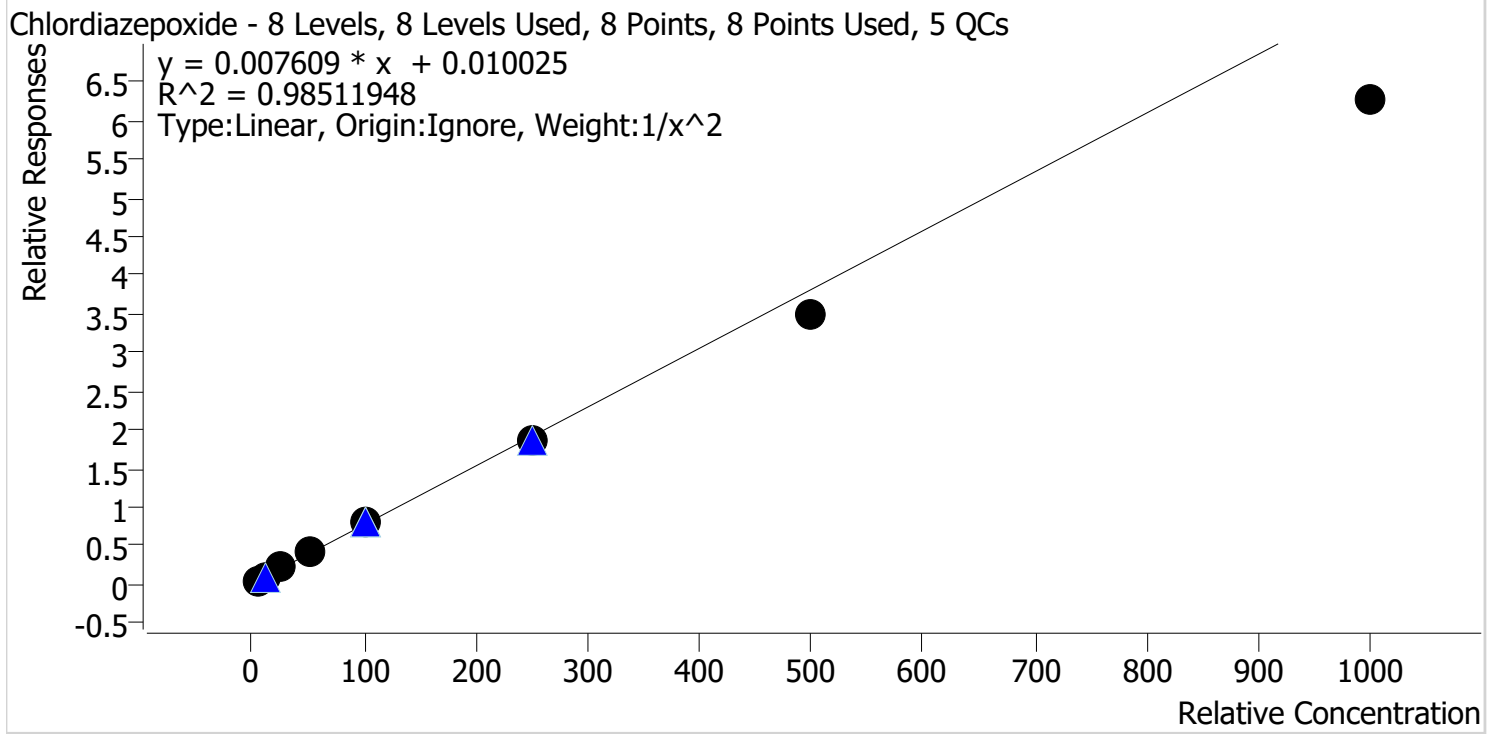
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	524.3	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1009.5	101.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.6
p1 Cal 4-50ng	4	✓	50.0	55.6	111.1
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	457.4	91.5
p1 Cal 8-1000ng	8	✓	1000.0	820.6	82.1

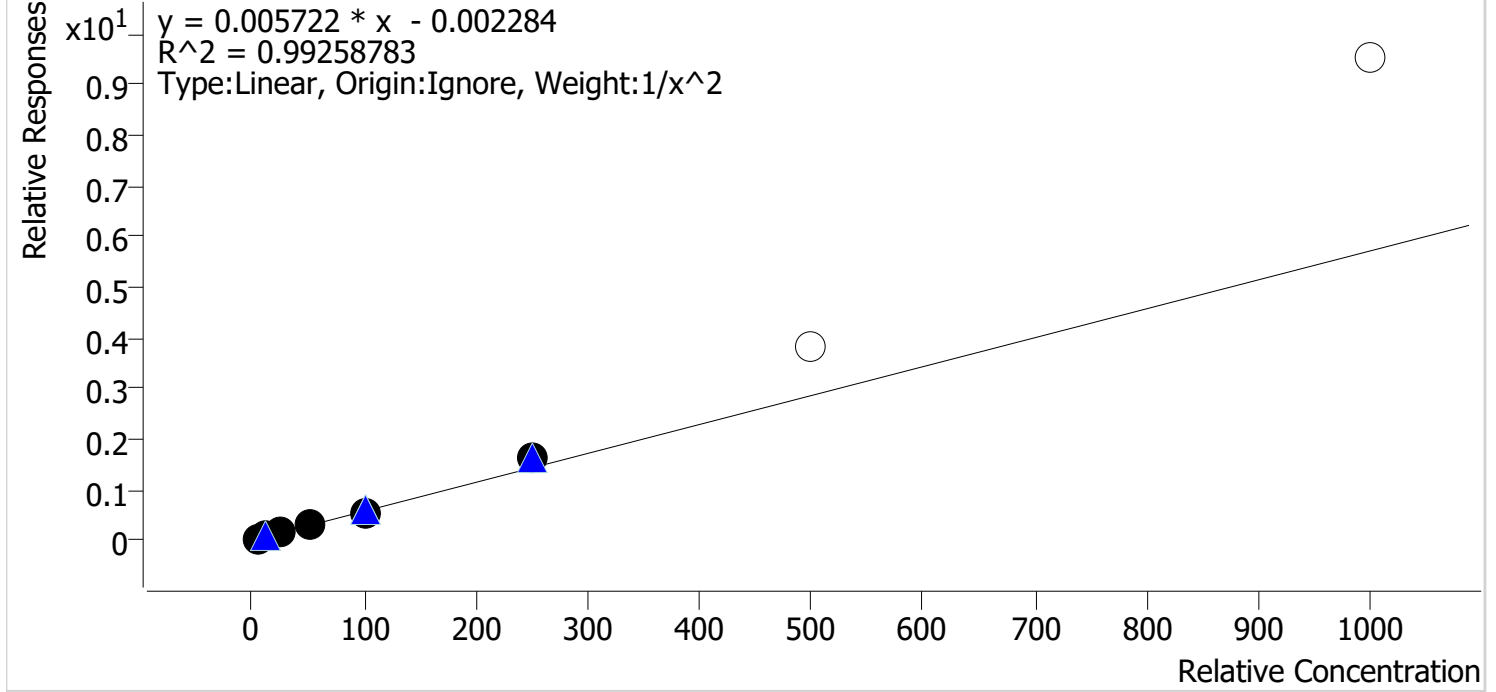
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

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



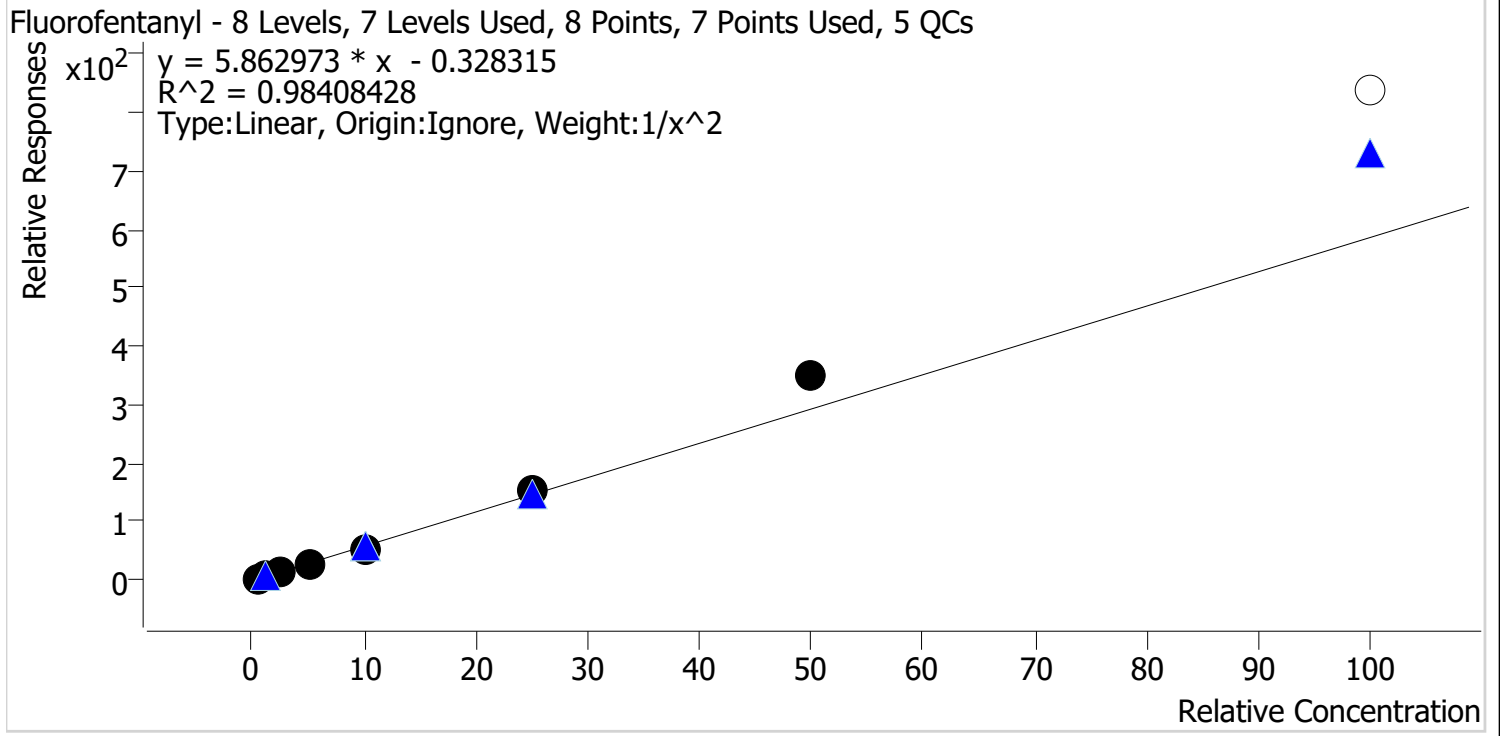
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.2
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	280.7	112.3
p1 Cal 7-500ng	7	x	500.0	671.1	134.2
p1 Cal 8-1000ng	8	x	1000.0	1667.3	166.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	0.5	0.5	105.5
p1 Cal 2-10ng	2	✓	1.0	1.0	95.1
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.2
p1 Cal 4-50ng	4	✓	5.0	4.5	90.5
p1 Cal 5-100ng	5	✓	10.0	9.4	94.1
p1 Cal 6-250ng	6	✓	25.0	26.7	106.9
p1 Cal 7-500ng	7	✓	50.0	59.3	118.7
p1 Cal 8-1000ng	8	✗	100.0	142.8	142.8

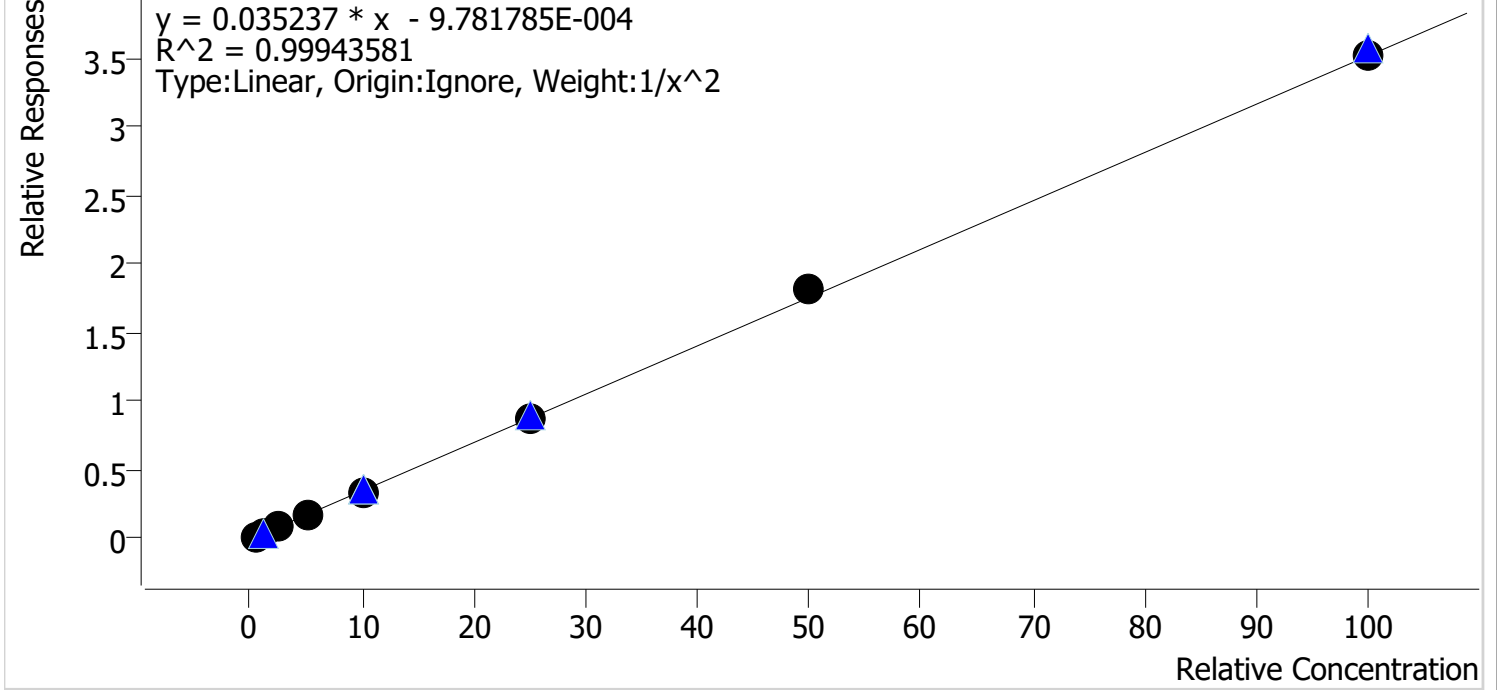
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 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, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	0.5	0.5	100.6
p1 Cal 2-10ng	2	✓	1.0	1.0	100.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	98.0
p1 Cal 4-50ng	4	✓	5.0	4.9	97.2
p1 Cal 5-100ng	5	✓	10.0	9.9	98.6
p1 Cal 6-250ng	6	✓	25.0	25.3	101.2
p1 Cal 7-500ng	7	✓	50.0	51.9	103.8
p1 Cal 8-1000ng	8	✓	100.0	100.4	100.4

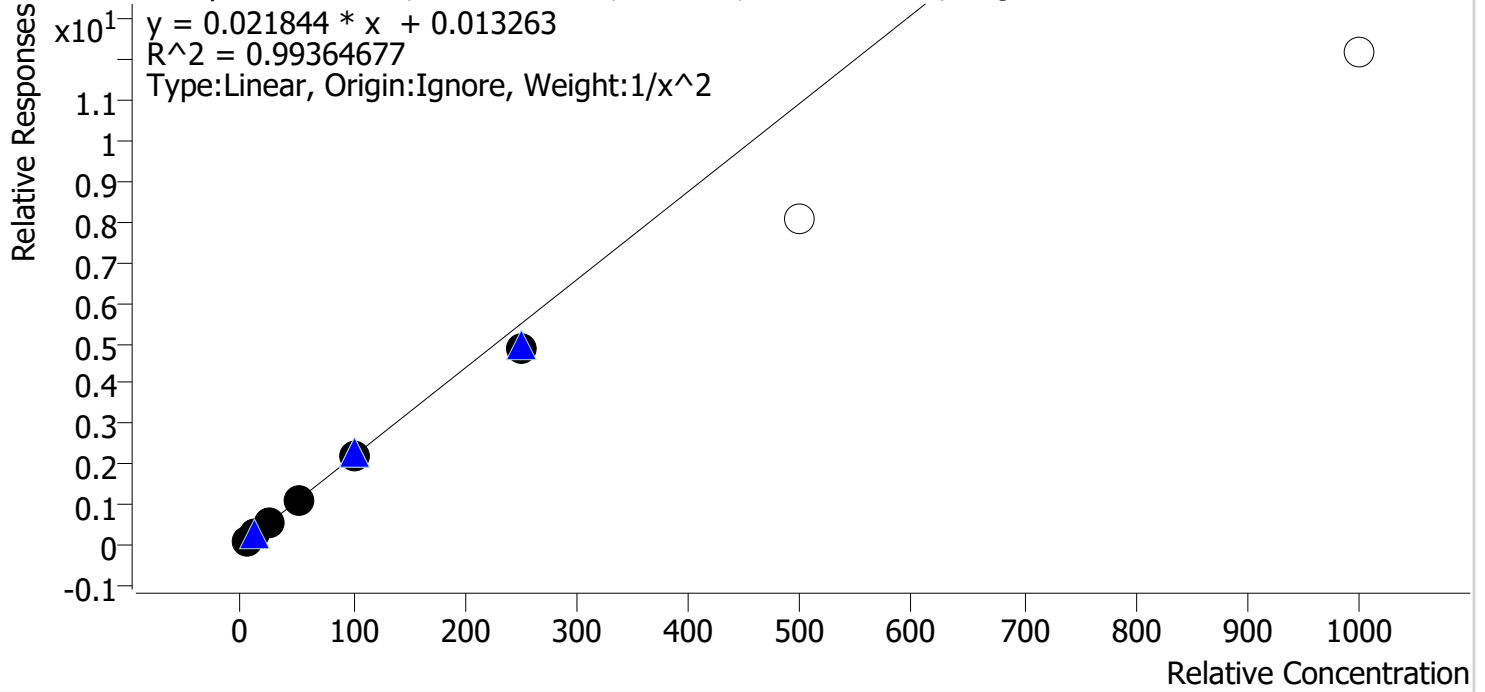
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	221.1	88.4
p1 Cal 7-500ng	7	✗	500.0	368.3	73.7
p1 Cal 8-1000ng	8	✗	1000.0	555.7	55.6

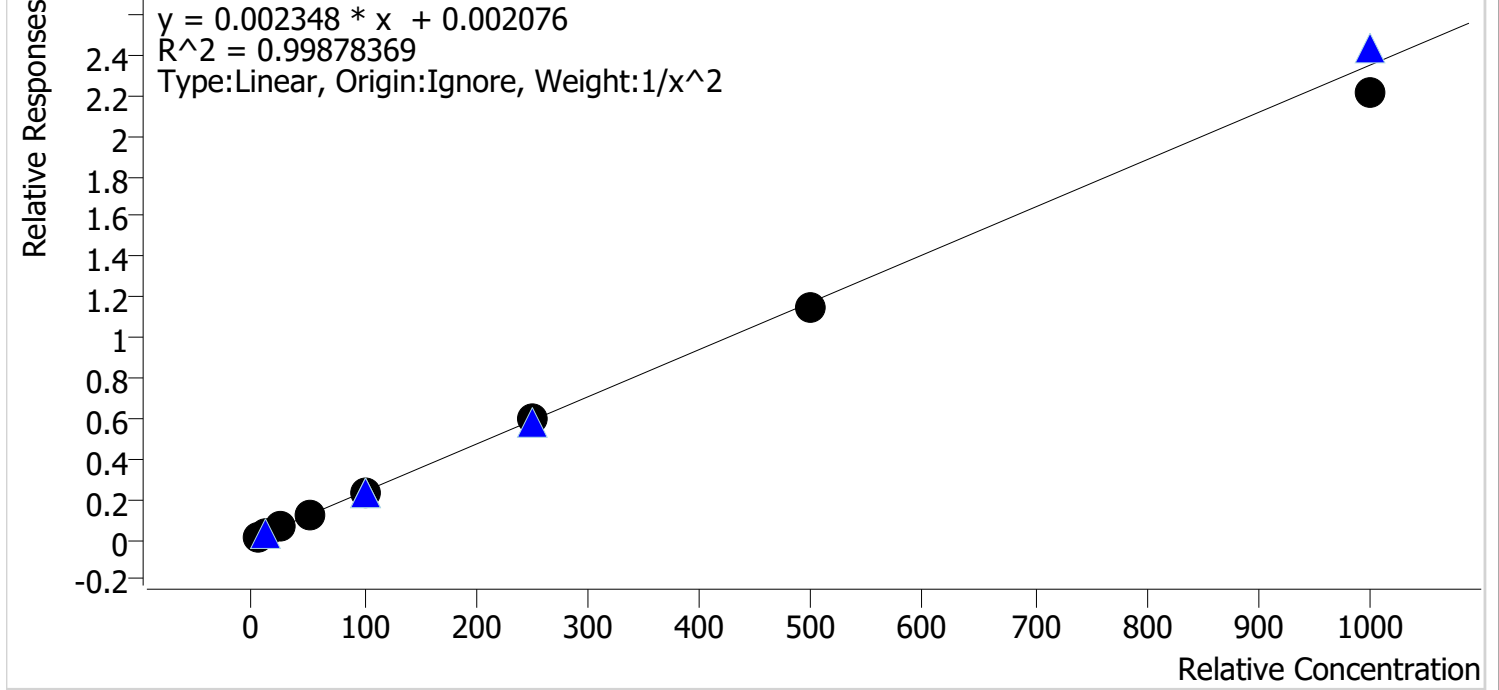
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	490.6	98.1
p1 Cal 8-1000ng	8	✓	1000.0	941.6	94.2

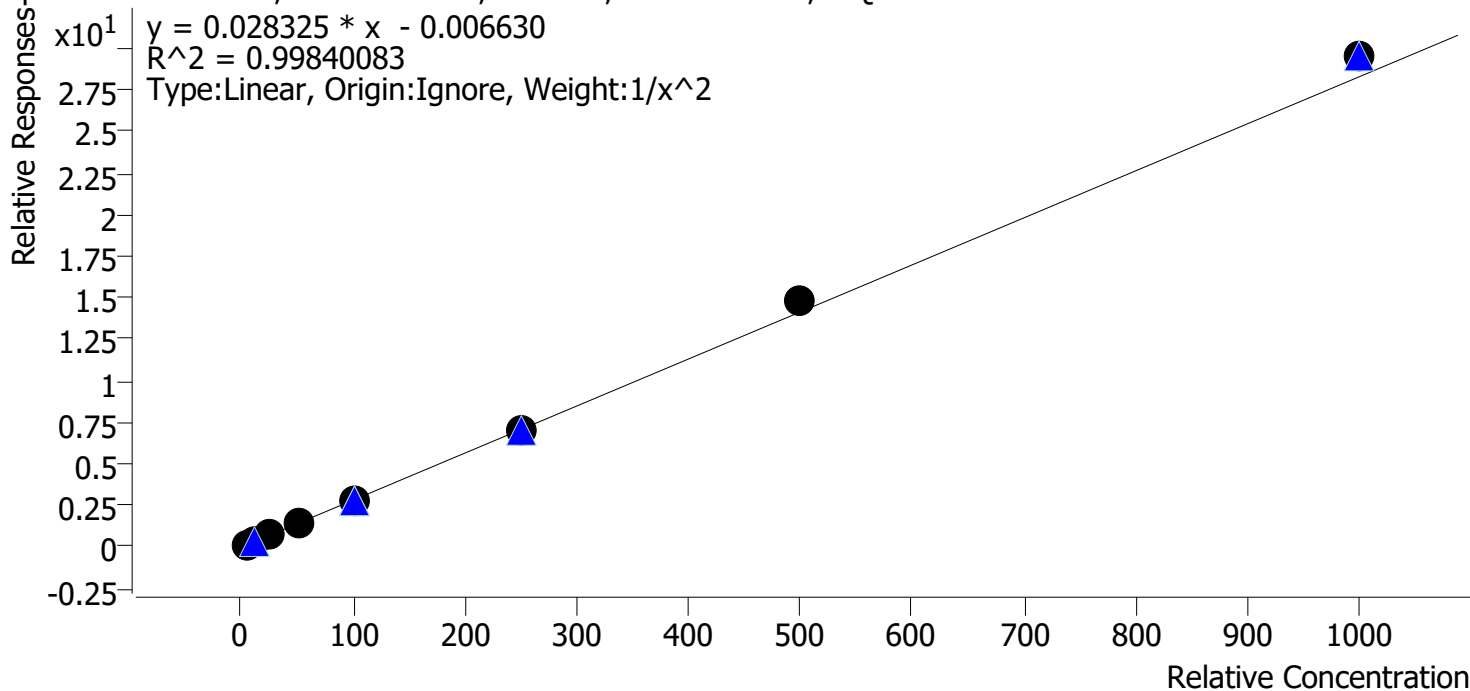
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 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, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	524.1	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1040.7	104.1

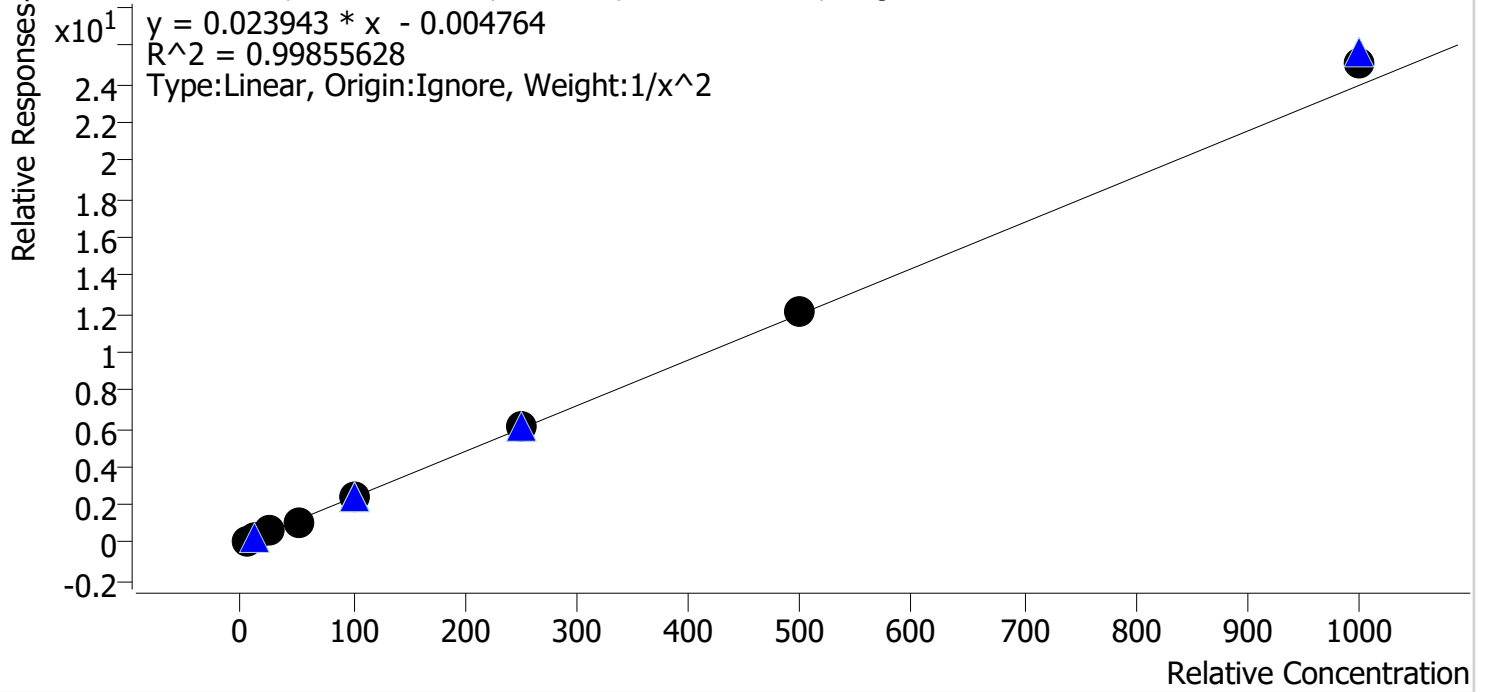
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1046.7	104.7

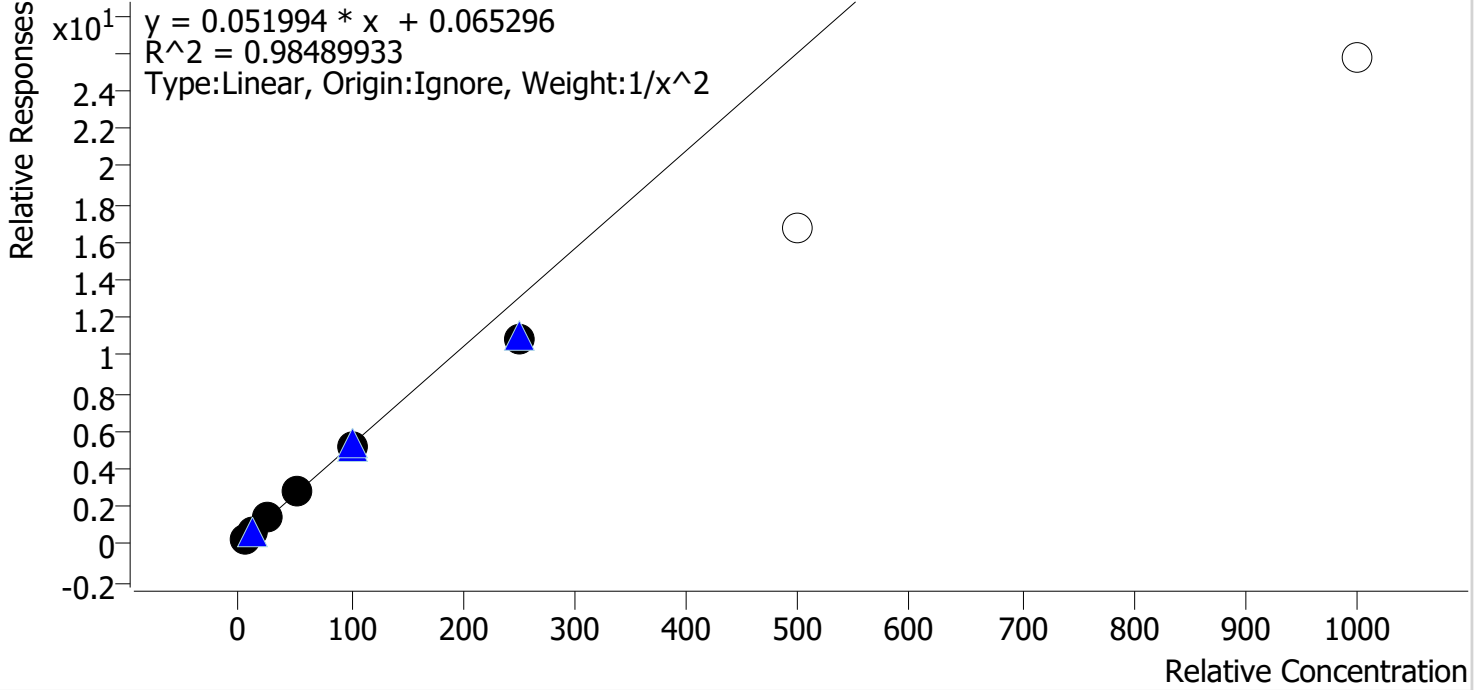
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	27.2	109.0
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	207.0	82.8
p1 Cal 7-500ng	7	x	500.0	321.0	64.2
p1 Cal 8-1000ng	8	x	1000.0	495.8	49.6

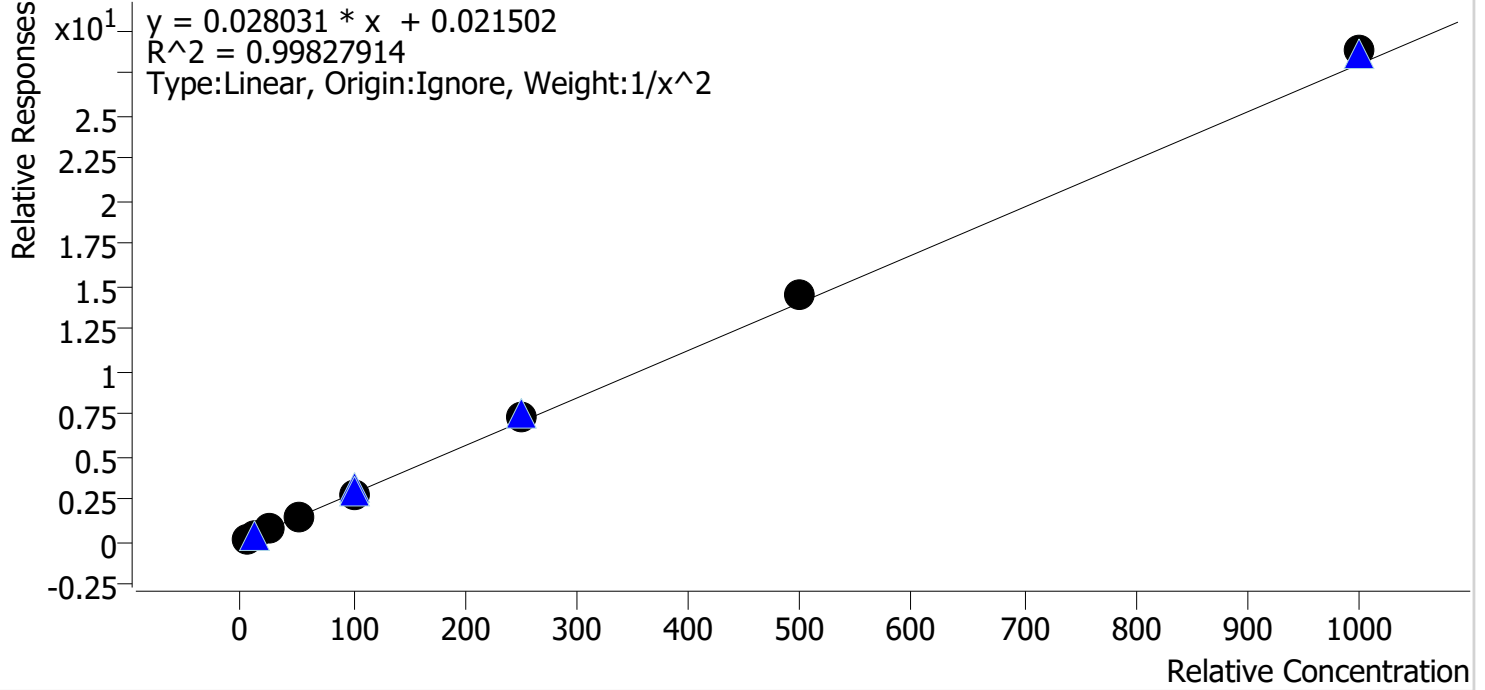
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

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



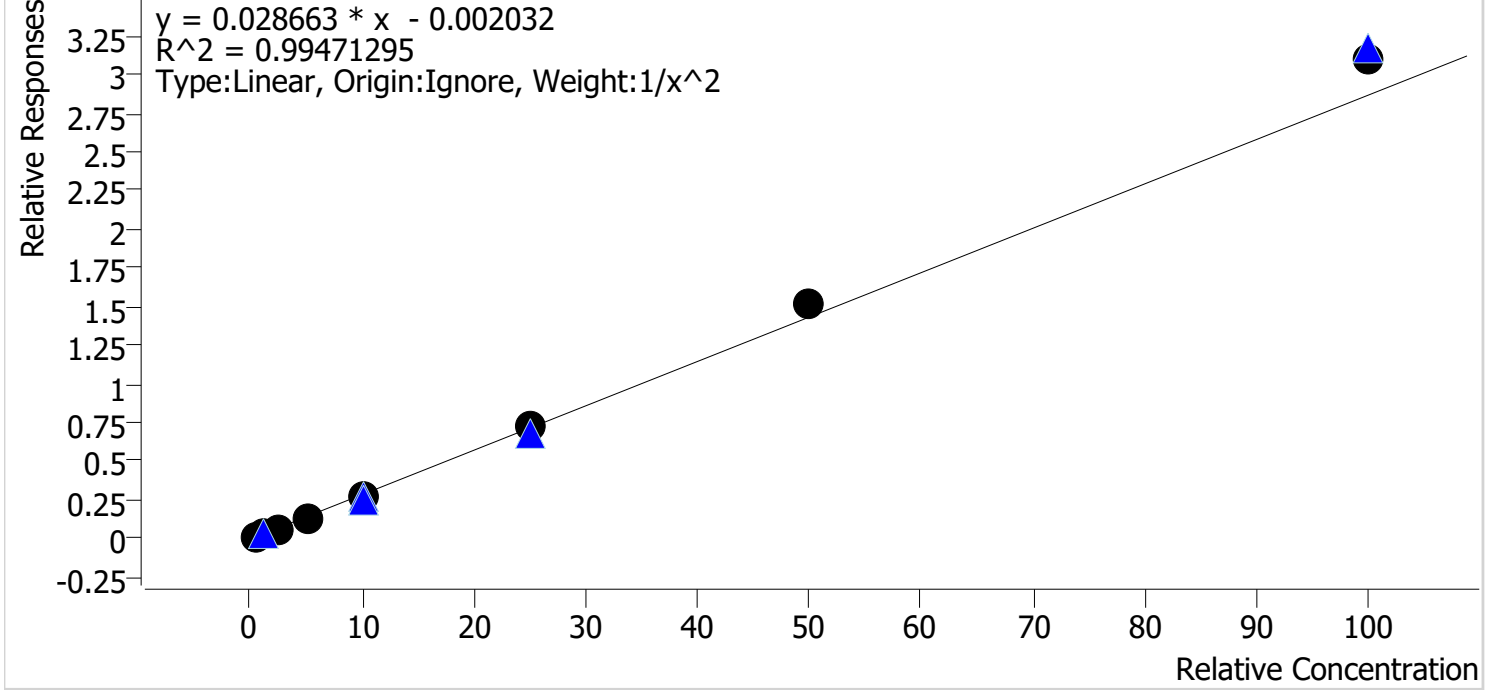
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1028.6	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



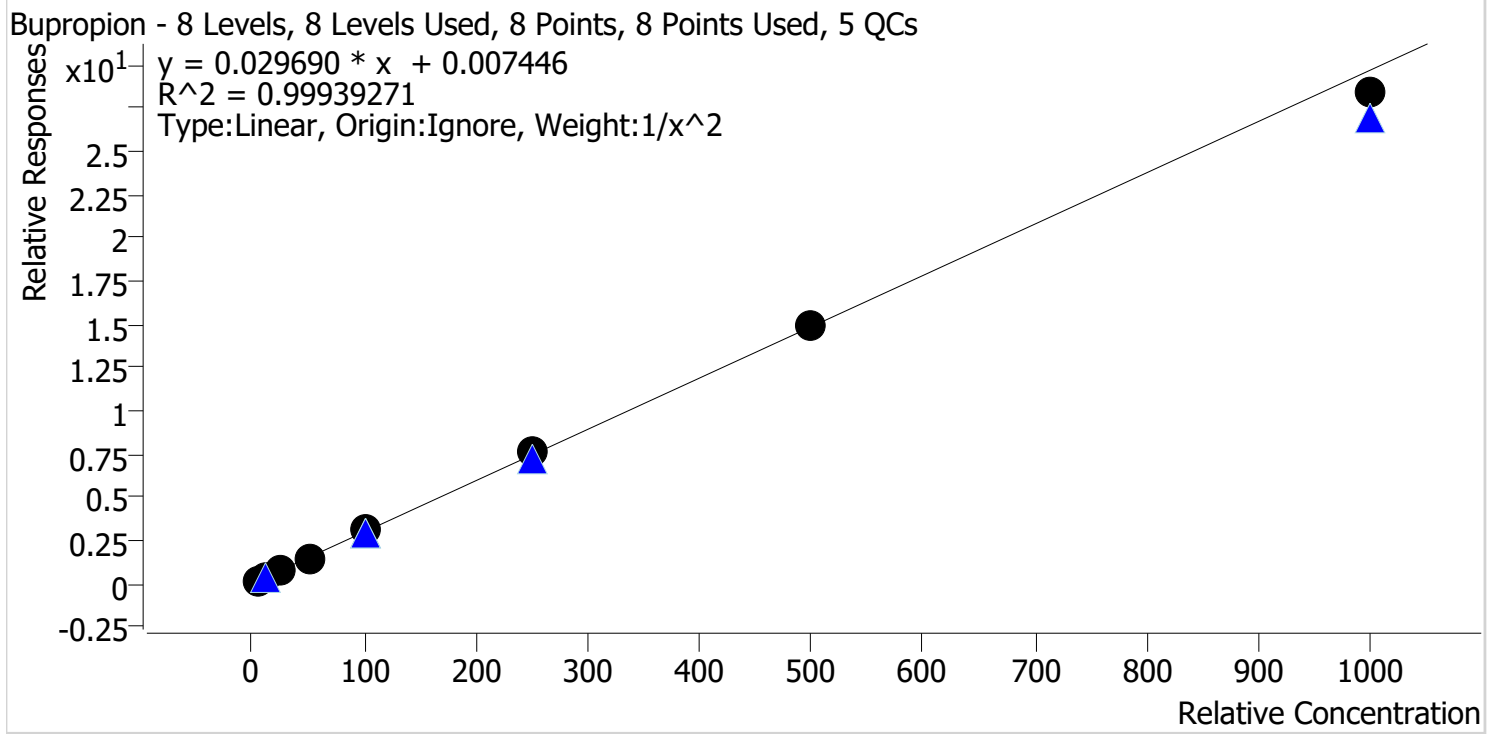
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	0.5	0.5	101.7
p1 Cal 2-10ng	2	✓	1.0	1.0	101.7
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.6
p1 Cal 4-50ng	4	✓	5.0	4.6	92.7
p1 Cal 5-100ng	5	✓	10.0	9.4	94.3
p1 Cal 6-250ng	6	✓	25.0	25.8	103.4
p1 Cal 7-500ng	7	✓	50.0	53.2	106.4
p1 Cal 8-1000ng	8	✓	100.0	108.2	108.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

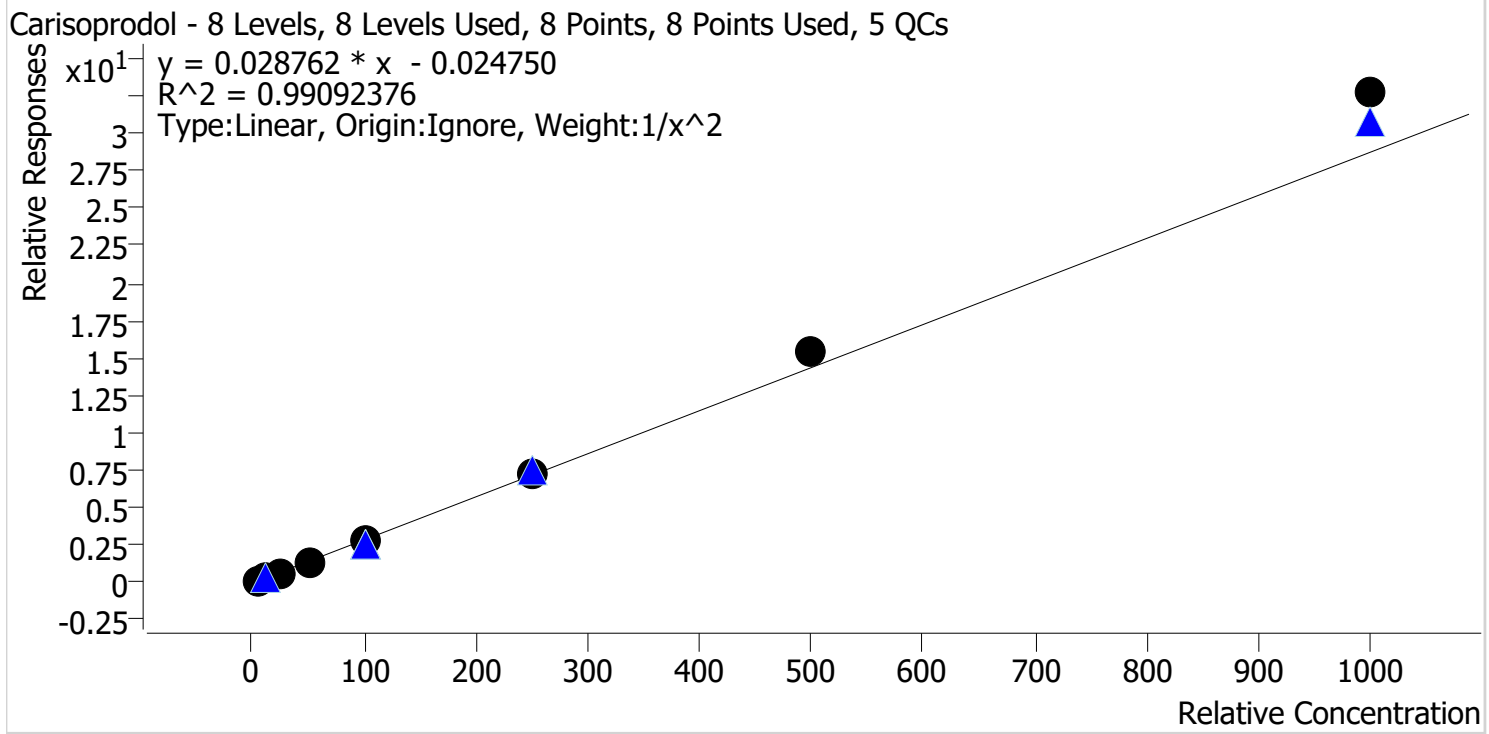


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	254.6	101.9
p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
p1 Cal 8-1000ng	8	✓	1000.0	956.3	95.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.5
p1 Cal 4-50ng	4	✓	50.0	45.7	91.4
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	538.7	107.7
p1 Cal 8-1000ng	8	✓	1000.0	1138.6	113.9

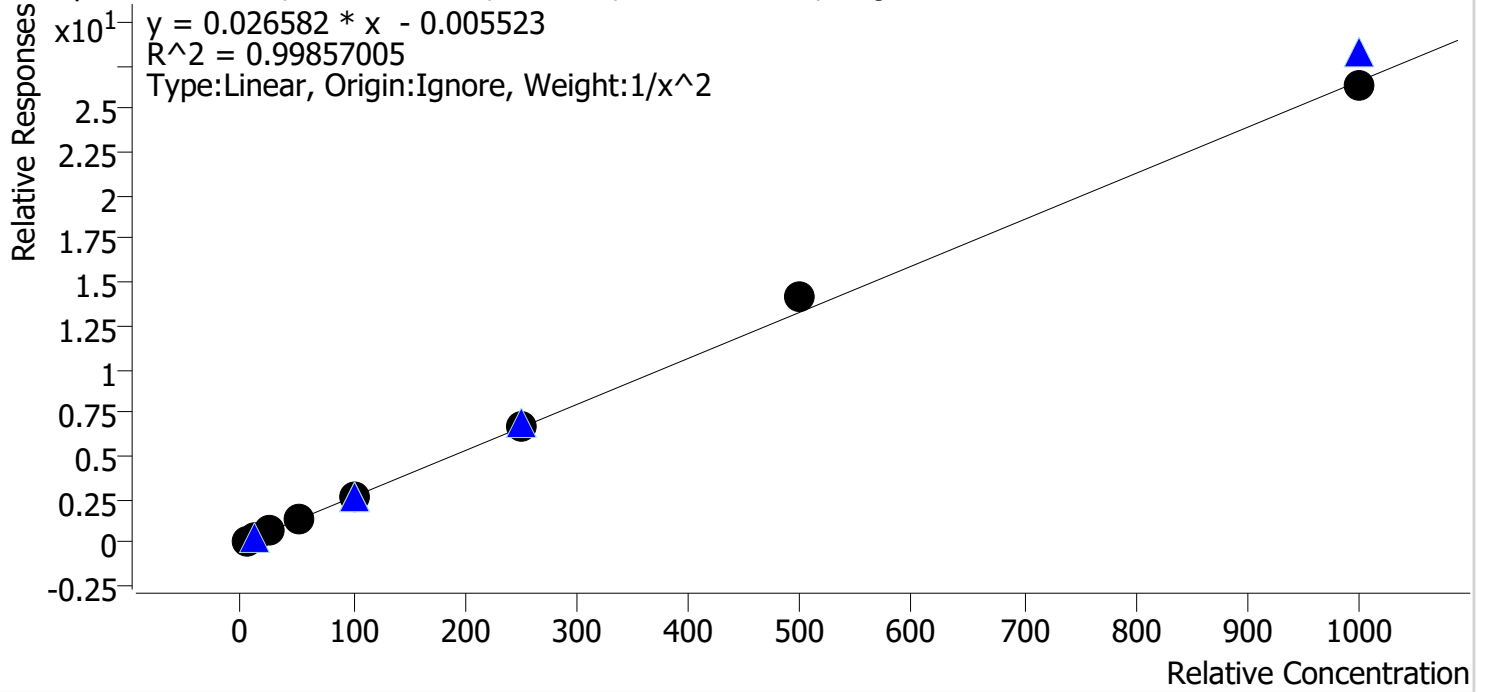
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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

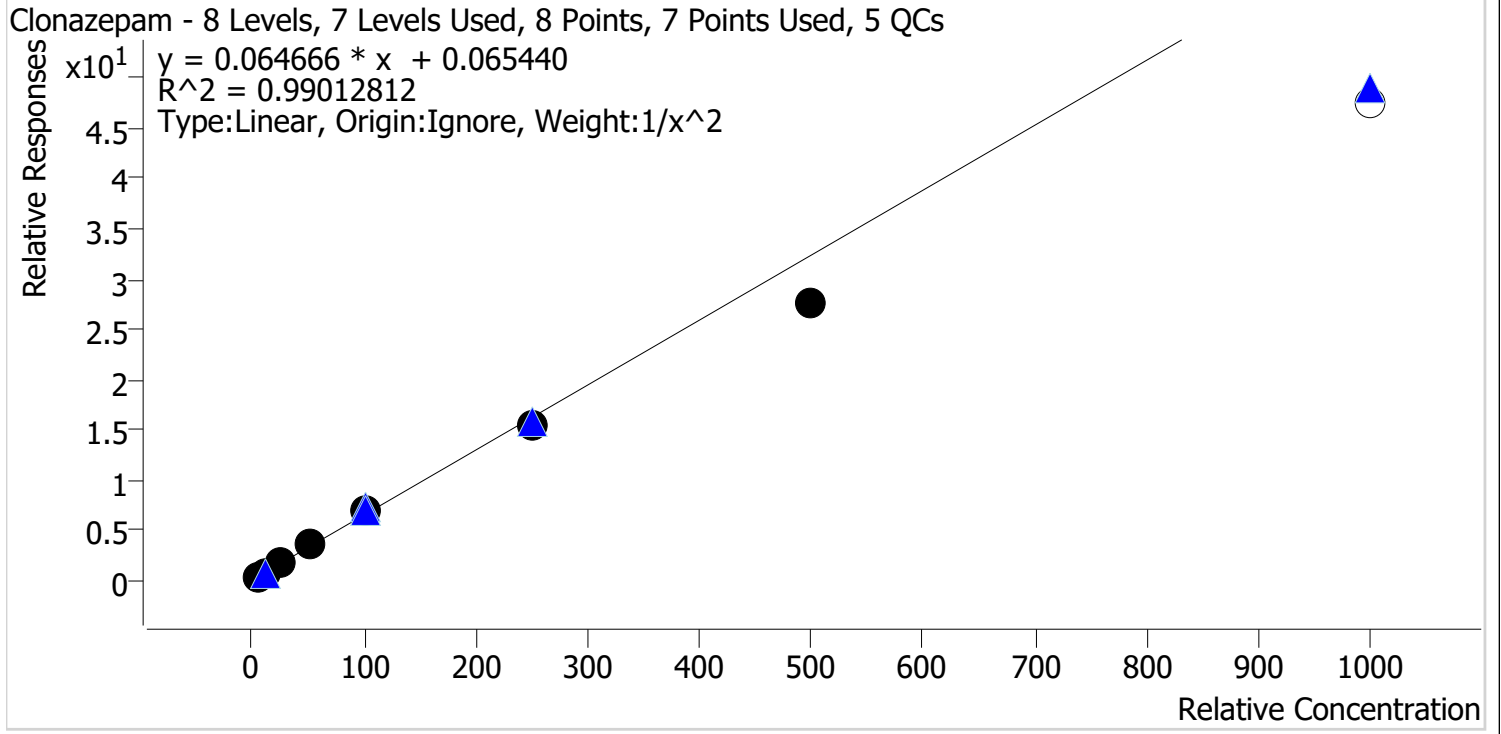


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	532.0	106.4
p1 Cal 8-1000ng	8	✓	1000.0	987.3	98.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



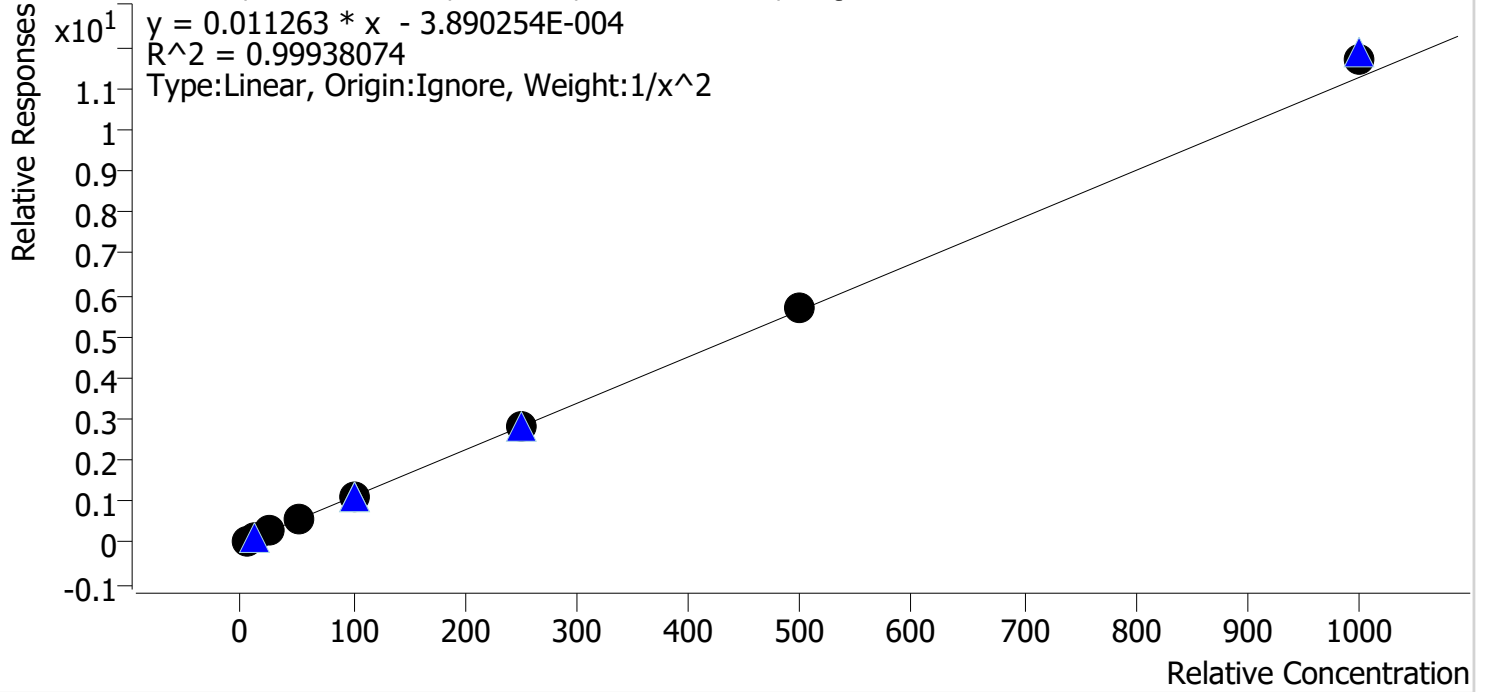
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	236.1	94.4
p1 Cal 7-500ng	7	✓	500.0	425.7	85.1
p1 Cal 8-1000ng	8	✗	1000.0	735.2	73.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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



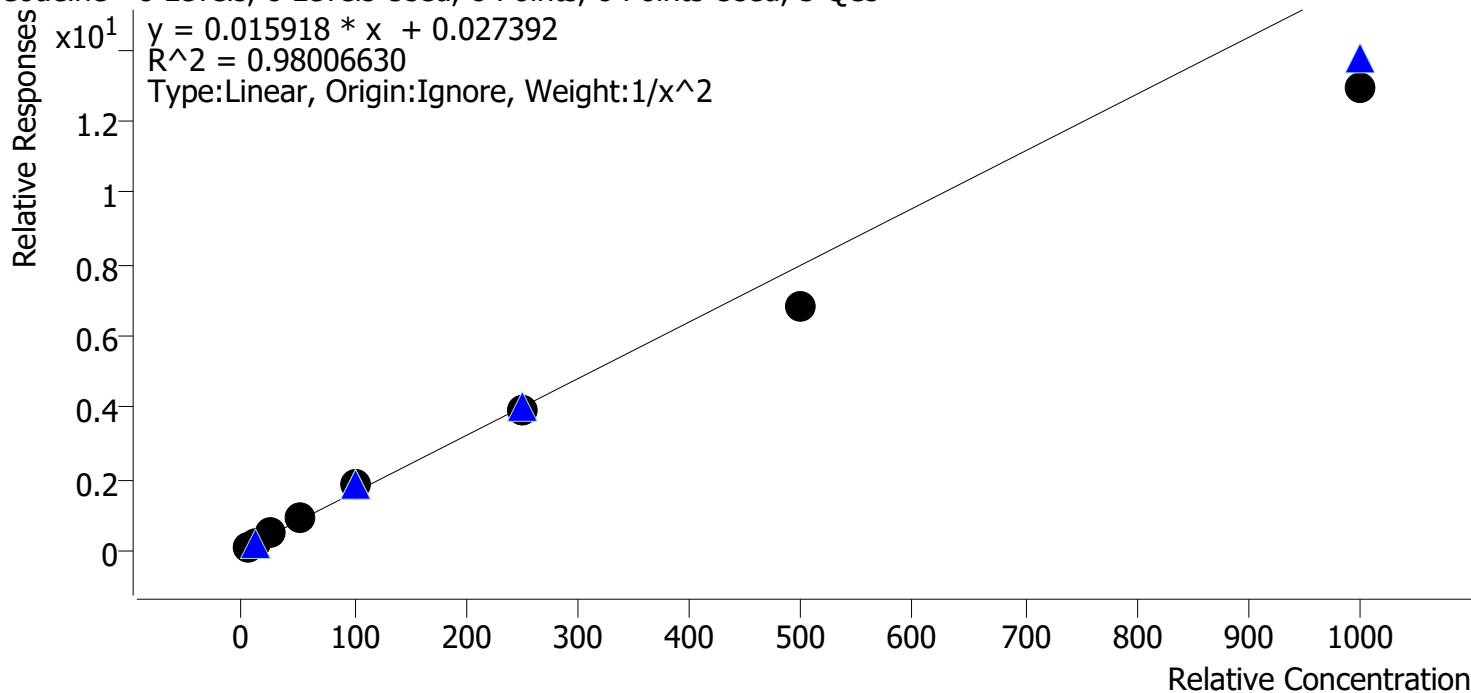
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	503.8	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1041.0	104.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.7	93.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.4
p1 Cal 4-50ng	4	✓	50.0	56.4	112.7
p1 Cal 5-100ng	5	✓	100.0	111.3	111.3
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	428.1	85.6
p1 Cal 8-1000ng	8	✓	1000.0	811.8	81.2

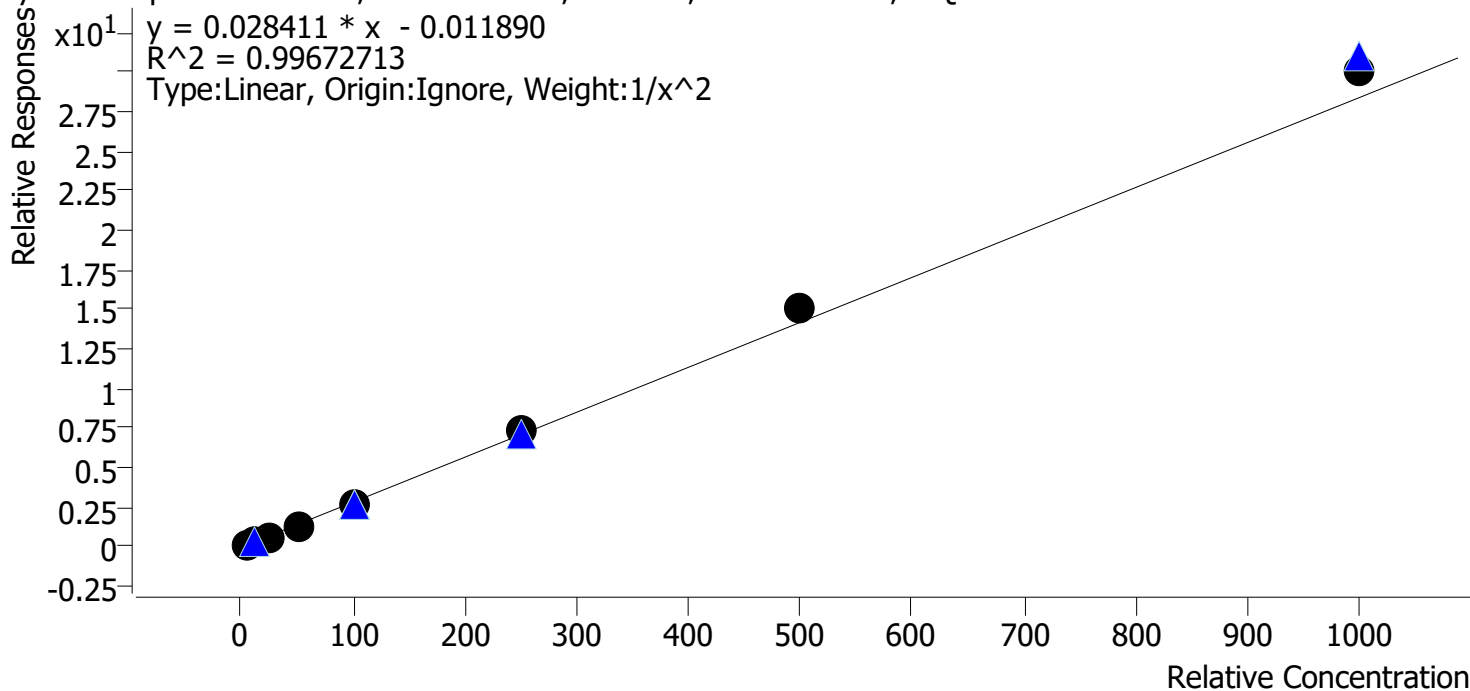
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1058.2	105.8

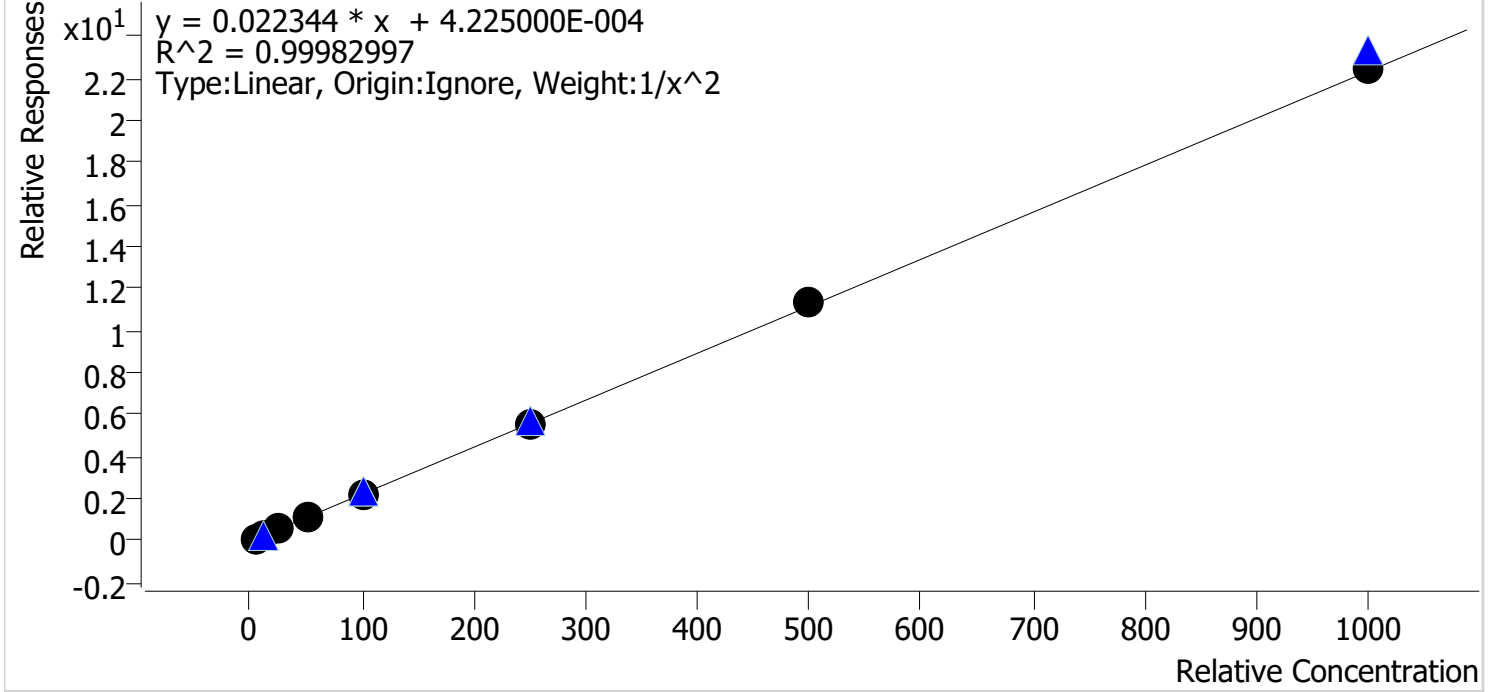
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



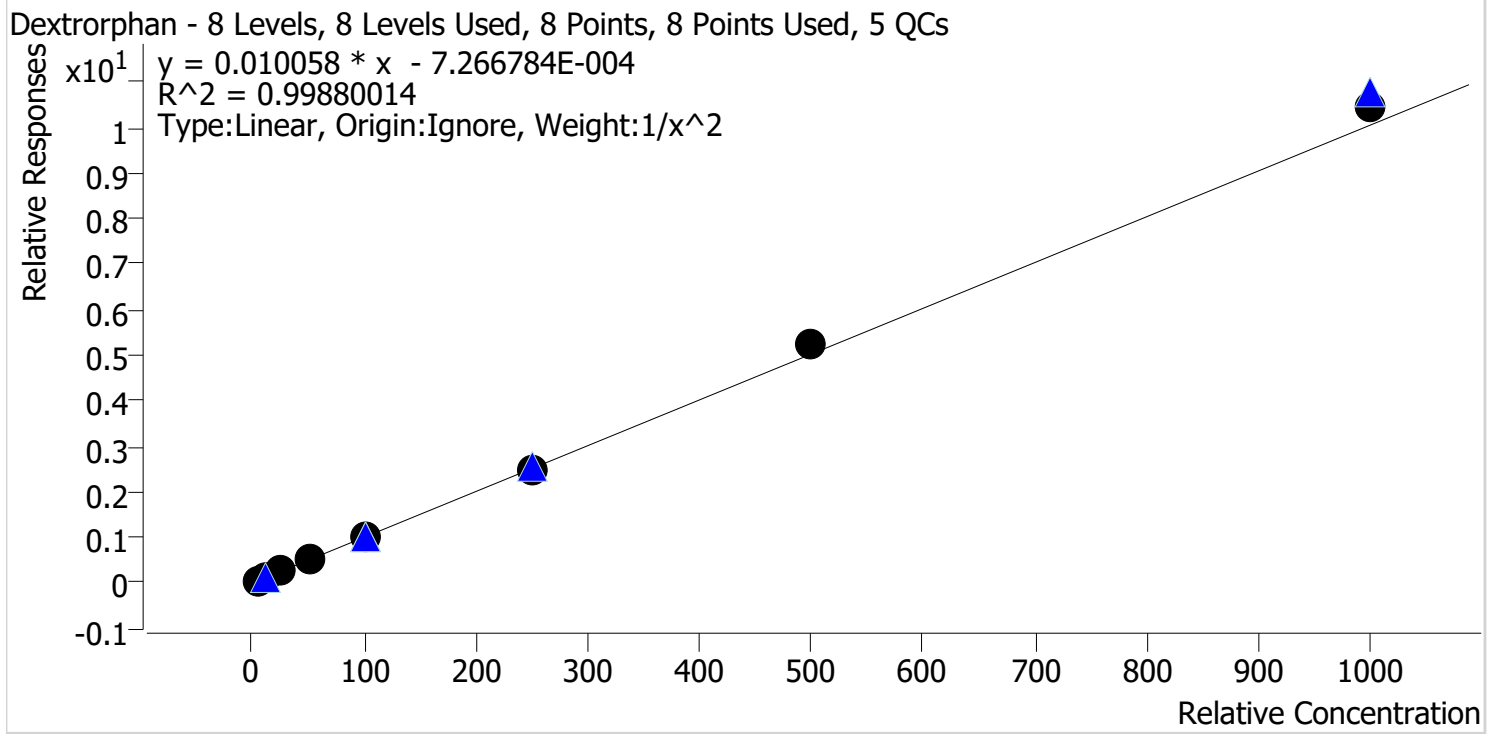
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1007.4	100.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Dextrophan Internal Standard Dextrophan-D3



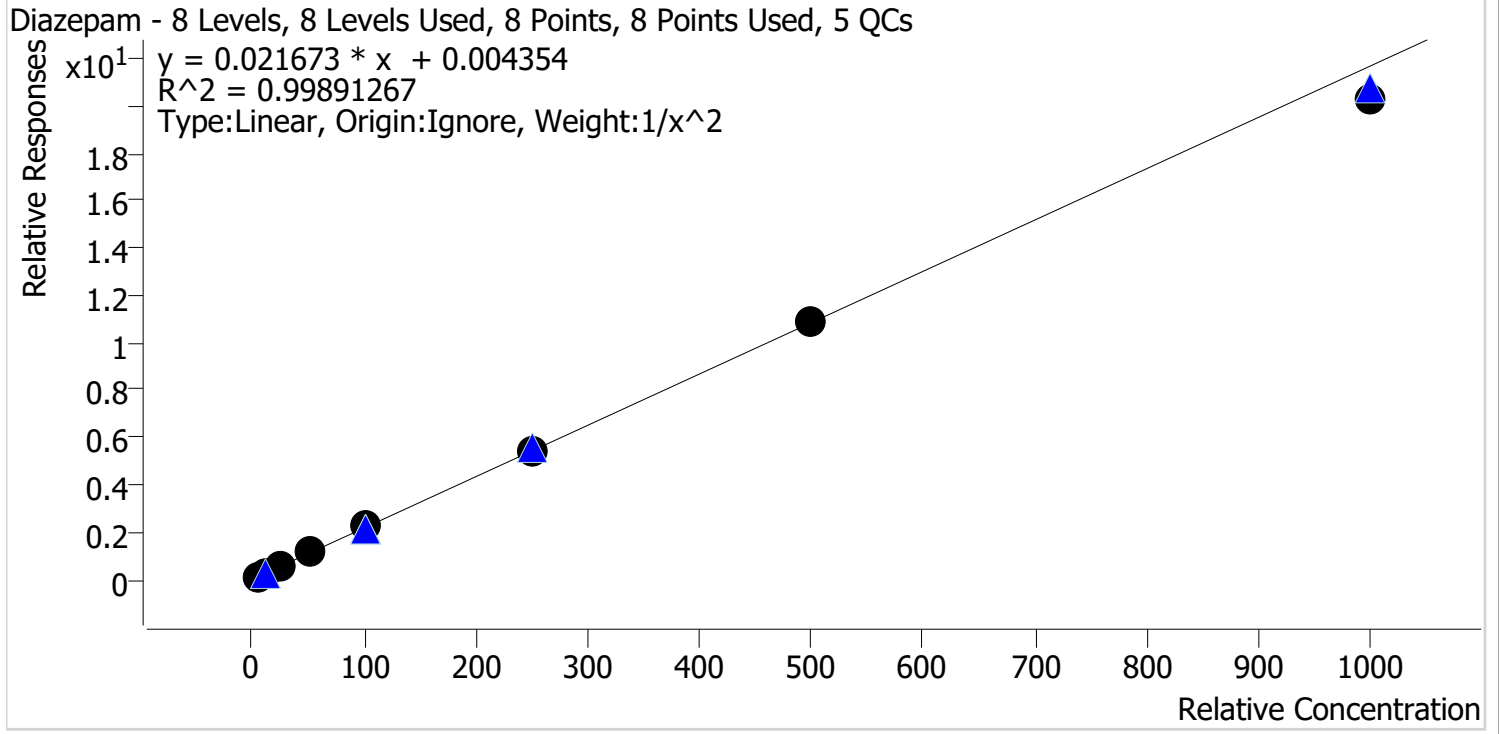
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	519.8	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1040.9	104.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



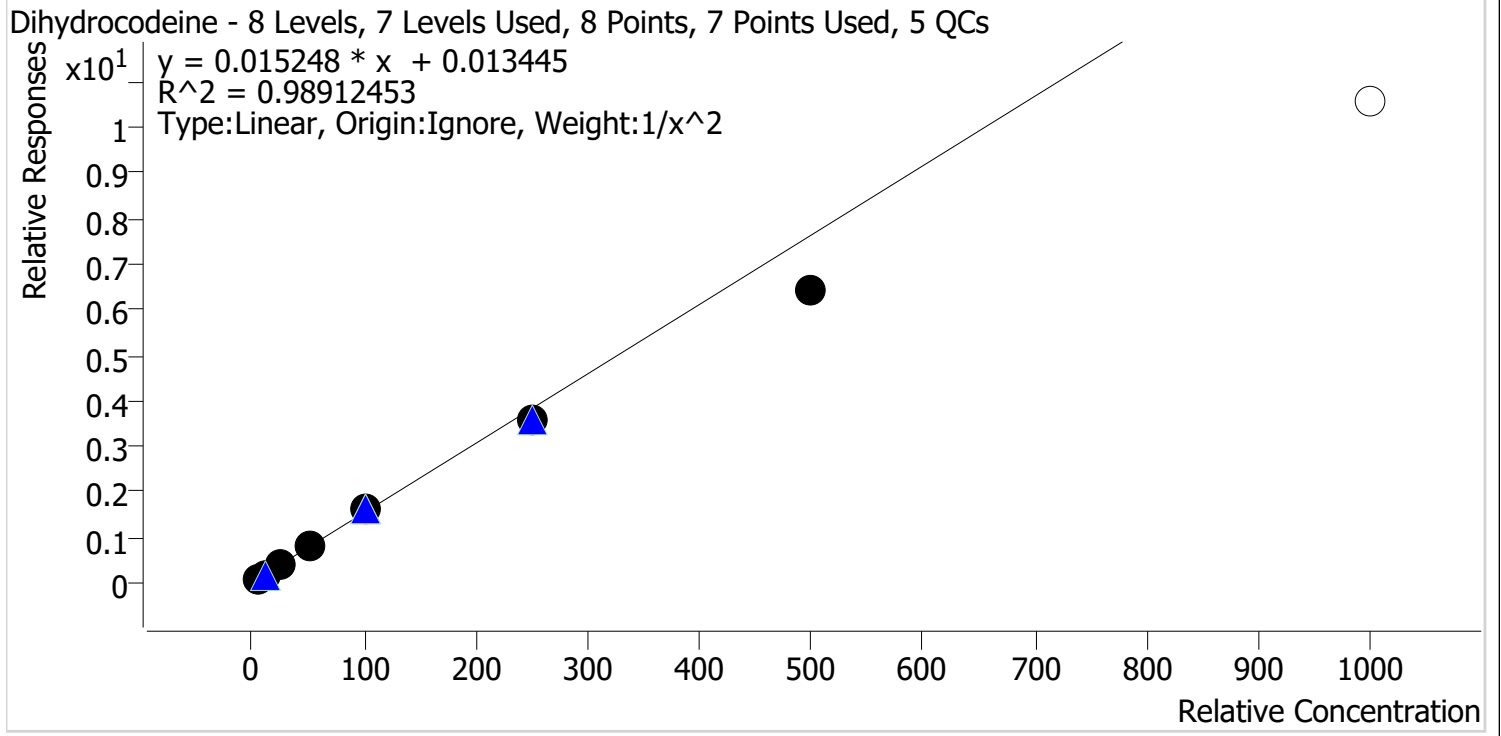
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	935.5	93.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	235.8	94.3
p1 Cal 7-500ng	7	✓	500.0	423.2	84.6
p1 Cal 8-1000ng	8	✗	1000.0	692.8	69.3

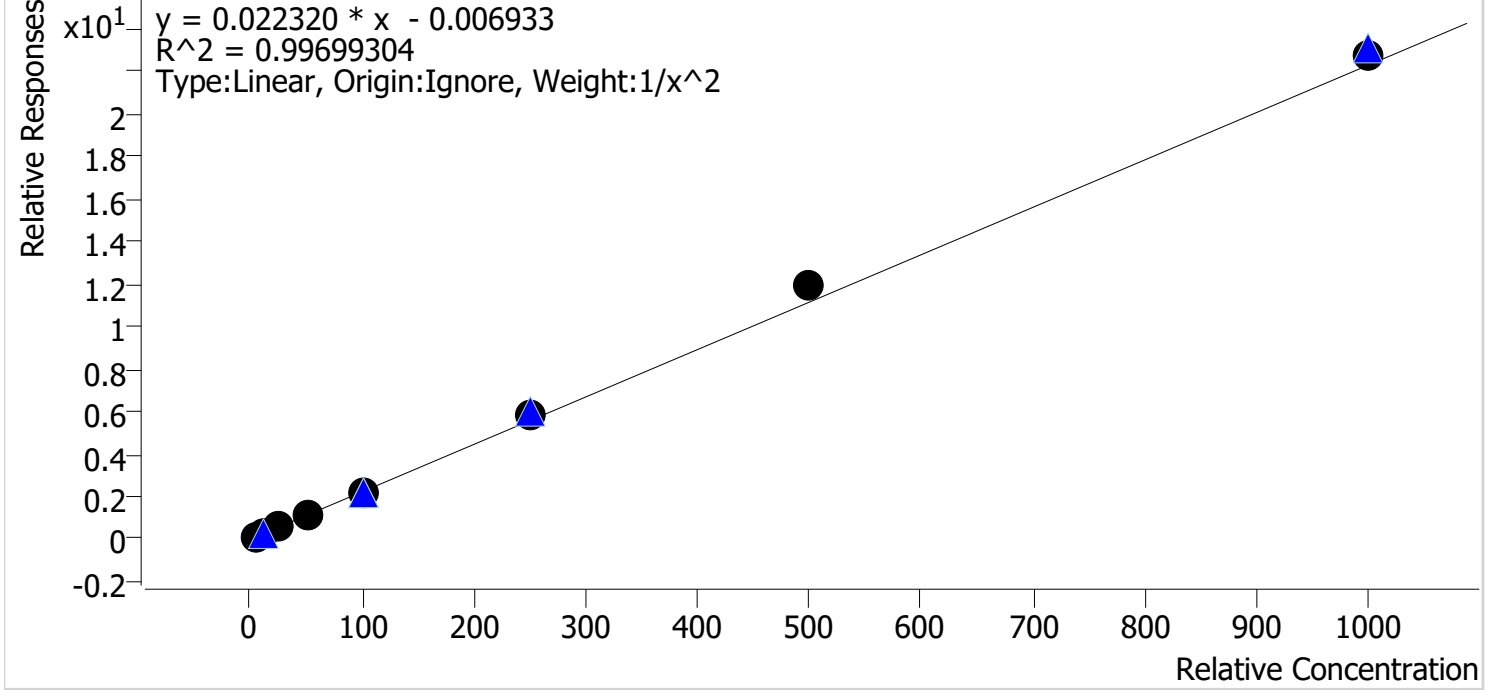
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



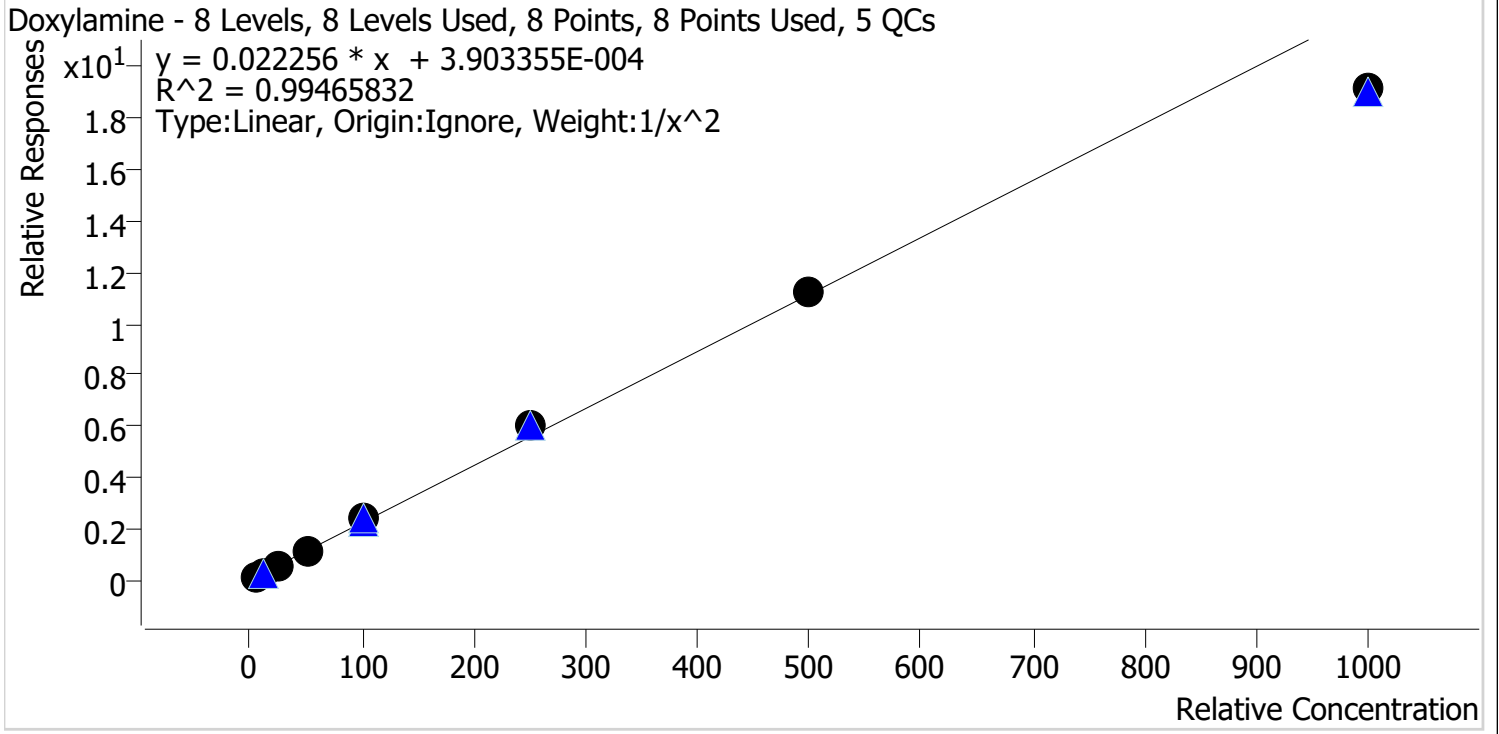
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	259.4	103.8
p1 Cal 7-500ng	7	✓	500.0	536.2	107.2
p1 Cal 8-1000ng	8	✓	1000.0	1018.4	101.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	269.5	107.8
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	861.2	86.1

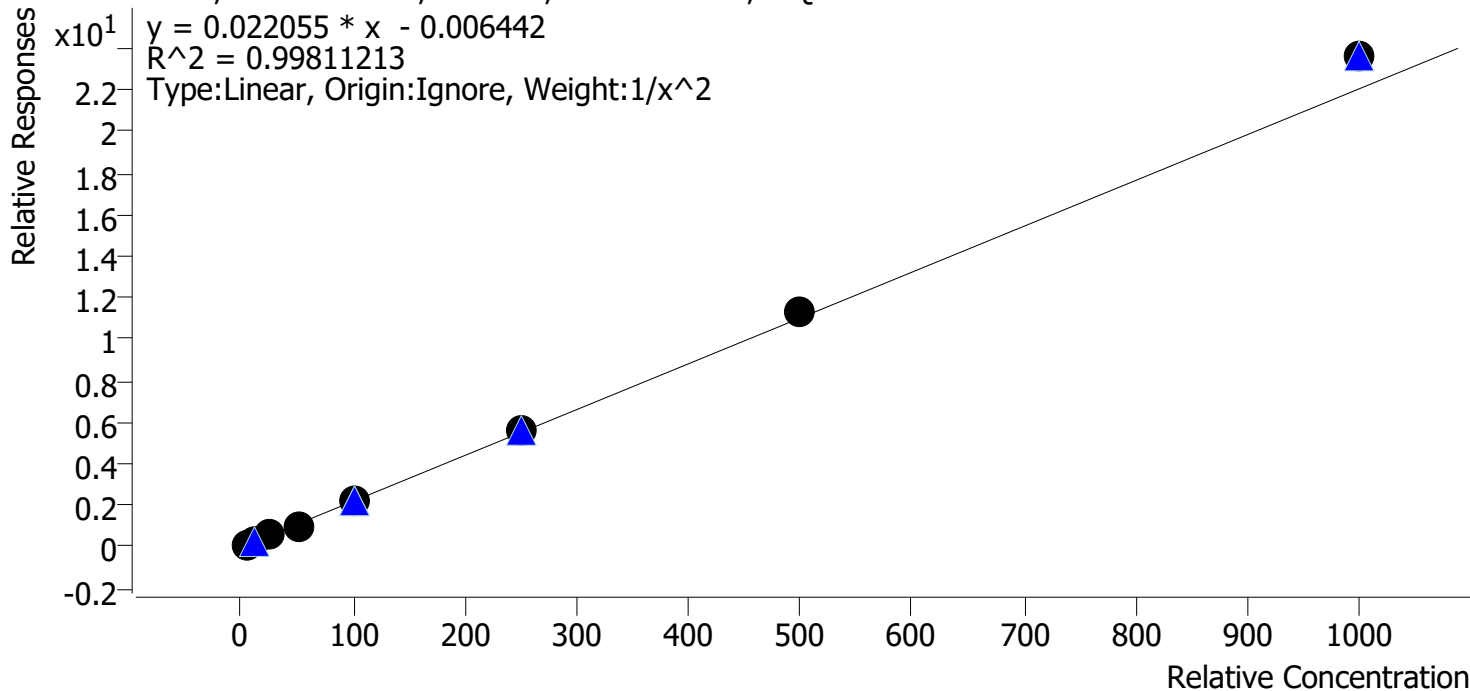
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	511.1	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1068.8	106.9

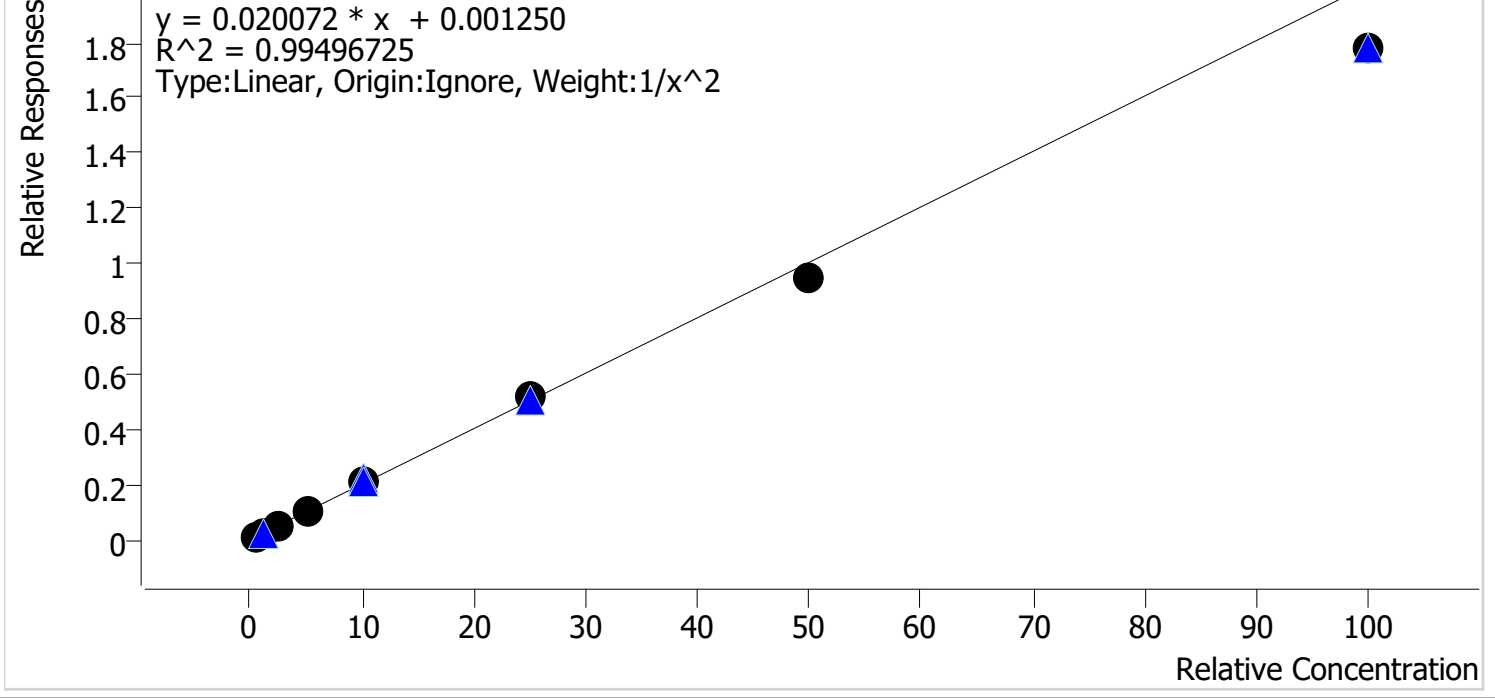
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

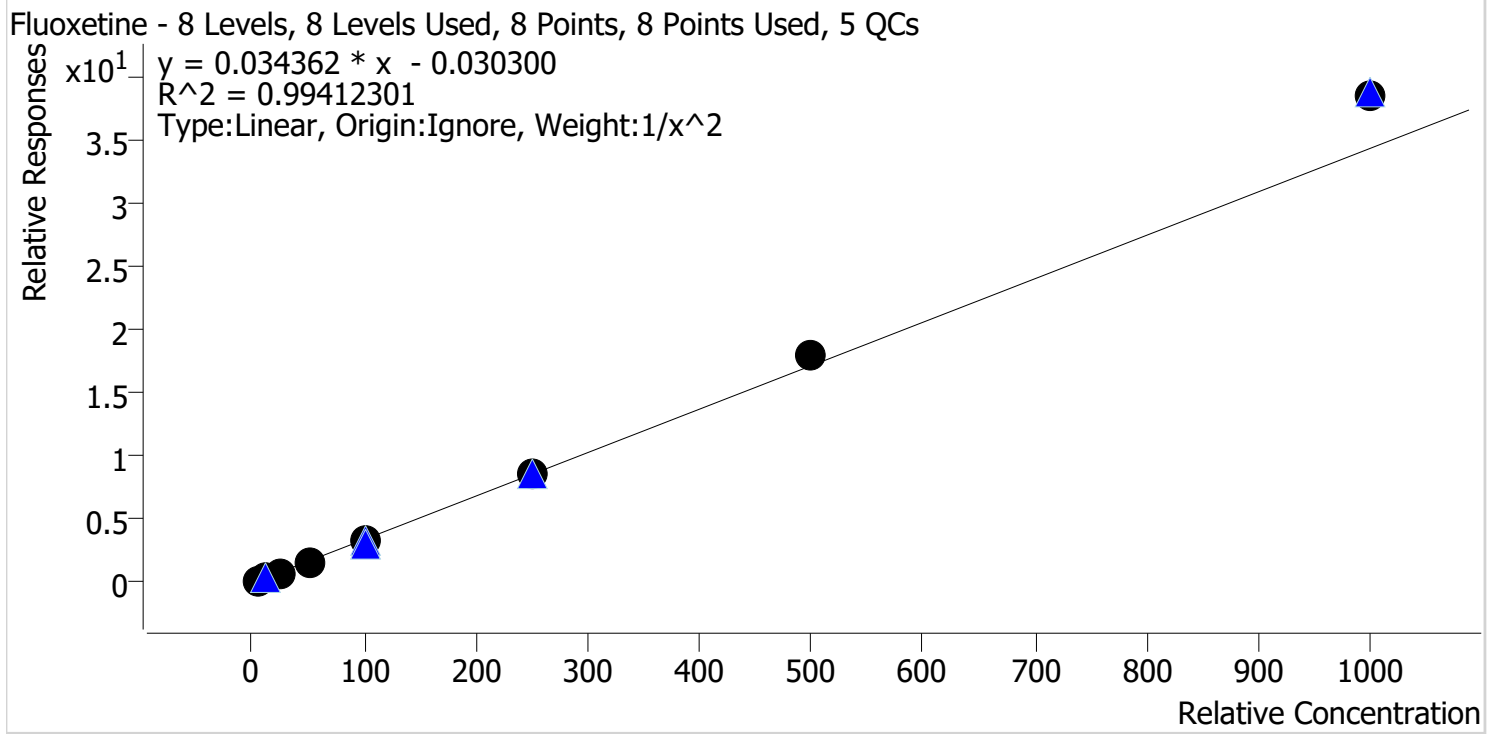


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	0.5	0.5	96.8
p1 Cal 2-10ng	2	✓	1.0	1.0	102.9
p1 Cal 3 -25ng	3	✓	2.5	2.6	105.8
p1 Cal 4-50ng	4	✓	5.0	5.2	104.9
p1 Cal 5-100ng	5	✓	10.0	10.4	103.9
p1 Cal 6-250ng	6	✓	25.0	25.7	103.0
p1 Cal 7-500ng	7	✓	50.0	47.1	94.1
p1 Cal 8-1000ng	8	✓	100.0	88.6	88.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



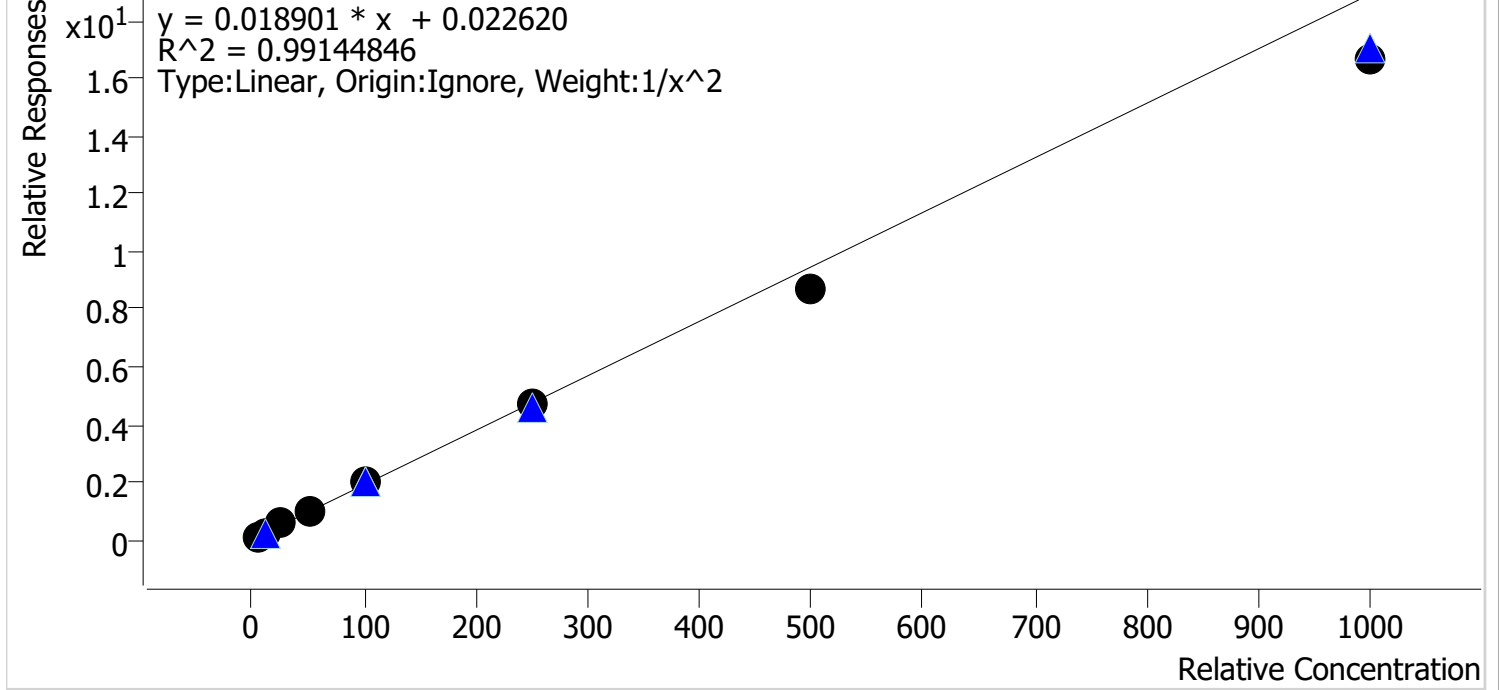
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.8
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1123.0	112.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	459.4	91.9
p1 Cal 8-1000ng	8	✓	1000.0	882.0	88.2

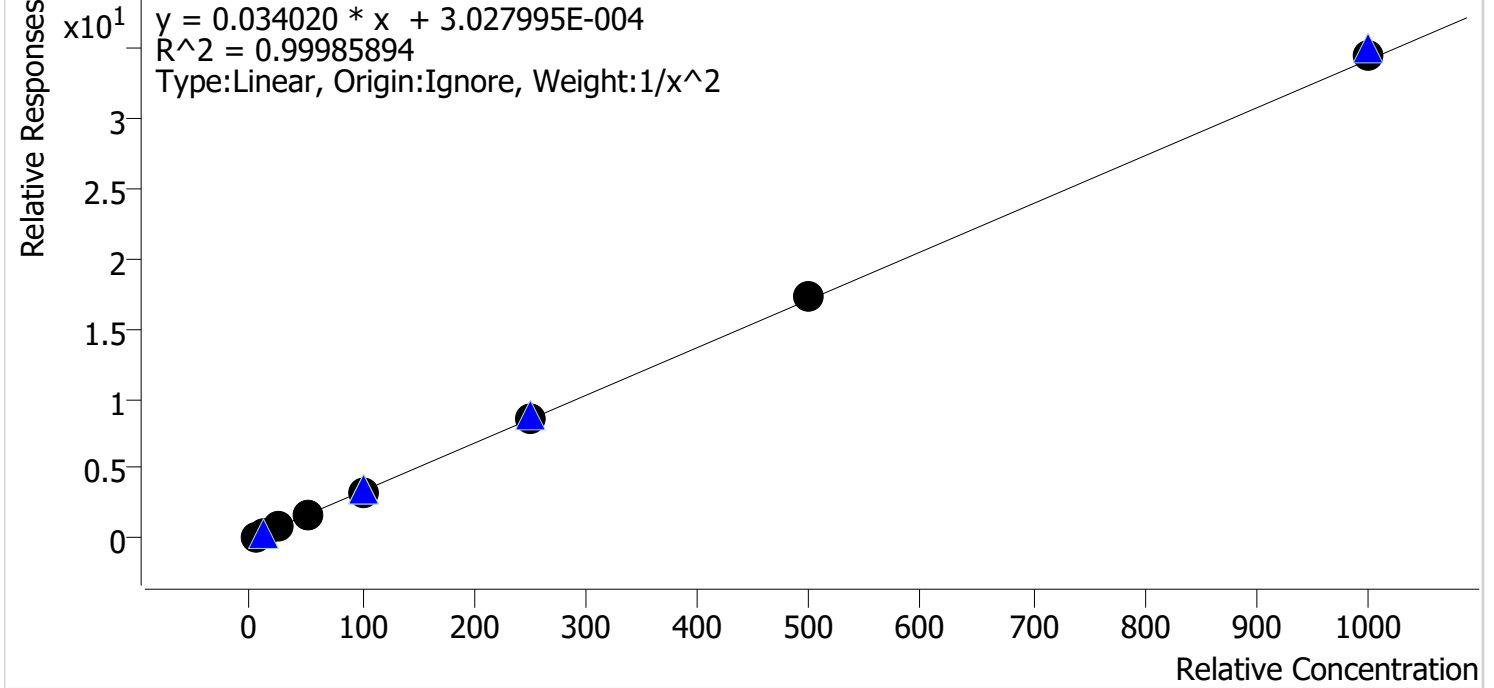
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



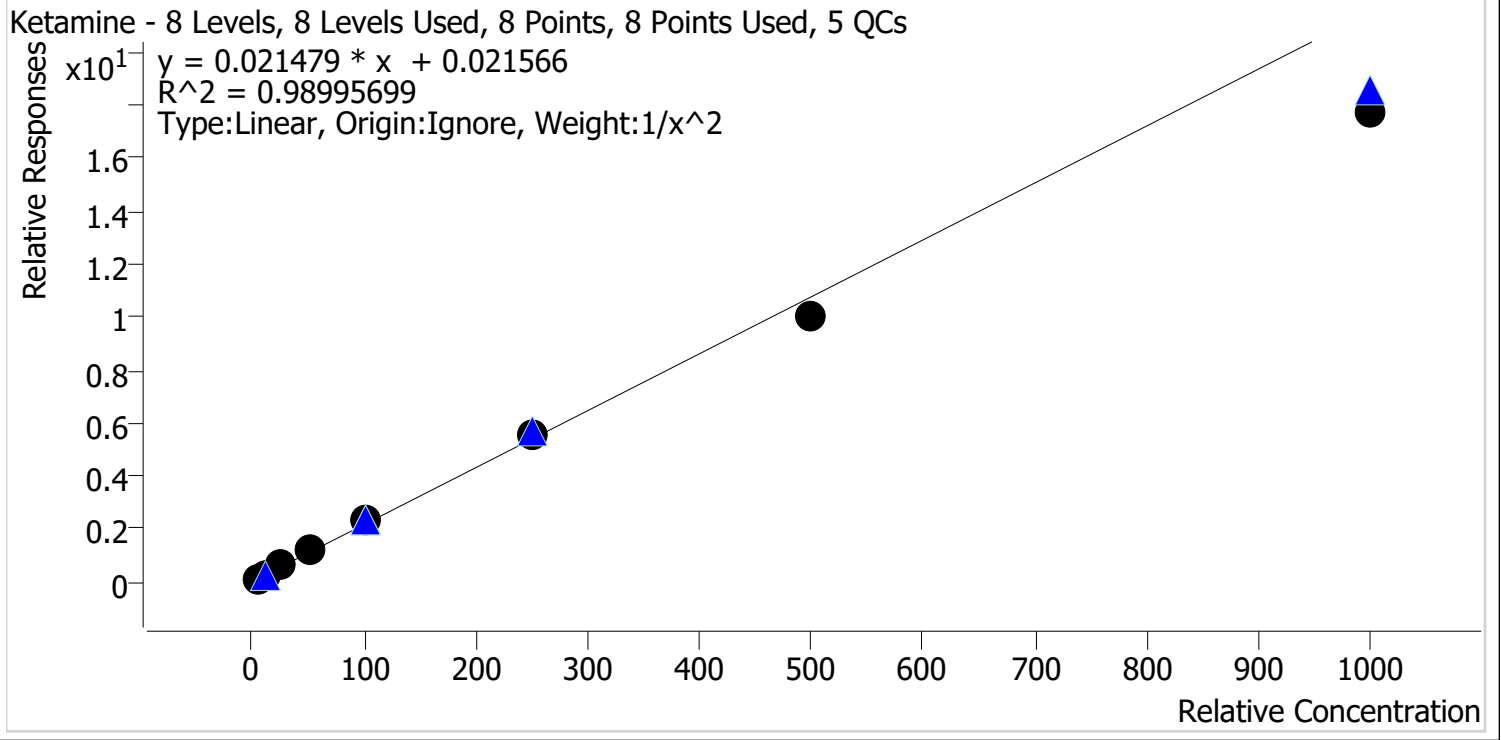
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	508.7	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1006.4	100.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



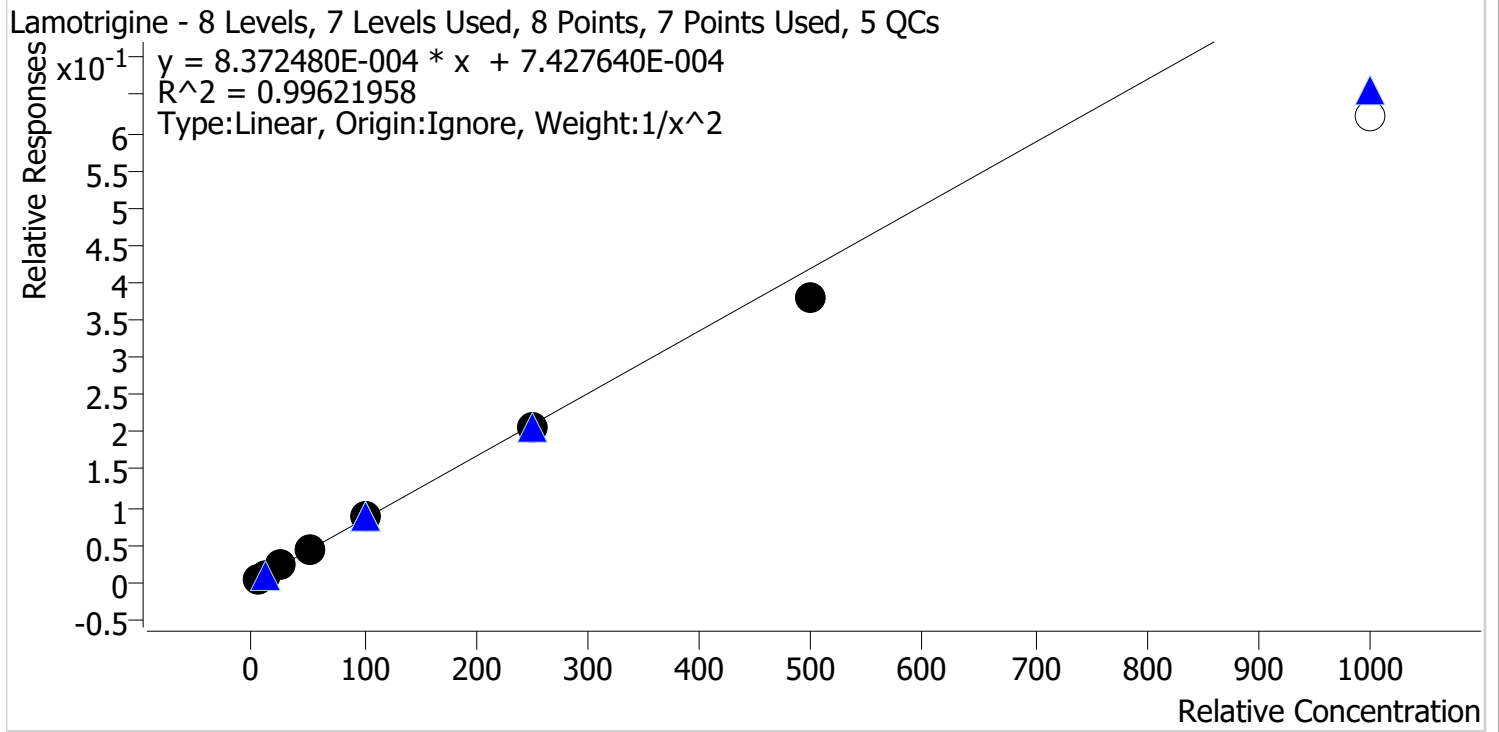
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	469.1	93.8
p1 Cal 8-1000ng	8	✓	1000.0	827.4	82.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	452.2	90.4
p1 Cal 8-1000ng	8	✗	1000.0	741.8	74.2

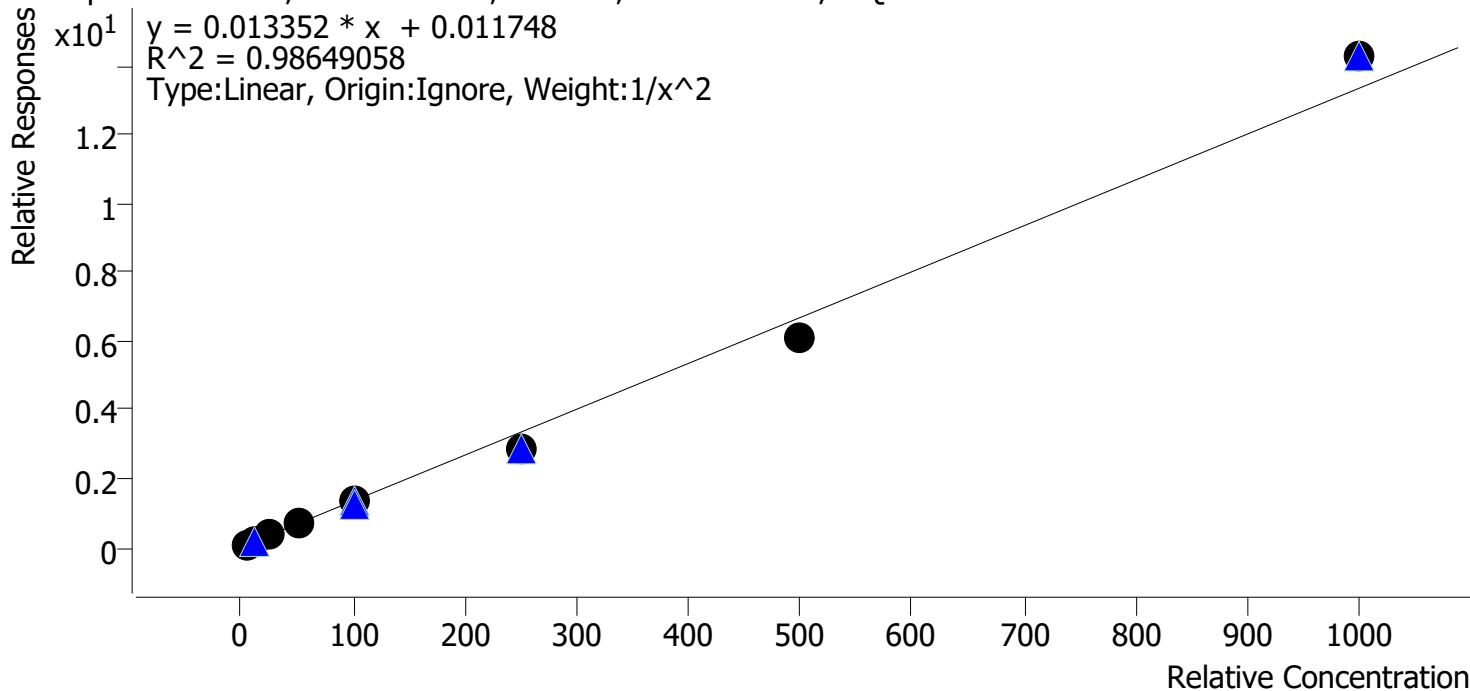
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.6	91.4
p1 Cal 2-10ng	2	✓	10.0	11.3	113.5
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	212.4	84.9
p1 Cal 7-500ng	7	✓	500.0	454.3	90.9
p1 Cal 8-1000ng	8	✓	1000.0	1068.9	106.9

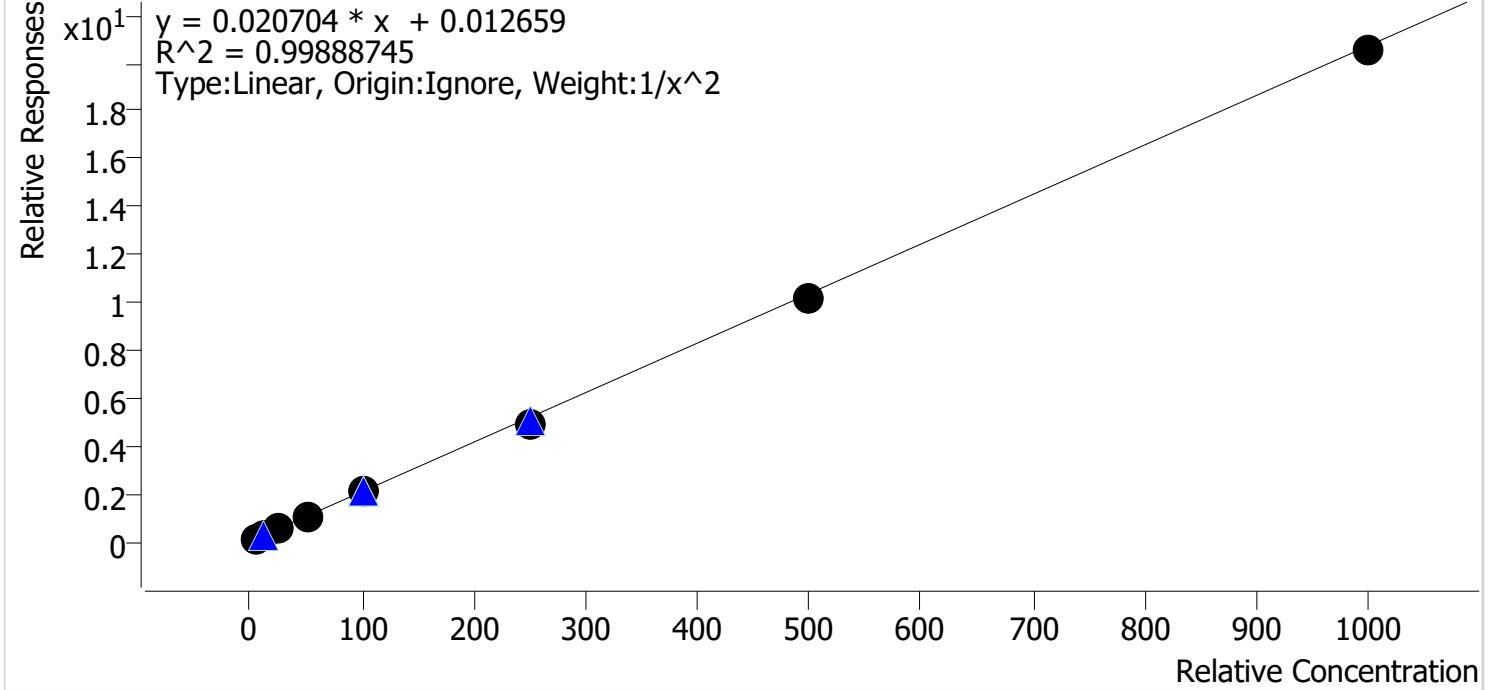
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	238.4	95.3
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	990.0	99.0

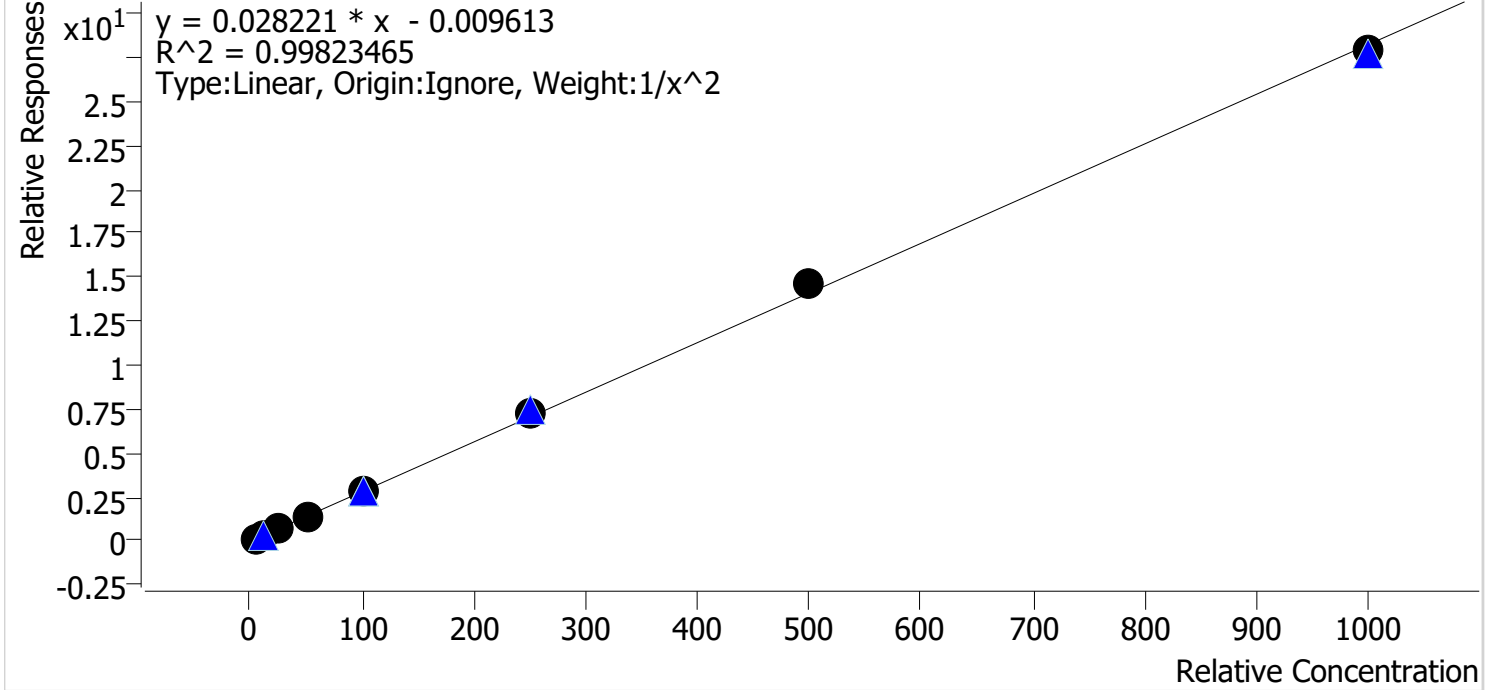
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



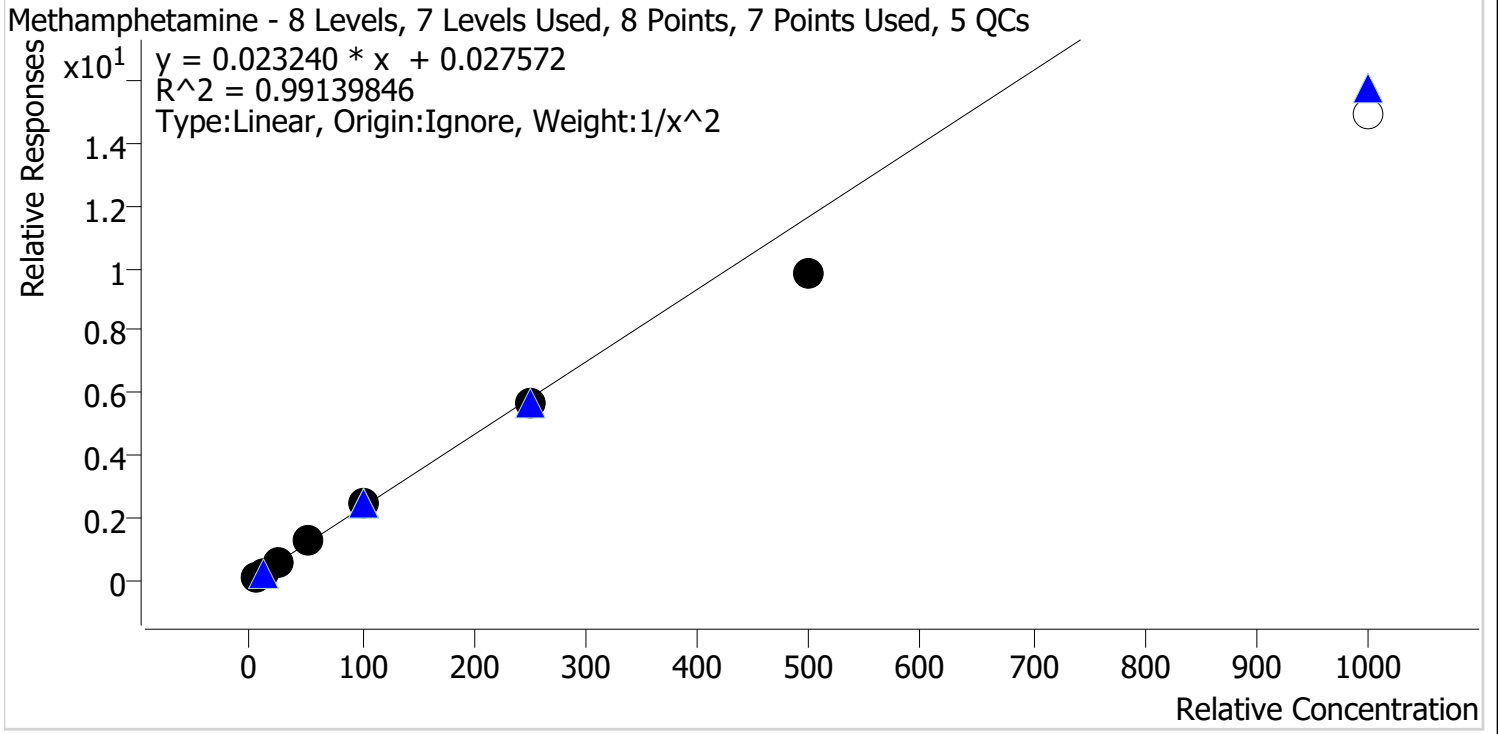
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	47.9	95.7
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	521.6	104.3
p1 Cal 8-1000ng	8	✓	1000.0	988.0	98.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	244.5	97.8
p1 Cal 7-500ng	7	✓	500.0	423.2	84.6
p1 Cal 8-1000ng	8	✗	1000.0	643.1	64.3

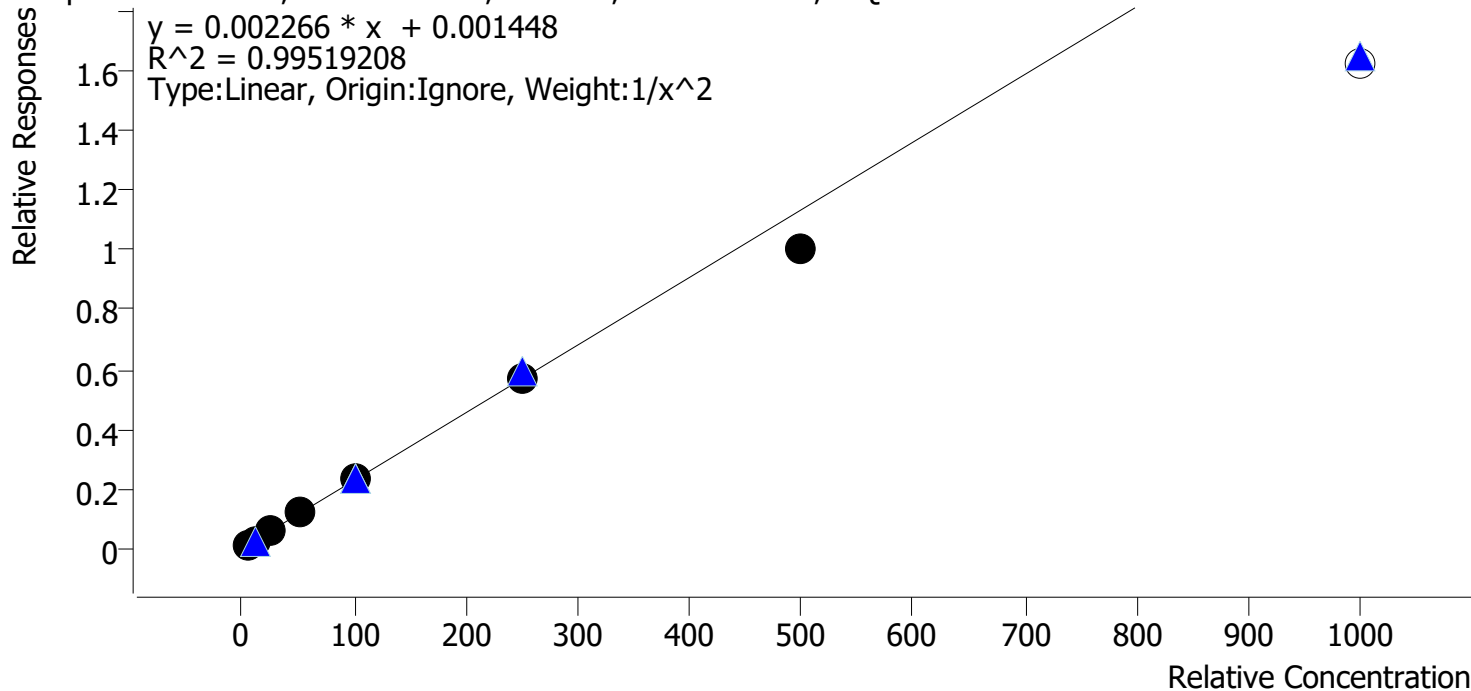
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



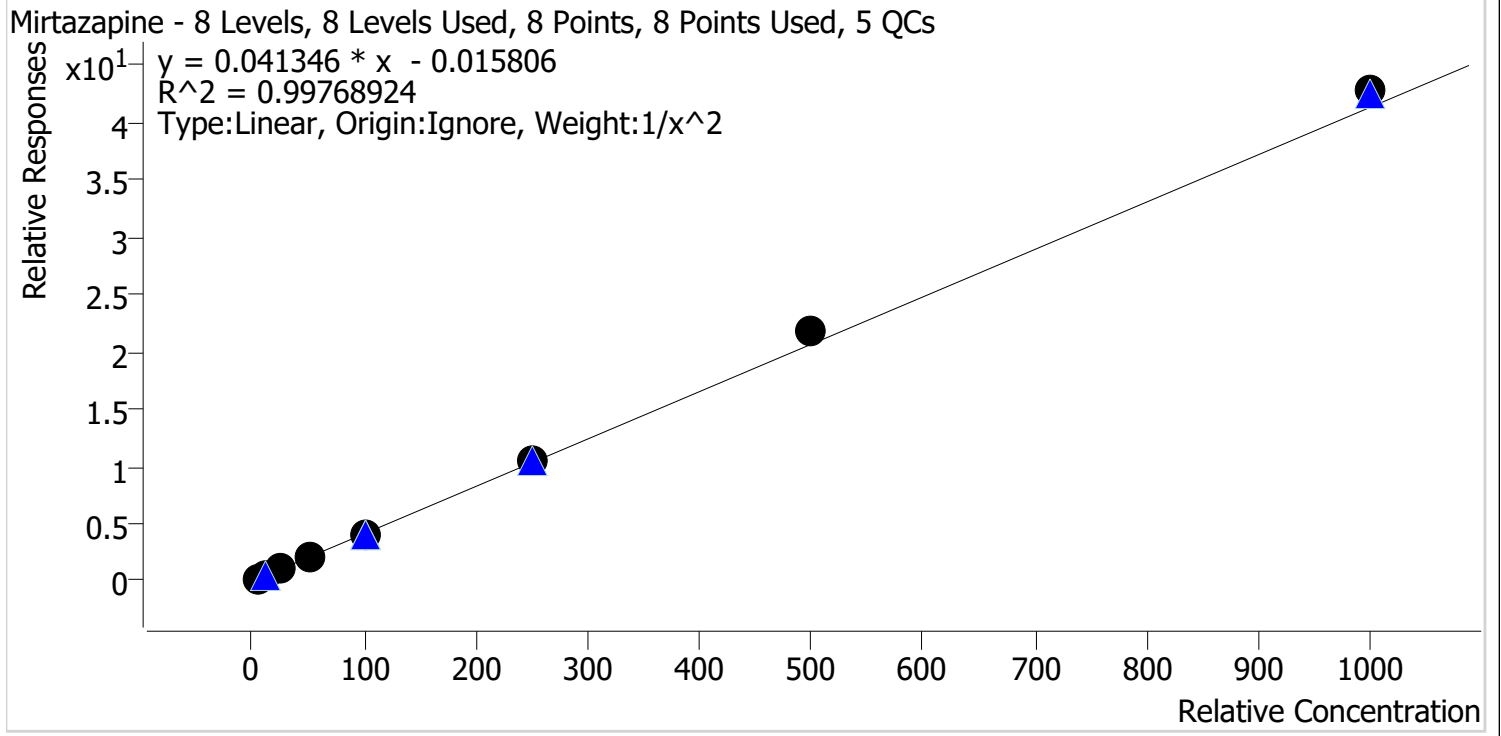
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.6
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	442.0	88.4
p1 Cal 8-1000ng	8	✗	1000.0	715.9	71.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



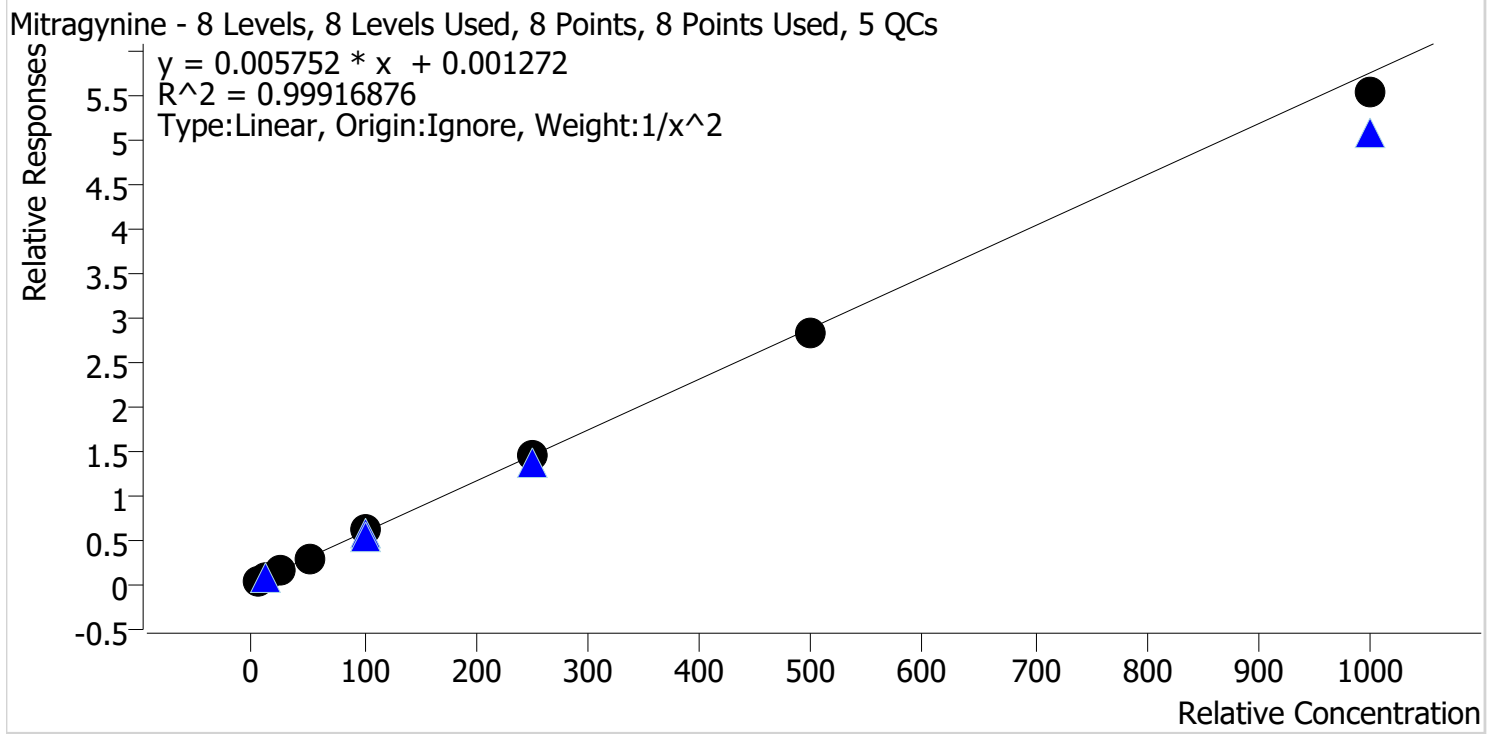
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	530.7	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1035.3	103.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



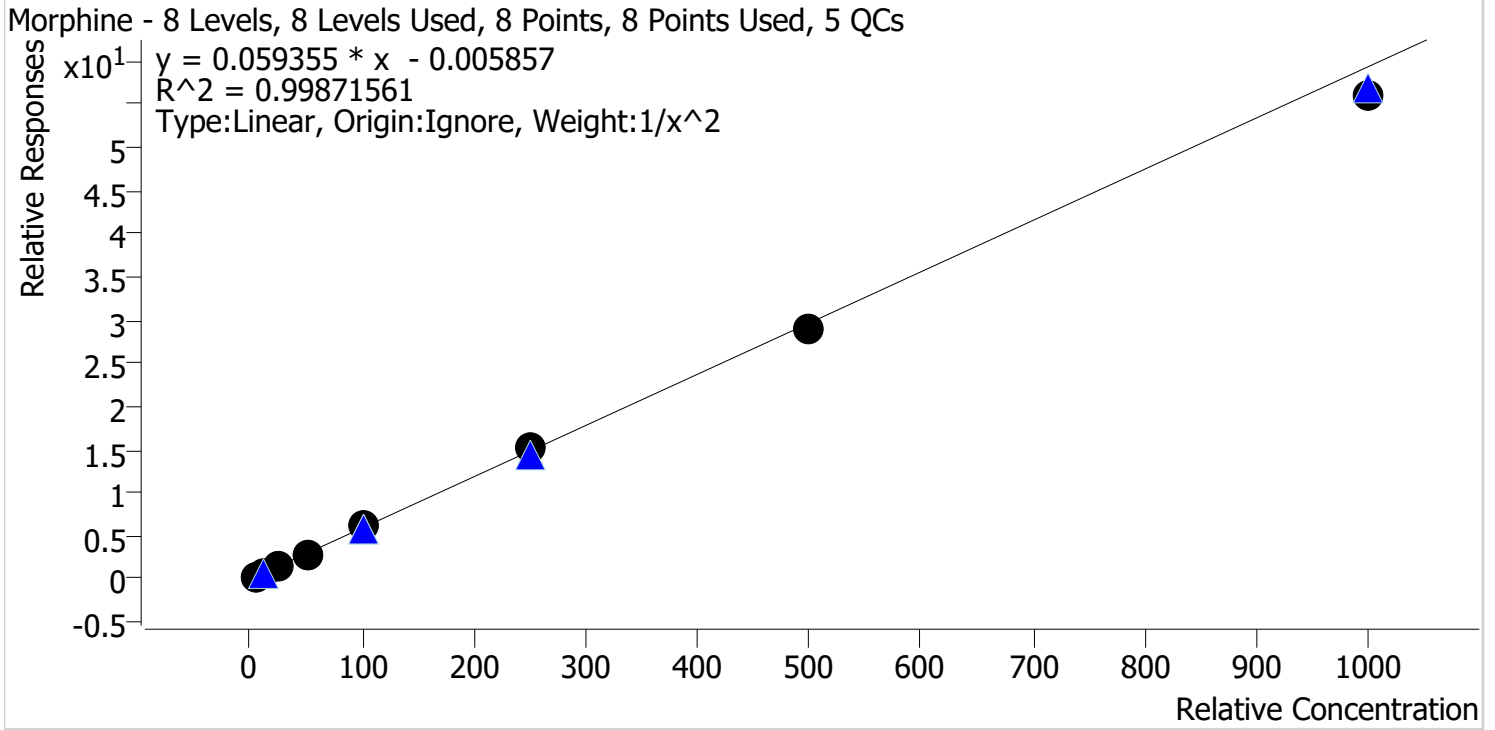
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	961.2	96.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	941.2	94.1

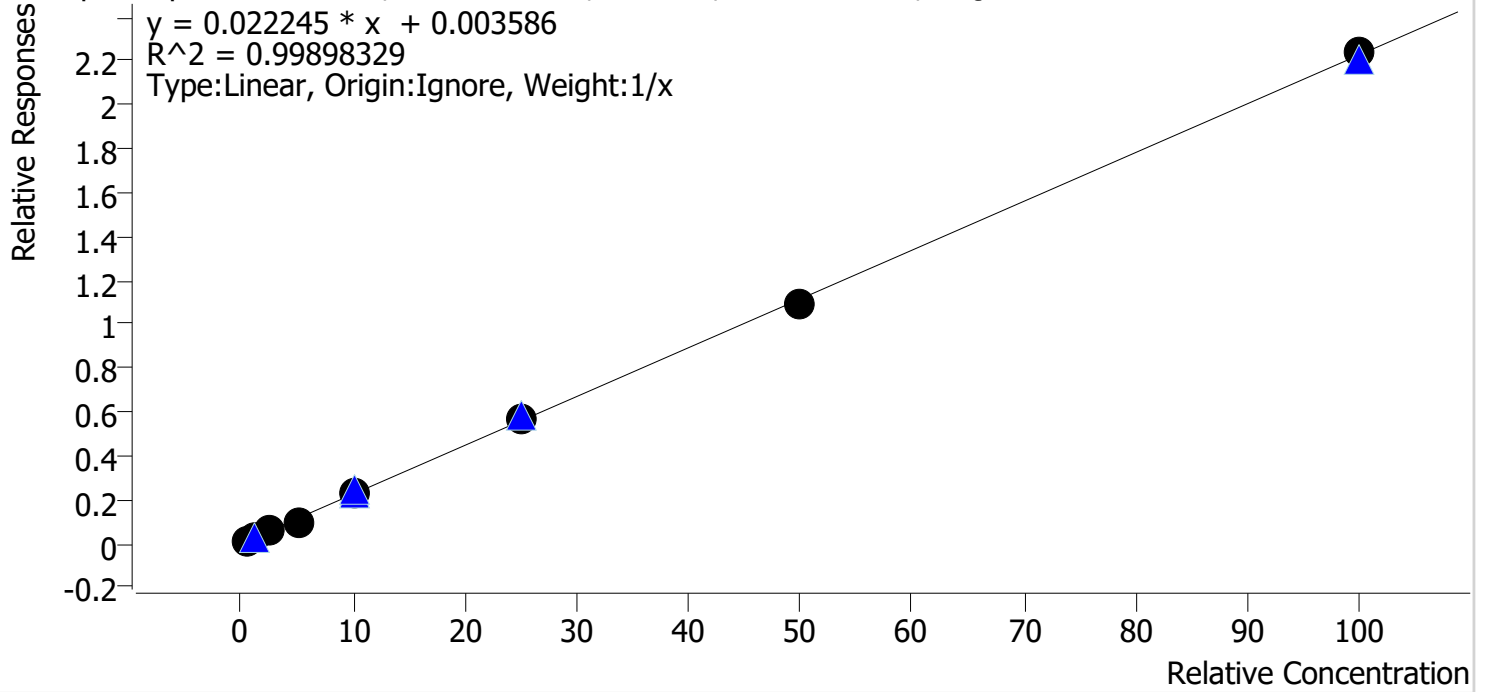
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



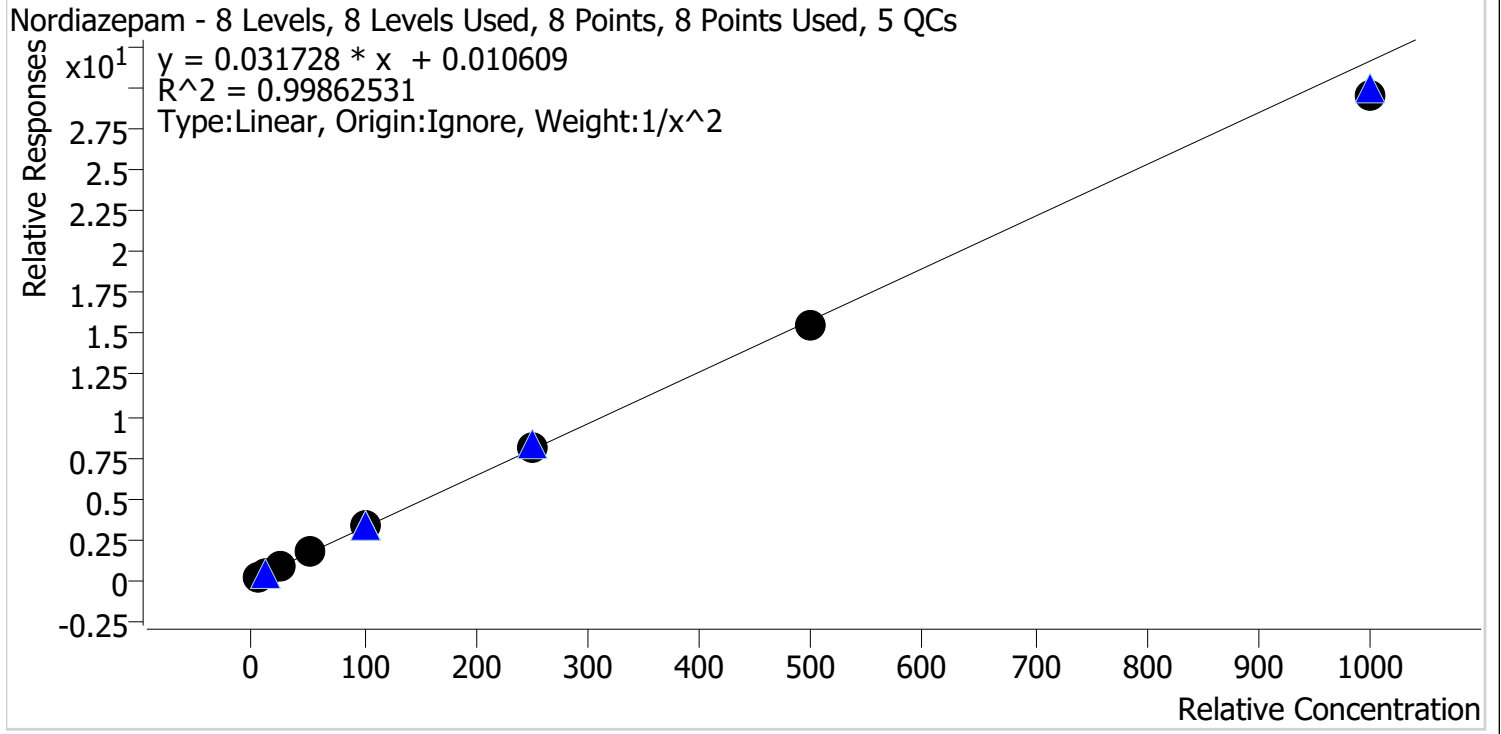
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	0.5	0.4	89.5
p1 Cal 2-10ng	2	✓	1.0	1.2	120.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng	4	✓	5.0	4.4	88.8
p1 Cal 5-100ng	5	✓	10.0	10.5	104.7
p1 Cal 6-250ng	6	✓	25.0	25.7	102.6
p1 Cal 7-500ng	7	✓	50.0	48.9	97.8
p1 Cal 8-1000ng	8	✓	100.0	100.5	100.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



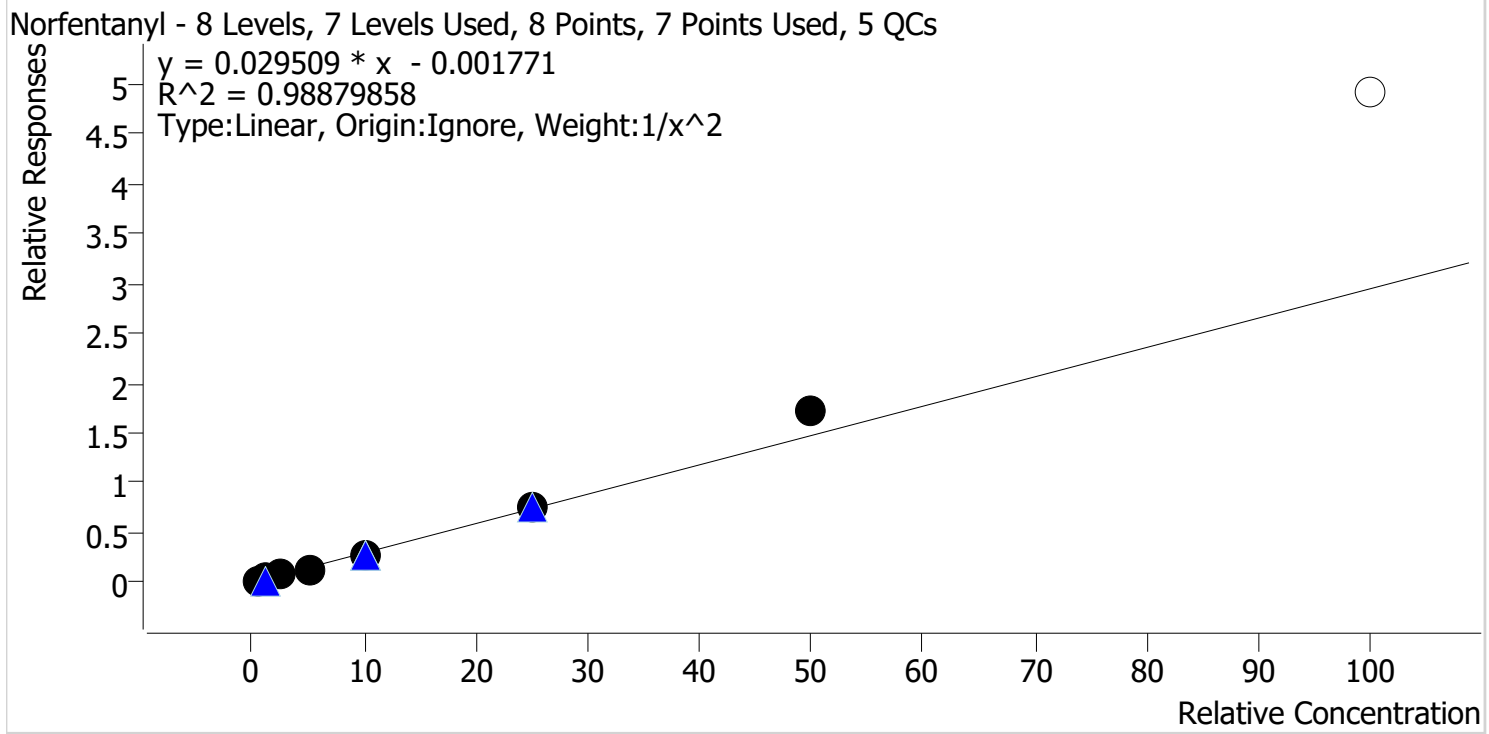
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	935.5	93.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



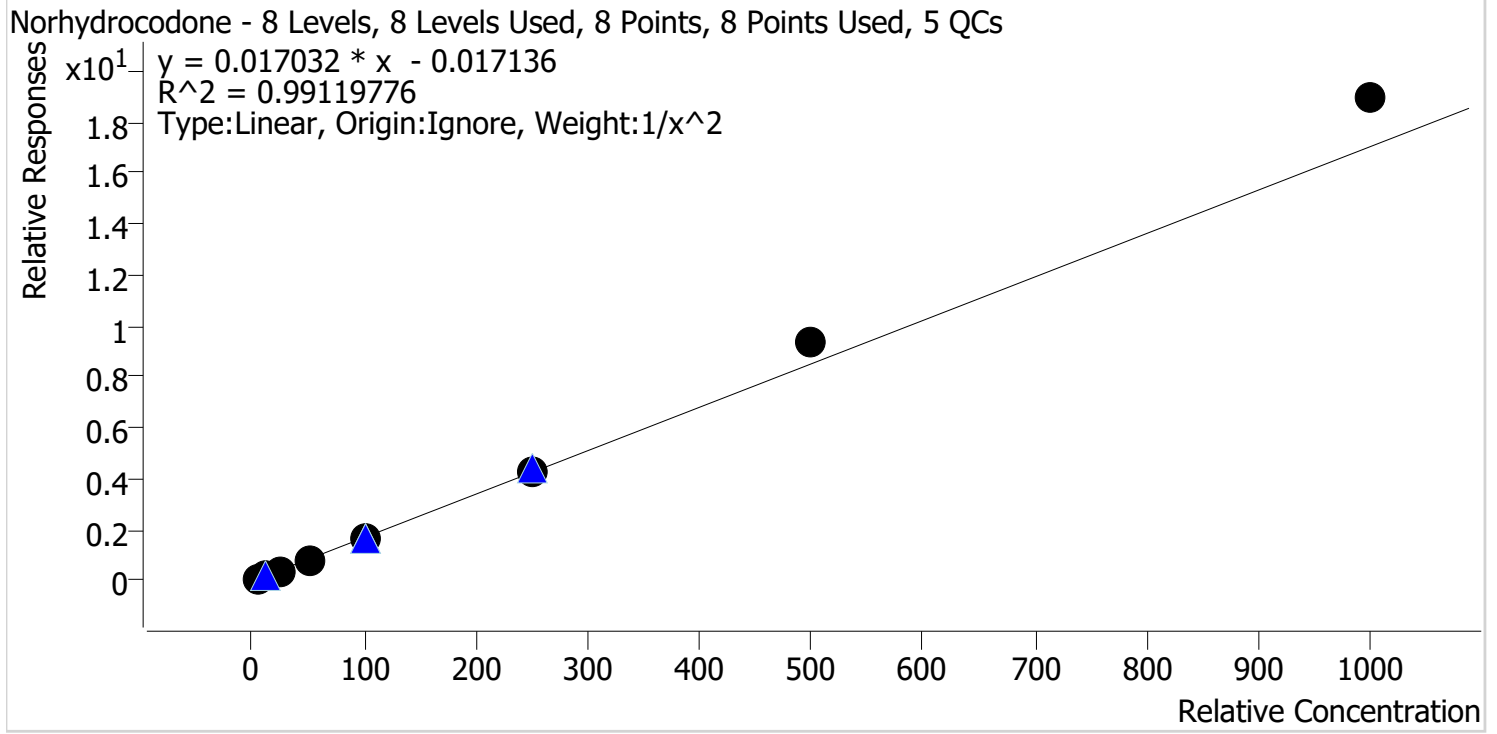
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	0.5	0.5	104.3
p1 Cal 2-10ng	2	✓	1.0	1.0	96.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.3
p1 Cal 4-50ng	4	✓	5.0	4.6	91.7
p1 Cal 5-100ng	5	✓	10.0	9.6	96.1
p1 Cal 6-250ng	6	✓	25.0	25.8	103.3
p1 Cal 7-500ng	7	✓	50.0	58.4	116.8
p1 Cal 8-1000ng	8	✗	100.0	166.9	166.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



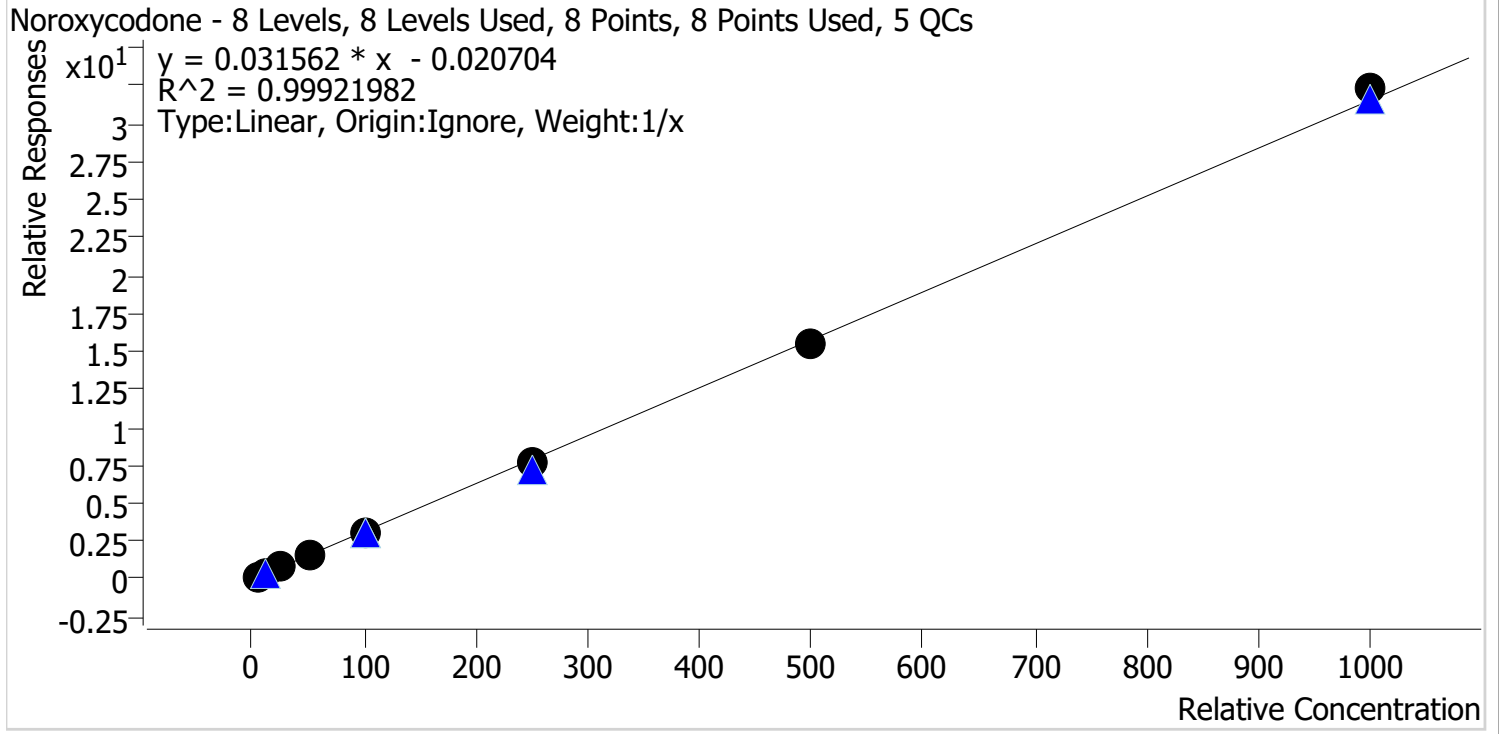
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.5	94.9
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	45.6	91.2
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	552.9	110.6
p1 Cal 8-1000ng	8	✓	1000.0	1113.9	111.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.6	111.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	488.9	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1024.4	102.4

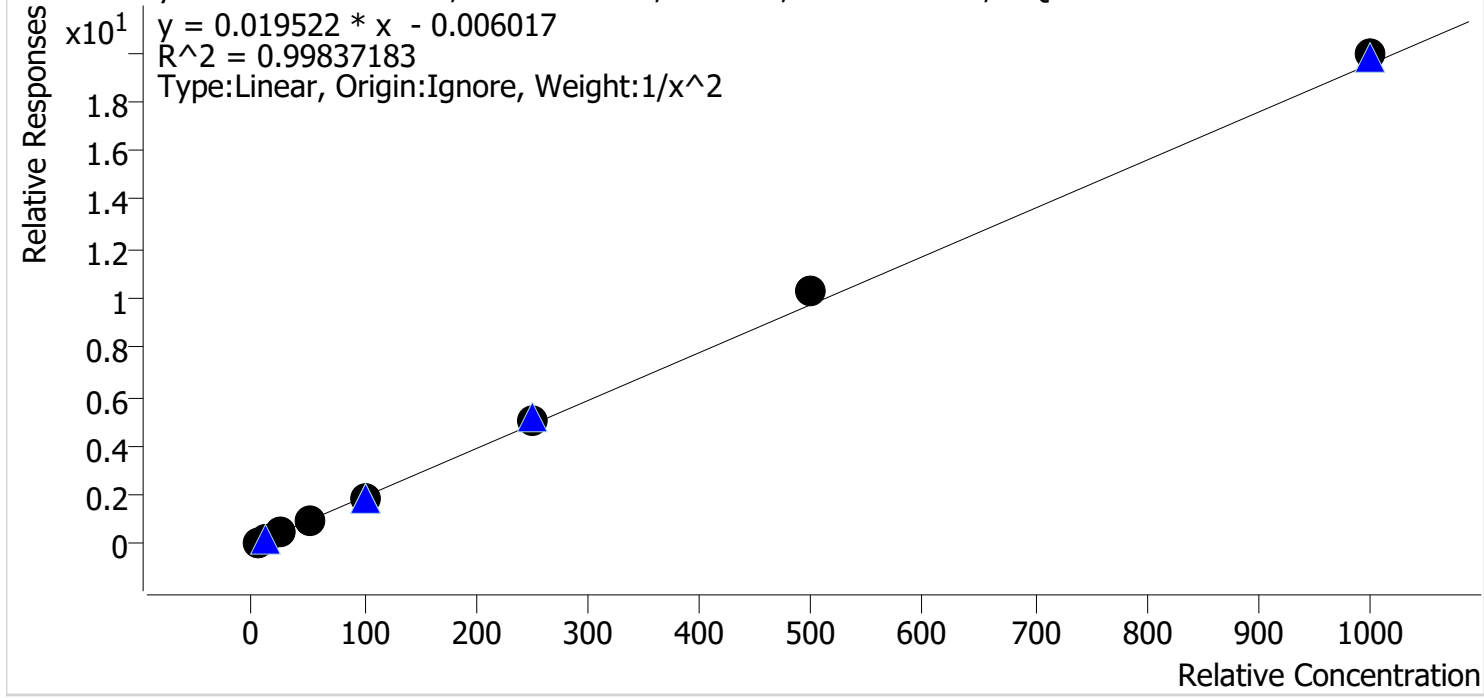
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



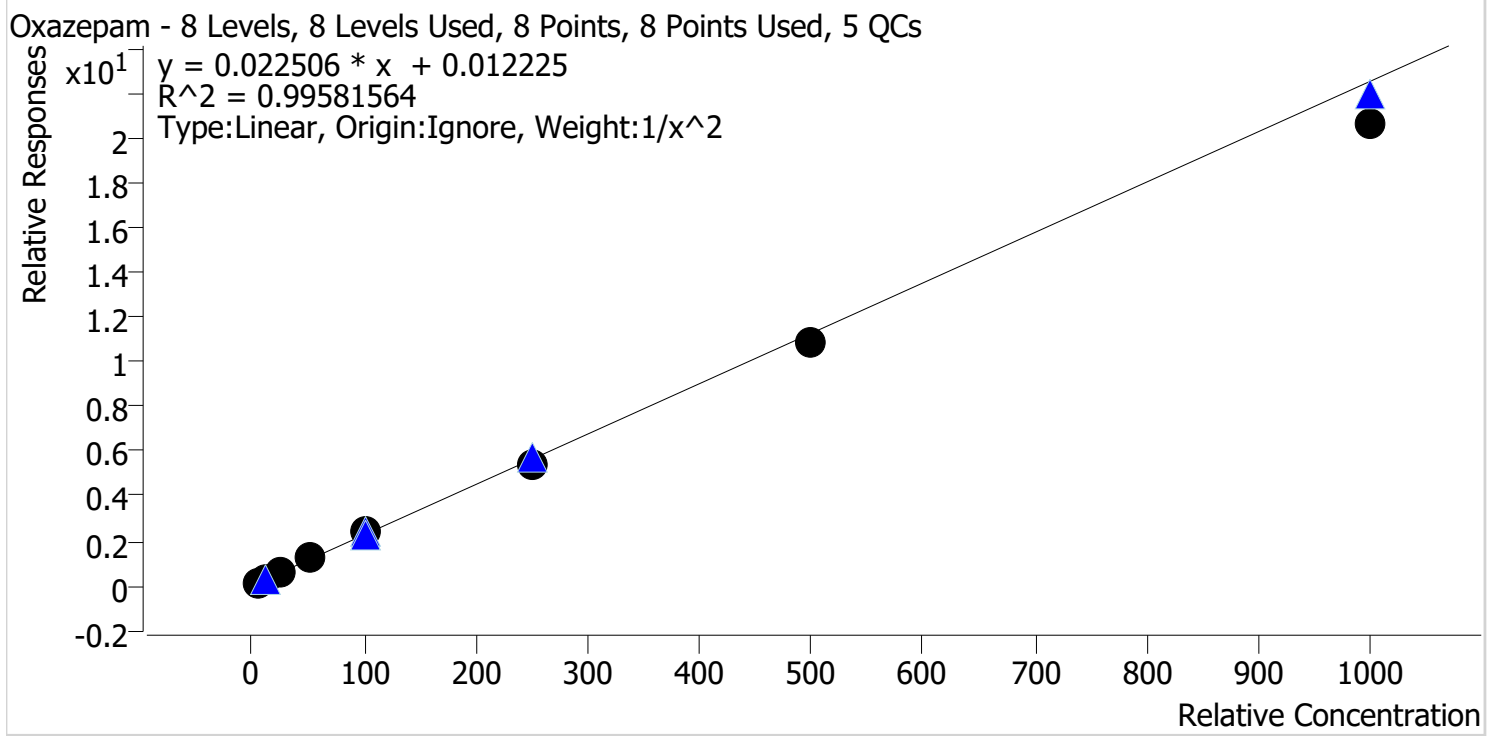
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	525.4	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1020.5	102.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



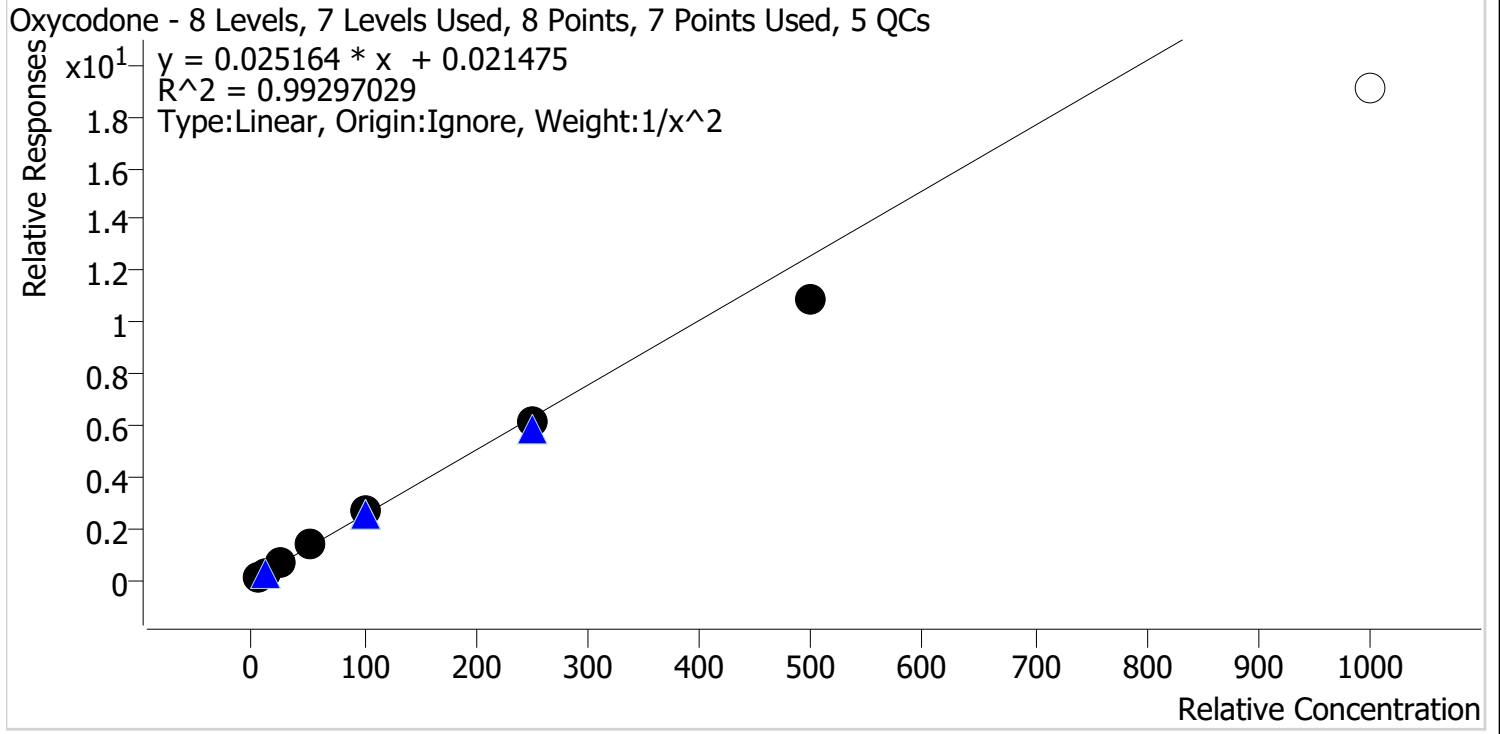
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	240.3	96.1
p1 Cal 7-500ng	7	✓	500.0	483.8	96.8
p1 Cal 8-1000ng	8	✓	1000.0	917.7	91.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



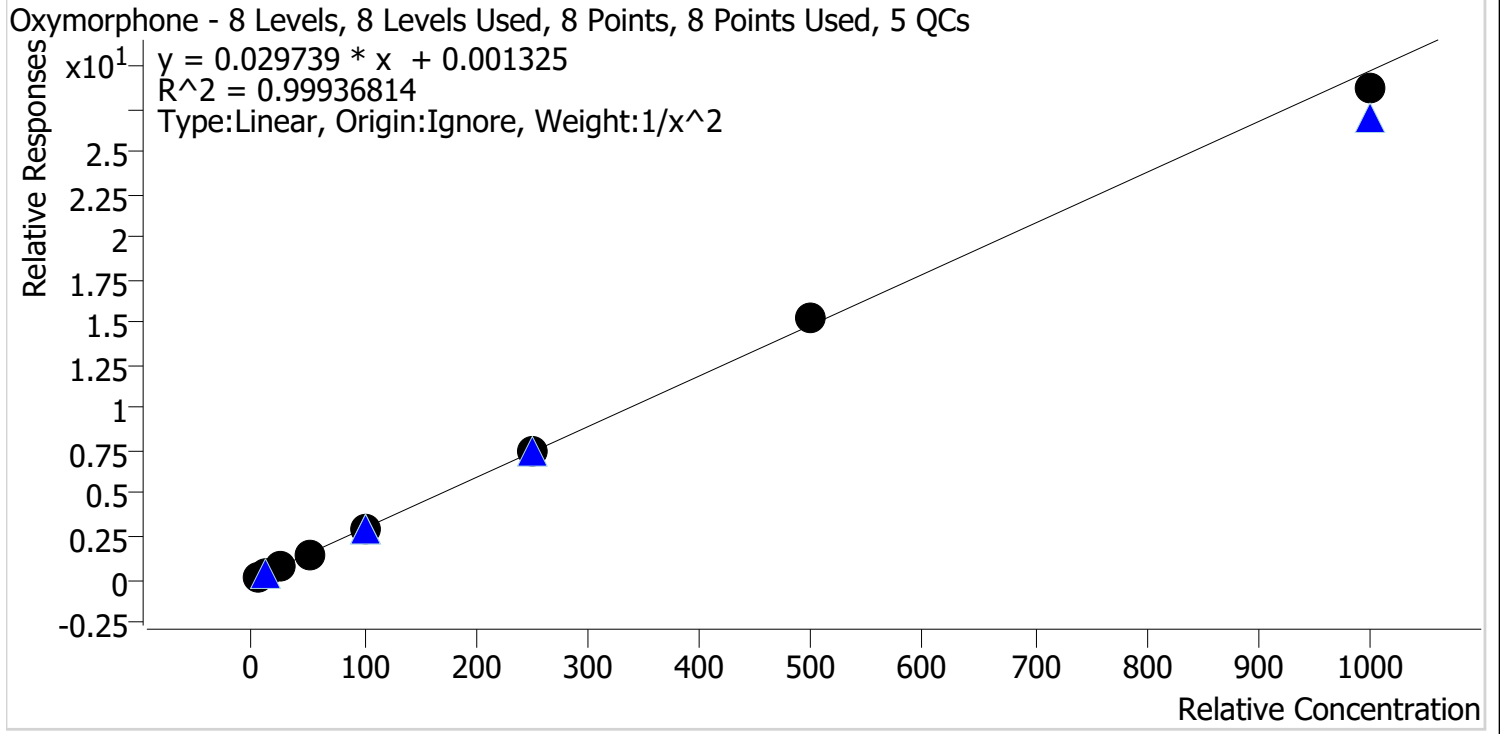
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng	7	✓	500.0	433.5	86.7
p1 Cal 8-1000ng	8	✗	1000.0	757.0	75.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

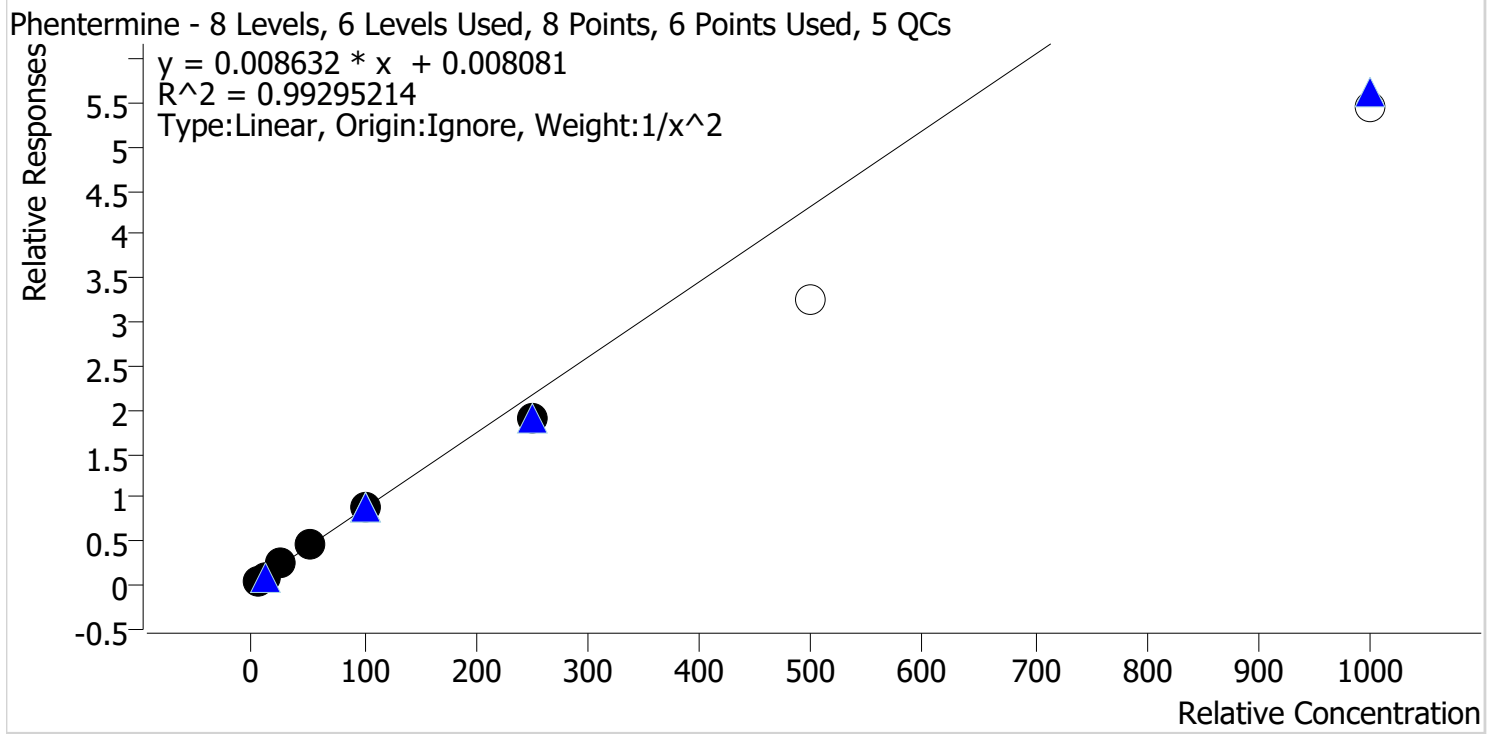


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	965.0	96.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	219.5	87.8
p1 Cal 7-500ng	7	x	500.0	375.6	75.1
p1 Cal 8-1000ng	8	x	1000.0	633.5	63.3

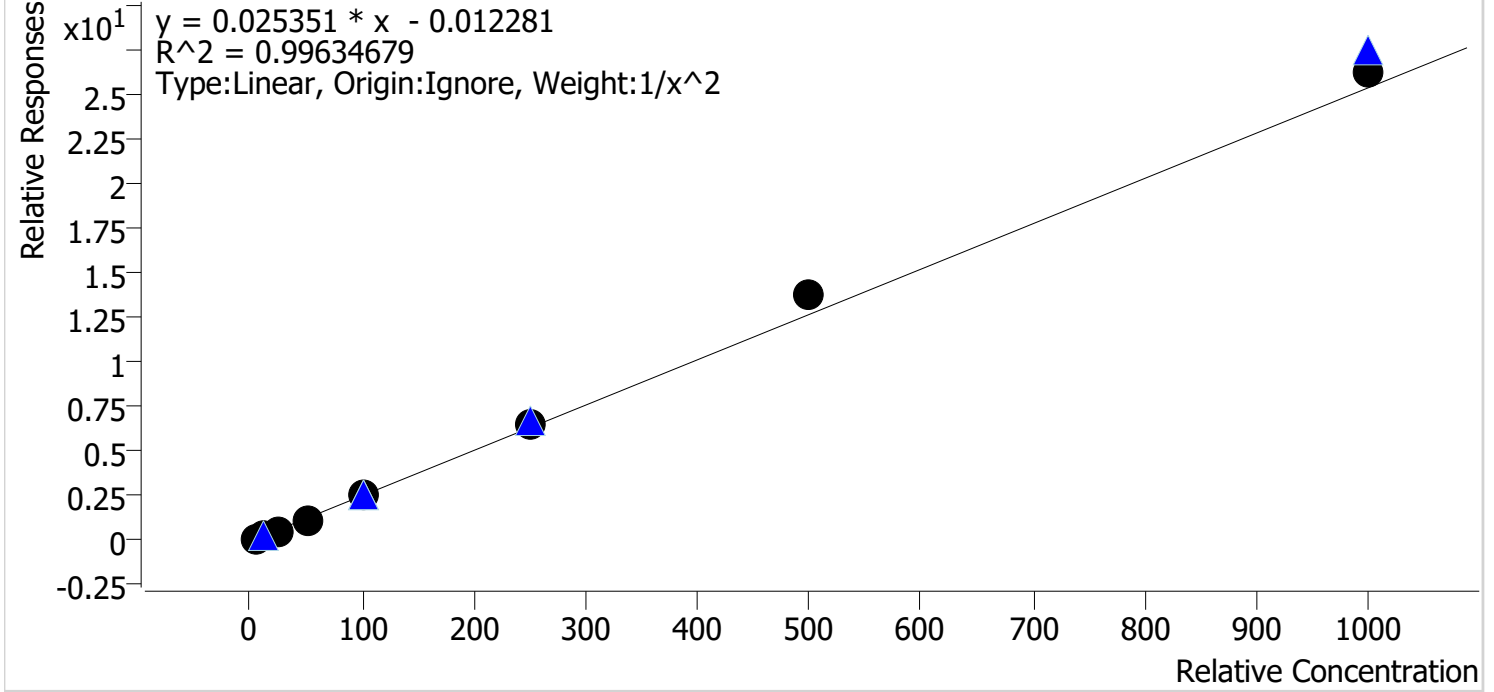
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



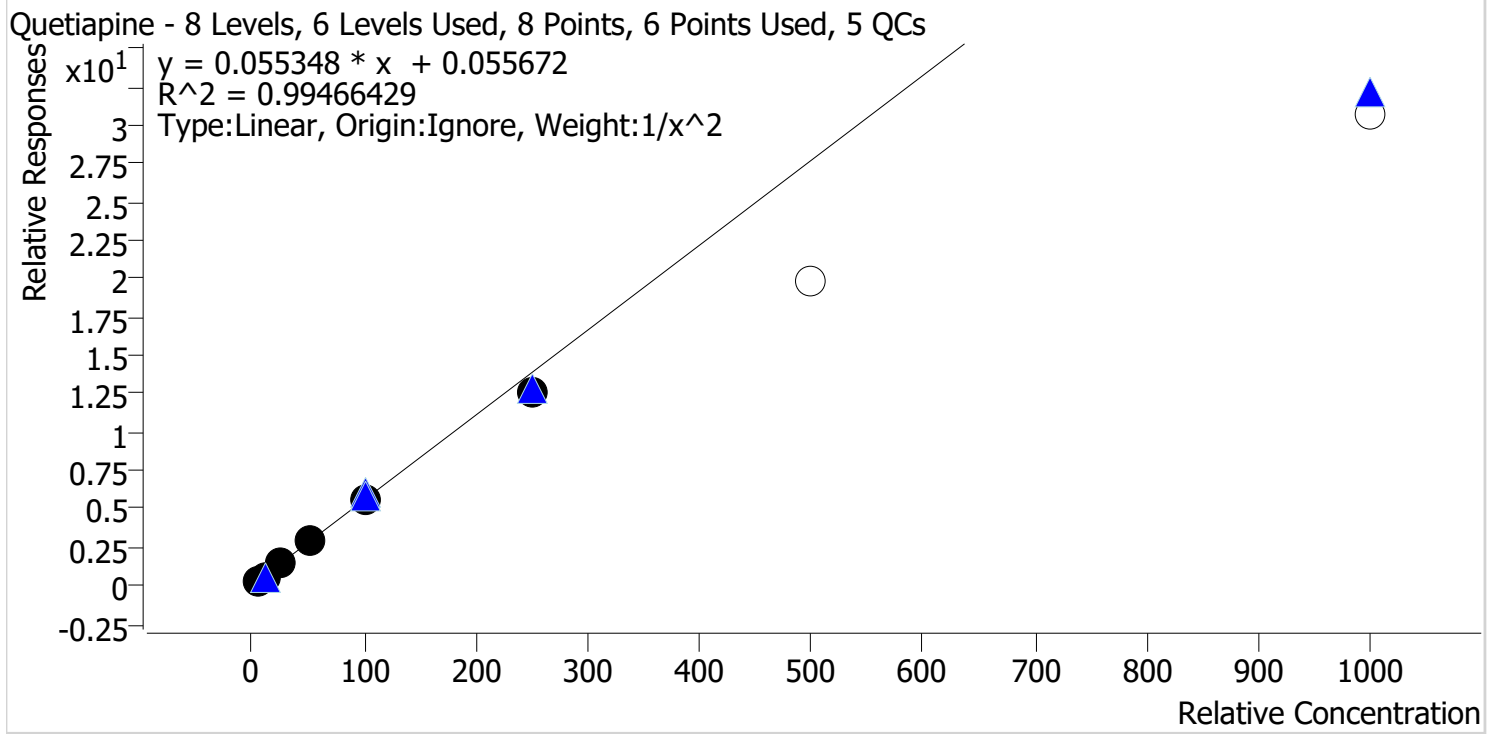
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	46.8	93.7
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	540.4	108.1
p1 Cal 8-1000ng	8	✓	1000.0	1033.7	103.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



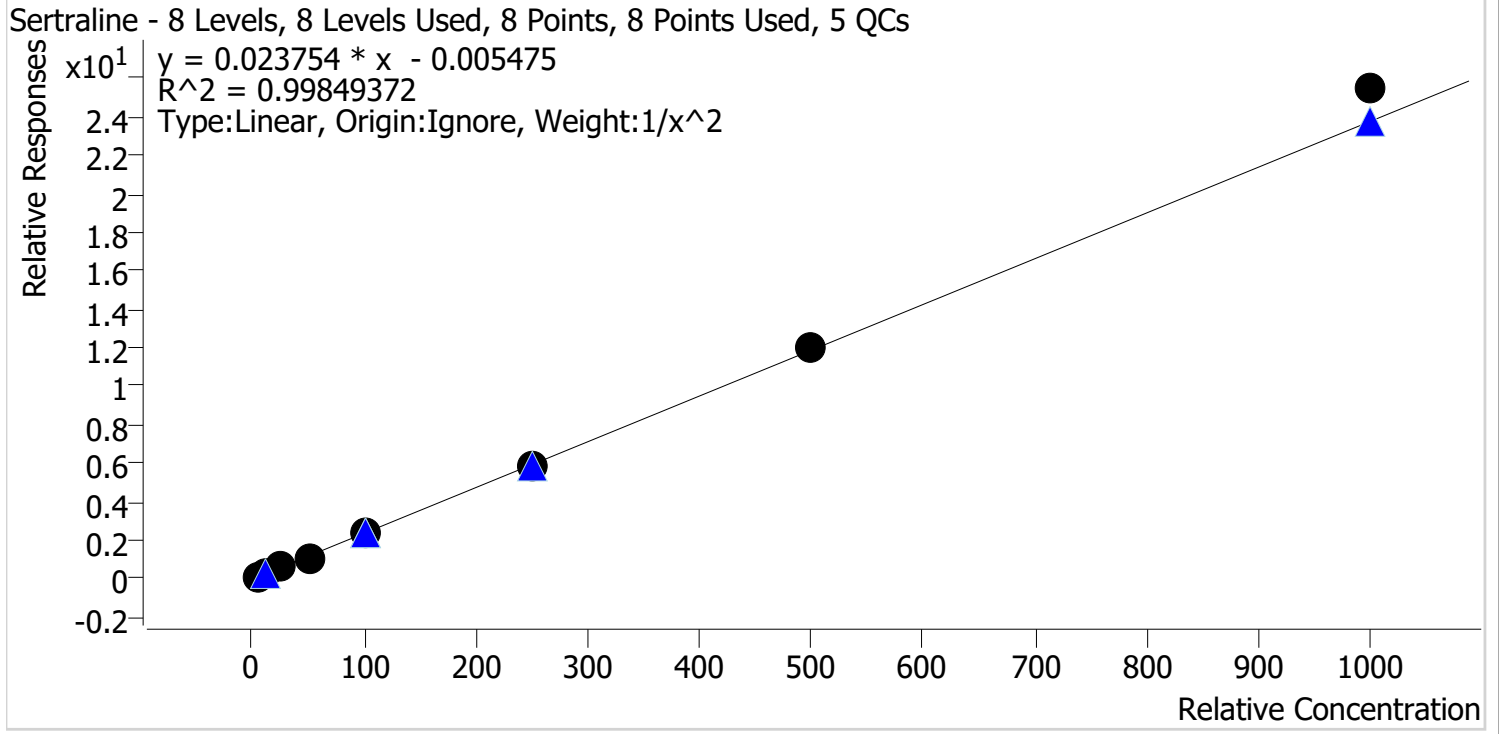
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	225.8	90.3
p1 Cal 7-500ng	7	x	500.0	359.3	71.9
p1 Cal 8-1000ng	8	x	1000.0	555.7	55.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



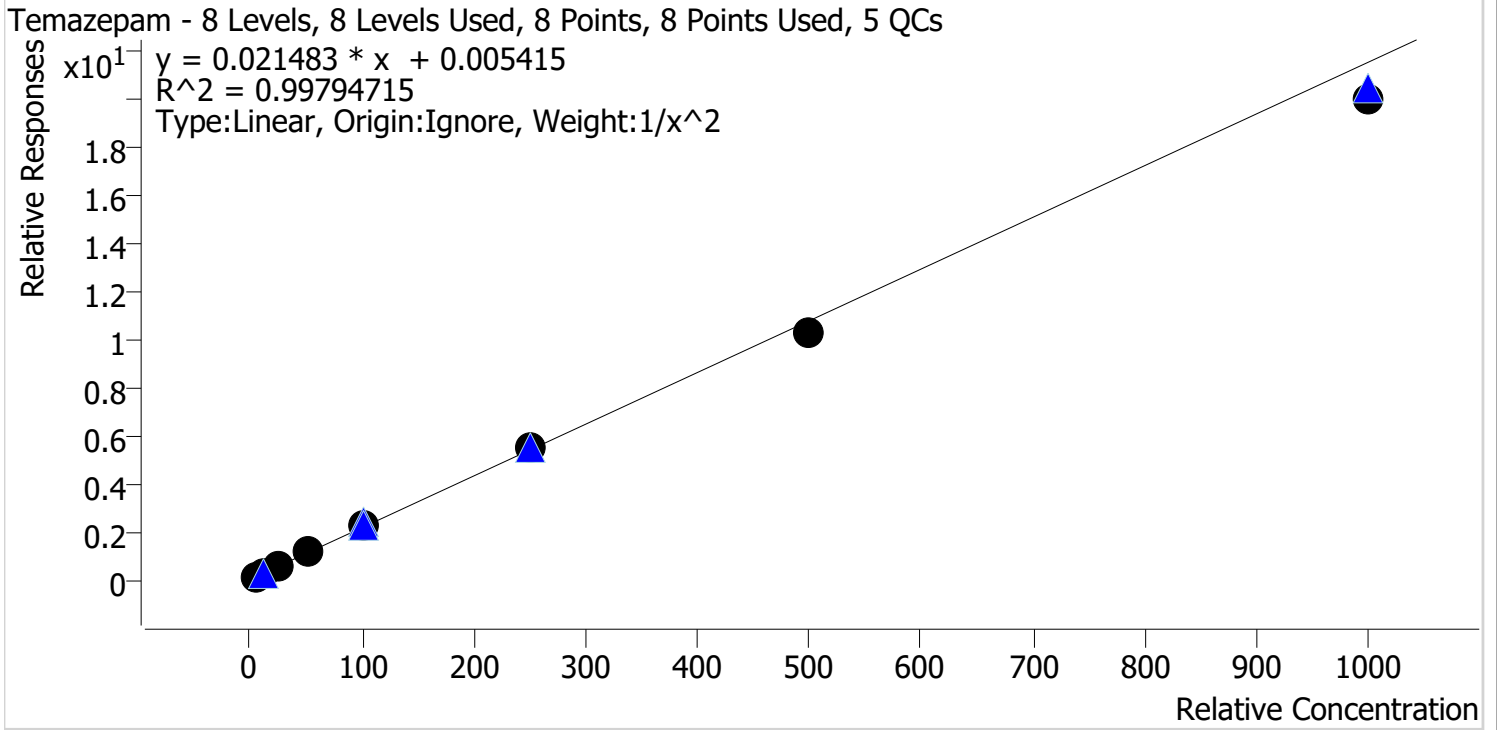
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1071.8	107.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



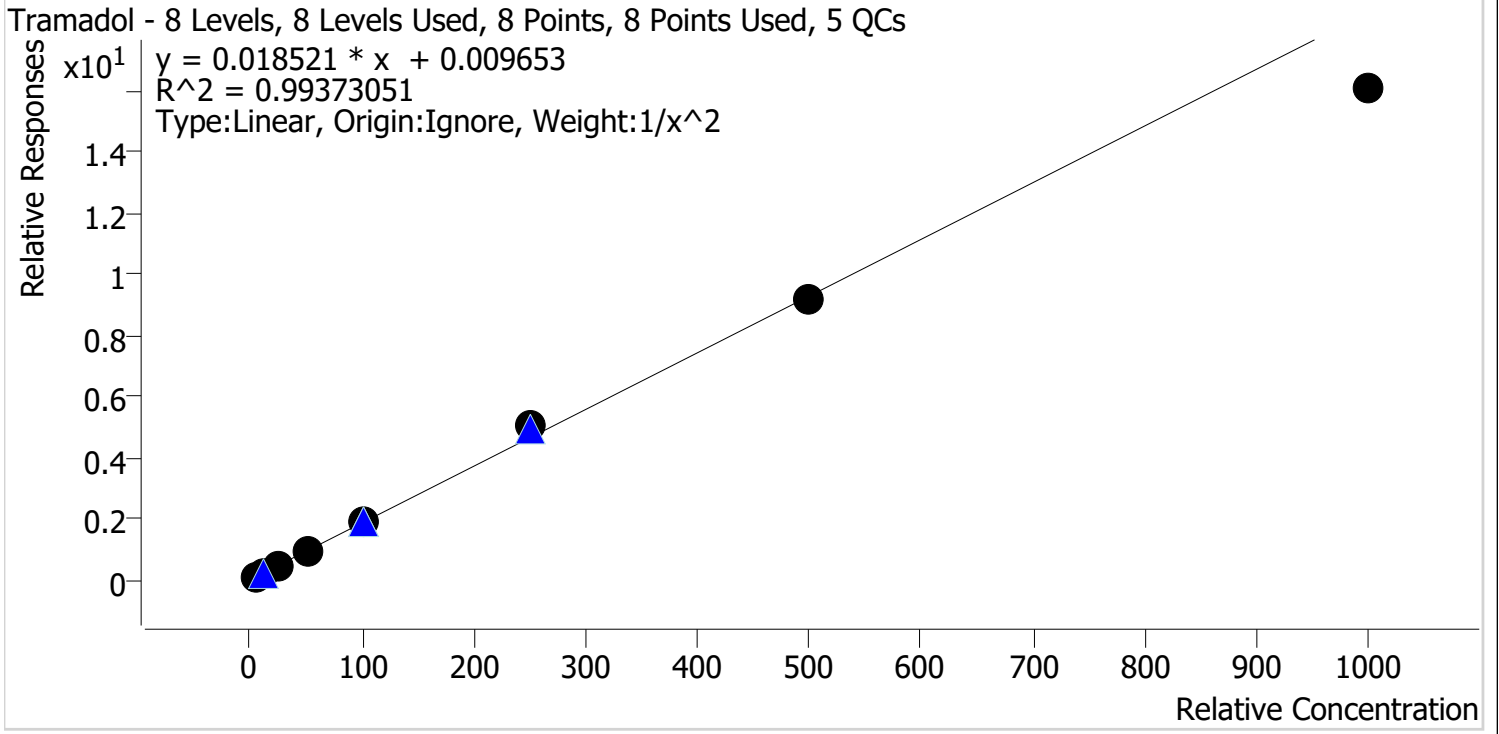
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	480.5	96.1
p1 Cal 8-1000ng	8	✓	1000.0	927.6	92.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	273.0	109.2
p1 Cal 7-500ng	7	✓	500.0	496.9	99.4
p1 Cal 8-1000ng	8	✓	1000.0	866.0	86.6

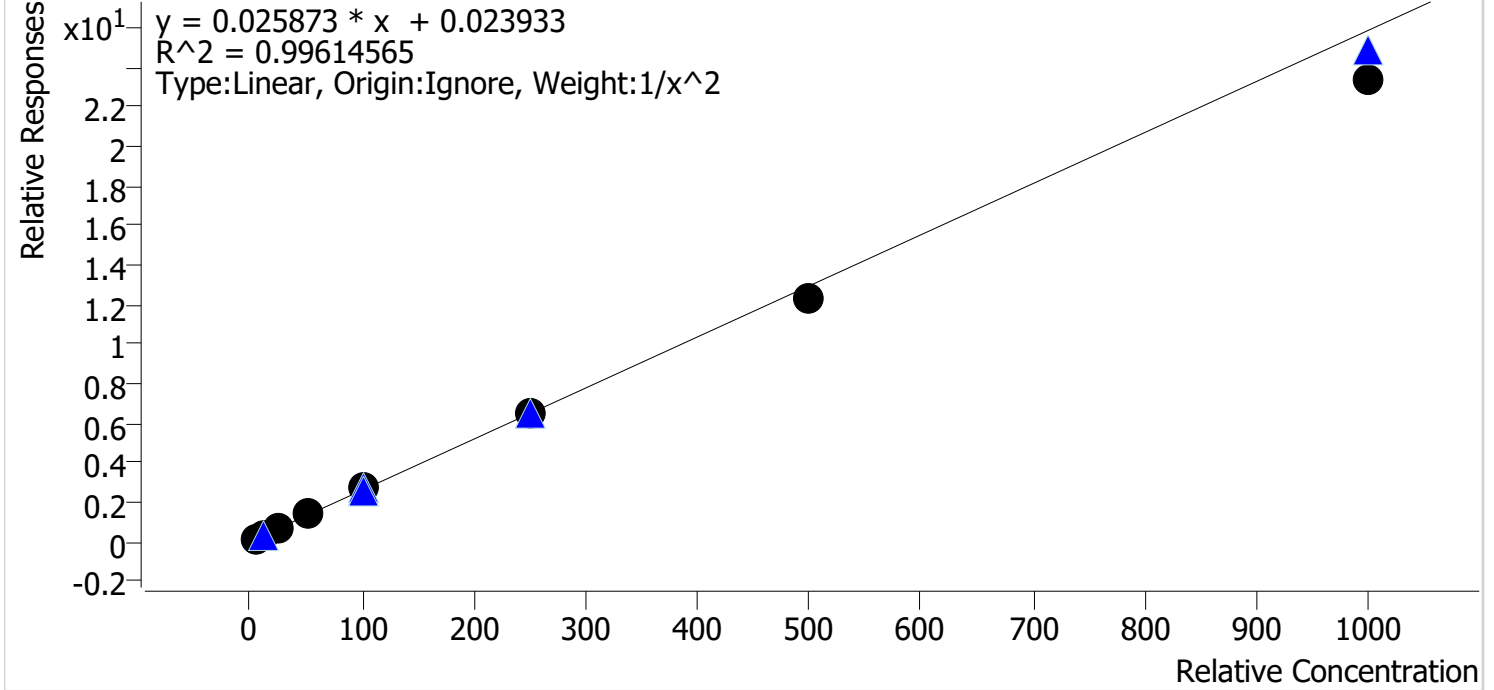
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



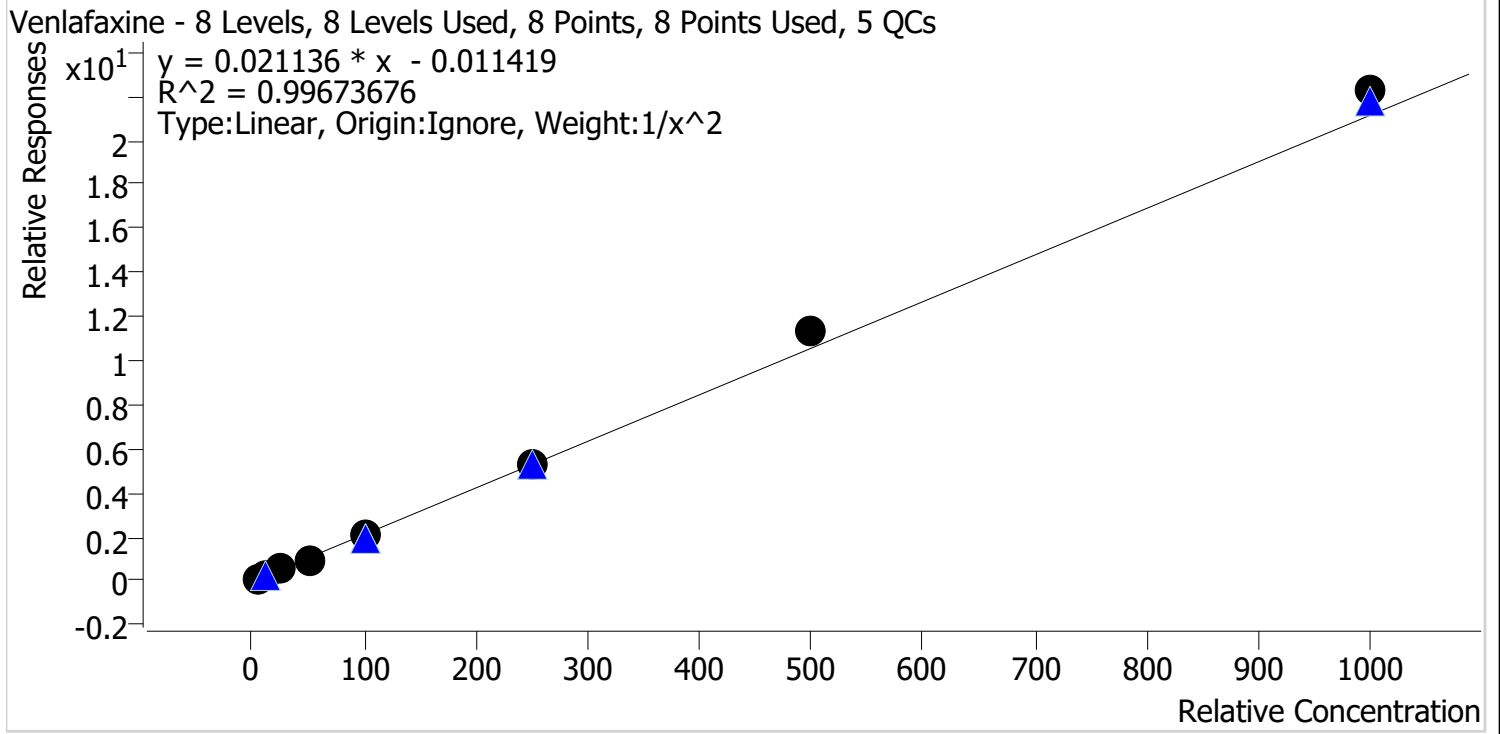
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	478.7	95.7
p1 Cal 8-1000ng	8	✓	1000.0	901.6	90.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

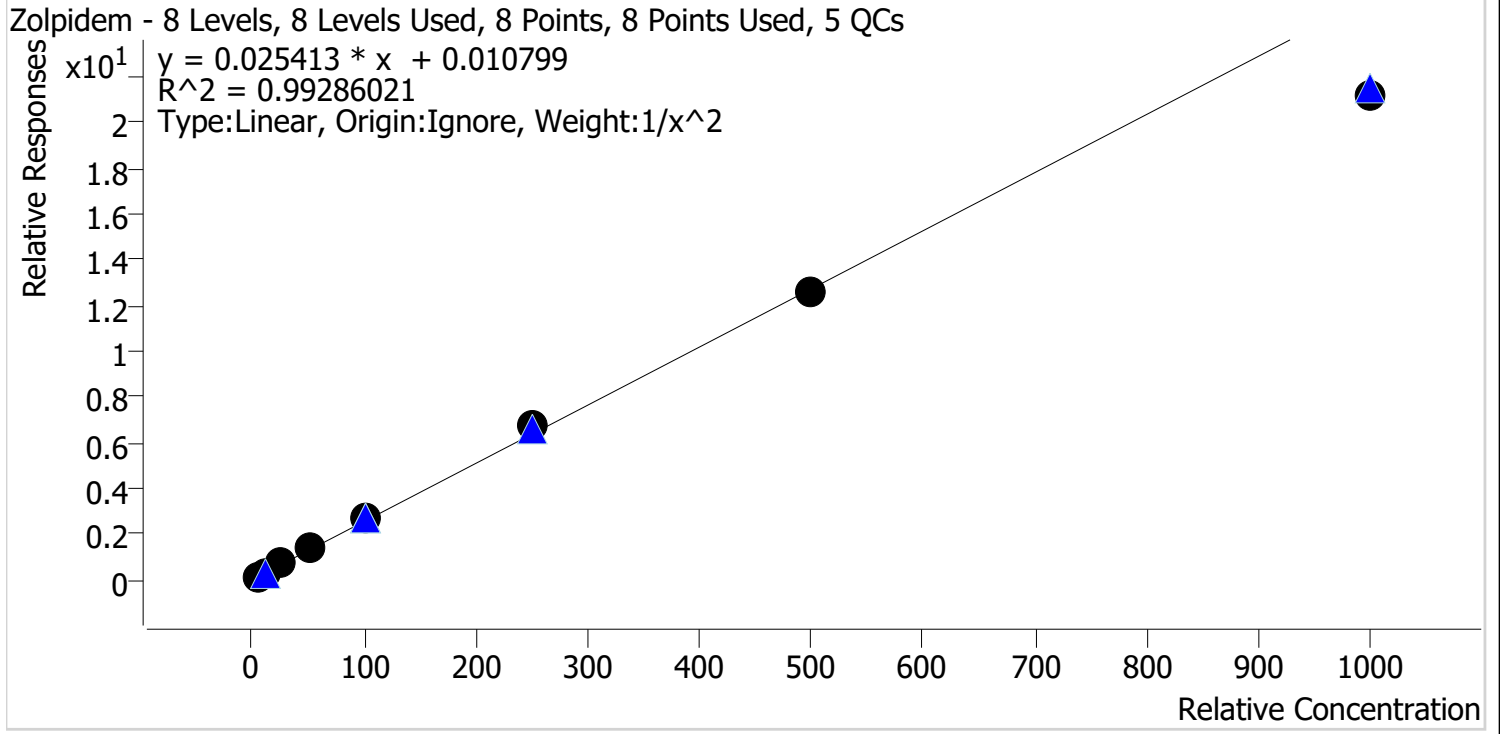


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	46.4	92.9
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	535.7	107.1
p1 Cal 8-1000ng	8	✓	1000.0	1052.9	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/15/2022 2:35 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	263.7	105.5
p1 Cal 7-500ng	7	✓	500.0	497.8	99.6
p1 Cal 8-1000ng	8	✓	1000.0	831.3	83.1



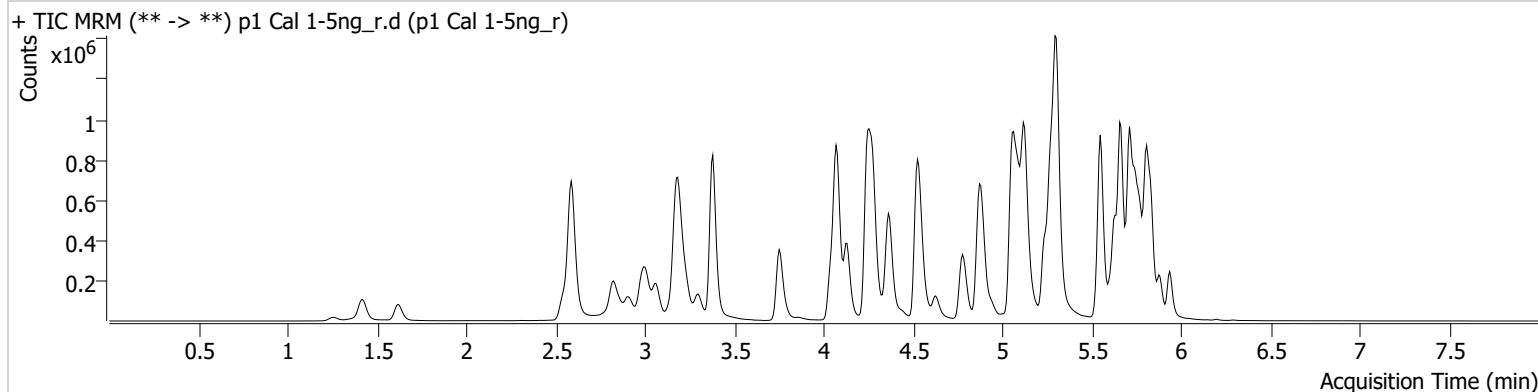
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng_r.d
Type Cal **Sample** p1 Cal 1-5ng_r
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 11/15/2022 11:43:53 AM
Sample Info.

Initial injection had the wrong plate position specified. Plate position was corrected and the calibrator injected without issue.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	1891	2970.55	77.1	4194.31	112956	0.5029 ng/ml
7-aminoclonazepam	4.265	27958	3858.63	81.8	1085.67	235638	4.8245 ng/ml
a-hydroxyalprazolam	5.695	18534	65.86	66.0	417.45	1354811	4.9427 ng/ml
alpha-PHP	4.941	34017	342.63	242.6	1073.59	875378	5.0876 ng/ml
alpha-PVP	4.377	121120	∞	51.8	612.66	875378	5.1189 ng/ml
Alprazolam	5.772	63851	299.31	114.3	314.36	538426	5.1519 ng/ml
Amphetamine	3.064	198505	647.07	50.0	939.54	635275	4.7539 ng/ml
Benzoylecgonine	3.884	2680	17.49	8.2	19.86	16519	5.0210 ng/ml
Buprenorphine	5.754	2602	92.89	15.3	296.56	207451	0.5084 ng/ml
Bupropion	4.792	123469	320.01	65.7	227.77	789135	5.0190 ng/ml
Carisoprodol	5.720	72766	67373.36	69.2	668.88	583130	5.1990 ng/ml
Chlordiazepoxide	5.841	36779	1433.56	135.2	94.40	804723	4.6890 ng/ml
Chlorpheniramine	5.124	214960	2033.11	0.3	21.35	1846391	5.0946 ng/ml
Citalopram	5.238	101301	193.06	38.0	98720.70	780338	5.0915 ng/ml
Clonazepam	5.614	78424	3698.01	34.8	111.55	208458	4.8058 ng/ml
Clonazolam	5.558	65285	54571.29	35.4	22287.48	208458	4.8900 ng/ml
Cocaine	4.278	73990	2918.27	55.7	2701.79	1300243	5.0868 ng/ml
Codeine	2.600	10357	95.88	102.3	∞	101731	4.6750 ng/ml
Cyclobenzaprine	5.631	110734	195.70	7.4	150.62	821564	5.1626 ng/ml
Dextromethorphan	5.282	61174	17949.19	81.2	331.79	541911	5.0333 ng/ml
Dextrorphan	4.131	36581	229.38	205.3	10417.88	724040	5.0956 ng/ml
Diazepam	5.944	42727	1400.80	91.2	420.58	383526	4.9394 ng/ml
Dihydrocodeine	2.572	25782	2241.51	61.3	59.02	298674	4.7792 ng/ml
Diphenhydramine	5.303	279497	6331.31	32.4	9605.07	2576133	5.1716 ng/ml
DMT	2.872	14792	156.49	136.6	332.85	541911	5.1696 ng/ml
Doxylamine	4.545	235691	2010.75	98.9	1651.22	2107049	5.0083 ng/ml
Duloxetine	5.657	9102	11099.14	15.2	1719.41	86493	4.9622 ng/ml
EDDP	5.275	131159	317.44	42.2	2210.01	1232352	5.1178 ng/ml
Etizolam	5.810	35196	41575.83	25.3	9672.25	208458	5.2097 ng/ml
Fentanyl	5.101	11102	310.75	69.6	7595.83	1013008	0.4838 ng/ml
Flualprazolam	5.701	37004	557.36	96.9	7491.13	538426	4.8090 ng/ml
Fluorofentanyl	5.162	25193	189.52	41.0	5977.18	9109	0.5277 ng/ml
Fluoxetine	5.717	119335	131429.42	7.6	13355.30	802608	5.2087 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.033	47877	295.00	34.7	144.19	428707	4.7119 ng/ml
Hydromorphone	1.629	37012	783.89	73.1	943.96	215754	5.0337 ng/ml
Hydroxyzine	5.707	112212	3766.66	73.9	1150.56	541911	5.1778 ng/ml
Ketamine	4.057	77639	1683.81	35.8	178.23	625925	4.7708 ng/ml
Lamotrigine	4.287	8882	226.54	78.1	7231.52	1810834	4.9710 ng/ml
Lorazepam	5.743	47097	49.31	52.4	70.95	647429	4.5684 ng/ml
MDA	3.211	149533	313.57	36.5	486.21	960557	4.8304 ng/ml
MDMA	3.305	74468	355.66	111.1	336.64	165759	5.0452 ng/ml
Meprobamate	4.908	59642	2161.03	28.4	275.53	522495	4.9019 ng/ml
Methadone	5.662	206065	341.87	47.7	14661.57	1550587	5.0498 ng/ml
Methamphetamine	3.232	201578	365.59	36.1	467.14	1431818	4.8715 ng/ml
Metoprolol	4.340	22384	555.43	102.9	761.69	1797071	4.8579 ng/ml
Mirtazapine	4.627	172939	1163.19	50.5	6490.57	875378	5.1605 ng/ml
Mitragynine	5.236	45717	59711.49	37.4	21343.54	1550587	4.9048 ng/ml
Morphine	1.267	5227	340.55	54.2	734.06	18281	4.9160 ng/ml
Norbuprenorphine	5.010	475	168.21	124.6	1827.28	35078	0.4475 ng/ml
Nordiazepam	5.883	49088	783.96	60.1	365.81	292839	4.9490 ng/ml
Norfentanyl	4.091	19252	1473.48	37.0	10.11	1413122	0.5217 ng/ml
Norhydrocodone	3.081	9778	65.32	41.2	39.40	135165	5.2535 ng/ml
Noroxycodone	2.931	49429	705.57	44.1	419.21	317986	5.5810 ng/ml
O-desmethyl-tramadol	3.386	182090	6751.32	5.8	466.93	1938446	5.1200 ng/ml
o-desmethylvenlafaxine	4.083	269894	8040.61	17.9	333.93	423415	5.2099 ng/ml
Olanzapine	4.434	33006	862.72	54.8	417.61	165154	5.1593 ng/ml
Oxazepam	5.746	80304	445.72	70.8	163.22	647429	4.9680 ng/ml
Oxycodone	2.849	95888	1465.42	27.4	392.72	668822	4.8440 ng/ml
Oxymorphone	1.425	47945	7419.80	44.0	804.68	317687	5.0303 ng/ml
Phentermine	3.787	49180	514.81	7.3	99.00	985459	4.8454 ng/ml
Promethazine	5.547	178723	863.92	30.5	173.85	1501458	5.1799 ng/ml
Pseudoephedrine	2.596	193683	1900.12	19.1	7072.59	1810834	5.1618 ng/ml
Quetiapine	5.543	112608	25041.37	60.8	43414.33	346107	4.8725 ng/ml
Sertraline	5.779	37474	374.22	107.9	1630.66	325112	5.0830 ng/ml
Temazepam	5.813	150964	854.59	26.3	42.75	1354811	4.9346 ng/ml
Tramadol	4.260	181146	291.51	3.2	33.99	1797071	4.9214 ng/ml
Trazodone	5.120	133993	200542.57	65.8	198.44	885494	4.9236 ng/ml
Venlafaxine	5.056	171415	489.11	37.9	∞	1769442	5.1237 ng/ml
Zolpidem	4.891	188457	1152.27	28.0	858.86	1388635	4.9154 ng/ml

TS

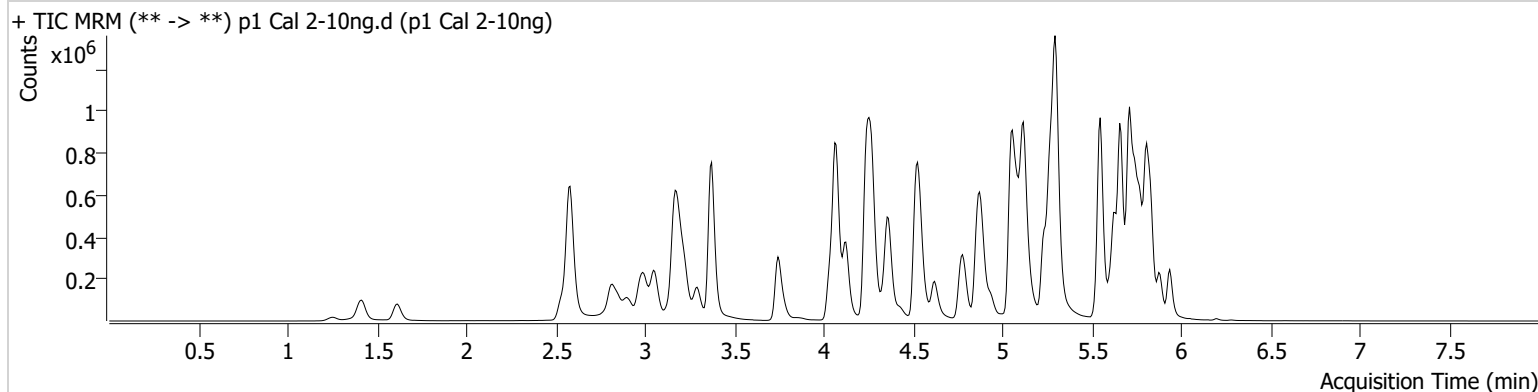


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 4:34:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	3232	256.37	72.5	6803.21	94137	1.0022 ng/ml
7-aminoclonazepam	4.258	53463	2682.59	78.7	3400.59	221607	10.4373 ng/ml
a-hydroxyalprazolam	5.695	29141	731.95	66.5	218.87	1137557	10.0272 ng/ml
alpha-PHP	4.935	55727	789.74	250.6	2513.46	756966	9.7105 ng/ml
alpha-PVP	4.370	204381	∞	52.1	14711.58	756966	9.7663 ng/ml
Alprazolam	5.765	103554	462.93	118.8	508.52	461527	9.5699 ng/ml
Amphetamine	3.057	322972	958.99	49.5	416.05	527230	10.5260 ng/ml
Benzoylecgonine	3.884	4295	65.70	8.6	78.88	14016	10.1656 ng/ml
Buprenorphine	5.748	4683	623.26	16.9	733.76	172753	1.0166 ng/ml
Bupropion	4.792	200714	6120.69	66.3	283.60	668135	9.8673 ng/ml
Carisoprodol	5.720	120347	120591.13	66.9	261.53	467168	9.8169 ng/ml
Chlordiazepoxide	5.834	60377	877.21	128.7	822.32	671735	10.4951 ng/ml
Chlorpheniramine	5.124	350034	4651.02	0.4	77.56	1540449	9.8650 ng/ml
Citalopram	5.231	169549	7864.47	37.3	83370.20	664317	9.8092 ng/ml
Clonazepam	5.607	130160	374.85	35.3	569.44	177656	10.3178 ng/ml
Clonazolam	5.551	101868	1044.76	36.1	87968.86	177656	10.0308 ng/ml
Cocaine	4.271	123412	5662.79	57.4	119730.83	1126887	9.7578 ng/ml
Codeine	2.586	16805	5695.70	104.0	2647.81	86447	10.4914 ng/ml
Cyclobenzaprine	5.631	188400	43721.03	7.1	79.29	716733	9.6705 ng/ml
Dextromethorphan	5.275	103219	2118.97	80.2	5414.80	463412	9.9498 ng/ml
Dextrorphan	4.124	60299	474.20	212.5	5436.23	614510	9.8285 ng/ml
Diazepam	5.937	73240	314.18	90.7	988.11	326499	10.1492 ng/ml
Dihydrocodeine	2.565	43742	∞	61.2	200.59	255274	10.3557 ng/ml
Diphenhydramine	5.303	447482	7444.47	32.4	174975.02	2153320	9.6213 ng/ml
DMT	2.858	24567	523.84	132.8	1965.99	463412	9.6641 ng/ml
Doxylamine	4.538	395575	2103.64	97.2	16840.33	1798685	9.8639 ng/ml
Duloxetine	5.657	16887	449.42	16.3	100.49	82716	10.0102 ng/ml
EDDP	5.268	213333	290.79	43.9	2608.42	1021807	9.7586 ng/ml
Etizolam	5.810	60831	64832.48	25.0	13741.95	177656	9.7381 ng/ml
Fentanyl	5.101	19075	48.43	66.6	4030.14	870837	1.0290 ng/ml
Flualprazolam	5.701	58503	2060.42	96.9	3555.15	461527	10.2016 ng/ml
Fluorofentanyl	5.155	42734	1177.95	41.9	13985.19	8144	0.9510 ng/ml
Fluoxetine	5.710	213519	473.92	7.8	30746.57	715512	9.5661 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	78777	70.71	33.6	491.96	354227	10.5695 ng/ml
Hydromorphone	1.622	60571	2351.59	72.8	266.27	179688	9.8998 ng/ml
Hydroxyzine	5.700	193053	5894.59	72.0	9097.85	463412	9.8019 ng/ml
Ketamine	4.050	129326	1591.81	36.3	605.18	525896	10.4449 ng/ml
Lamotrigine	4.281	13588	175.13	81.0	1056.04	1515281	9.8234 ng/ml
Lorazepam	5.743	91358	767.68	47.3	260.31	559570	11.3481 ng/ml
MDA	3.205	240660	2090.24	36.6	621.42	784701	10.3781 ng/ml
MDMA	3.298	121832	11952.93	111.6	1121.91	139969	9.9010 ng/ml
Meprobamate	4.908	99001	12027.71	28.1	4195.46	441708	10.2142 ng/ml
Methadone	5.662	345664	1097.58	46.8	457.28	1257078	10.0844 ng/ml
Methamphetamine	3.226	322883	3204.02	36.6	304.94	1232154	10.0894 ng/ml
Metoprolol	4.334	38273	18530.79	103.8	1029.10	1552040	10.2434 ng/ml
Mirtazapine	4.620	289866	1311.14	50.5	530.13	756966	9.6439 ng/ml
Mitragynine	5.229	76323	115494.71	36.7	1426.56	1257078	10.3344 ng/ml
Morphine	1.261	8399	1388.78	55.0	204.06	14022	10.1902 ng/ml
Norbuprenorphine	5.004	877	1980.50	92.9	1629.09	28883	1.2032 ng/ml
Nordiazepam	5.883	83634	304.40	57.7	397.37	253627	10.0589 ng/ml
Norfentanyl	4.085	32616	992.08	38.4	35.42	1223216	0.9636 ng/ml
Norhydrocodone	3.074	15582	154.87	39.1	34.17	107792	9.4934 ng/ml
Noroxycodone	2.917	77031	219.19	45.9	1745.66	255251	10.2175 ng/ml
O-desmethyl-tramadol	3.372	307648	507.05	5.7	407.26	1669978	9.7450 ng/ml
o-desmethylvenlafaxine	4.076	446258	10538.03	17.8	1039.46	361798	9.5549 ng/ml
Olanzapine	4.427	51410	2038.49	59.5	853.14	131093	9.6377 ng/ml
Oxazepam	5.746	130346	147.45	71.6	357.76	559570	9.8069 ng/ml
Oxycodone	2.842	155995	2620.57	27.0	671.52	557954	10.2571 ng/ml
Oxymorphone	1.418	78414	380.19	44.0	133.88	264562	9.9219 ng/ml
Phentermine	3.780	81364	675.71	6.8	64.65	839283	10.2949 ng/ml
Promethazine	5.547	309505	65889.61	31.3	457.46	1333142	9.6424 ng/ml
Pseudoephedrine	2.589	321155	5918.36	19.1	7284.46	1515281	9.7358 ng/ml
Quetiapine	5.543	184059	242.36	59.5	13229.03	296964	10.1924 ng/ml
Sertraline	5.779	71361	349.49	102.5	552.84	313362	9.8175 ng/ml
Temazepam	5.807	252285	410.78	26.1	146.95	1137557	10.0711 ng/ml
Tramadol	4.253	312764	98.40	3.6	98.36	1552040	10.3596 ng/ml
Trazodone	5.107	216868	295.21	68.5	70550.46	769170	9.9726 ng/ml
Venlafaxine	5.049	298820	545.03	35.8	1543.25	1522561	9.8260 ng/ml
Zolpidem	4.877	312759	3647.89	28.0	9015.62	1180482	10.0005 ng/ml

TS

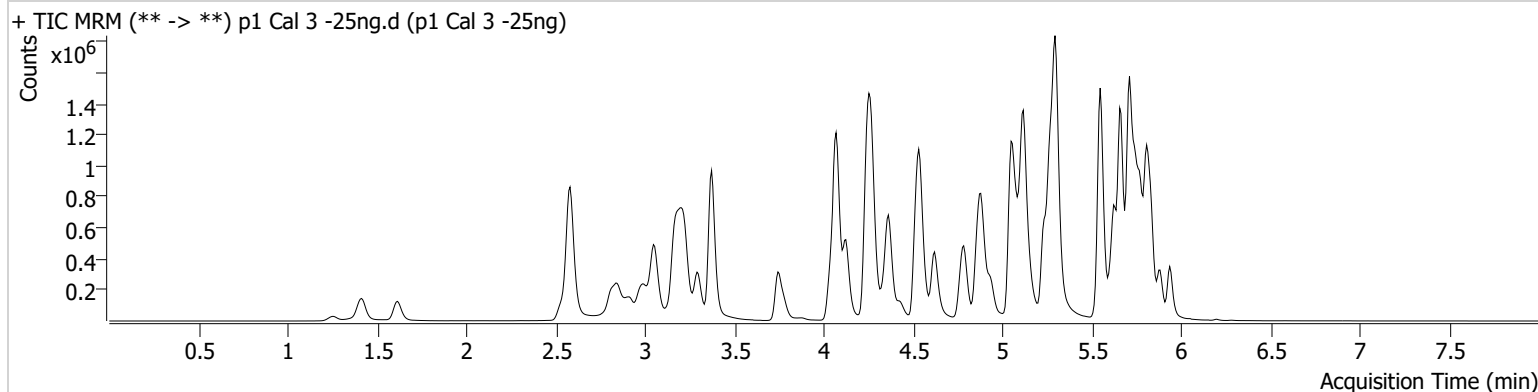


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 4:45:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	8162	295.00	65.5	1314.88	95629	2.4499 ng/ml
7-aminoclonazepam	4.258	128026	2419.91	80.8	510.29	216989	26.4037 ng/ml
a-hydroxyalprazolam	5.688	70377	272.05	64.2	1350.65	1112223	26.0678 ng/ml
alpha-PHP	4.935	143053	5567.98	245.9	8116.17	768586	24.6740 ng/ml
alpha-PVP	4.370	515455	10489.98	53.1	16491.80	768586	23.9112 ng/ml
Alprazolam	5.765	256102	2376.04	116.5	591.65	444809	24.2456 ng/ml
Amphetamine	3.057	800352	796.89	49.7	721.79	540081	27.2459 ng/ml
Benzoylcegonine	3.884	10208	525.79	9.0	108.60	14554	24.2535 ng/ml
Buprenorphine	5.748	11213	670.76	17.8	5803.19	176248	2.2905 ng/ml
Bupropion	4.792	513327	29248.55	66.3	673.51	682023	25.0993 ng/ml
Carisoprodol	5.720	277257	360.38	64.8	214.46	448103	22.3724 ng/ml
Chlordiazepoxide	5.834	149532	4009.12	130.3	637.20	666913	28.1496 ng/ml
Chlorpheniramine	5.124	881794	3202.20	0.3	64.60	1599664	23.8139 ng/ml
Citalopram	5.231	431296	969.44	37.4	92105.30	678159	24.1332 ng/ml
Clonazepam	5.607	314312	433.69	34.9	316.98	174434	26.8528 ng/ml
Clonazolam	5.551	249863	42490.10	36.9	111976.53	174434	27.0017 ng/ml
Cocaine	4.271	313136	45825.29	55.7	11088.22	1133453	24.5627 ng/ml
Codeine	2.586	42489	728.42	103.7	33470.39	89525	28.0940 ng/ml
Cyclobenzaprine	5.631	484866	54499.78	7.1	703.07	729675	23.8071 ng/ml
Dextromethorphan	5.275	259272	170.17	79.7	6284.50	472326	24.5485 ng/ml
Dextrorphan	4.124	151818	251076.59	209.0	25688.61	629881	24.0366 ng/ml
Diazepam	5.937	182251	2271.75	91.7	672.27	331561	25.1611 ng/ml
Dihydrocodeine	2.565	111460	3433.68	61.9	4964.15	258411	27.4050 ng/ml
Diphenhydramine	5.303	1131607	653.49	33.2	531.55	2167861	23.6978 ng/ml
DMT	2.858	61244	1468.84	134.4	81168.07	472326	23.0604 ng/ml
Doxylamine	4.538	1019911	44134.03	95.7	7730.07	1823488	25.1131 ng/ml
Duloxetine	5.657	43735	1146.92	15.1	257.03	85687	25.6372 ng/ml
EDDP	5.268	558927	27308.91	42.6	959.61	1062337	24.1479 ng/ml
Etizolam	5.810	144906	1932.84	26.3	41426.58	174434	22.4783 ng/ml
Fentanyl	5.101	48071	141.47	69.0	167.75	884241	2.6462 ng/ml
Flualprazolam	5.701	137863	2510.61	94.1	6642.53	444809	27.2233 ng/ml
Fluorofentanyl	5.155	108851	1031.23	42.9	3220.46	8545	2.2288 ng/ml
Fluoxetine	5.710	543825	525182.34	7.8	177969.17	701644	23.4377 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	196254	1621.52	33.9	253.43	358005	27.8068 ng/ml
Hydromorphone	1.622	151901	407.12	72.9	829770.50	178796	24.9640 ng/ml
Hydroxyzine	5.700	475104	42952.97	75.6	7262.41	472326	22.8073 ng/ml
Ketamine	4.050	321742	3050.37	36.7	862.93	539704	26.7505 ng/ml
Lamotrigine	4.281	34603	292.90	80.1	1074.96	1534150	26.0528 ng/ml
Lorazepam	5.743	197051	987.41	51.0	808.58	522496	27.3662 ng/ml
MDA	3.205	586541	1655.95	36.5	795.72	789324	26.4096 ng/ml
MDMA	3.298	305118	8483.73	112.4	1366.80	142799	24.5004 ng/ml
Meprobamate	4.901	239246	219.55	28.0	2321.50	435380	25.9300 ng/ml
Methadone	5.662	870385	854.90	48.4	1182.06	1327725	23.5699 ng/ml
Methamphetamine	3.226	820921	703.83	35.6	1140.98	1262954	26.7827 ng/ml
Metoprolol	4.334	96885	511.15	102.6	2042.46	1567466	26.6379 ng/ml
Mirtazapine	4.620	737944	4264.10	50.5	2406.67	768586	23.6041 ng/ml
Mitragynine	5.229	193616	4643.13	36.8	153259.35	1327725	25.1312 ng/ml
Morphine	1.261	21280	14593.13	54.5	465.00	14008	25.6928 ng/ml
Norbuprenorphine	5.004	1758	1934.07	108.3	1204.36	30930	2.3944 ng/ml
Nordiazepam	5.883	205597	4124.28	59.1	1270.50	251147	25.4674 ng/ml
Norfentanyl	4.091	80340	82.99	38.4	246.53	1224645	2.2832 ng/ml
Norhydrocodone	3.074	37262	250.38	38.8	68.94	99020	23.1002 ng/ml
Noroxycodone	2.917	189345	1330.52	45.9	979.24	255108	24.1717 ng/ml
O-desmethyl-tramadol	3.372	792514	19516.10	5.7	200.41	1706390	24.0989 ng/ml
o-desmethylvenlafaxine	4.076	1140974	29029.14	17.7	187.02	363622	23.4377 ng/ml
Olanzapine	4.427	128794	2687.24	58.7	1151.45	127835	23.9673 ng/ml
Oxazepam	5.746	308776	3610.52	73.9	1381.95	522496	25.7148 ng/ml
Oxycodone	2.842	393396	576.93	27.1	3147.73	571660	26.4937 ng/ml
Oxymorphone	1.418	198496	442.64	42.1	∞	272680	24.4336 ng/ml
Phentermine	3.780	204584	547.30	7.0	165.98	858551	26.6701 ng/ml
Promethazine	5.547	791488	1342.28	31.5	17239.92	1359314	23.4530 ng/ml
Pseudoephedrine	2.589	809520	17230.61	19.0	23145.01	1534150	23.4912 ng/ml
Quetiapine	5.543	467093	307.52	60.8	184740.93	304789	26.6828 ng/ml
Sertraline	5.779	184311	440.94	101.0	303.74	318440	24.5969 ng/ml
Temazepam	5.807	615137	10659.38	26.0	238.32	1112223	25.4920 ng/ml
Tramadol	4.253	706517	∞	3.9	131.10	1567466	23.8160 ng/ml
Trazodone	5.107	558310	94325.14	68.6	568578.30	799403	26.0691 ng/ml
Venlafaxine	5.049	754886	8136.81	36.5	524.53	1526205	23.9420 ng/ml
Zolpidem	4.877	807984	2219.54	27.4	1226.12	1190965	26.2713 ng/ml

TS

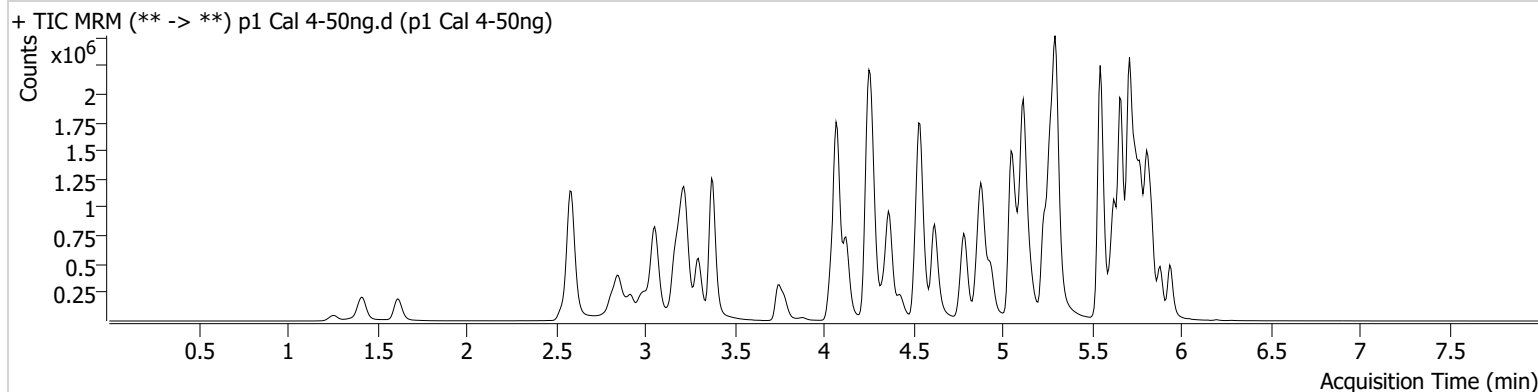


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 4:55:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	16183	21305.67	72.0	5064.72	95001	4.8622 ng/ml
7-aminoclonazepam	4.258	254829	410.48	79.6	9374.61	222718	51.7735 ng/ml
a-hydroxyalprazolam	5.688	119309	712.71	67.8	360.93	989033	50.4980 ng/ml
alpha-PHP	4.935	276405	3509.20	247.5	13302.08	736988	49.8006 ng/ml
alpha-PVP	4.370	1005618	34576.20	52.3	791.69	736988	48.4070 ng/ml
Alprazolam	5.765	474870	2865.46	118.6	457.77	413075	48.2122 ng/ml
Amphetamine	3.057	1524026	920.84	47.5	1846.42	526255	54.4430 ng/ml
Benzoylecgonine	3.884	19496	1664.83	8.6	97.29	14648	46.7149 ng/ml
Buprenorphine	5.748	22298	694.73	16.0	2499.05	170414	4.6359 ng/ml
Bupropion	4.792	1009164	27827.21	66.3	464.18	672512	50.2905 ng/ml
Carisoprodol	5.720	476714	488147.96	67.4	552.81	369638	45.6994 ng/ml
Chlordiazepoxide	5.834	274172	7526.37	133.8	2581.21	633594	55.5526 ng/ml
Chlorpheniramine	5.124	1744635	8725.03	0.3	132.34	1554715	48.3926 ng/ml
Citalopram	5.231	820568	11899.83	38.7	296174.55	641013	48.3653 ng/ml
Clonazepam	5.607	580986	18460.39	34.7	∞	163696	53.8729 ng/ml
Clonazolam	5.551	451812	6242.10	36.3	211234.93	163696	53.2306 ng/ml
Cocaine	4.271	609917	629.07	56.3	21644.27	1102423	49.1545 ng/ml
Codeine	2.586	79033	162.91	106.5	805.74	85469	56.3700 ng/ml
Cyclobenzaprine	5.631	938092	33209.95	7.0	263.22	709650	46.9464 ng/ml
Dextromethorphan	5.275	495501	17236.95	79.6	10969.11	446370	49.6626 ng/ml
Dextrorphan	4.124	299259	1021.71	206.4	978.37	613739	48.5525 ng/ml
Diazepam	5.944	348761	520.88	88.8	7122.24	312370	51.3145 ng/ml
Dihydrocodeine	2.565	211640	7241.97	62.8	8365.01	254489	53.6571 ng/ml
Diphenhydramine	5.303	2195517	4385.94	32.9	38361.82	2102177	47.1038 ng/ml
DMT	2.858	122110	2064.19	133.8	17263.93	446370	48.2091 ng/ml
Doxylamine	4.538	2020671	3078.17	96.6	81945.87	1802135	50.3618 ng/ml
Duloxetine	5.657	82321	1496.15	15.2	1595.51	82807	50.3209 ng/ml
EDDP	5.268	1083778	580.76	42.8	626.05	1033314	47.8486 ng/ml
Etizolam	5.803	279928	8683.84	26.4	9301.11	163696	45.4201 ng/ml
Fentanyl	5.101	93165	695.46	68.3	167.63	874789	5.2437 ng/ml
Flualprazolam	5.701	250848	3848.66	98.0	88855.04	413075	54.8528 ng/ml
Fluorofentanyl	5.155	216289	3852.82	42.7	35217.70	8255	4.5249 ng/ml
Fluoxetine	5.710	1025018	85126.17	7.6	68548.16	651026	46.7013 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	369162	208.63	34.3	1288.16	358463	53.2905 ng/ml
Hydromorphone	1.622	295535	5246.69	72.8	719426.18	176443	49.2258 ng/ml
Hydroxyzine	5.700	917898	1608.62	75.3	1283.08	446370	45.9910 ng/ml
Ketamine	4.050	615248	16343.29	37.4	3893.44	526138	53.4377 ng/ml
Lamotrigine	4.281	66051	2384.44	80.2	8695.14	1470723	52.7535 ng/ml
Lorazepam	5.743	314013	1158.99	51.3	854.04	444223	52.0633 ng/ml
MDA	3.205	1067274	9510.83	36.3	998.25	728686	52.9166 ng/ml
MDMA	3.298	599436	118121.97	113.4	1785.17	139275	49.4878 ng/ml
Meprobamate	4.908	431904	1011.95	28.8	24452.66	406730	50.6781 ng/ml
Methadone	5.662	1728167	8242.40	46.9	1343.98	1288360	47.8720 ng/ml
Methamphetamine	3.226	1573641	695.19	35.9	1128.27	1251851	52.9037 ng/ml
Metoprolol	4.334	184595	152282.24	104.2	3171.21	1560405	51.5670 ng/ml
Mirtazapine	4.620	1465181	47505.80	50.0	453.64	736988	48.4657 ng/ml
Mitragynine	5.229	371874	22088.80	36.9	158117.55	1288360	49.9605 ng/ml
Morphine	1.261	41281	4241.82	56.5	1111.28	13830	50.3851 ng/ml
Norbuprenorphine	5.004	3121	4704.91	121.1	295.41	30495	4.4398 ng/ml
Nordiazepam	5.883	388469	16481.22	58.7	3479.94	238912	50.9139 ng/ml
Norfentanyl	4.091	155035	350.08	37.3	136.75	1161000	4.5853 ng/ml
Norhydrocodone	3.074	66132	281.32	41.5	164.35	87074	45.5990 ng/ml
Noroxycodone	2.917	360190	812.72	45.4	1706.24	241250	47.9596 ng/ml
O-desmethyl-tramadol	3.379	1545356	59651.83	5.8	3861.68	1662768	47.9158 ng/ml
o-desmethylvenlafaxine	4.076	2243436	34042.01	17.6	2625.34	354981	46.6351 ng/ml
Olanzapine	4.427	270998	4028.75	59.4	2966.26	135054	47.2331 ng/ml
Oxazepam	5.746	548495	518.72	71.2	7798.97	444223	54.3188 ng/ml
Oxycodone	2.842	765741	4090.15	27.2	1024.63	567348	52.7820 ng/ml
Oxymorphone	1.418	390664	∞	41.8	∞	257934	50.8855 ng/ml
Phentermine	3.780	390899	877.08	6.9	518.09	848799	52.4171 ng/ml
Promethazine	5.547	1549577	1845.77	30.9	774.36	1318773	46.8347 ng/ml
Pseudoephedrine	2.589	1564950	33478.74	19.0	453.93	1470723	46.8612 ng/ml
Quetiapine	5.543	884438	17270.39	61.1	510.45	298308	52.5616 ng/ml
Sertraline	5.779	361075	602.18	103.3	1219.93	318148	48.0093 ng/ml
Temazepam	5.813	1110447	10490.59	25.4	320.08	989033	52.0097 ng/ml
Tramadol	4.253	1527569	∞	3.4	136.01	1560405	52.3366 ng/ml
Trazodone	5.107	1077653	298.97	70.6	43256.36	769644	53.1938 ng/ml
Venlafaxine	5.049	1471171	21650.12	35.9	766.70	1516282	46.4457 ng/ml
Zolpidem	4.877	1601130	1975.33	27.5	6427.14	1195103	52.2942 ng/ml

TS

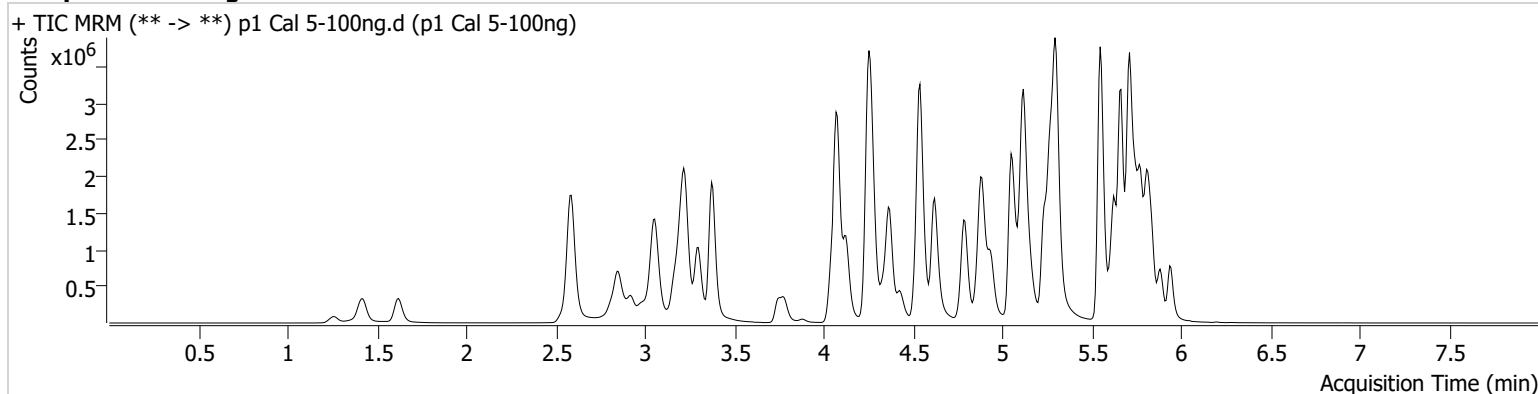


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 11/14/2022 5:06:29 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	33441	425.15	74.3	5277.47	96478	9.8645 ng/ml
7-aminoclonazepam	4.258	483260	5637.89	78.9	57964.20	216557	101.5541 ng/ml
a-hydroxyalprazolam	5.688	201502	1085.88	66.5	106.17	840432	101.2394 ng/ml
alpha-PHP	4.935	551679	2974.66	250.8	10373.70	741104	98.9250 ng/ml
alpha-PVP	4.370	2051745	2967.38	52.6	32318.93	741104	97.9745 ng/ml
Alprazolam	5.765	888822	1556.24	115.9	828.81	371660	100.0802 ng/ml
Amphetamine	3.057	2758955	746.19	47.8	943.63	529324	98.9915 ng/ml
Benzoylecgonine	3.877	41638	∞	8.8	103.62	15064	97.8434 ng/ml
Buprenorphine	5.748	44823	4926.72	15.3	8821.76	167014	9.4344 ng/ml
Bupropion	4.792	2082162	109736.70	66.4	19221.11	681427	102.6644 ng/ml
Carisoprodol	5.720	791533	703.14	63.5	386.50	292970	94.7939 ng/ml
Chlordiazepoxide	5.834	490985	7516.55	137.4	4052.84	596018	106.9459 ng/ml
Chlorpheniramine	5.124	3571986	16126.55	0.3	220.27	1555781	98.9254 ng/ml
Citalopram	5.231	1649000	33873.25	37.0	8134.80	610748	101.7800 ng/ml
Clonazepam	5.607	1022773	57688.89	34.5	563054.72	147837	105.9729 ng/ml
Clonazolam	5.558	770607	96092.93	36.6	415285.84	147837	101.6821 ng/ml
Cocaine	4.271	1194541	1092.48	56.7	1648.95	1067986	99.3395 ng/ml
Codeine	2.586	149967	506.62	102.2	9194.39	83372	111.2794 ng/ml
Cyclobenzaprine	5.631	1909891	1119.28	6.8	156.11	700456	96.3896 ng/ml
Dextromethorphan	5.275	952572	13709.84	79.2	1039.06	426491	99.9426 ng/ml
Dextrorphan	4.124	599798	17060.60	209.6	4697.79	601720	99.1809 ng/ml
Diazepam	5.944	669004	939.61	91.5	672.56	302187	101.9475 ng/ml
Dihydrocodeine	2.565	419499	9351.18	61.3	46697.64	259887	104.9758 ng/ml
Diphenhydramine	5.303	4426507	585586.42	32.5	114109.35	2019740	98.5035 ng/ml
DMT	2.858	240678	4920.70	136.8	28643.30	426491	99.0241 ng/ml
Doxylamine	4.538	4218818	73150.89	96.0	4132.76	1803559	105.0830 ng/ml
Duloxetine	5.657	158479	5180.87	15.7	863.44	78441	102.6880 ng/ml
EDDP	5.268	2121834	176382.94	43.4	35659.47	987297	97.7383 ng/ml
Etizolam	5.810	541176	9260.60	25.7	224732.09	147837	96.3117 ng/ml
Fentanyl	5.101	184945	445.03	70.0	196719.02	881321	10.3928 ng/ml
Flualprazolam	5.701	433383	6526.28	98.7	50923.75	371660	106.7793 ng/ml
Fluorofentanyl	5.155	446584	∞	43.1	6223.35	8140	9.4141 ng/ml
Fluoxetine	5.717	1867544	42443.23	7.6	588.11	571575	95.9674 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	705537	206.51	34.6	202.93	356289	103.5740 ng/ml
Hydromorphone	1.622	584132	4071.02	72.8	1898574.73	171791	99.9399 ng/ml
Hydroxyzine	5.700	1823293	25571.34	77.7	1876.87	426491	94.9578 ng/ml
Ketamine	4.050	1244703	39756.45	36.3	823.08	533908	107.5338 ng/ml
Lamotrigine	4.281	123620	767.21	82.3	26864.48	1407238	104.0348 ng/ml
Lorazepam	5.743	454697	12697.20	50.8	433.77	341399	98.8725 ng/ml
MDA	3.205	1878299	8638.09	36.0	1181.48	677859	100.9033 ng/ml
MDMA	3.298	1200666	5086.00	114.1	5330.42	137422	100.5987 ng/ml
Meprobamate	4.908	778597	35770.52	27.9	812.46	364241	102.6343 ng/ml
Methadone	5.662	3503450	5893.71	45.9	33091.15	1239429	100.5033 ng/ml
Methamphetamine	3.226	3199245	1193.18	35.3	2974.27	1281001	106.2777 ng/ml
Metoprolol	4.334	370876	274807.96	103.6	5044.06	1588636	102.3858 ng/ml
Mirtazapine	4.620	2980206	98297.02	50.1	1819.20	741104	97.6416 ng/ml
Mitragynine	5.229	737474	185876.68	37.5	230989.29	1239429	103.2241 ng/ml
Morphine	1.261	82214	223.72	55.4	272.32	13601	101.9359 ng/ml
Norbuprenorphine	5.004	7182	2147.82	98.5	6782.59	30370	10.4693 ng/ml
Nordiazepam	5.883	722846	560.65	58.3	9074.10	218731	103.8245 ng/ml
Norfentanyl	4.091	302860	16337.57	37.4	3642.12	1074685	9.6101 ng/ml
Norhydrocodone	3.074	121956	202.01	40.6	108.60	77228	93.7247 ng/ml
Noroxycodone	2.917	660933	881.46	44.9	13113.18	218650	96.4277 ng/ml
O-desmethyl-tramadol	3.379	3176738	119008.95	5.7	9681.78	1668377	97.8446 ng/ml
o-desmethylvenlafaxine	4.076	4535356	249322.63	17.3	4368.89	346471	95.9905 ng/ml
Olanzapine	4.427	546970	1370.63	59.6	1792.86	130998	97.7385 ng/ml
Oxazepam	5.746	821920	7112.81	73.5	7093.34	341399	106.4281 ng/ml
Oxycodone	2.842	1501132	7064.18	26.8	4752.34	559908	105.6890 ng/ml
Oxymorphone	1.418	741981	∞	43.5	∞	247105	100.9251 ng/ml
Phentermine	3.780	748687	8647.42	6.9	918.65	852469	100.8113 ng/ml
Promethazine	5.547	3225681	1431.66	30.6	974.28	1303945	98.0668 ng/ml
Pseudoephedrine	2.589	3089592	47720.30	18.9	43062.50	1407238	96.1556 ng/ml
Quetiapine	5.543	1695805	61490.93	62.1	1071.59	308056	98.4530 ng/ml
Sertraline	5.779	709934	4036.93	99.8	1078.81	302239	99.1166 ng/ml
Temazepam	5.813	1880053	1145.08	25.6	1850.07	840432	103.8752 ng/ml
Tramadol	4.253	3040991	2462.66	3.4	268.68	1588636	102.8350 ng/ml
Trazodone	5.107	2114052	100302.09	70.2	476.65	769638	105.2418 ng/ml
Venlafaxine	5.049	3071862	256639.68	34.8	605.63	1515963	96.4126 ng/ml
Zolpidem	4.877	3230677	6659.44	27.6	3616.97	1219197	103.8468 ng/ml

TS

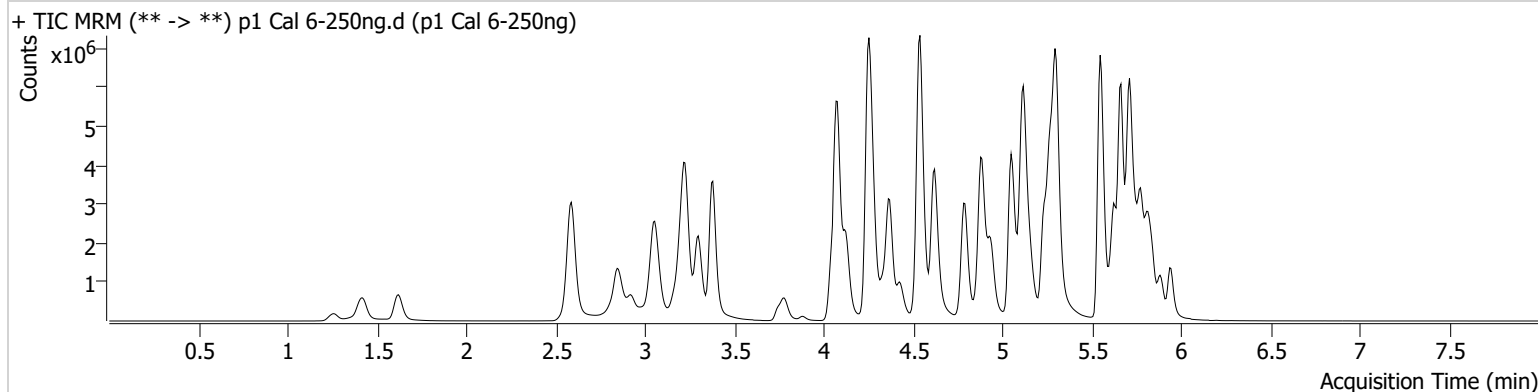


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 5:17:05 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	82813	4887.32	69.1	259660.51	93021	25.2933 ng/ml
7-aminoclonazepam	4.258	845154	18795.28	78.7	15265.00	174551	221.0540 ng/ml
a-hydroxyalprazolam	5.688	291875	816.32	67.7	231.36	485406	255.2349 ng/ml
alpha-PHP	4.935	1282303	16146.96	251.1	12602.59	674266	252.8569 ng/ml
alpha-PVP	4.370	4801007	∞	52.2	68370.14	674266	251.6145 ng/ml
Alprazolam	5.765	1715021	1814.05	116.2	980.87	282298	253.9317 ng/ml
Amphetamine	3.057	5301265	114208.45	47.6	25071.61	489592	206.9990 ng/ml
Benzoylecgonine	3.877	107459	522.00	8.5	372.21	14822	257.8833 ng/ml
Buprenorphine	5.748	102598	24630.52	15.3	16671.65	138878	25.8453 ng/ml
Bupropion	4.792	4948758	1195329.64	64.9	14532.11	653950	254.6295 ng/ml
Carisoprodol	5.727	1161320	141352.32	65.6	371.49	161138	251.4302 ng/ml
Chlordiazepoxide	5.841	841289	10850.02	148.1	9619.30	453077	242.7139 ng/ml
Chlorpheniramine	5.117	8484026	40648.92	0.3	618.03	1423410	256.6823 ng/ml
Citalopram	5.231	3436954	129129.98	37.6	393306.31	518145	249.7469 ng/ml
Clonazepam	5.607	1705956	79500.19	34.4	1159.21	111270	236.0791 ng/ml
Clonazolam	5.558	1214605	111478.02	36.8	688.71	111270	214.3561 ng/ml
Cocaine	4.271	2625196	51923.04	56.1	608442.50	933202	249.7939 ng/ml
Codeine	2.586	281735	4846.20	98.6	6345.53	71458	245.9608 ng/ml
Cyclobenzaprine	5.631	4142238	48503.90	6.5	188.43	569820	256.2830 ng/ml
Dextromethorphan	5.275	1882083	46813.63	78.5	745.43	338054	249.1520 ng/ml
Dextrorphan	4.124	1353584	2011.08	212.0	62820.81	542158	248.3062 ng/ml
Diazepam	5.944	1397825	16945.11	90.3	813.31	257816	249.9611 ng/ml
Dihydrocodeine	2.558	905978	12198.55	61.8	541.19	251042	235.7903 ng/ml
Diphenhydramine	5.303	9756151	1539.08	32.4	62374.58	1686819	259.4447 ng/ml
DMT	2.858	542201	12789.38	142.4	65779.20	338054	280.7065 ng/ml
Doxylamine	4.538	10353584	3942.03	95.0	547481.41	1725915	269.5178 ng/ml
Duloxetine	5.657	278328	1305.88	15.5	44852.50	55681	254.6606 ng/ml
EDDP	5.268	4958463	131981.69	41.9	63056.58	892084	252.3165 ng/ml
Etizolam	5.810	1084711	3584.17	26.5	9876.28	111270	255.1452 ng/ml
Fentanyl	5.094	418825	1017.75	67.0	511.53	808405	25.7497 ng/ml
Flualprazolam	5.701	733656	464.01	98.0	37435.36	282298	239.9207 ng/ml
Fluorofentanyl	5.155	1088939	25281.02	42.5	65617.09	6965	26.7235 ng/ml
Fluoxetine	5.717	3335147	169322.89	7.5	4740.32	390711	249.2963 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	1552444	3671.67	35.3	865.31	331608	246.4959 ng/ml
Hydromorphone	1.622	1346645	7984402.27	73.1	5194.49	158819	249.2315 ng/ml
Hydroxyzine	5.700	3972540	1997.76	76.4	1689.19	338054	259.9522 ng/ml
Ketamine	4.050	2766685	49683.92	36.0	10402.27	502278	255.4427 ng/ml
Lamotrigine	4.287	241933	3043.43	82.2	708.83	1173293	245.3958 ng/ml
Lorazepam	5.743	522512	7663.54	52.2	1822.89	183531	212.3508 ng/ml
MDA	3.198	3328964	14837.53	35.6	2567.72	558467	218.0882 ng/ml
MDMA	3.298	2707978	8487.96	113.8	5597.60	121587	256.6459 ng/ml
Meprobamate	4.908	1362834	51687.38	28.3	383.36	275453	238.3587 ng/ml
Methadone	5.662	7989861	252977.96	44.8	1671.15	1084923	261.2996 ng/ml
Methamphetamine	3.226	7302428	3025.14	34.6	44035.53	1278716	244.5437 ng/ml
Metoprolol	4.334	788438	801.67	105.3	6322.22	1389011	249.8565 ng/ml
Mirtazapine	4.620	7077278	1311.71	49.3	6078.85	674266	254.2452 ng/ml
Mitragynine	5.229	1569512	237405.51	37.5	540986.09	1084923	251.2865 ng/ml
Morphine	1.261	195593	5708.39	55.9	115.59	12826	257.0189 ng/ml
Norbuprenorphine	5.004	16985	18712.93	101.5	6009.62	29570	255.6600 ng/ml
Nordiazepam	5.883	1341540	∞	58.1	1435.02	166125	254.1910 ng/ml
Norfentanyl	4.091	629444	13288.51	37.8	3805.63	827642	25.8327 ng/ml
Norhydrocodone	3.074	264332	832.13	41.4	∞	61898	251.7407 ng/ml
Noroxycodone	2.917	1260514	3694.02	43.4	538.93	165207	242.3966 ng/ml
O-desmethyl-tramadol	3.379	7642580	184840.32	5.6	452.08	1523062	257.3488 ng/ml
o-desmethylvenlafaxine	4.076	10401334	240492.46	17.0	13749.91	298262	254.7884 ng/ml
Olanzapine	4.427	1300768	13090.76	60.1	4702.83	118481	256.1674 ng/ml
Oxazepam	5.746	994825	5279.32	75.7	4636.10	183531	240.3016 ng/ml
Oxycodone	2.842	3217305	3274.23	26.8	2173.35	527470	241.5366 ng/ml
Oxymorphone	1.418	1612971	∞	42.4	∞	217045	249.8500 ng/ml
Phentermine	3.780	1551201	3384.15	6.8	1976.32	815099	219.5391 ng/ml
Promethazine	5.547	7248636	5256.31	29.7	41252.45	1112723	257.4522 ng/ml
Pseudoephedrine	2.589	6765725	5474.11	18.4	113696.71	1173293	251.7345 ng/ml
Quetiapine	5.543	3499244	257300.34	61.3	1346.48	278757	225.7957 ng/ml
Sertraline	5.779	1341105	32229.91	103.1	19972.72	229263	246.4917 ng/ml
Temazepam	5.813	2658674	105971.29	26.1	3157.35	485406	254.6992 ng/ml
Tramadol	4.246	7037615	2571.52	3.5	320.12	1389011	273.0470 ng/ml
Trazodone	5.107	4396625	153890.22	72.3	110207.52	677208	250.0075 ng/ml
Venlafaxine	5.049	7312353	70710.58	34.0	38977.15	1362919	254.3846 ng/ml
Zolpidem	4.877	7925565	222907.56	26.3	4793.97	1180840	263.6857 ng/ml

TS

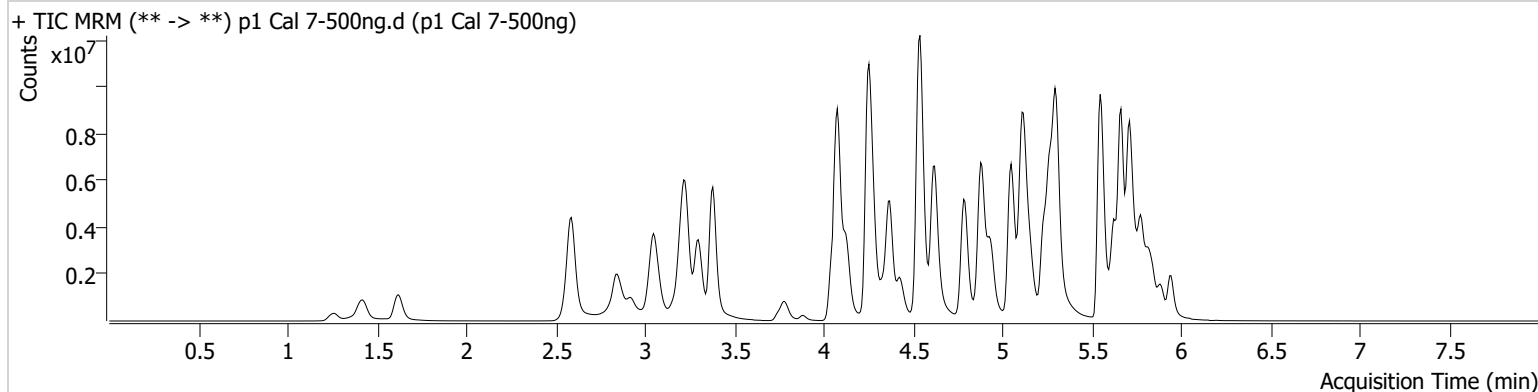


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng.d
Type Cal **Sample** p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-G1 **Comment**
Injection Volume 2
Acq. Date-Time 11/14/2022 5:27:41 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	154087	818.35	71.5	339811.82	84303	51.8995 ng/ml
7-aminoclonazepam	4.258	1036592	263.15	79.3	220.58	128650	368.2648 ng/ml
a-hydroxyalprazolam	5.681	300175	∞	69.2	232.71	260161	490.5702 ng/ml
alpha-PHP	4.935	2233187	7753.69	253.8	14476.55	579151	512.7654 ng/ml
alpha-PVP	4.370	8593133	2013.73	51.4	3022.75	579151	524.0638 ng/ml
Alprazolam	5.765	2484110	706.78	114.7	288.76	204440	507.6797 ng/ml
Amphetamine	3.050	7884817	128854.24	46.6	279.78	470624	320.9749 ng/ml
Benzoylcegonine	3.884	224901	16365.74	8.5	2924.45	15463	518.1035 ng/ml
Buprenorphine	5.748	174692	1371.65	14.9	18095.29	114709	53.2032 ng/ml
Bupropion	4.785	9011439	2089464.12	65.2	86335.29	607807	499.1085 ng/ml
Carisoprodol	5.727	1331720	363.37	63.8	20371.71	86087	538.6986 ng/ml
Chlordiazepoxide	5.841	1118523	14055.85	159.7	9332.31	320485	457.3630 ng/ml
Chlorpheniramine	5.117	14945713	21087.93	0.3	355.44	1227346	524.3271 ng/ml
Citalopram	5.231	5276275	815.17	36.8	33160.62	373234	532.0253 ng/ml
Clonazepam	5.607	2098310	18903.42	34.9	1471.79	76039	425.7240 ng/ml
Clonazolam	5.564	1398071	454512.81	37.1	328114.02	76039	361.9419 ng/ml
Cocaine	4.271	4352249	1900.96	56.2	711.32	767018	503.8179 ng/ml
Codeine	2.586	422018	15535.11	101.9	11433.55	61676	428.1336 ng/ml
Cyclobenzaprine	5.631	6649644	3690146.36	6.2	137.61	441126	530.9954 ng/ml
Dextromethorphan	5.275	2798701	926.49	78.8	5184.54	245664	509.8527 ng/ml
Dextrorphan	4.124	2380808	175577.94	210.7	3038.01	455459	519.8013 ng/ml
Diazepam	5.944	2256011	510.79	88.4	∞	206106	504.8409 ng/ml
Dihydrocodeine	2.558	1584901	20909.96	61.8	71998.12	245113	423.1623 ng/ml
Diphenhydramine	5.303	15785639	1167.54	32.5	2017.41	1319847	536.1728 ng/ml
DMT	2.858	942718	31331.43	148.0	1148.29	245664	671.0587 ng/ml
Doxylamine	4.538	18679938	332136.66	95.5	9529.81	1661734	505.0604 ng/ml
Duloxetine	5.650	340588	7413.35	15.9	2456.46	35102	494.7091 ng/ml
EDDP	5.268	8439147	141132.13	41.8	132720.00	749060	511.1304 ng/ml
Etizolam	5.810	1736162	11859.26	25.5	4877.69	76039	596.5138 ng/ml
Fentanyl	5.094	664934	43116.69	71.2	46365.96	702883	47.0695 ng/ml
Flualprazolam	5.694	888533	446.22	101.0	688396.21	204440	402.2879 ng/ml
Fluorofentanyl	5.155	2032232	36555.37	43.2	35949.85	5847	59.3391 ng/ml
Fluoxetine	5.717	4485609	148537.34	7.6	3044.82	249007	525.1173 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	2701283	∞	35.1	∞	310273	459.4295 ng/ml
Hydromorphone	1.622	2455270	13388501.60	72.2	7509843.35	141861	508.7385 ng/ml
Hydroxyzine	5.700	6464675	87216.07	77.5	2488.76	245664	581.3734 ng/ml
Ketamine	4.050	4715651	173100.16	35.2	29690.88	467059	469.0543 ng/ml
Lamotrigine	4.287	346977	11393.87	80.6	828.40	914734	452.1682 ng/ml
Lorazepam	5.743	514803	31909.45	52.2	1622.08	84714	454.2644 ng/ml
MDA	3.198	4445596	31890.32	34.9	13410.10	444401	366.5984 ng/ml
MDMA	3.298	4580005	125587.63	112.6	56869.09	103389	510.5995 ng/ml
Meprobamate	4.908	1783816	2210.99	28.2	1901.33	176037	488.8217 ng/ml
Methadone	5.662	13078772	118565.91	46.0	58644.34	889153	521.5623 ng/ml
Methamphetamine	3.226	12496644	72972.67	33.9	105223.13	1267013	423.2157 ng/ml
Metoprolol	4.334	1244904	4852.33	105.1	3012.59	1241226	441.9731 ng/ml
Mirtazapine	4.620	12698483	210474.69	48.4	5679.52	579151	530.6854 ng/ml
Mitragynine	5.229	2513812	135119.69	38.6	5177.95	889153	491.2997 ng/ml
Morphine	1.261	350848	∞	58.2	6991.98	12144	486.8570 ng/ml
Norbuprenorphine	5.004	31331	10592.88	102.7	∞	28709	48.8981 ng/ml
Nordiazepam	5.890	1820238	18387.35	58.8	110261.26	117388	488.3929 ng/ml
Norfentanyl	4.091	980359	22400.70	37.9	6176.24	569310	58.4155 ng/ml
Norhydrocodone	3.074	478980	∞	39.7	∞	50955	552.9142 ng/ml
Noroxycodone	2.917	1878030	19010.06	45.1	∞	121873	488.8867 ng/ml
O-desmethyl-tramadol	3.379	14016471	∞	5.5	12492.50	1367290	525.4269 ng/ml
o-desmethylvenlafaxine	4.076	17870068	200844.66	16.7	1030.40	243761	534.9918 ng/ml
Olanzapine	4.427	2582183	18316.73	61.4	1960.76	115876	519.4369 ng/ml
Oxazepam	5.746	923420	637.59	73.5	10318.18	84714	483.7901 ng/ml
Oxycodone	2.835	5314668	∞	26.8	8021.37	486202	433.5358 ng/ml
Oxymorphone	1.418	2858139	∞	40.7	1379.50	186044	516.5465 ng/ml
Phentermine	3.780	2516884	∞	6.7	16630.00	774435	375.5770 ng/ml
Promethazine	5.547	12407256	5886.27	29.2	3301.79	906491	540.3947 ng/ml
Pseudoephedrine	2.589	11002487	183915.73	18.3	7134.62	914734	524.5416 ng/ml
Quetiapine	5.543	5242272	131028.30	60.8	82162.17	262901	359.2616 ng/ml
Sertraline	5.779	1938401	2148.25	101.9	∞	161878	504.3372 ng/ml
Temazepam	5.813	2686800	55748.84	26.5	4358.08	260161	480.4666 ng/ml
Tramadol	4.246	11435520	1070.40	3.5	720.94	1241226	496.9303 ng/ml
Trazodone	5.100	6756026	1377.85	75.0	79489.99	544469	478.6726 ng/ml
Venlafaxine	5.049	13160732	79315.94	33.0	1663.22	1163463	535.7301 ng/ml
Zolpidem	4.877	14080547	679832.36	26.3	7612.32	1112121	497.7875 ng/ml

TS

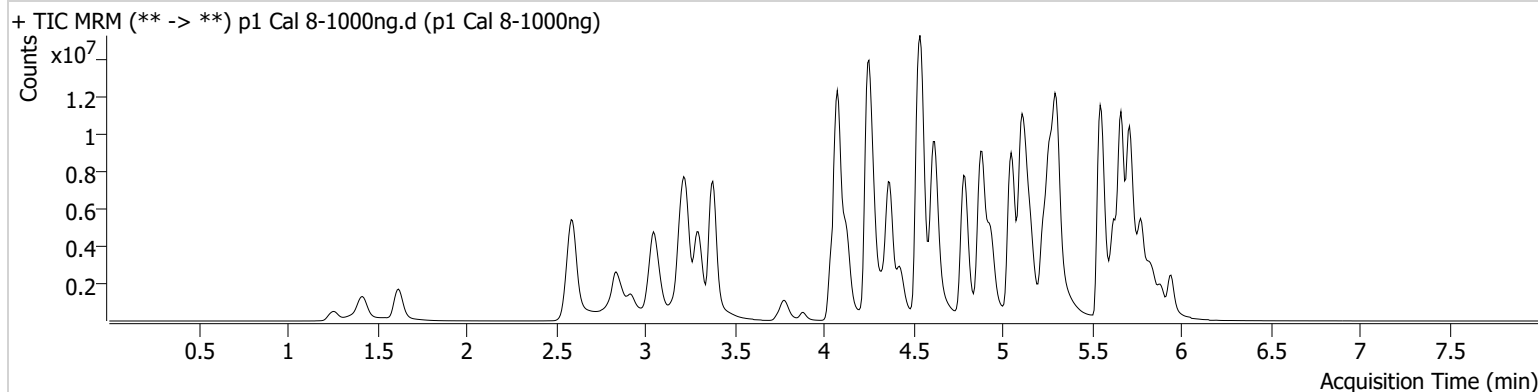


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\111422 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/15/2022 2:35:39 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2022 5:38:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	277402	3294.45	69.7	3271.12	78468	100.3555 ng/ml
7-aminoclonazepam	4.258	901204	78.79	80.3	149.10	74159	555.7250 ng/ml
a-hydroxyalprazolam	5.681	253103	65.71	66.0	57.65	114387	941.5902 ng/ml
alpha-PHP	4.935	3462739	8356.01	258.0	101586.19	459479	1002.2427 ng/ml
alpha-PVP	4.370	13541021	2877.47	52.0	101586.27	459479	1040.6716 ng/ml
Alprazolam	5.765	3204076	∞	111.9	269.30	127876	1046.6773 ng/ml
Amphetamine	3.057	10220238	232472.09	46.2	59672.02	395489	495.7666 ng/ml
Benzoylecgonine	3.884	451272	25545.53	8.3	3496.92	15639	1028.6246 ng/ml
Buprenorphine	5.748	247109	16168.50	15.6	35227.06	79744	108.1837 ng/ml
Bupropion	4.785	14547842	205689.74	65.0	129104.21	512233	956.3166 ng/ml
Carisoprodol	5.727	1379759	221455.55	63.2	318.00	42165	1138.5681 ng/ml
Chlordiazepoxide	5.841	1304247	14010.57	166.8	57805.92	208545	820.6088 ng/ml
Chlorpheniramine	5.124	22115825	178099.10	0.3	2737.67	943196	1009.5340 ng/ml
Citalopram	5.231	6450792	∞	37.3	548988.89	245848	987.3093 ng/ml
Clonazepam	5.607	2177693	10387.59	34.7	16863.66	45744	735.1754 ng/ml
Clonazolam	5.571	1400523	130030.60	38.1	7765.22	45744	603.5640 ng/ml
Cocaine	4.271	6522590	1326.55	55.1	415.91	556287	1041.0494 ng/ml
Codeine	2.593	576275	∞	102.6	11456.81	44501	811.7963 ng/ml
Cyclobenzaprine	5.631	8930131	1977.41	6.1	560.56	297149	1058.2009 ng/ml
Dextromethorphan	5.275	3443496	5083.23	77.9	334761.38	152975	1007.4327 ng/ml
Dextrorphan	4.124	3655839	1924.65	215.6	3394.71	349237	1040.8742 ng/ml
Diazepam	5.944	3136712	274.08	87.5	293.56	154679	935.4668 ng/ml
Dihydrocodeine	2.558	2366263	∞	62.0	24154.84	223697	692.8294 ng/ml
Diphenhydramine	5.303	20952638	1321.46	34.5	720.59	922078	1018.3986 ng/ml
DMT	2.858	1459054	3985.99	152.0	8028.82	152975	1667.3085 ng/ml
Doxylamine	4.538	27101971	203841.65	96.6	12546.87	1414009	861.1612 ng/ml
Duloxetine	5.650	296569	730.56	16.0	667.07	16098	939.6953 ng/ml
EDDP	5.268	13968383	92343.42	41.0	331850.43	592763	1068.7723 ng/ml
Etizolam	5.810	2332799	54169.79	26.1	14754.97	45744	1331.3313 ng/ml
Fentanyl	5.094	953335	35480.41	72.7	983.43	535974	88.5555 ng/ml
Flualprazolam	5.701	954951	6840.77	103.2	8363.28	127876	692.3641 ng/ml
Fluorofentanyl	5.155	3435701	73920.40	43.5	20950.48	4105	142.8251 ng/ml
Fluoxetine	5.717	5273640	73146.13	7.4	86265.27	136768	1123.0148 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	4482385	∞	33.5	∞	268519	881.9981 ng/ml
Hydromorphone	1.622	4051552	7900838.04	72.9	5350287.46	118334	1006.4109 ng/ml
Hydroxyzine	5.700	8868802	316127.55	76.7	12671.23	152975	1280.1057 ng/ml
Ketamine	4.043	6869655	4260243.64	36.0	1481.46	386094	827.3631 ng/ml
Lamotrigine	4.294	393262	904.89	84.0	29424.04	632420	741.8272 ng/ml
Lorazepam	5.743	524102	16467.84	51.1	2018.80	36692	1068.9328 ng/ml
MDA	3.191	5454843	1783.70	34.8	25126.96	310034	645.4494 ng/ml
MDMA	3.298	6640045	125762.99	115.4	16727.78	78321	977.3204 ng/ml
Meprobamate	4.908	1996561	215781.00	27.5	17194.52	97346	990.0163 ng/ml
Methadone	5.662	17813754	2474.48	49.4	106756.62	639103	988.0206 ng/ml
Methamphetamine	3.227	17704120	292588.78	33.1	3700.80	1182336	643.1295 ng/ml
Metoprolol	4.327	1654098	818441.63	104.2	2032.07	1018773	715.8706 ng/ml
Mirtazapine	4.621	19660636	96896.16	49.5	227366.13	459479	1035.2765 ng/ml
Mitragynine	5.229	3534088	68188.48	38.1	121543.03	639103	961.1514 ng/ml
Morphine	1.261	584517	∞	55.9	∞	10464	941.2105 ng/ml
Norbuprenorphine	5.004	52821	342.66	97.0	1082.38	23592	100.4878 ng/ml
Nordiazepam	5.890	2260180	∞	58.6	21571.93	76117	935.5490 ng/ml
Norfentanyl	4.091	1244201	937.97	37.6	7842.89	252781	166.8584 ng/ml
Norhydrocodone	3.074	801272	158.69	41.5	144.25	42272	1113.9353 ng/ml
Noroxycodone	2.917	2570010	46040.24	44.4	12202.25	79541	1024.3593 ng/ml
O-desmethyl-tramadol	3.380	21392330	∞	5.7	21642.68	1074098	1020.5276 ng/ml
o-desmethylvenlafaxine	4.076	26099964	275587.18	16.8	98323.70	175735	1083.2665 ng/ml
Olanzapine	4.427	4191615	20692.36	61.9	5130.62	92122	1060.0884 ng/ml
Oxazepam	5.746	758260	17190.65	75.2	6396.68	36692	917.6779 ng/ml
Oxycodone	2.828	7838544	∞	26.8	367.46	411044	756.9687 ng/ml
Oxymorphone	1.418	4316685	∞	42.1	351.72	150419	964.9534 ng/ml
Phentermine	3.780	3797335	∞	6.5	3989.39	693439	633.4780 ng/ml
Promethazine	5.547	17153289	131333.44	30.1	102494.38	654888	1033.6970 ng/ml
Pseudoephedrine	2.596	15954400	84104.42	18.0	62391.24	632420	1099.6168 ng/ml
Quetiapine	5.536	6785600	120502.01	61.0	596151.03	220226	555.6888 ng/ml
Sertraline	5.779	2162397	37849.20	100.5	278165.66	84956	1071.7692 ng/ml
Temazepam	5.813	2280137	23677.82	28.0	4415.09	114387	927.6022 ng/ml
Tramadol	4.246	16349363	655.43	3.2	∞	1018773	865.9799 ng/ml
Trazodone	5.100	8792336	1188.48	75.3	49030.33	376542	901.5805 ng/ml
Venlafaxine	5.053	19630529	8097.76	33.8	2024.74	882528	1052.9476 ng/ml
Zolpidem	4.877	20967222	565244.72	27.9	119876.25	991943	831.3408 ng/ml