

REVIEWED
By Sarah Collins at 1:20 pm, Jul 24, 2023

TS

7/17/2023

Worklist: 6434

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-2187	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2223	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2314	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2350	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2368	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2382	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2421	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2470	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2483	5	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2497	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2538	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2626	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2649	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2757	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2759	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2773	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0796	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1497	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1520	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1596	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1675	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6434

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2023-1788	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1789	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1796	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1831	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1835	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1867	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1879	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1885	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1892	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1893	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1904	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1920	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1923	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1931	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1932	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1933	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1934	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1945	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1985	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

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Extraction Date: 07/19/2023

Plate lot#: 230117

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

Blank Blood Lot: Lampire 23A52594

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

Analyst: Tamara Salazar

Plate Retest Date: 07/17/2023—external control ran

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. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS:

Curves Limited:

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

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

Buprenorphine 5-100 -- calibrators 1, 2, and 3 dropped due to ratio and S/N--**Qualitative only**

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

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

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

TS

Flualprazolam 5-500 -- calibrator 8 dropped due to accuracy
Hydroxyzine 5-500 -- calibrator 8 dropped due to accuracy
MDA 5-500 -- calibrator 8 dropped due to accuracy
Meprobamate 5-250 -- calibrator 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
Norbuprenorphine 1-100 -- calibrator 1 dropped due to ratio
Norfentanyl 0.5-50-- calibrator 8 dropped due to accuracy
Oxycodone 5-500 -- calibrator 8 dropped due to accuracy
Phentermine 5-500 -- calibrator 8 dropped due to accuracy
Quetiapine 5-500 -- calibrator 8 dropped due to accuracy

Morphine QC 100 accuracy out---**qualitative only**

Chlordiazepoxide and DMT not evaluated due to ratios.

Dihydrocodeine not evaluated due to positive response in external control.

Duloxetine, fluoxetine and sertraline not evaluated due to response in the negative control.

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A							P2023-1923-1	P2023-1835-1	P2023-1497-1	M2023-2497-3	M2023-2223-2	IS + Cal. 8
B						External Ctrl	P2023-1920-1	P2023-1831-1	P2023-0796-2	M2023-2483-5	M2023-2187-1	IS + Cal. 7
C						P2023-1985-1	P2023-1904-1	P2023-1796-1	M2023-2773-2	M2023-2470-1	Neg Blood	IS + Cal. 6
D						P2023-1945-1	P2023-1893-1	P2023-1789-1	M2023-2759-2	M2023-2421-1	IS + QC_2	IS + Cal. 5
E						P2023-1934-1	P2023-1892-1	P2023-1788-2	M2023-2757-2	M2023-2382-1	IS + QC_4	IS + Cal. 4
F						P2023-1933-1	P2023-1885-1	P2023-1675-1	M2023-2649-1	M2023-2368-1	IS + QC_3	IS + Cal. 3
G						P2023-1932-1	P2023-1879-1	P2023-1596-1	M2023-2626-2	M2023-2350-2	IS + QC_2	IS + Cal. 2
H						P2023-1931-1	P2023-1867-1	P2023-1520-1	M2023-2538-2	M2023-2314-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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Idaho State Police Forensic Services

AM #25 Blood Multi-Drug Screen by LCMS-QQQ

And

**AM #28 Blood Multi-Drug Confirmatory Analysis by
LCMS-QQQ---Panel 1**

Methanol External Control Solution (Lot: 071723)

100 µL of 1mg/mL stock of each drug was added to 9700 µL of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	220776	N/A
Tramadol	Cerilliant	FE10051901	12/31/2024
Hydrocodone	Cerilliant	FE04241902	09/30/2024
Alprazolam	Cerilliant	FE06102008	06/30/2025
Prepared:	07/17/2023		
Expires:	07/17/2024		
Prepared By:	Tamara Salazar		

Blood External Control Solution (Lot: WS071723)

100 µL of methanol external control solution was added to 9900 µL of blood.

Approximately 100 ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	23A52594
Methanol External Control Solution		071723
Prepared:	07/17/2023	
Expires:	07/17/2024	
Prepared by:	Tamara Salazar	

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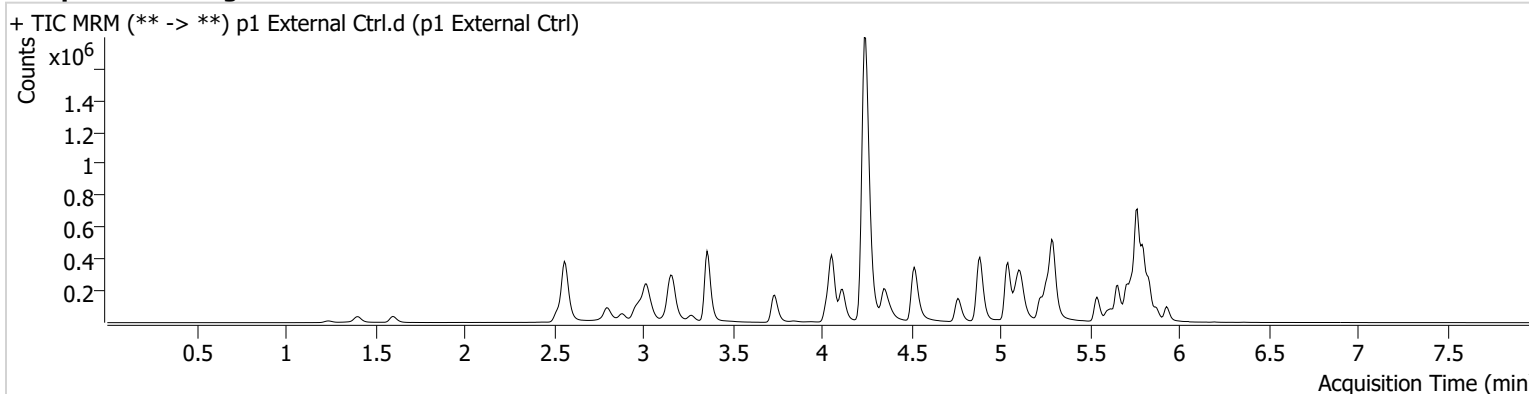
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

Instrument Falco (069901) **Data File** p1 External Ctrl.d
Type Sample **Sample** p1 External Ctrl
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-B6 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 4:20:12 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.766	613794	926.29	110.9	1724.84	151119	93.7798 ng/ml
* Dihydrocodeine	2.552	19932	1618.75	59.9	385.18	180598	6.3508 ng/ml
Hydrocodone	3.019	452218	∞	34.4	171.99	247974	103.1732 ng/ml
Tramadol	4.239	1850317	1790.43	3.7	1709.12	864891	98.9573 ng/ml

*Compound not evaluated in this run.

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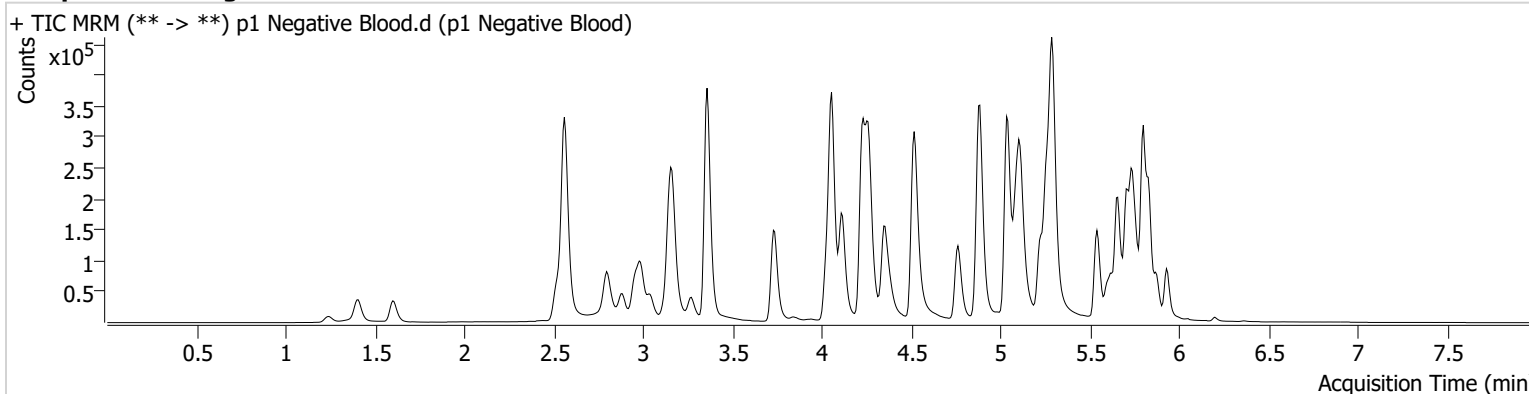
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 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 P6-C11 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 3:58:56 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Duloxetine	5.651	1637	115.03			8588	8.9177 ng/ml
* Fluoxetine	5.711	14780	131.96	7.6	4.95 Low	73224	7.2106 ng/ml
* Sertraline	5.773	6495	176.14	88.2	217.26	22764	11.1758 ng/ml

*Compound not evaluated in this run.

AM #28 Multi-Drug Quant. Results

TS



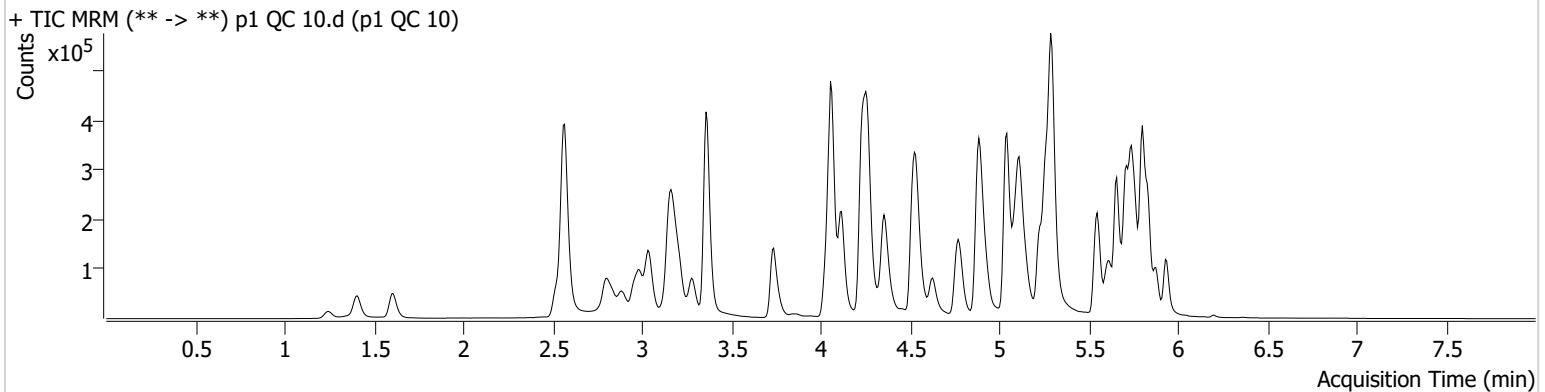
Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H11
Injection Volume 2
Acq. Date-Time 7/19/2023 2:55:11 PM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	1888	273.48	65.5	3000.64	44091	1.0839 ng/ml
7-aminoclonazepam	4.258	23141	612.48	79.9	248.69	90588	11.0089 ng/ml
a-hydroxyalprazolam	5.689	17137	591.69	65.4	6831.72	560331	10.6842 ng/ml
alpha-PHP	4.935	27343	1534.74	271.3	563.65	358621	10.4928 ng/ml
alpha-PVP	4.363	103644	386.32	50.9	345.32	358621	10.7650 ng/ml
Alprazolam	5.766	57930	220.33	115.6	1070.43	133810	10.1296 ng/ml
Amphetamine	3.037	169694	405.29	46.6	458.33	187722	10.7671 ng/ml
Benzoylcegonine	3.871	2658	22.19	10.0	∞	9901	8.4626 ng/ml
Bupropion	4.785	110957	350.12	64.8	551.28	313109	10.7665 ng/ml
Carisoprodol	5.714	65120	1083.54	52.5	725.69	284365	9.7980 ng/ml
Chlordiazepoxide	5.842	24108	1952.52	112.6	286.77	320716	11.8832 ng/ml
Chlorpheniramine	5.118	130201	844.53	0.3	13.11	533318	10.2099 ng/ml
Citalopram	5.225	81554	854.65	37.5	66.53	294787	10.0331 ng/ml
Clonazepam	5.608	62591	3537.53	33.9	80830.36	79738	10.4185 ng/ml
Clonazolam	5.552	22670	826.96	38.6	11708.45	79738	9.7792 ng/ml
Cocaine	4.264	78289	1844.74	53.6	143.07	591260	10.3124 ng/ml
Codeine	2.580	9519	55.81	104.2	26.20	39270	10.2238 ng/ml
Cyclobenzaprine	5.625	27333	73.79	8.9	145.89	103230	10.7618 ng/ml
Dextromethorphan	5.269	37210	256.82	84.1	2704.97	154774	10.0162 ng/ml
Dextrorphan	4.118	34406	200.41	204.6	398.51	366427	10.1319 ng/ml
Diazepam	5.938	43827	225.84	89.7	221.58	148927	10.5600 ng/ml
Dihydrocodeine	2.552	26697	135.67	61.2	75.31	152131	10.7160 ng/ml
Diphenhydramine	5.297	229973	221.75	30.6	5643.22	917866	10.2422 ng/ml
DMT	2.845	10017	240.19	87.4	359.29	154774	10.4978 ng/ml
Doxylamine	4.538	196653	1245.08	99.1	6961.76	811919	10.0165 ng/ml
Duloxetine	5.651	2019	281.26	13.2	∞	7926	12.0033 ng/ml
EDDP	5.262	83603	2576.86	40.9	23284.22	416389	9.9196 ng/ml
Etizolam	5.804	28372	27993.79	26.3	300.62	79738	10.1942 ng/ml
Fentanyl	5.101	3917	30.77	77.5	5158.34	182443	1.0957 ng/ml
Flualprazolam	5.695	20332	1384.48	110.1	5381.97	133810	9.4970 ng/ml
Fluorofentanyl	5.156	8051	144.54	42.4	497.48	1465	0.8769 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluoxetine	5.711	18839	965.73	9.7	2506.14	64114	10.3873 ng/ml
Hydrocodone	3.019	41204	226.14	35.4	187.98	195965	11.2629 ng/ml
Hydromorphone	1.615	34851	1151.39	75.5	68035.14	101081	9.7382 ng/ml
Hydroxyzine	5.701	55066	357.78	68.7	820.06	154774	9.5387 ng/ml
Ketamine	4.043	80733	2425.98	36.7	122.21	239193	10.4546 ng/ml
Lamotrigine	4.274	6098	85.28	79.3	492.08	842028	10.1295 ng/ml
Lorazepam	5.737	55579	748.12	52.2	107.75	358261	11.0450 ng/ml
MDA	3.191	124038	844.60	29.1	234.59	301788	10.4488 ng/ml
MDMA	3.285	64184	1496.26	93.1	492.10	78726	9.8736 ng/ml
Meprobamate	4.901	40147	178.27	26.9	208.20	188040	10.4881 ng/ml
Methadone	5.656	115419	4215.16	48.3	1856.53	395041	9.8384 ng/ml
Methamphetamine	3.212	126959	478.77	38.0	2890.09	482851	9.8113 ng/ml
Metoprolol	4.327	19270	15913.47	96.7	1398.68	696553	9.9967 ng/ml
Mirtazapine	4.627	121900	278.11	47.4	1320.78	358621	10.4832 ng/ml
Mitragynine	5.236	18780	310.42	38.1	7357.83	395041	9.3610 ng/ml
Morphine	1.253	6316	1550.30	29.0	46.09	13974	10.1695 ng/ml
Norbuprenorphine	4.997	250	190.49	103.6	576.73	10780	0.9445 ng/ml
Nordiazepam	5.884	36915	171.51	58.8	1096.32	100966	10.6350 ng/ml
Norfentanyl	4.078	16714	76.65	34.6	66.05	621294	0.9962 ng/ml
Norhydrocodone	3.060	6049	130.91	40.0	58.73	72459	9.5604 ng/ml
Noroxycodone	2.904	36094	231.11	52.1	465.93	120776	10.0916 ng/ml
O-desmethyl-tramadol	3.366	152976	2270.76	6.3	105.57	892016	9.9289 ng/ml
o-desmethylvenlafaxine	4.063	238227	8911.60	18.6	480.55	180746	9.6016 ng/ml
Olanzapine	4.461	14799	257.02	53.3	77.48	33391	10.0299 ng/ml
Oxazepam	5.747	66954	167.42	72.1	136.61	358261	10.0933 ng/ml
Oxycodone	2.828	65429	398.27	29.9	279.68	247440	10.2570 ng/ml
Oxymorphone	1.405	34008	829.15	48.4	372.25	107387	10.0266 ng/ml
Phentermine	3.774	34136	209.46	6.5	24.07	376365	10.4250 ng/ml
Promethazine	5.548	51174	437.91	31.4	141.07	217088	9.6241 ng/ml
Pseudoephedrine	2.576	208087	550.25	17.0	2484.58	842028	9.4640 ng/ml
Quetiapine	5.551	93092	169697.79	55.1	535.27	114902	10.4244 ng/ml
Sertraline	5.773	6557	96.30	100.6	70.37	20871	12.3321 ng/ml
Temazepam	5.807	113495	386.72	29.1	331.13	560331	10.4212 ng/ml
Tramadol	4.246	159608	30.60	3.5	120.37	696553	10.0874 ng/ml
Trazodone	5.141	81893	73.15	57.6	1790.03	248797	11.0713 ng/ml
Venlafaxine	5.043	137919	191.77	40.1	483.28	780408	9.8680 ng/ml
Zolpidem	4.905	153904	767.32	30.2	1107.88	716364	10.2481 ng/ml

AM #28 Multi-Drug Quant. Results

TS

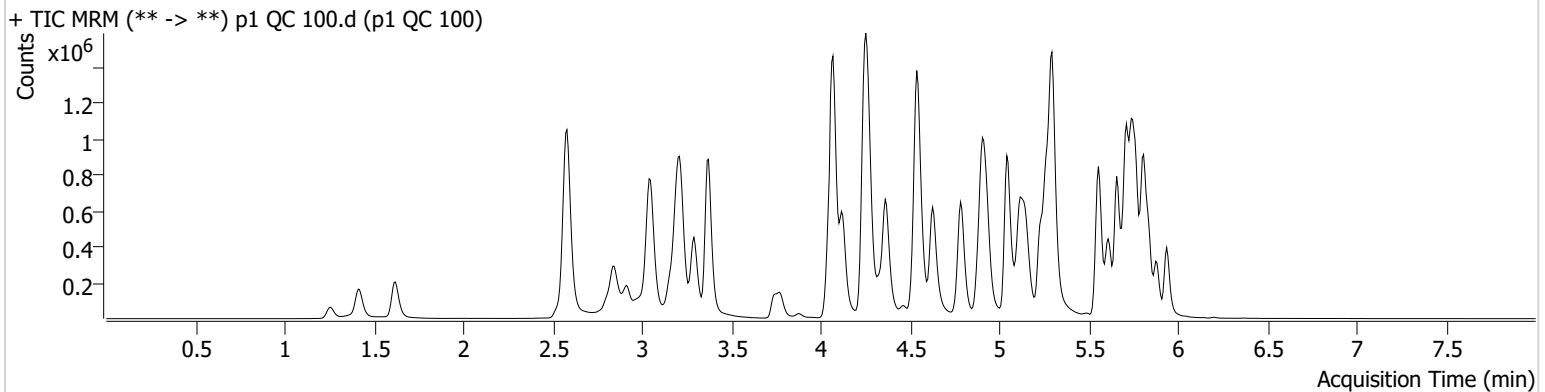


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Calibration Last Update 7/24/2023 12:13:21 PM

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 P6-G11 **Comment**
Injection Volume 2
Acq. Date-Time 7/20/2023 6:51:50 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	16611	33028.21	72.6	1157.72	42887	9.6797 ng/ml
7-aminoclonazepam	4.258	190108	4730.29	78.2	26539.38	80066	105.4687 ng/ml
a-hydroxyalprazolam	5.689	129679	771.07	69.4	2911.42	430374	110.7990 ng/ml
alpha-PHP	4.935	231704	2289.23	262.5	3499.35	309372	106.4057 ng/ml
alpha-PVP	4.370	878589	1622.28	51.1	293.73	309372	104.2406 ng/ml
Alprazolam	5.766	499035	1614.91	107.8	1603.55	112915	102.0299 ng/ml
Amphetamine	3.050	1400078	3464.49	46.8	2538.47	180576	98.1286 ng/ml
Benzoylcegonine	3.877	23874	948.51	8.7	223.38	8679	92.6760 ng/ml
Buprenorphine	5.810	14186	25733.11	14.0	1691.32	41905	10.7137 ng/ml
Bupropion	4.785	950861	1280584.05	65.3	755.14	273266	105.9080 ng/ml
Carisoprodol	5.721	539868	1609099.69	53.0	402.05	235444	95.4090 ng/ml
Chlordiazepoxide	5.841	180720	4745.75	132.0	4201.91	269202	109.6929 ng/ml
Chlorpheniramine	5.118	1114161	25488.60	0.3	239.80	452840	100.8764 ng/ml
Citalopram	5.225	642110	685.24	38.3	564074.96	227284	99.4452 ng/ml
Clonazepam	5.608	517424	647.53	36.1	235.31	67900	104.5841 ng/ml
Clonazolam	5.552	213299	196007.67	37.5	92564.07	67900	114.0960 ng/ml
Cocaine	4.264	663287	588.09	52.2	288.37	514383	100.9462 ng/ml
Codeine	2.586	83008	7529.81	104.0	70072.33	34439	108.2204 ng/ml
Cyclobenzaprine	5.631	179082	372.84	8.8	31.28	72464	98.6974 ng/ml
Dextromethorphan	5.276	286932	467224.76	80.0	203.21	116411	100.6479 ng/ml
Dextrorphan	4.124	289057	44873.26	212.8	18314.92	315620	96.2589 ng/ml
Diazepam	5.938	351511	4486.25	91.4	8099.17	123505	101.8767 ng/ml
Dihydrocodeine	2.558	228015	247.89	62.1	43019.03	142984	105.8448 ng/ml
Diphenhydramine	5.297	1864001	391.13	30.2	71247.41	761745	97.5898 ng/ml
DMT	2.852	83177	366.92	102.1	1464.13	116411	122.5076 ng/ml
Doxylamine	4.538	1832174	76572.10	99.6	1304.65	751926	98.6891 ng/ml
Duloxetine	5.651	9910	20086.97	13.7	1275.62	4530	105.0493 ng/ml
EDDP	5.262	708568	13162.62	42.8	15384.16	358250	95.6527 ng/ml
Etizolam	5.804	218772	371477.56	25.7	15116.60	67900	90.2150 ng/ml
Fentanyl	5.101	26890	70.66	77.8	881.42	133711	10.5986 ng/ml
Flualprazolam	5.695	182277	5377.50	101.2	11293.15	112915	107.2406 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	56339	251.71	40.6	1410.75	804	10.4453 ng/ml
Fluoxetine	5.711	100084	193.06	8.3	2111.03	35890	96.5351 ng/ml
Hydrocodone	3.019	365698	357.75	34.0	154.49	188542	109.7791 ng/ml
Hydromorphone	1.622	324223	6190725.32	72.3	27.98	89083	102.8851 ng/ml
Hydroxyzine	5.708	414441	5351.09	67.3	4483.66	116411	90.0665 ng/ml
Ketamine	4.050	689717	770.03	37.6	375.86	217257	108.9895 ng/ml
Lamotrigine	4.281	50955	1451.05	84.5	3076.80	710785	103.7304 ng/ml
Lorazepam	5.737	384966	3826.68	52.7	376.33	276081	109.0441 ng/ml
MDA	3.198	978654	1698.36	29.8	5225.80	264711	100.7708 ng/ml
MDMA	3.292	555469	592782.84	93.8	6948.47	69399	96.7175 ng/ml
Meprobamate	4.901	346450	291.17	27.8	6285.75	173913	102.0917 ng/ml
Methadone	5.656	893800	29239.43	47.7	8143.67	302544	98.2725 ng/ml
Methamphetamine	3.219	1147962	11867.94	37.5	1344.92	444664	104.5213 ng/ml
Metoprolol	4.327	171694	27812.46	91.5	1276.51	593575	104.8894 ng/ml
Mirtazapine	4.627	1070271	74077.38	46.1	6925.62	309372	100.2935 ng/ml
Mitragynine	5.236	147102	348.67	34.8	352.89	302544	96.1233 ng/ml
Morphine	1.261	56844	∞	28.5	186.81	13048	100.4961 ng/ml
Norbuprenorphine	5.004	1751	378.17	114.8	2371.76	8784	8.8389 ng/ml
Nordiazepam	5.884	291181	1658.14	62.6	492.98	82274	102.8814 ng/ml
Norfentanyl	4.085	134625	19875.69	35.2	1809.54	506580	9.1130 ng/ml
Norhydrocodone	3.074	49298	153.93	38.7	97.10	52831	92.3713 ng/ml
Noroxycodone	2.917	315537	9367.90	50.3	7762.13	108192	100.4287 ng/ml
O-desmethyl-tramadol	3.372	1388098	3606.44	6.3	2129.72	800469	97.3358 ng/ml
o-desmethylvenlafaxine	4.069	2124146	66056.06	18.5	831.08	154066	95.8248 ng/ml
Olanzapine	4.461	90689	2047.42	51.1	400.79	19237	101.6101 ng/ml
Oxazepam	5.747	516861	1326.56	70.8	1324.63	276081	103.9369 ng/ml
Oxycodone	2.835	593273	1865.87	30.4	1474.69	230419	104.4888 ng/ml
Oxymorphone	1.418	300303	∞	47.6	695.38	96327	100.6939 ng/ml
Phentermine	3.780	289929	951.18	6.3	158.96	340959	104.4822 ng/ml
Promethazine	5.548	334363	6834.62	29.9	2315.32	144746	92.1575 ng/ml
Pseudoephedrine	2.583	1855519	623.39	16.9	359633.61	710785	97.3139 ng/ml
Quetiapine	5.558	772769	16086.95	58.0	1727069.48	102067	101.0760 ng/ml
Sertraline	5.773	30572	236.70	98.8	18862.95	11862	103.0025 ng/ml
Temazepam	5.807	868203	8111.61	28.5	905.67	430374	103.8149 ng/ml
Tramadol	4.246	1303710	1591.17	3.4	505.42	593575	101.6093 ng/ml
Trazodone	5.141	615193	694609.95	60.5	820610.58	203734	108.3614 ng/ml
Venlafaxine	5.042	1201137	13604.13	39.3	858.59	663893	96.7106 ng/ml
Zolpidem	4.905	1386426	4952.08	29.2	139761.38	638926	111.0018 ng/ml

AM #28 Multi-Drug Quant. Results

TS



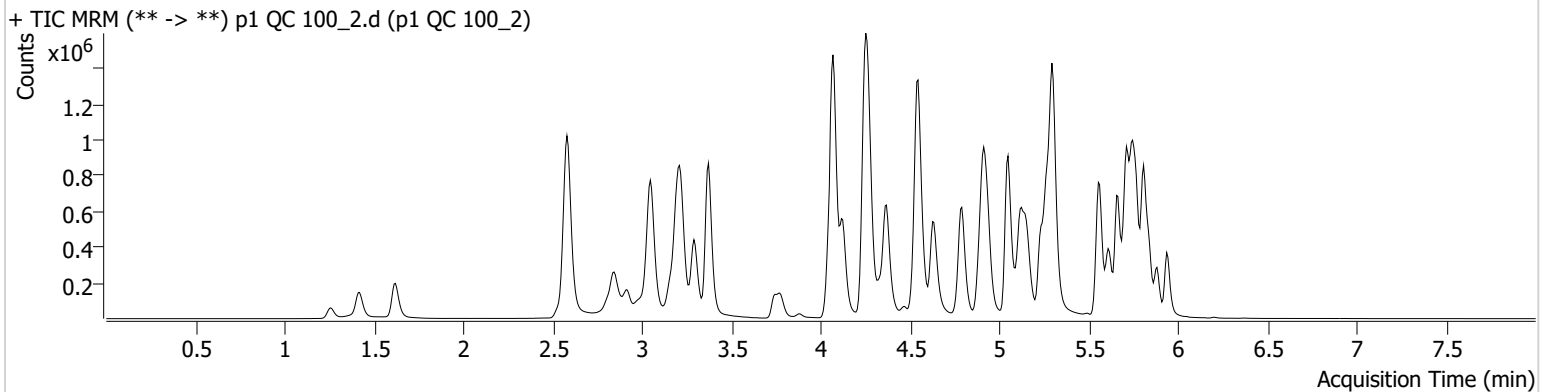
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Instrument Falco (069901) **Data File** p1 QC 100_2.d
Type QC **Sample** p1 QC 100_2
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-G11 **Comment**
Injection Volume 2
Acq. Date-Time 7/20/2023 1:09:04 PM
Sample Info.

QC used to bracket re-injected samples.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	16144	22721.70	70.6	23009.81	39487	10.2168 ng/ml
7-aminoclonazepam	4.258	172097	3306.14	79.2	12571.46	72752	105.0733 ng/ml
a-hydroxyalprazolam	5.689	113318	242.68	70.5	558.12	394788	105.5183 ng/ml
alpha-PHP	4.942	222637	2245.38	255.1	75973.51	300955	105.0969 ng/ml
alpha-PVP	4.370	859790	5861.72	50.4	430.10	300955	104.8619 ng/ml
Alprazolam	5.766	453249	1014.09	102.7	1217.02	98973	105.7176 ng/ml
Amphetamine	3.050	1413889	26670.06	42.6	1786.66	161092	111.1831 ng/ml
Benzoylcegonine	3.884	23148	1806.63	8.5	358.15	8403	92.8146 ng/ml
Buprenorphine	5.810	13076	483.56	15.8	1834.34	40222	10.2454 ng/ml
Bupropion	4.792	915591	52032.12	64.5	6554.49	261011	106.7677 ng/ml
Carisoprodol	5.721	472466	317333.61	53.6	607.92	201880	97.3729 ng/ml
Chlordiazepoxide	5.841	175028	52379.96	81.6 Low	1455.39	250388	114.2396 ng/ml
Chlorpheniramine	5.125	1024177	3008.10	0.3	90.14	417054	100.6862 ng/ml
Citalopram	5.232	608392	968.93	36.3	3506.34	216708	98.8239 ng/ml
Clonazepam	5.608	452532	923.78	36.3	282097.94	60889	101.9901 ng/ml
Clonazolam	5.552	183437	3381.55	38.7	85481.32	60889	109.3964 ng/ml
Cocaine	4.271	638986	411.67	52.2	306.38	502147	99.6168 ng/ml
Codeine	2.586	76369	8036.32	101.2	214.28	31908	107.4555 ng/ml
Cyclobenzaprine	5.631	141477	77425.64	9.6	123.43	60731	93.0485 ng/ml
Dextromethorphan	5.276	263169	205.38	83.4	3951.12	105756	101.6107 ng/ml
Dextrorphan	4.124	275523	5628.65	208.9	1075.72	299620	96.6504 ng/ml
Diazepam	5.938	336427	1471.07	88.2	987.39	110602	108.8779 ng/ml
Dihydrocodeine	2.565	214968	296.15	61.3	9638.19	135105	105.6052 ng/ml
Diphenhydramine	5.304	1766729	19151.53	29.1	551.49	700418	100.5874 ng/ml
DMT	2.858	78862	1383.61	96.8	12125.01	105756	127.8830 ng/ml
Doxylamine	4.545	1768831	24218.94	98.0	1122.69	713601	100.3902 ng/ml
Duloxetine	5.657	8561	9593.42	15.8	31.57	3661	112.3097 ng/ml
EDDP	5.268	640665	∞	42.1	10178.19	316172	97.9906 ng/ml
Etizolam	5.804	217278	2561.24	26.3	55492.75	60889	99.8877 ng/ml
Fentanyl	5.108	23587	3647.21	75.4	17719.35	124404	9.9902 ng/ml
Flualprazolam	5.702	158026	4628.97	105.8	6893.09	98973	106.0629 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	51749	3468.94	43.1	4236.88	814	9.4835 ng/ml
Fluoxetine	5.711	83940	99397.26	7.5	6334.34	32227	90.1840 ng/ml
Hydrocodone	3.026	337093	2202.57	34.4	583.40	172963	110.3101 ng/ml
Hydromorphone	1.622	298378	4461.56	75.3	1300839.53	84957	99.2818 ng/ml
Hydroxyzine	5.708	364349	1110.99	71.9	7925.17	105756	87.1775 ng/ml
Ketamine	4.050	662946	34842.94	38.2	5148.44	206107	110.4434 ng/ml
Lamotrigine	4.281	46669	735.12	85.1	31313.21	686940	98.2812 ng/ml
Lorazepam	5.737	345487	143602.60	53.8	409.81	250264	107.9448 ng/ml
MDA	3.198	927315	1669.26	29.4	6561.98	236330	107.0034 ng/ml
MDMA	3.292	553609	3690.70	89.7	2245.38	66279	100.9301 ng/ml
Meprobamate	4.901	315182	713.28	26.0	417.14	151564	106.5955 ng/ml
Methadone	5.663	771685	1570048.21	51.8	1059.58	261843	98.0351 ng/ml
Methamphetamine	3.219	1077957	4900.50	38.3	12495.65	421748	103.4709 ng/ml
Metoprolol	4.334	162124	4432.45	95.0	210150.95	604541	97.2433 ng/ml
Mirtazapine	4.634	941664	56137.59	49.0	23460.95	300955	90.7764 ng/ml
Mitragynine	5.236	129262	887.04	37.7	47001.44	261843	97.5964 ng/ml
Morphine	1.261	51794	546.58	25.9	∞	9802	121.9558 ng/ml
Norbuprenorphine	5.004	1862	2179.28	102.0	557.91	7996	10.3399 ng/ml
Nordiazepam	5.884	268418	1517.27	61.1	601.34	77850	100.2284 ng/ml
Norfentanyl	4.085	135991	14064.94	33.6	425.39	487447	9.5628 ng/ml
Norhydrocodone	3.074	43470	128.14	39.1	63.47	47336	90.9281 ng/ml
Noroxycodone	2.917	268078	700.61	54.4	464.05	91211	101.2100 ng/ml
O-desmethyl-tramadol	3.372	1345807	5602.95	6.2	369.60	771917	97.8590 ng/ml
o-desmethylvenlafaxine	4.069	2123749	73979.35	17.4	1644.98	146474	100.7479 ng/ml
Olanzapine	4.468	83068	377.51	55.0	1071.98	18326	97.7170 ng/ml
Oxazepam	5.747	445017	570.88	73.1	2490.73	250264	98.7058 ng/ml
Oxycodone	2.835	519765	1192.37	31.7	2209.22	203224	103.7890 ng/ml
Oxymorphone	1.418	261081	1955.71	51.5	∞	81950	102.9050 ng/ml
Phentermine	3.780	275551	945.94	6.0	234.35	327499	103.3737 ng/ml
Promethazine	5.548	300839	46323.92	30.3	1010.14	125410	95.6927 ng/ml
Pseudoephedrine	2.589	1768564	25650.25	17.0	103180.01	686940	95.9769 ng/ml
Quetiapine	5.558	706127	2361.72	59.2	23897.71	89522	105.3210 ng/ml
Sertraline	5.780	25175	467.76	95.2	122267.30	9336	107.7843 ng/ml
Temazepam	5.807	783928	15602.02	28.9	1383.62	394788	102.1872 ng/ml
Tramadol	4.246	1354403	207.29	3.5	152.59	604541	103.6570 ng/ml
Trazodone	5.148	575442	649.67	61.3	787645.21	181614	113.7459 ng/ml
Venlafaxine	5.049	1173701	700.76	38.7	577.53	659169	95.1861 ng/ml
Zolpidem	4.912	1272597	3827.15	29.3	606758.99	613295	106.1103 ng/ml

AM #28 Multi-Drug Quant. Results

TS



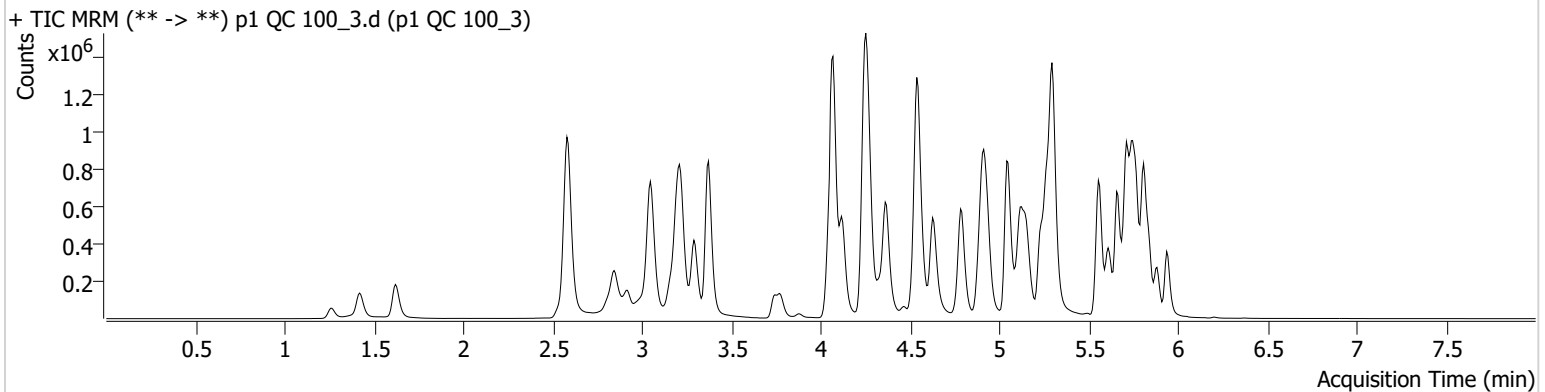
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Instrument	Falco (069901)	Data File	p1 QC 100_3.d
Type	QC	Sample	p1 QC 100_3
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G11	Comment	
Injection Volume	2		
Acq. Date-Time	7/20/2023 1:51:43 PM		
Sample Info.			

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

QC used to bracket re-injected samples.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	14664	363.40	71.8	9112.59	35954	10.1924 ng/ml
7-aminoclonazepam	4.258	171845	19557.69	75.0	129.22	70358	108.5026 ng/ml
a-hydroxyalprazolam	5.689	105453	537.54	70.4	316.24	383198	101.1384 ng/ml
alpha-PHP	4.935	214949	1937.84	251.2	3190.22	286554	106.5726 ng/ml
alpha-PVP	4.370	821505	1331.56	51.7	597.66	286554	105.2274 ng/ml
Alprazolam	5.766	433215	3373.77	109.5	2019.72	91684	109.0730 ng/ml
Amphetamine	3.050	1305332	889.92	43.8	504.70	145889	113.3574 ng/ml
Benzoylcegonine	3.877	22375	91898.92	8.4	25.47	7783	96.8926 ng/ml
Buprenorphine	5.810	13307	163.65	15.9	2366.22	40625	10.3316 ng/ml
Bupropion	4.792	829627	784.79	67.1	73868.82	239430	105.4631 ng/ml
Carisoprodol	5.721	460885	13888.46	54.0	296.46	201885	94.9912 ng/ml
Chlordiazepoxide	5.841	162280	6340.53	87.2 Low	1458.27	251974	105.2165 ng/ml
Chlorpheniramine	5.118	978515	1991.50	0.3	191.53	400688	100.1276 ng/ml
Citalopram	5.232	602055	785.14	35.1	339.18	217082	97.6300 ng/ml
Clonazepam	5.608	437630	5089.74	35.5	112701.95	58904	101.9550 ng/ml
Clonazolam	5.552	177688	306497.89	39.4	3698.42	58904	109.5392 ng/ml
Cocaine	4.264	611121	1487.45	53.0	486.42	477002	100.2952 ng/ml
Codeine	2.586	73135	10184.89	101.1	112.87	29823	110.1165 ng/ml
Cyclobenzaprine	5.631	136467	479.32	9.5	181.24	58590	93.0325 ng/ml
Dextromethorphan	5.276	258959	4726.15	80.4	180.04	99861	105.8788 ng/ml
Dextrorphan	4.124	262023	43918.41	212.0	289198.28	291453	94.4968 ng/ml
Diazepam	5.938	325750	3030.74	87.2	534.73	109316	106.6633 ng/ml
Dihydrocodeine	2.565	200688	361.67	64.0	4489.53	127497	104.4619 ng/ml
Diphenhydramine	5.297	1682461	2461.80	29.9	601.61	691592	97.0220 ng/ml
DMT	2.858	75837	1736.10	91.9	2131.96	99861	130.2501 ng/ml
Doxylamine	4.538	1650226	3821.06	99.5	72545.70	694983	96.1775 ng/ml
Duloxetine	5.657	8580	420.14	14.4	99.17	4244	97.0595 ng/ml
EDDP	5.268	625781	437.23	41.8	24945.32	308089	98.2248 ng/ml
Etizolam	5.804	212935	3283.67	25.6	90608.41	58904	101.1863 ng/ml
Fentanyl	5.108	24002	69.28	69.7	19628.15	121127	10.4425 ng/ml
Flualprazolam	5.702	151045	4567.69	107.4	8567.87	91684	109.4578 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	49380	43558.63	42.4	9283.83	792	9.3044 ng/ml
Fluoxetine	5.711	83224	207.80	7.9	61.82	30409	94.7461 ng/ml
Hydrocodone	3.026	306796	662.20	35.9	528.46	168439	103.0455 ng/ml
Hydromorphone	1.622	271361	1788914.24	75.7	9354.16	78334	97.9265 ng/ml
Hydroxyzine	5.708	355132	3126.18	71.7	9319.38	99861	89.9693 ng/ml
Ketamine	4.050	623896	6833.88	37.9	8859.56	190697	112.3581 ng/ml
Lamotrigine	4.281	43887	1315.42	86.9	76025.24	653239	97.1866 ng/ml
Lorazepam	5.744	333303	10581.26	54.8	655.43	237284	109.8561 ng/ml
MDA	3.198	876826	6531.87	30.5	3505.88	222107	107.6619 ng/ml
MDMA	3.292	525827	1815.38	88.2	5680.92	60780	104.5377 ng/ml
Meprobamate	4.901	288027	72146.51	26.0	2011.76	141437	104.3756 ng/ml
Methadone	5.663	755431	28412.67	50.3	15143.89	247714	101.4392 ng/ml
Methamphetamine	3.219	1020734	2113.80	37.1	12187.71	399842	103.3451 ng/ml
Metoprolol	4.327	154212	222934.76	97.1	232343.61	555757	100.6185 ng/ml
Mirtazapine	4.627	909272	11132.45	49.9	2954.10	286554	92.0492 ng/ml
Mitragynine	5.236	125908	1026.17	37.0	65511.21	247714	100.4866 ng/ml
Morphine	1.267	47417	1069.14	25.9	∞	9311	117.5303 ng/ml
Norbuprenorphine	5.004	1897	3487.78	98.9	4535.98	7316	11.5241 ng/ml
Nordiazepam	5.884	260032	491.56	60.2	949.70	75229	100.4794 ng/ml
Norfentanyl	4.085	128401	949.91	35.0	924.52	474846	9.2712 ng/ml
Norhydrocodone	3.074	41888	156.00	39.8	363.15	44220	93.7493 ng/ml
Noroxycodone	2.917	254766	4485.38	52.9	644.79	83701	104.8215 ng/ml
O-desmethyl-tramadol	3.372	1299577	1253.02	6.3	378.37	747431	97.5941 ng/ml
o-desmethylvenlafaxine	4.069	1994454	35185.78	17.5	1767.09	138740	99.8922 ng/ml
Olanzapine	4.468	78878	902.65	53.2	442.63	16427	103.4819 ng/ml
Oxazepam	5.747	420605	511.00	71.7	305.84	237284	98.3935 ng/ml
Oxycodone	2.842	499276	2089.89	31.5	3203.09	193313	104.8144 ng/ml
Oxymorphone	1.418	244885	537.57	50.2	662.58	75067	105.3767 ng/ml
Phentermine	3.780	258597	302.34	6.1	480.26	305714	103.9310 ng/ml
Promethazine	5.548	300235	440.69	29.7	787.18	124933	95.8640 ng/ml
Pseudoephedrine	2.589	1674135	3053.81	16.9	28290.88	653239	95.5408 ng/ml
Quetiapine	5.558	667657	84666.03	57.1	231.69	88101	101.1719 ng/ml
Sertraline	5.780	24533	754.71	96.5	1626.74	10254	95.5991 ng/ml
Temazepam	5.807	754916	745.71	29.1	5381.55	383198	101.3817 ng/ml
Tramadol	4.246	1289747	141.56	3.5	167.30	555757	107.3938 ng/ml
Trazodone	5.148	569498	651747.87	59.2	912237.98	176229	116.0276 ng/ml
Venlafaxine	5.043	1104781	44740.48	38.9	450.84	630271	93.7121 ng/ml
Zolpidem	4.912	1200147	5761.41	29.7	2280.56	600501	102.1712 ng/ml

AM #28 Multi-Drug Quant. Results

TS

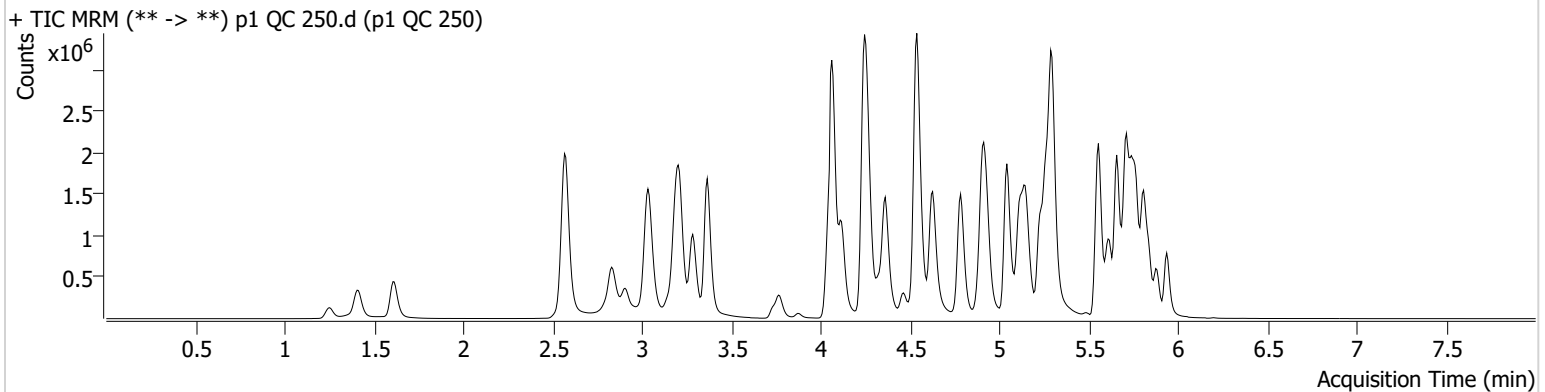


Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

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 P6-F11 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 3:16:25 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	40603	363.22	71.1	1525.34	40840	24.8227 ng/ml
7-aminoclonazepam	4.258	350934	136.32	80.1	11145.30	62549	249.7319 ng/ml
a-hydroxyalprazolam	5.689	237365	372.79	67.8	451.99	327351	267.5145 ng/ml
alpha-PHP	4.935	544801	540.85	264.3	22171.63	303165	255.8415 ng/ml
alpha-PVP	4.363	2170051	1943.07	51.9	1081.64	303165	262.4724 ng/ml
Alprazolam	5.766	1080116	1269.38	110.7	1022.58	96067	259.3331 ng/ml
Amphetamine	3.037	2952213	43208.61	45.9	1821.35	165564	226.6659 ng/ml
Benzoylcegonine	3.871	62346	668.74	8.3	1591.34	8335	253.1307 ng/ml
Buprenorphine	5.810	34375	12104.34	15.8	10991.75	47572	24.0909 ng/ml
Bupropion	4.785	2349908	634.40	64.6	4431.24	268393	266.5201 ng/ml
Carisoprodol	5.721	947611	613.82	54.2	1310.71	156469	251.5026 ng/ml
Chlordiazepoxide	5.835	390454	28631.35	128.2	3224.69	240180	266.2735 ng/ml
Chlorpheniramine	5.118	2985622	32554.33	0.3	148.55	486187	251.4452 ng/ml
Citalopram	5.225	1707028	17457.09	37.1	226437.49	235953	254.1483 ng/ml
Clonazepam	5.608	1073114	35610.03	36.2	69602.03	59101	249.7439 ng/ml
Clonazolam	5.552	420263	451922.15	38.2	377934.99	59101	259.0342 ng/ml
Cocaine	4.264	1557154	5118.11	53.6	385.74	486640	250.5827 ng/ml
Codeine	2.580	165160	100.84	104.4	866.25	31512	236.1837 ng/ml
Cyclobenzaprine	5.625	659747	26622.32	9.1	169.62	102424	256.9114 ng/ml
Dextromethorphan	5.269	760181	298.98	80.5	11138.93	127411	243.3153 ng/ml
Dextrorphan	4.118	684872	1065.28	214.9	2002.80	294621	243.8744 ng/ml
Diazepam	5.938	799149	364.81	90.4	6148.03	104853	272.7650 ng/ml
Dihydrocodeine	2.552	511681	480.68	62.7	49622.26	138296	246.9560 ng/ml
Diphenhydramine	5.297	4853967	98502.84	29.3	17503.66	748296	258.2373 ng/ml
DMT	2.845	181725	2282.53	106.2	2315.04	127411	245.2025 ng/ml
Doxylamine	4.538	4817943	6681.82	98.1	169688.98	766051	254.3683 ng/ml
Duloxetine	5.651	40322	2090.68	14.6	204.83	7068	274.3725 ng/ml
EDDP	5.262	1733497	29027.83	42.7	44241.15	342753	244.2299 ng/ml
Etizolam	5.804	502531	8410.85	25.6	105841.11	59101	237.6567 ng/ml
Fentanyl	5.101	87270	554.35	72.8	99495.15	170765	26.9956 ng/ml
Flualprazolam	5.695	357654	7466.98	103.7	80504.42	96067	248.1863 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	203359	3387.16	42.6	2769.38	1337	22.6011 ng/ml
Fluoxetine	5.711	354071	6938.34	8.4	20897.68	48370	253.0113 ng/ml
Hydrocodone	3.013	799179	∞	35.6	467.31	183430	247.4830 ng/ml
Hydromorphone	1.615	794453	31885.75	73.5	1836145.97	87619	256.3278 ng/ml
Hydroxyzine	5.708	1201674	6958.93	72.1	11449.86	127411	237.6163 ng/ml
Ketamine	4.043	1573948	258165.53	39.1	1876.11	207233	262.5122 ng/ml
Lamotrigine	4.281	109238	9951.94	84.2	65041.84	609039	260.1107 ng/ml
Lorazepam	5.737	641898	3893.99	55.8	482.24	195499	258.4230 ng/ml
MDA	3.191	2023422	17436.14	28.5	5816.45	229711	241.2675 ng/ml
MDMA	3.285	1357287	3751.35	89.7	8964.76	64928	252.5635 ng/ml
Meprobamate	4.901	633950	19994.44	25.6	5946.23	147016	221.5806 ng/ml
Methadone	5.656	2509298	98425.92	47.6	732.13	326133	255.7273 ng/ml
Methamphetamine	3.212	2673379	973.15	37.2	725.90	433919	250.7245 ng/ml
Metoprolol	4.327	397796	324153.27	92.3	336909.84	576503	250.2676 ng/ml
Mirtazapine	4.627	2735813	9823.50	47.5	73690.47	303165	260.4962 ng/ml
Mitragynine	5.236	419584	1652.73	36.4	214213.31	326133	254.4134 ng/ml
Morphine	1.253	133788	333.94	28.4	130.98	11816	261.6627 ng/ml
Norbuprenorphine	4.997	5742	32700.68	97.4	1303.54	10208	25.1162 ng/ml
Nordiazepam	5.884	637335	1202.46	60.3	403.40	73149	253.2679 ng/ml
Norfentanyl	4.078	314393	860.06	34.9	881.21	418499	25.6112 ng/ml
Norhydrocodone	3.067	109582	795.15	40.6	278.70	42665	251.7598 ng/ml
Noroxycodone	2.904	685319	908.80	52.1	9110.76	93589	252.4916 ng/ml
O-desmethyl-tramadol	3.366	3354494	66243.11	6.4	18861.14	761035	246.8930 ng/ml
o-desmethylvenlafaxine	4.063	4960237	56854.83	18.4	12013.23	144719	237.4951 ng/ml
Olanzapine	4.461	498914	1568.79	52.4	2458.76	41649	257.3726 ng/ml
Oxazepam	5.747	917143	19605.77	72.0	562.75	195499	260.9226 ng/ml
Oxycodone	2.828	1375533	5662.44	30.7	3315.09	226119	247.5895 ng/ml
Oxymorphone	1.412	773233	∞	47.7	2462.68	94732	264.0000 ng/ml
Phentermine	3.774	676227	1301.88	5.6	166.39	341827	244.1430 ng/ml
Promethazine	5.548	1245235	2033.36	30.3	11901.42	207819	238.6574 ng/ml
Pseudoephedrine	2.576	4099551	159944.48	16.6	97451.48	609039	250.4828 ng/ml
Quetiapine	5.551	1915624	44771.33	60.5	109937.09	102835	249.3274 ng/ml
Sertraline	5.773	110708	849.48	97.3	1149.08	18900	234.4216 ng/ml
Temazepam	5.807	1639874	1650.97	29.3	371.45	327351	257.8031 ng/ml
Tramadol	4.239	3337207	252.42	3.5	150.38	576503	268.7369 ng/ml
Trazodone	5.141	1795104	1318.48	63.9	484.91	242821	266.4994 ng/ml
Venlafaxine	5.042	2976416	51687.14	38.6	1241.78	639582	248.0241 ng/ml
Zolpidem	4.905	3227778	5838.37	29.6	133679.29	627358	264.3205 ng/ml

AM #28 Multi-Drug Quant. Results

TS

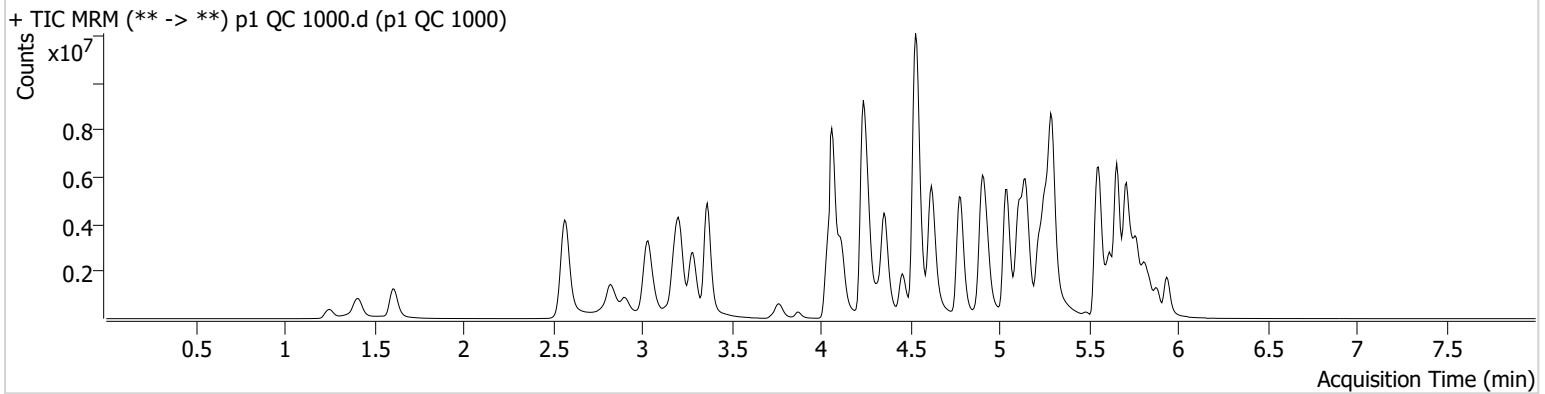


Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

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 P6-E11 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 3:37:40 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	166731	2703.04	71.7	87672.56	40575	102.5469 ng/ml
7-aminoclonazepam	4.251	567086	15512.74	79.1	2132.60	34374	735.0484 ng/ml
a-hydroxyalprazolam	5.682	340108	548.44	72.6	262.88	134295	935.8876 ng/ml
alpha-PHP	4.935	1696564	6219.18	271.4	43715.89	253571	953.5686 ng/ml
alpha-PVP	4.357	7653263	2648.91	50.9	132946.59	253571	1106.1631 ng/ml
Alprazolam	5.766	2727385	725.92	105.1	1214.17	60069	1046.8157 ng/ml
Amphetamine	3.037	6777992	98588.77	45.5	1593.89	164304	525.3967 ng/ml
Benzoylcegonine	3.871	295530	1089.41	8.2	1074.06	10258	976.7786 ng/ml
Buprenorphine	5.810	136870	3464.27	15.4	24017.89	48022	98.1945 ng/ml
Bupropion	4.785	9215619	989.26	60.4	84405.36	265877	1055.1665 ng/ml
Carisoprodol	5.721	1432885	5326.91	53.6	295.45	53630	1108.5233 ng/ml
Chlordiazepoxide	5.841	831909	18128.32	156.6	18124.91	152577	894.1188 ng/ml
Chlorpheniramine	5.111	12226910	63341.52	0.3	878.79	488052	1025.1135 ng/ml
Citalopram	5.218	5027867	50516.53	37.4	50588.78	178019	991.2314 ng/ml
Clonazepam	5.601	2208147	7008.87	35.8	593856.56	36421	834.8294 ng/ml
Clonazolam	5.552	746704	783895.63	39.8	79374.40	36421	747.9667 ng/ml
Cocaine	4.257	4893789	579.80	51.5	311.09	371794	1030.9751 ng/ml
Codeine	2.580	397962	88.56	99.4	9636.43	24693	727.7586 ng/ml
Cyclobenzaprine	5.625	3265457	616.09	8.5	1987.16	120784	1077.6345 ng/ml
Dextromethorphan	5.269	2242641	65439.22	79.6	∞	92260	990.6273 ng/ml
Dextrorphan	4.118	2358427	4479.41	210.4	656130.30	233960	1056.5705 ng/ml
Diazepam	5.938	2121801	4638.26	92.3	796.47	75985	999.2815 ng/ml
Dihydrocodeine	2.545	1564686	287.88	61.5	186.37	147307	710.9395 ng/ml
Diphenhydramine	5.297	15786310	249676.80	29.6	98429.96	589463	1065.2822 ng/ml
DMT	2.838	585663	21744.94	122.4 High	24202.38	92260	1093.5986 ng/ml
Doxylamine	4.531	18613782	560789.50	99.0	615247.40	738048	1019.3307 ng/ml
Duloxetine	5.644	131038	3017.44	14.9	480.21	6379	988.6168 ng/ml
EDDP	5.262	6233881	72569.98	40.9	66324.23	303419	991.4244 ng/ml
Etizolam	5.804	1349613	8827.98	26.9	1016.16	36421	1034.8315 ng/ml
Fentanyl	5.094	396924	159520.92	69.0	256.42	219828	95.4793 ng/ml
Flualprazolam	5.695	646663	7688.06	107.5	8429.84	60069	718.9055 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	1097771	21596.29	41.3	20411.90	1269	128.2655 ng/ml
Fluoxetine	5.711	1131680	103266.02	8.6	162271.12	36095	1082.8989 ng/ml
Hydrocodone	3.013	2585124	653.90	35.8	836.23	169391	868.6806 ng/ml
Hydromorphone	1.609	2701496	1098.37	73.3	8765464.00	72499	1053.4436 ng/ml
Hydroxyzine	5.701	4870907	2111.07	75.7	2131138.11	92260	1327.3836 ng/ml
Ketamine	4.036	4489860	437480.15	38.5	16224.46	184000	846.2013 ng/ml
Lamotrigine	4.281	234709	9843.32	89.0	1398.29	384680	885.7654 ng/ml
Lorazepam	5.737	716397	694.35	52.5	550.85	62199	909.5947 ng/ml
MDA	3.178	3916816	3119.55	26.6	4968.27	164107	655.1830 ng/ml
MDMA	3.285	4161205	396904.04	90.1	124668.79	52098	964.9287 ng/ml
Meprobamate	4.895	1054824	229.44	26.2	13824.88	111009	488.8873 ng/ml
Methadone	5.656	10009894	1841.24	46.2	108357.14	308196	1079.0700 ng/ml
Methamphetamine	3.212	8506554	167725.13	36.0	134150.51	465122	746.0984 ng/ml
Metoprolol	4.320	1118084	6524.05	93.6	88236.53	503970	804.7514 ng/ml
Mirtazapine	4.620	10846654	269805.96	45.0	7184.47	253571	1232.1730 ng/ml
Mitragynine	5.230	1461291	18979.34	37.7	992.28	308196	937.7267 ng/ml
Morphine	1.253	461756	∞	29.0	∞	11481	930.1697 ng/ml
Norbuprenorphine	4.990	26807	271.78	104.0	355.52	11497	104.4021 ng/ml
Nordiazepam	5.884	1558490	861.96	61.1	24947.30	46932	965.2692 ng/ml
Norfentanyl	4.078	841913	9408.70	34.0	14431.34	185273	154.5061 ng/ml
Norhydrocodone	3.060	390696	152.74	40.7	90.98	28233	1350.1913 ng/ml
Noroxycodone	2.904	1768694	649.77	50.7	14843.78	60928	1001.6162 ng/ml
O-desmethyl-tramadol	3.366	12257963	∞	6.0	768.93	641808	1068.6727 ng/ml
o-desmethylvenlafaxine	4.063	14630816	162302.97	18.2	46944.61	97286	1040.4163 ng/ml
Olanzapine	4.455	3370620	110896.99	53.8	5250.56	67476	1071.5781 ng/ml
Oxazepam	5.740	1103253	139.26	72.5	371.78	62199	987.4059 ng/ml
Oxycodone	2.815	4150486	3888.99	30.4	1835.90	219142	771.9692 ng/ml
Oxymorphone	1.405	2428951	∞	50.1	2616.71	79808	984.9881 ng/ml
Phentermine	3.767	1972278	2445.98	5.5	1599.97	349856	697.2136 ng/ml
Promethazine	5.541	6834187	1343.33	28.5	835.65	261234	1041.1743 ng/ml
Pseudoephedrine	2.576	11095166	37777.40	15.6	135401.51	384680	1072.3859 ng/ml
Quetiapine	5.558	6036713	90525.27	60.0	516644.48	103757	779.6573 ng/ml
Sertraline	5.780	388571	751455.47	93.2	771504.95	15251	1020.4826 ng/ml
Temazepam	5.814	2315149	631.33	30.7	30018.77	134295	887.1804 ng/ml
Tramadol	4.239	9544744	996.15	3.5	∞	503970	880.5362 ng/ml
Trazodone	5.141	7135946	218200.10	66.9	504836.40	285068	904.3798 ng/ml
Venlafaxine	5.042	10915170	72796.24	35.6	9604.86	545203	1065.4678 ng/ml
Zolpidem	4.905	10855679	544079.32	28.7	4881.15	633921	881.6786 ng/ml

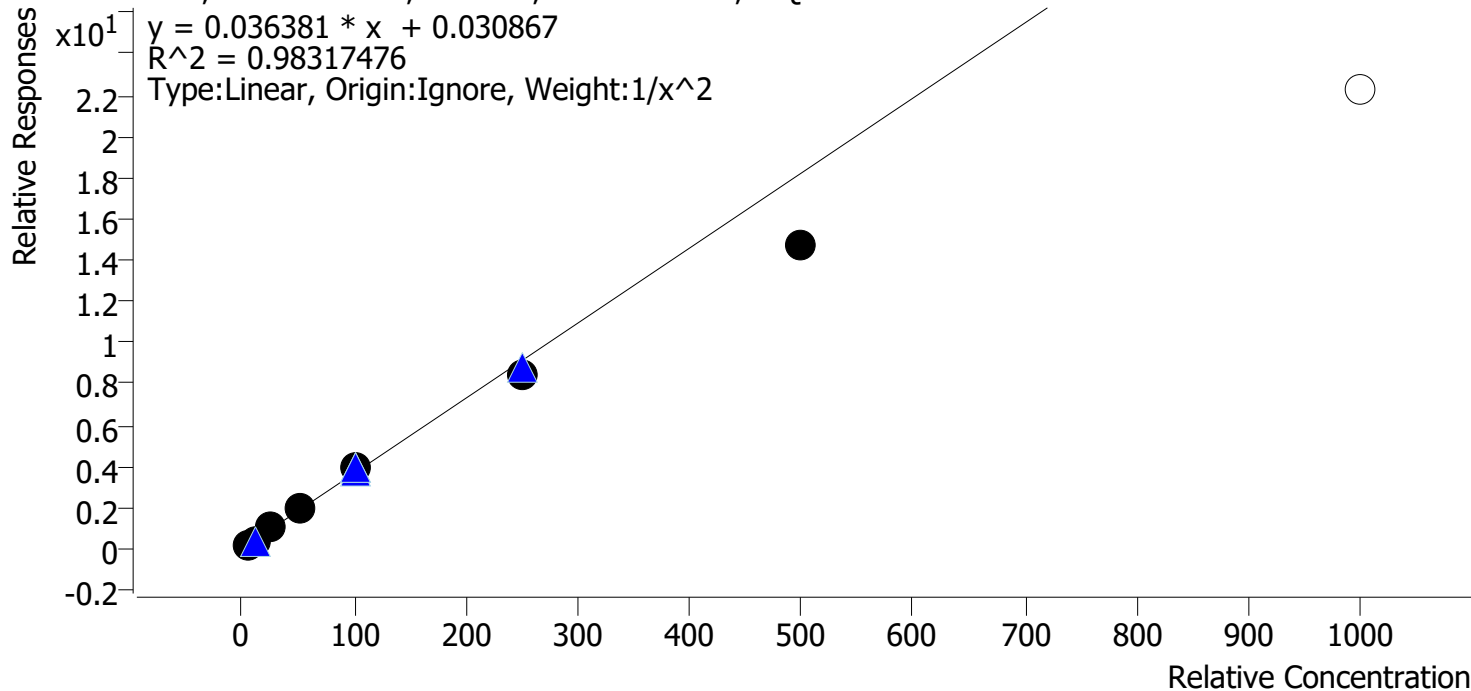
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



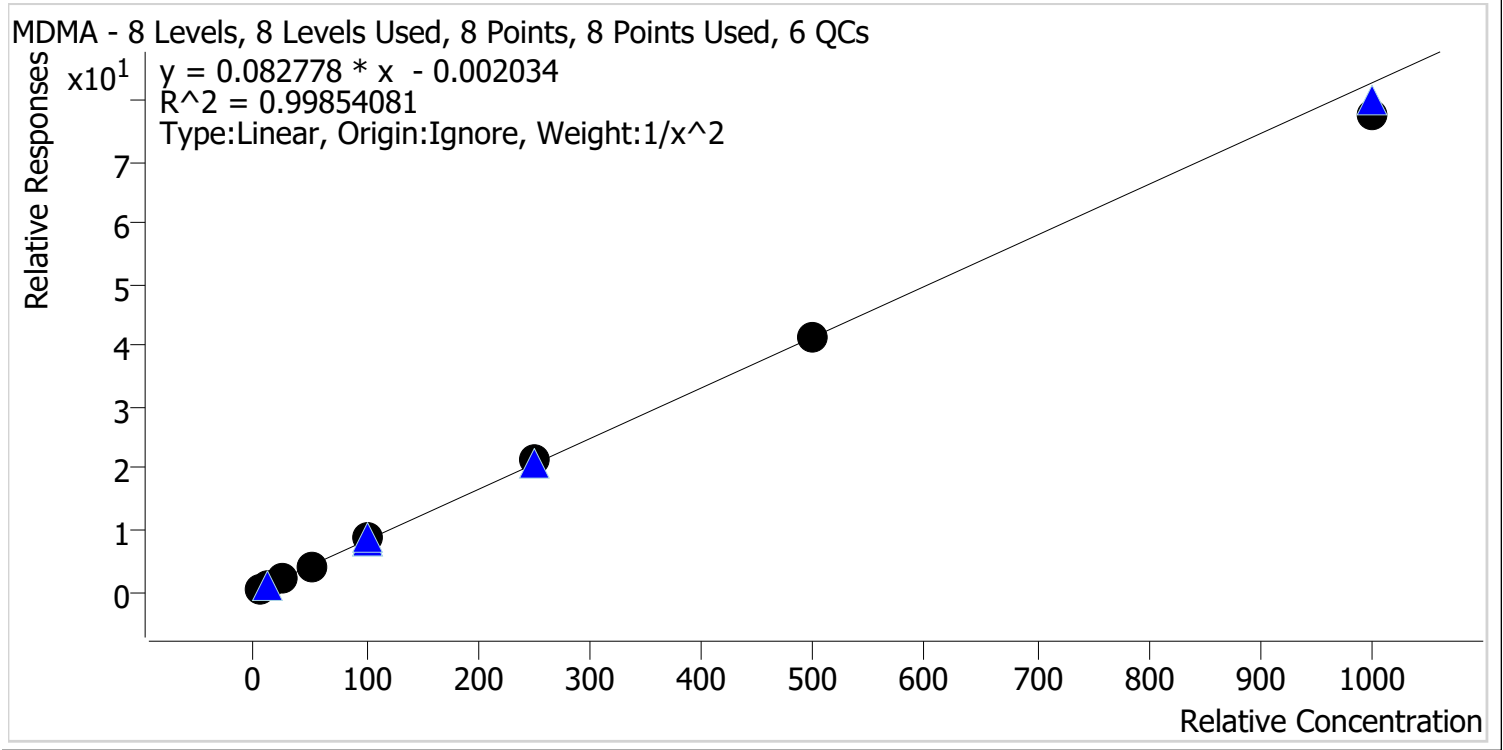
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p1 Cal 3 -25ng	3	✓	25.0	27.2	108.6
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	110.1	110.1
p1 Cal 6-250ng	6	✓	250.0	230.5	92.2
p1 Cal 7-500ng	7	✓	500.0	403.5	80.7
p1 Cal 8-1000ng	8	✗	1000.0	611.3	61.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	501.8	100.4
p1 Cal 8-1000ng	8	✓	1000.0	935.1	93.5

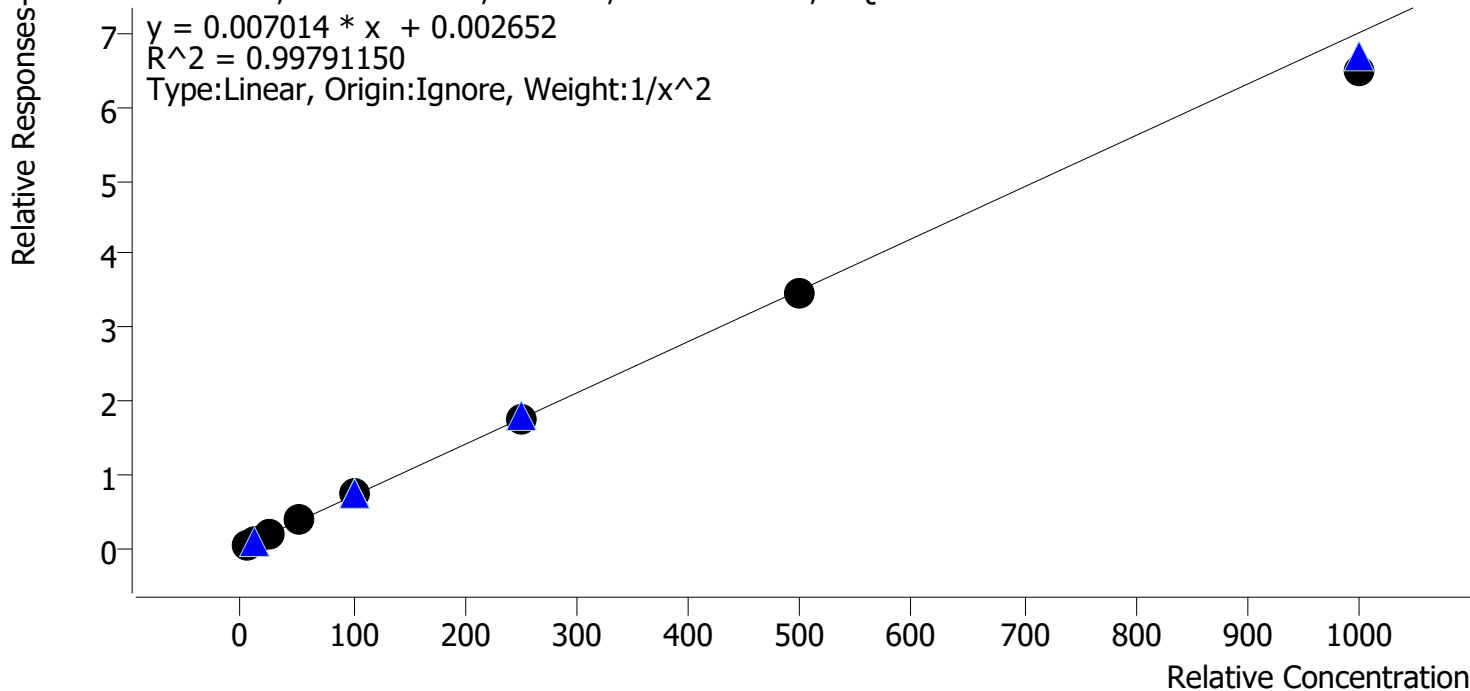
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



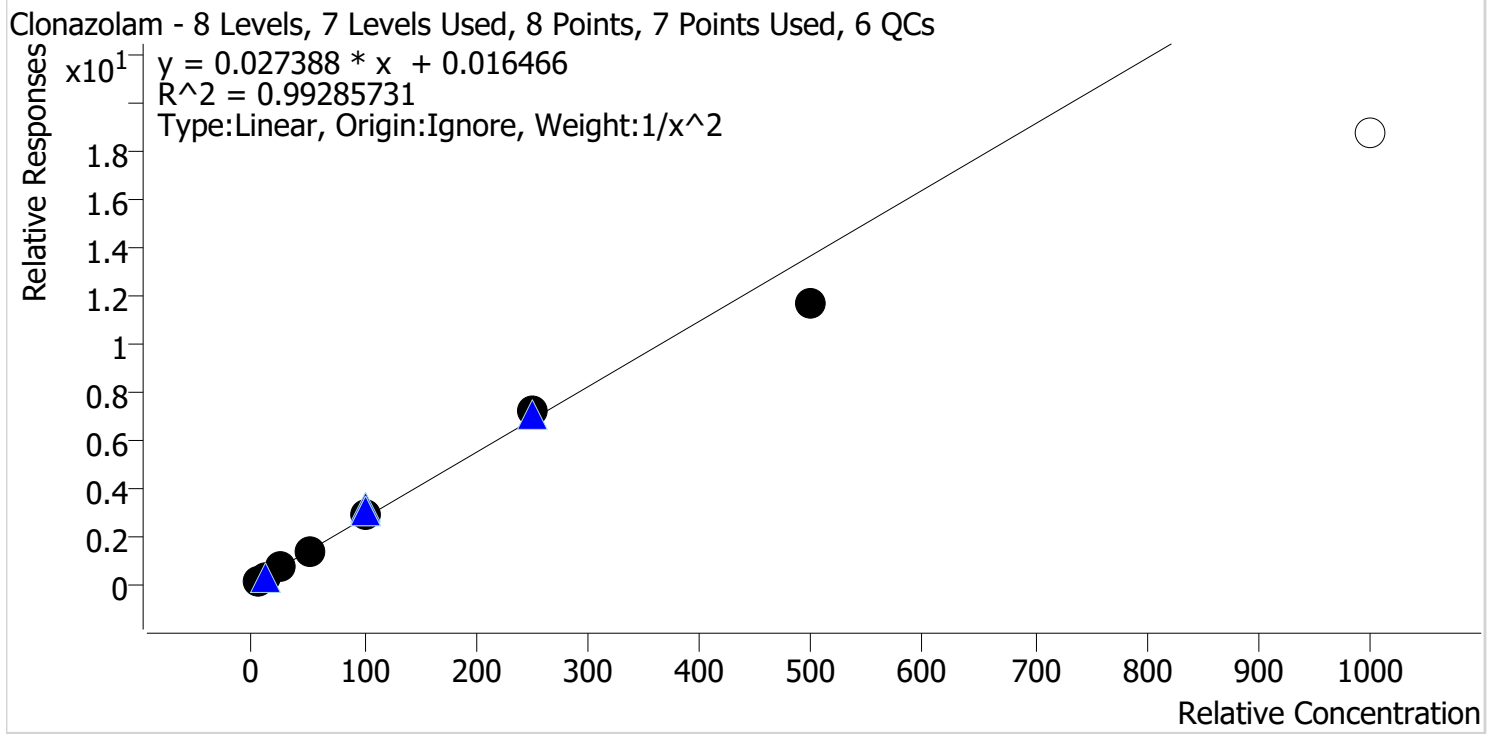
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
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p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	491.7	98.3
p1 Cal 8-1000ng	8	✓	1000.0	929.1	92.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	264.1	105.7
p1 Cal 7-500ng	7	✓	500.0	427.1	85.4
p1 Cal 8-1000ng	8	✗	1000.0	686.0	68.6

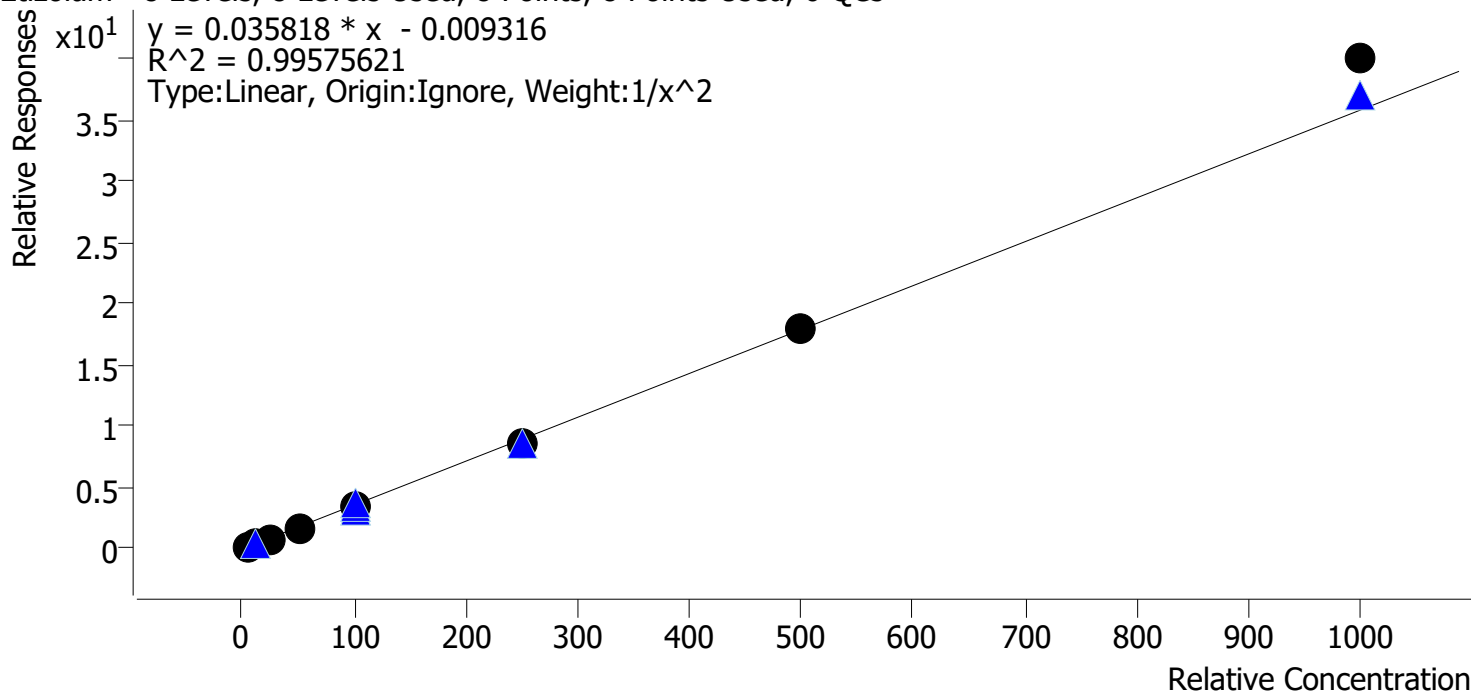
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



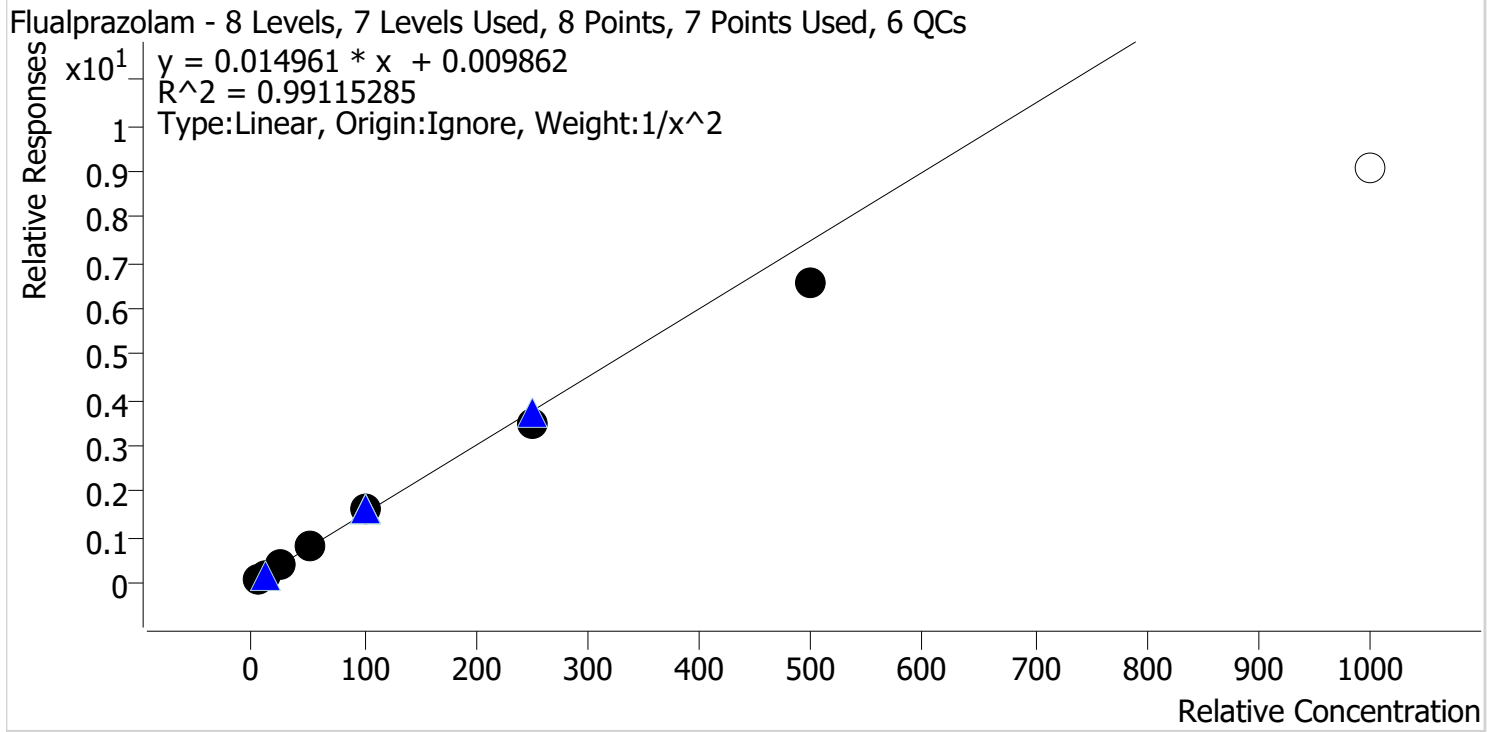
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	46.4	92.8
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1117.4	111.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



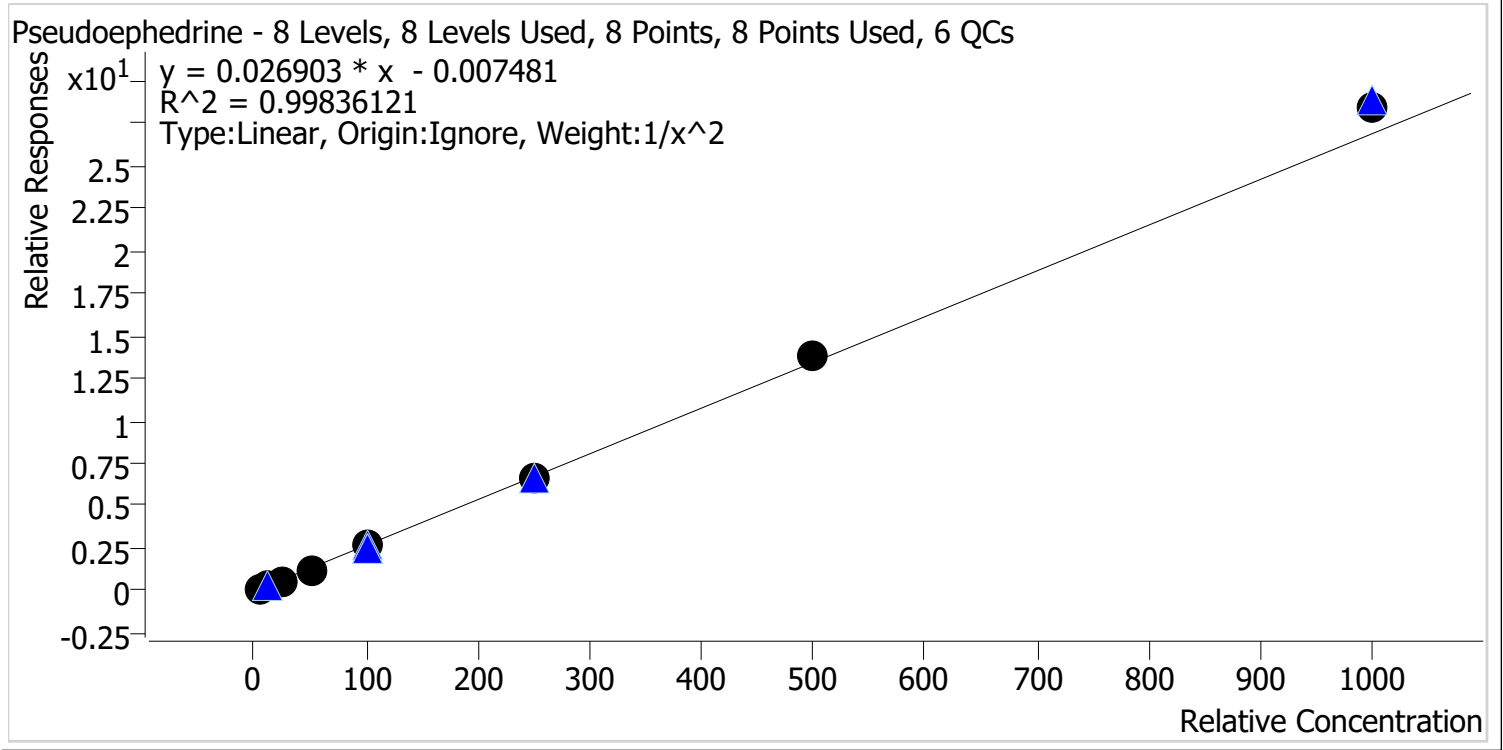
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	232.7	93.1
p1 Cal 7-500ng	7	✓	500.0	437.1	87.4
p1 Cal 8-1000ng	8	✗	1000.0	603.4	60.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datator
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



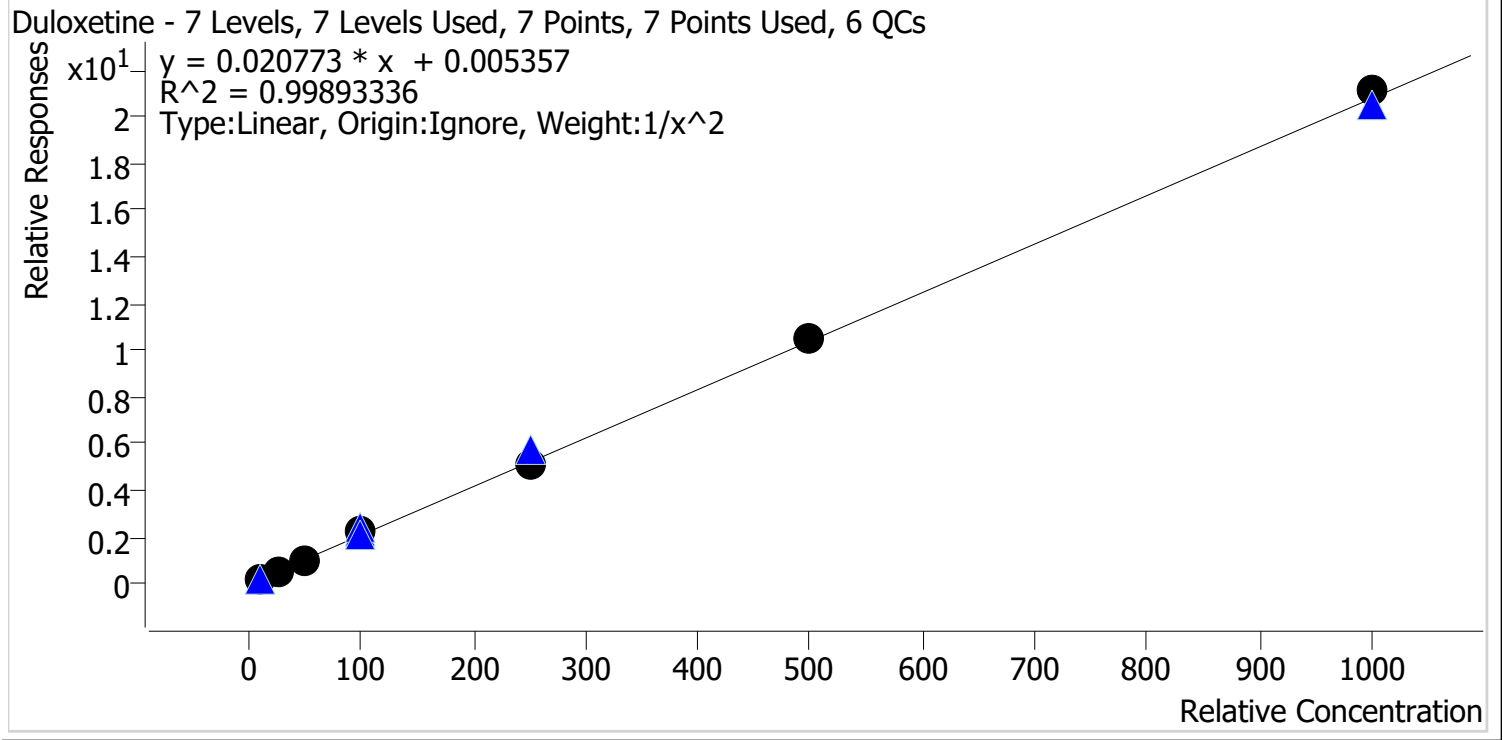
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	248.1	99.3
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1061.5	106.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	501.9	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1015.8	101.6

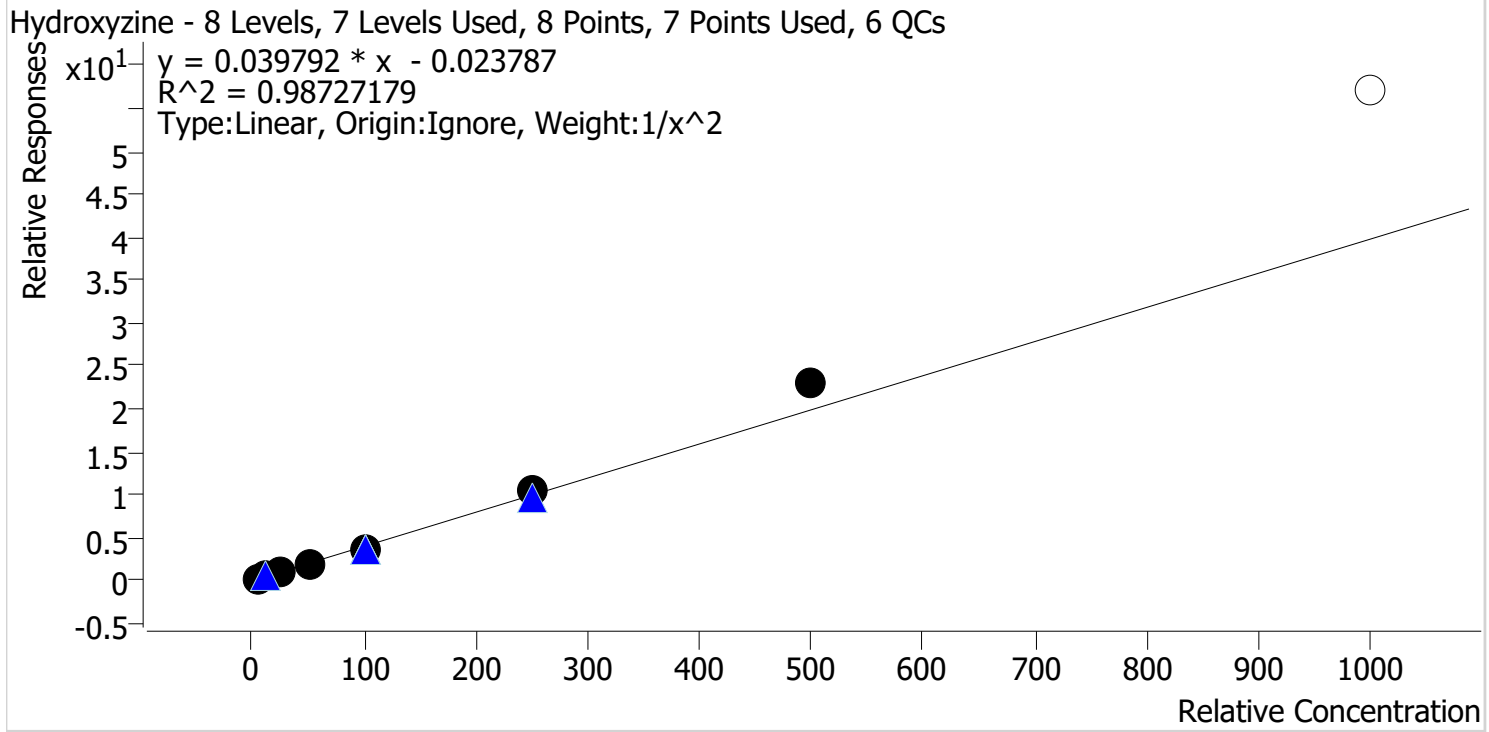
Compound not evaluated in this run due to response in negative control.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



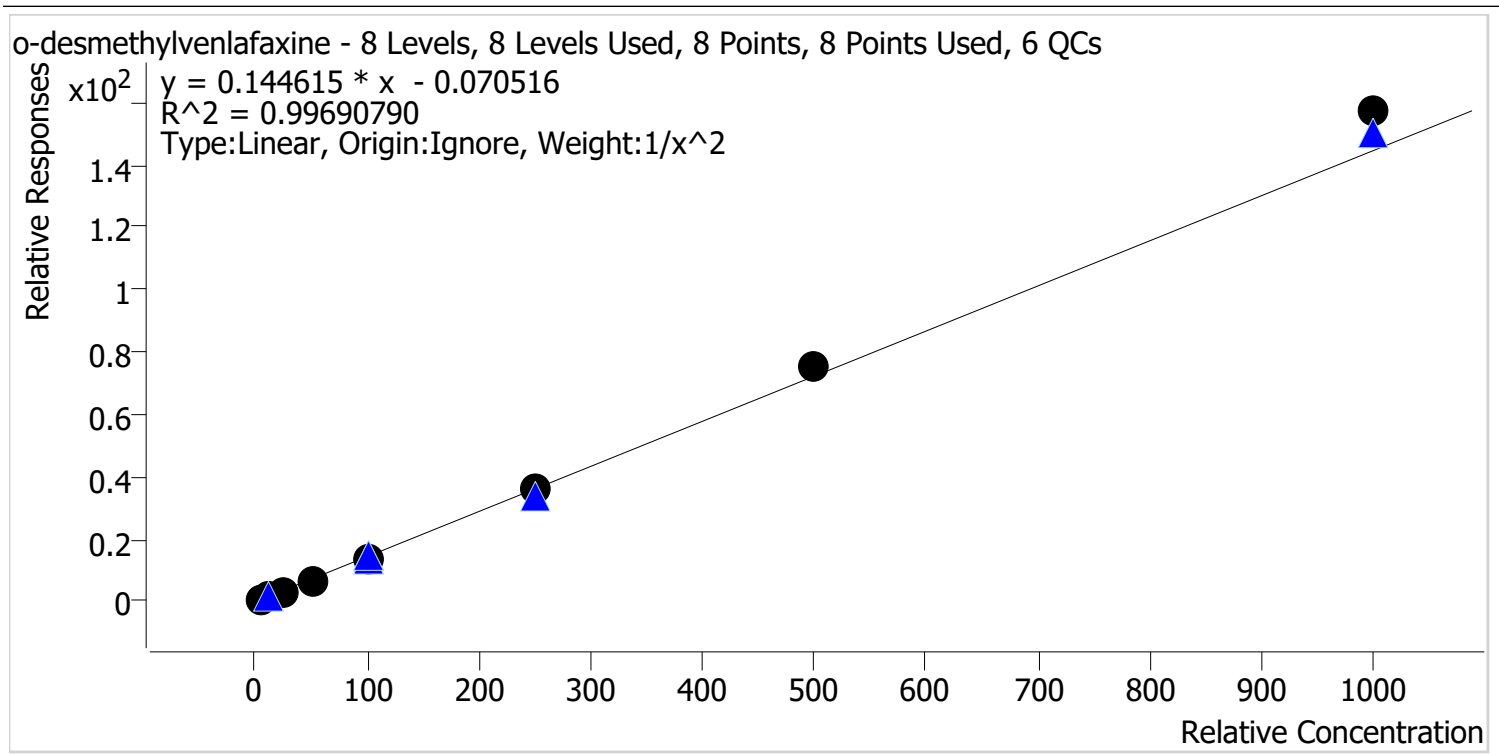
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	43.6	87.1
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	✓	250.0	266.6	106.6
p1 Cal 7-500ng	7	✓	500.0	581.0	116.2
p1 Cal 8-1000ng	8	✗	1000.0	1435.3	143.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1087.3	108.7

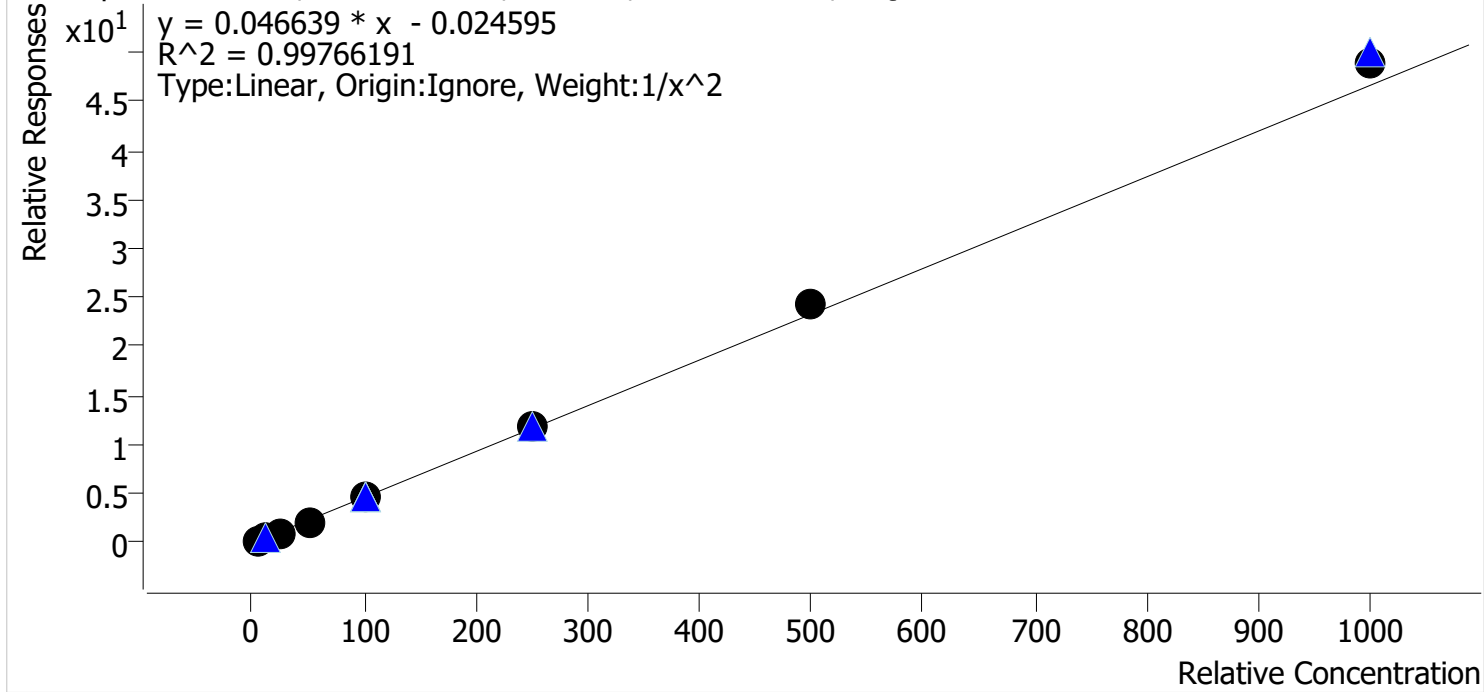
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	521.0	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1052.6	105.3

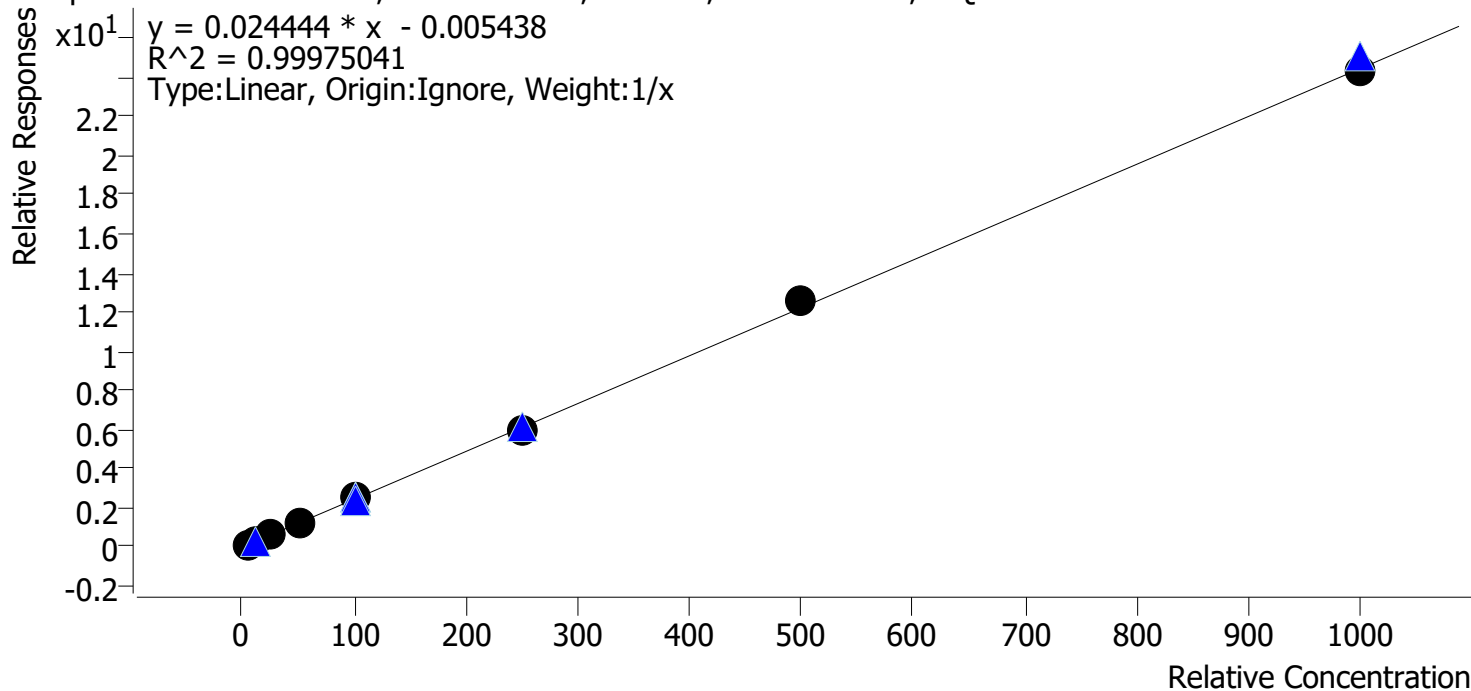
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



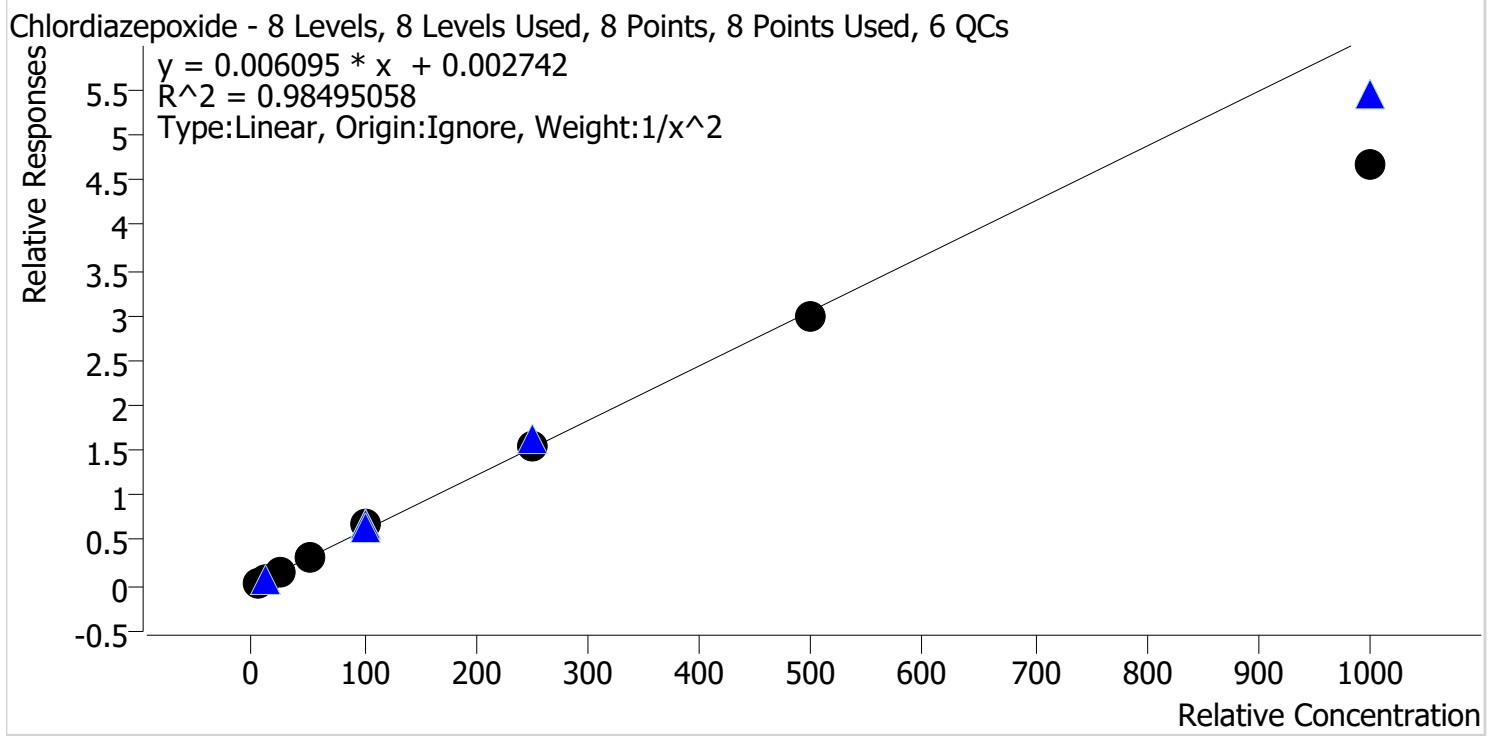
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	994.0	99.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.8	107.7
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	109.7	109.7
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	491.7	98.3
p1 Cal 8-1000ng	8	✓	1000.0	769.5	77.0

Compound not evaluated in this run due to ratios.

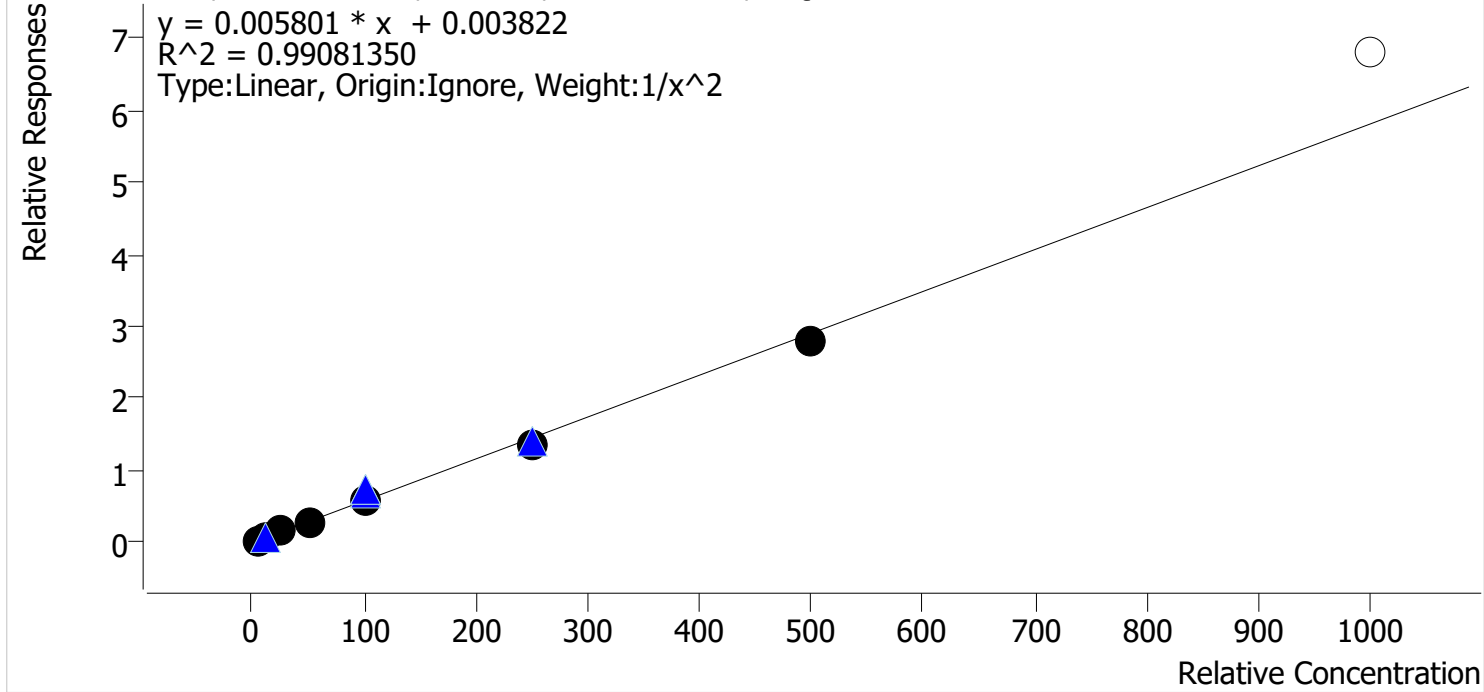
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.8
p1 Cal 2-10ng	2	✓	10.0	11.4	114.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	230.5	92.2
p1 Cal 7-500ng	7	✓	500.0	483.0	96.6
p1 Cal 8-1000ng	8	x	1000.0	1170.5	117.0

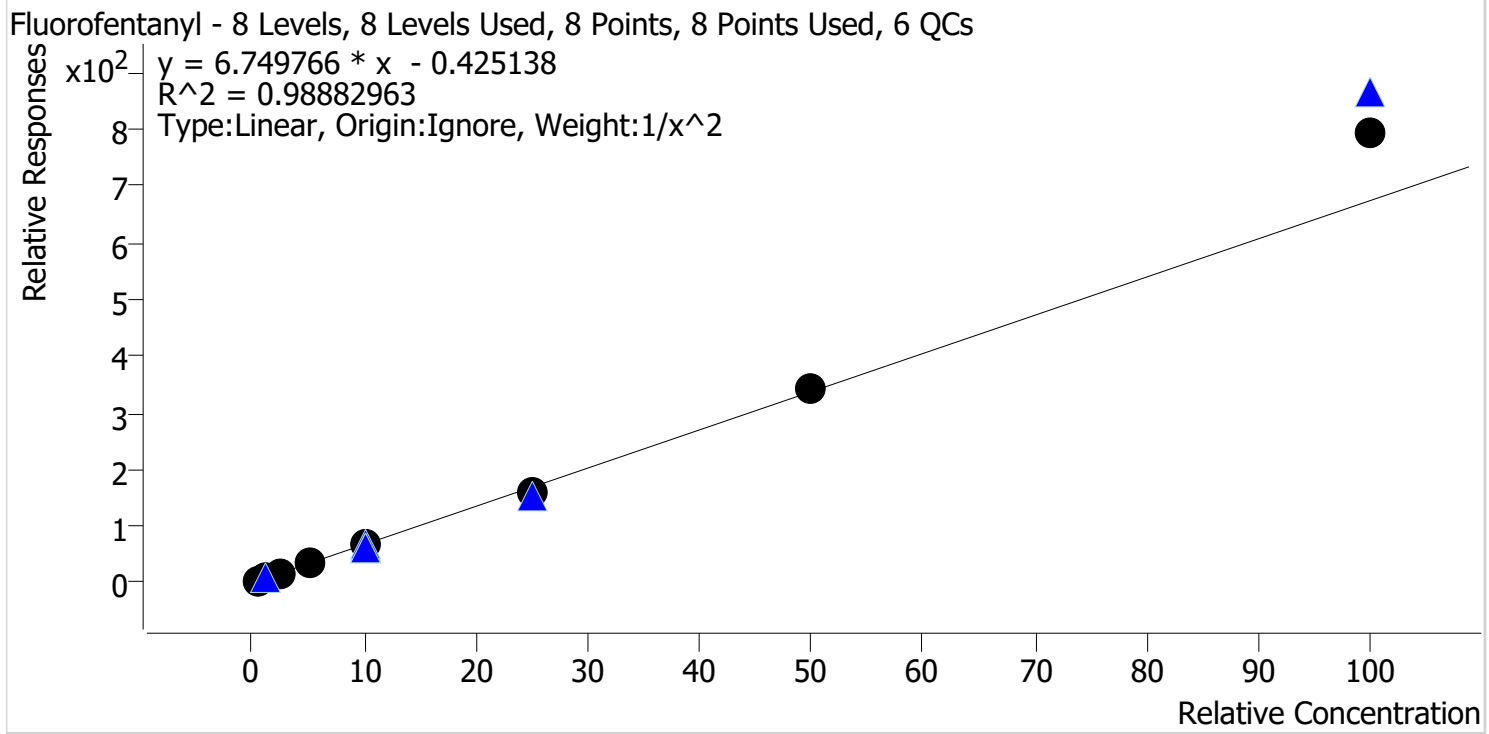
Compound not evaluated in this run due to ratios.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



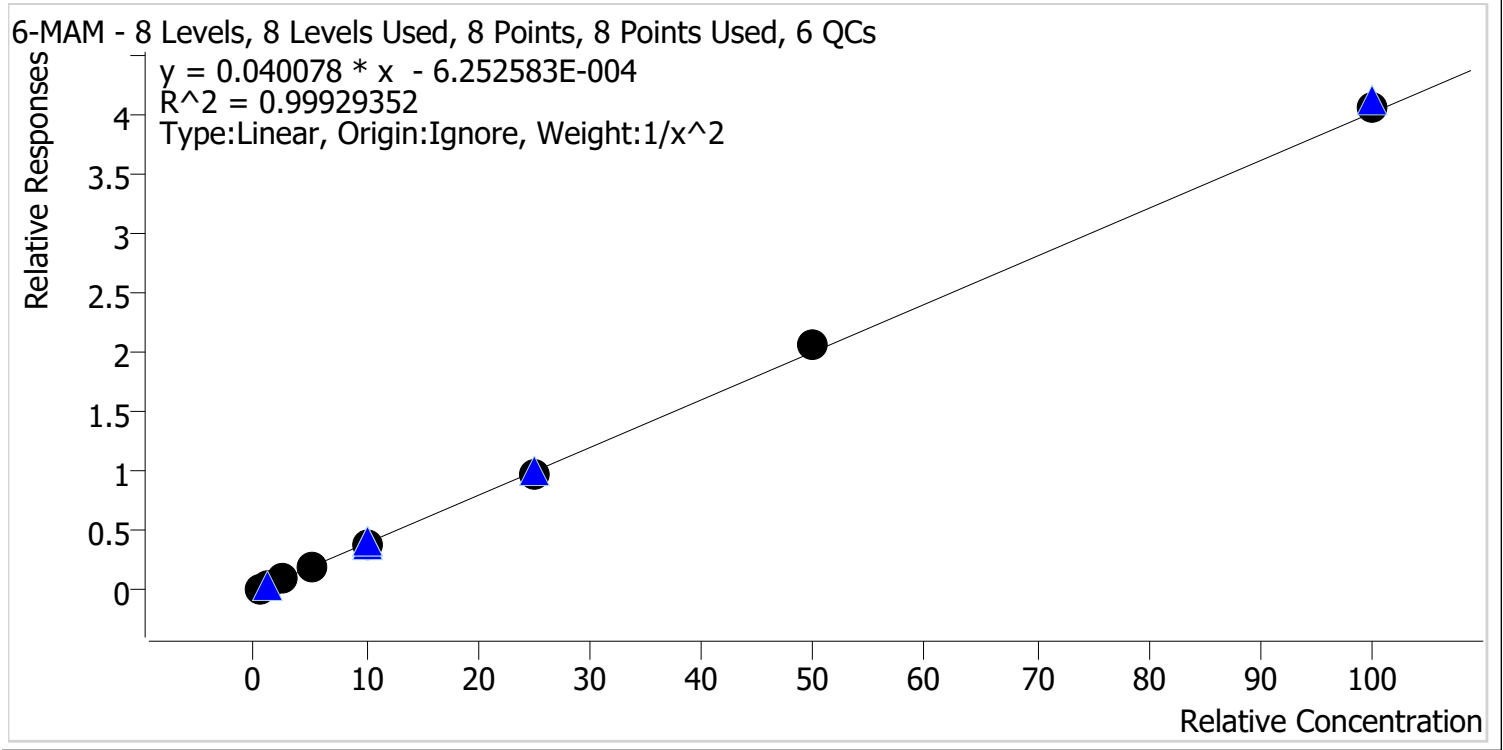
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	106.7
p1 Cal 2-10ng	2	✓	1.0	0.9	90.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.4
p1 Cal 4-50ng	4	✓	5.0	4.9	97.7
p1 Cal 5-100ng	5	✓	10.0	10.0	100.2
p1 Cal 6-250ng	6	✓	25.0	23.5	93.9
p1 Cal 7-500ng	7	✓	50.0	51.0	102.0
p1 Cal 8-1000ng	8	✓	100.0	118.1	118.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



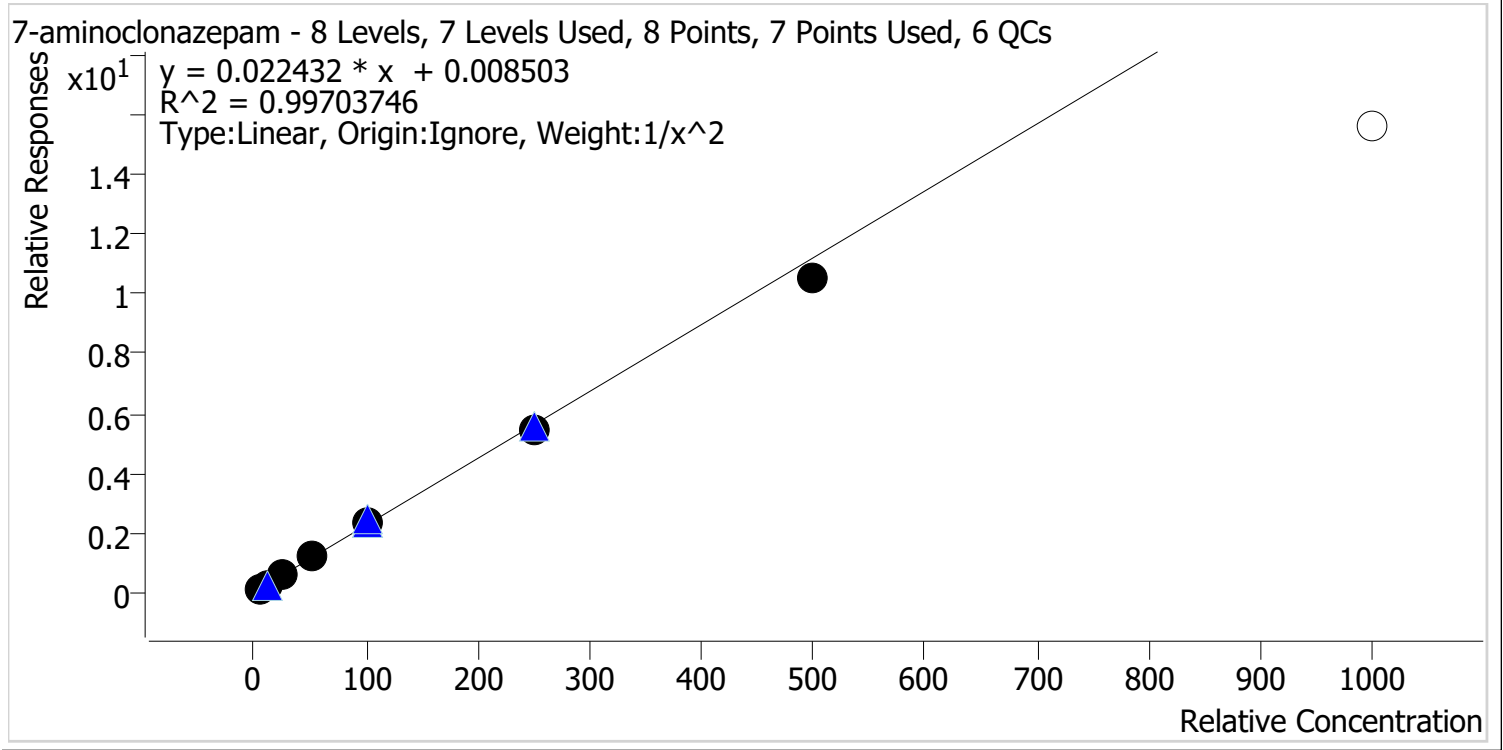
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.2
p1 Cal 2-10ng	2	✓	1.0	1.0	98.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	5.1	101.7
p1 Cal 5-100ng	5	✓	10.0	10.1	100.6
p1 Cal 6-250ng	6	✓	25.0	24.4	97.7
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	101.3	101.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	467.4	93.5
p1 Cal 8-1000ng	8	✗	1000.0	696.5	69.7

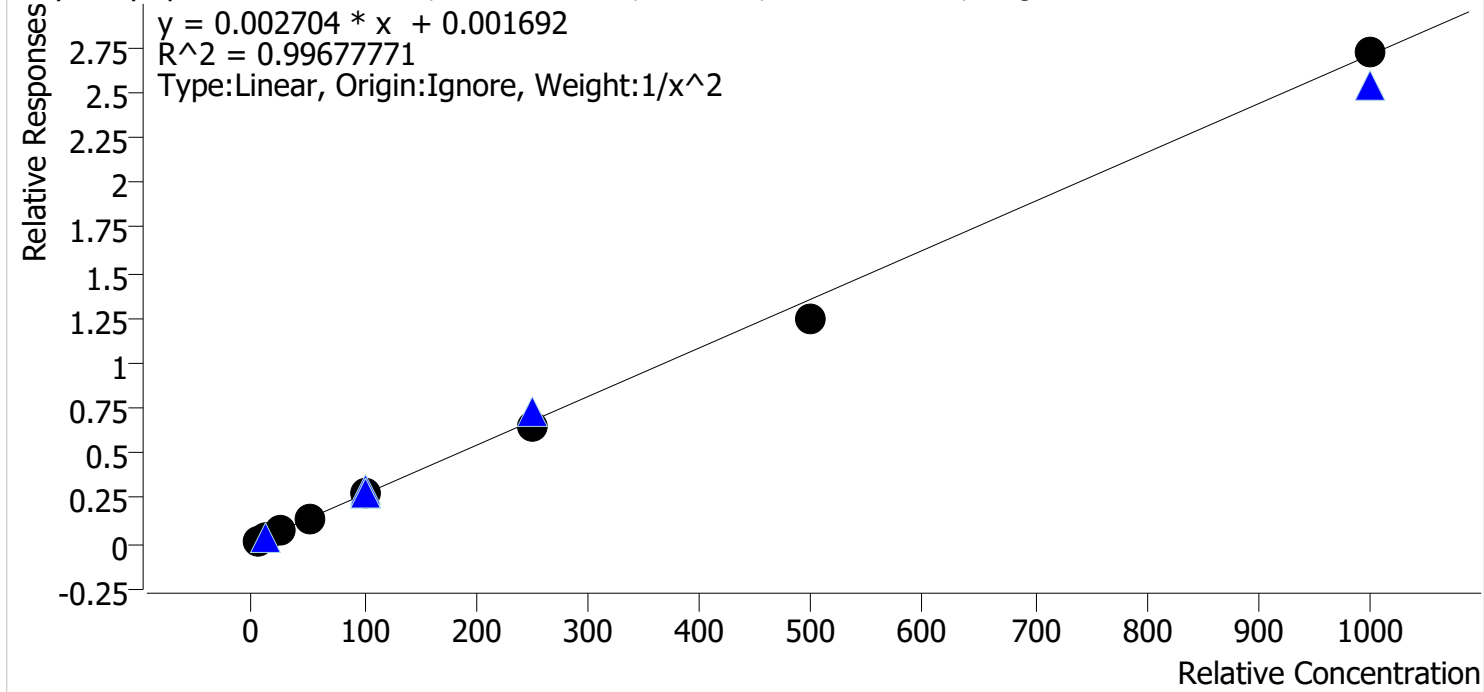
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

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



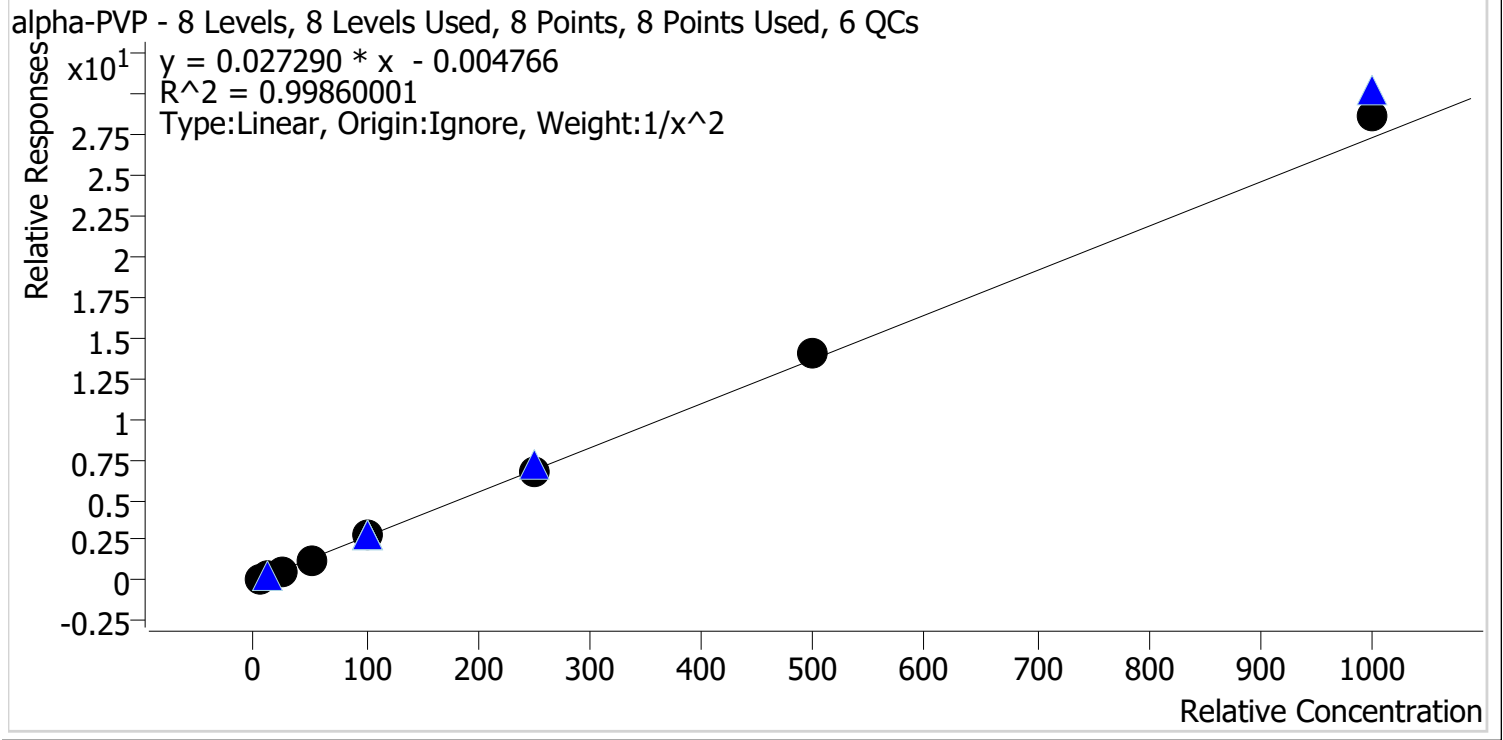
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	237.3	94.9
p1 Cal 7-500ng	7	✓	500.0	459.7	91.9
p1 Cal 8-1000ng	8	✓	1000.0	1004.8	100.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 7/24/2023 12:13 PM
 Analyst Name ISP\Datator
 Analyte alpha-PVP Internal Standard alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	243.1	97.3
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1051.8	105.2

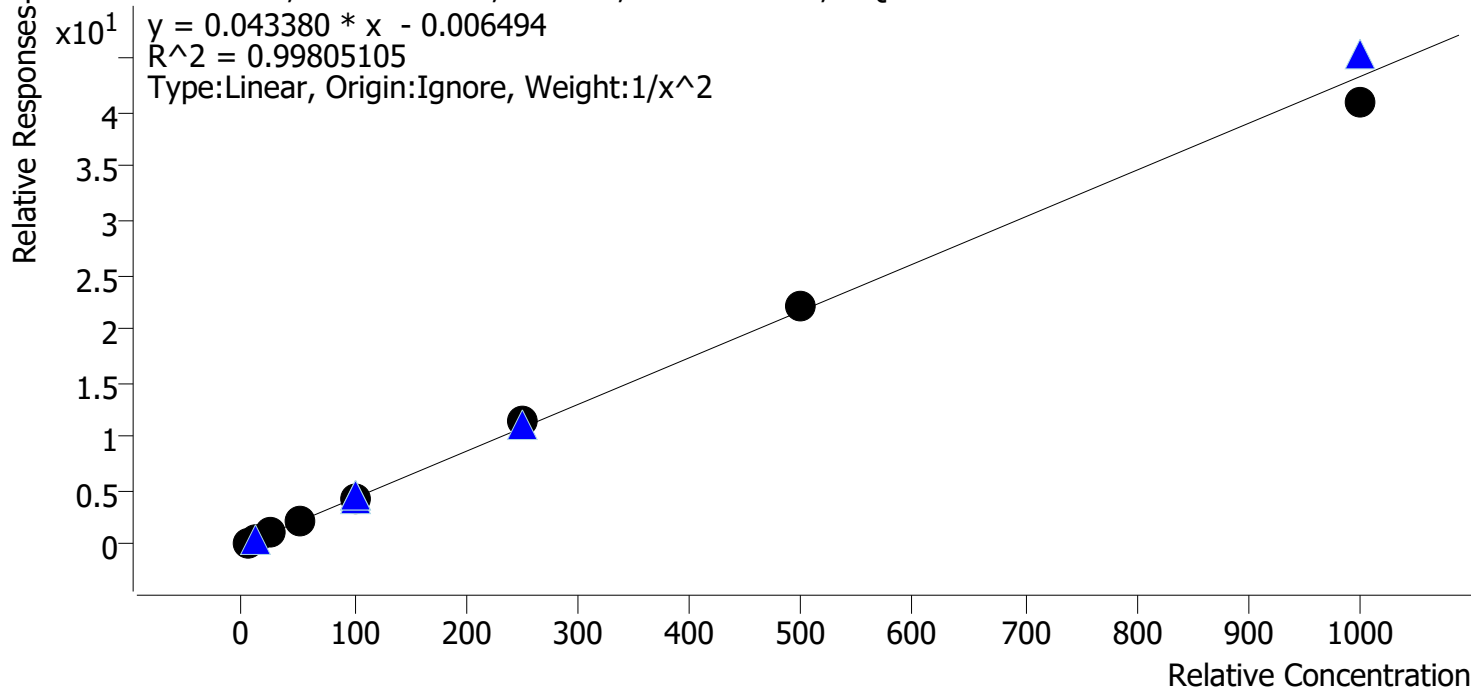
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



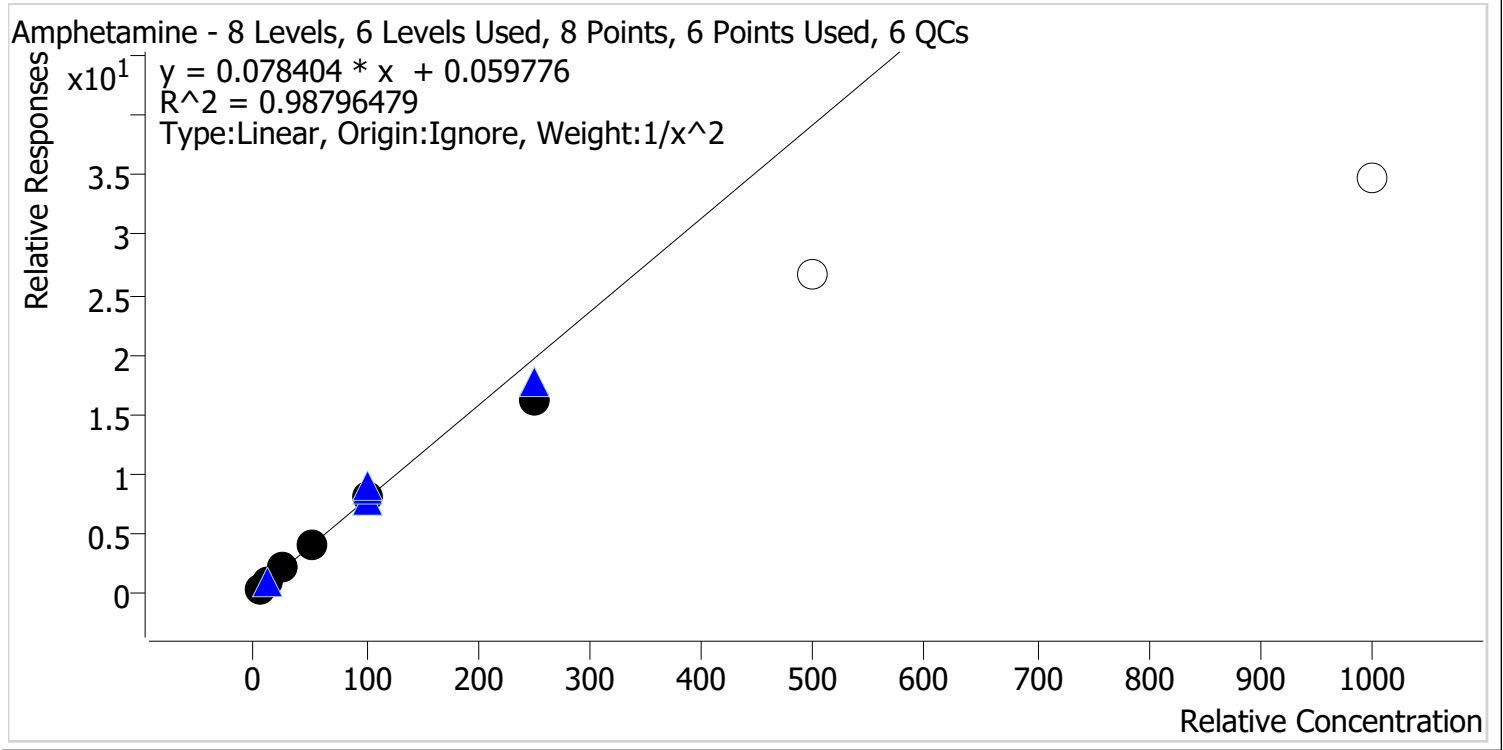
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	262.4	104.9
p1 Cal 7-500ng	7	✓	500.0	513.3	102.7
p1 Cal 8-1000ng	8	✓	1000.0	942.9	94.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	207.7	83.1
p1 Cal 7-500ng	7	x	500.0	340.7	68.1
p1 Cal 8-1000ng	8	x	1000.0	444.5	44.5

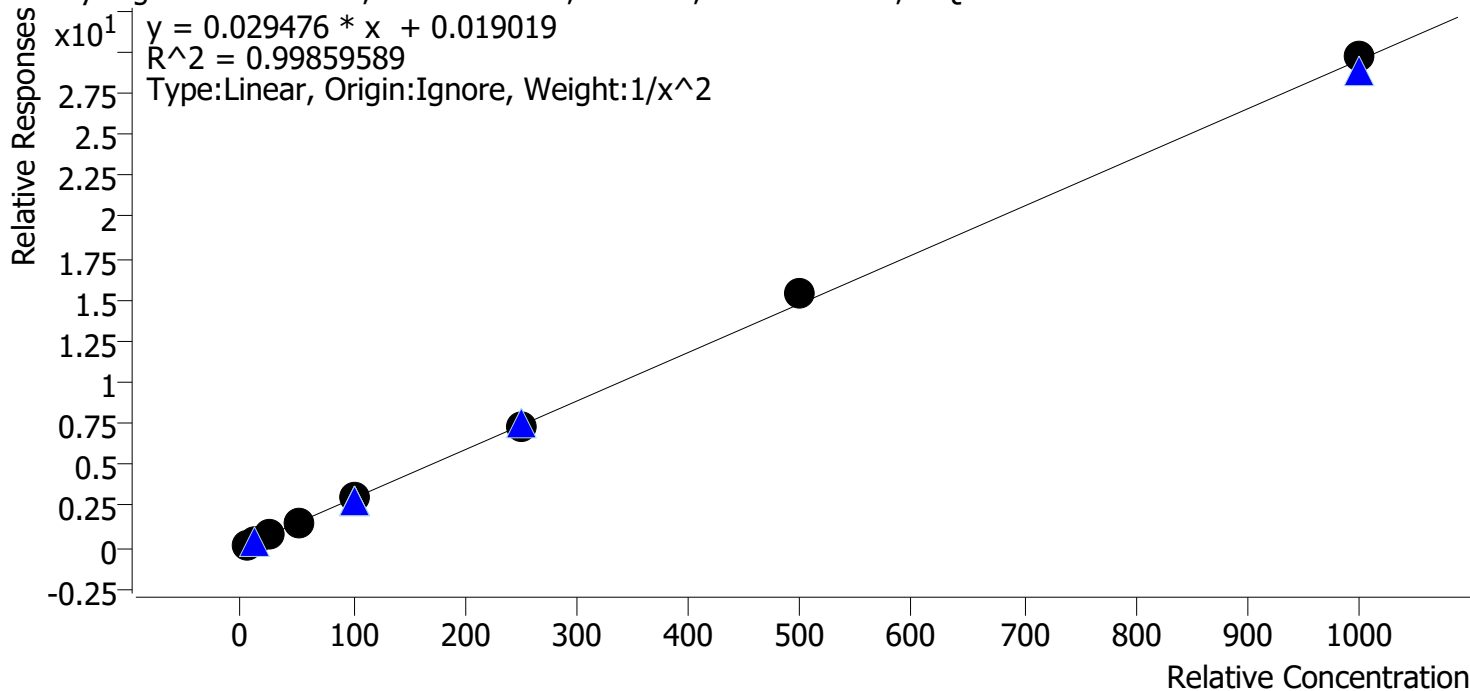
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



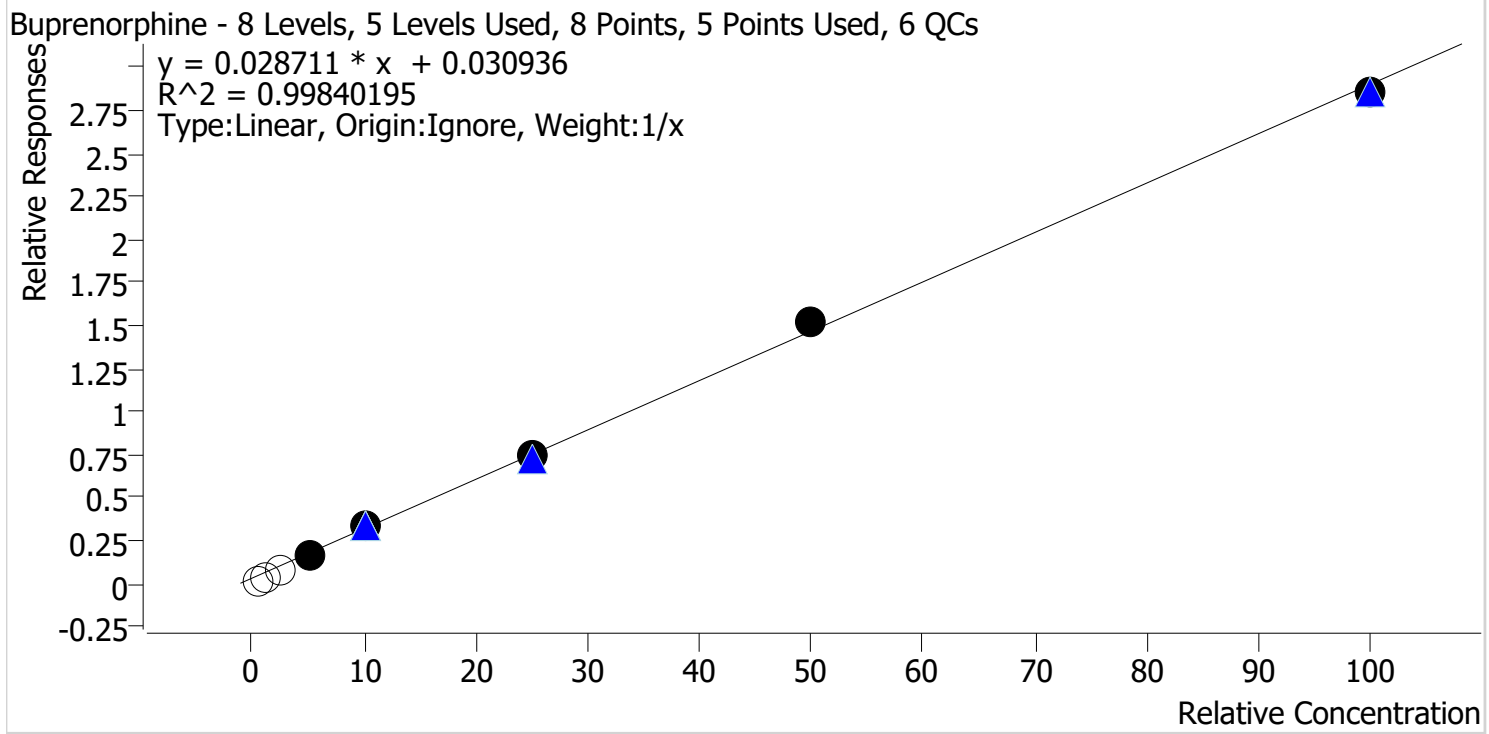
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	519.4	103.9
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\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



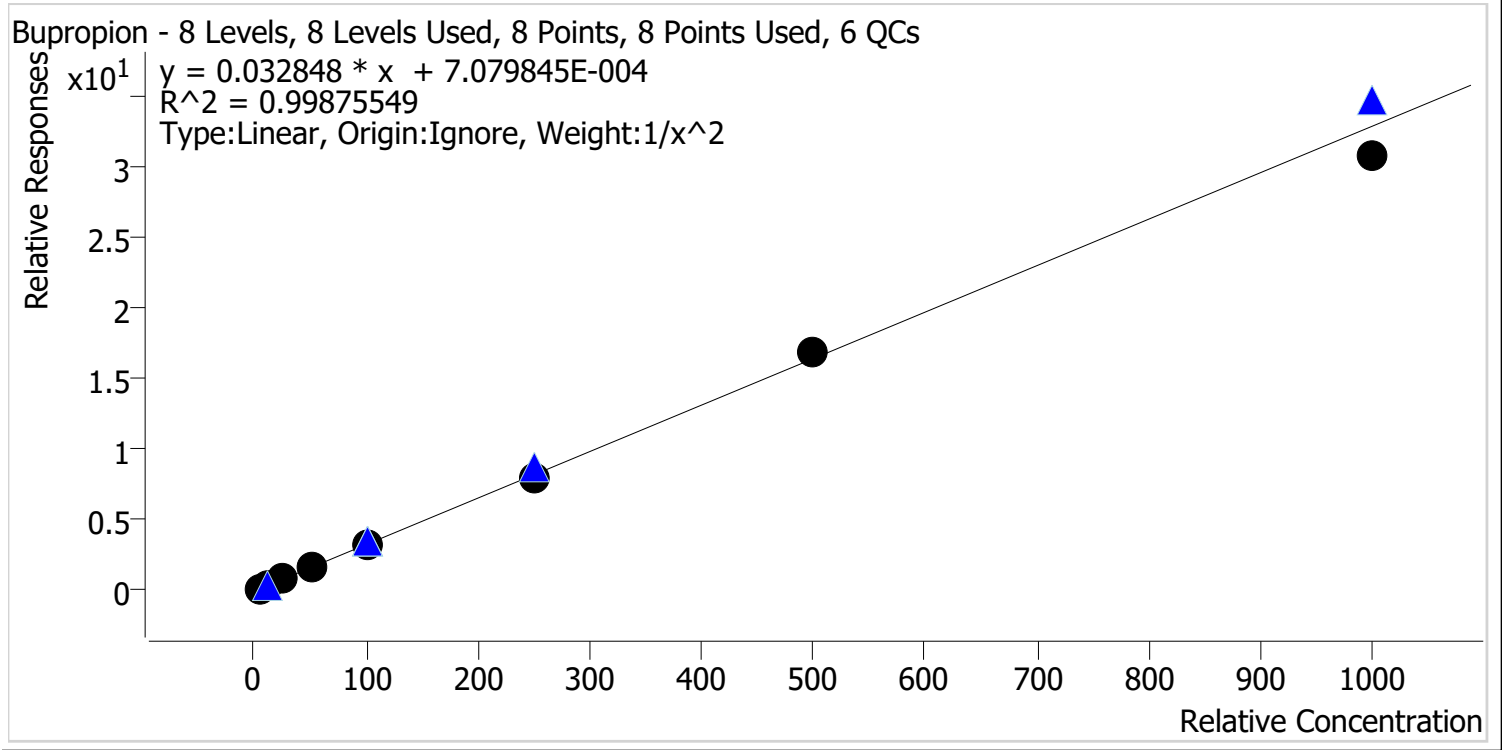
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.0	0.0
p1 Cal 2-10ng	2	x	1.0	0.0	0.0
p1 Cal 3 -25ng	3	x	2.5	1.8	71.7
p1 Cal 4-50ng	4	✓	5.0	4.6	91.5
p1 Cal 5-100ng	5	✓	10.0	10.8	108.5
p1 Cal 6-250ng	6	✓	25.0	24.6	98.4
p1 Cal 7-500ng	7	✓	50.0	51.6	103.3
p1 Cal 8-1000ng	8	✓	100.0	98.3	98.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



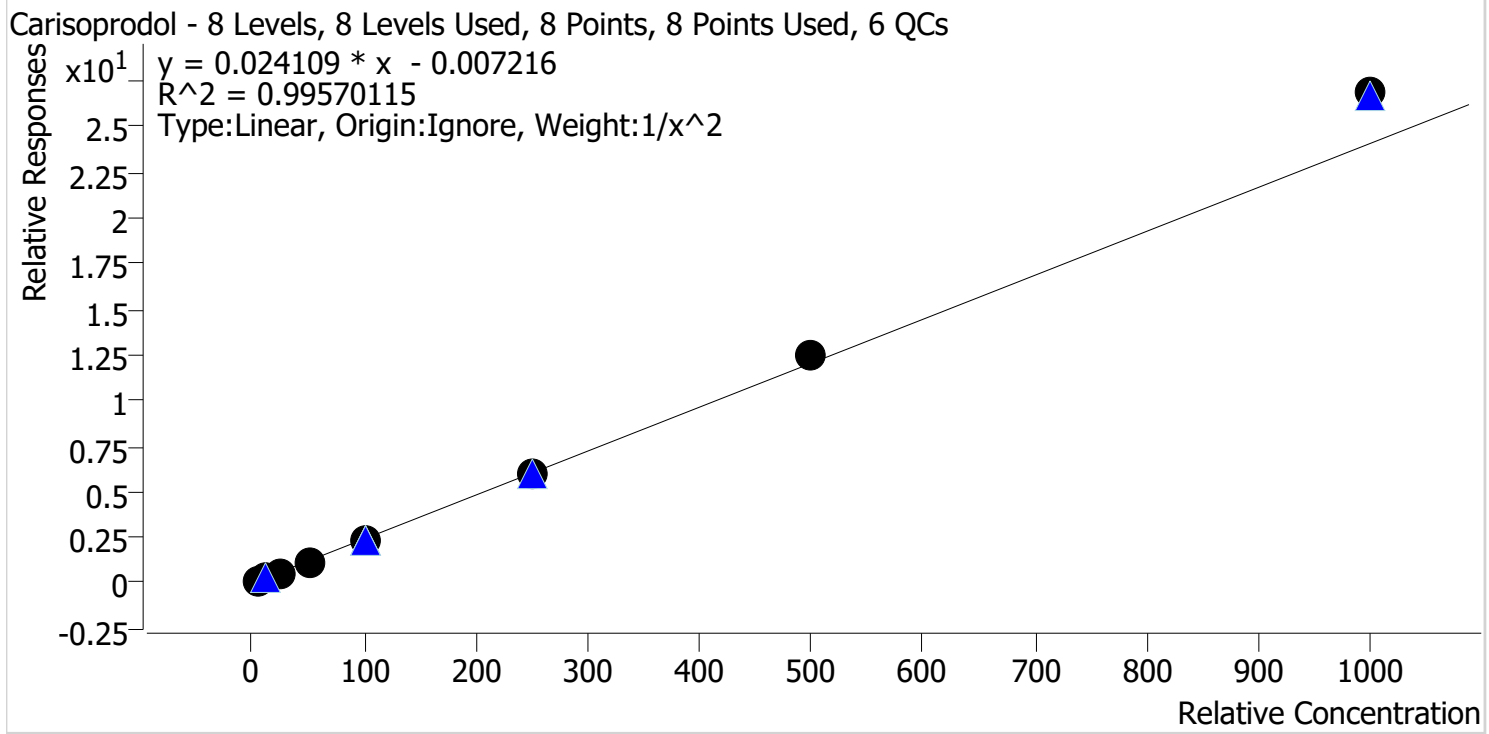
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	516.1	103.2
p1 Cal 8-1000ng	8	✓	1000.0	936.2	93.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



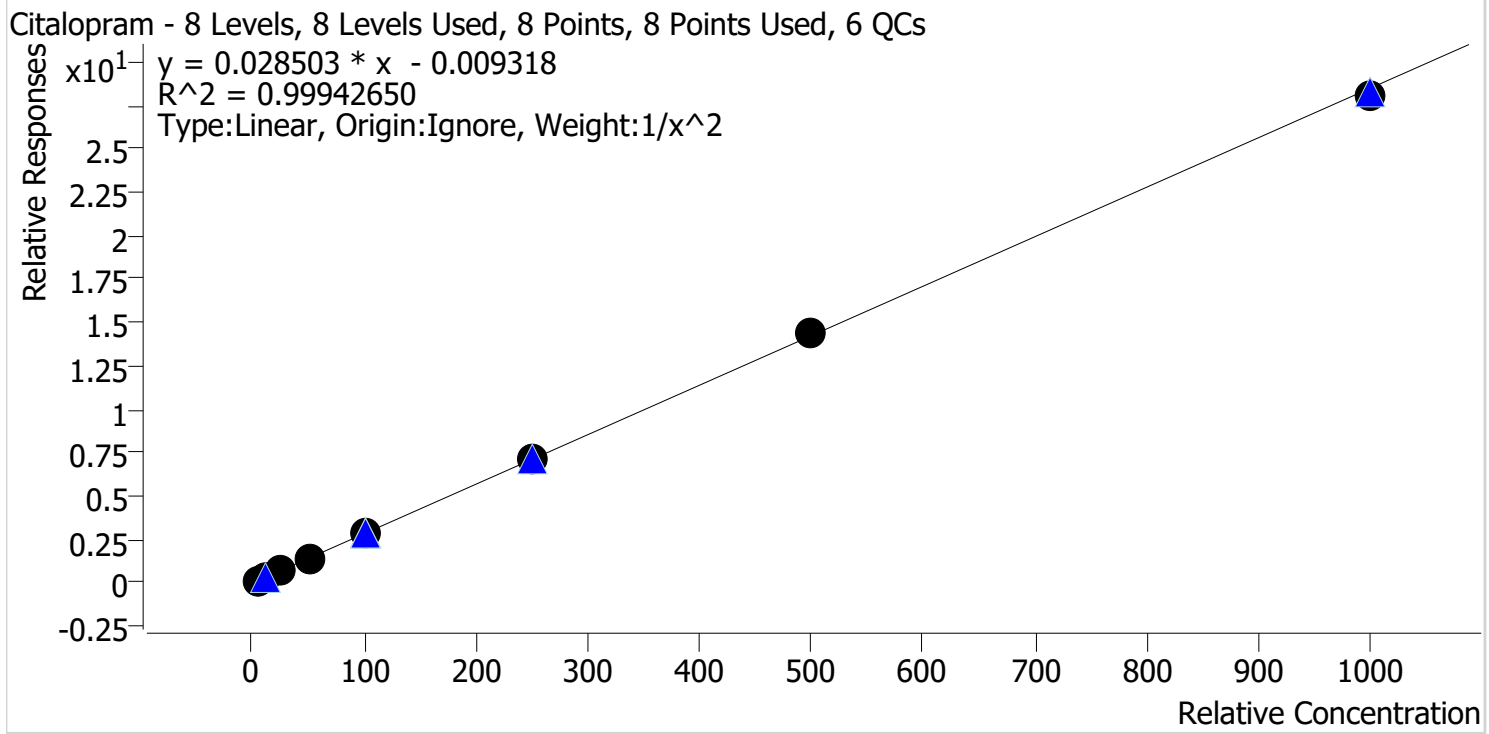
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	93.5	93.5
p1 Cal 6-250ng	6	✓	250.0	244.1	97.7
p1 Cal 7-500ng	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1115.7	111.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



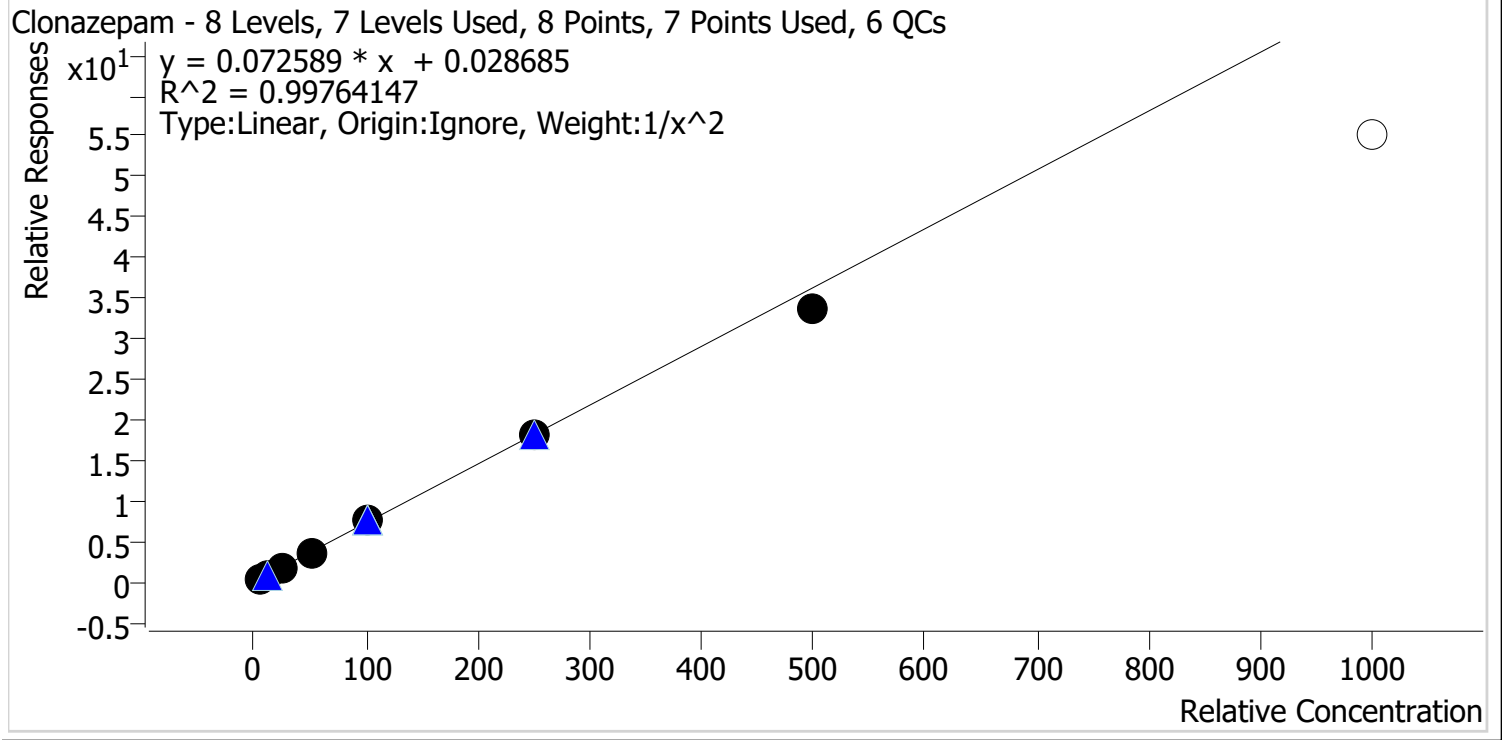
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	988.7	98.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



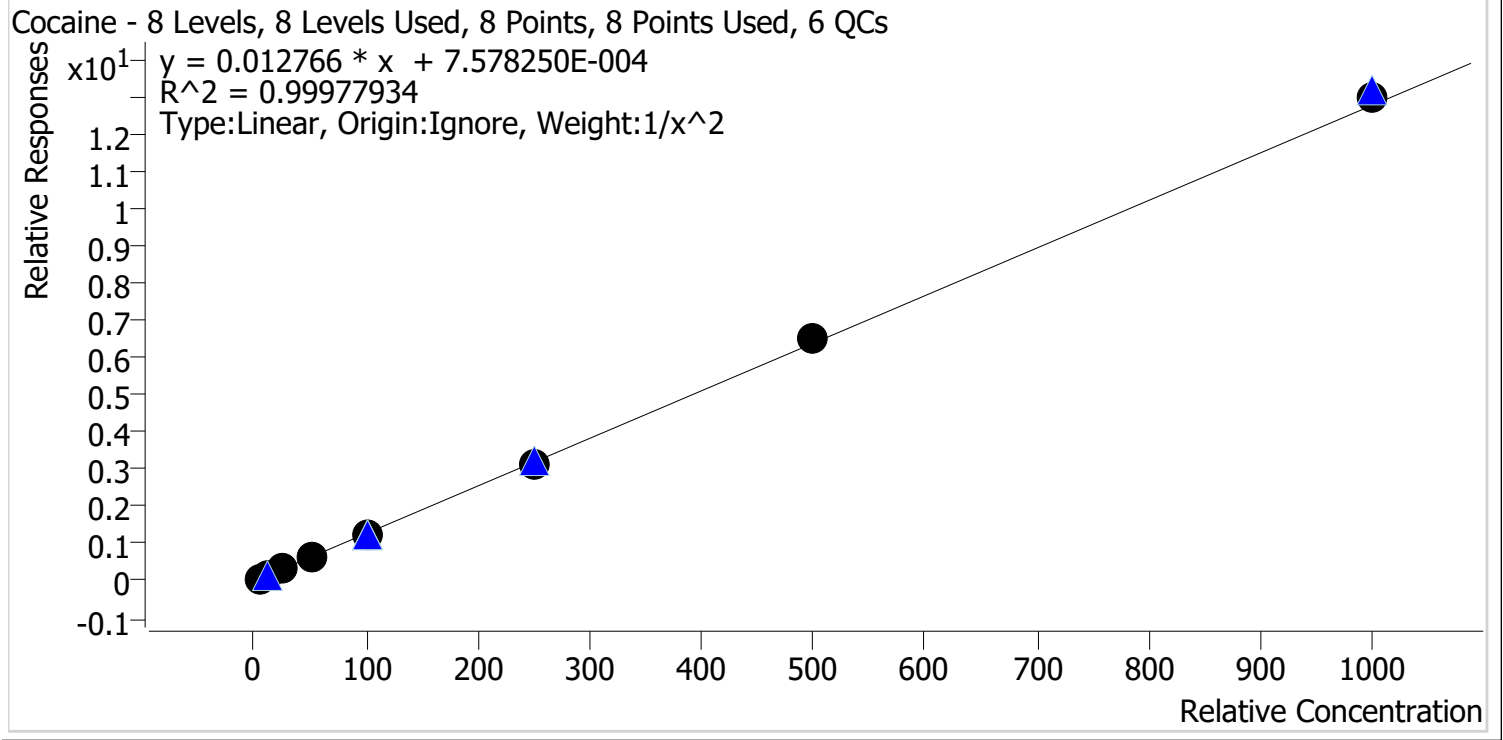
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	462.4	92.5
p1 Cal 8-1000ng	8	✗	1000.0	758.8	75.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	508.3	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1013.8	101.4

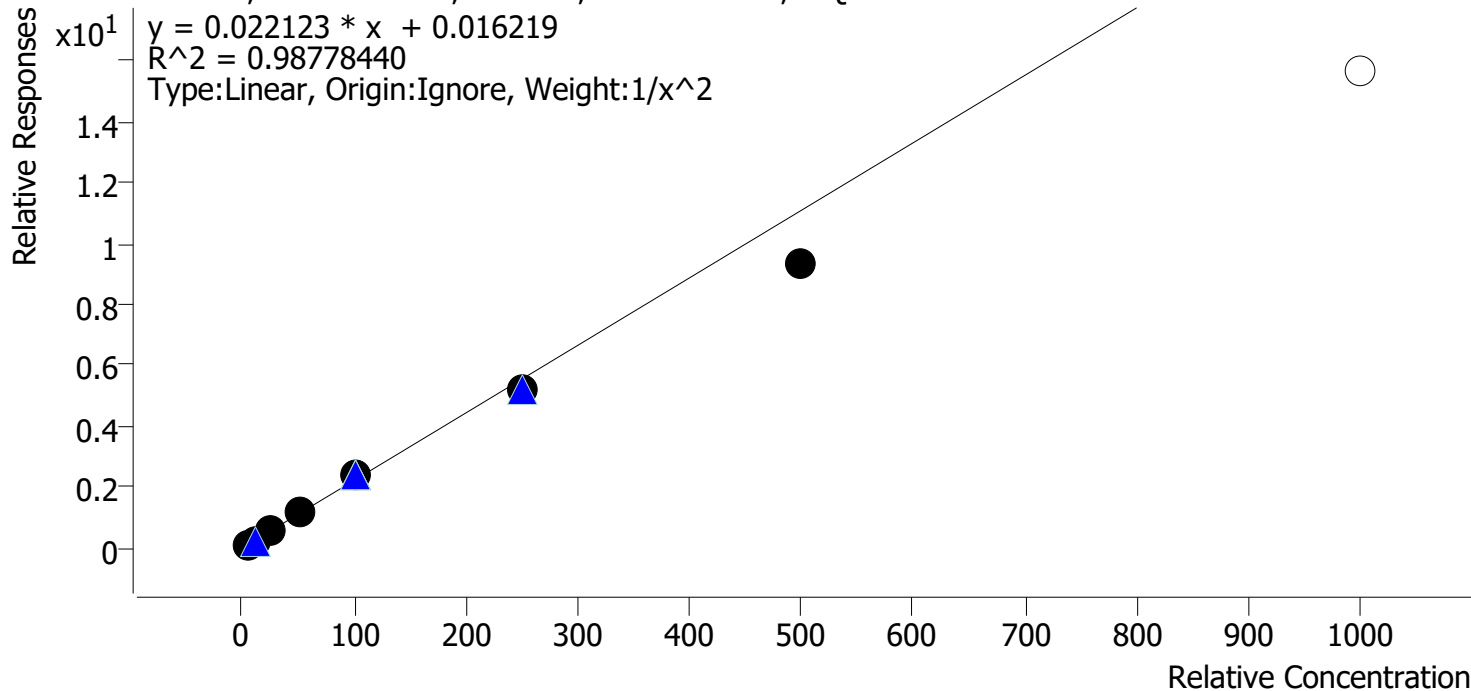
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



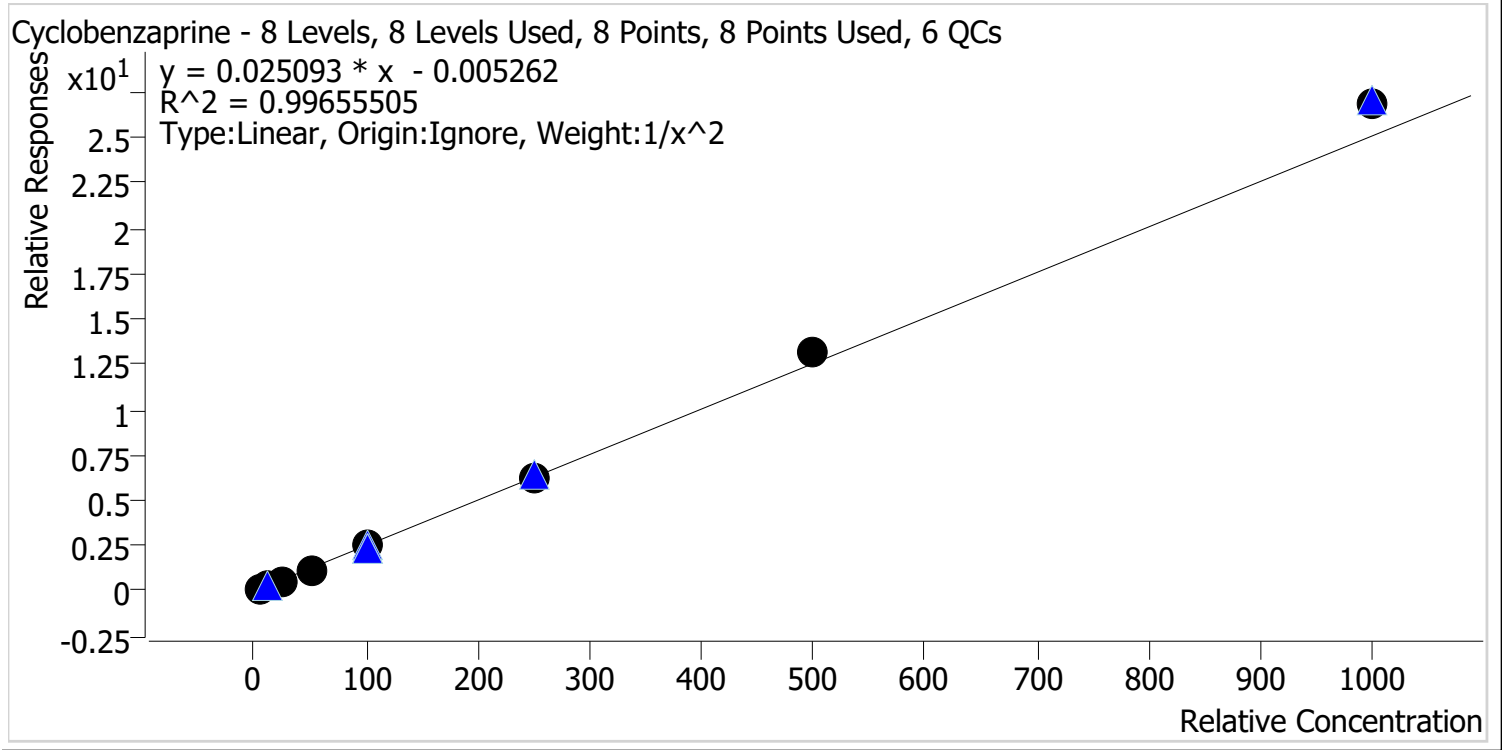
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.8	107.5
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	233.0	93.2
p1 Cal 7-500ng	7	✓	500.0	422.2	84.4
p1 Cal 8-1000ng	8	✗	1000.0	709.2	70.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 7/24/2023 12:13 PM
 Analyst Name ISP\Datator
 Analyte Cyclobenzaprine Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	526.8	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1072.8	107.3

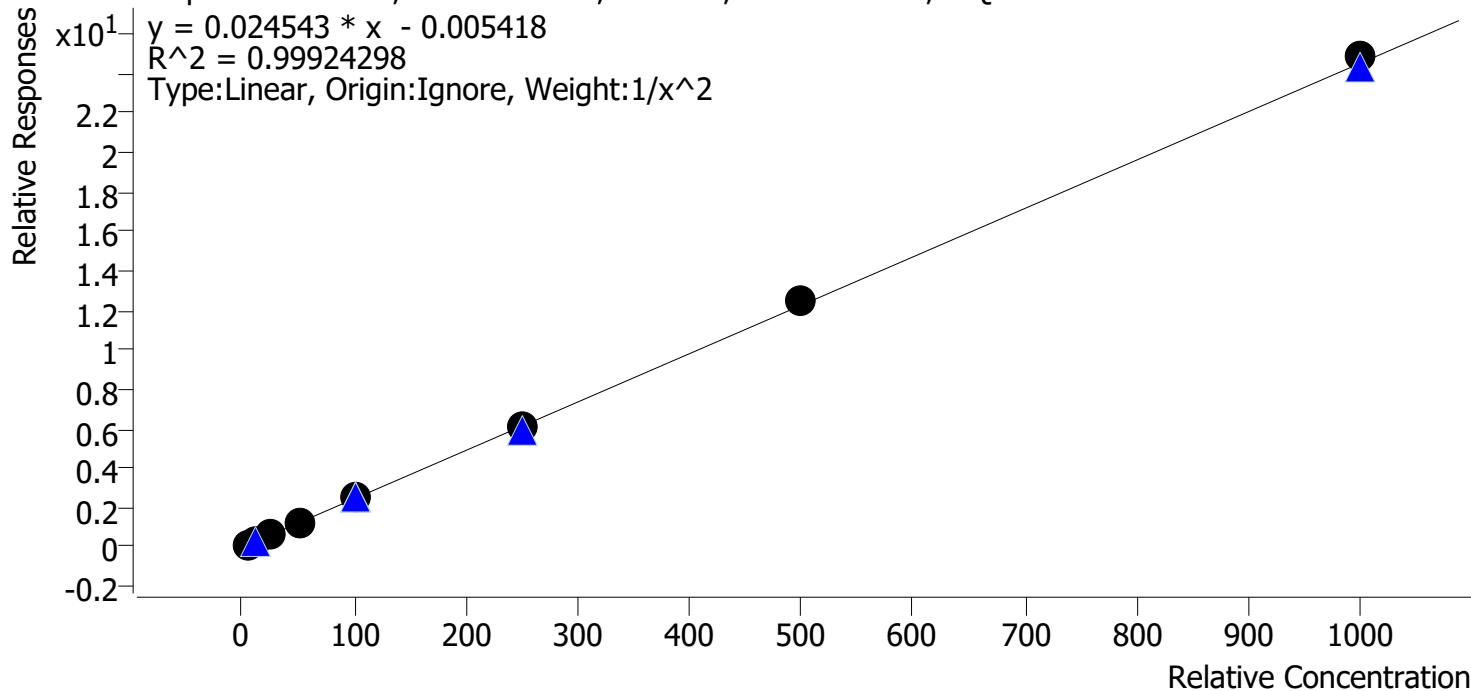
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



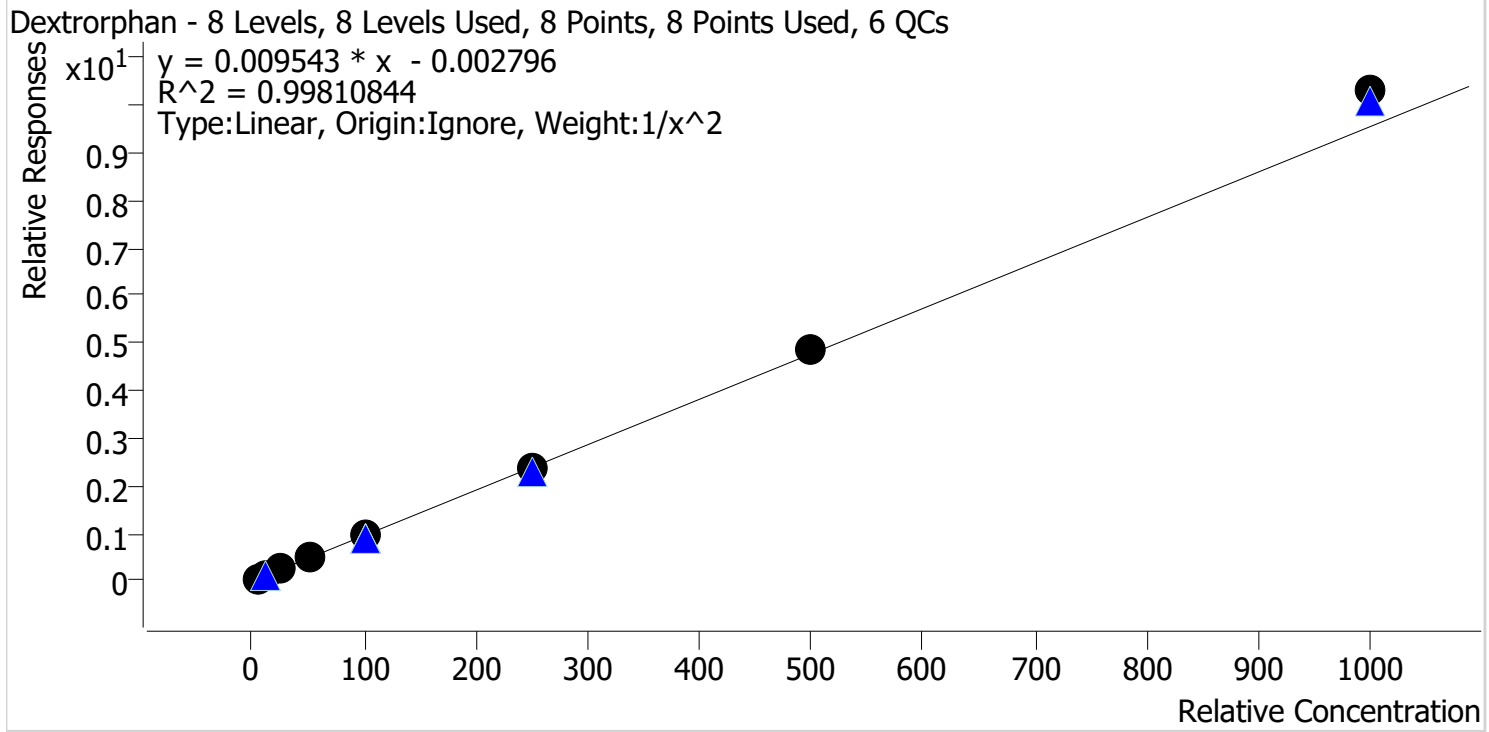
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1013.9	101.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



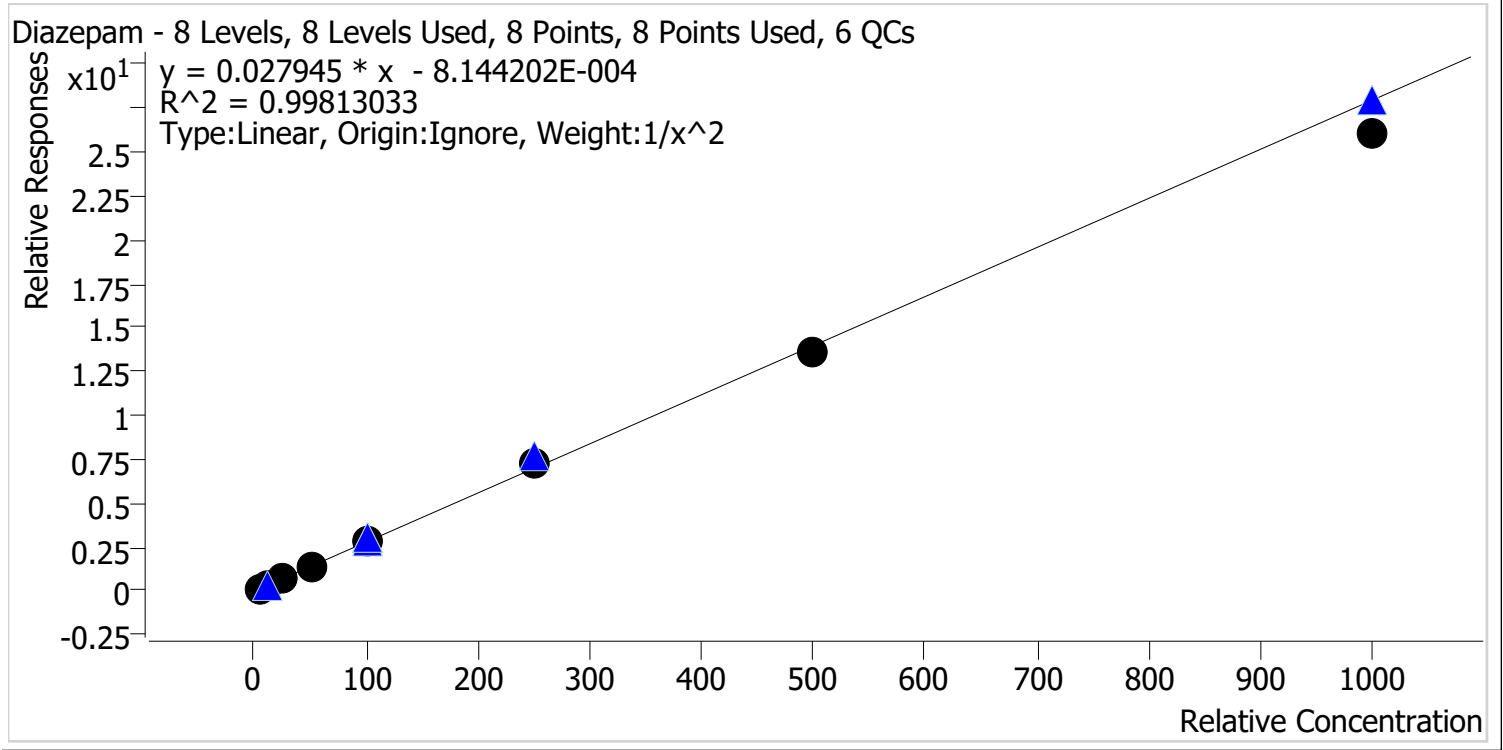
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	505.7	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1079.3	107.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 7/24/2023 12:13 PM
 Analyst Name ISP\Datastor
 Analyte Diazepam Internal Standard Diazepam-D5



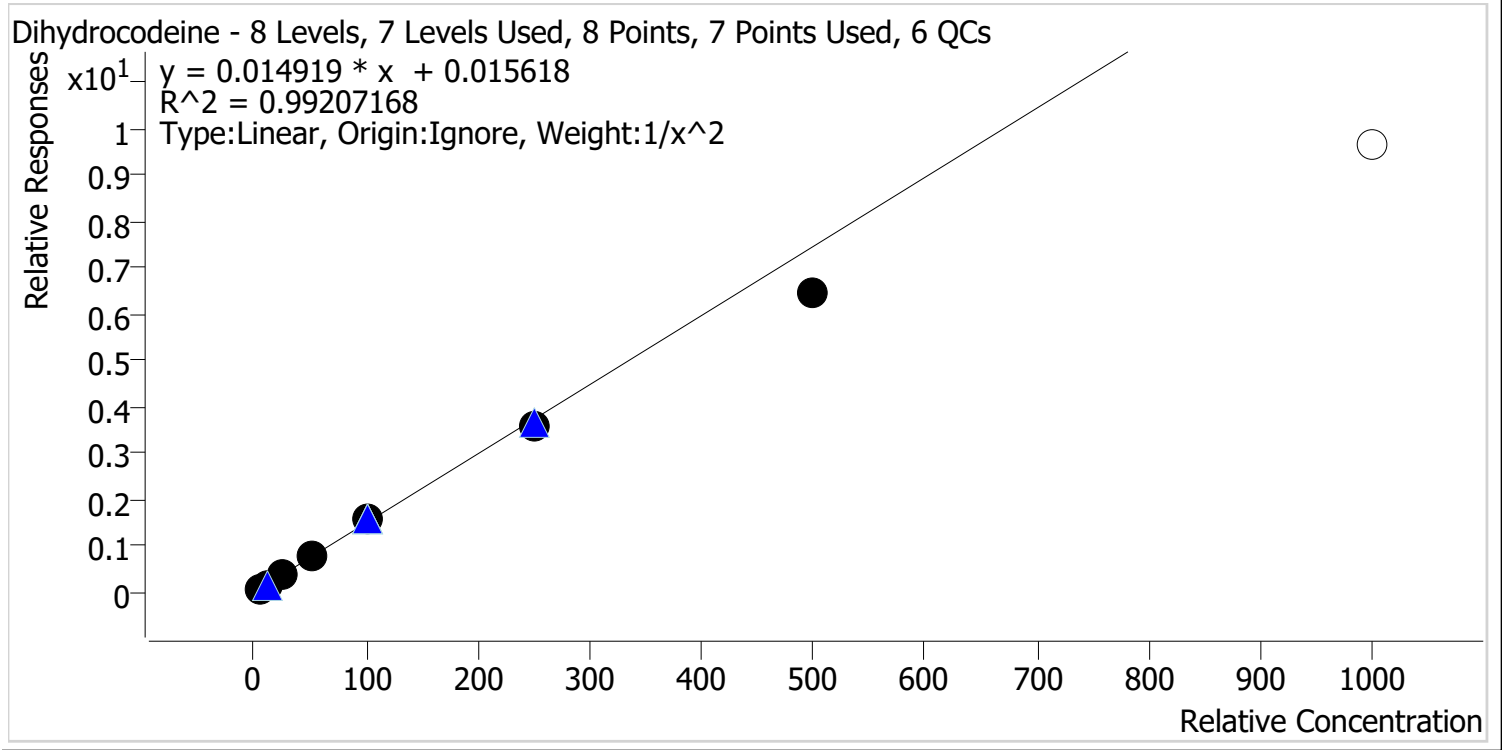
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	484.1	96.8
p1 Cal 8-1000ng	8	✓	1000.0	929.5	93.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 7/24/2023 12:13 PM
 Analyst Name ISP\Datastor
 Analyte Dihydrocodeine Internal Standard Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	237.4	94.9
p1 Cal 7-500ng	7	✓	500.0	435.6	87.1
p1 Cal 8-1000ng	8	✗	1000.0	649.6	65.0

Compound not evaluated in this run due to response in external control.

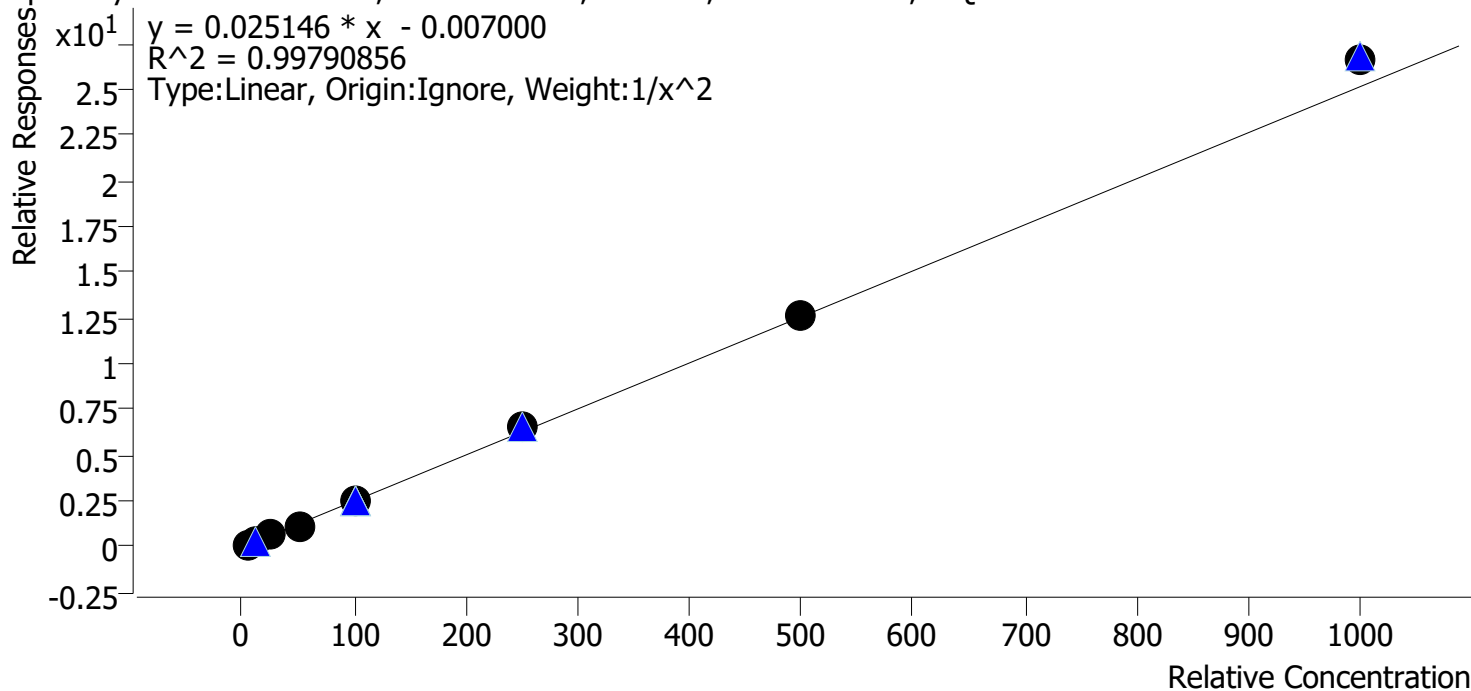
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



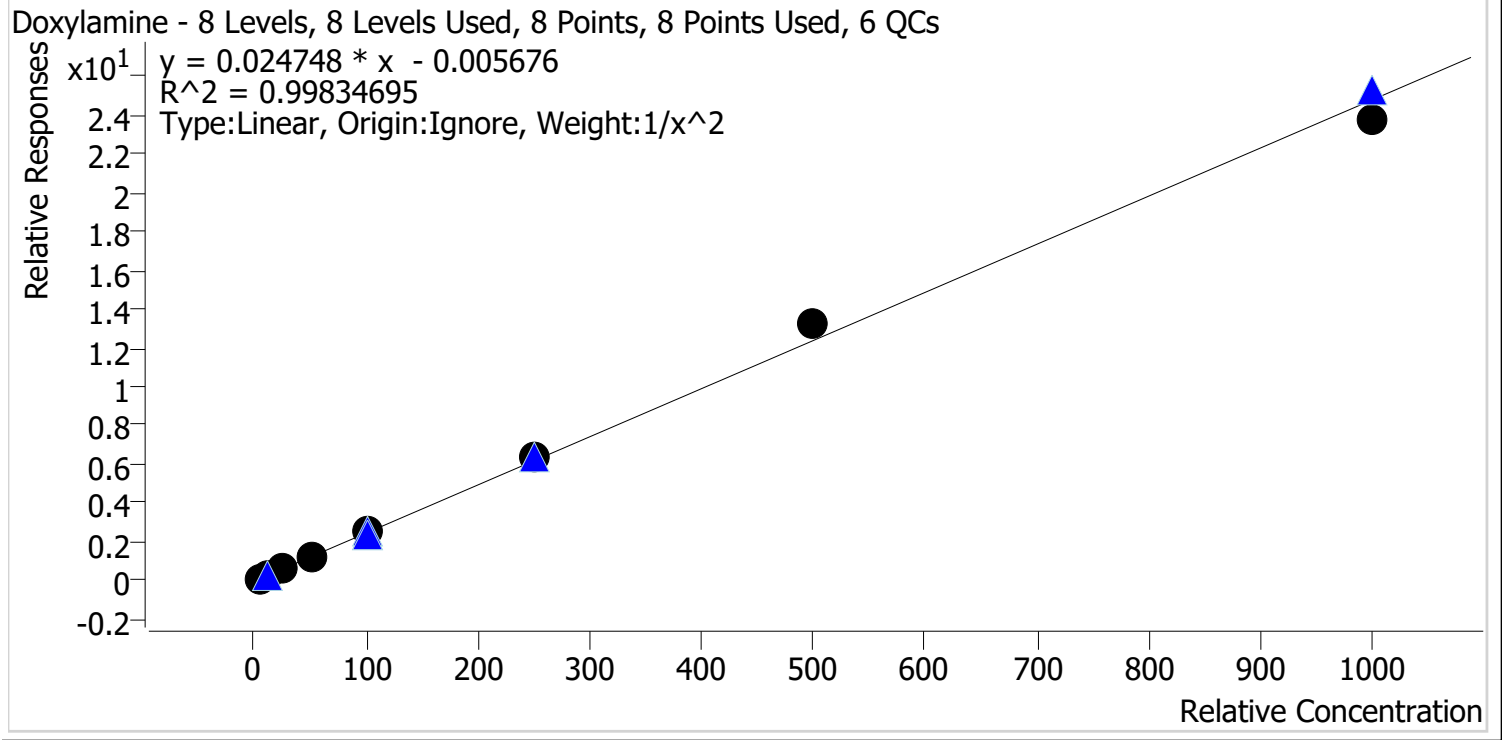
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	46.3	92.5
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	258.6	103.4
p1 Cal 7-500ng	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1059.0	105.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	256.1	102.5
p1 Cal 7-500ng	7	✓	500.0	531.6	106.3
p1 Cal 8-1000ng	8	✓	1000.0	960.9	96.1

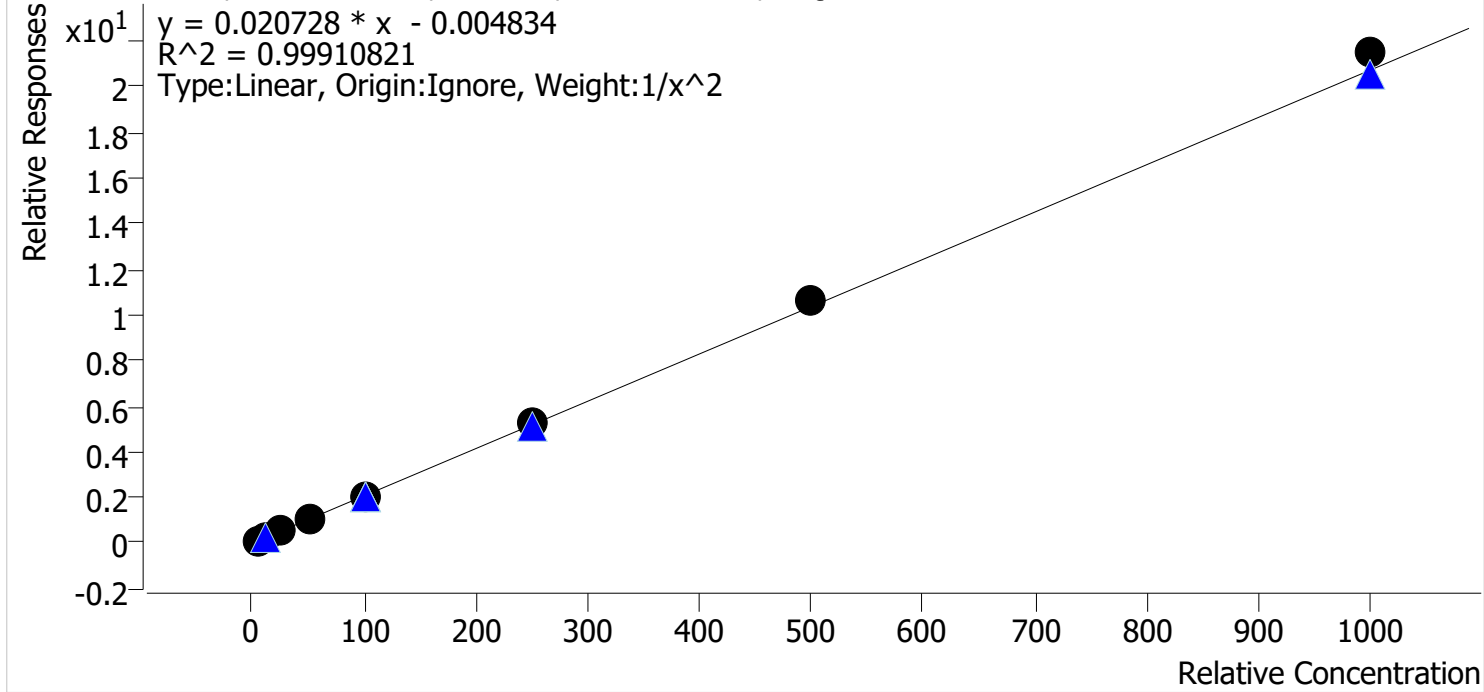
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



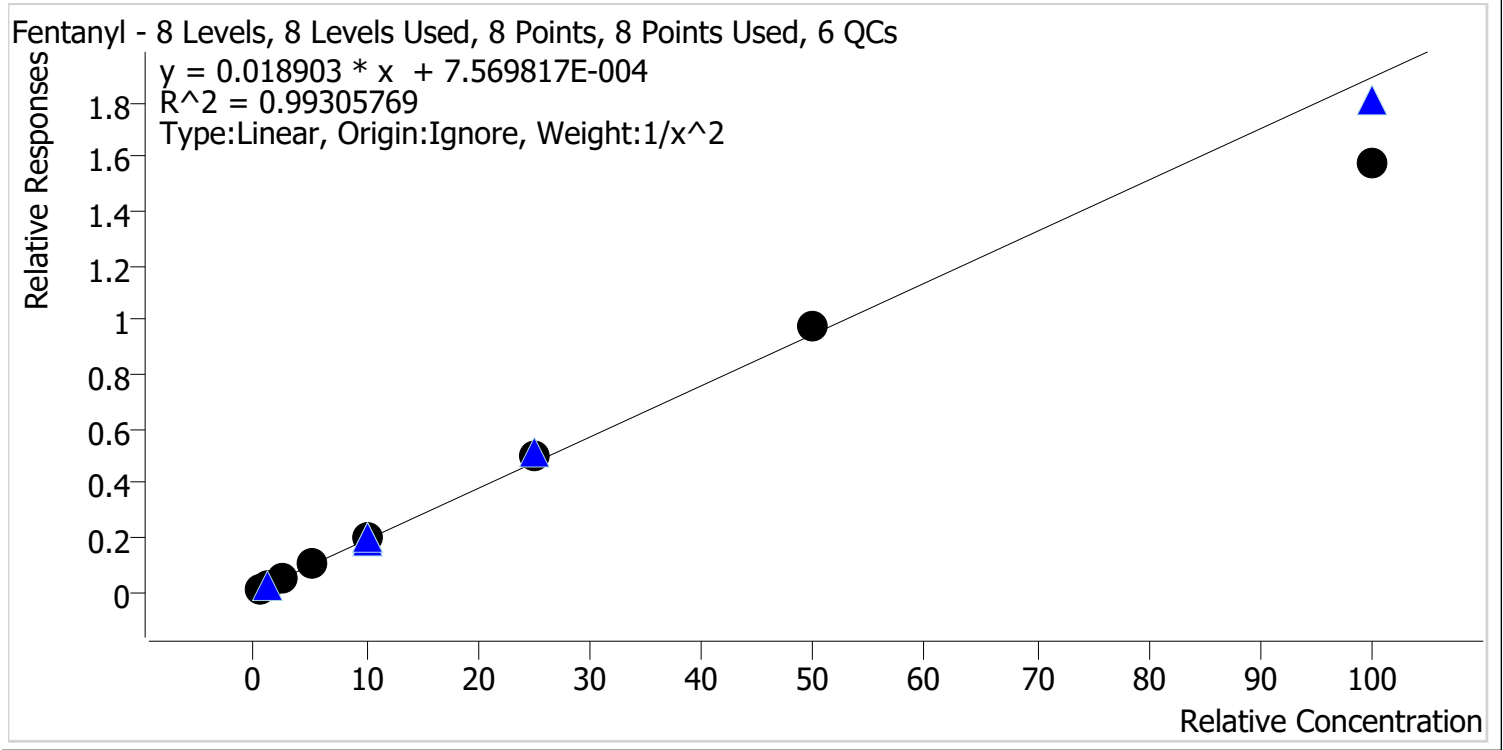
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1037.1	103.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.4
p1 Cal 2-10ng	2	✓	1.0	1.0	96.9
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.9
p1 Cal 4-50ng	4	✓	5.0	5.1	101.6
p1 Cal 5-100ng	5	✓	10.0	10.6	106.2
p1 Cal 6-250ng	6	✓	25.0	26.4	105.7
p1 Cal 7-500ng	7	✓	50.0	51.3	102.7
p1 Cal 8-1000ng	8	✓	100.0	83.6	83.6

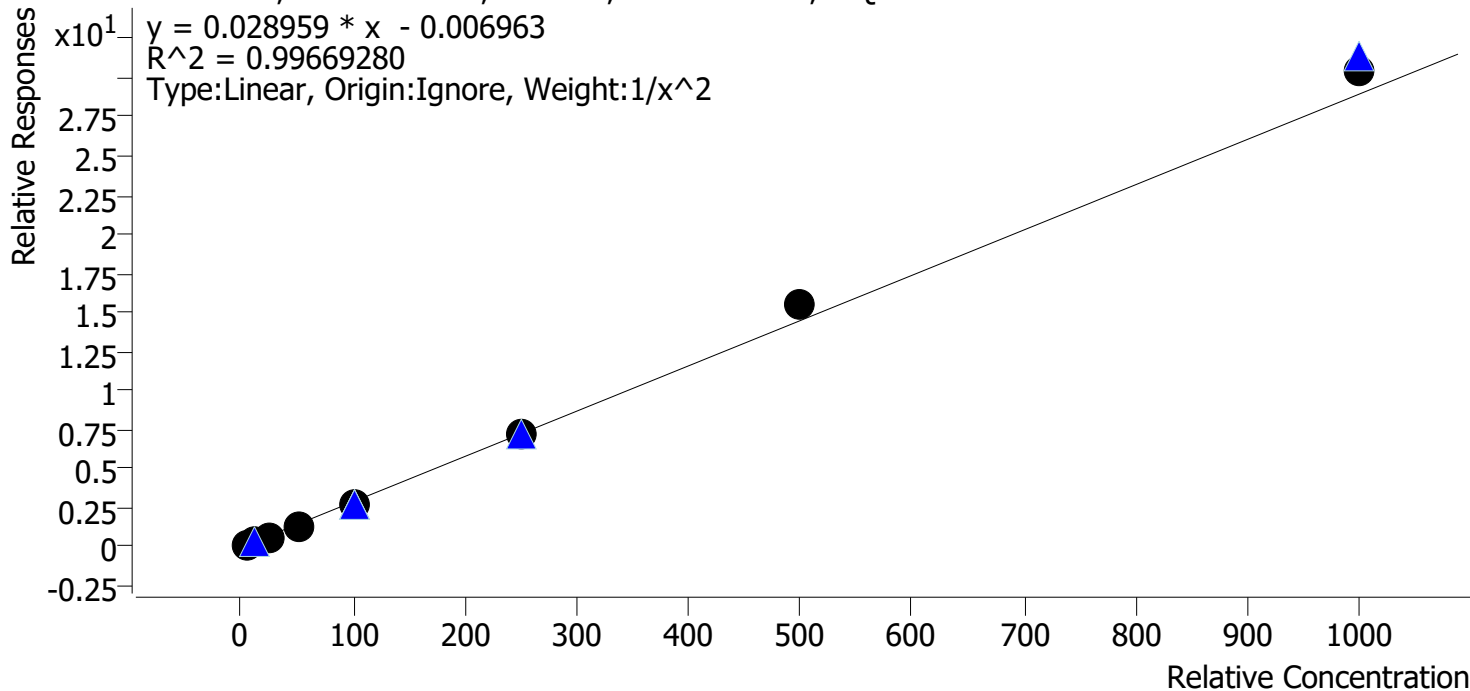
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	539.7	107.9
p1 Cal 8-1000ng	8	✓	1000.0	1053.8	105.4

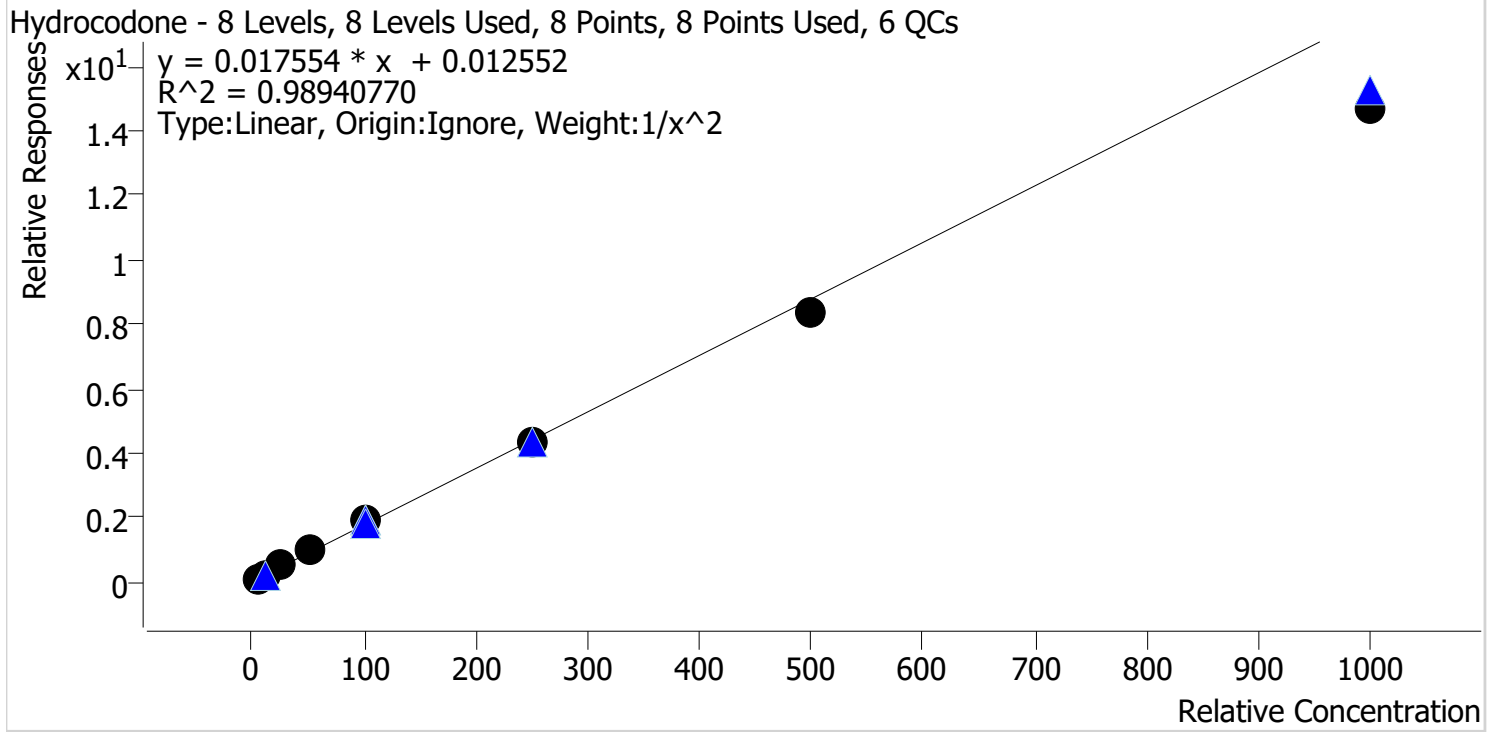
Compound not evaluated in this run due to response in negative control.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	107.9	107.9
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	473.1	94.6
p1 Cal 8-1000ng	8	✓	1000.0	833.7	83.4

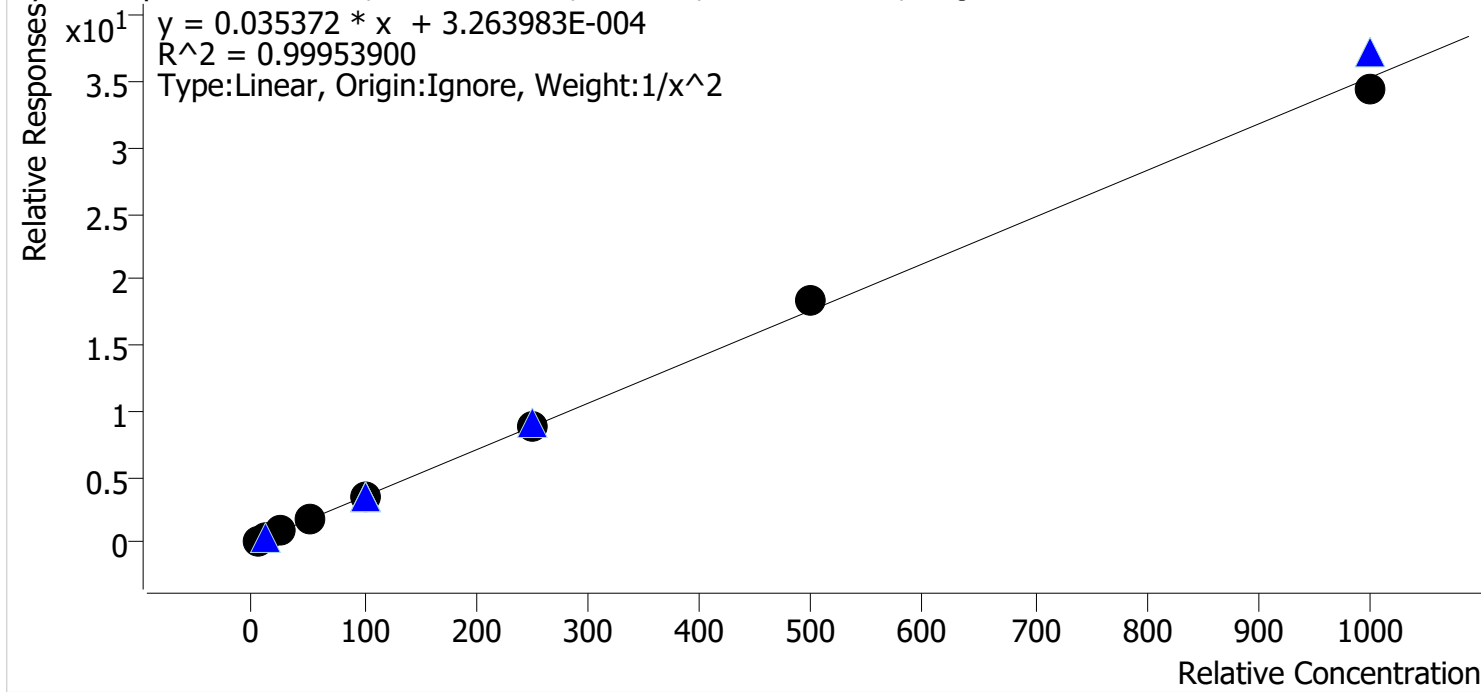
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datator
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



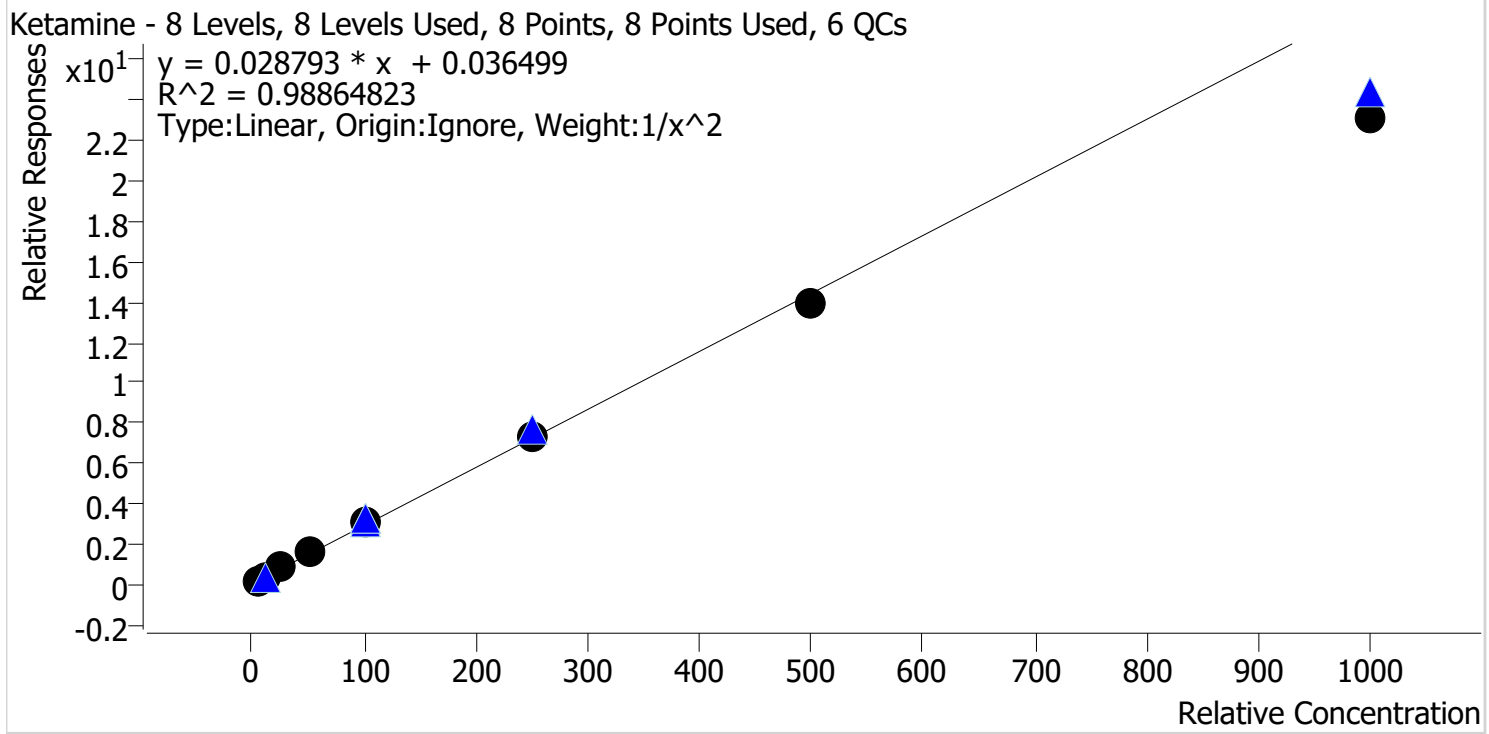
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	519.0	103.8
p1 Cal 8-1000ng	8	✓	1000.0	975.4	97.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



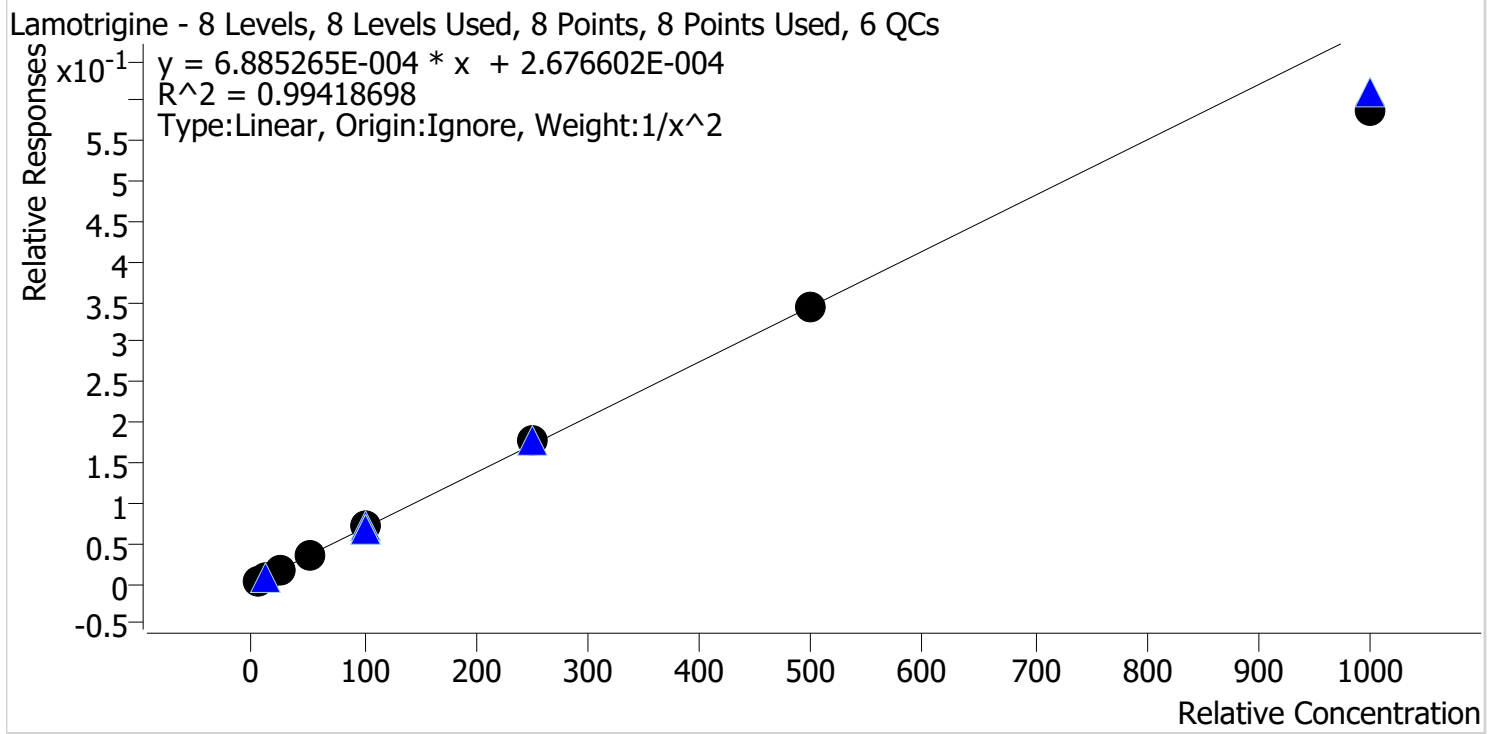
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2-10ng	2	✓	10.0	10.6	106.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	485.0	97.0
p1 Cal 8-1000ng	8	✓	1000.0	804.7	80.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	53.6	107.3
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	854.2	85.4

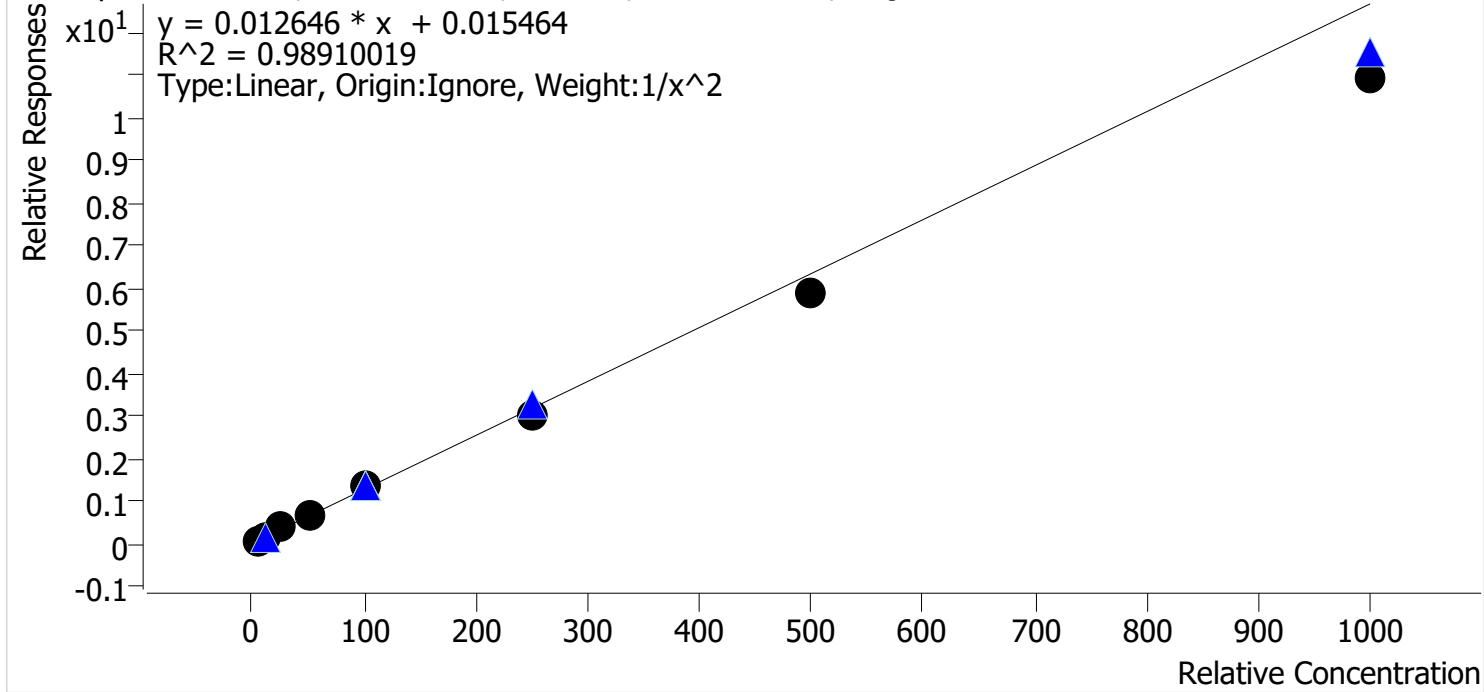
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.5
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	239.2	95.7
p1 Cal 7-500ng	7	✓	500.0	461.9	92.4
p1 Cal 8-1000ng	8	✓	1000.0	860.0	86.0

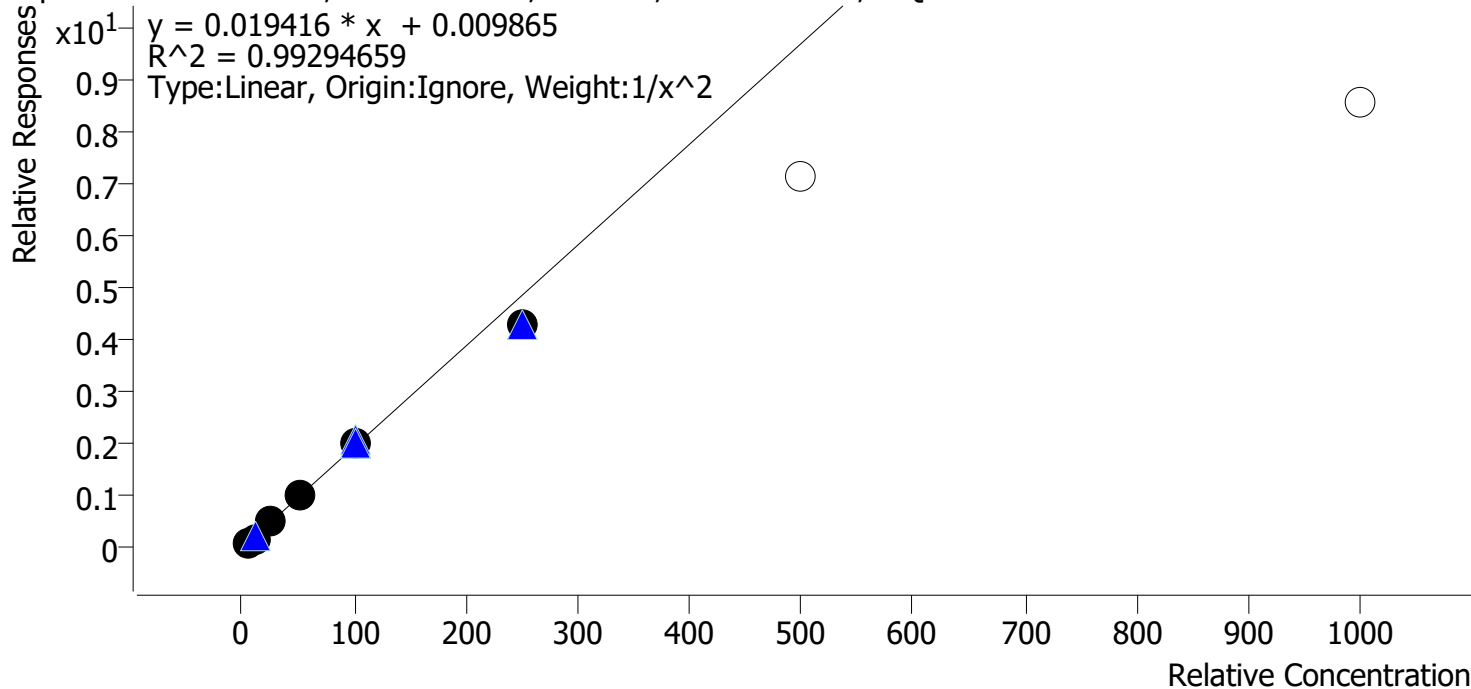
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	220.6	88.2
p1 Cal 7-500ng	7	x	500.0	366.9	73.4
p1 Cal 8-1000ng	8	x	1000.0	440.7	44.1

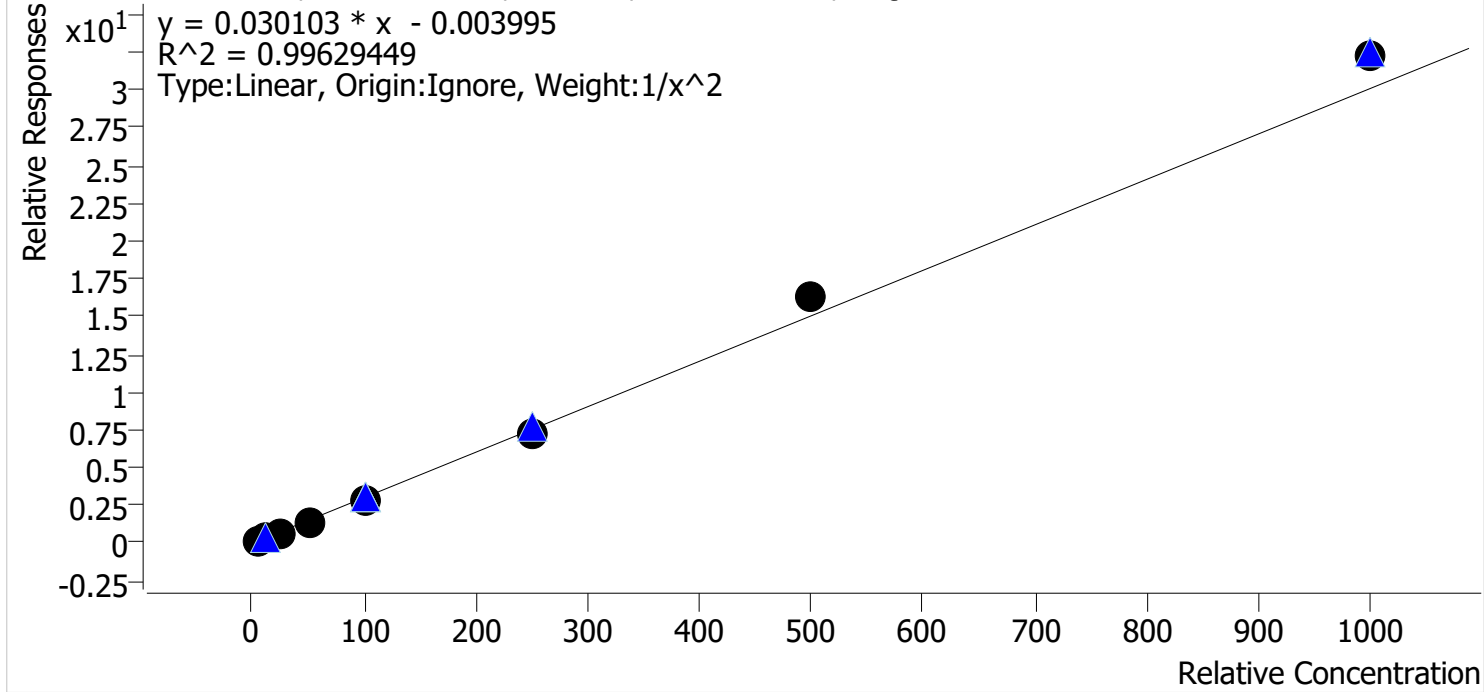
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



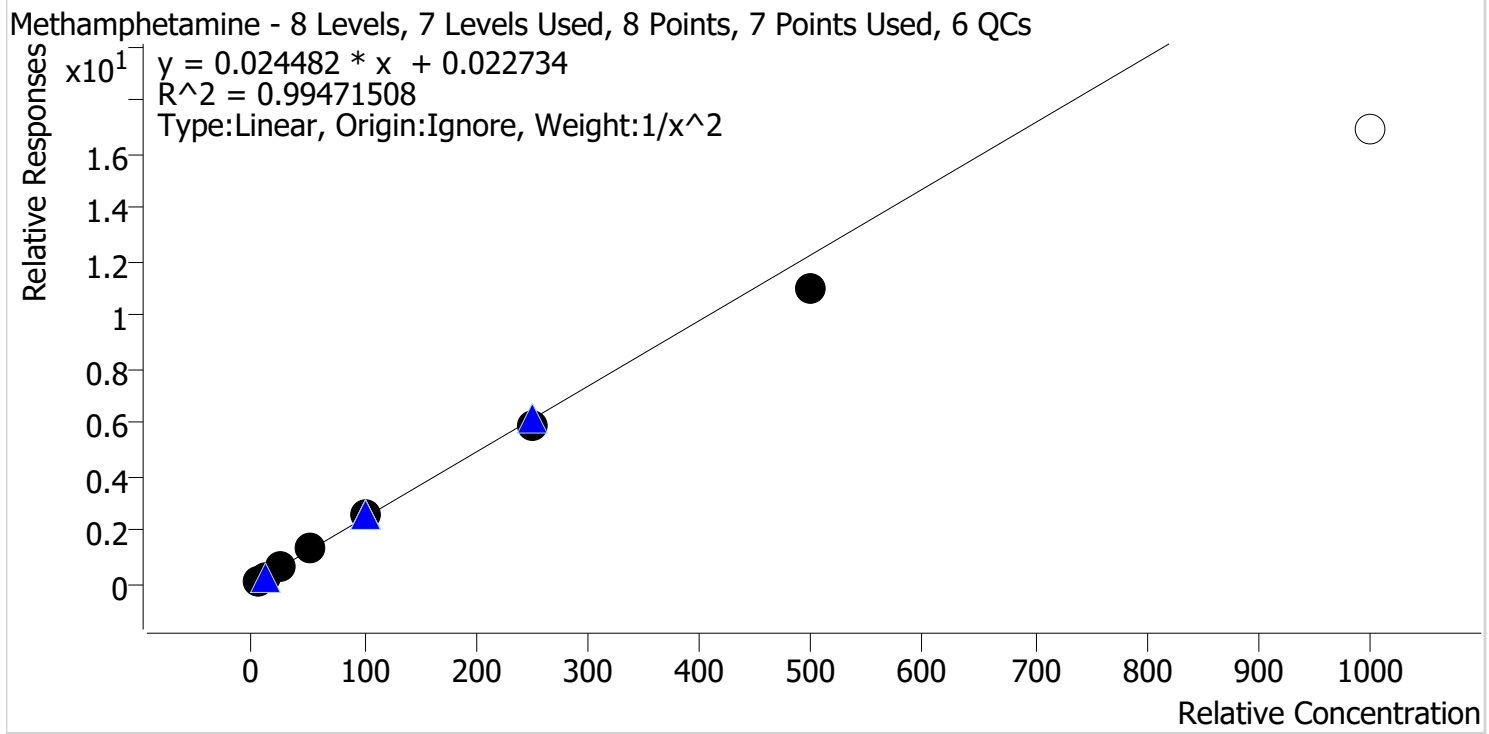
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	542.4	108.5
p1 Cal 8-1000ng	8	✓	1000.0	1068.6	106.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



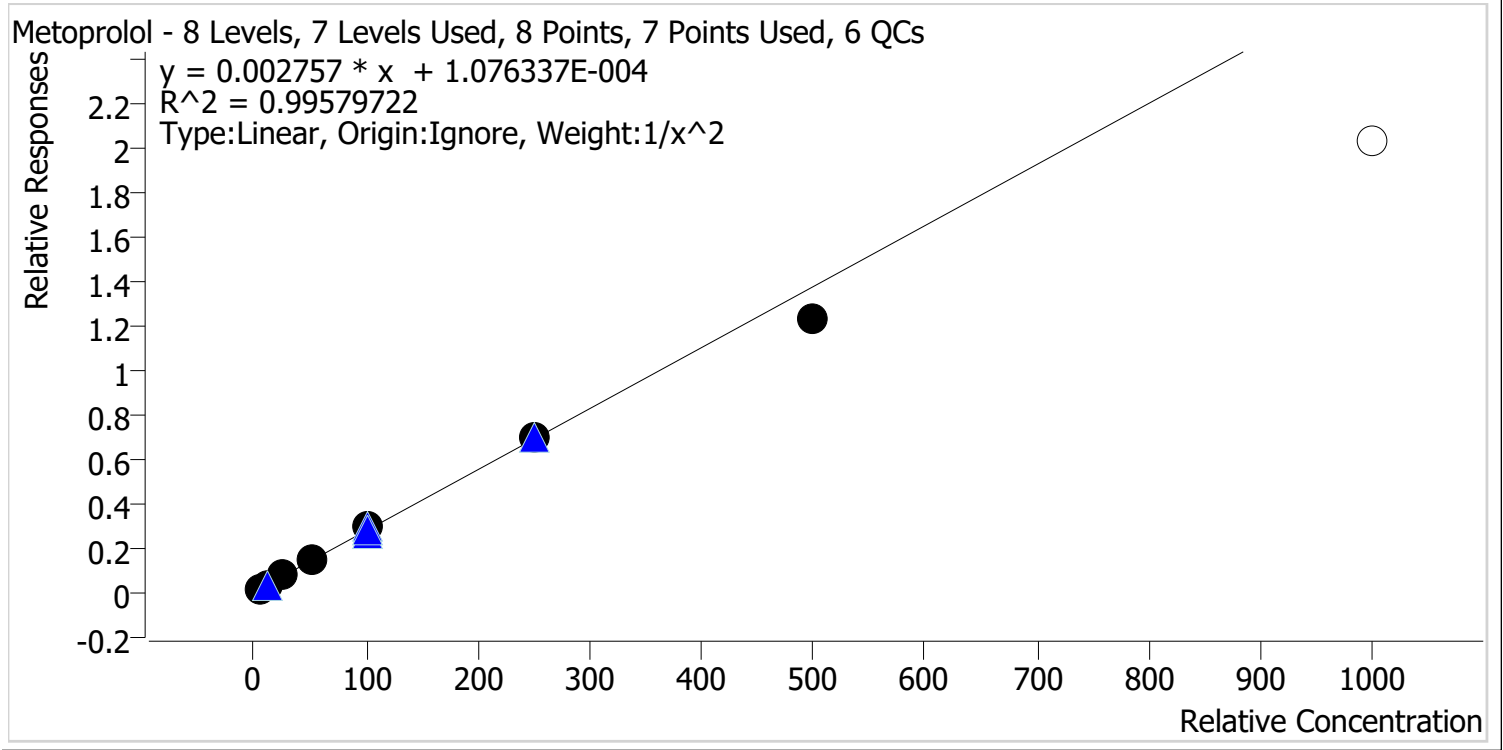
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	240.3	96.1
p1 Cal 7-500ng	7	✓	500.0	448.0	89.6
p1 Cal 8-1000ng	8	✗	1000.0	690.3	69.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	446.9	89.4
p1 Cal 8-1000ng	8	✗	1000.0	739.2	73.9

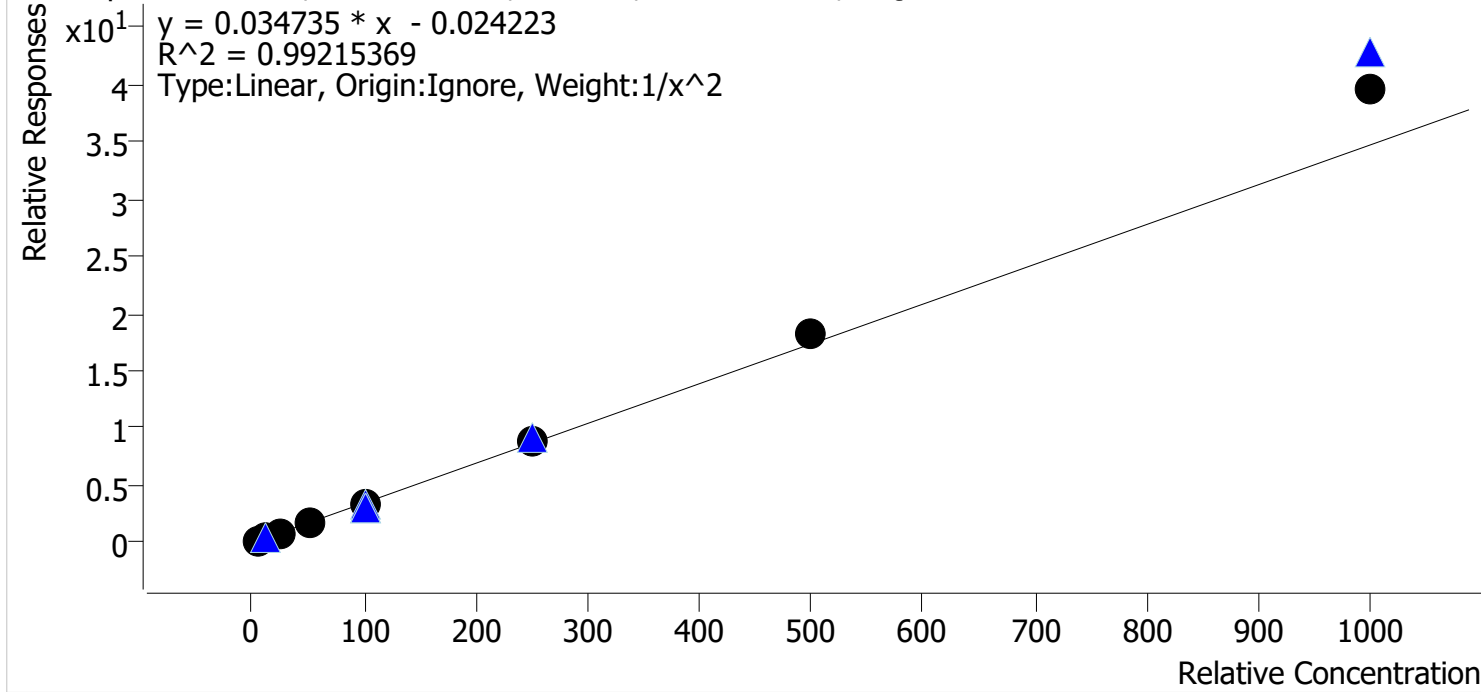
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

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



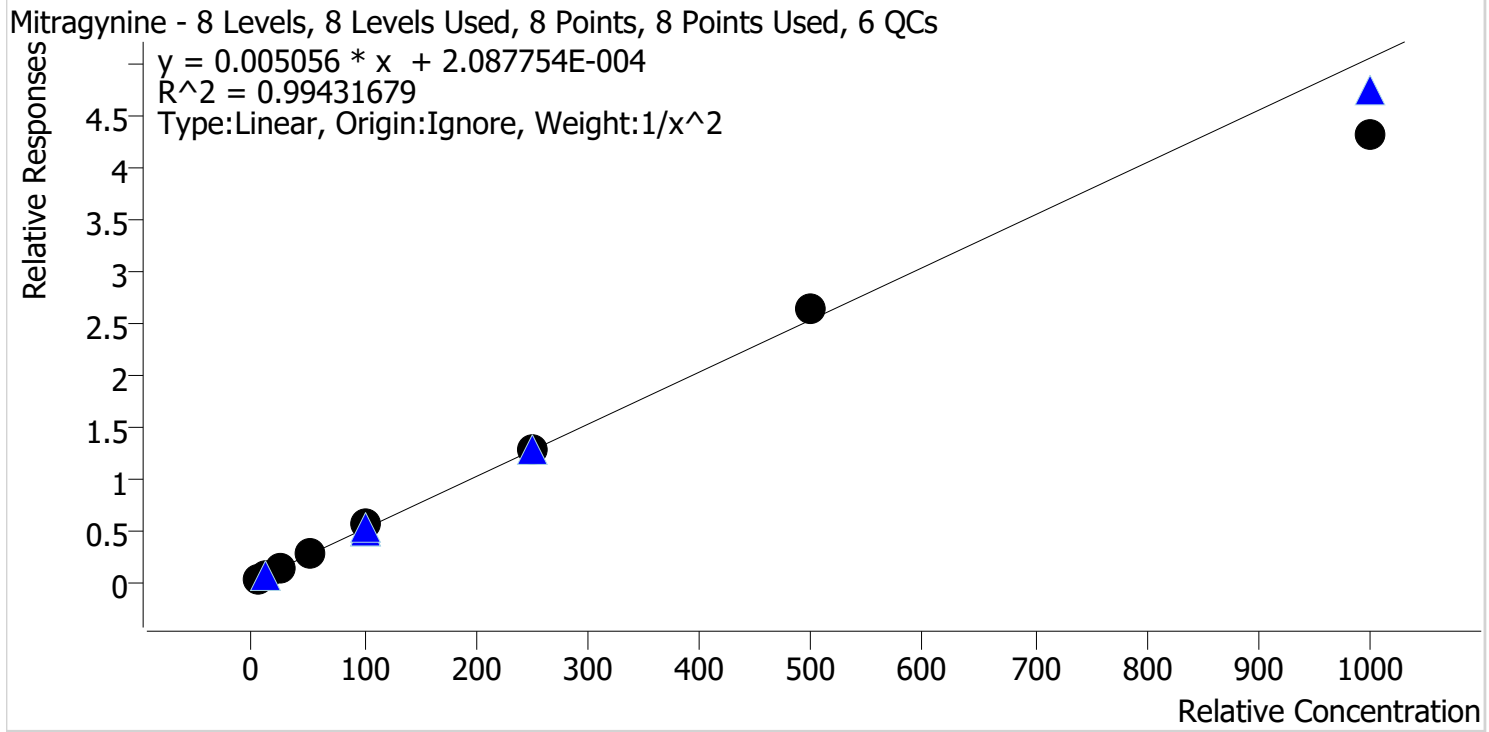
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.2
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	529.3	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1136.4	113.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



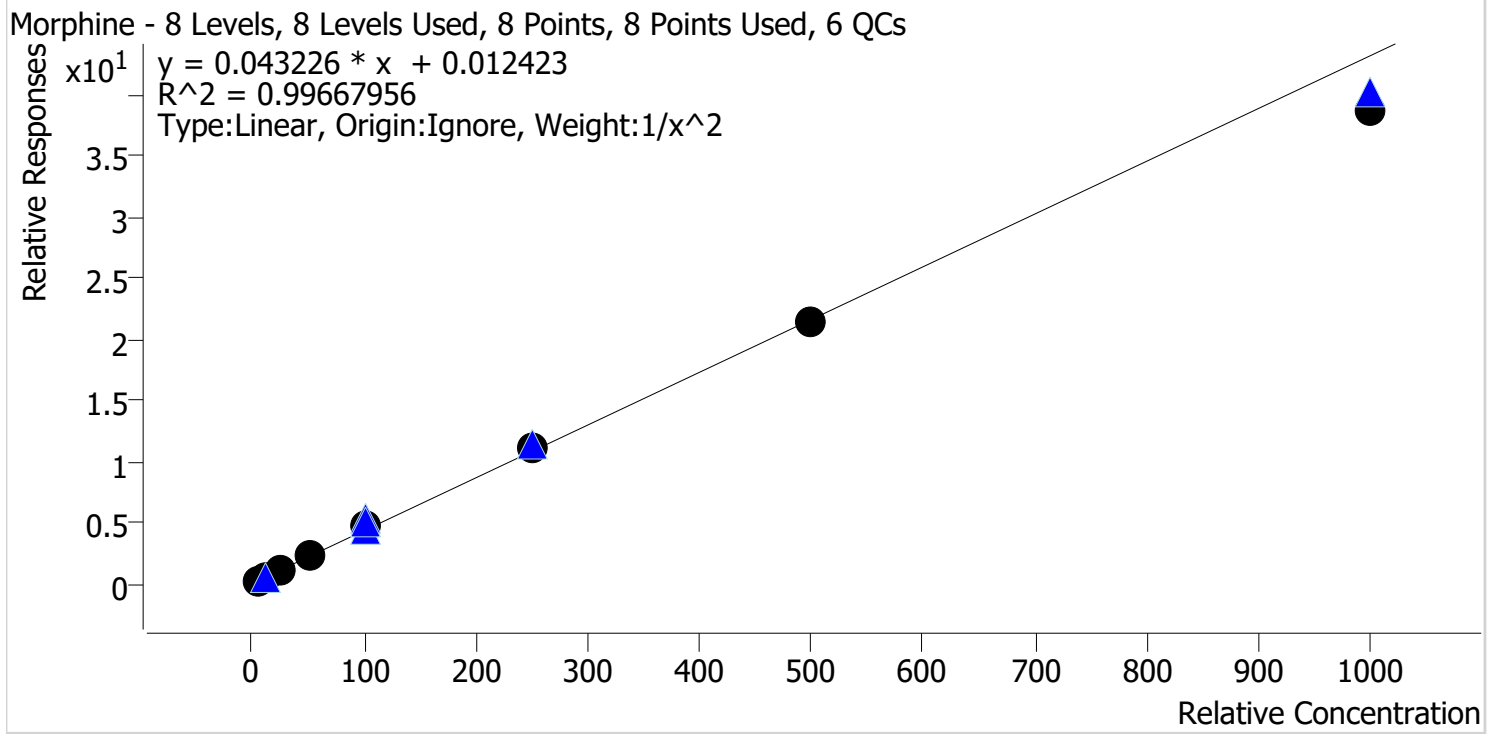
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	252.4	100.9
p1 Cal 7-500ng	7	✓	500.0	520.3	104.1
p1 Cal 8-1000ng	8	✓	1000.0	851.1	85.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



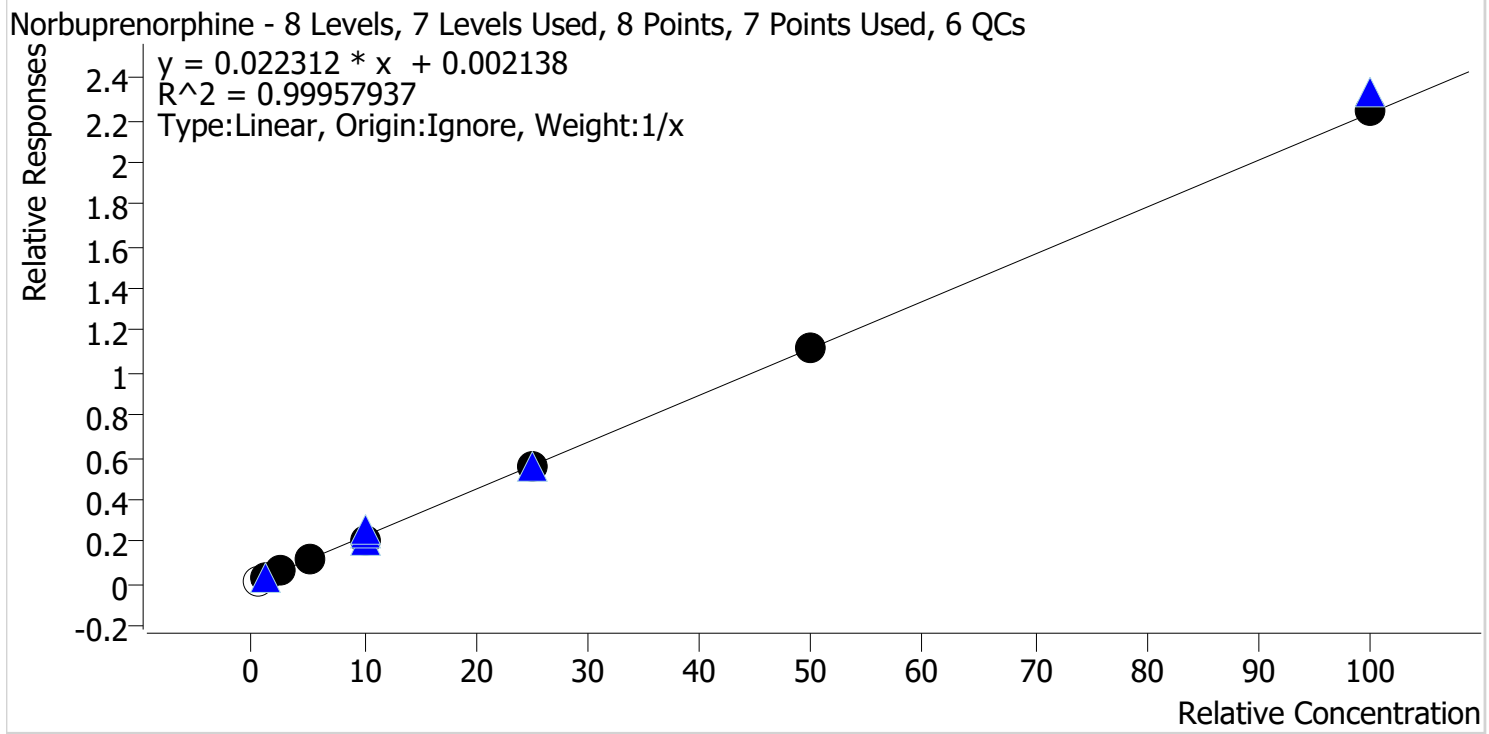
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	493.3	98.7
p1 Cal 8-1000ng	8	✓	1000.0	893.6	89.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datator
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.5	105.3
p1 Cal 2-10ng	2	✓	1.0	1.1	106.6
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.3
p1 Cal 4-50ng	4	✓	5.0	4.7	94.8
p1 Cal 5-100ng	5	✓	10.0	9.4	93.8
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	49.8	99.7
p1 Cal 8-1000ng	8	✓	100.0	100.9	100.9

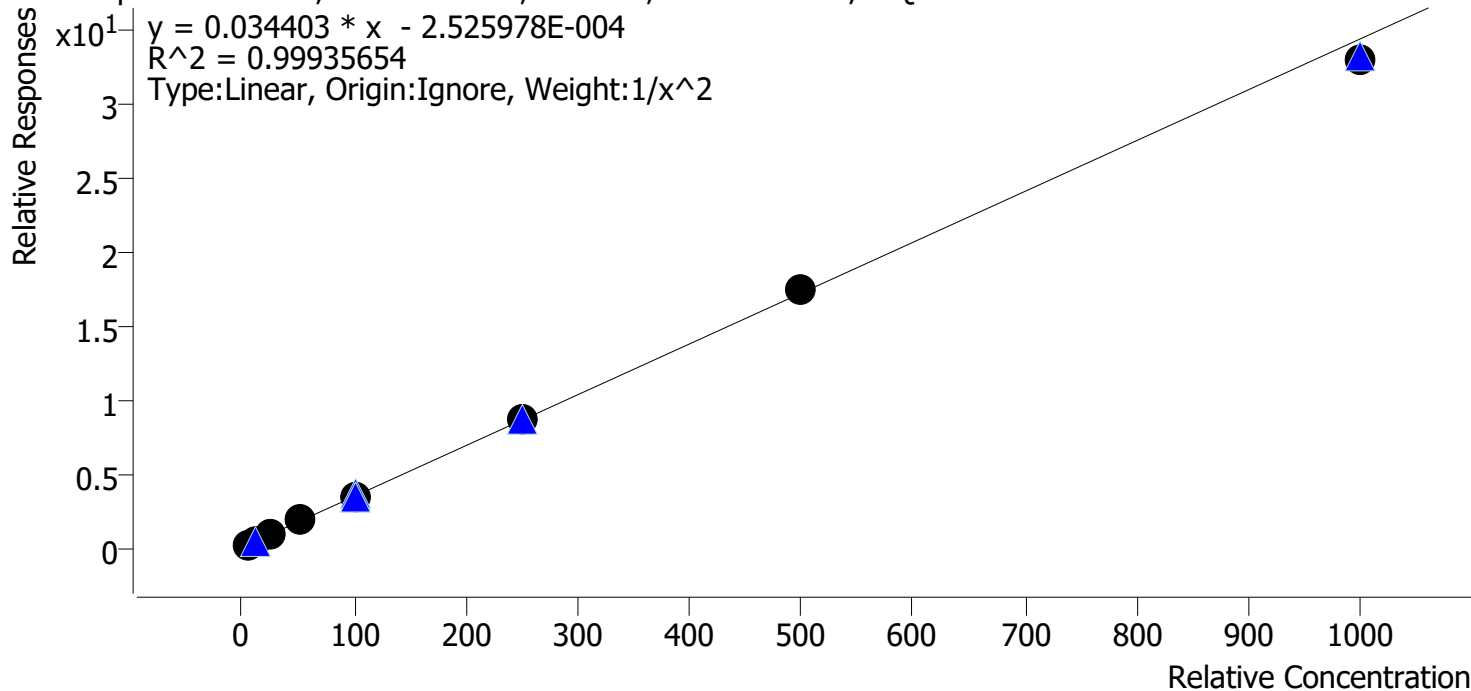
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



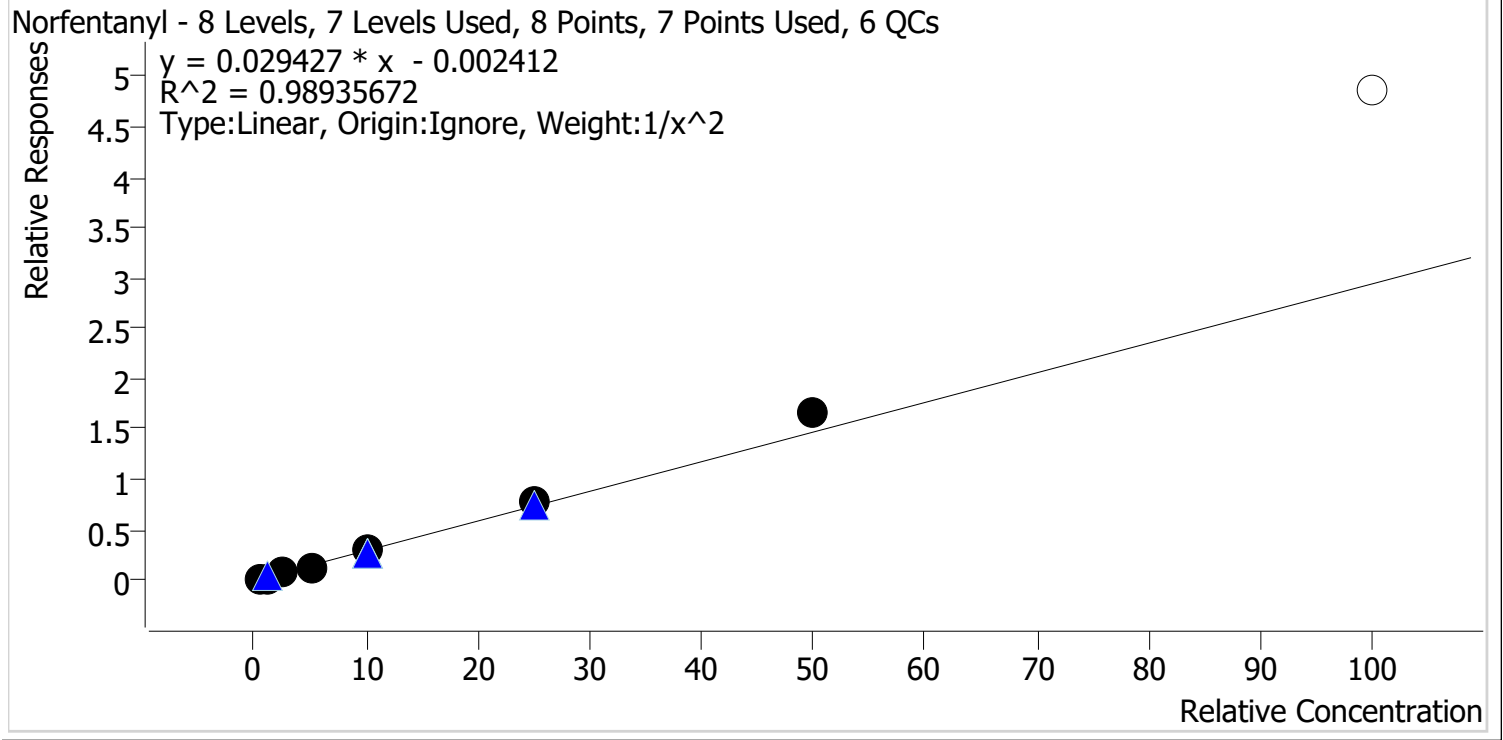
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	510.5	102.1
p1 Cal 8-1000ng	8	✓	1000.0	959.6	96.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



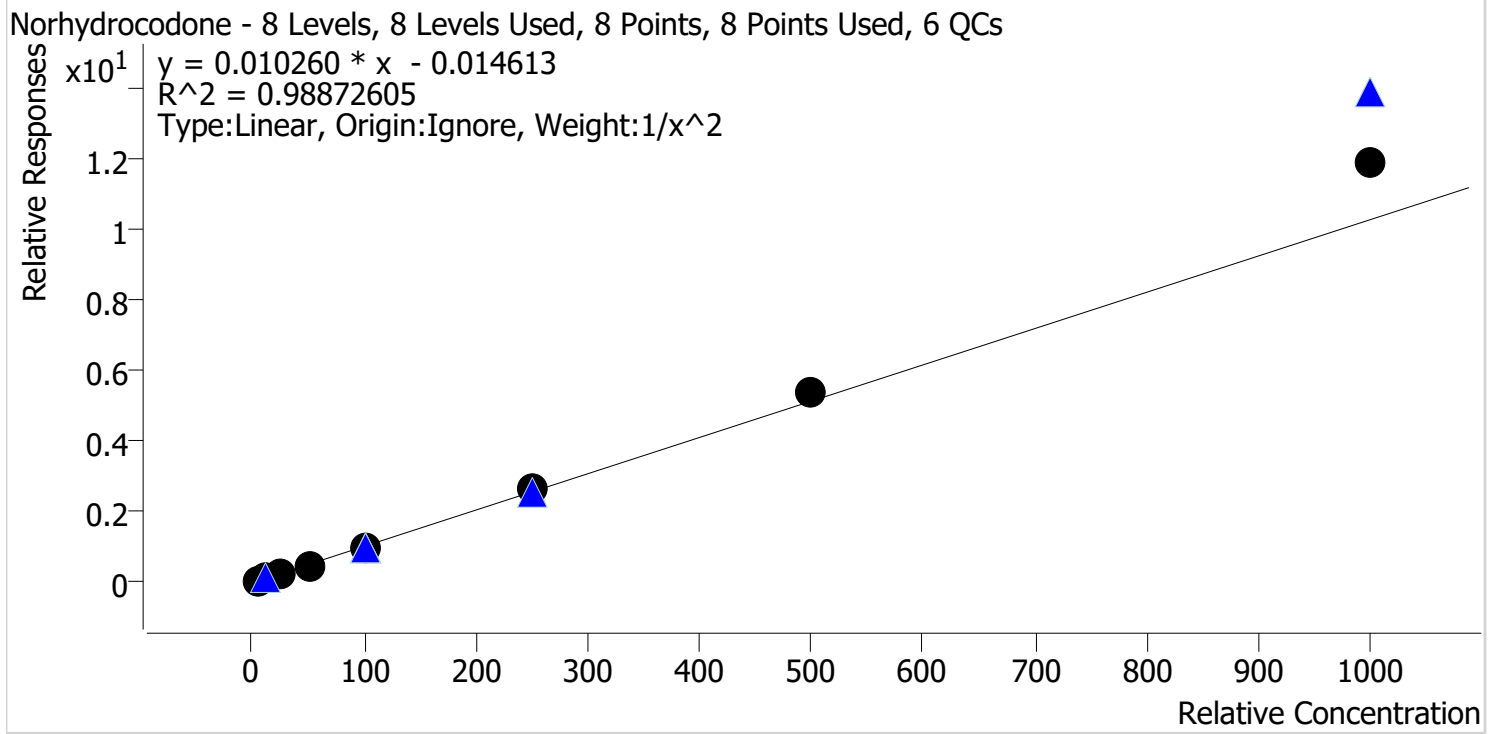
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.9
p1 Cal 2-10ng	2	✓	1.0	0.9	93.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.5
p1 Cal 4-50ng	4	✓	5.0	4.6	91.5
p1 Cal 5-100ng	5	✓	10.0	9.8	97.6
p1 Cal 6-250ng	6	✓	25.0	26.9	107.5
p1 Cal 7-500ng	7	✓	50.0	56.5	113.0
p1 Cal 8-1000ng	8	✗	100.0	165.2	165.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



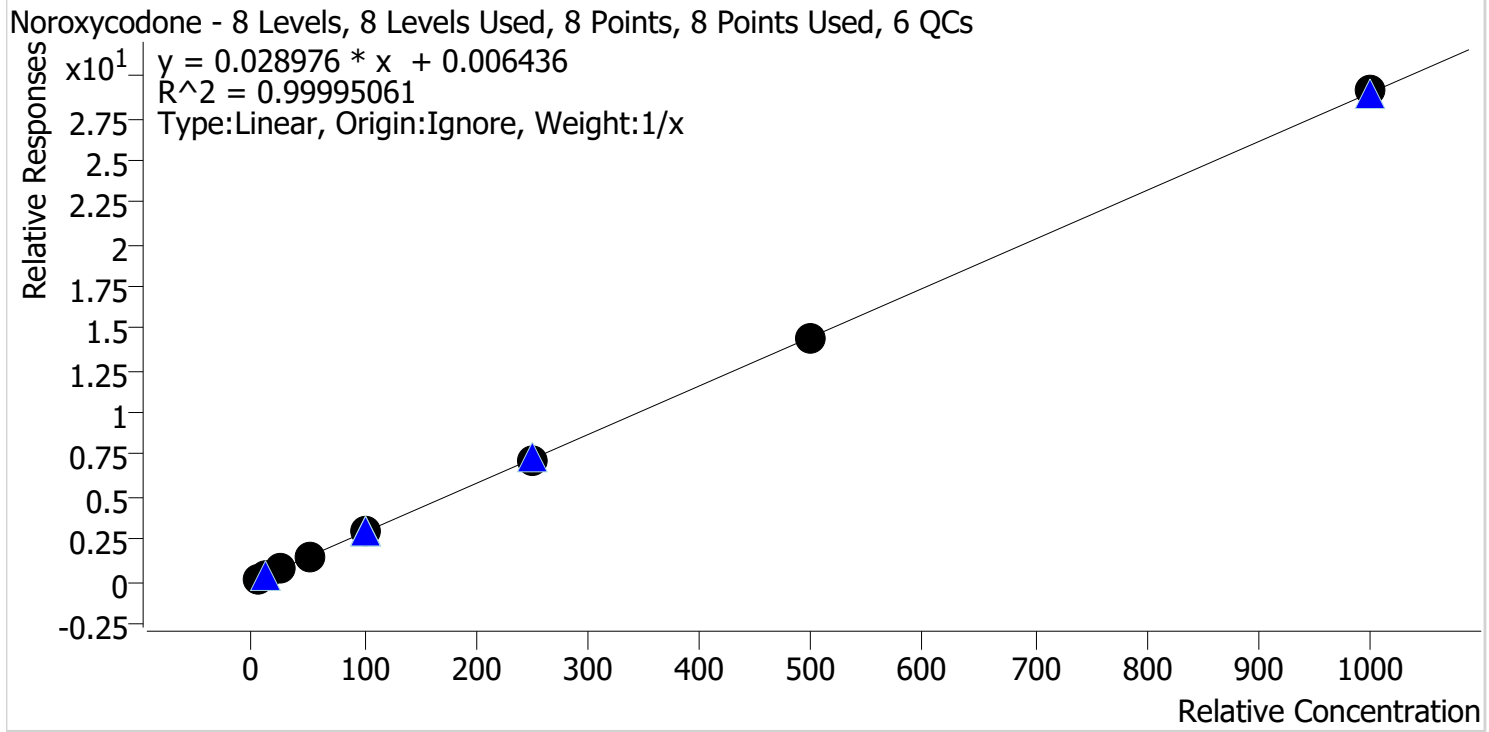
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.6
p1 Cal 2-10ng	2	✓	10.0	9.2	91.9
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	44.6	89.2
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	262.1	104.8
p1 Cal 7-500ng	7	✓	500.0	519.6	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1160.8	116.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



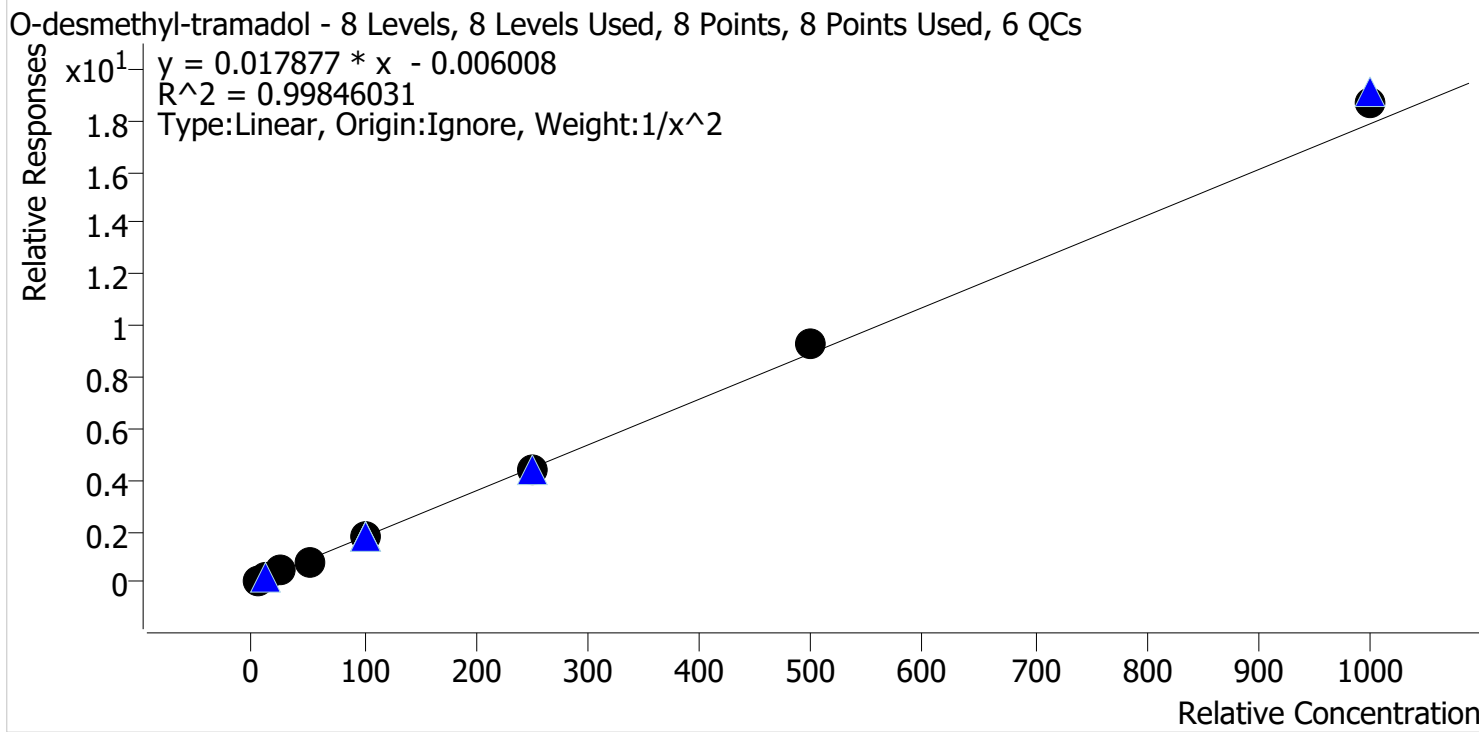
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1004.7	100.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	47.5	94.9
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	523.5	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1046.5	104.6

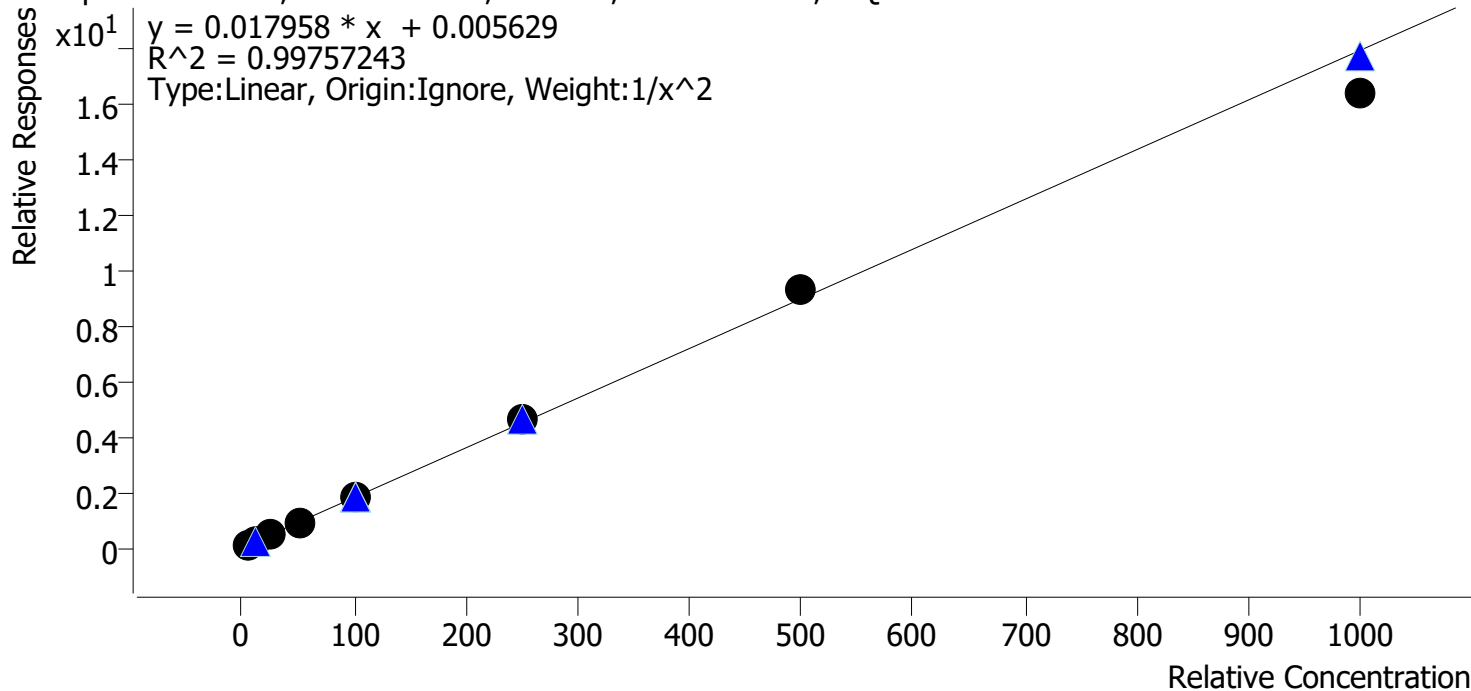
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



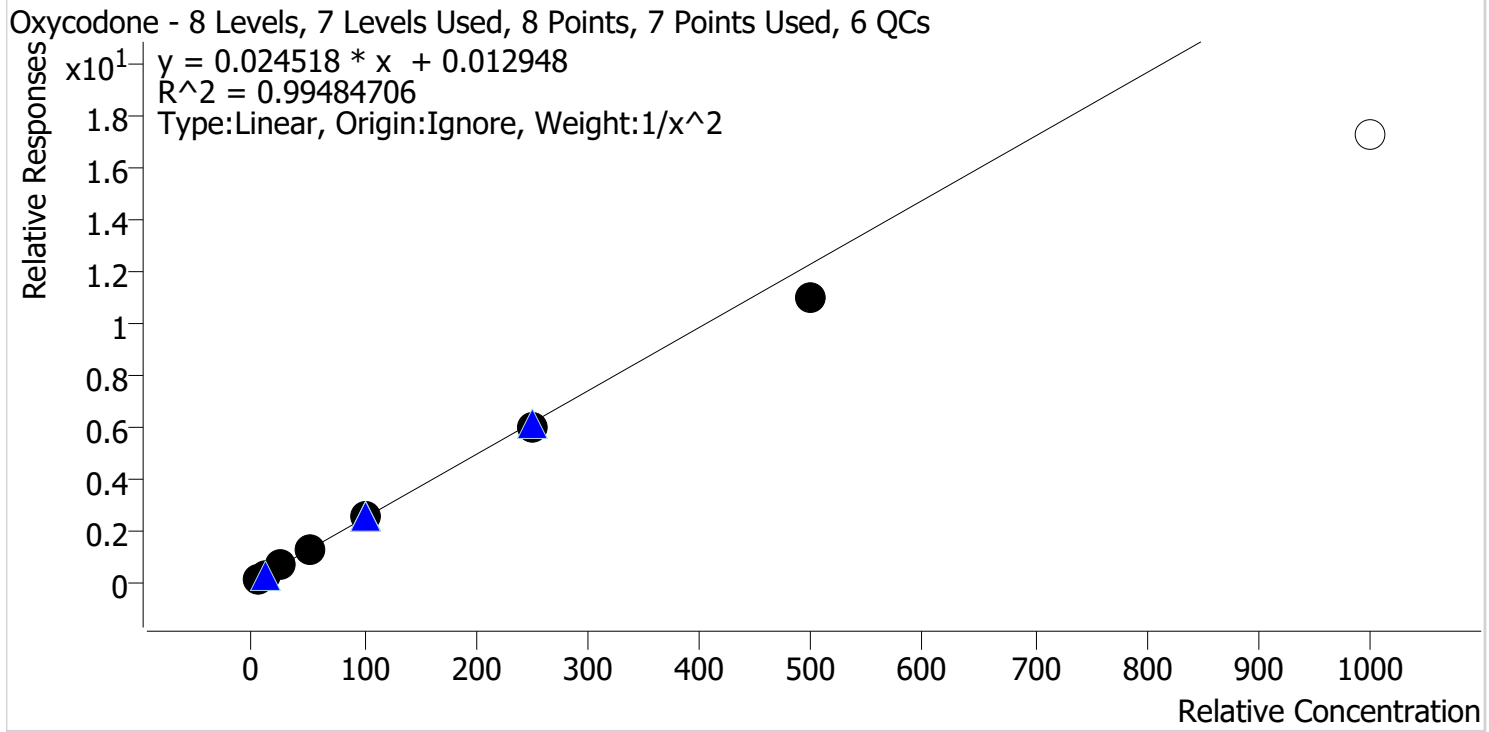
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	515.7	103.1
p1 Cal 8-1000ng	8	✓	1000.0	912.2	91.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



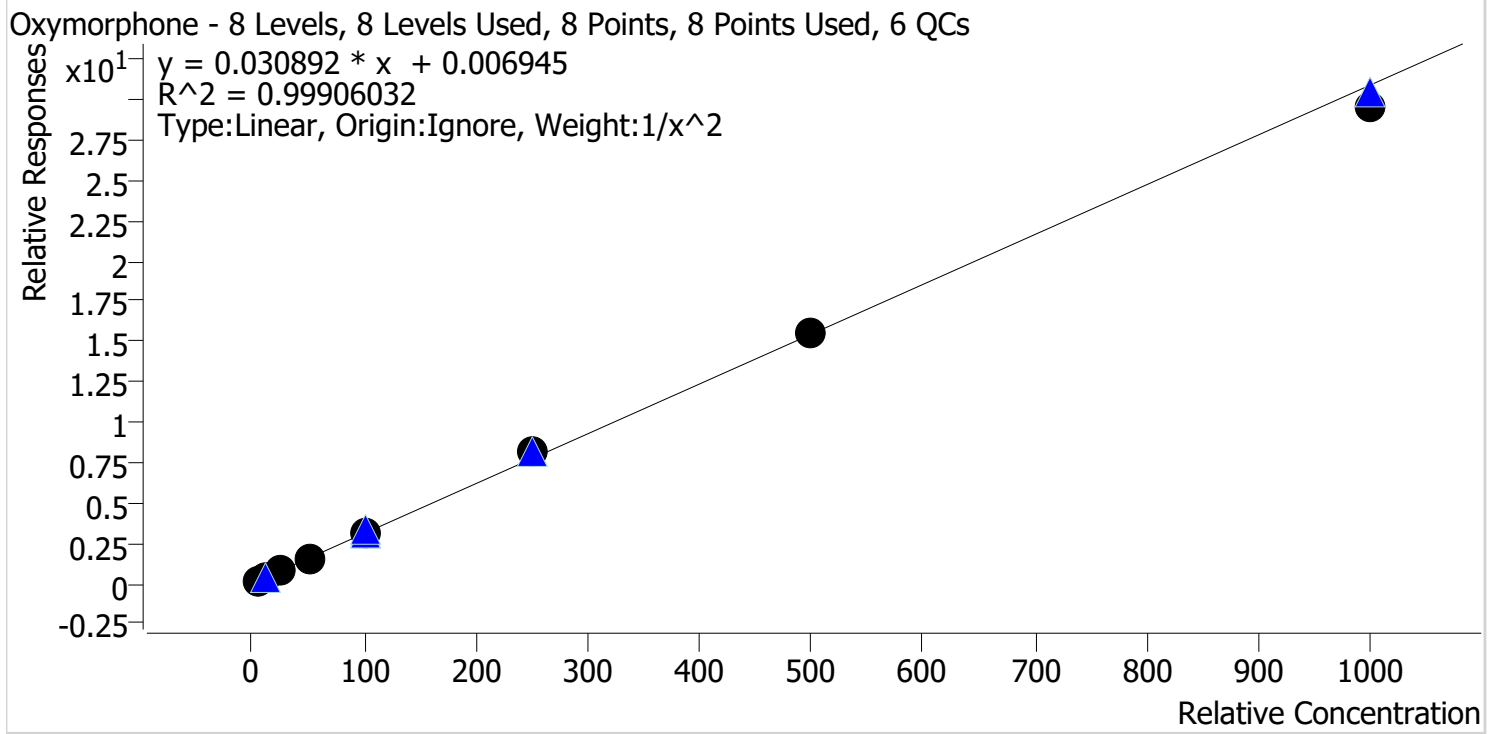
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	444.4	88.9
p1 Cal 8-1000ng	8	✗	1000.0	704.9	70.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



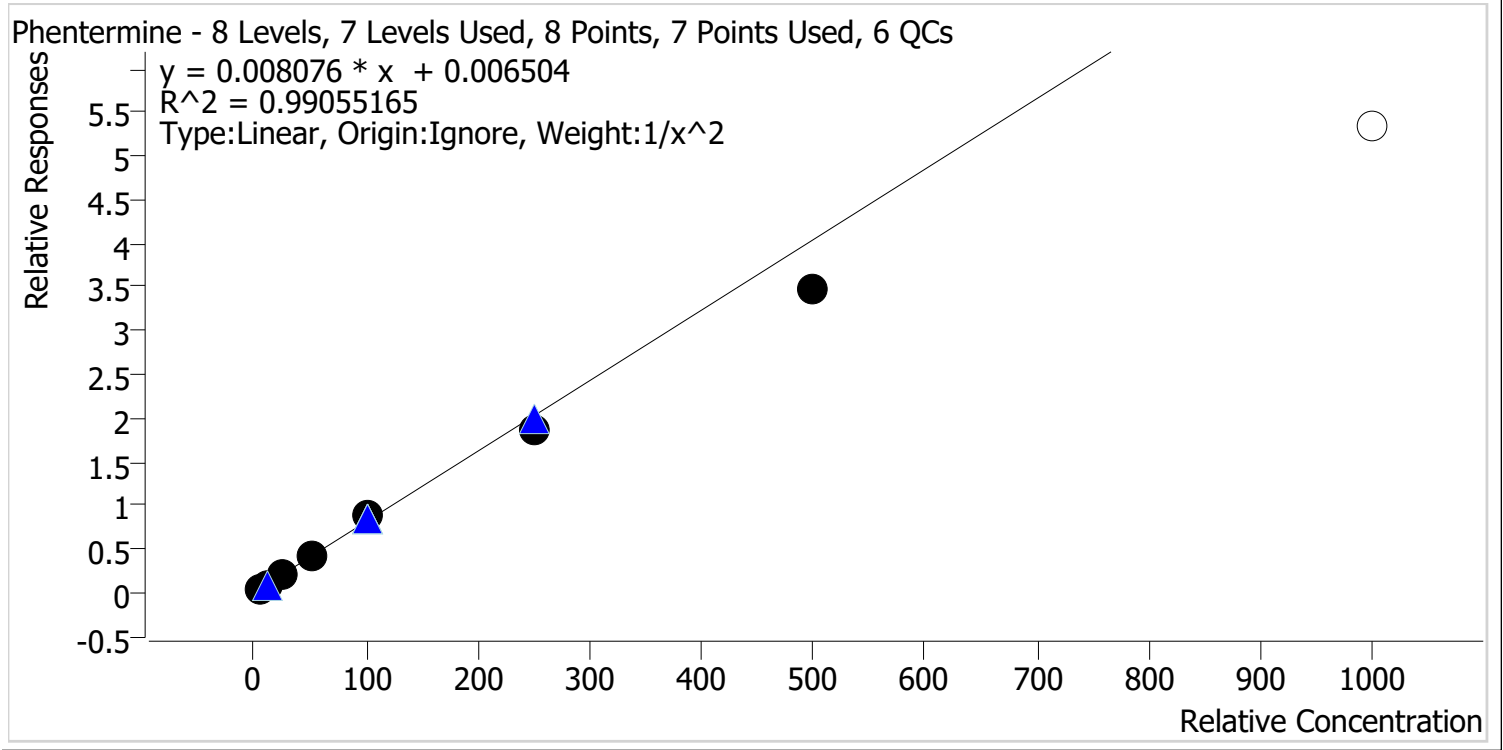
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	262.6	105.0
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	957.8	95.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
p1 Cal 6-250ng	6	✓	250.0	232.2	92.9
p1 Cal 7-500ng	7	✓	500.0	432.3	86.5
p1 Cal 8-1000ng	8	✗	1000.0	660.6	66.1

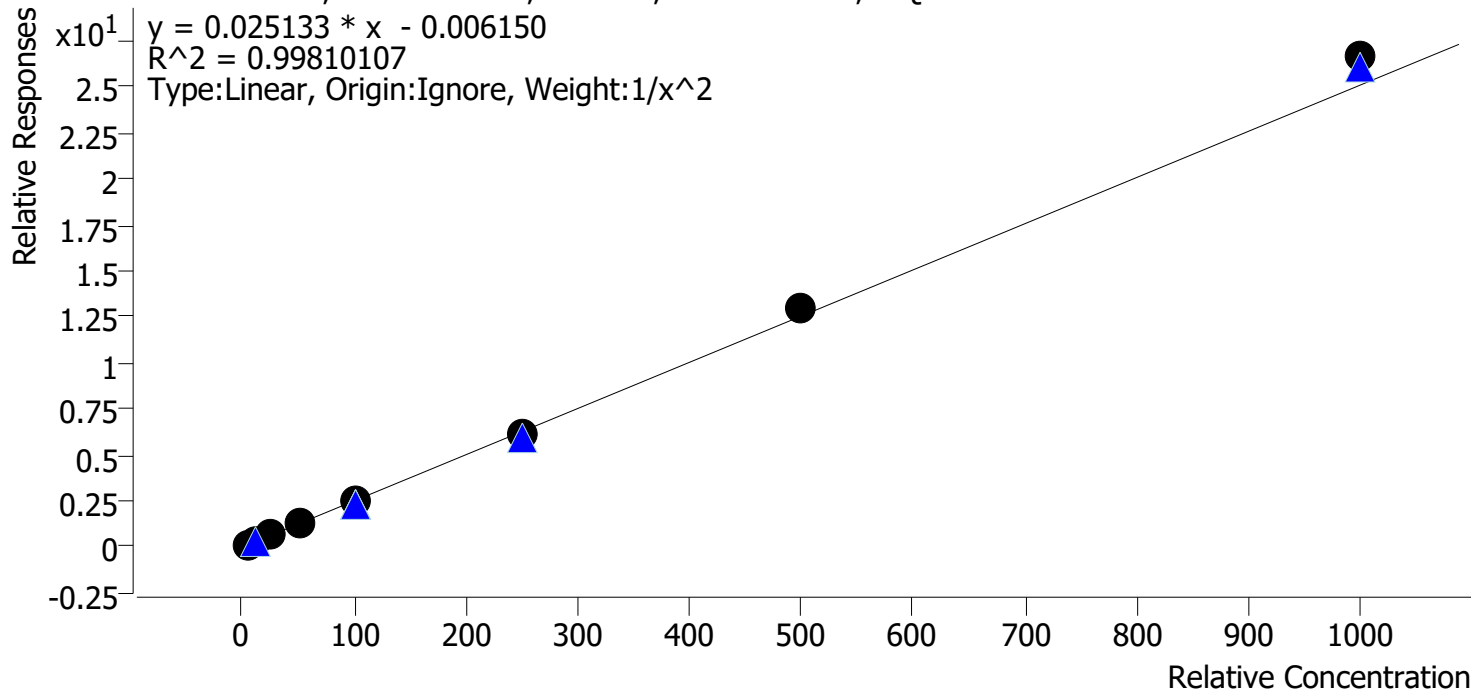
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



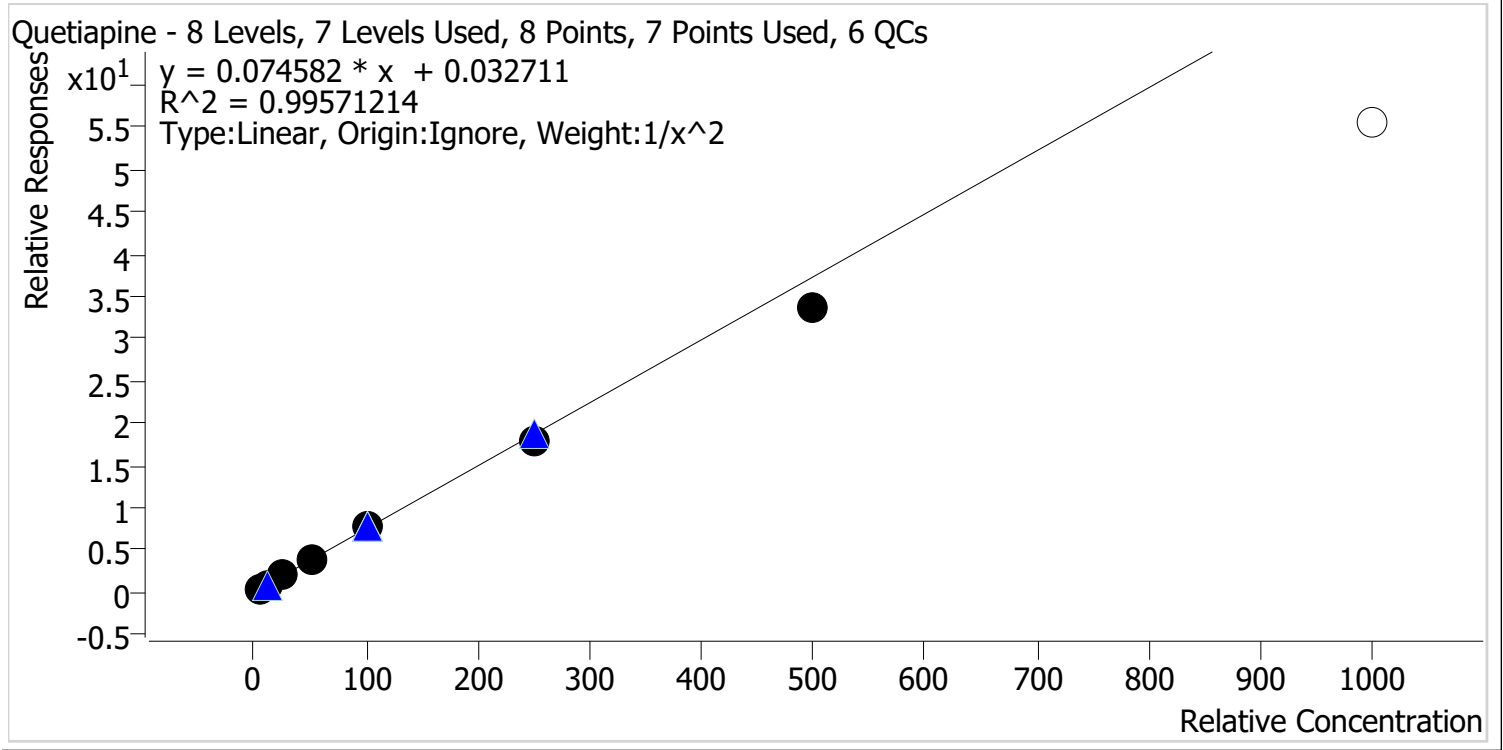
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1061.8	106.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 7/24/2023 12:13 PM
 Analyst Name ISP\Datastor
 Analyte Quetiapine Internal Standard Quetiapine-D8



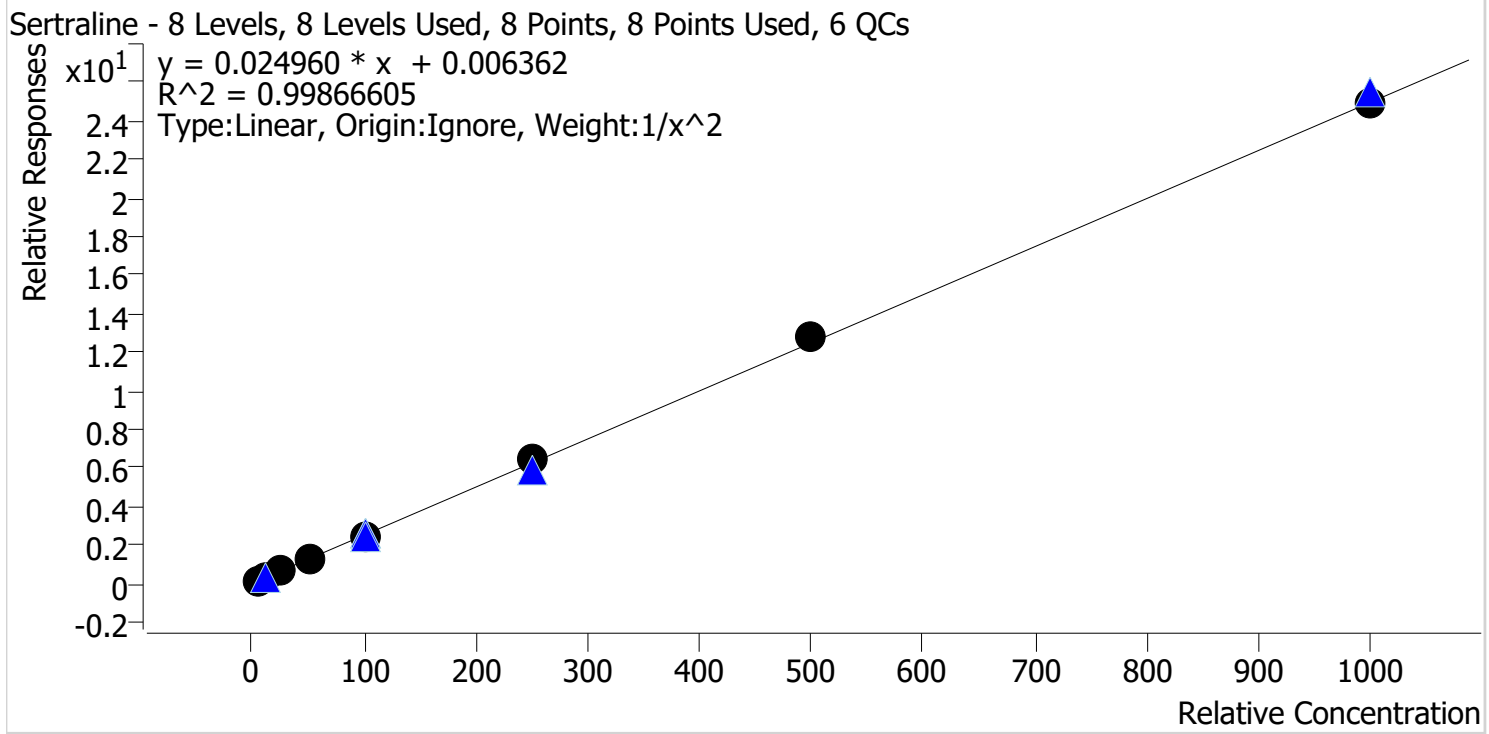
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	451.5	90.3
p1 Cal 8-1000ng	8	✗	1000.0	744.0	74.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.5	94.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	259.9	104.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1001.2	100.1

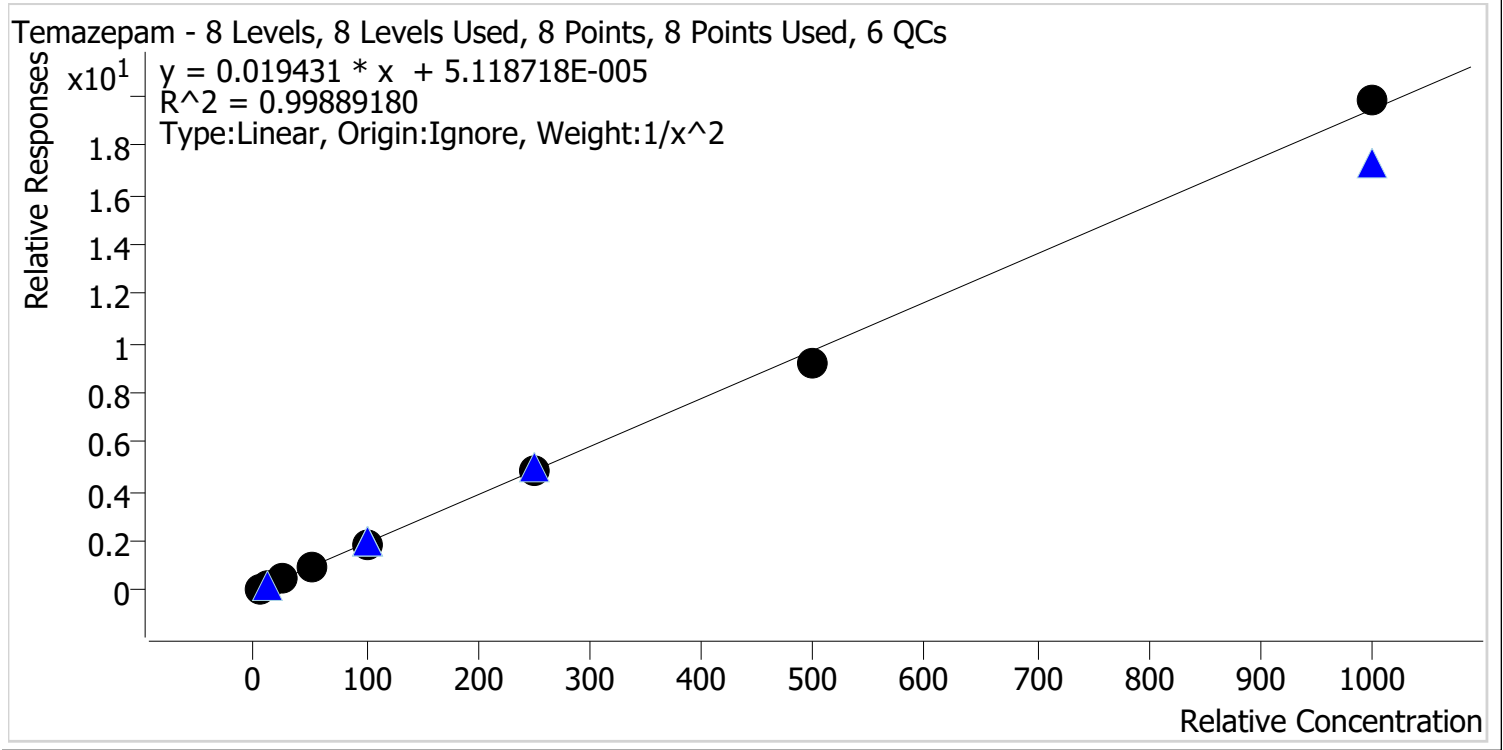
Compound not evaluated in this run due to response in negative control.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 7/24/2023 12:13 PM
 Analyst Name ISP\Datastor
 Analyte Temazepam Internal Standard Temazepam-D5



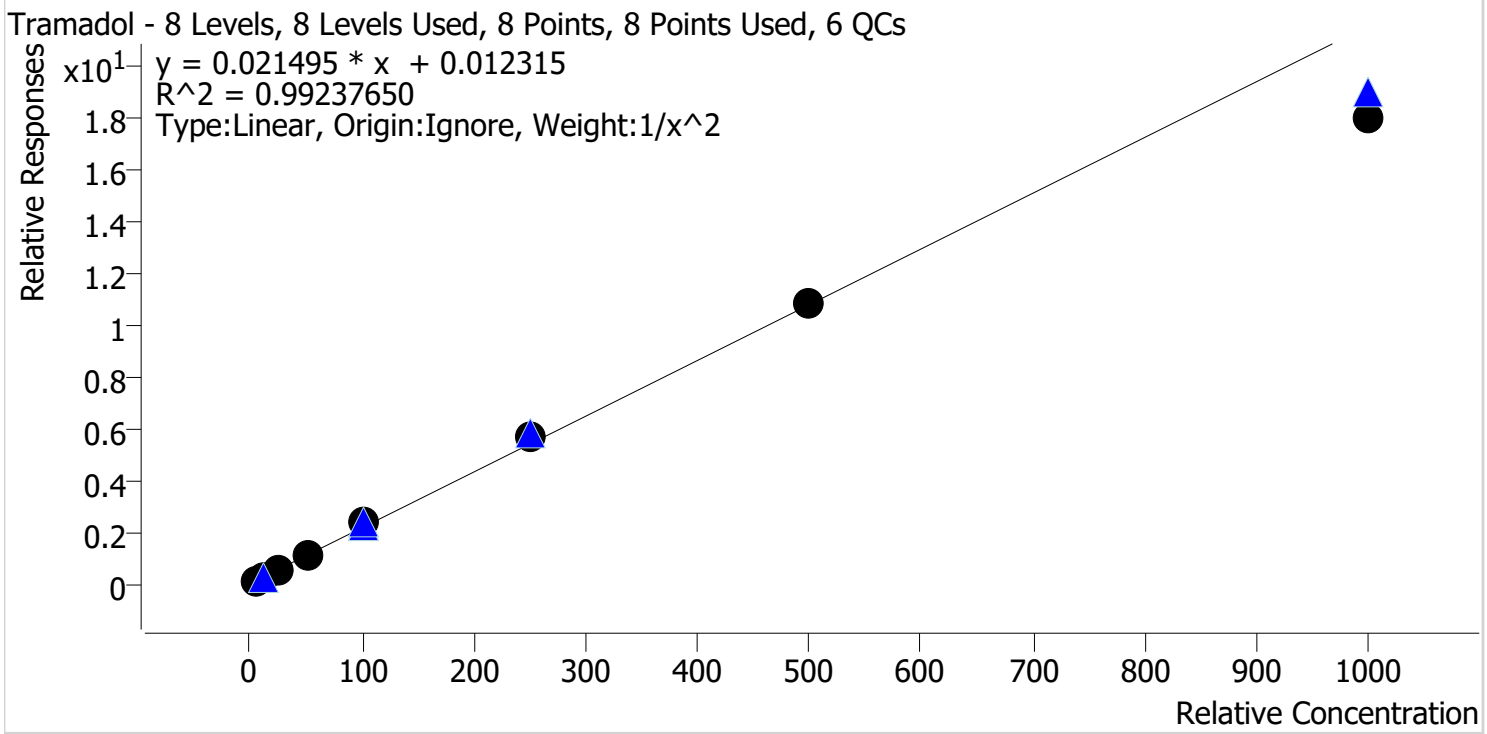
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	472.2	94.4
p1 Cal 8-1000ng	8	✓	1000.0	1018.5	101.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	108.8	108.8
p1 Cal 6-250ng	6	✓	250.0	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	837.9	83.8

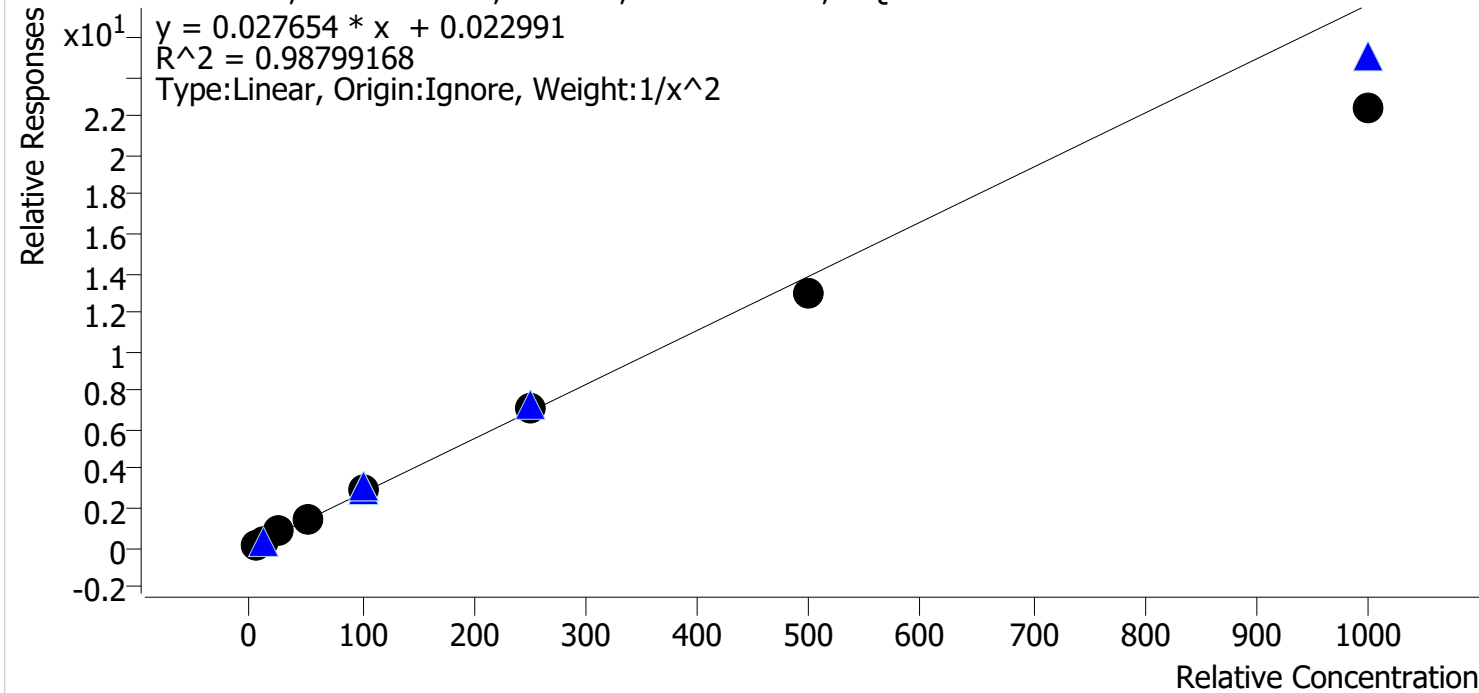
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



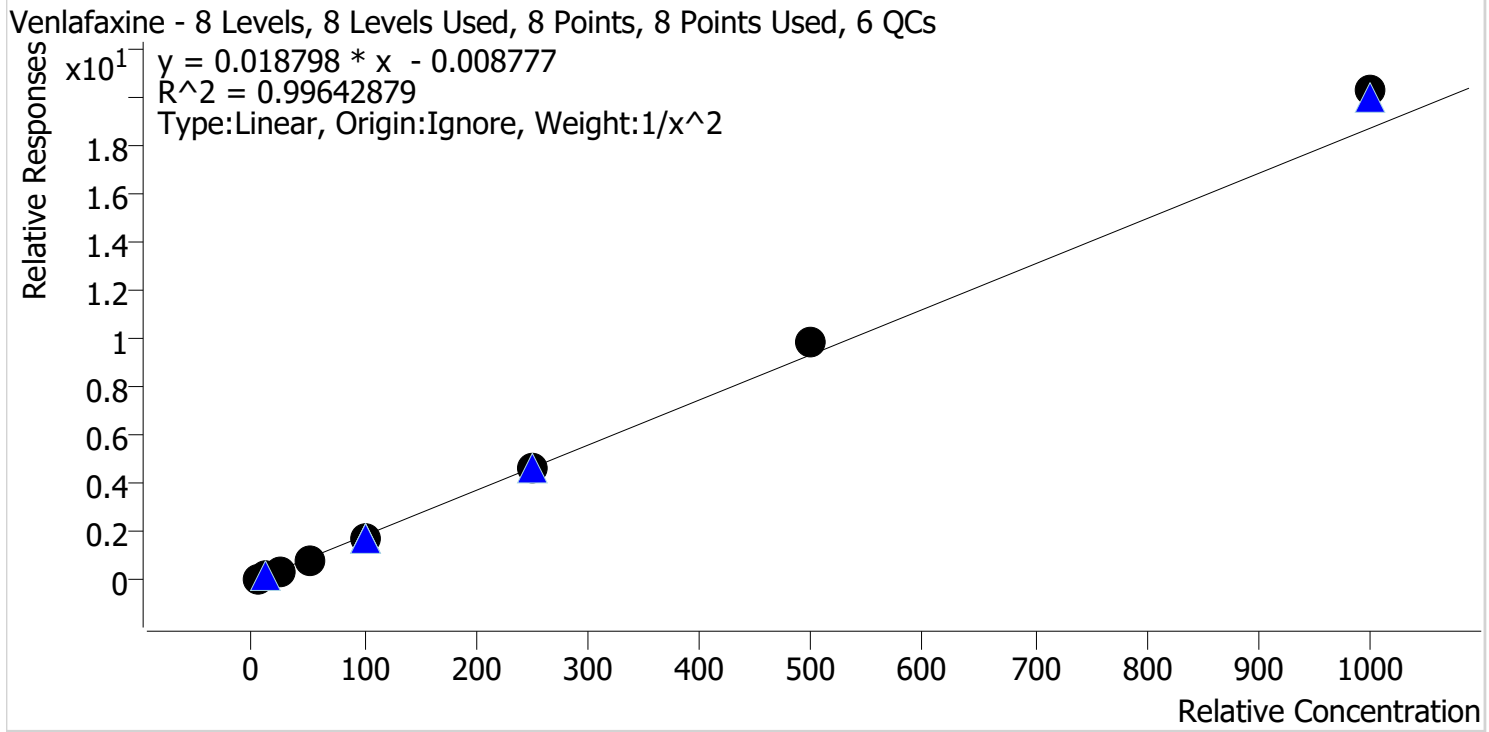
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	108.7	108.7
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	471.3	94.3
p1 Cal 8-1000ng	8	✓	1000.0	811.0	81.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	526.6	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1083.0	108.3

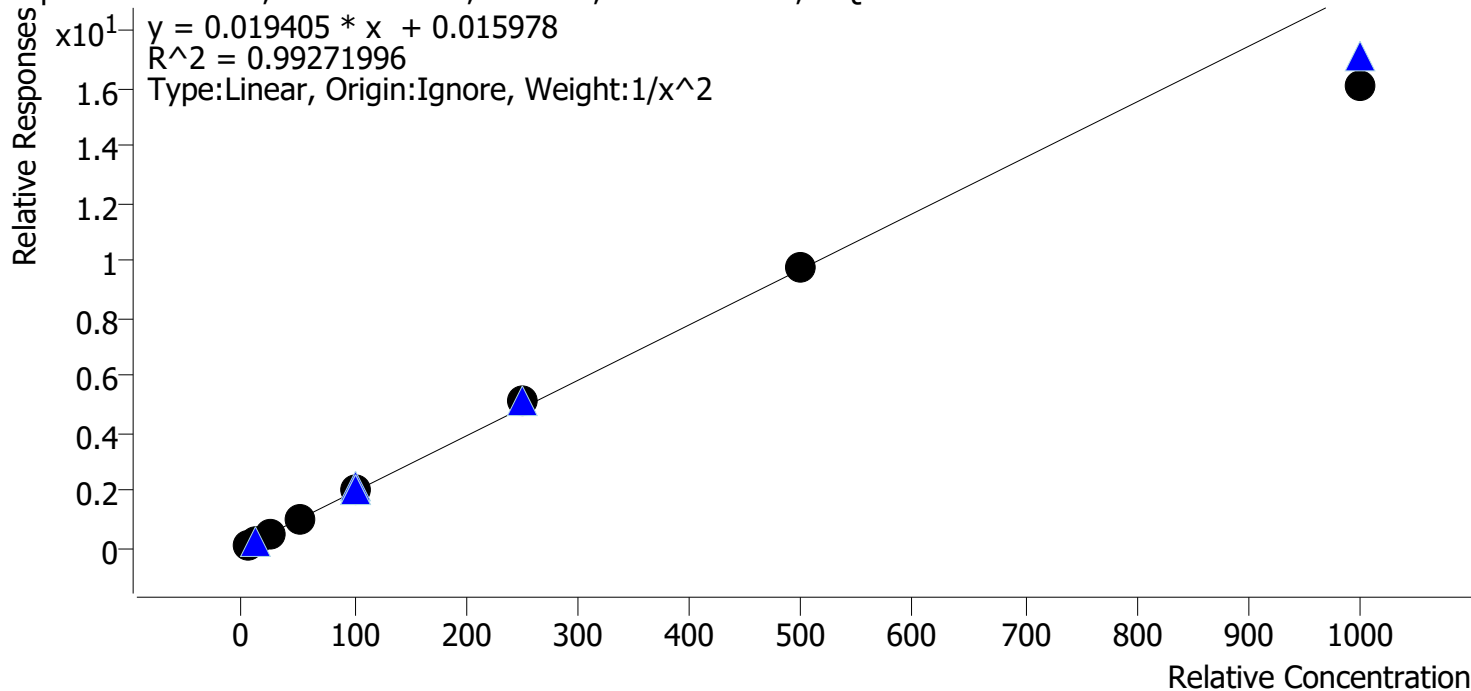
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 7/24/2023 12:13 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	262.3	104.9
p1 Cal 7-500ng	7	✓	500.0	500.2	100.0
p1 Cal 8-1000ng	8	✓	1000.0	830.3	83.0

AM #28 Multi-Drug Quant. Results

TS

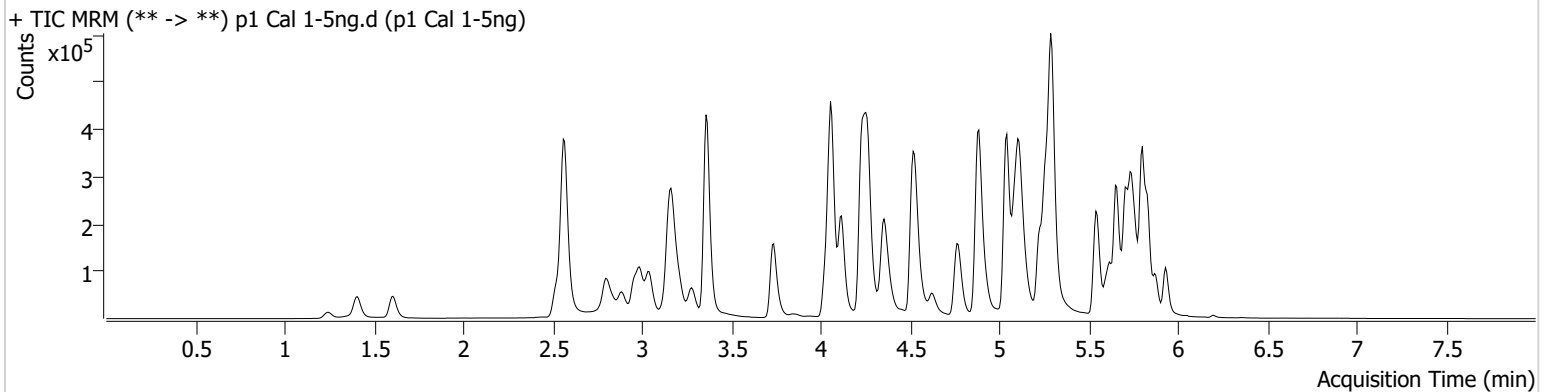


Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-H12 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 12:58:08 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	979	217.16	72.7	949.97	49831	0.5059 ng/ml
7-aminoclonazepam	4.258	12009	111.99	81.7	41.24	101747	4.8827 ng/ml
a-hydroxyalprazolam	5.689	8716	609.47	65.8	391.72	590663	4.8313 ng/ml
alpha-PHP	4.928	15985	515.70	257.4	47.67	421782	5.0253 ng/ml
alpha-PVP	4.363	56898	957.11	48.5	395.86	421782	5.1179 ng/ml
Alprazolam	5.766	31236	201.72	104.6	163.41	144636	5.1281 ng/ml
Amphetamine	3.037	94565	189.20	45.3	91.34	215120	4.8444 ng/ml
Benzoylcegonine	3.877	1792	14.99	9.3	17.11	10759	5.0048 ng/ml
Bupropion	4.785	60918	133.68	65.1	585.81	369848	4.9927 ng/ml
Carisoprodol	5.714	34688	29571.65	52.7	77.42	302679	5.0530 ng/ml
Chlordiazepoxide	5.835	10901	1462.31	123.0	283.10	346632	4.7100 ng/ml
Chlorpheniramine	5.118	79615	395.21	0.3	4.49	672402	5.0663 ng/ml
Citalopram	5.225	47293	390.59	39.6	864.95	356301	4.9838 ng/ml
Clonazepam	5.608	33481	867.27	35.0	14167.86	86607	4.9306 ng/ml
Clonazolam	5.552	13092	10501.45	33.8	4241.73	86607	4.9180 ng/ml
Cocaine	4.264	43957	1596.35	52.6	147.71	680672	4.9992 ng/ml
Codeine	2.580	5297	411.27	110.2	13048.37	44040	4.7040 ng/ml
Cyclobenzaprine	5.625	18859	15113.99	9.8	61.16	151147	5.1822 ng/ml
Dextromethorphan	5.269	22969	24305.49	80.8	90.28	190841	5.1245 ng/ml
Dextrorphan	4.118	19226	57.57	206.9	2730.03	416972	5.1244 ng/ml
Diazepam	5.938	22098	517.57	92.7	438.43	161761	4.9176 ng/ml
Dihydrocodeine	2.552	14779	320.68	60.6	69.98	167849	4.8550 ng/ml
Diphenhydramine	5.297	134052	545.72	30.4	437.26	1110148	5.0803 ng/ml
DMT	2.845	5812	109.30	87.3	203.99	190841	4.5905 ng/ml
Doxylamine	4.538	114827	554.22	103.5	63096.39	955244	5.0867 ng/ml
EDDP	5.262	46539	157.80	46.2	7580.84	463748	5.0747 ng/ml
Etizolam	5.804	14662	17971.93	27.2	6325.03	86607	4.9867 ng/ml
Fentanyl	5.101	2549	189.62	79.6	3999.96	248764	0.5021 ng/ml
Flualprazolam	5.695	11907	540.96	101.2	6379.11	144636	4.8434 ng/ml
Fluorofentanyl	5.156	5782	244.53	36.1	450.41	1820	0.5337 ng/ml
Fluoxetine	5.711	13136	659.16	7.2	790.93	93980	5.0669 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	22299	108.98	35.4	80.31	233343	4.7290 ng/ml
Hydromorphone	1.615	20351	710.34	71.9	304.55	113935	5.0406 ng/ml
Hydroxyzine	5.701	34476	758.21	68.5	486.19	190841	5.1377 ng/ml
Ketamine	4.043	46043	1519.54	38.4	257.05	266656	4.7292 ng/ml
Lamotrigine	4.274	3382	129.24	84.1	139.29	923049	4.9326 ng/ml
Lorazepam	5.737	29008	163.58	53.6	116.29	385781	4.7232 ng/ml
MDA	3.191	69928	95.45	30.7	175.37	343120	4.7533 ng/ml
MDMA	3.285	37016	34629.01	93.0	777.48	88973	5.0506 ng/ml
Meprobamate	4.901	22761	25776.85	26.4	95.33	214504	4.9569 ng/ml
Methadone	5.656	70390	103.19	44.8	441.06	467614	5.1332 ng/ml
Methamphetamine	3.212	75354	275.37	36.1	423.36	534111	4.8341 ng/ml
Metoprolol	4.320	10970	1666.63	93.6	524.42	799613	4.9377 ng/ml
Mirtazapine	4.627	66288	899.23	50.0	1514.42	421782	5.2219 ng/ml
Mitragynine	5.230	11857	895.77	37.7	2186.95	467614	4.9736 ng/ml
Morphine	1.253	3492	1173.45	31.1	215.98	15604	4.8898 ng/ml
Norbuprenorphine	4.990	182	575.17	77.6 Low	105.22	13086	0.5265 ng/ml
Nordiazepam	5.884	19011	13366.47	56.4	586.79	110991	4.9862 ng/ml
Norfentanyl	4.078	9327	102.77	37.5	41.04	708443	0.5294 ng/ml
Norhydrocodone	3.067	3448	44.34	43.3	37.03	86098	5.3277 ng/ml
Noroxycodone	2.904	21374	317.56	49.5	12273.24	140994	5.0097 ng/ml
O-desmethyl-tramadol	3.366	85074	375.90	6.2	492.26	1013201	5.0328 ng/ml
o-desmethylvenlafaxine	4.063	135909	1740.22	18.6	176.20	201625	5.1487 ng/ml
Olanzapine	4.461	11912	20230.63	54.6	115.26	55286	5.1470 ng/ml
Oxazepam	5.747	36667	71.68	72.8	25.94	385781	4.9793 ng/ml
Oxycodone	2.828	37194	423.92	30.2	1137.99	277687	4.9350 ng/ml
Oxymorphone	1.411	20155	191.69	47.8	768.28	123767	5.0468 ng/ml
Phentermine	3.774	19441	95.30	6.4	19.24	425586	4.8510 ng/ml
Promethazine	5.548	37630	646.84	28.6	130.27	306591	5.1283 ng/ml
Pseudoephedrine	2.576	119133	2290.51	16.3	950.07	923049	5.0756 ng/ml
Quetiapine	5.551	54491	169.47	55.7	31560.12	137891	4.8600 ng/ml
Sertraline	5.773	3744	18.63	88.5	125.29	27735	5.1527 ng/ml
Temazepam	5.807	56812	305.07	28.3	52.25	590663	4.9472 ng/ml
Tramadol	4.246	93211	48.73	3.9	18.88	799613	4.8503 ng/ml
Trazodone	5.141	52708	89574.34	58.6	42432.41	337833	4.8104 ng/ml
Venlafaxine	5.042	78574	376.37	39.6	864.45	892052	5.1525 ng/ml
Zolpidem	4.905	89602	16680.44	29.9	410.16	814484	4.8459 ng/ml

AM #28 Multi-Drug Quant. Results

TS

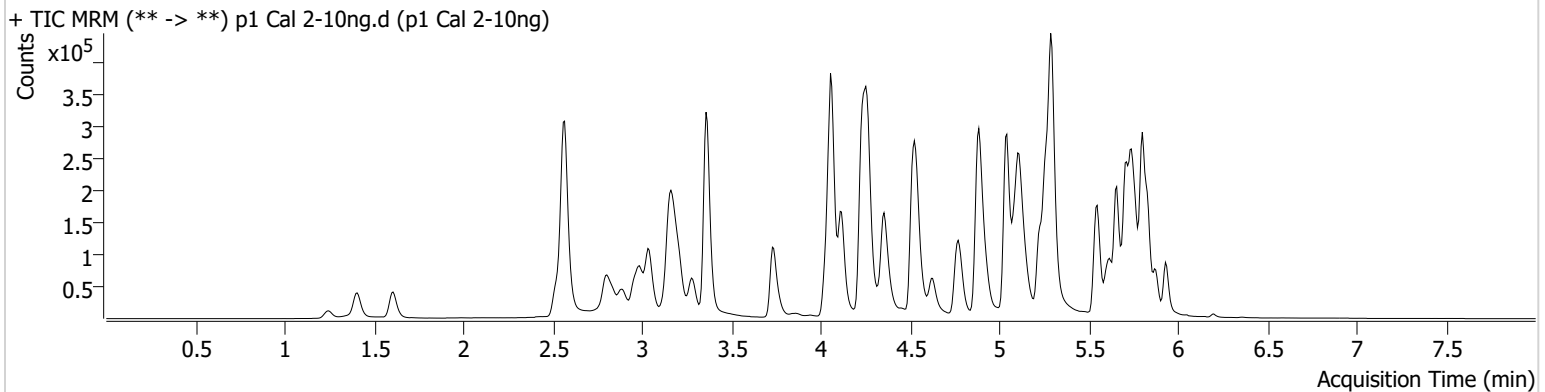


Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

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 P6-G12 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 1:08:55 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	1430	207.11	71.7	8.93 Low	36651	0.9892 ng/ml
7-aminoclonazepam	4.258	16375	407.02	72.6	47.27	67434	10.4463 ng/ml
a-hydroxyalprazolam	5.689	12420	174.97	69.2	122.91	416520	10.4008 ng/ml
alpha-PHP	4.928	20339	1728.24	257.7	913.43	287737	9.7002 ng/ml
alpha-PVP	4.363	74481	101708.48	52.4	228.24	287737	9.6599 ng/ml
Alprazolam	5.766	42167	274.46	114.2	153.07	104655	9.4378 ng/ml
Amphetamine	3.037	130601	553.84	45.8	467.71	151007	10.2686 ng/ml
Benzoylcegonine	3.871	2479	11.48	8.2	201.45	7764	10.1853 ng/ml
Bupropion	4.785	79887	370.49	65.4	107.30	244604	9.9210 ng/ml
Carisoprodol	5.714	52590	807.25	52.4	83.80	222713	10.0938 ng/ml
Chlordiazepoxide	5.835	15544	1972.23	122.8	285.17	227220	10.7742 ng/ml
Chlorpheniramine	5.118	99861	752.99	0.3	17.35	417043	10.0183 ng/ml
Citalopram	5.225	63154	170.72	36.6	69555.45	224057	10.2161 ng/ml
Clonazepam	5.608	46057	174.25	35.3	75.51	59711	10.2308 ng/ml
Clonazolam	5.545	17674	1971.78	36.8	9065.37	59711	10.2057 ng/ml
Cocaine	4.264	61796	980.98	52.4	2167.03	478491	10.0568 ng/ml
Codeine	2.573	8001	24536.09	106.2	17322.41	31488	10.7534 ng/ml
Cyclobenzaprine	5.625	22042	44494.28	8.5	36.56	93081	9.6470 ng/ml
Dextromethorphan	5.269	27357	204562.45	85.5	423.27	119586	9.5416 ng/ml
Dextrorphan	4.118	25241	27712.69	212.0	512.98	281721	9.6814 ng/ml
Diazepam	5.938	30433	978.40	90.1	560.13	106719	10.2339 ng/ml
Dihydrocodeine	2.552	21113	7326.26	61.0	290.21	126993	10.0968 ng/ml
Diphenhydramine	5.297	170945	395.72	30.7	455.46	707005	9.8937 ng/ml
DMT	2.845	8369	256.00	87.3	50.84	119586	11.4041 ng/ml
Doxylamine	4.538	157451	9097.76	101.8	10291.50	667094	9.7667 ng/ml
Duloxetine	5.651	1530	59.68	16.2	15.69	7084	10.1366 ng/ml
EDDP	5.262	63264	124.62	43.3	156.94	316211	9.8853 ng/ml
Etizolam	5.804	21495	40572.16	23.4	5508.32	59711	10.3104 ng/ml
Fentanyl	5.101	2873	52.36	75.9	20.06	150571	0.9694 ng/ml
Flualprazolam	5.695	16858	1626.57	97.8	14431.94	104655	10.1075 ng/ml
Fluorofentanyl	5.156	6442	278.01	38.9	169.41	1130	0.9078 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluoxetine	5.704	16608	1394.66	7.4	28.10	58211	10.0925 ng/ml
Hydrocodone	3.019	33103	130.17	33.3	73.84	167862	10.5191 ng/ml
Hydromorphone	1.615	29020	4985.40	74.0	219.38	82953	9.8811 ng/ml
Hydroxyzine	5.701	44291	956.61	67.0	1552.81	119586	9.9053 ng/ml
Ketamine	4.043	64575	190.49	36.0	87.24	188728	10.6157 ng/ml
Lamotrigine	4.274	4735	152.85	79.1	1412.62	658668	10.0518 ng/ml
Lorazepam	5.737	40405	562.52	51.2	86.15	273823	10.4459 ng/ml
MDA	3.191	97036	232.32	30.7	358.01	236474	10.4305 ng/ml
MDMA	3.285	49211	63206.58	95.7	809.16	61199	9.7388 ng/ml
Meprobamate	4.901	30867	223.15	27.5	549.34	154460	9.7845 ng/ml
Methadone	5.656	81982	5405.95	48.9	68533.40	282546	9.7714 ng/ml
Methamphetamine	3.212	101908	390.88	37.6	382.39	371482	10.2766 ng/ml
Metoprolol	4.327	15272	3994.41	95.1	2417.49	547980	10.0709 ng/ml
Mirtazapine	4.627	89559	990.45	48.9	1201.68	287737	9.6581 ng/ml
Mitragynine	5.236	14184	2524.92	38.9	185.72	282546	9.8877 ng/ml
Morphine	1.253	5149	802.78	30.2	803.33	11301	10.2521 ng/ml
Norbuprenorphine	4.990	208	308.67	110.3	651.77	8037	1.0663 ng/ml
Nordiazepam	5.884	25835	1393.40	62.6	133.35	74539	10.0821 ng/ml
Norfentanyl	4.078	12556	267.13	34.8	67.46	502825	0.9305 ng/ml
Norhydrocodone	3.067	4883	57.49	41.8	26.00	61280	9.1915 ng/ml
Noroxycodone	2.904	29537	446.79	52.8	261.37	101071	9.8634 ng/ml
O-desmethyl-tramadol	3.366	121372	7178.06	6.1	177.16	697491	10.0697 ng/ml
o-desmethylvenlafaxine	4.063	191607	793.59	18.5	79.88	143684	9.7088 ng/ml
Olanzapine	4.461	11269	472.41	54.8	221.44	26281	9.7213 ng/ml
Oxazepam	5.747	50421	876.14	70.9	126.96	273823	9.9403 ng/ml
Oxycodone	2.828	52662	781.95	31.1	371.88	205750	9.9114 ng/ml
Oxymorphone	1.405	29215	232.12	46.9	389.65	94369	9.7967 ng/ml
Phentermine	3.774	26433	240.27	7.6	40.09	298780	10.1490 ng/ml
Promethazine	5.541	45163	453.06	29.1	162.49	189470	9.7289 ng/ml
Pseudoephedrine	2.576	171638	1739.98	16.6	717.09	658668	9.9642 ng/ml
Quetiapine	5.551	73040	2068.69	51.0	77.48	91564	10.2570 ng/ml
Sertraline	5.773	4615	74.37	105.9	2135.04	18995	9.4792 ng/ml
Temazepam	5.807	81228	547.90	31.4	127.64	416520	10.0334 ng/ml
Tramadol	4.246	129970	293.76	3.4	50.17	547980	10.4615 ng/ml
Trazodone	5.141	63672	56796.48	58.7	31542.34	209928	10.1367 ng/ml
Venlafaxine	5.042	103725	1741.77	40.2	267.15	596338	9.7196 ng/ml
Zolpidem	4.905	122179	389.88	30.0	1068.00	561148	10.3971 ng/ml

AM #28 Multi-Drug Quant. Results

TS



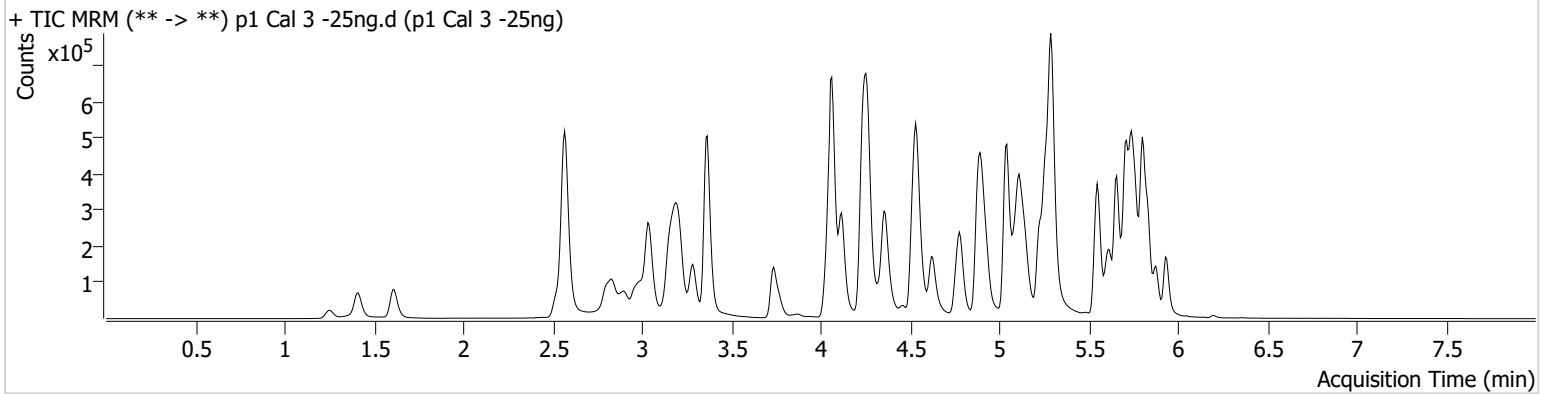
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-F12
Injection Volume 2
Acq. Date-Time 7/19/2023 1:19:32 PM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Tamara Salazar

Comment
 Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	4372	8245.74	75.9	2429.77	45794	2.3976 ng/ml
7-aminoclonazepam	4.258	47529	204.70	82.2	138.16	85405	24.4296 ng/ml
a-hydroxyalprazolam	5.689	38229	185.11	67.6	235.20	527495	26.1741 ng/ml
alpha-PHP	4.935	65279	3214.71	265.3	1914.48	361684	25.3554 ng/ml
alpha-PVP	4.363	240356	1011.38	52.1	10636.20	361684	24.5264 ng/ml
Alprazolam	5.766	138049	1626.82	109.9	262.66	127259	25.1563 ng/ml
Amphetamine	3.037	396618	5356.81	46.0	544.61	185138	26.5613 ng/ml
Benzoylcegonine	3.877	7183	223.35	8.1	1985.40	10131	23.4108 ng/ml
Buprenorphine	5.803	4688	596.16	11.7 Low	1029.23	56879	1.7931 ng/ml
Bupropion	4.785	256937	8788.53	65.8	332.07	308016	25.3729 ng/ml
Carisoprodol	5.714	157123	232141.13	52.0	213.12	276099	23.9041 ng/ml
Chlordiazepoxide	5.835	49339	2429.82	123.0	440.53	307284	25.8937 ng/ml
Chlorpheniramine	5.118	321718	7355.94	0.3	25.76	530072	25.0519 ng/ml
Citalopram	5.225	197035	7146.07	38.7	961.08	292040	23.9979 ng/ml
Clonazepam	5.608	144448	97.92	36.9	2036.63	78658	24.9034 ng/ml
Clonazolam	5.545	56025	81617.22	35.8	49020.44	78658	25.4048 ng/ml
Cocaine	4.264	192383	356.55	52.4	2483.74	601757	24.9830 ng/ml
Codeine	2.580	23809	705.15	107.2	1928.57	39376	26.5987 ng/ml
Cyclobenzaprine	5.625	73996	186309.60	9.3	75.53	128618	23.1374 ng/ml
Dextromethorphan	5.269	93213	10070.20	81.4	110.91	153581	24.9496 ng/ml
Dextrorphan	4.118	83053	404.51	208.2	430.37	363098	24.2609 ng/ml
Diazepam	5.938	101370	695.03	89.4	467.95	145314	24.9923 ng/ml
Dihydrocodeine	2.552	64650	1248.24	60.1	1795.48	153605	27.1650 ng/ml
Diphenhydramine	5.297	568645	32090.31	30.7	2381.65	933644	24.4991 ng/ml
DMT	2.845	24291	280.92	90.5	828.10	153581	26.6056 ng/ml
Doxylamine	4.538	511845	88016.32	100.6	1653.64	850104	24.5589 ng/ml
Duloxetine	5.651	5257	105.72	15.6	115.61	10309	24.2884 ng/ml
EDDP	5.262	202314	280.69	40.5	860.07	405783	24.2865 ng/ml
Etizolam	5.804	68262	136153.39	26.5	3474.10	78658	24.4893 ng/ml
Fentanyl	5.101	9826	156.92	75.1	623.80	198904	2.5733 ng/ml
Flualprazolam	5.695	53386	2050.28	100.7	1609.75	127259	27.3811 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	23270	180.65	40.0	4501.63	1569	2.2608 ng/ml
Fluoxetine	5.711	54867	83484.67	7.7	46.17	81075	23.6091 ng/ml
Hydrocodone	3.019	99898	103.11	35.1	119.50	201981	27.4605 ng/ml
Hydromorphone	1.615	90776	312758.21	73.5	176.26	103592	24.7641 ng/ml
Hydroxyzine	5.708	142000	821.16	69.2	2122.74	153581	23.8335 ng/ml
Ketamine	4.043	193469	541.34	37.0	251.23	238328	26.9257 ng/ml
Lamotrigine	4.274	14176	1001.65	83.6	515.04	806881	25.1287 ng/ml
Lorazepam	5.737	126635	1699.39	56.2	218.59	344299	27.8627 ng/ml
MDA	3.191	295799	1992.98	30.3	1073.52	290316	27.1571 ng/ml
MDMA	3.285	158390	1147.85	91.7	1026.60	76474	25.0454 ng/ml
Meprobamate	4.901	100353	694.99	26.5	167.26	187070	27.1208 ng/ml
Methadone	5.656	277817	5614.45	46.3	1430.09	389273	23.8409 ng/ml
Methamphetamine	3.212	316037	3404.99	37.5	1538.30	463228	26.9386 ng/ml
Metoprolol	4.327	49145	62714.94	91.4	3161.12	691401	25.7455 ng/ml
Mirtazapine	4.627	274617	13842.11	47.8	572.65	361684	22.5562 ng/ml
Mitragynine	5.230	50769	2232.81	36.0	15371.97	389273	25.7535 ng/ml
Morphine	1.261	15494	4837.73	28.9	235.67	13813	25.6632 ng/ml
Norbuprenorphine	4.997	658	1992.06	105.1	2143.69	10913	2.6077 ng/ml
Nordiazepam	5.884	83685	1429.73	63.1	490.81	99531	24.4471 ng/ml
Norfentanyl	4.078	39690	4187.01	33.4	204.06	611841	2.2864 ng/ml
Norhydrocodone	3.060	15619	175.22	39.7	81.75	69592	23.2985 ng/ml
Noroxycodone	2.911	90219	1405.84	52.1	1482.90	121598	25.3835 ng/ml
O-desmethyl-tramadol	3.366	384847	14390.71	6.1	1589.31	892469	24.4567 ng/ml
o-desmethylvenlafaxine	4.063	601695	4241.45	18.0	743.09	178281	23.8253 ng/ml
Olanzapine	4.461	41448	48188.00	55.1	160.84	38439	23.6472 ng/ml
Oxazepam	5.747	159384	844.52	70.1	344.30	344299	25.4646 ng/ml
Oxycodone	2.828	164567	702.61	30.7	361.52	248534	26.4791 ng/ml
Oxymorphone	1.411	86025	373.37	48.4	∞	110160	25.0543 ng/ml
Phentermine	3.774	82153	202.96	6.4	109.71	369199	26.7466 ng/ml
Promethazine	5.548	147054	219.98	30.8	214.50	247035	23.9302 ng/ml
Pseudoephedrine	2.576	510732	829.13	16.0	91.98	806881	23.8063 ng/ml
Quetiapine	5.551	232842	34500.56	55.0	145.23	115732	26.5371 ng/ml
Sertraline	5.773	17387	157.04	93.5	33924.46	28322	24.3400 ng/ml
Temazepam	5.807	267413	5590.20	28.9	224.52	527495	26.0865 ng/ml
Tramadol	4.246	388059	138.11	3.6	79.07	691401	25.5389 ng/ml
Trazodone	5.141	202663	175268.61	59.5	130399.41	256542	27.7354 ng/ml
Venlafaxine	5.043	340307	9543.75	39.8	992.18	779067	23.7036 ng/ml
Zolpidem	4.905	377707	3050.70	30.6	2253.45	734471	25.6783 ng/ml

AM #28 Multi-Drug Quant. Results

TS

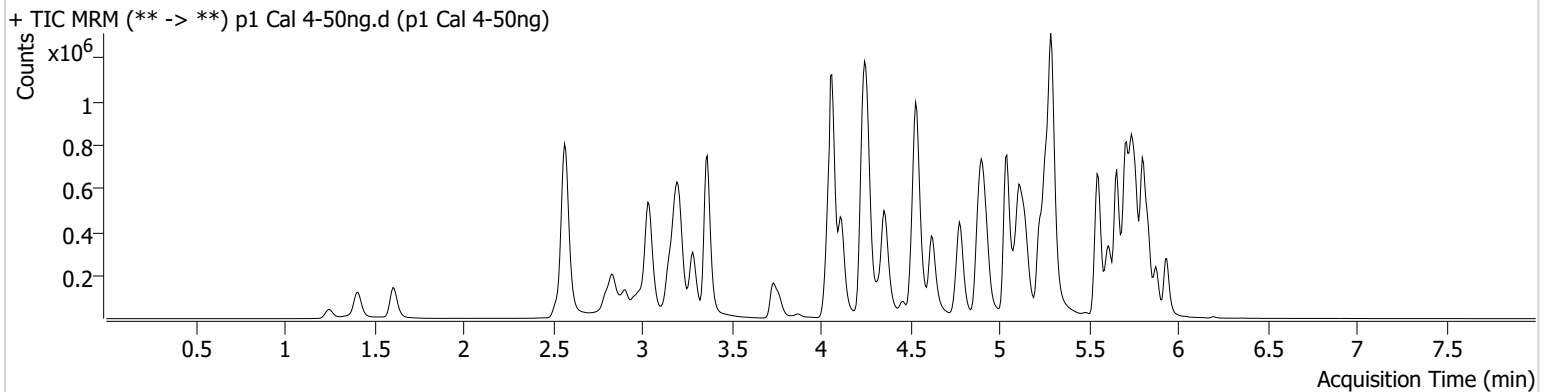


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Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-E12 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 1:30:09 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	10179	464.65	72.1	2688.58	50126	5.0827 ng/ml
7-aminoclonazepam	4.258	107270	307.05	76.0	354.05	91024	52.1563 ng/ml
a-hydroxyalprazolam	5.689	79839	425.06	69.0	2669.04	556369	52.4394 ng/ml
alpha-PHP	4.928	151386	1468.70	264.3	3481.95	405780	52.8140 ng/ml
alpha-PVP	4.363	535380	546.82	51.7	586.94	405780	48.5223 ng/ml
Alprazolam	5.766	301332	1269.06	111.8	335.93	139336	50.0028 ng/ml
Amphetamine	3.043	881006	12168.39	46.7	1762.53	208826	53.0471 ng/ml
Benzoylcegonine	3.871	16767	3767.13	8.0	20.51	10915	51.4680 ng/ml
Buprenorphine	5.803	10323	17227.14	17.3	1770.61	63586	4.5771 ng/ml
Bupropion	4.785	580988	30131.75	64.8	335.41	348907	50.6709 ng/ml
Carisoprodol	5.714	323020	281926.10	52.2	447.22	280090	48.1356 ng/ml
Chlordiazepoxide	5.835	108674	5906.56	124.5	2407.01	326221	54.2069 ng/ml
Chlorpheniramine	5.118	754732	16951.61	0.3	67.12	634810	48.8605 ng/ml
Citalopram	5.225	462857	569.42	37.6	∞	330056	49.5279 ng/ml
Clonazepam	5.608	314162	1136.07	36.6	3190.42	85182	50.4130 ng/ml
Clonazolam	5.552	117476	161764.40	39.0	38914.62	85182	49.7531 ng/ml
Cocaine	4.264	424499	367.29	51.5	4881.48	680961	48.7704 ng/ml
Codeine	2.580	50876	3310.59	107.7	1617.92	41651	54.4813 ng/ml
Cyclobenzaprine	5.625	161656	12392.62	9.1	234.60	135230	47.8497 ng/ml
Dextromethorphan	5.269	211786	1727.52	80.1	2779.80	177640	48.7969 ng/ml
Dextrorphan	4.118	188228	737.32	204.1	2057.16	407296	48.7184 ng/ml
Diazepam	5.938	218515	377.80	89.3	5292.47	151703	51.5738 ng/ml
Dihydrocodeine	2.552	141084	1025.01	60.3	639.98	173233	53.5432 ng/ml
Diphenhydramine	5.297	1269506	382.13	30.3	536.11	1097942	46.2598 ng/ml
DMT	2.845	53514	556.82	90.4	3430.14	177640	51.2706 ng/ml
Doxylamine	4.538	1169401	6822.06	100.6	2437.09	985345	48.1853 ng/ml
Duloxetine	5.651	10000	2414.81	16.5	1915.76	9889	48.4191 ng/ml
EDDP	5.262	482627	1241.23	41.8	867.60	484639	48.2768 ng/ml
Etizolam	5.804	140710	180033.54	27.3	26010.58	85182	46.3790 ng/ml
Fentanyl	5.101	21059	118.42	72.5	129.91	217518	5.0816 ng/ml
Flualprazolam	5.695	112941	6204.40	97.9	1648.83	139336	53.5196 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	48627	333.14	40.6	4093.60	1493	4.8868 ng/ml
Fluoxetine	5.711	106260	1420936.96	8.6	127.08	78637	46.9020 ng/ml
Hydrocodone	3.019	222684	773.41	34.6	345.94	235344	53.1878 ng/ml
Hydromorphone	1.615	200716	7298.93	73.6	5655.51	114333	49.6218 ng/ml
Hydroxyzine	5.701	303744	4399.43	69.6	3272.25	177640	43.5683 ng/ml
Ketamine	4.043	427998	9959.19	38.2	1242.49	276170	52.5563 ng/ml
Lamotrigine	4.274	32728	644.55	82.8	6888.01	879787	53.6403 ng/ml
Lorazepam	5.737	255659	952.35	51.9	214.51	361553	54.6948 ng/ml
MDA	3.191	669970	995.32	29.6	2120.41	332747	54.4944 ng/ml
MDMA	3.285	362325	242663.89	91.3	2983.00	87375	50.1203 ng/ml
Meprobamate	4.901	210596	14784.91	26.6	1599.43	208048	51.6263 ng/ml
Methadone	5.656	639849	1126.51	47.1	4252.32	448451	47.5303 ng/ml
Methamphetamine	3.212	705576	1157.95	38.3	1256.59	543276	52.1199 ng/ml
Metoprolol	4.320	109803	28994.42	90.3	11578.68	794922	50.0684 ng/ml
Mirtazapine	4.620	647175	30333.06	46.1	6496.42	405780	46.6131 ng/ml
Mitragynine	5.230	115157	104654.59	35.6	79248.29	448451	50.7469 ng/ml
Morphine	1.253	35033	1289.59	29.1	379.88	15892	50.7101 ng/ml
Norbuprenorphine	4.990	1417	738.60	117.9	1659.77	13136	4.7388 ng/ml
Nordiazepam	5.877	188891	2310.86	58.7	2486.18	107081	51.2824 ng/ml
Norfentanyl	4.078	88276	929.77	34.8	660.75	667929	4.5733 ng/ml
Norhydrocodone	3.067	32818	223.00	39.8	82.86	74110	44.5847 ng/ml
Noroxycodone	2.904	199538	379.83	51.6	888.86	135928	50.4395 ng/ml
O-desmethyl-tramadol	3.366	854704	21886.23	6.2	3311.92	1014723	47.4515 ng/ml
o-desmethylvenlafaxine	4.063	1316587	24136.67	18.7	2044.47	194617	47.2670 ng/ml
Olanzapine	4.461	112345	1345.40	54.2	1242.75	51437	47.3578 ng/ml
Oxazepam	5.747	340579	6840.79	70.1	190.25	361553	52.1415 ng/ml
Oxycodone	2.828	373868	13607.50	30.2	2515.14	289294	52.1830 ng/ml
Oxymorphone	1.411	194364	∞	48.0	674.89	125494	49.9115 ng/ml
Phentermine	3.767	187994	307.43	6.4	59.87	427976	53.5840 ng/ml
Promethazine	5.541	327225	1390.44	29.3	618.19	270361	48.4025 ng/ml
Pseudoephedrine	2.576	1128006	1064.35	16.8	11422.05	879787	47.9363 ng/ml
Quetiapine	5.551	508754	710.55	57.4	145.80	132622	50.9960 ng/ml
Sertraline	5.773	34090	710.83	91.4	40785.34	26921	50.4772 ng/ml
Temazepam	5.807	547831	8920.58	29.3	235.88	556369	50.6706 ng/ml
Tramadol	4.239	846185	163.99	3.6	233.11	794922	48.9506 ng/ml
Trazodone	5.141	449357	441848.66	59.4	266525.89	301581	53.0494 ng/ml
Venlafaxine	5.042	777430	538.64	38.7	1148.30	877906	47.5745 ng/ml
Zolpidem	4.905	840309	2779.22	30.6	6236.03	832305	51.2061 ng/ml

AM #28 Multi-Drug Quant. Results

TS



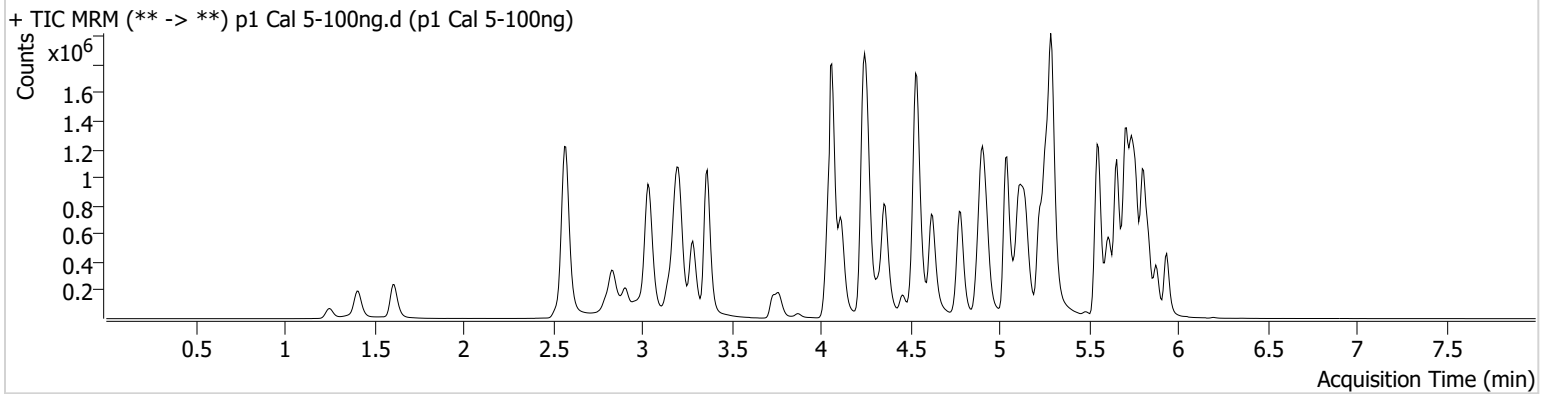
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Calibration Last Update 7/24/2023 12:13:21 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D12
Injection Volume 2
Acq. Date-Time 7/19/2023 1:40:47 PM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Tamara Salazar

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	19891	520.65	71.4	27872.48	49425	10.0574 ng/ml
7-aminoclonazepam	4.258	187011	146.79	79.1	271.49	78931	105.2411 ng/ml
a-hydroxyalprazolam	5.689	140682	377.73	68.3	468.12	504668	102.4587 ng/ml
alpha-PHP	4.928	283058	2626.46	258.1	23053.05	387483	103.7759 ng/ml
alpha-PVP	4.363	1058801	1390.61	50.5	576.07	387483	100.3048 ng/ml
Alprazolam	5.766	560532	1141.55	110.9	738.30	128722	100.5320 ng/ml
Amphetamine	3.037	1722806	1947.25	44.4	2896.28	207768	104.9975 ng/ml
Benzoylcegonine	3.871	32139	355.04	8.3	401.65	10924	99.1634 ng/ml
Buprenorphine	5.803	21050	11152.40	14.3	3309.88	61491	10.8456 ng/ml
Bupropion	4.785	1114403	18035.39	66.5	3416.70	330046	102.7688 ng/ml
Carisoprodol	5.714	548123	475360.60	54.8	998.07	243863	93.5297 ng/ml
Chlordiazepoxide	5.835	204201	4294.57	126.3	3076.85	304290	109.6532 ng/ml
Chlorpheniramine	5.111	1531605	11709.48	0.3	46.21	621603	101.0226 ng/ml
Citalopram	5.225	920455	1610.96	38.0	286.66	316670	102.3057 ng/ml
Clonazepam	5.601	606093	17919.09	35.7	388.59	78443	106.0465 ng/ml
Clonazolam	5.545	231971	85369.25	38.1	67590.20	78443	107.3712 ng/ml
Cocaine	4.257	796103	650.64	52.4	542256.13	625359	99.6579 ng/ml
Codeine	2.580	94336	2545.82	105.4	1610.75	40184	105.3833 ng/ml
Cyclobenzaprine	5.625	364132	179913.69	9.6	112.17	146808	99.0564 ng/ml
Dextromethorphan	5.269	426110	384.83	79.2	7042.15	172305	100.9808 ng/ml
Dextrorphan	4.118	352880	879.79	209.5	20361.86	375915	98.6566 ng/ml
Diazepam	5.938	413946	406.67	91.0	563.82	142974	103.6342 ng/ml
Dihydrocodeine	2.552	261275	22327.55	62.1	427.75	166544	104.1093 ng/ml
Diphenhydramine	5.297	2516523	56167.44	29.6	5913.06	1008786	99.4824 ng/ml
DMT	2.845	97025	752.21	97.4	1228.88	172305	96.4076 ng/ml
Doxylamine	4.538	2318958	432.68	98.8	202225.20	928810	101.1160 ng/ml
Duloxetine	5.651	23298	272.39	14.7	569.62	10698	104.5756 ng/ml
EDDP	5.262	927987	93854.91	42.5	2003.19	455148	98.5961 ng/ml
Etizolam	5.804	271258	7178.12	26.0	71606.61	78443	96.8052 ng/ml
Fentanyl	5.101	45644	724.61	77.6	433.82	226613	10.6152 ng/ml
Flualprazolam	5.695	203500	4460.52	98.2	1631.06	128722	105.0106 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	110203	861.73	39.7	10510.84	1639	10.0249 ng/ml
Fluoxetine	5.711	225941	295.89	8.5	311.65	80849	96.7425 ng/ml
Hydrocodone	3.013	430629	∞	34.7	201.28	225942	107.8606 ng/ml
Hydromorphone	1.615	387058	1527518.84	73.3	2506.79	109215	100.1835 ng/ml
Hydroxyzine	5.701	632752	18246.41	72.5	6613.83	172305	92.8842 ng/ml
Ketamine	4.043	823326	2137.66	37.4	2560.11	262170	107.8006 ng/ml
Lamotrigine	4.274	59146	865.62	85.0	884.27	809997	105.6643 ng/ml
Lorazepam	5.737	434482	2028.50	53.8	1339.11	319854	106.1959 ng/ml
MDA	3.191	1189884	8489.65	28.7	1425.47	294766	110.1066 ng/ml
MDMA	3.285	694457	14836.18	90.9	8149.13	80770	103.8930 ng/ml
Meprobamate	4.901	386510	542.26	26.9	6351.96	192239	103.0433 ng/ml
Methadone	5.656	1246647	14012.89	49.8	688.45	428538	96.7706 ng/ml
Methamphetamine	3.212	1366669	1185.72	37.4	9983.48	538040	102.8240 ng/ml
Metoprolol	4.320	208616	376895.17	92.1	836.73	703482	107.5350 ng/ml
Mirtazapine	4.620	1271770	9704.05	48.1	203031.79	387483	95.1872 ng/ml
Mitragynine	5.230	232011	2324.72	35.5	14353.63	428538	107.0377 ng/ml
Morphine	1.253	68002	1735.76	28.4	236.24	14774	106.1958 ng/ml
Norbuprenorphine	4.997	2585	5872.91	118.8	118.55	12225	9.3798 ng/ml
Nordiazepam	5.877	352557	633.50	59.9	1356.00	101485	100.9873 ng/ml
Norfentanyl	4.078	163503	1339.72	35.0	456.51	574277	9.7573 ng/ml
Norhydrocodone	3.067	59633	213.01	38.6	90.20	62555	94.3368 ng/ml
Noroxycodone	2.911	370712	3391.04	51.5	506.86	128780	99.1237 ng/ml
O-desmethyl-tramadol	3.366	1641974	39037.22	6.3	456.14	940820	97.9596 ng/ml
o-desmethylvenlafaxine	4.063	2521110	28805.80	18.7	2046.37	179216	97.7626 ng/ml
Olanzapine	4.455	261830	84673.63	54.4	1265.07	56946	99.1117 ng/ml
Oxazepam	5.740	559947	715.35	74.5	232.54	319854	97.1711 ng/ml
Oxycodone	2.828	697007	1326.41	30.6	2730.52	267313	105.8227 ng/ml
Oxymorphone	1.411	367191	∞	48.3	∞	119426	99.3046 ng/ml
Phentermine	3.767	366497	188.57	6.2	144.02	417109	107.9897 ng/ml
Promethazine	5.541	744482	15578.73	30.6	190.89	302439	98.1892 ng/ml
Pseudoephedrine	2.576	2170920	28878.35	16.8	24315.52	809997	99.9023 ng/ml
Quetiapine	5.551	995346	26981.04	57.8	20109.71	126650	104.9355 ng/ml
Sertraline	5.773	63905	391.56	99.5	1606.01	26162	97.6071 ng/ml
Temazepam	5.807	966327	42327.75	29.4	790.83	504668	98.5377 ng/ml
Tramadol	4.239	1653661	116.32	3.5	427.71	703482	108.7885 ng/ml
Trazodone	5.141	939080	1194.66	62.3	924.74	309953	108.7288 ng/ml
Venlafaxine	5.042	1515906	1958.88	38.8	788.77	851435	95.1775 ng/ml
Zolpidem	4.905	1653127	3680.67	29.6	13427.58	797611	105.9858 ng/ml

AM #28 Multi-Drug Quant. Results

TS

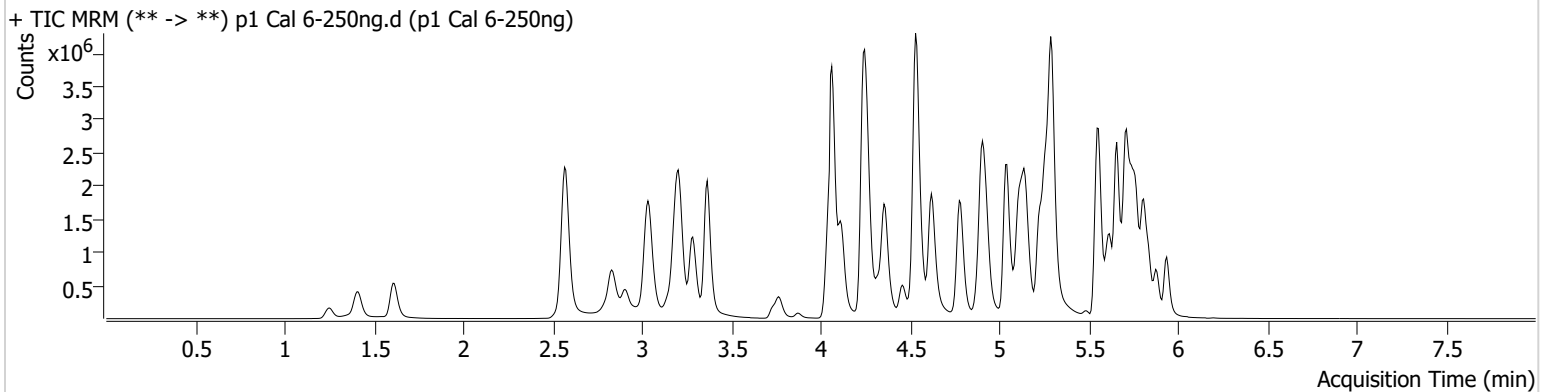


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Calibration Last Update 7/24/2023 12:13:21 PM

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 P6-C12 **Comment**
Injection Volume 2
Acq. Date-Time 7/19/2023 1:51:24 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	51421	122554.56	72.7	34238.47	52581	24.4168 ng/ml
7-aminoclonazepam	4.251	414617	4309.94	80.3	198.04	76003	242.8108 ng/ml
a-hydroxyalprazolam	5.682	251028	289.95	73.0	660.73	390191	237.2796 ng/ml
alpha-PHP	4.928	673491	2015.83	266.6	62463.73	381953	251.0279 ng/ml
alpha-PVP	4.363	2532357	59167.93	53.1	34673.61	381953	243.1257 ng/ml
Alprazolam	5.766	1272863	5052.49	108.5	1607.01	111905	262.3548 ng/ml
Amphetamine	3.037	3425315	77174.57	46.0	13753.26	209548	207.7259 ng/ml
Benzoylcegonine	3.871	81479	521.61	8.3	837.25	11289	244.2103 ng/ml
Buprenorphine	5.803	48195	2393.77	15.5	11630.99	65394	24.5921 ng/ml
Bupropion	4.778	2823342	13502.57	66.4	1586.99	349061	246.2123 ng/ml
Carisoprodol	5.721	1030446	135568.01	53.4	6218.13	175280	244.1456 ng/ml
Chlordiazepoxide	5.835	440912	12001.68	133.6	4305.28	285603	252.8394 ng/ml
Chlorpheniramine	5.111	3968933	125727.04	0.3	83.05	664146	244.6991 ng/ml
Citalopram	5.225	2181964	75945.69	37.6	682.23	303172	252.8332 ng/ml
Clonazepam	5.601	1254678	37303.69	35.7	547.99	68943	250.3119 ng/ml
Clonazolam	5.552	499899	863904.91	38.1	139584.78	68943	264.1414 ng/ml
Cocaine	4.257	1876684	1852.01	53.5	699.63	592096	248.2137 ng/ml
Codeine	2.580	194081	327.76	102.4	15661.58	37534	233.0027 ng/ml
Cyclobenzaprine	5.625	1144295	601.83	8.7	372.23	182659	249.8699 ng/ml
Dextromethorphan	5.269	1038681	37419.44	78.7	17085.63	168821	250.9018 ng/ml
Dextrorphan	4.118	860396	136438.00	210.2	40708.32	366603	246.2165 ng/ml
Diazepam	5.938	952768	∞	90.1	1896.30	132706	256.9466 ng/ml
Dihydrocodeine	2.545	611534	9234.45	63.1	210.52	171930	237.3700 ng/ml
Diphenhydramine	5.297	6389695	166243.58	29.0	71989.81	983777	258.5700 ng/ml
DMT	2.845	226348	6366.98	106.8	17643.66	168821	230.4592 ng/ml
Doxylamine	4.531	6058847	74648.65	97.4	134147.72	956703	256.1353 ng/ml
Duloxetine	5.651	68665	8002.91	15.5	1100.18	13464	245.2546 ng/ml
EDDP	5.262	2261560	61083.30	41.3	13716.94	432166	252.6976 ng/ml
Etizolam	5.804	597802	5602.11	27.3	1097.37	68943	242.3450 ng/ml
Fentanyl	5.101	138695	515.98	72.0	112834.11	277249	26.4241 ng/ml
Flualprazolam	5.695	390624	2444.38	106.1	3689.45	111905	232.6590 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	343142	10617.58	40.3	14551.70	2171	23.4850 ng/ml
Fluoxetine	5.711	605190	496.85	8.3	50280.18	84153	248.5746 ng/ml
Hydrocodone	3.013	966606	545.56	35.3	430.35	223723	245.4144 ng/ml
Hydromorphone	1.615	961513	4559.92	74.2	12800.18	108127	251.3895 ng/ml
Hydroxyzine	5.701	1786992	20537.37	74.5	73558.07	168821	266.6086 ng/ml
Ketamine	4.043	1856881	80443.09	38.7	1509.91	253687	252.9437 ng/ml
Lamotrigine	4.274	128057	1061.98	86.9	5688.44	722852	256.9068 ng/ml
Lorazepam	5.737	678153	5913.42	55.4	770.43	223096	239.1564 ng/ml
MDA	3.184	2342710	8835.49	28.8	5527.52	278299	230.5320 ng/ml
MDMA	3.285	1677102	5078.74	91.2	2032.43	78371	258.5423 ng/ml
Meprobamate	4.895	754154	959.47	25.3	466.34	175673	220.5933 ng/ml
Methadone	5.656	3384286	3047.97	47.2	1693.73	463447	242.7158 ng/ml
Methamphetamine	3.212	3313070	3747.28	37.3	2941.52	560935	240.3217 ng/ml
Metoprolol	4.320	490201	3271.11	94.5	7658.81	707571	251.2753 ng/ml
Mirtazapine	4.620	3335538	233075.52	46.6	65648.38	381953	252.1092 ng/ml
Mitragynine	5.230	591434	663767.50	37.4	116968.86	463447	252.3600 ng/ml
Morphine	1.253	165801	701.78	28.7	321.63	15114	253.4925 ng/ml
Norbuprenorphine	4.990	7753	863.50	99.5	361.45	13856	24.9829 ng/ml
Nordiazepam	5.884	785251	3296.60	60.5	813.33	91259	250.1216 ng/ml
Norfentanyl	4.078	372719	1206.22	34.9	1339.63	472570	26.8845 ng/ml
Norhydrocodone	3.060	131972	182.36	41.9	158.85	49347	262.0849 ng/ml
Noroxycodone	2.904	824052	6306.67	52.5	2738.27	113508	250.3259 ng/ml
O-desmethyl-tramadol	3.366	4116226	117768.48	6.4	8131.71	935170	246.5449 ng/ml
o-desmethylvenlafaxine	4.063	6113269	37825.61	18.1	4832.35	169429	249.9877 ng/ml
Olanzapine	4.455	850782	5010.10	54.3	1032.66	71703	254.9347 ng/ml
Oxazepam	5.747	1036285	533.10	70.7	2240.32	223096	258.3464 ng/ml
Oxycodone	2.828	1671477	2529.79	29.7	1359.64	279914	243.0282 ng/ml
Oxymorphone	1.405	936035	∞	46.8	∞	115291	262.5938 ng/ml
Phentermine	3.767	810122	3821.71	5.9	241.36	430508	232.1957 ng/ml
Promethazine	5.541	2255172	1501.32	29.8	16356.70	361935	248.1653 ng/ml
Pseudoephedrine	2.576	4820243	4941.57	16.4	34776.11	722852	248.1480 ng/ml
Quetiapine	5.551	2435758	80969.88	58.2	64375.43	134624	242.1530 ng/ml
Sertraline	5.773	202513	428.75	96.0	1826.71	31182	259.9391 ng/ml
Temazepam	5.807	1899586	23910.79	29.0	4552.34	390191	250.5377 ng/ml
Tramadol	4.239	4001827	556.84	3.7	98.39	707571	262.5499 ng/ml
Trazodone	5.141	2523664	957535.05	65.3	1042.04	359228	253.2117 ng/ml
Venlafaxine	5.042	3849415	51402.43	37.0	19424.08	812503	252.4942 ng/ml
Zolpidem	4.905	4123012	150996.53	28.4	99740.97	807372	262.3454 ng/ml

AM #28 Multi-Drug Quant. Results

TS



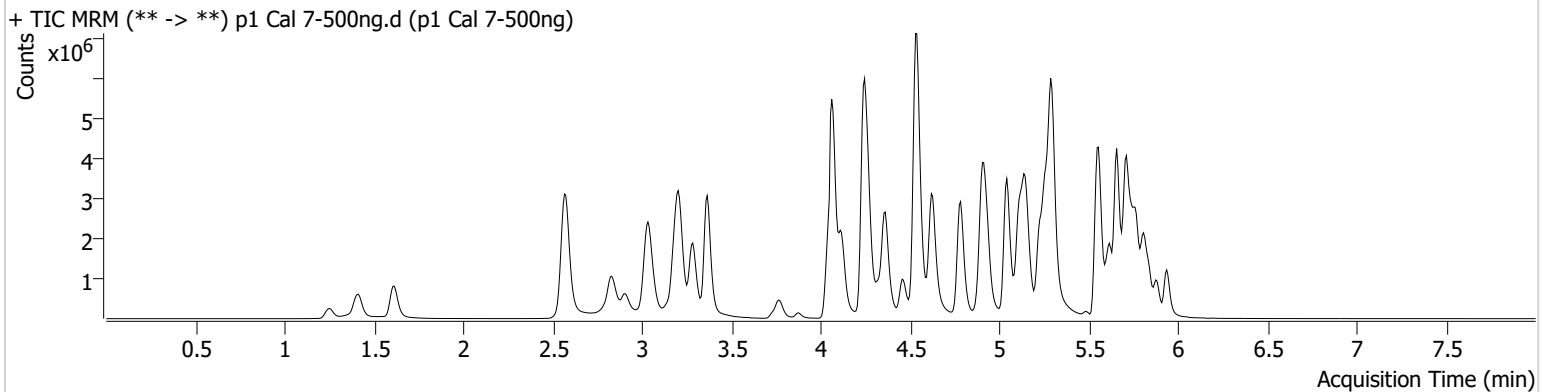
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Calibration Last Update 7/24/2023 12:13:21 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B12
Injection Volume 2
Acq. Date-Time 7/19/2023 2:02:01 PM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	89221	2628.52	69.6	28446.18	43337	51.3854 ng/ml
7-aminoclonazepam	4.258	563992	5550.23	78.0	149.24	53744	467.4311 ng/ml
a-hydroxyalprazolam	5.682	308066	216.84	72.8	347.16	247482	459.6928 ng/ml
alpha-PHP	4.935	1060005	3387.97	266.5	84129.86	307126	491.7127 ng/ml
alpha-PVP	4.363	4321359	1758.57	50.0	72462.48	307126	515.7685 ng/ml
Alprazolam	5.766	1802158	1459.95	109.7	923.89	80954	513.3271 ng/ml
Amphetamine	3.037	4789962	1194.34	46.8	1106.76	178936	340.6656 ng/ml
Benzoylcegonine	3.871	150146	17647.50	8.2	1369.66	9795	519.3997 ng/ml
Buprenorphine	5.803	82153	61768.38	15.4	5706.68	54270	51.6486 ng/ml
Bupropion	4.785	4824902	1363.01	64.0	13181.39	284575	516.1294 ng/ml
Carisoprodol	5.721	1294866	429.09	52.2	373.10	103993	516.7696 ng/ml
Chlordiazepoxide	5.841	622866	66651.58	137.2	2651.07	207666	491.6547 ng/ml
Chlorpheniramine	5.111	6848028	63490.61	0.3	1081.10	548149	511.3087 ng/ml
Citalopram	5.225	3288949	75060.42	38.7	26611.06	229085	504.0287 ng/ml
Clonazepam	5.608	1672262	1178.49	36.4	10879.59	49784	462.3508 ng/ml
Clonazolam	5.552	583227	420670.87	40.8	309184.18	49784	427.1425 ng/ml
Cocaine	4.264	2968363	27444.89	52.5	1180.33	457403	508.2737 ng/ml
Codeine	2.580	270904	3333.81	103.9	10233.68	28953	422.2205 ng/ml
Cyclobenzaprine	5.625	1973986	1052.21	8.8	208.72	149399	526.7736 ng/ml
Dextromethorphan	5.269	1574375	9062.41	77.7	22275.42	125867	509.8599 ng/ml
Dextrorphan	4.118	1387606	176219.38	213.9	45908.79	287671	505.7314 ng/ml
Diazepam	5.938	1308315	1215.98	94.4	2443.52	96707	484.1477 ng/ml
Dihydrocodeine	2.545	969784	229.71	61.5	2870.14	148857	435.6431 ng/ml
Diphenhydramine	5.297	9707258	112836.23	29.7	6609.03	771480	500.6572 ng/ml
DMT	2.838	353132	11383.17	116.4 High	719.60	125867	482.9667 ng/ml
Doxylamine	4.538	10554887	245916.63	96.3	197727.48	802579	531.6437 ng/ml
Duloxetine	5.651	110853	9720.52	14.6	126.97	10626	501.9273 ng/ml
EDDP	5.262	3635238	579.70	41.7	66254.18	342133	512.8350 ng/ml
Etizolam	5.804	899672	1742.72	26.4	212258.06	49784	504.8037 ng/ml
Fentanyl	5.101	235226	244.85	69.0	101916.54	242196	51.3391 ng/ml
Flualprazolam	5.695	530188	3922.44	104.1	20443.93	80954	437.0990 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	609984	9137.62	40.7	257959.39	1774	51.0055 ng/ml
Fluoxetine	5.711	913040	24123.13	8.3	94661.51	58444	539.7098 ng/ml
Hydrocodone	3.013	1533710	2603.74	34.7	345.28	184408	473.0777 ng/ml
Hydromorphone	1.615	1582503	2478586.45	73.6	2524526.19	86205	518.9735 ng/ml
Hydroxyzine	5.701	2906814	29994.91	74.0	112401.27	125867	580.9734 ng/ml
Ketamine	4.043	2876567	121619.69	37.4	1055.57	205455	484.9919 ng/ml
Lamotrigine	4.281	185283	1351.35	89.4	5863.92	542185	495.9378 ng/ml
Lorazepam	5.737	758942	16164.96	52.6	2149.55	129595	461.8815 ng/ml
MDA	3.184	3081204	6434.05	28.3	3995.72	209474	403.4582 ng/ml
MDMA	3.285	2633386	8006.36	95.0	13255.16	63400	501.8068 ng/ml
Meprobamate	4.895	955662	360.10	25.7	471.87	133975	366.8726 ng/ml
Methadone	5.656	5934813	1992.73	44.4	2870.61	363554	542.4223 ng/ml
Methamphetamine	3.212	5356698	1962.53	36.4	2002.02	487358	448.0229 ng/ml
Metoprolol	4.327	723698	404468.76	96.3	65390.42	587436	446.8606 ng/ml
Mirtazapine	4.620	5639294	262065.15	46.7	9780.08	307126	529.3108 ng/ml
Mitragynine	5.230	956388	9734.69	36.9	950609.29	363554	520.2546 ng/ml
Morphine	1.253	275501	782.00	29.0	2778.59	12913	493.3036 ng/ml
Norbuprenorphine	4.997	13634	14883.07	110.2	274.76	12240	49.8288 ng/ml
Nordiazepam	5.884	1101797	924.35	59.5	7073.54	62733	510.5285 ng/ml
Norfentanyl	4.085	555429	566.62	35.4	1851.99	334449	56.5184 ng/ml
Norhydrocodone	3.060	214146	180.58	39.4	115.23	40280	519.5902 ng/ml
Noroxycodone	2.904	1209063	2786.98	50.8	4973.03	84223	495.2017 ng/ml
O-desmethyl-tramadol	3.366	6987043	128839.46	6.0	1666.60	747096	523.4687 ng/ml
o-desmethylvenlafaxine	4.063	9513221	142985.13	18.1	9176.87	127095	518.0768 ng/ml
Olanzapine	4.455	1718494	32135.26	54.6	3124.59	70797	520.9819 ng/ml
Oxazepam	5.747	1200857	264.97	69.3	283.58	129595	515.6781 ng/ml
Oxycodone	2.822	2646502	2444.65	30.2	2876.68	242633	444.3549 ng/ml
Oxymorphone	1.411	1528250	∞	48.5	∞	97987	504.6540 ng/ml
Phentermine	3.774	1290214	2274.83	5.5	143.01	368821	432.3412 ng/ml
Promethazine	5.541	3950455	1744.99	29.3	1803.19	302458	519.9367 ng/ml
Pseudoephedrine	2.576	7466944	168902.54	16.1	5882.88	542185	512.1958 ng/ml
Quetiapine	5.551	3816642	46129.32	59.0	62987.98	113239	451.4702 ng/ml
Sertraline	5.773	298812	18337.84	99.4	2503.46	23431	510.6650 ng/ml
Temazepam	5.807	2270626	30788.68	28.3	471.97	247482	472.1659 ng/ml
Tramadol	4.239	6366397	287.89	3.6	90.17	587436	503.6278 ng/ml
Trazodone	5.141	4108468	59659.12	66.6	73258.32	314653	471.3344 ng/ml
Venlafaxine	5.042	6215881	1704.88	36.9	853.68	628516	526.5621 ng/ml
Zolpidem	4.905	6589606	3796.86	28.0	87092.50	677828	500.1716 ng/ml

AM #28 Multi-Drug Quant. Results

TS



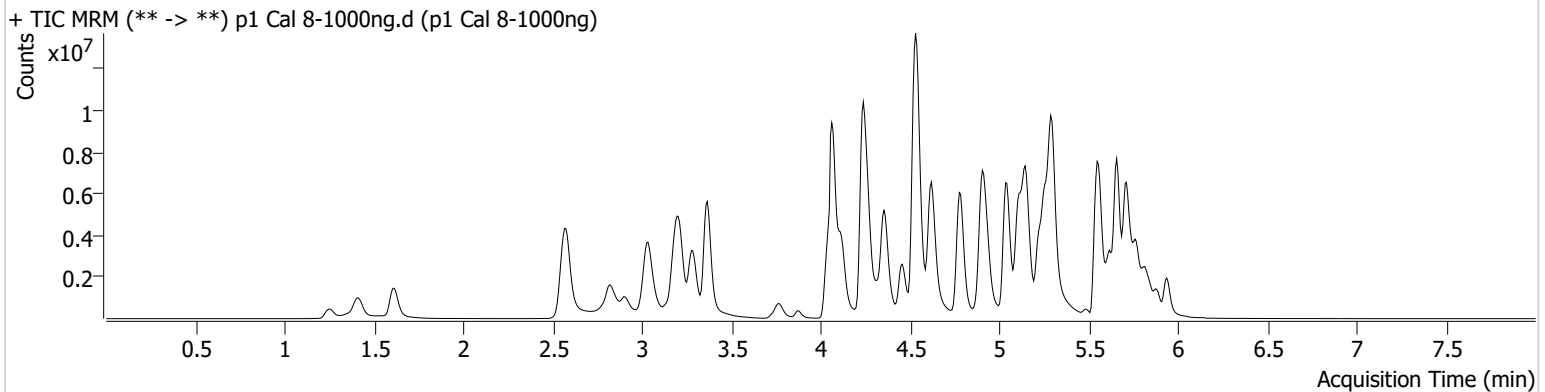
Batch results D:\MassHunter\Data\2023\AM 27 28\071923 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 7/24/2023 12:13:21 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A12
Injection Volume 2
Acq. Date-Time 7/19/2023 2:12:38 PM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	224164	602.66	68.6	229407.37	55206	101.3325 ng/ml
7-aminoclonazepam	4.251	618793	122.95	78.3	3184.16	39582	696.5272 ng/ml
a-hydroxyalprazolam	5.682	324147	97.55	70.8	274.11	119218	1004.8176 ng/ml
alpha-PHP	4.928	2072138	994.67	264.5	184329.85	317853	929.1156 ng/ml
alpha-PVP	4.357	9122273	24311.76	51.1	3509.29	317853	1051.8479 ng/ml
Alprazolam	5.766	2823736	1816.03	107.3	751.68	69046	942.8992 ng/ml
Amphetamine	3.037	7557380	37244.37	47.6	15993.95	216468	444.5258 ng/ml
Benzoylcegonine	3.871	403306	21012.56	8.3	604.52	13573	1007.4331 ng/ml
Buprenorphine	5.803	155764	70788.32	14.9	36498.72	54573	98.3366 ng/ml
Bupropion	4.778	10862404	143429.65	63.5	44159.44	353199	936.2291 ng/ml
Carisoprodol	5.721	1283958	66.96	56.5	229.15	47745	1115.7325 ng/ml
Chlordiazepoxide	5.842	827090	28006.42	161.9 High	4915.93	176245	769.5040 ng/ml
Chlorpheniramine	5.111	15247175	7757.38	0.3	12772.20	627682	993.9725 ng/ml
Citalopram	5.218	5676326	161192.06	36.7	1573606.09	201490	988.7170 ng/ml
Clonazepam	5.601	2171053	1082.68	36.2	216815.39	39396	758.7797 ng/ml
Clonazolam	5.558	740809	39579.15	39.9	386577.47	39396	685.9693 ng/ml
Cocaine	4.257	5522703	522.16	54.3	587.65	426693	1013.7747 ng/ml
Codeine	2.580	437387	78.63	101.5	354.81	27851	709.1603 ng/ml
Cyclobenzaprine	5.625	4210924	85017.79	8.6	378.29	156460	1072.7853 ng/ml
Dextromethorphan	5.269	2623908	123305.75	78.2	83953.18	105468	1013.8819 ng/ml
Dextrorphan	4.118	2868864	23742.33	215.5	277348.44	278603	1079.2937 ng/ml
Diazepam	5.938	2428216	2412.52	88.7	316.12	93486	929.5034 ng/ml
Dihydrocodeine	2.545	1804446	269.76	61.5	213.71	185902	649.5732 ng/ml
Diphenhydramine	5.297	18200353	315072.94	29.4	89631.43	683645	1058.9865 ng/ml
DMT	2.838	716556	1853.72	128.4 High	1479.17	105468	1170.4901 ng/ml
Doxylamine	4.538	22598107	404021.29	97.0	275160.46	950487	960.9411 ng/ml
Duloxetine	5.644	178183	7307.56	15.3	2764.83	8442	1015.7945 ng/ml
EDDP	5.262	7618292	199875.58	41.7	83349.55	354462	1037.1162 ng/ml
Etizolam	5.804	1576421	5532.84	25.9	684029.71	39396	1117.4309 ng/ml
Fentanyl	5.094	488808	2873.51	71.0	218723.79	309322	83.5577 ng/ml
Flualprazolam	5.695	623951	3997.26	111.3	30707.35	69046	603.3632 ng/ml

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Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	1536666	78385.52	42.0	22331.76	1929	118.1020 ng/ml
Fluoxetine	5.711	1606597	105356.70	8.6	287591.73	52657	1053.8246 ng/ml
Hydrocodone	3.006	3100218	∞	36.8	∞	211657	833.7058 ng/ml
Hydromorphone	1.615	3220361	101908691.27	73.7	11780497.64	93337	975.4189 ng/ml
Hydroxyzine	5.701	6021147	23425.78	72.9	1468141.43	105468	1435.2966 ng/ml
Ketamine	4.036	5317139	106805.26	36.3	9523.13	229130	804.6768 ng/ml
Lamotrigine	4.281	258319	5223.18	86.6	20873.16	439015	854.1968 ng/ml
Lorazepam	5.737	648892	309.85	52.4	542.31	59581	860.0138 ng/ml
MDA	3.178	4311284	2235.07	27.0	1966.83	193591	611.2771 ng/ml
MDMA	3.285	4957094	13156.39	93.4	3485.49	64045	935.0695 ng/ml
Meprobamate	4.888	1112940	2963.94	26.1	30471.90	129926	440.6677 ng/ml
Methadone	5.656	11933105	4040.87	45.5	48355.11	371026	1068.5548 ng/ml
Methamphetamine	3.205	10504817	202352.83	35.2	95487.41	620772	690.2756 ng/ml
Metoprolol	4.320	1300221	623674.32	91.9	8445.11	638034	739.2030 ng/ml
Mirtazapine	4.620	12538509	7188.16	46.7	2384.79	317853	1136.3610 ng/ml
Mitragynine	5.230	1596692	13461.03	38.6	319231.38	371026	851.1016 ng/ml
Morphine	1.253	555311	∞	28.3	∞	14372	893.5695 ng/ml
Norbuprenorphine	4.990	36872	1360.32	102.0	7768.30	16363	100.8957 ng/ml
Nordiazepam	5.884	1682818	574.09	61.1	29309.21	50975	959.5999 ng/ml
Norfentanyl	4.085	913006	22027.73	36.1	7999.37	187891	165.2130 ng/ml
Norhydrocodone	3.060	478675	78.71	39.0	149.63	40241	1160.7904 ng/ml
Noroxycodone	2.904	2006439	8831.58	51.5	908.78	68909	1004.6528 ng/ml
O-desmethyl-tramadol	3.366	14840743	113982.31	6.0	1134.71	793531	1046.4681 ng/ml
o-desmethylvenlafaxine	4.063	17682254	109902.35	18.0	29152.01	112505	1087.2911 ng/ml
Olanzapine	4.455	4623951	25794.97	55.2	7891.20	94236	1052.5968 ng/ml
Oxazepam	5.740	976403	215.35	72.0	155.46	59581	912.2433 ng/ml
Oxycodone	2.815	4767561	2845.78	30.9	6317.14	275651	704.9118 ng/ml
Oxymorphone	1.411	3090537	∞	47.4	∞	104425	957.8298 ng/ml
Phentermine	3.767	2370970	15666.41	5.5	882.78	443875	660.5784 ng/ml
Promethazine	5.541	9614895	215874.73	28.1	48643.78	360394	1061.7723 ng/ml
Pseudoephedrine	2.576	12533567	53892.03	16.0	48705.77	439015	1061.4834 ng/ml
Quetiapine	5.558	6337097	360155.41	59.6	62731.73	114142	743.9672 ng/ml
Sertraline	5.773	616527	286.05	94.4	1144343.71	24663	1001.2326 ng/ml
Temazepam	5.814	2359391	25646.44	29.5	828.61	119218	1018.4757 ng/ml
Tramadol	4.232	11498916	558.08	3.6	551.69	638034	837.8891 ng/ml
Trazodone	5.141	8589171	271505.63	69.7	103790.53	382567	811.0456 ng/ml
Venlafaxine	5.036	13402202	144867.91	35.1	3792.63	658574	1083.0212 ng/ml
Zolpidem	4.905	13124701	3039.71	28.0	4083.11	813815	830.2847 ng/ml