

Worklist: 5874

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-1564	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1644	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1661	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3388	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0960	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0964	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1016	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1033	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1113	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1113	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1156	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1158	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1167	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1168	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1179	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1180	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1215	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1218	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1225	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1226	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1227	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 5874

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-1228	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



Request for Departure from an Analytical Method or Quality Standard

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

Date of Request: 2/3/2022

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

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



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

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Extraction Date: 05/05/2022

Analyst: Tamara Salazar

Plate lot#: 220324

Plate Retest Date: 09/24/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52016-2

Blank Urine Lot: N/A

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine hydrolysis: Pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mM sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42**
- 3. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 14. Remove plate containing eluate.
- 15. If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional).
Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

Negative control well position incorrect on initial injection. Position was corrected and the negative control was injected correctly.

Curves limited:

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

Alpha-hydroxyalprazolam: 5-250 -- Cal 7 and 8 dropped due to accuracy

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

Clonazolam: 5-500 -- Cal 8 dropped due to accuracy

TS

Dihydrocodeine: 5-500 -- Cal 8 dropped due to accuracy
Lamotrigine: 5-250 -- Cal 7 and 8 dropped due to accuracy
Lorazepam: 5-100 -- Cal 6, 7, and 8 dropped due to accuracy
Meprobamate: 5-250 -- Cal 7 and 8 dropped due to accuracy
Methamphetamine: 5-500 -- Cal 8 dropped due to accuracy
Metoprolol: 5-500 -- Cal 8 dropped due to accuracy
Norfentanyl: 0.5-50 -- Cal 8 dropped due to accuracy
Norhydrocodone: 5-500 -- Cal 8 dropped due to accuracy
Phentermine: 5-500 -- Cal 8 dropped due to accuracy

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	P2022-1218-1	P2022-1113-4	M2022-1644-2	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	P2022-1215-1	P2022-1113-3	M2022-1564-2	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	P2022-1180-1	P2022-1033-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	P2022-1179-1	P2022-1016-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	P2022-1228-2	P2022-1168-1	P2022-0964-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	P2022-1227-1	P2022-1167-1	P2022-0960-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	P2022-1226-1	P2022-1158-4	P2021-3388-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2022-1225-1	P2022-1156-1	M2022-1661-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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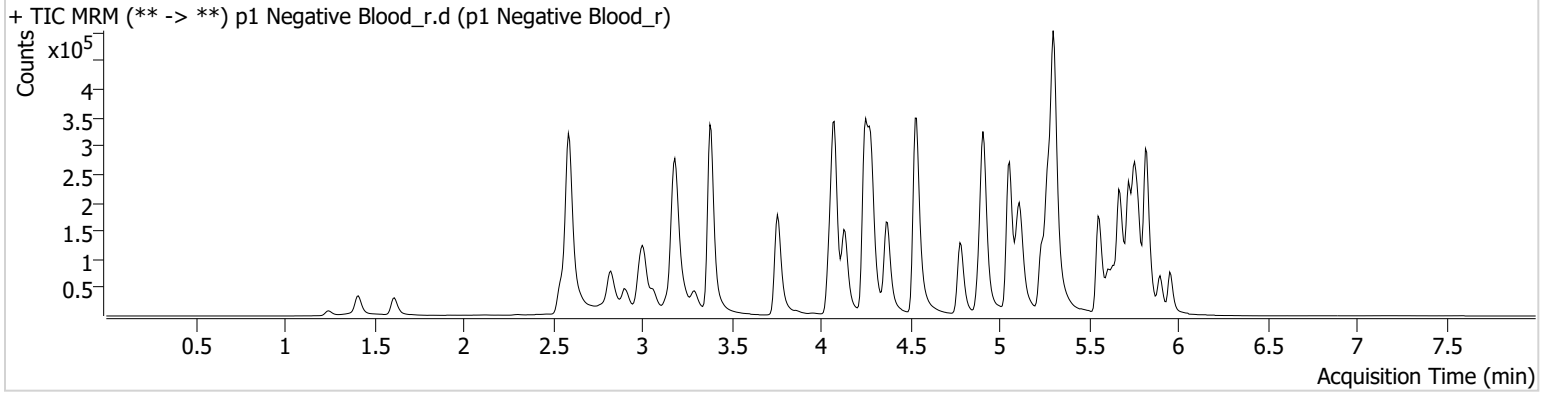
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood_r.d
Type	Sample	Sample	p1 Negative Blood_r
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	5/6/2022 11:02:36 AM		
Sample Info.			

Wrong well position specified in original injection. The well position was corrected and the negative control injected correctly.

Sample Chromatogram



TS

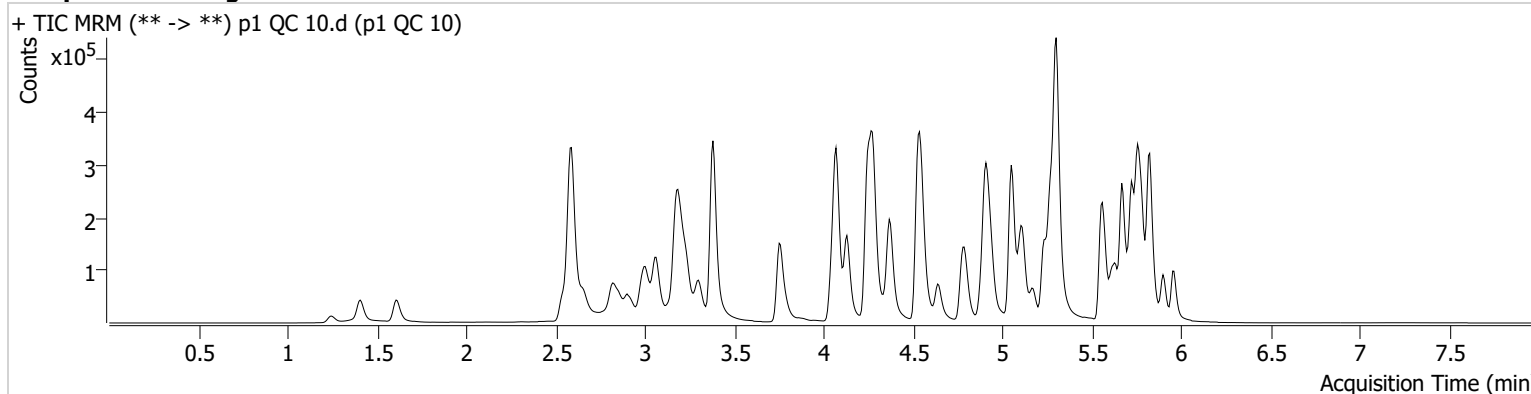


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 7:47:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	1538	145.10	75.4	7908.00	38627	1.0015 ng/ml
7-aminoclonazepam	4.270	14830	50.69	77.9	324.07	54538	9.9923 ng/ml
a-hydroxyalprazolam	5.706	18491	220.12	67.5	180.30	194571	10.4021 ng/ml
alpha-PHP	4.943	25245	1223.99	260.3	1797.63	364177	10.2170 ng/ml
alpha-PVP	4.375	95090	362.25	49.9	827.61	364177	9.9267 ng/ml
Alprazolam	5.782	50357	850.08	116.0	472.93	194571	9.6580 ng/ml
Amphetamine	3.065	168674	263.59	49.2	856.72	206424	10.1695 ng/ml
Benzoylecgonine	3.890	1811	37.62	9.2	7.15 Low	6003	9.8054 ng/ml
Buprenorphine	5.867	1665	324.32	18.1	935.97	55751	0.9110 ng/ml
Bupropion	4.800	86153	3751.00	66.0	1041.45	309379	9.8040 ng/ml
Carisoprodol	5.731	61040	1796.97	51.6	1094.80	265000	10.5688 ng/ml
Citalopram	5.232	63681	472.65	38.4	649.63	273939	10.2860 ng/ml
Clonazepam	5.619	57779	2001.58	35.8	44700.91	76002	10.6243 ng/ml
Clonazepam	5.556	39672	1177.12	36.7	26879.24	76002	10.7951 ng/ml
Cocaine	4.276	64117	140.91	54.5	4627.48	508199	10.3949 ng/ml
Codeine	2.594	8499	39050.69	103.9	1552.46	43190	10.6326 ng/ml
Cyclobenzaprine	5.642	28341	111.11	8.6	4843.60	119874	9.4056 ng/ml
Dextromethorphan	5.281	33966	∞	82.3	106.38	136643	10.2461 ng/ml
Dextrophan	4.130	27082	1113.83	202.1	7264.65	274925	10.0177 ng/ml
Diazepam	5.960	32200	479.14	87.1	411.29	139453	10.6933 ng/ml
Dihydrocodeine	2.573	21981	735.91	62.5	655.88	126670	10.0792 ng/ml
Diphenhydramine	5.302	172659	5239.24	31.6	183.41	955486	10.4181 ng/ml
Doxylamine	4.548	186840	2236.45	102.6	2089.70	836720	9.7256 ng/ml
EDDP	5.267	61656	2527.25	42.8	266.99	337351	9.5631 ng/ml
Etizolam	5.820	25443	17171.84	24.8	24237.55	76002	9.5317 ng/ml
Fentanyl	5.116	4043	53.34	67.2	177.71	207519	0.9874 ng/ml
Flualprazolam	5.712	22246	1107.40	96.4	810.49	194571	10.2046 ng/ml
Fluoxetine	5.728	23192	464.42	7.7	641.26	87171	10.2454 ng/ml
Hydrocodone	3.034	34496	162.97	32.3	29.86	191137	10.0253 ng/ml
Hydromorphone	1.615	28545	269.43	75.6	306.46	91014	9.3677 ng/ml
Ketamine	4.063	67342	329.51	39.0	251.54	278259	10.3698 ng/ml
Lamotrigine	4.292	5691	103.75	91.4	332.69	278259	9.8104 ng/ml
Levetiracetam	2.658	32815	934.85	156.9	752.32	838443	10.0113 ng/ml

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AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	54591	741.17	50.8	252.23	76002	10.7989 ng/ml
MDA	3.205	117140	1057.20	31.4	338.68	304741	10.9688 ng/ml
MDMA	3.306	59978	1388.06	97.2	499.09	68316	10.0061 ng/ml
Meprobamate	4.910	34770	1405.54	27.8	66.98	179664	10.1540 ng/ml
Methadone	5.673	90354	2840.86	54.3	254.38	387580	10.1614 ng/ml
Methamphetamine	3.233	141001	674.26	38.7	602.33	505433	10.4398 ng/ml
Metoprolol	4.338	19510	791.74	83.1	584.77	648935	10.4488 ng/ml
Mirtazapine	4.636	115060	1006.59	47.2	857.73	364177	9.0457 ng/ml
Mitragynine	5.243	16249	32200.22	39.7	3216.89	387580	8.8590 ng/ml
Morphine	1.253	5123	1045.85	33.9	75.34	12441	9.7093 ng/ml
Norbuprenorphine	5.012	257	81.54	104.5	804.80	11286	0.9512 ng/ml
Nordiazepam	5.907	32828	824.17	60.2	2021.65	109797	9.9553 ng/ml
Norfentanyl	4.097	15864	572.23	31.9	477.59	656581	0.9962 ng/ml
Norhydrocodone	3.082	5866	122.11	41.9	74.49	55181	9.7212 ng/ml
Noroxycodone	2.925	35928	493.53	46.0	256.54	114391	10.2766 ng/ml
O-desmethyl-tramadol	3.386	140121	375.76	6.2	182.19	750063	9.9520 ng/ml
Oxazepam	5.763	70332	1121.77	69.1	231.01	364215	10.3019 ng/ml
Oxycodone	2.850	64980	435.57	29.6	873.49	226983	10.5981 ng/ml
Oxymorphone	1.411	29233	126.13	46.9	167.89	102840	9.6816 ng/ml
Phentermine	3.787	36517	93.81	6.4	38.91	433109	10.3141 ng/ml
Promethazine	5.560	59667	743.46	29.5	267.90	268799	9.6585 ng/ml
Pseudoephedrine	2.597	166460	3060.64	17.5	360.33	838443	9.7162 ng/ml
Quetiapine	5.569	82431	169.36	55.3	2065.39	118769	9.8927 ng/ml
Sertraline	5.796	6077	125.48	113.6	134.19	29855	9.7296 ng/ml
Temazepam	5.824	97637	1212.46	28.4	38.15	485954	9.3696 ng/ml
Tramadol	4.257	143122	923.74	3.4	100.91	648935	10.0981 ng/ml
Trazodone	5.169	62515	361.72	78.9	2198.59	272903	10.1363 ng/ml
Venlafaxine	5.050	116389	358.73	37.3	426.77	600323	10.1499 ng/ml
Zolpidem	4.927	143840	2176.02	31.2	1524.63	618255	10.7485 ng/ml

AM #28 Multi-Drug Quant. Results

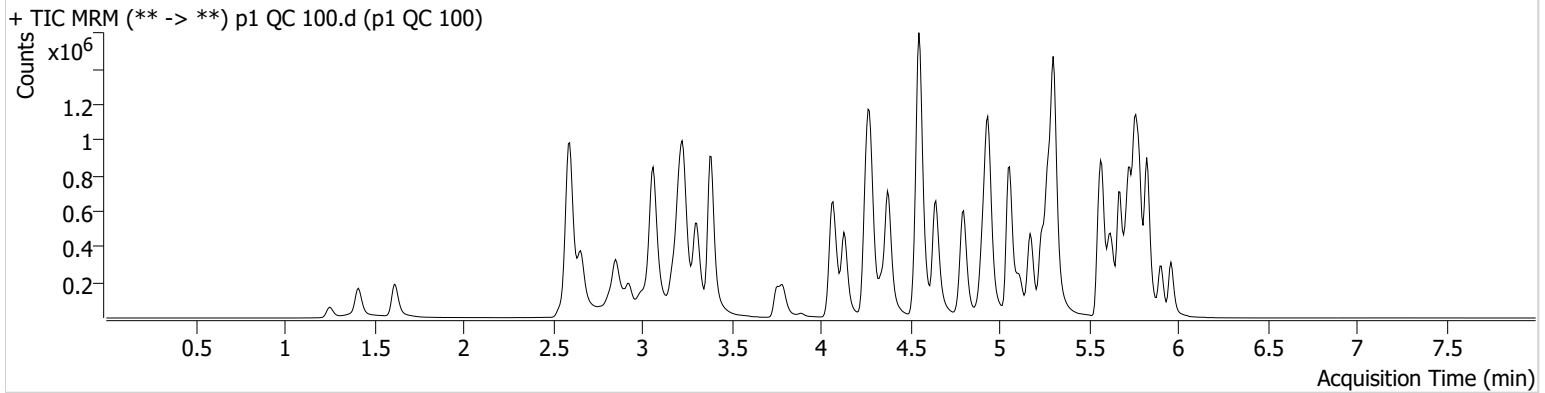
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Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	5/6/2022 5:31:28 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	16107	1431.62	73.7	6469.60	41723	9.9515 ng/ml
7-aminoclonazepam	4.270	150834	207.13	79.7	802.51	58374	100.1304 ng/ml
a-hydroxyalprazolam	5.706	164587	1689.66	68.6	472.55	186389	107.4845 ng/ml
alpha-PHP	4.943	240032	5044.20	257.8	26731.59	363682	101.5787 ng/ml
alpha-PVP	4.381	959973	7660.39	50.8	17042.09	363682	98.8331 ng/ml
Alprazolam	5.782	493262	2330.59	113.5	1828.59	186389	97.6076 ng/ml
Amphetamine	3.065	1684504	1230.93	47.1	2261.74	218007	104.7696 ng/ml
Benzoylecgonine	3.890	18991	632.65	8.9	248.69	6402	96.7257 ng/ml
Buprenorphine	5.867	15984	605.54	16.7	6068.23	48350	9.8128 ng/ml
Bupropion	4.800	874713	27758.33	65.5	15890.37	313879	99.0084 ng/ml
Carisoprodol	5.731	560452	515114.34	52.4	534.54	247850	91.7067 ng/ml
Citalopram	5.232	563929	25853.40	38.8	6598.43	247638	99.6670 ng/ml
Clonazepam	5.619	532652	2680.18	35.3	861.82	73914	106.8165 ng/ml
Clonazepam	5.556	372264	16287.67	36.1	186623.37	73914	114.0525 ng/ml
Cocaine	4.276	632172	556682.15	55.3	13862.48	526572	99.0232 ng/ml
Codeine	2.594	85345	327.40	107.7	11996.73	45350	110.2256 ng/ml
Cyclobenzaprine	5.642	222182	21310.50	8.4	102.01	93776	88.4000 ng/ml
Dextromethorphan	5.281	298174	10574.75	81.8	63555.46	122683	101.5997 ng/ml
Dextrophan	4.130	272219	24749.32	205.5	648.17	282400	97.7768 ng/ml
Diazepam	5.960	272176	392.37	88.1	7966.70	119456	107.3009 ng/ml
Dihydrocodeine	2.573	234822	231.60	62.2	4021.45	134708	108.7966 ng/ml
Diphenhydramine	5.309	1645305	57267.42	32.1	623.31	887384	103.8139 ng/ml
Doxylamine	4.548	1980456	119209.93	100.1	134360.07	854011	102.4485 ng/ml
EDDP	5.274	663886	40238.79	41.7	11525.47	357231	94.1406 ng/ml
Etizolam	5.820	235551	38651.38	25.3	901.87	73914	88.5603 ng/ml
Fentanyl	5.116	37253	494.71	70.7	82623.35	197686	9.6984 ng/ml
Flualprazolam	5.712	221739	7606.01	96.9	5573.81	186389	112.2734 ng/ml
Fluoxetine	5.728	150231	348.96	8.0	39276.21	57956	95.0969 ng/ml
Hydrocodone	3.034	347422	884.96	35.2	95.92	208871	98.8312 ng/ml
Hydromorphone	1.621	303559	1039336.92	71.5	2900.35	91421	99.0052 ng/ml
Ketamine	4.063	699471	39762.65	38.6	612.58	299309	104.9300 ng/ml
Lamotrigine	4.292	54720	1111.69	90.5	1637.47	299309	94.0912 ng/ml
Levetiracetam	2.658	311059	432.52	155.5	9493.27	872999	97.2930 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	424039	5275.14	52.0	869.38	73914	96.1307 ng/ml
MDA	3.212	1096449	3205.68	30.3	1678.31	304939	113.9721 ng/ml
MDMA	3.306	634922	264133.94	99.1	4917.69	72103	99.8575 ng/ml
Meprobamate	4.910	348925	2110.98	27.4	526.84	189844	104.1559 ng/ml
Methadone	5.673	753617	18683.01	51.8	30380.75	317317	91.7713 ng/ml
Methamphetamine	3.233	1388721	17876.72	38.8	771.49	565073	105.2394 ng/ml
Metoprolol	4.338	201257	417365.08	85.5	4952.01	708578	102.9887 ng/ml
Mirtazapine	4.643	1160637	1313.62	46.8	881.29	363682	88.6559 ng/ml
Mitragynine	5.250	152465	302089.93	38.9	76902.09	317317	100.9992 ng/ml
Morphine	1.253	51216	533.11	31.6	81.04	12281	101.1246 ng/ml
Norbuprenorphine	5.005	2057	4793.15	117.5	5406.31	11039	8.7045 ng/ml
Nordiazepam	5.907	294453	940.77	58.8	4495.25	97988	102.0277 ng/ml
Norfentanyl	4.097	158746	432.81	33.5	1336.60	659304	9.6054 ng/ml
Norhydrocodone	3.082	54551	155.80	38.7	118.64	46385	95.4554 ng/ml
Noroxycodone	2.925	334389	2849.32	48.6	308.43	110308	101.1034 ng/ml
O-desmethyl-tramadol	3.386	1486319	40208.69	6.5	975.92	796889	97.4259 ng/ml
Oxazepam	5.763	577670	8179.90	72.9	∞	302381	107.1872 ng/ml
Oxycodone	2.850	672620	903.42	28.7	1251.75	236917	111.3111 ng/ml
Oxymorphone	1.411	297749	766.80	46.4	741.21	105104	98.4393 ng/ml
Phentermine	3.787	370700	484.36	6.1	770.12	463346	104.7555 ng/ml
Promethazine	5.560	474119	3899.93	29.3	2347.51	212782	95.3553 ng/ml
Pseudoephedrine	2.597	1752820	18045.93	17.4	515.10	872999	96.8667 ng/ml
Quetiapine	5.569	733634	50251.64	58.7	36063.22	112333	96.5768 ng/ml
Sertraline	5.796	37859	1209.86	101.9	144047.25	17753	96.3076 ng/ml
Temazepam	5.824	858274	5248.17	27.8	4441.66	422686	99.5255 ng/ml
Tramadol	4.257	1504615	110574.61	3.7	392.51	708578	100.8094 ng/ml
Trazodone	5.169	606760	553.40	77.8	538.12	257583	108.0560 ng/ml
Venlafaxine	5.056	1168619	1009.16	38.0	1574.64	611238	98.1769 ng/ml
Zolpidem	4.934	1463570	16471.79	30.4	1640.26	660207	108.2833 ng/ml

TS



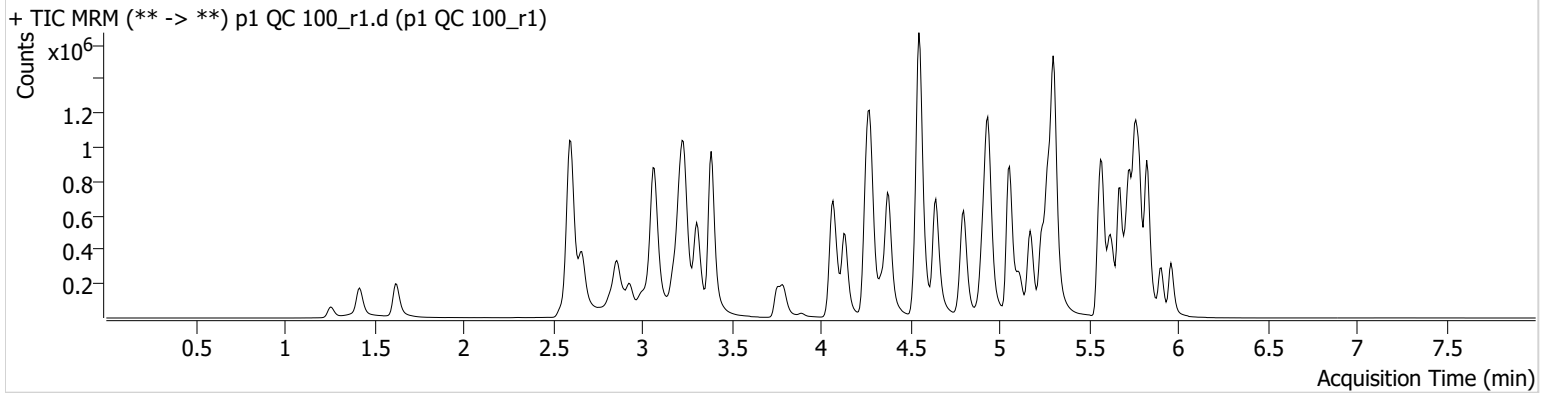
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument Falco (069901) **Data File** p1 QC 100_r1.d
Type QC **Sample** p1 QC 100_r1
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-G11 **Comment**
Injection Volume 2
Acq. Date-Time 5/6/2022 10:41:12 AM
Sample Info.

QC used to bracket the re-injection of the negative control.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	16345	2845.61	75.3	643.93	44292	9.5116 ng/ml
7-aminoclonazepam	4.270	161869	31767.67	77.8	11087.45	60812	103.1659 ng/ml
a-hydroxyalprazolam	5.706	166504	573.58	67.7	∞	193440	104.7395 ng/ml
alpha-PHP	4.949	246390	2951.99	259.1	10362.15	378122	100.2808 ng/ml
alpha-PVP	4.381	991846	20661.00	51.4	14284.03	378122	98.2158 ng/ml
Alprazolam	5.782	506617	556.49	113.2	1180.63	193440	96.5973 ng/ml
Amphetamine	3.071	1752405	39549.00	46.5	1080.14	224232	105.9784 ng/ml
Benzoylcegonine	3.890	20162	2800.40	8.9	574.33	6440	102.0882 ng/ml
Buprenorphine	5.867	16737	278.37	17.1	4273.35	53411	9.3027 ng/ml
Bupropion	4.800	903297	42035.62	65.8	308.60	328761	97.6140 ng/ml
Carisoprodol	5.731	561874	670995.37	53.9	3744.89	246807	92.3188 ng/ml
Citalopram	5.239	586584	734.43	38.6	860.39	260653	98.4958 ng/ml
Clonazepam	5.619	541349	1179.09	35.2	162660.48	77274	103.8207 ng/ml
Clonazepam	5.556	380223	35162.80	36.3	184721.94	77274	111.4002 ng/ml
Cocaine	4.276	653236	109603.15	55.9	746.42	543481	99.1391 ng/ml
Codeine	2.600	87485	232.67	109.1	64.35	46939	109.1550 ng/ml
Cyclobenzaprine	5.642	235062	17919.34	8.3	55.37	97503	89.9386 ng/ml
Dextromethorphan	5.281	320766	521.96	79.7	∞	126248	106.2193 ng/ml
Dextrophan	4.137	286514	28858.90	202.2	653.55	288362	100.7828 ng/ml
Diazepam	5.960	278443	3611.16	87.8	7397.42	121609	107.8297 ng/ml
Dihydrocodeine	2.579	240990	348.48	61.1	774.12	140316	107.1795 ng/ml
Diphenhydramine	5.309	1731256	109165.17	31.7	221.57	939408	103.1897 ng/ml
Doxylamine	4.548	2051069	27689.40	100.7	5131.99	893685	101.3895 ng/ml
EDDP	5.274	678466	821.63	42.1	10253.37	376952	91.1853 ng/ml
Etizolam	5.820	240888	10029.41	25.0	88854.39	77274	86.6346 ng/ml
Fentanyl	5.116	41453	2727.68	67.7	132921.87	211278	10.0984 ng/ml
Flualprazolam	5.712	223039	8553.31	98.1	810.98	193440	108.7953 ng/ml
Fluoxetine	5.728	166710	532.09	8.1	606.79	63184	96.7859 ng/ml
Hydrocodone	3.034	366264	242.48	34.1	150.03	212655	102.3656 ng/ml
Hydromorphone	1.628	313499	3843.83	71.5	541248.43	95531	97.8486 ng/ml
Ketamine	4.063	727537	769.97	38.6	1995.91	308238	105.9842 ng/ml
Lamotrigine	4.292	57191	1639.05	88.7	6414.78	308238	95.5028 ng/ml
Levetiracetam	2.664	323448	415.72	155.9	401.37	921982	95.7816 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	426107	1578.19	53.5	656.22	77274	92.3449 ng/ml
MDA	3.212	1127154	1805.43	31.0	1451.76	308419	115.8640 ng/ml
MDMA	3.306	653793	21037.20	99.3	6543.64	74153	99.9828 ng/ml
Meprobamate	4.910	356402	355.97	27.2	187.90	192203	105.0902 ng/ml
Methadone	5.673	799104	78434.66	52.0	12878.22	345300	89.4572 ng/ml
Methamphetamine	3.240	1442859	735.58	38.7	848.20	576680	107.1719 ng/ml
Metoprolol	4.338	206996	123758.26	85.2	2902.15	747635	100.3788 ng/ml
Mirtazapine	4.643	1219967	187139.83	46.5	1662.87	378122	89.6258 ng/ml
Mitragynine	5.250	160297	292355.15	39.0	63558.33	345300	97.5839 ng/ml
Morphine	1.261	53748	614.84	32.9	532.06	12550	103.8586 ng/ml
Norbuprenorphine	5.005	2510	2449.40	91.1	4925.31	11564	10.1611 ng/ml
Nordiazepam	5.907	293502	72773.36	59.3	671.75	97580	102.1235 ng/ml
Norfentanyl	4.097	164029	356.18	33.8	452.11	680963	9.6093 ng/ml
Norhydrocodone	3.089	56431	215.72	39.3	138.94	47508	96.3996 ng/ml
Noroxycodone	2.932	347770	1227.79	48.4	17286.18	116201	99.8135 ng/ml
O-desmethyl-tramadol	3.386	1563080	627.61	6.5	839.34	836861	97.5634 ng/ml
Oxazepam	5.763	585447	5912.37	72.4	804.25	308844	106.3524 ng/ml
Oxycodone	2.857	696053	677.36	29.5	8656.18	251666	108.4202 ng/ml
Oxymorphone	1.418	310172	∞	47.6	∞	110212	97.7928 ng/ml
Phentermine	3.794	385526	451.25	6.1	86.99	477533	105.7158 ng/ml
Promethazine	5.560	499148	35333.97	29.9	272.23	223378	95.6263 ng/ml
Pseudoephedrine	2.604	1830383	29920.85	17.5	18405.62	921982	95.7807 ng/ml
Quetiapine	5.569	765364	33287.77	59.9	326.24	115273	98.1907 ng/ml
Sertraline	5.796	40806	154.49	103.6	74570.79	17854	103.1701 ng/ml
Temazepam	5.824	879332	21896.34	27.2	2630.33	428096	100.6849 ng/ml
Tramadol	4.257	1560549	159982.49	3.6	244.57	747635	99.0878 ng/ml
Trazodone	5.169	650259	76000.97	79.3	1838.61	283507	105.2030 ng/ml
Venlafaxine	5.056	1215700	41065.32	38.3	1026.22	633112	98.6025 ng/ml
Zolpidem	4.934	1532410	127013.02	30.4	1336.85	680148	110.0637 ng/ml

AM #28 Multi-Drug Quant. Results

TS

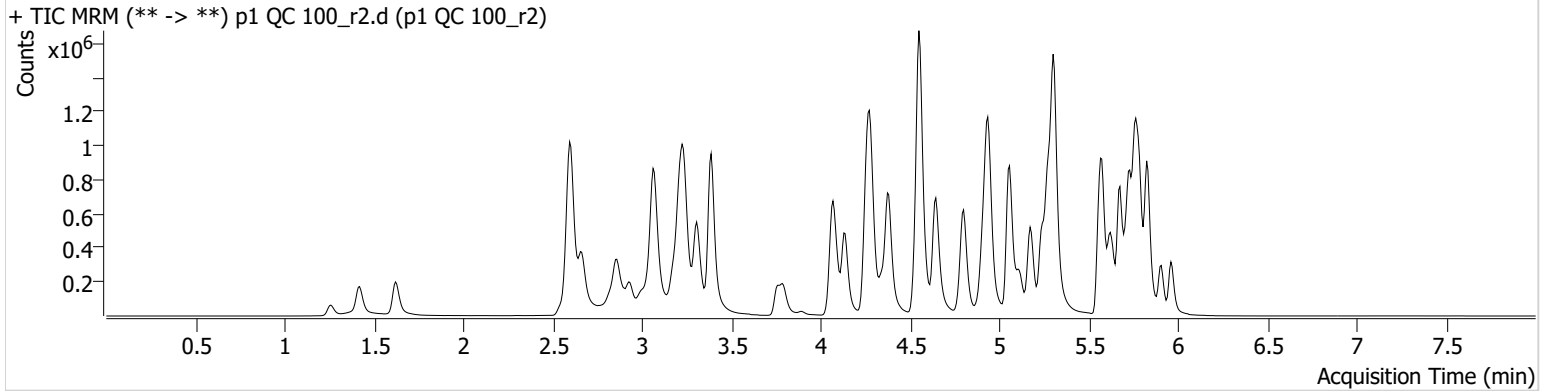


Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 QC 100_r2.d
Type	QC	Sample	p1 QC 100_r2
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	5/6/2022 11:23:51 AM		
Sample Info.			

QC used to bracket the re-injection of the negative control.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	16730	10063.80	72.2	489.67	44957	9.5921 ng/ml
7-aminoclonazepam	4.270	159428	4476.47	76.8	1156.09	58997	104.7455 ng/ml
a-hydroxyalprazolam	5.706	165691	374.81	67.5	497.38	187972	107.2914 ng/ml
alpha-PHP	4.949	244061	4063.70	259.0	678.90	375920	99.9130 ng/ml
alpha-PVP	4.381	977555	25258.59	50.9	12851.87	375920	97.3693 ng/ml
Alprazolam	5.782	501428	∞	113.8	589.61	187972	98.3869 ng/ml
Amphetamine	3.065	1714901	1041.06	46.4	701.45	216810	107.2730 ng/ml
Benzoylecgonine	3.890	20178	839.73	7.6	120.50	6808	96.6414 ng/ml
Buprenorphine	5.867	16397	415.02	16.8	6930.65	52976	9.1888 ng/ml
Bupropion	4.800	901518	35196.00	65.0	6903.00	326972	97.9551 ng/ml
Carisoprodol	5.731	558991	17205.01	52.7	923.44	243841	92.9527 ng/ml
Citalopram	5.239	587759	20029.93	39.3	650.95	261003	98.5607 ng/ml
Clonazepam	5.619	537546	809.47	35.6	∞	76029	104.7856 ng/ml
Clonazepam	5.556	374796	49340.40	36.4	279624.29	76029	111.6097 ng/ml
Cocaine	4.276	649343	73523.27	55.8	362.64	536441	99.8417 ng/ml
Codeine	2.600	84026	7053.73	107.7	459.35	45269	108.7015 ng/ml
Cyclobenzaprine	5.642	241227	146007.78	8.4	327.39	98073	91.7471 ng/ml
Dextromethorphan	5.281	314645	350.14	81.8	14176.65	129152	101.8423 ng/ml
Dextrophan	4.137	280715	68981.42	202.6	1110.72	285084	99.8786 ng/ml
Diazepam	5.960	278209	6827.19	87.8	385.99	119762	109.4031 ng/ml
Dihydrocodeine	2.579	241362	151.16	61.0	214.91	141104	106.7425 ng/ml
Diphenhydramine	5.309	1738496	102725.87	31.5	43967.20	943935	103.1245 ng/ml
Doxylamine	4.548	2039258	134703.69	100.9	59841.56	885295	101.7616 ng/ml
EDDP	5.274	674169	19447.72	42.0	302.17	366676	93.1396 ng/ml
Etizolam	5.827	231816	11956.96	25.6	16316.23	76029	84.7425 ng/ml
Fentanyl	5.116	41716	1734.25	69.6	42291.95	216945	9.8965 ng/ml
Flualprazolam	5.712	220022	511.62	100.6	6897.39	187972	110.4552 ng/ml
Fluoxetine	5.728	165815	1704.16	8.6	124.71	63655	95.5617 ng/ml
Hydrocodone	3.034	367667	347.27	34.2	484.94	210198	103.9705 ng/ml
Hydromorphone	1.621	307173	3031.42	72.4	1673063.82	94171	97.2591 ng/ml
Ketamine	4.063	715348	29784.68	38.2	1148.40	308145	104.2310 ng/ml
Lamotrigine	4.299	55890	5377.06	89.2	93997.06	308145	93.3403 ng/ml
Levetiracetam	2.664	315295	786.01	154.8	4093.78	883242	97.4760 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	425627	13717.44	52.0	578.19	76029	93.7722 ng/ml
MDA	3.212	1114122	1501.89	30.4	3409.56	306846	115.1028 ng/ml
MDMA	3.306	645236	5682.29	99.6	3057.37	72780	100.5355 ng/ml
Meprobamate	4.910	349265	3056.43	27.1	16095.50	191707	103.2363 ng/ml
Methadone	5.673	794461	32921.61	52.8	2459.57	340891	90.0784 ng/ml
Methamphetamine	3.240	1386625	1505.02	39.4	6948.44	577143	102.8449 ng/ml
Metoprolol	4.338	207720	416861.46	83.7	2052.74	726260	103.7112 ng/ml
Mirtazapine	4.643	1221896	115183.73	46.5	268323.92	375920	90.2912 ng/ml
Mitragynine	5.250	162935	1058.49	39.6	1159.81	340891	100.4706 ng/ml
Morphine	1.261	53262	727.66	31.3	626.79	12691	101.7700 ng/ml
Norbuprenorphine	5.005	2482	3307.29	103.1	1756.49	11517	10.0861 ng/ml
Nordiazepam	5.907	292402	1103.70	59.4	7507.05	98802	100.4798 ng/ml
Norfentanyl	4.097	164056	288.24	33.9	2650.74	674294	9.7056 ng/ml
Norhydrocodone	3.082	56202	∞	37.3	146.02	47192	96.6473 ng/ml
Noroxycodone	2.932	340739	10295.30	48.2	2750.00	113355	100.2520 ng/ml
O-desmethyl-tramadol	3.386	1537023	∞	6.5	609.33	826080	97.1898 ng/ml
Oxazepam	5.763	579115	515.14	73.4	2220.30	308956	105.1577 ng/ml
Oxycodone	2.850	683453	∞	29.6	12409.19	248075	107.9959 ng/ml
Oxymorphone	1.418	309807	∞	46.0	994.50	105472	102.0768 ng/ml
Phentermine	3.794	374621	3557.79	6.1	235.67	461977	106.1882 ng/ml
Promethazine	5.560	505629	17663.53	29.1	2618.37	227965	94.9204 ng/ml
Pseudoephedrine	2.604	1790826	18903.10	17.4	133.94	883242	97.8178 ng/ml
Quetiapine	5.575	773432	46025.35	58.7	22899.80	117523	97.3225 ng/ml
Sertraline	5.796	39302	1061.81	99.4	4605.35	18260	97.1924 ng/ml
Temazepam	5.824	873844	25557.28	27.6	492.69	427307	100.2389 ng/ml
Tramadol	4.257	1545562	8896.64	3.6	269.41	726260	101.0325 ng/ml
Trazodone	5.169	659630	65595.99	79.0	858518.45	287526	105.2275 ng/ml
Venlafaxine	5.056	1204332	158534.66	38.0	3938.88	623618	99.1663 ng/ml
Zolpidem	4.934	1518670	245348.16	30.2	4466.36	675383	109.8451 ng/ml

TS

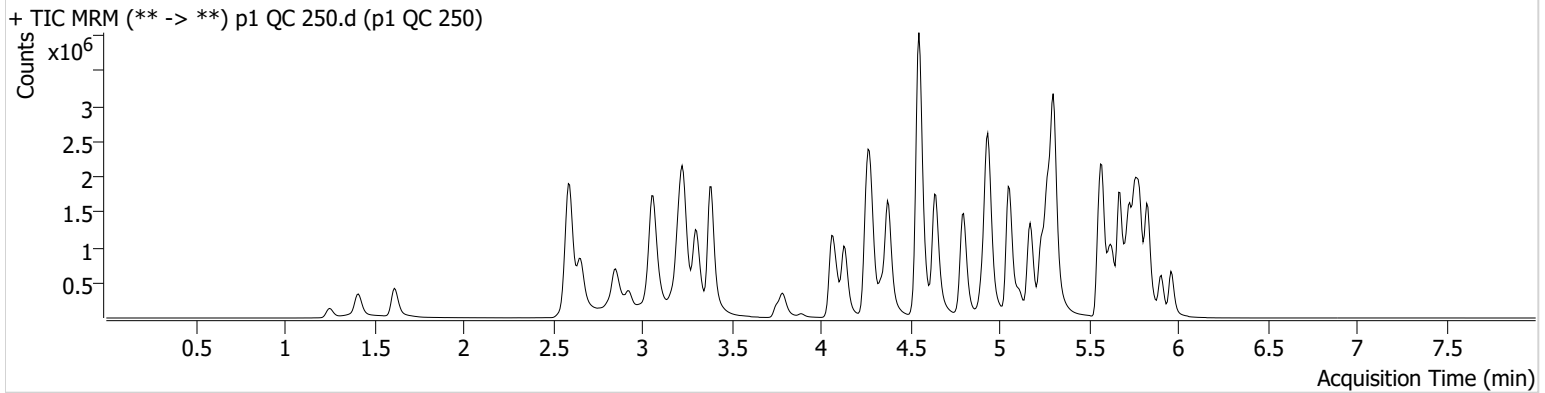


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 8:08:41 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	41695	25369.86	72.1	60225.92	43248	24.8930 ng/ml
7-aminoclonazepam	4.270	333731	5590.60	75.5	3884.02	51812	250.5162 ng/ml
a-hydroxyalprazolam	5.699	318860	3455.41	67.2	888.41	172242	226.7694 ng/ml
alpha-PHP	4.943	618879	8070.31	258.0	28697.45	384192	248.6472 ng/ml
alpha-PVP	4.381	2565791	1345.43	50.7	43940.46	384192	249.8012 ng/ml
Alprazolam	5.782	1183760	1224.14	113.3	2807.27	172242	253.2862 ng/ml
Amphetamine	3.065	3736409	421.89	46.6	698.18	216514	235.2475 ng/ml
Benzoylecgonine	3.890	50966	1630.28	8.0	868.61	6526	254.7312 ng/ml
Buprenorphine	5.867	47646	380.02	16.2	11778.07	58391	24.1812 ng/ml
Bupropion	4.800	2358493	184496.50	64.4	1997.65	339646	246.8526 ng/ml
Carisoprodol	5.731	1169475	36390.03	52.6	7722.19	193004	243.4454 ng/ml
Citalopram	5.232	1519580	35896.66	38.4	20048.05	260998	254.6245 ng/ml
Clonazepam	5.619	1165269	51866.17	35.3	22648.88	67583	256.5736 ng/ml
Clonazepam	5.556	793382	509594.13	36.2	88422.10	67583	267.3666 ng/ml
Cocaine	4.276	1552851	48141.41	55.8	20939.69	513342	249.5262 ng/ml
Codeine	2.594	182409	4048.20	109.4	9834.38	43100	249.1343 ng/ml
Cyclobenzaprine	5.642	756807	39578.97	8.3	186.07	119581	235.0487 ng/ml
Dextromethorphan	5.281	759770	53969.56	81.3	9295.05	126188	251.9318 ng/ml
Dextrophan	4.130	708274	1265.27	206.1	2211.59	286839	250.4190 ng/ml
Diazepam	5.960	664873	9348.93	88.2	∞	117420	266.9587 ng/ml
Dihydrocodeine	2.566	564743	10828.07	62.4	492.27	139235	254.2544 ng/ml
Diphenhydramine	5.302	4441873	118576.94	31.1	32683.37	923473	268.7859 ng/ml
Doxylamine	4.548	5396320	7058.71	98.8	198105.85	900464	264.9941 ng/ml
EDDP	5.267	1879094	1550.35	42.7	20283.96	404047	235.0775 ng/ml
Etizolam	5.827	577351	13754.11	24.5	250189.75	67583	236.9719 ng/ml
Fentanyl	5.116	115523	320.09	66.6	41544.46	236745	25.1404 ng/ml
Flualprazolam	5.712	483256	11853.40	100.6	8611.26	172242	265.6657 ng/ml
Fluoxetine	5.728	448278	24981.27	8.5	267.11	67810	241.6856 ng/ml
Hydrocodone	3.034	849616	∞	34.3	202.84	203948	248.7037 ng/ml
Hydromorphone	1.615	766957	2180637.03	72.8	1358636.36	92886	246.1710 ng/ml
Ketamine	4.063	1781863	48030.21	38.0	4238.15	310379	258.5767 ng/ml
Lamotrigine	4.292	126820	942.72	89.5	34856.84	310379	211.2847 ng/ml
Levetiracetam	2.658	729747	1483.32	157.3	1062.45	828045	241.7603 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.754	731947	15807.80	53.5	2435.43	67583	182.7343 ng/ml
MDA	3.205	2320326	5145.77	30.0	4510.64	275819	268.4768 ng/ml
MDMA	3.306	1582207	25138.97	100.0	4989.09	70915	252.9257 ng/ml
Meprobamate	4.910	697714	99677.74	26.9	7162.91	177954	223.2167 ng/ml
Methadone	5.673	2207861	25017.54	50.9	2288.07	360303	234.7636 ng/ml
Methamphetamine	3.233	3445481	41735.29	38.2	11337.96	597067	249.4029 ng/ml
Metoprolol	4.338	482520	85534.38	86.5	4242.37	675178	259.9000 ng/ml
Mirtazapine	4.643	3155411	123573.98	46.5	5373.43	384192	227.6910 ng/ml
Mitragynine	5.243	437827	69873.95	37.8	340160.38	360303	255.3541 ng/ml
Morphine	1.253	132888	992.68	30.2	319.39	12546	257.3128 ng/ml
Norbuprenorphine	5.005	5932	6536.07	109.2	2227.76	11721	23.8632 ng/ml
Nordiazepam	5.907	678539	941.53	59.4	675.22	91666	251.6482 ng/ml
Norfentanyl	4.097	409587	491.37	34.0	66.33	633797	25.7200 ng/ml
Norhydrocodone	3.082	126920	432.51	38.4	109.87	38230	267.2711 ng/ml
Noroxycodone	2.925	722400	275.26	47.7	6789.18	98347	245.2993 ng/ml
O-desmethyl-tramadol	3.386	3865292	139379.49	6.5	9590.58	809205	249.1712 ng/ml
Oxazepam	5.763	1113898	26907.93	72.5	2022.17	236357	265.2899 ng/ml
Oxycodone	2.843	1663560	1135.40	29.1	12478.11	249413	262.4469 ng/ml
Oxymorphone	1.411	778562	∞	45.2	∞	105089	257.7900 ng/ml
Phentermine	3.787	888767	3986.71	5.9	428.42	479984	243.5152 ng/ml
Promethazine	5.560	1567568	26212.45	29.5	1094.21	269687	248.4629 ng/ml
Pseudoephedrine	2.597	4257791	79801.40	17.0	513.01	828045	247.8350 ng/ml
Quetiapine	5.569	1899204	78679.95	60.7	220937.88	120595	233.4707 ng/ml
Sertraline	5.796	119563	1871.98	101.2	1358.01	21685	248.0551 ng/ml
Temazepam	5.831	1832115	902.13	27.6	5979.13	366522	245.7833 ng/ml
Tramadol	4.257	3747972	133375.91	3.6	336.92	675178	264.2074 ng/ml
Trazodone	5.169	1769213	1380.99	79.3	145597.00	310966	261.5683 ng/ml
Venlafaxine	5.050	3150227	48628.43	36.6	16341.03	627028	257.6370 ng/ml
Zolpidem	4.927	3744223	20137.21	29.3	6324.69	675546	271.7612 ng/ml

*Outside curve range

TS

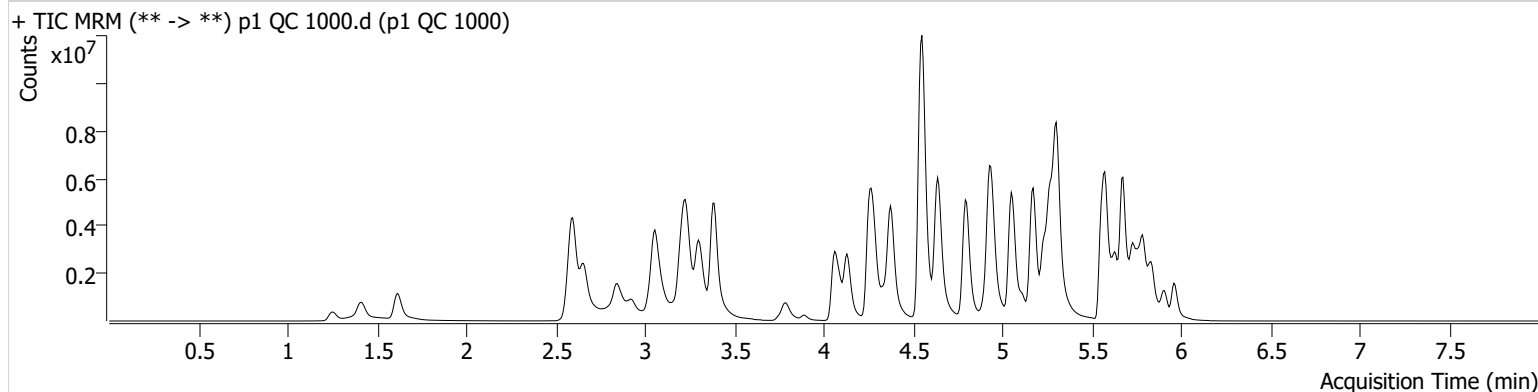


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 8:29:55 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	157458	13244.53	72.4	41200.54	40623	100.1658 ng/ml
* 7-aminoclonazepam	4.270	670039	4052.40	74.1	6968.29	32693	798.4155 ng/ml
* a-hydroxyalprazolam	5.699	479119	218.07	68.8	601.04	111221	529.4244 ng/ml
alpha-PHP	4.943	1750458	8465.87	263.9	235828.20	313010	864.4634 ng/ml
alpha-PVP	4.375	8740784	86944.88	50.8	378169.93	313010	1043.9818 ng/ml
Alprazolam	5.782	3083849	792.50	109.0	522.31	111221	1021.4869 ng/ml
* Amphetamine	3.058	9043472	93057.24	47.0	159.11	184838	668.8295 ng/ml
Benzoylcegonine	3.890	228940	596.07	8.3	536.29	7378	1012.2038 ng/ml
Buprenorphine	5.867	209060	15683.04	16.0	25697.18	56944	108.7008 ng/ml
Bupropion	4.794	9026083	469484.92	63.2	104103.58	335369	957.0525 ng/ml
Carisoprodol	5.737	2085198	74626.08	53.5	19060.12	81399	1024.8029 ng/ml
Citalopram	5.232	4770534	18685.08	37.9	495833.17	203587	1024.4014 ng/ml
Clonazepam	5.612	2440633	76658.25	34.6	502.27	41996	866.5148 ng/ml
* Clonazepam	5.556	1217847	221546.53	38.4	81101.26	41996	662.1455 ng/ml
Cocaine	4.276	4427780	44742.22	55.2	143351.23	362959	1006.3250 ng/ml
Codeine	2.594	460303	∞	103.1	29079.97	32563	834.4425 ng/ml
Cyclobenzaprine	5.642	3317987	1060.24	7.7	12139.50	117573	1045.8534 ng/ml
Dextromethorphan	5.281	2168657	∞	80.3	201236.85	90804	999.7942 ng/ml
Dextrophan	4.130	2312224	2422.09	209.5	5055.17	220822	1061.8254 ng/ml
Diazepam	5.960	1939306	26980.06	87.9	7970.19	88900	1029.0520 ng/ml
* Dihydrocodeine	2.566	1685600	39138.46	63.1	∞	134118	789.5819 ng/ml
Diphenhydramine	5.302	14196660	749308.26	31.6	68219.21	722116	1097.5836 ng/ml
Doxylamine	4.548	18596508	785149.49	98.5	818338.68	859004	957.6879 ng/ml
EDDP	5.267	7100583	42733.63	40.0	76716.24	346902	1033.4713 ng/ml
Etizolam	5.827	1533226	32602.99	25.3	1310.23	41996	1011.8962 ng/ml
Fentanyl	5.109	617011	42801.26	68.2	298.45	307961	103.2771 ng/ml
Flualprazolam	5.712	1051305	15764.93	107.8	42566.81	111221	896.5678 ng/ml
Fluoxetine	5.728	1495721	90148.03	8.1	15459.46	51396	1062.1037 ng/ml
Hydrocodone	3.027	2628845	312.88	36.3	213.32	174886	899.4508 ng/ml
Hydromorphone	1.615	2577469	6712119.11	73.2	8907475.78	76945	998.6245 ng/ml
Ketamine	4.063	5839075	224918.79	37.2	16532.49	278339	946.3534 ng/ml
* Lamotrigine	4.299	295340	605.77	91.2	7007.10	278339	549.9677 ng/ml
Levetiracetam	2.658	2130181	2598.22	160.3	123962.47	582858	1004.9719 ng/ml

p1 QC 1000

*Outside curve range

Generated at 3:42 PM on 5/10/2022

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.754	874420	25240.22	51.0	2740.35	41996	352.6159 ng/ml
MDA	3.199	4690158	70050.33	28.8	2347.51	170088	883.1283 ng/ml
MDMA	3.299	4966994	2788.79	100.1	71394.38	55438	1015.5036 ng/ml
* Meprobamate	4.903	1359873	42174.15	27.0	9871.21	137113	566.0379 ng/ml
Methadone	5.673	8854672	155387.50	49.4	∞	334924	1008.6290 ng/ml
* Methamphetamine	3.227	10881151	52881.93	37.0	5419.13	600311	787.0196 ng/ml
* Metoprolol	4.338	1276443	75116.36	87.4	14355.95	576822	805.8275 ng/ml
Mirtazapine	4.636	11773462	8617.55	44.9	219476.91	313010	1041.6912 ng/ml
Mitragynine	5.243	1440779	64388.13	38.8	94675.48	334924	903.8526 ng/ml
Morphine	1.253	426674	15055.03	30.7	4583.68	10900	951.7512 ng/ml
Norbuprenorphine	5.005	27494	7742.54	101.7	710.97	12915	100.7924 ng/ml
Nordiazepam	5.907	1665377	25813.17	58.9	311.42	59027	959.7677 ng/ml
* Norfentanyl	4.097	1446155	396.71	33.7	1050.49	439509	130.8080 ng/ml
* Norhydrocodone	3.075	433104	543.67	40.1	∞	27555	1260.9206 ng/ml
Noroxycodone	2.925	1659849	5251.23	48.5	∞	56405	983.3806 ng/ml
O-desmethyl-tramadol	3.386	12938330	∞	6.6	20190.51	662141	1018.6343 ng/ml
Oxazepam	5.756	1307267	6270.88	73.0	3607.09	78288	941.4713 ng/ml
Oxycodone	2.836	4707076	846.46	29.1	2059.56	216508	857.0297 ng/ml
Oxymorphone	1.411	2225201	∞	45.6	∞	84990	911.5777 ng/ml
* Phentermine	3.787	2455476	∞	5.9	2793.28	459242	704.6997 ng/ml
Promethazine	5.552	7009911	213087.47	28.2	1971.35	290912	1029.4650 ng/ml
Pseudoephedrine	2.597	12993135	139000.28	16.5	786.91	582858	1073.9326 ng/ml
Quetiapine	5.575	6453836	493261.36	59.7	102566.39	106183	902.2497 ng/ml
Sertraline	5.796	402799	41429.53	98.9	8393.50	17363	1041.8008 ng/ml
Temazepam	5.831	3238263	20317.72	27.5	5001.53	163034	978.2159 ng/ml
Tramadol	4.251	11326749	∞	3.5	771.71	576822	935.6654 ng/ml
Trazodone	5.169	7658621	177684.41	80.0	205818.19	380774	925.7461 ng/ml
Venlafaxine	5.050	10963243	1893.06	35.9	4152.36	514863	1091.2446 ng/ml
Zolpidem	4.927	11352614	490961.90	28.2	1946.24	618302	901.8665 ng/ml

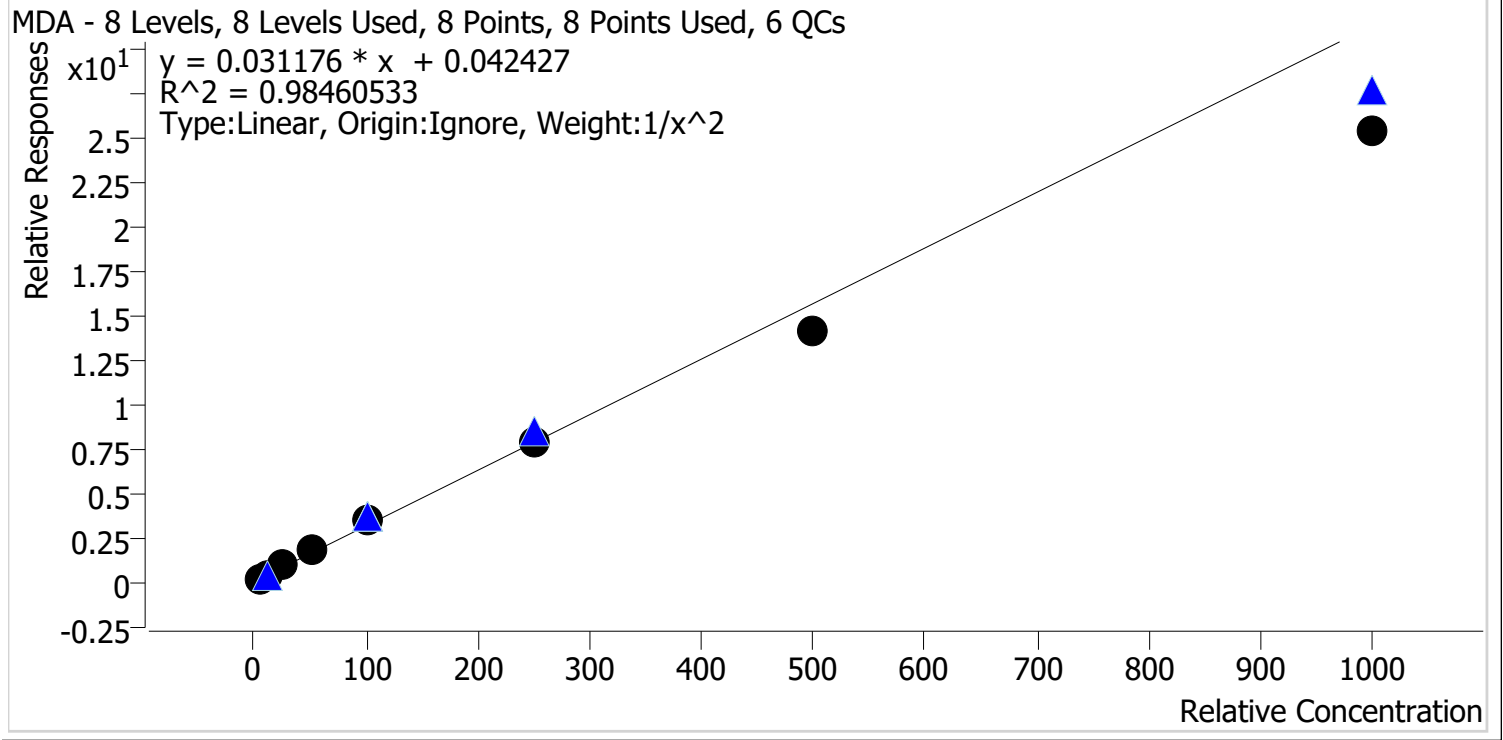
*Outside curve range

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



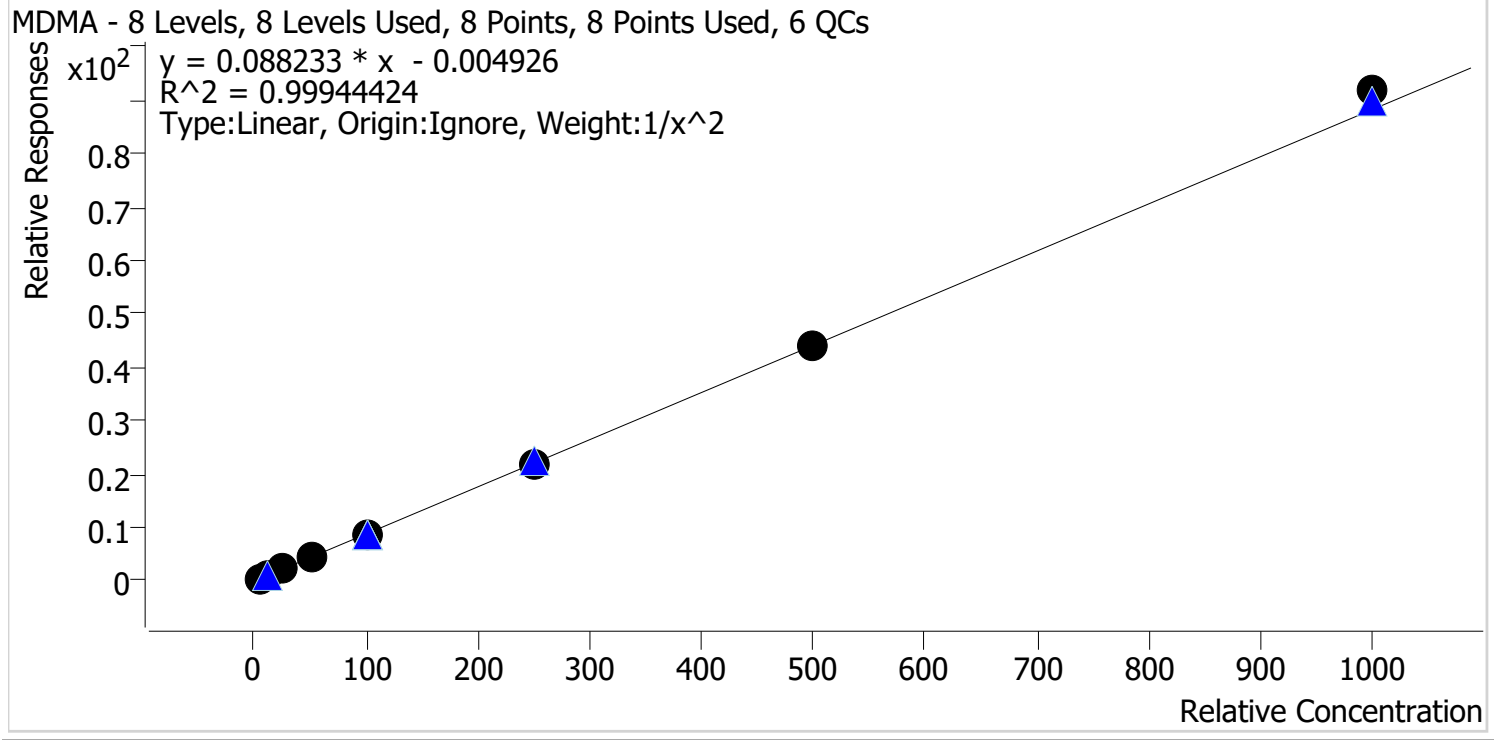
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	56.9	113.8
p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	451.9	90.4
p1 Cal 8-1000ng	8	✓	1000.0	811.1	81.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/10/2022 3:40 PM
 Analyst Name ISP\Datastor
 Analyte MDMA Internal Standard MDMA-D6



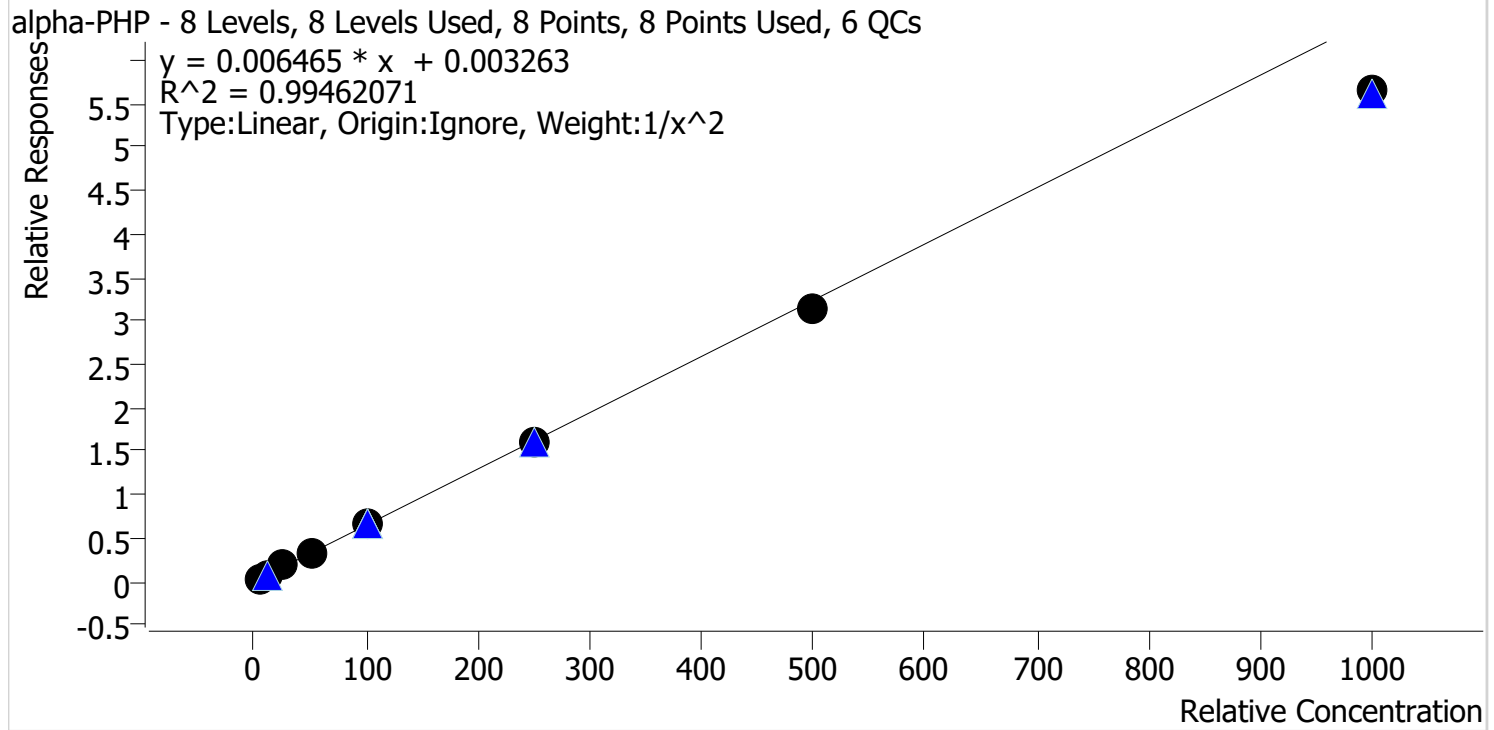
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	499.8	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1040.3	104.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



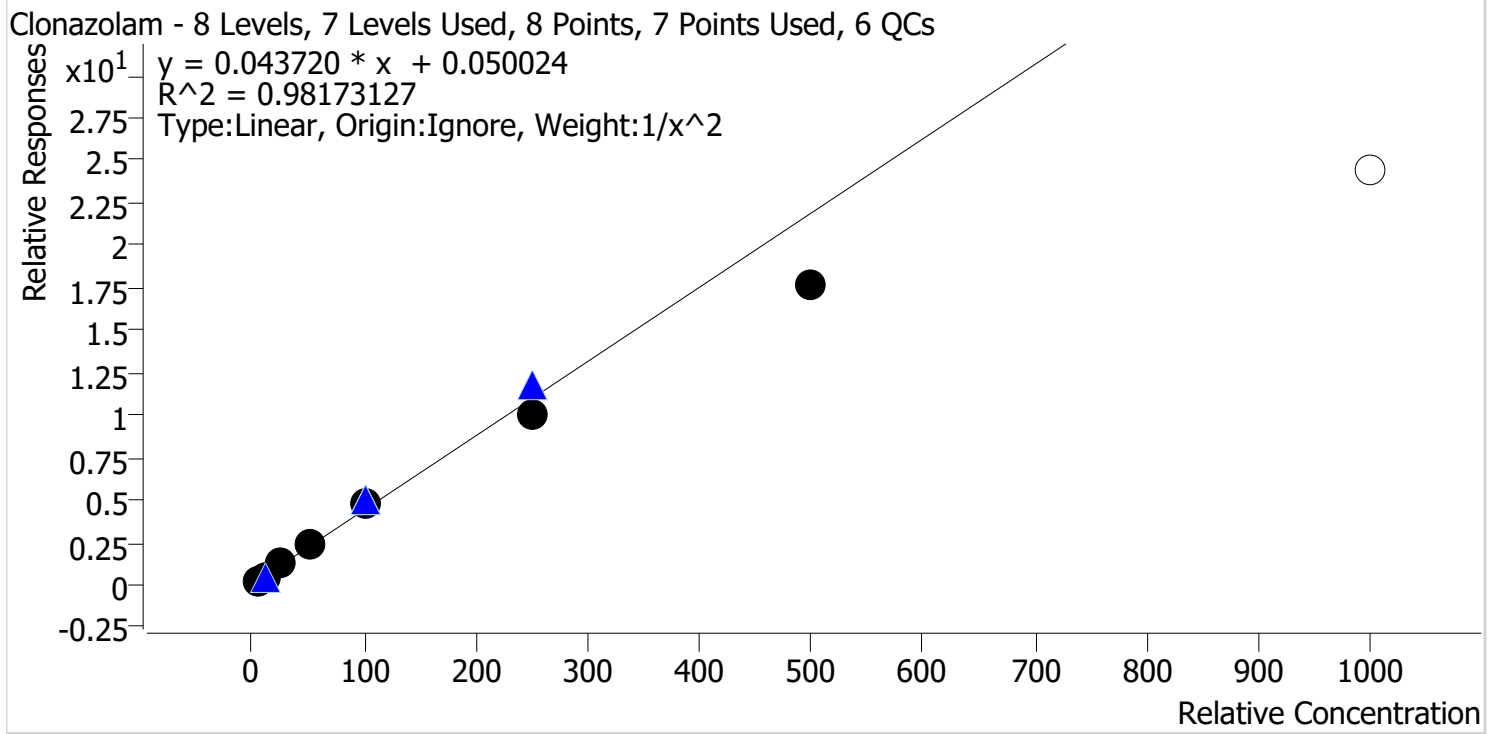
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	484.5	96.9
p1 Cal 8-1000ng	8	✓	1000.0	872.5	87.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.5
p1 Cal 4-50ng	4	✓	50.0	55.2	110.3
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	228.0	91.2
p1 Cal 7-500ng	7	✓	500.0	403.8	80.8
p1 Cal 8-1000ng	8	✗	1000.0	560.0	56.0

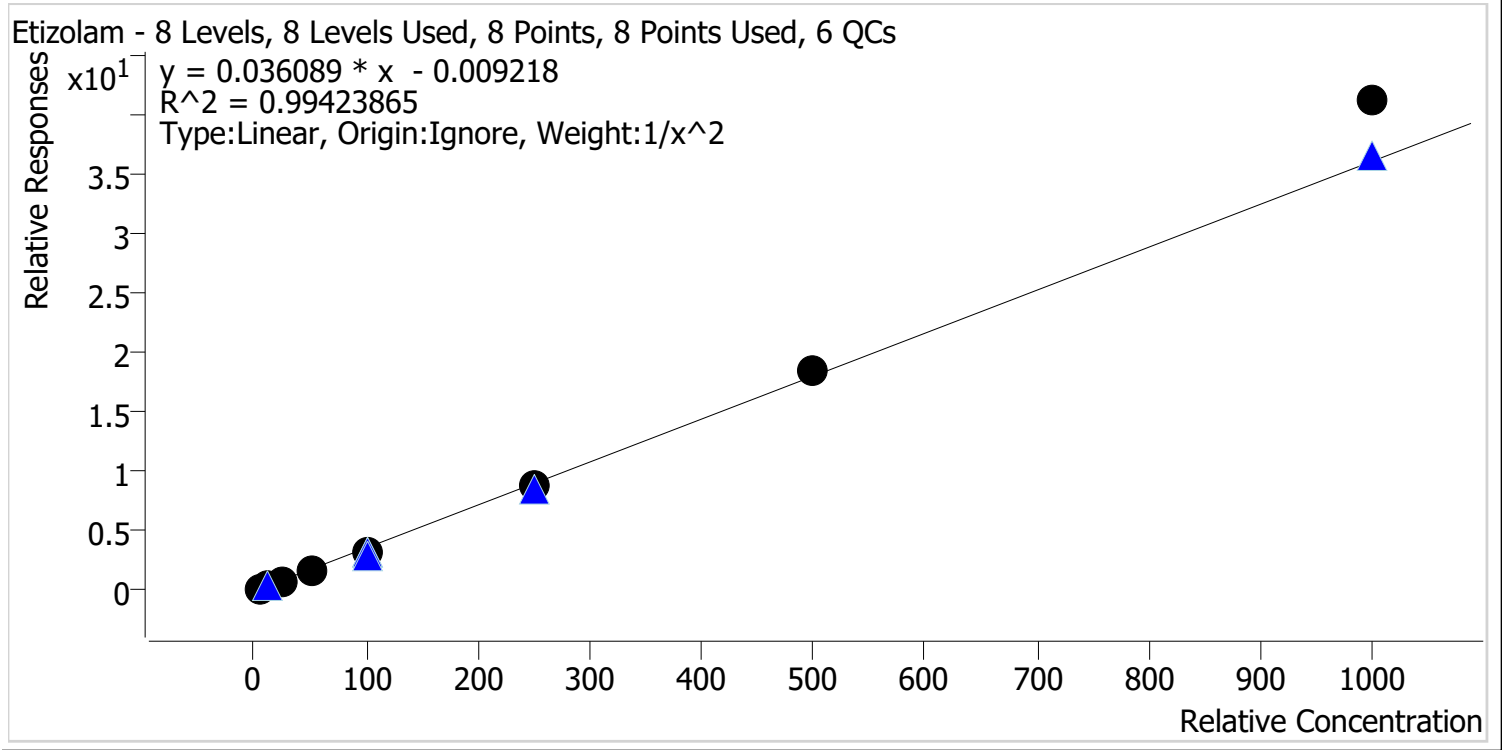
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



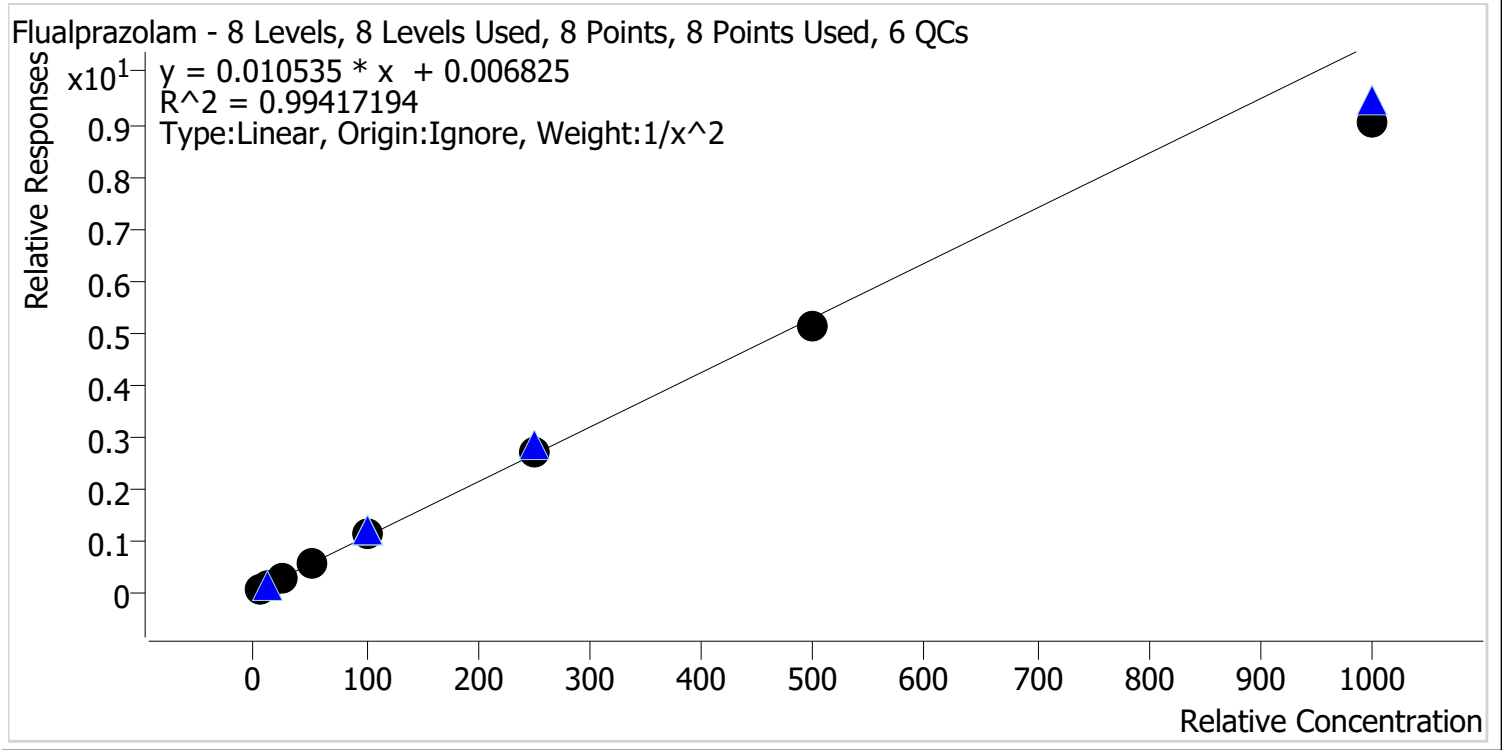
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng	5	✓	100.0	93.4	93.4
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1141.4	114.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	483.0	96.6
p1 Cal 8-1000ng	8	✓	1000.0	860.4	86.0

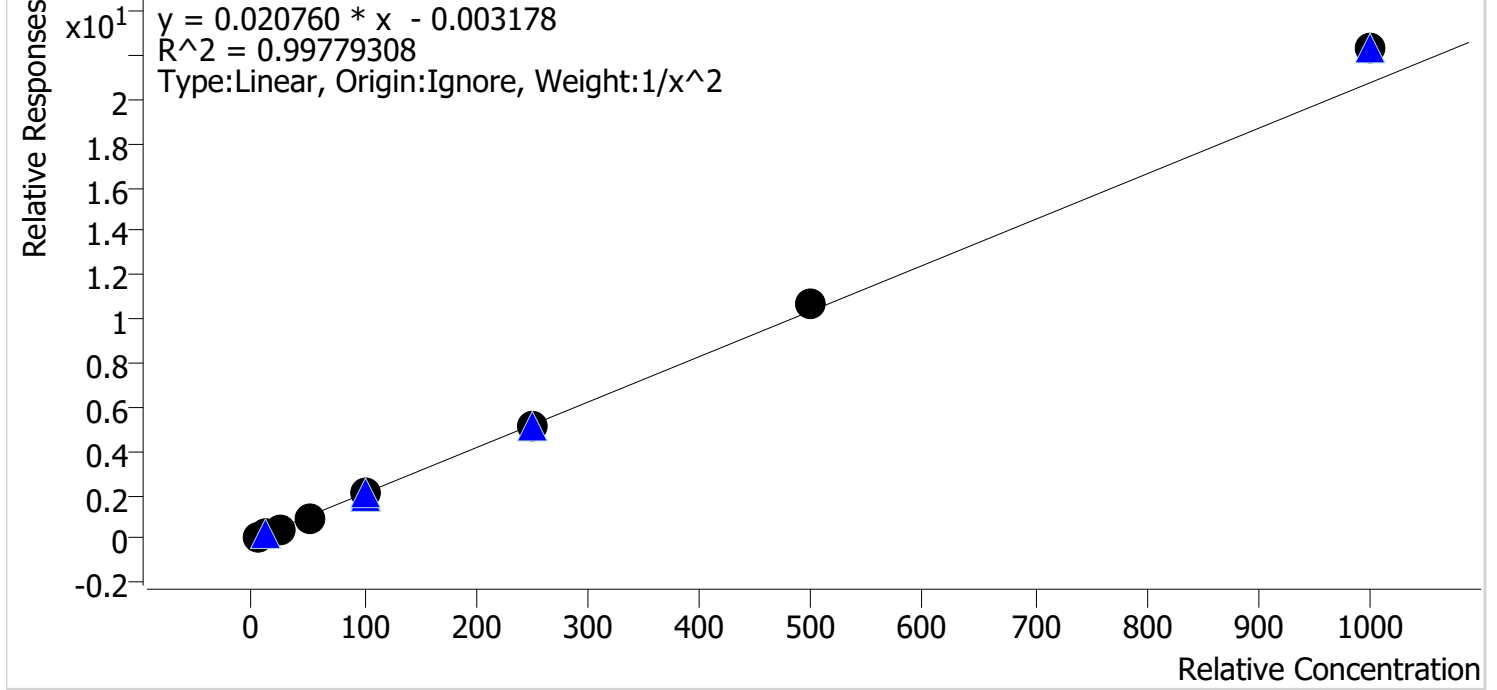
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



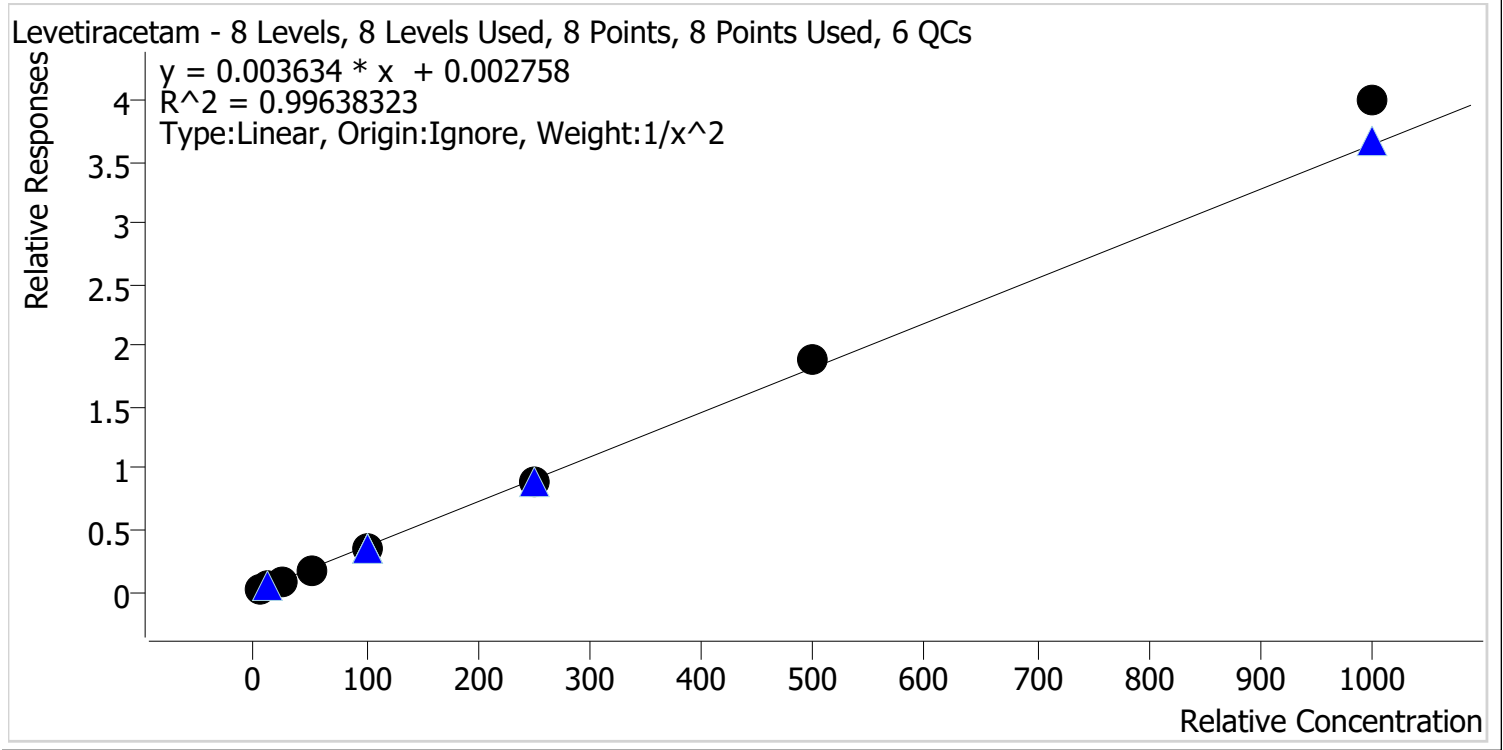
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	514.1	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1074.8	107.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	242.6	97.1
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1098.6	109.9

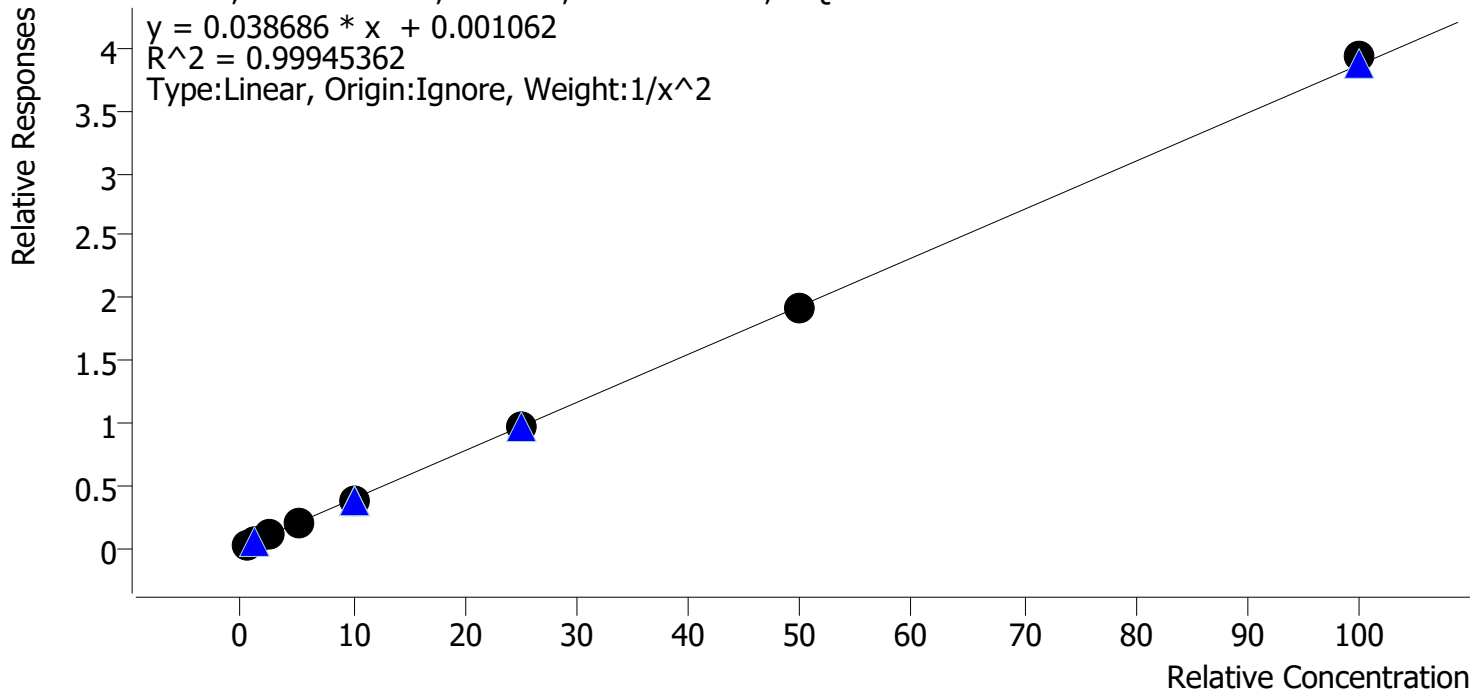
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.1
p1 Cal 2-10ng	2	✓	1.0	1.0	104.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.9
p1 Cal 5-100ng	5	✓	10.0	9.9	98.6
p1 Cal 6-250ng	6	✓	25.0	24.8	99.4
p1 Cal 7-500ng	7	✓	50.0	49.4	98.9
p1 Cal 8-1000ng	8	✓	100.0	101.7	101.7

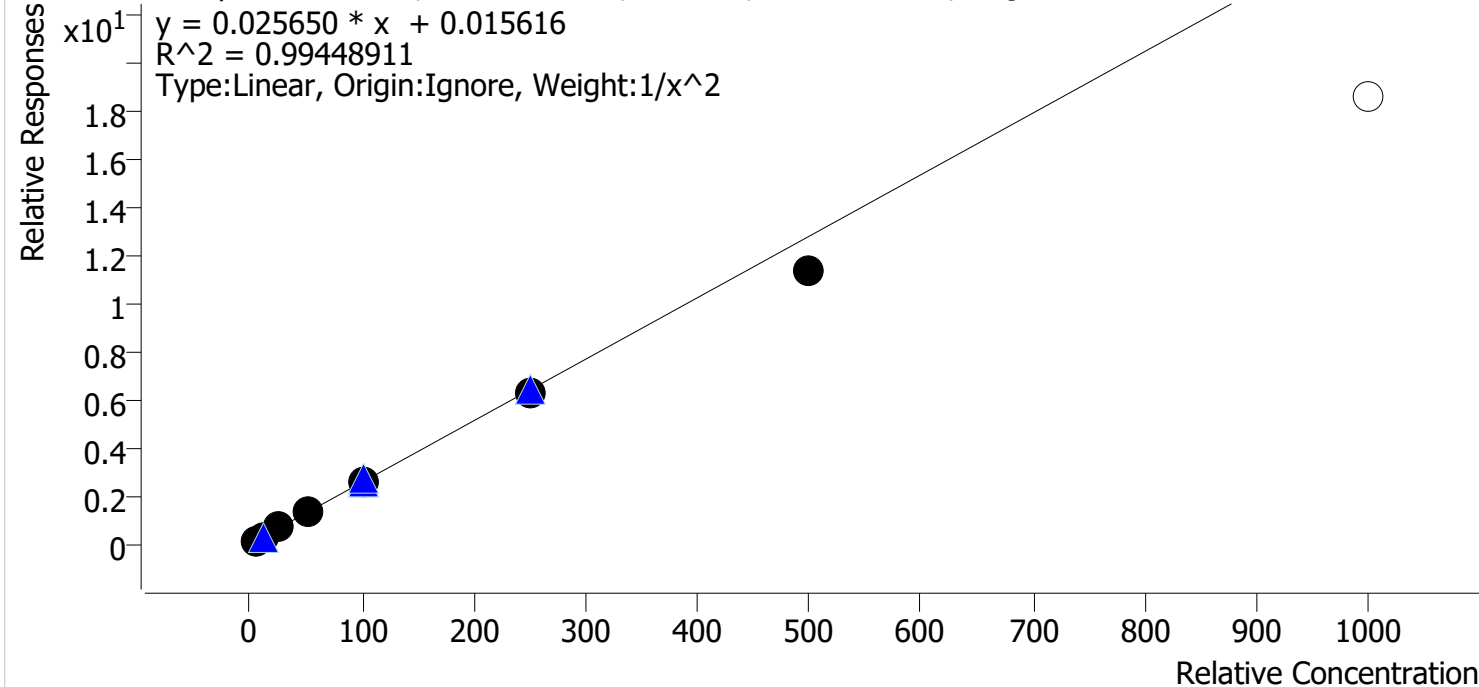
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 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	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	442.7	88.5
p1 Cal 8-1000ng	8	✗	1000.0	725.6	72.6

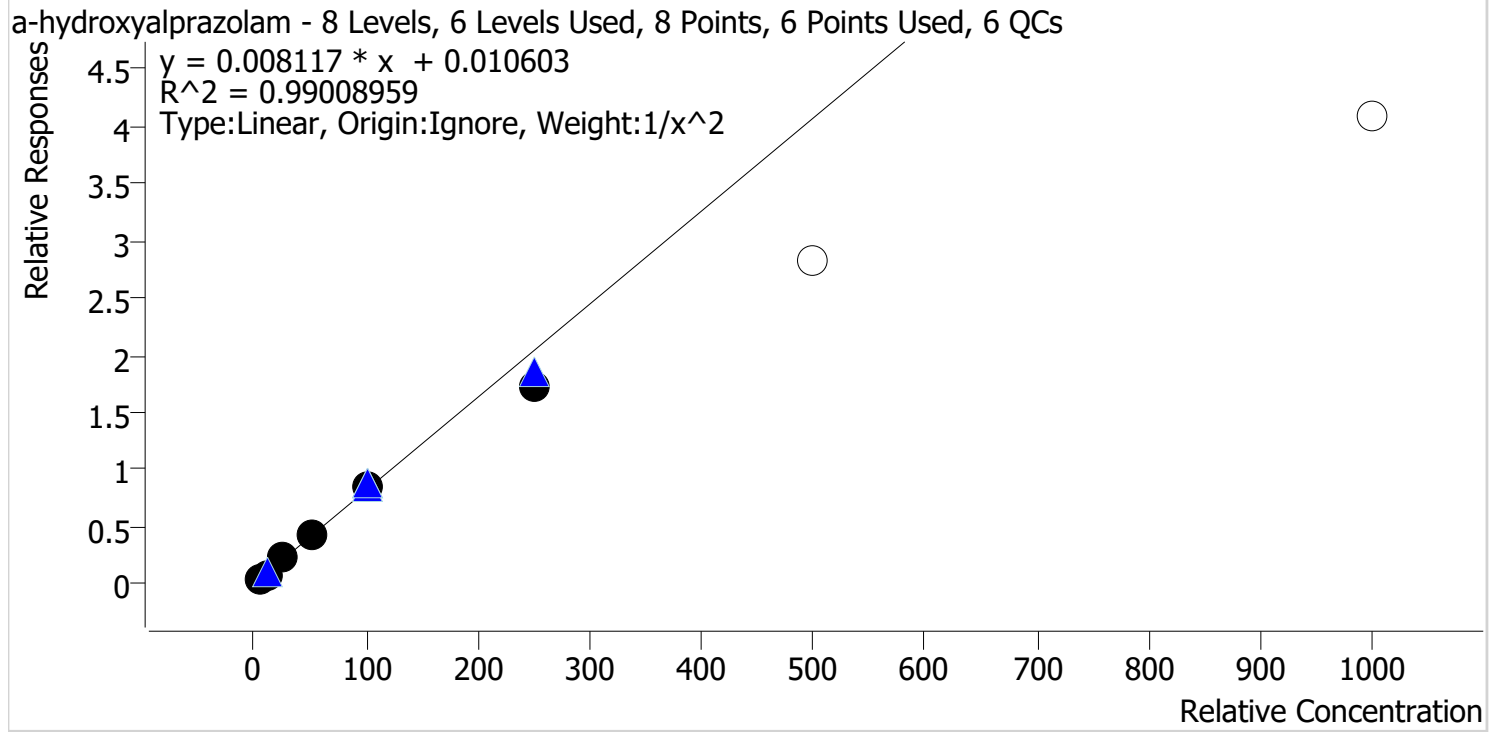
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-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	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	211.9	84.8
p1 Cal 7-500ng	7	x	500.0	348.1	69.6
p1 Cal 8-1000ng	8	x	1000.0	501.6	50.2

Calibrators 7 and 8 dropped due to accuracy.

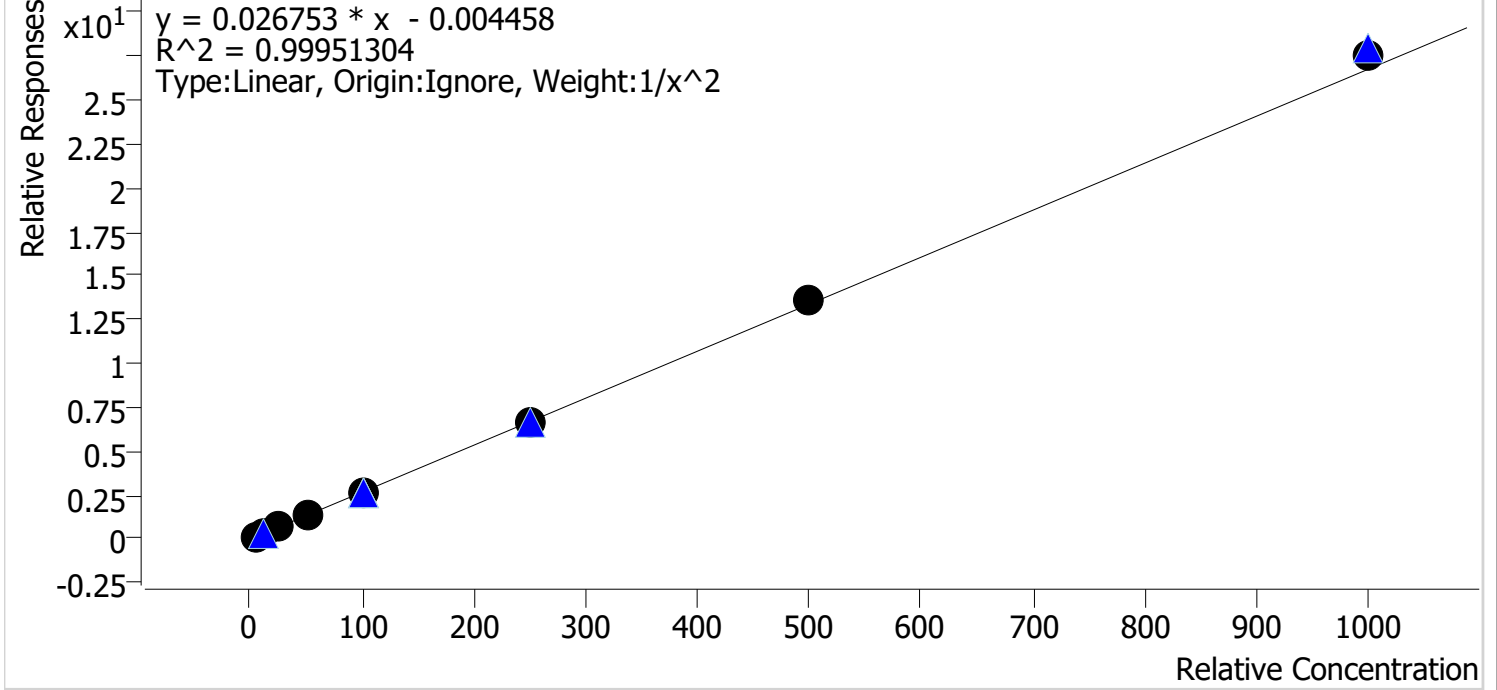


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



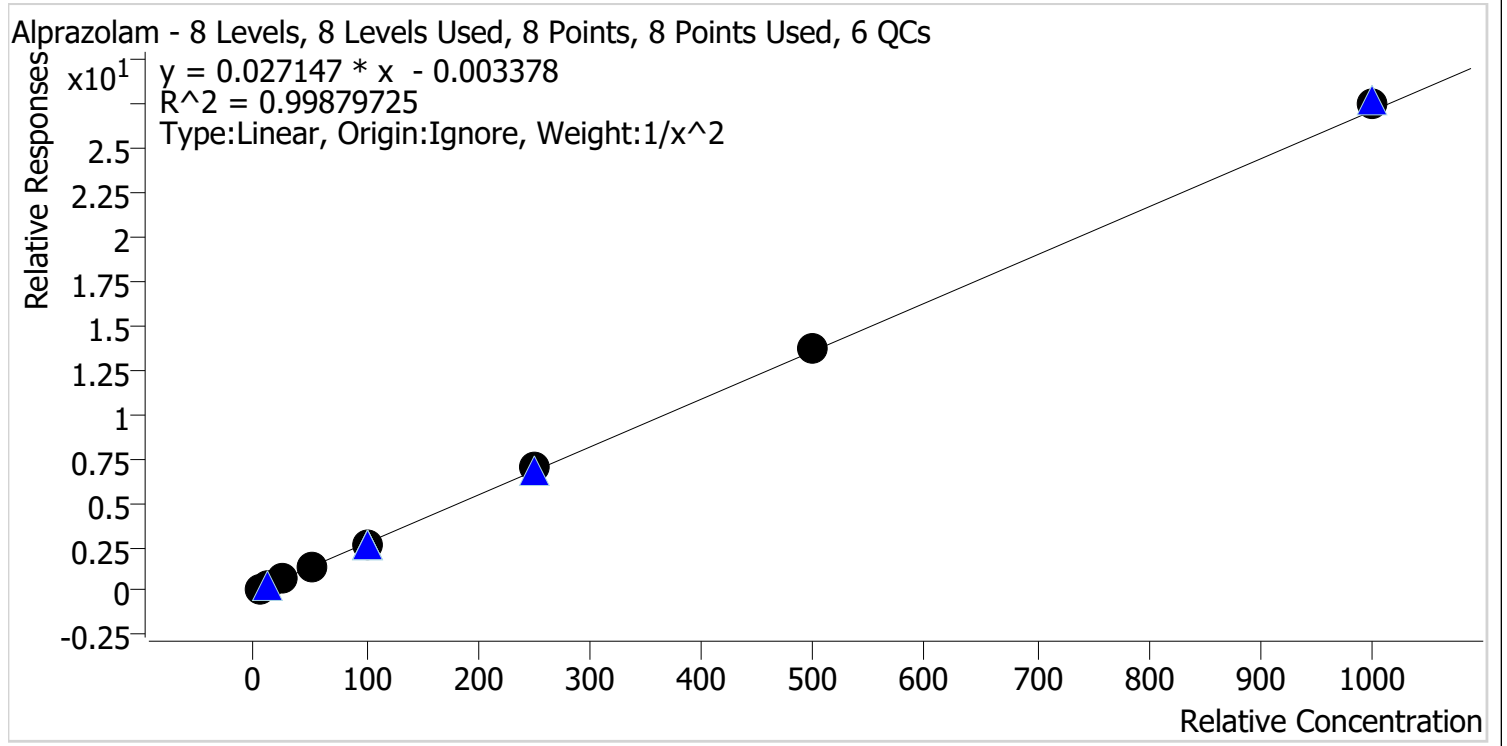
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	510.5	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1026.2	102.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/10/2022 3:40 PM
 Analyst Name ISP\Datastor
 Analyte Alprazolam Internal Standard Alprazolam-D5



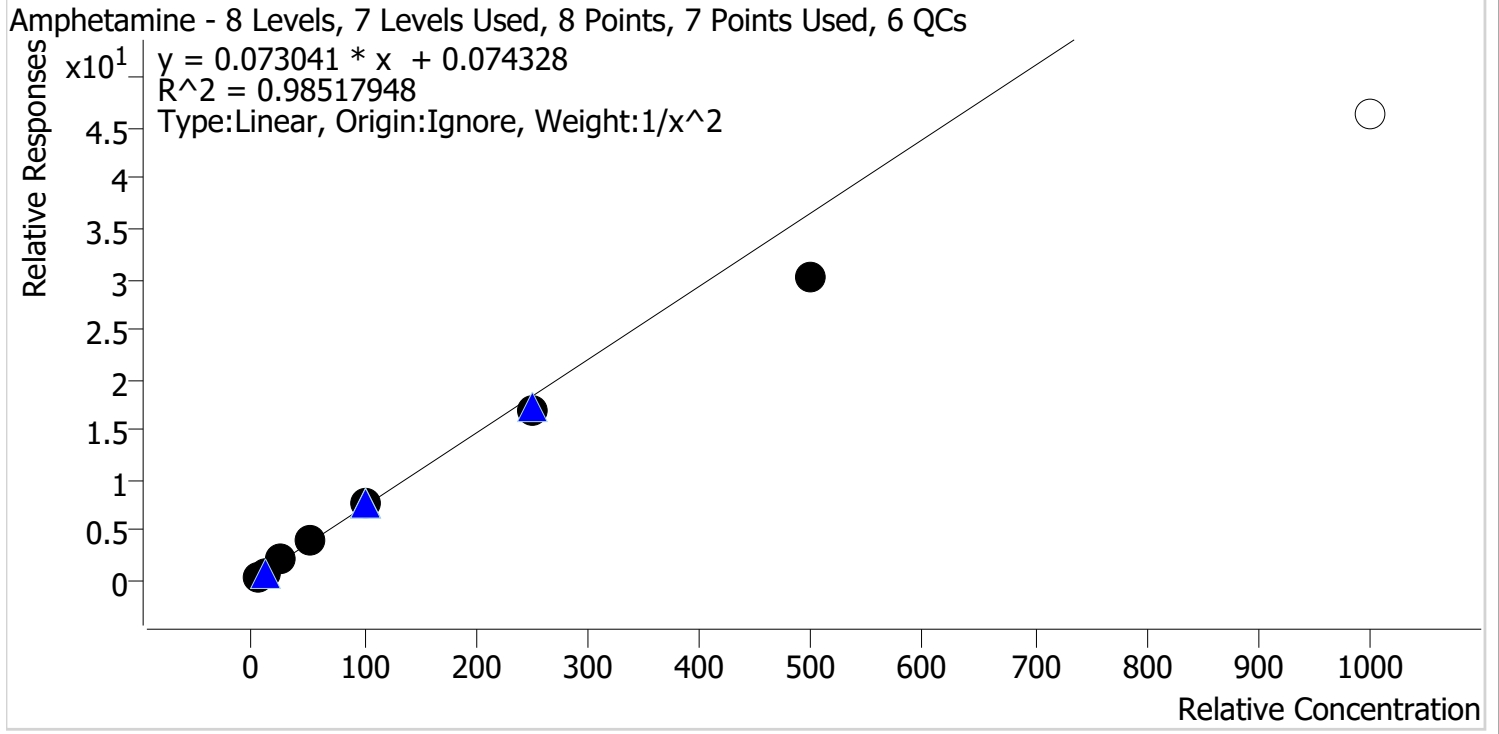
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1014.2	101.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/10/2022 3:40 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	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	55.9	111.8
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	229.6	91.8
p1 Cal 7-500ng	7	✓	500.0	414.2	82.8
p1 Cal 8-1000ng	8	x	1000.0	636.7	63.7

Calibrator 8 dropped due to accuracy.

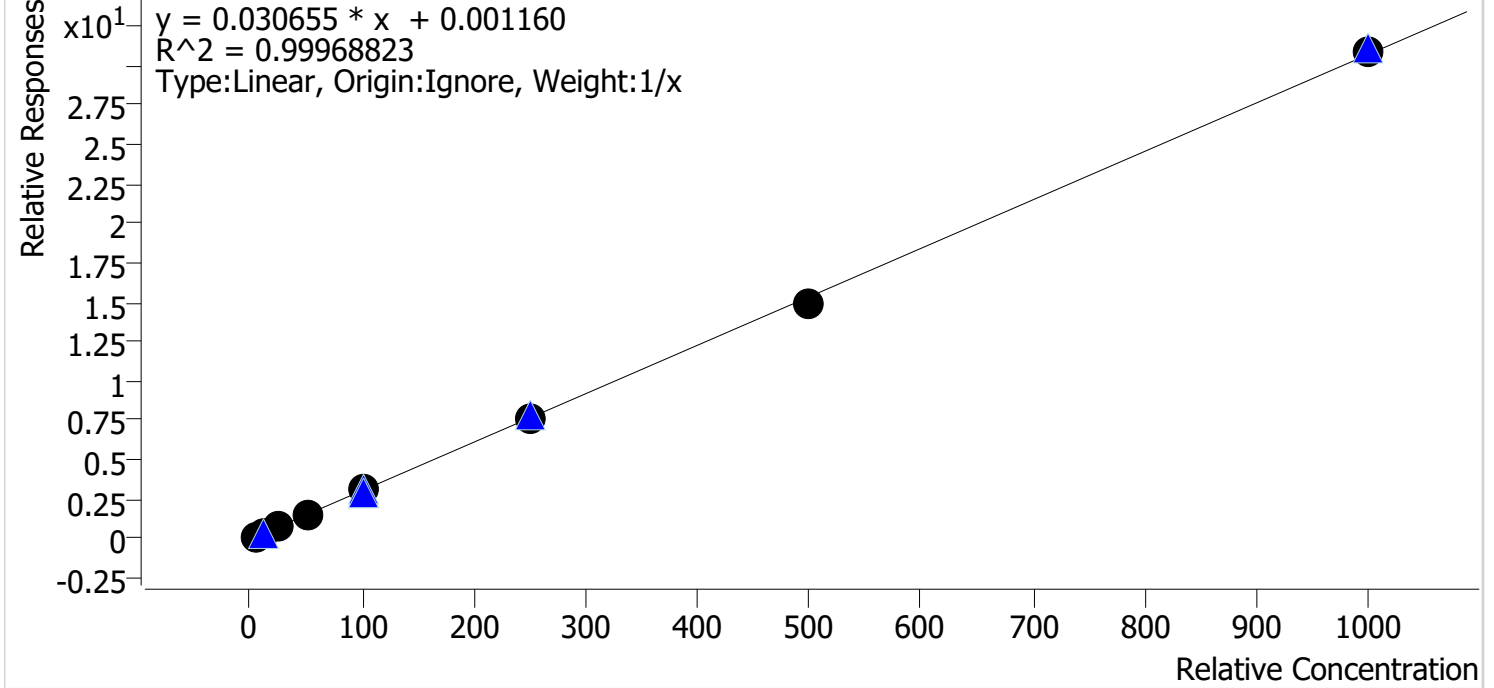
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



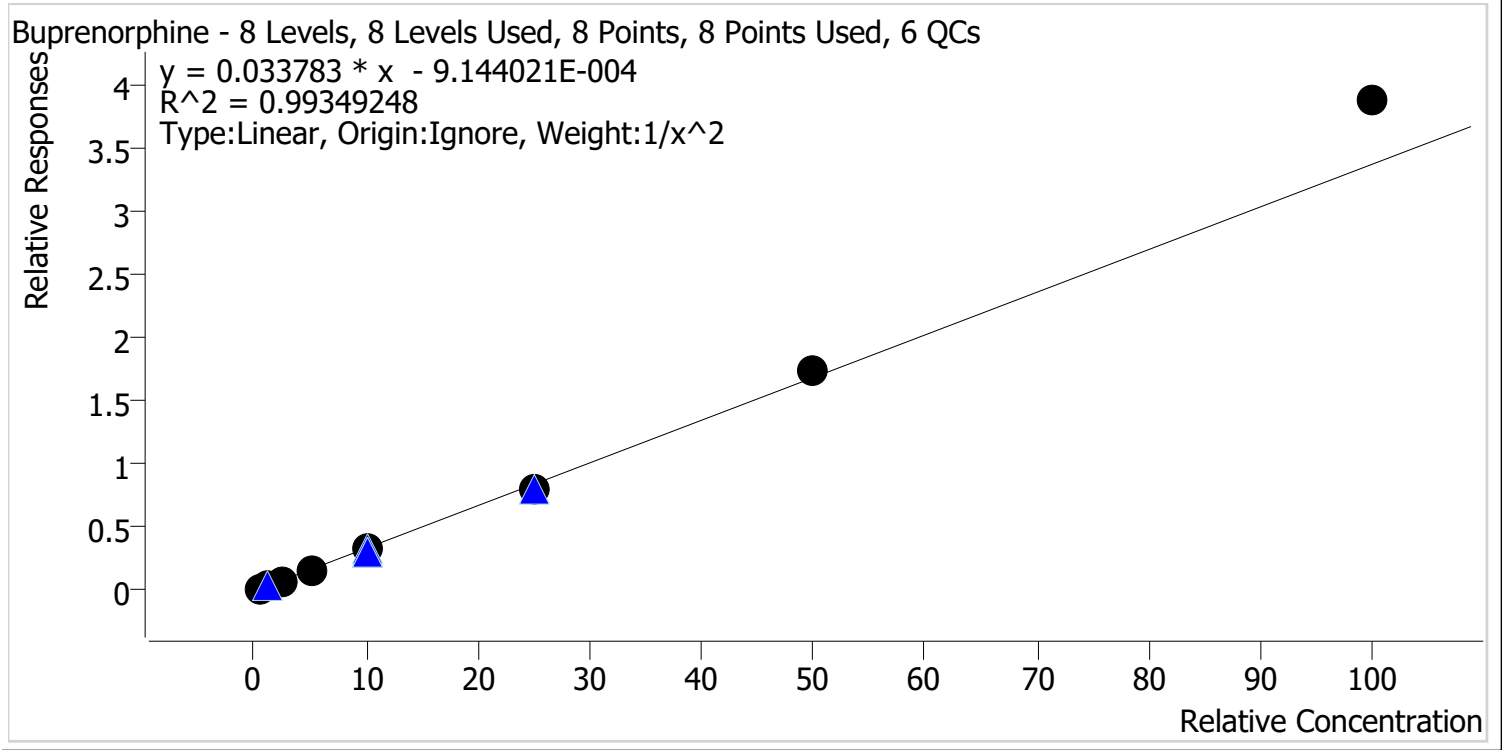
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	9.5	95.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	1007.1	100.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



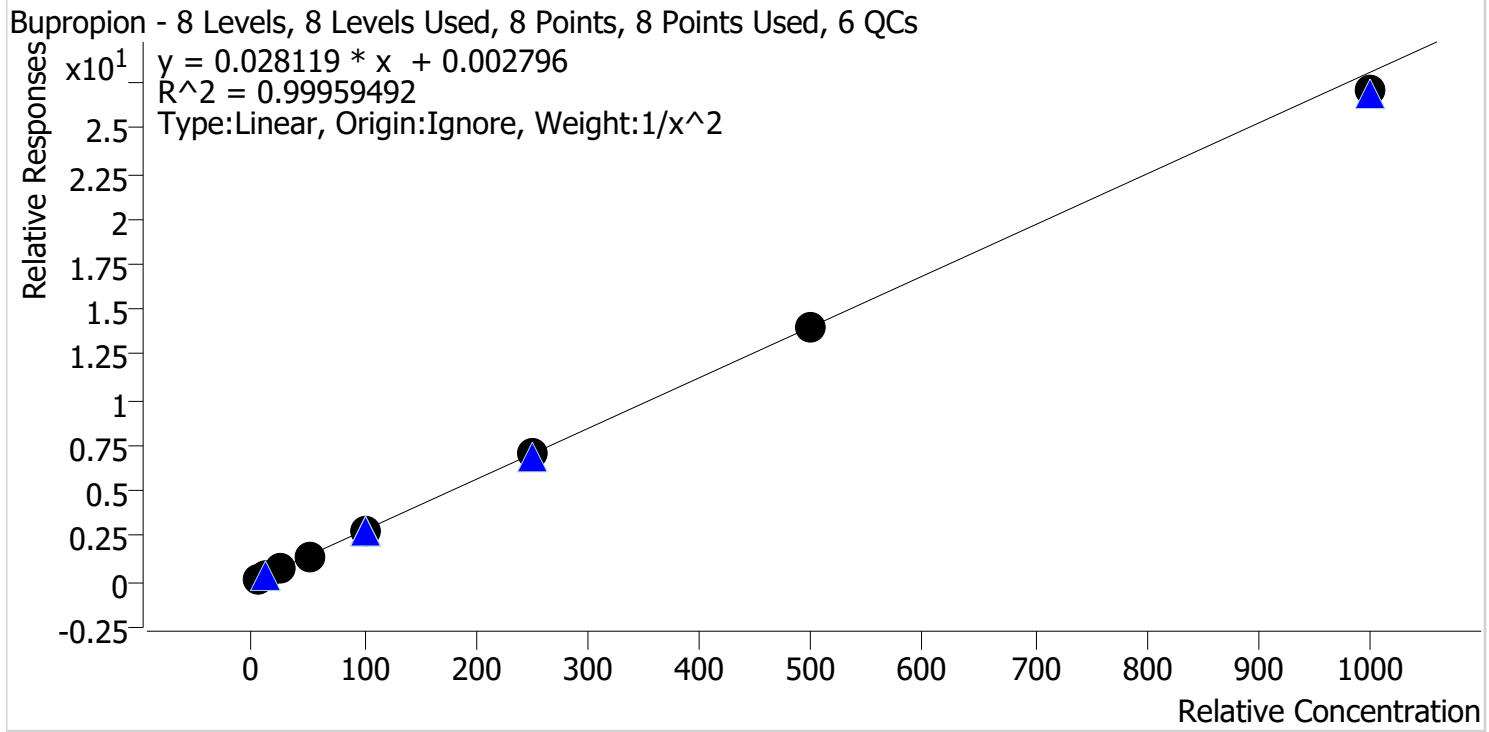
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.4
p1 Cal 2-10ng	2	✓	1.0	1.0	96.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.2
p1 Cal 4-50ng	4	✓	5.0	4.6	92.8
p1 Cal 5-100ng	5	✓	10.0	9.7	97.3
p1 Cal 6-250ng	6	✓	25.0	23.9	95.6
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	114.9	114.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	964.0	96.4

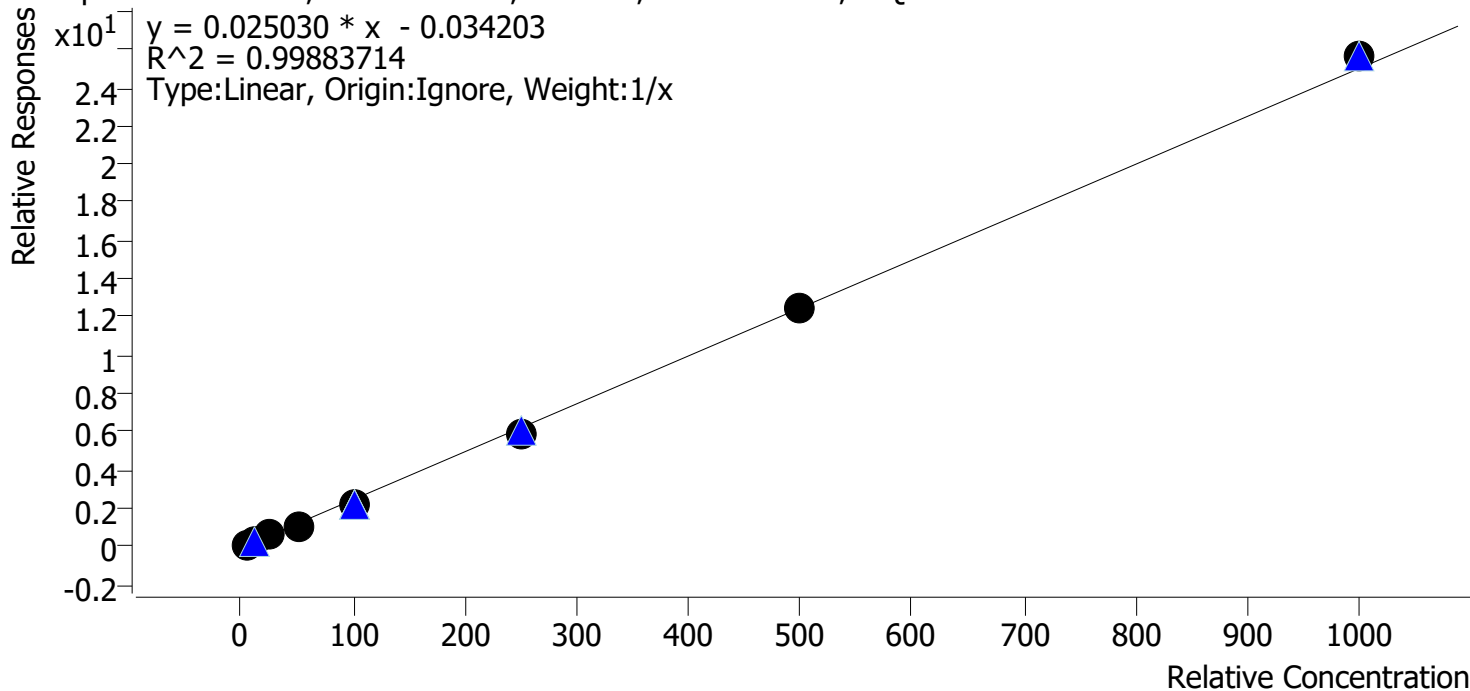
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 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	5.9	117.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	91.9	91.9
p1 Cal 6-250ng	6	✓	250.0	239.5	95.8
p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1023.5	102.3

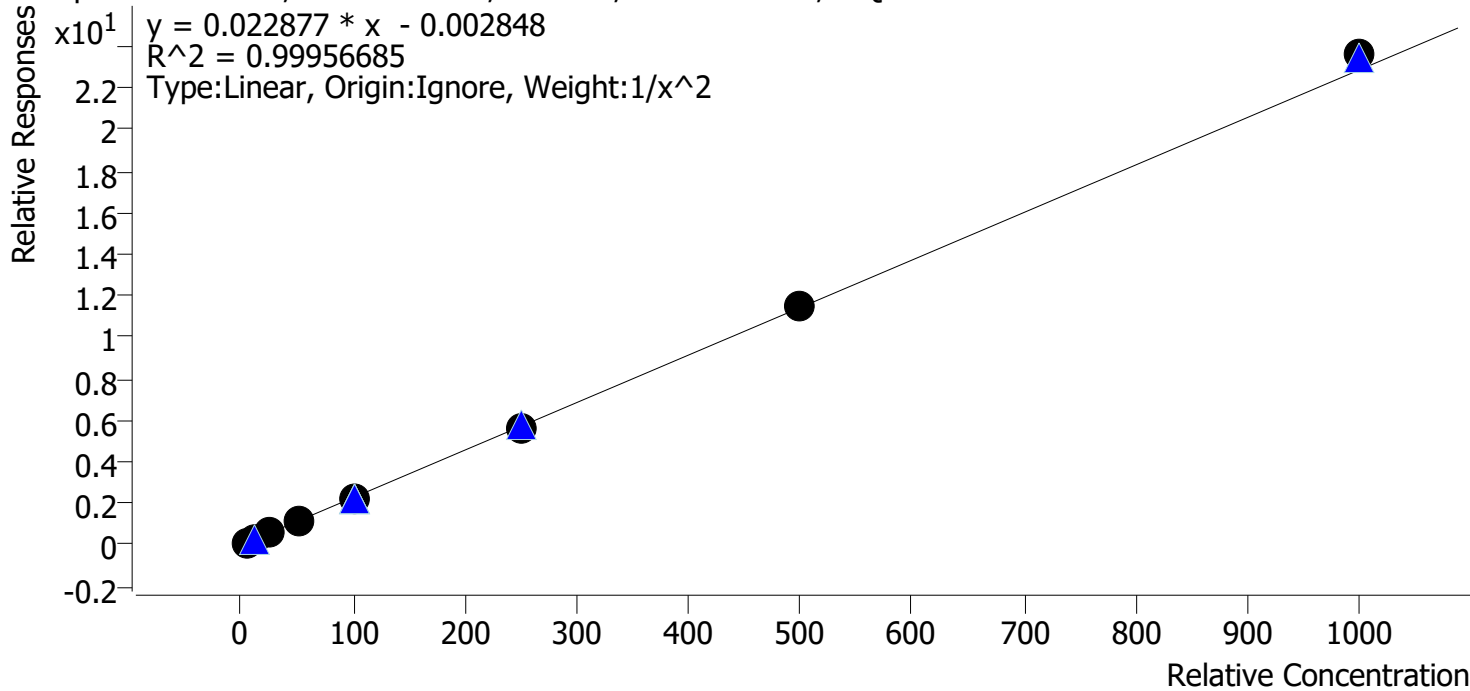
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1032.4	103.2

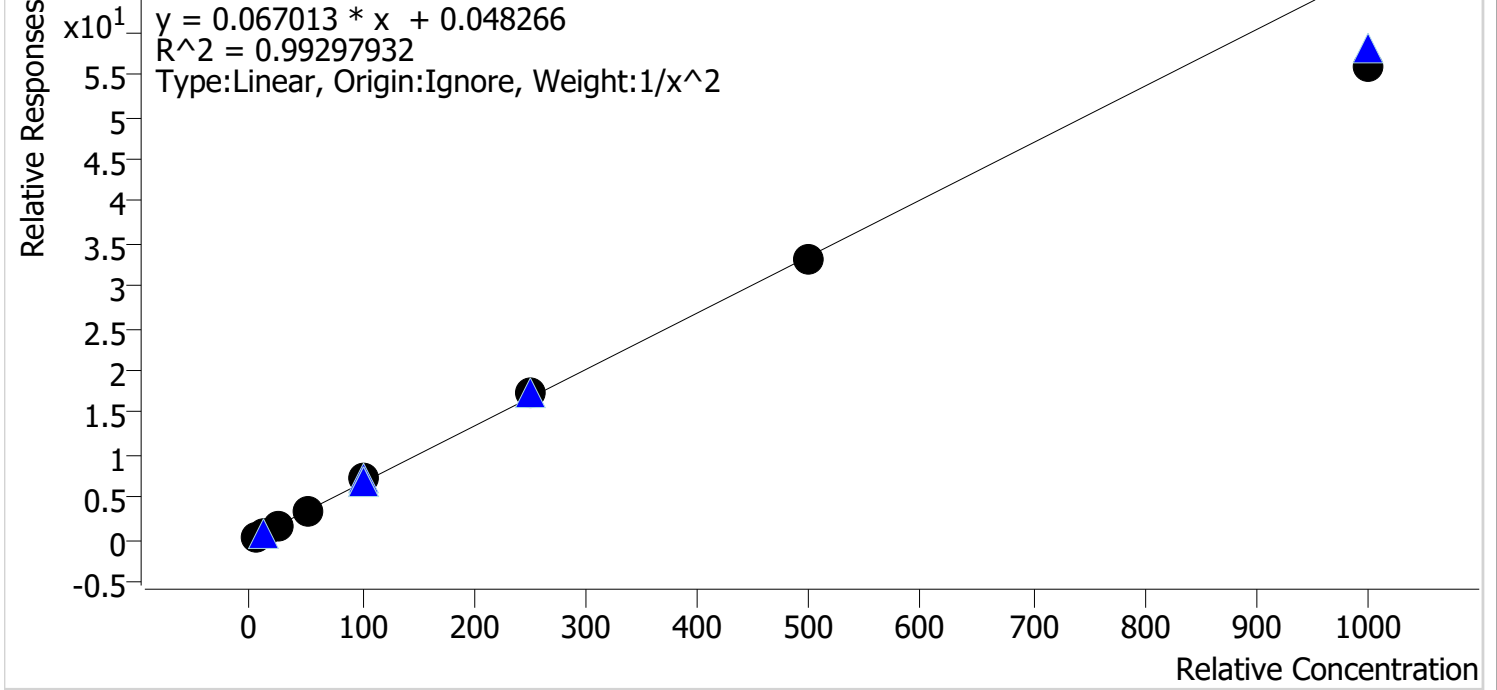


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



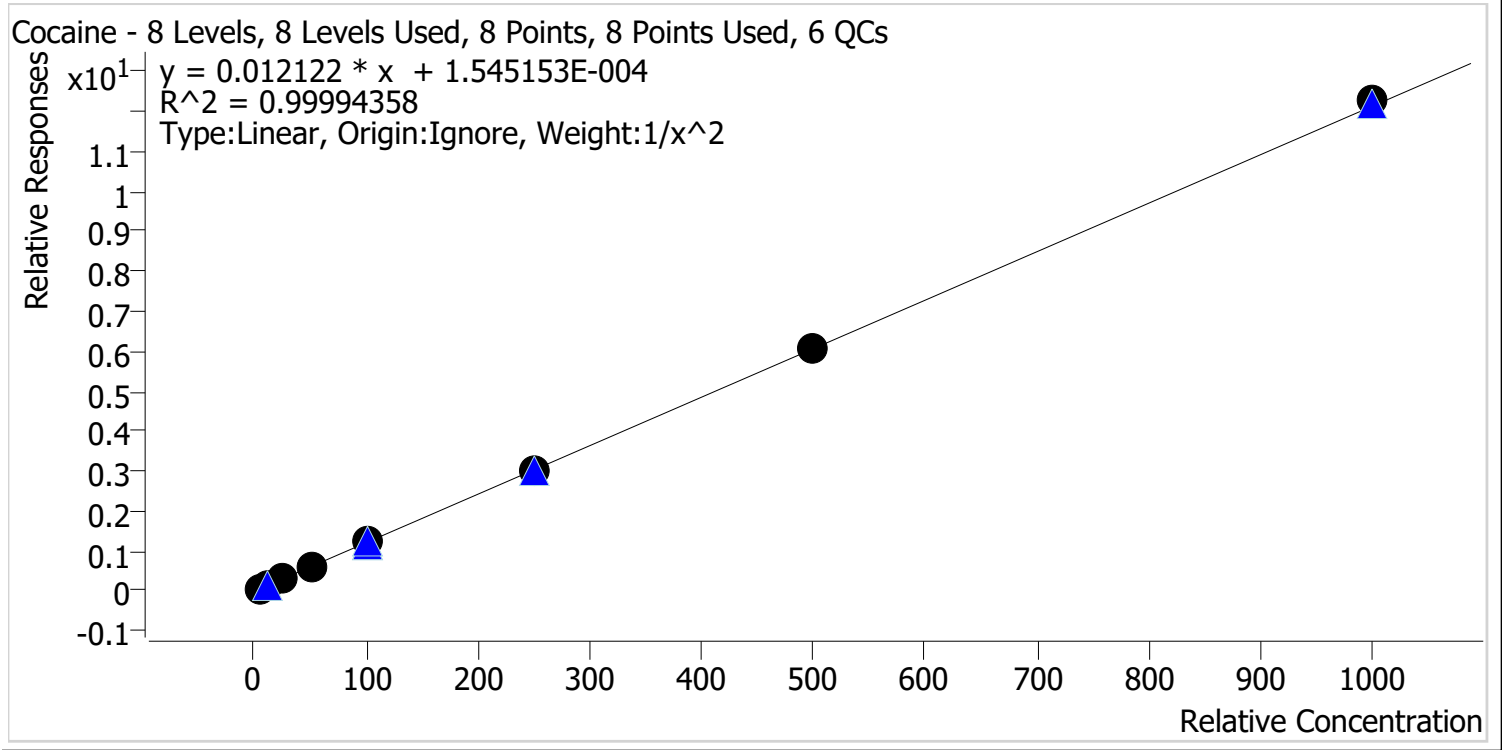
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	493.8	98.8
p1 Cal 8-1000ng	8	✓	1000.0	836.7	83.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1011.7	101.2

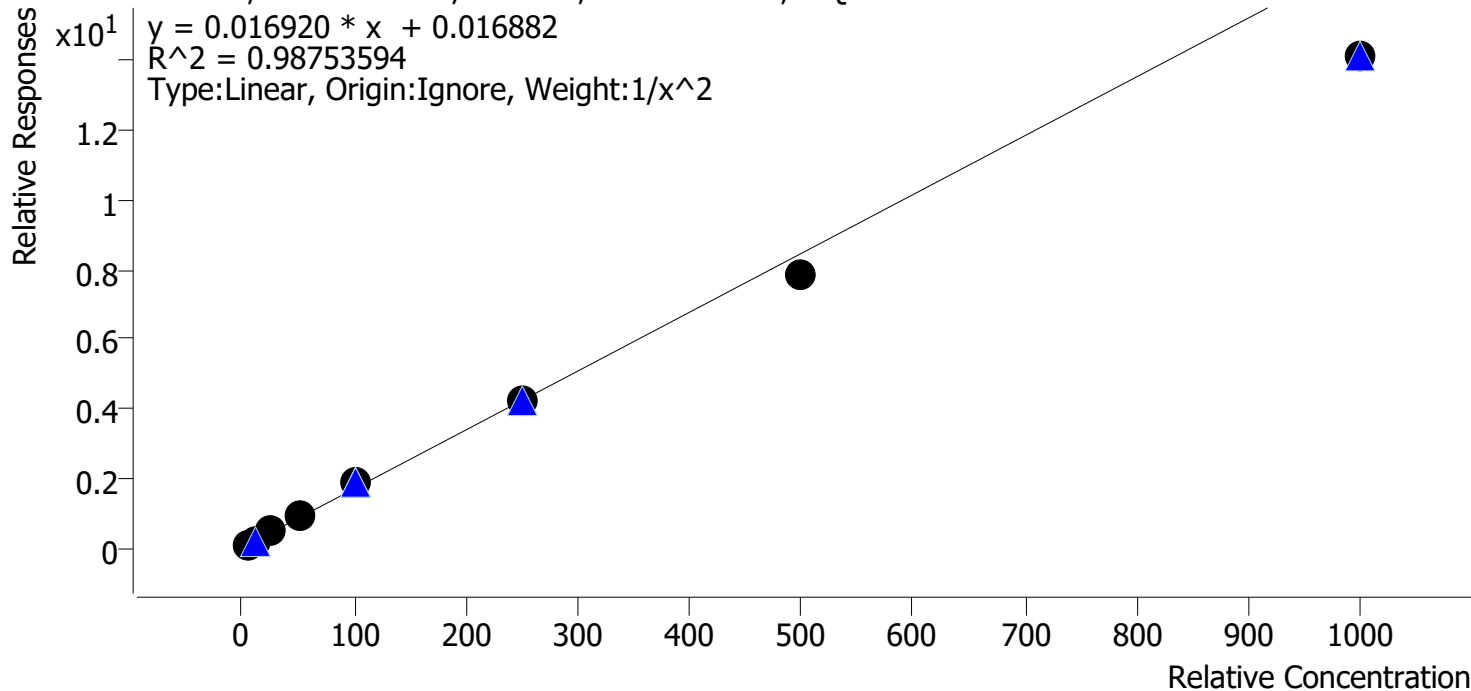
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	55.7	111.4
p1 Cal 5-100ng	5	✓	100.0	111.0	111.0
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	461.6	92.3
p1 Cal 8-1000ng	8	✓	1000.0	832.6	83.3

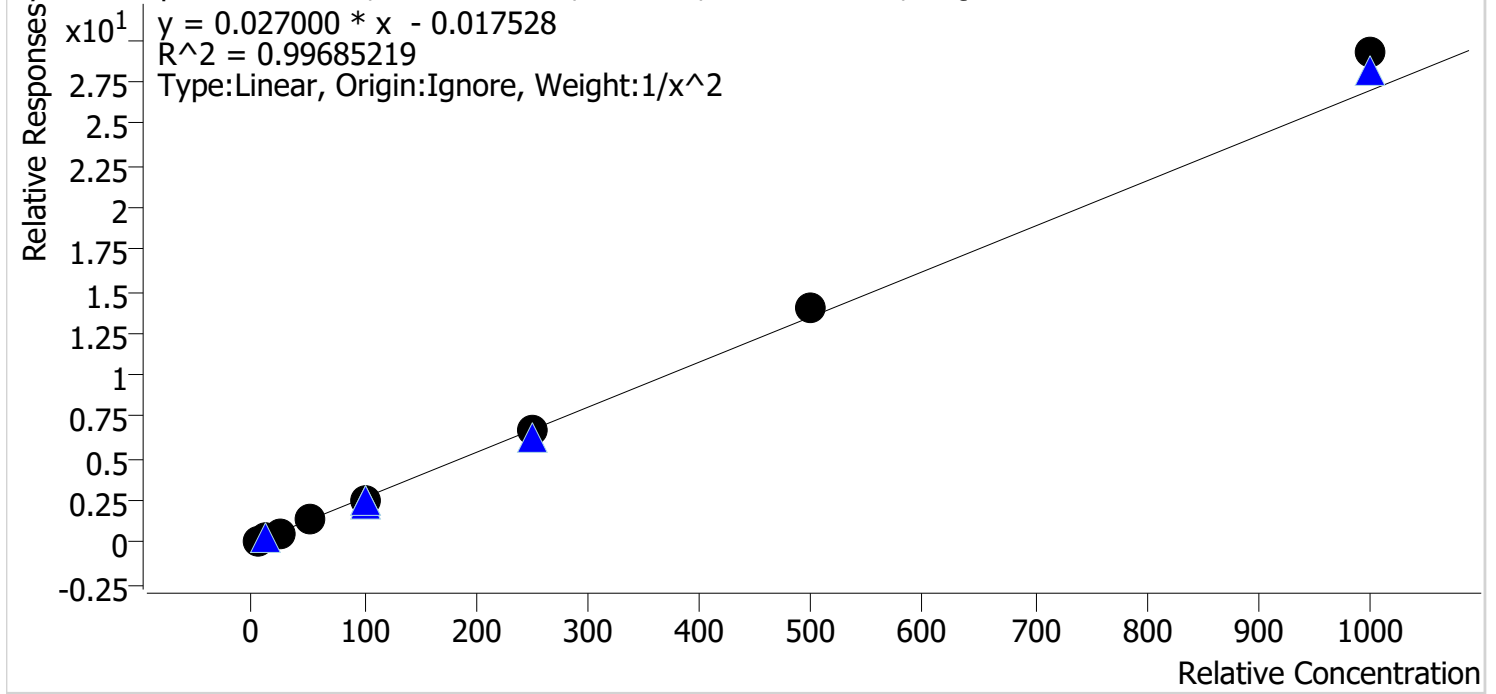
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 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	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	518.9	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1083.7	108.4

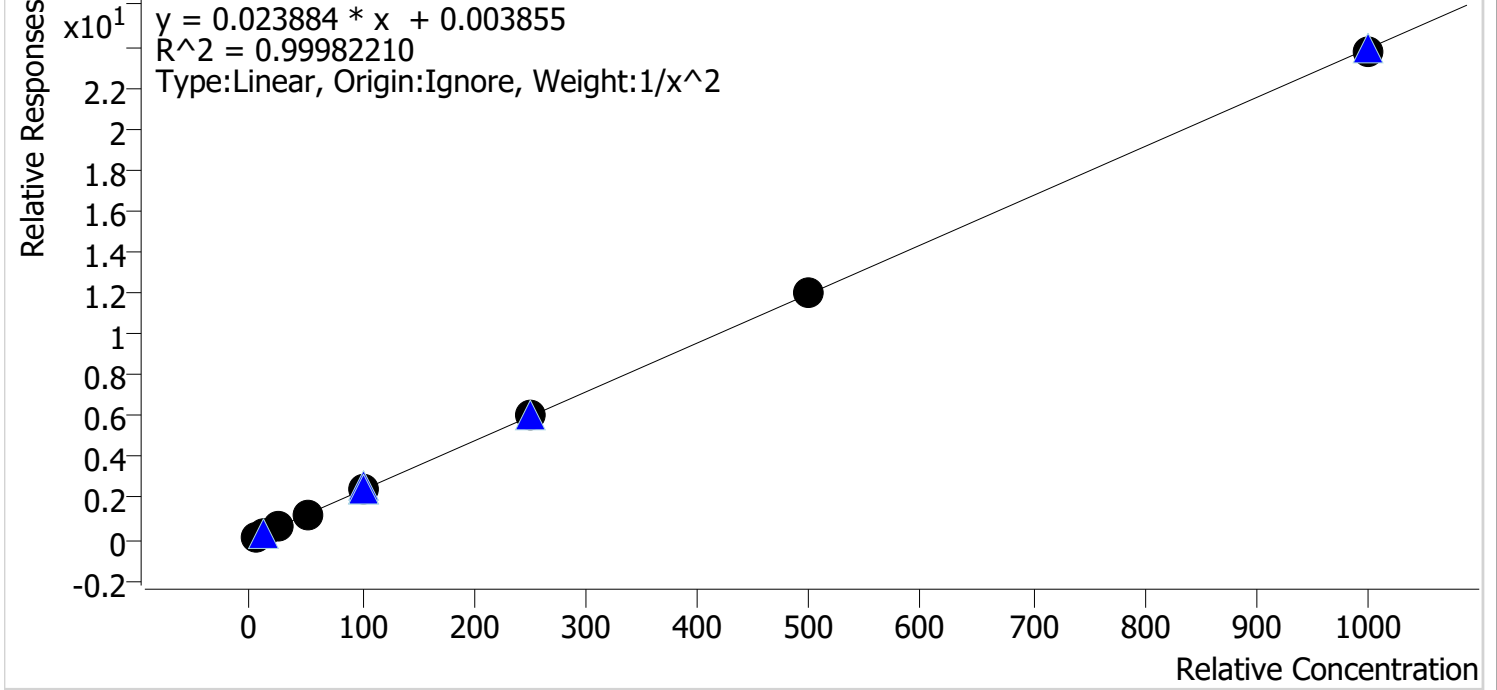


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



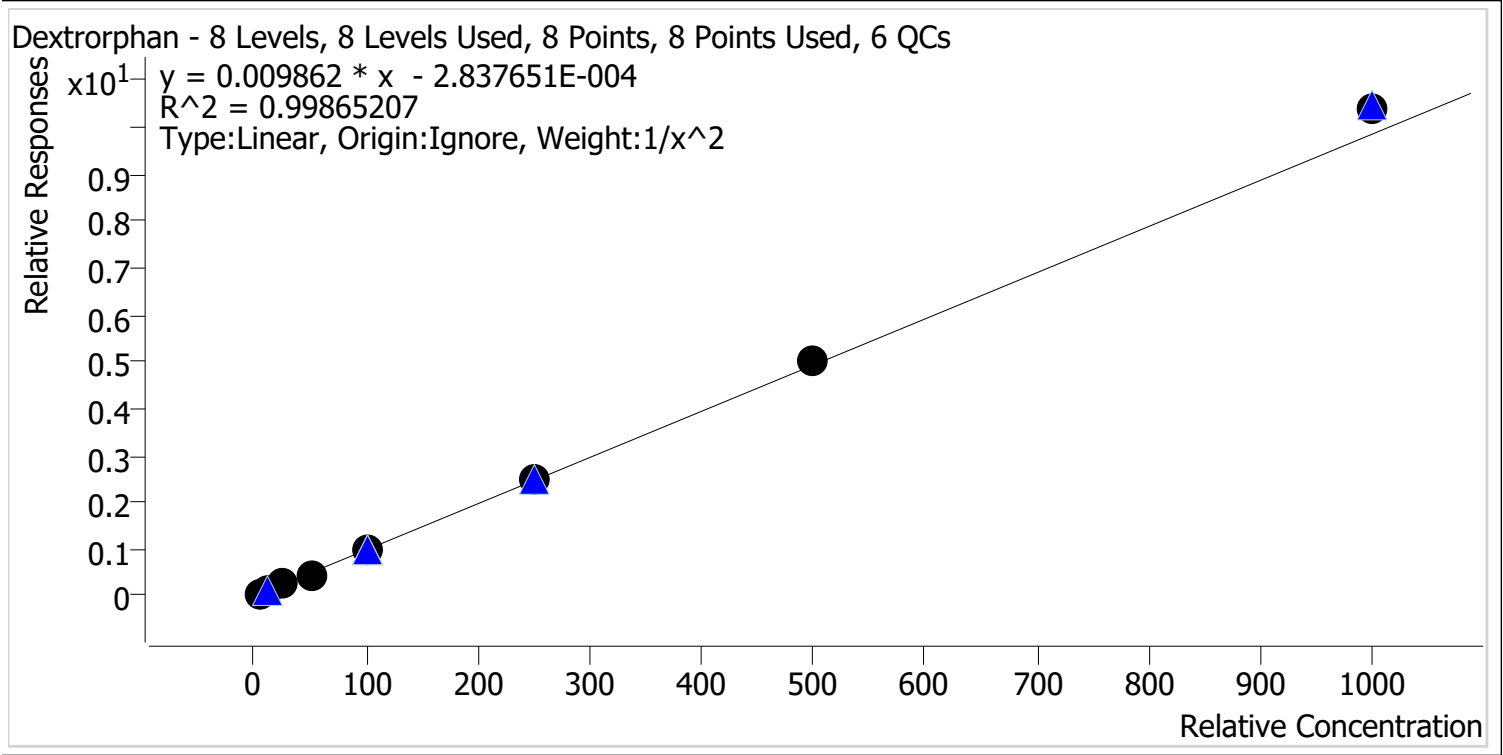
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	251.6	100.7
p1 Cal 7-500ng	7	✓	500.0	501.7	100.3
p1 Cal 8-1000ng	8	✓	1000.0	996.2	99.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



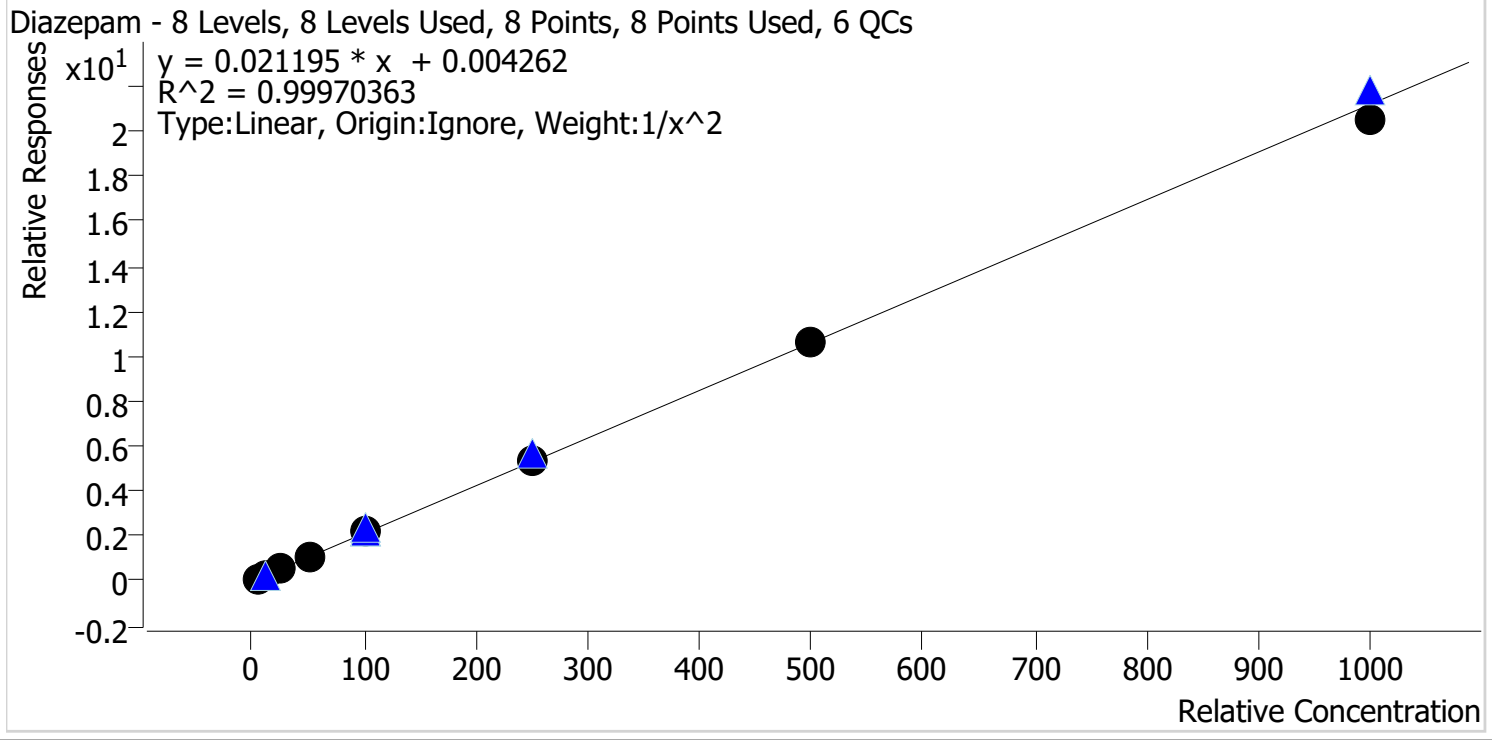
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1057.5	105.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



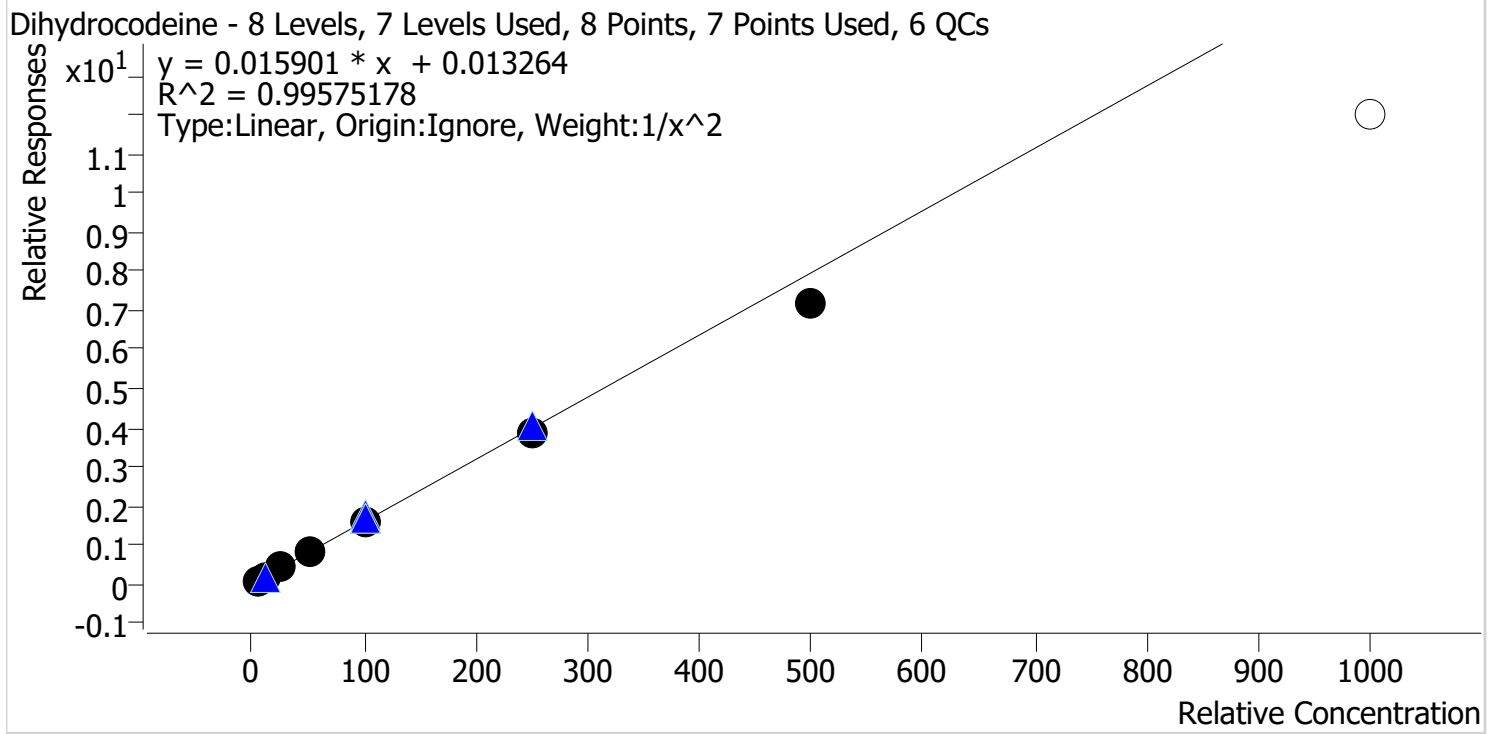
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	499.9	100.0
p1 Cal 8-1000ng	8	✓	1000.0	966.4	96.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	244.1	97.7
p1 Cal 7-500ng	7	✓	500.0	451.8	90.4
p1 Cal 8-1000ng	8	✗	1000.0	754.7	75.5

Calibrator 8 dropped due to accuracy.

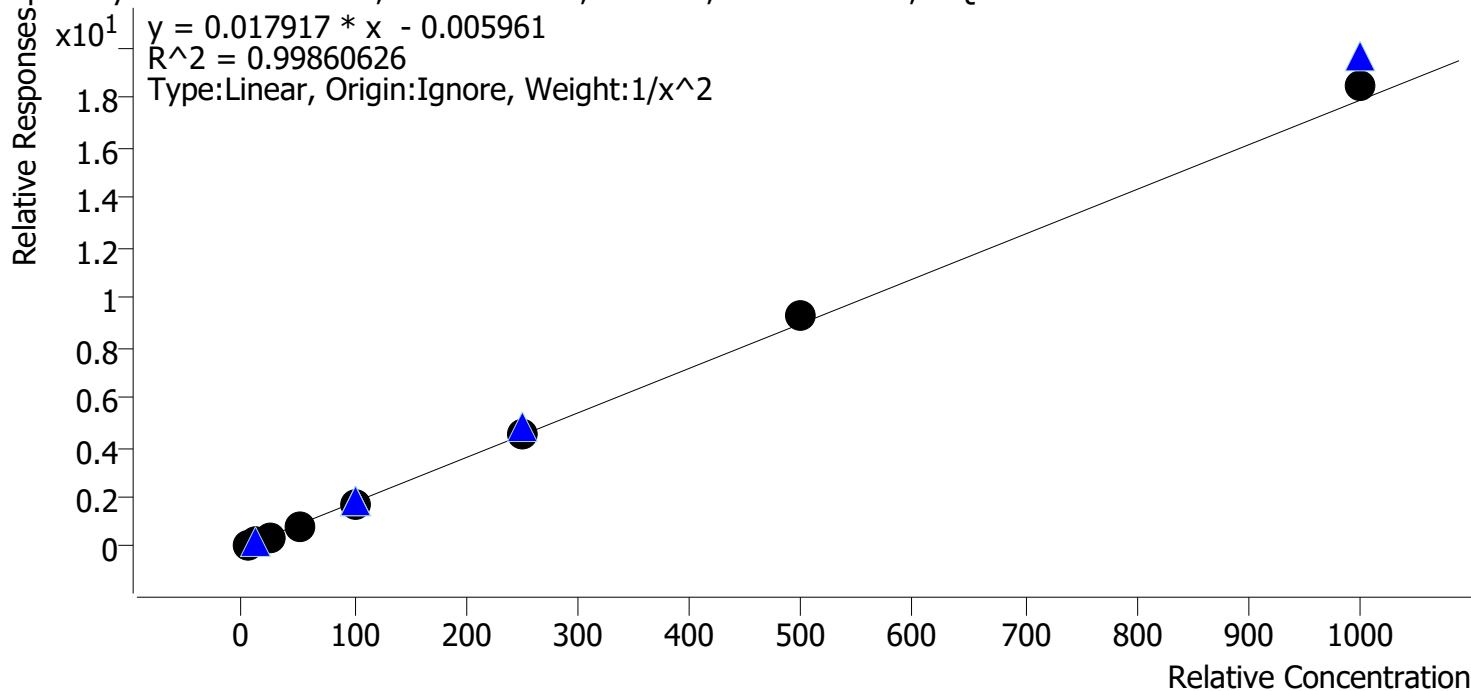
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



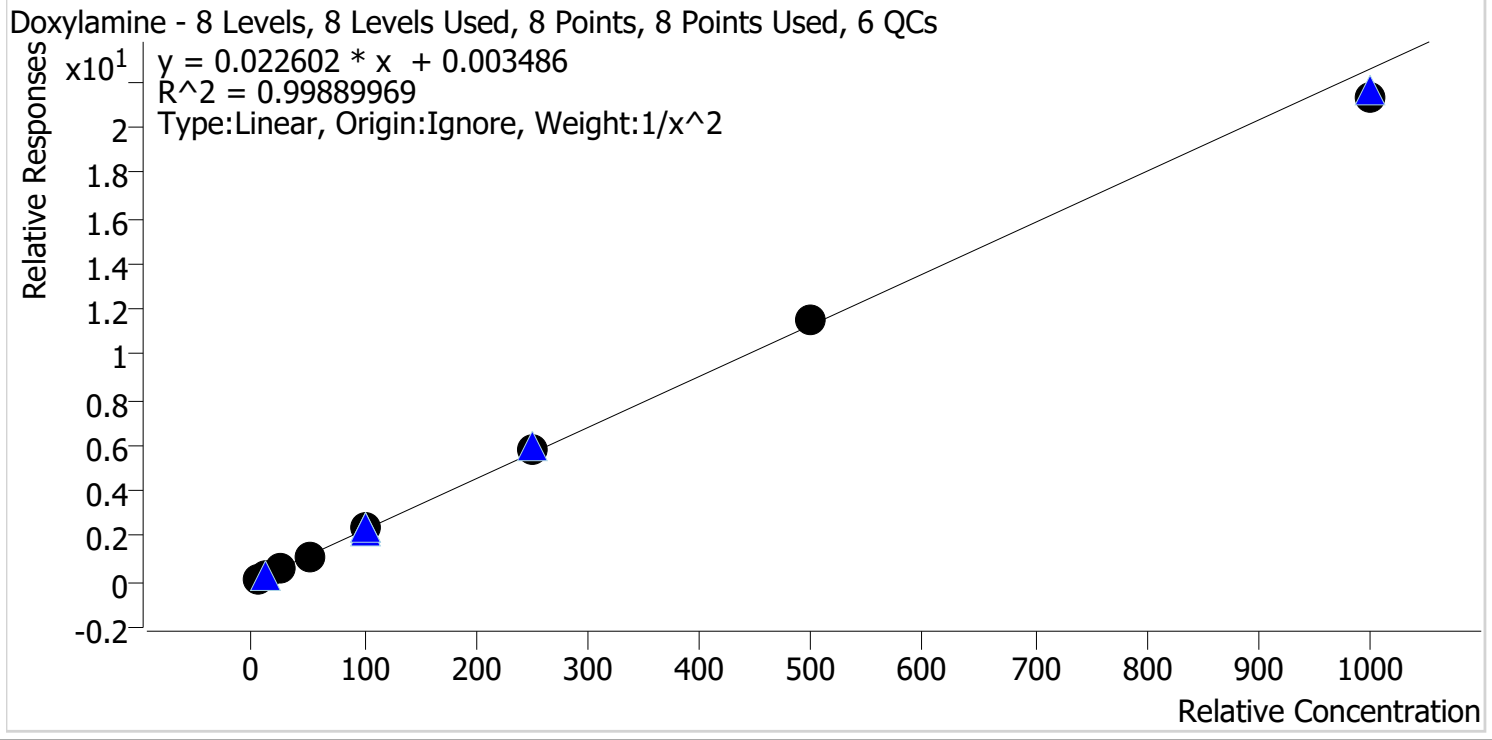
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1035.0	103.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	509.6	101.9
p1 Cal 8-1000ng	8	✓	1000.0	941.9	94.2

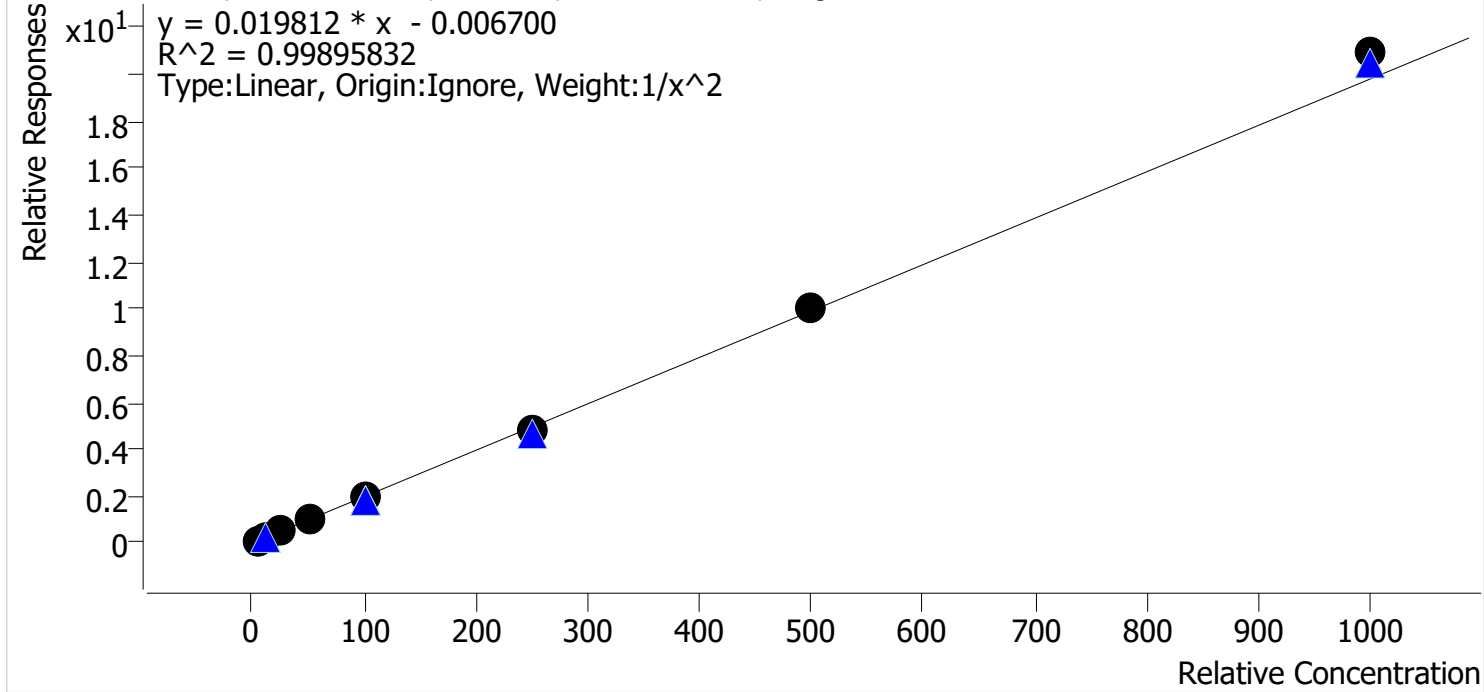
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	509.6	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1056.9	105.7

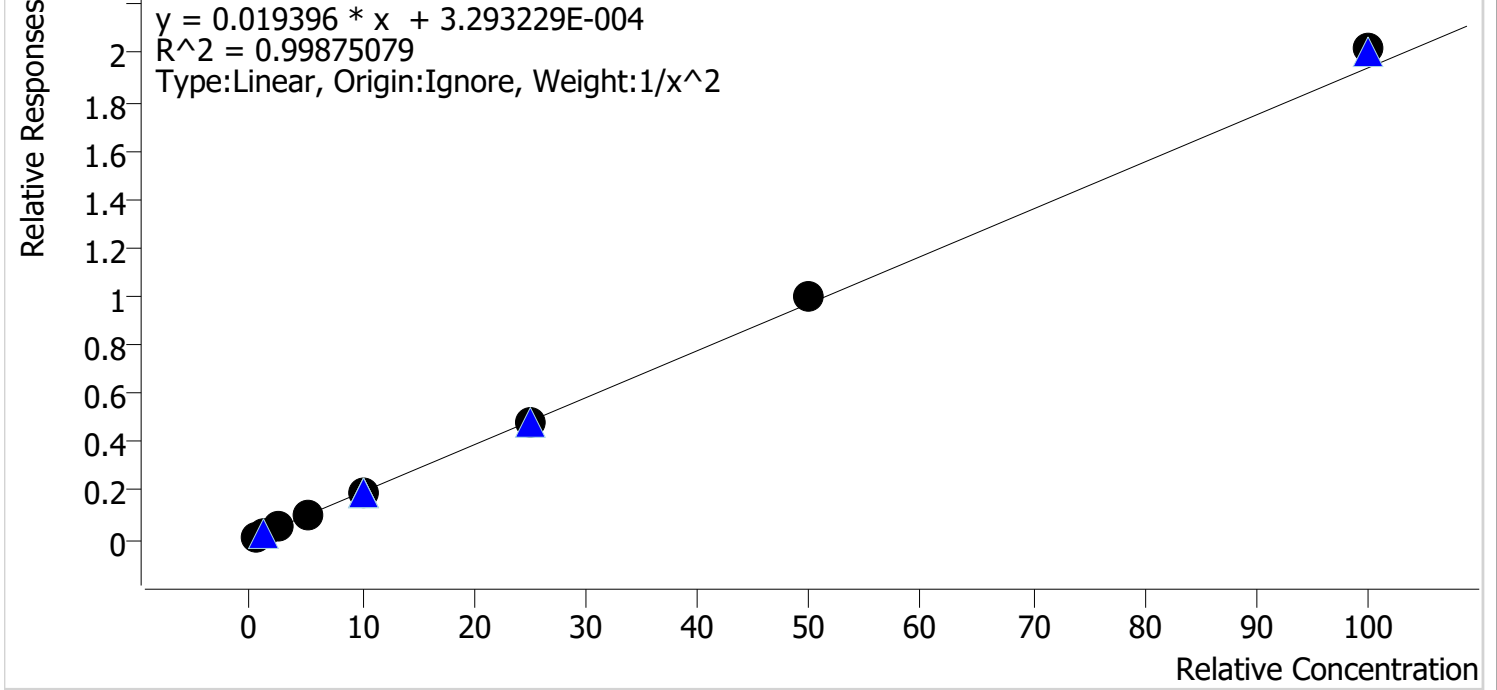


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2-10ng	2	✓	1.0	1.0	95.9
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.0
p1 Cal 4-50ng	4	✓	5.0	4.9	98.1
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	25.1	100.6
p1 Cal 7-500ng	7	✓	50.0	51.6	103.2
p1 Cal 8-1000ng	8	✓	100.0	104.1	104.1

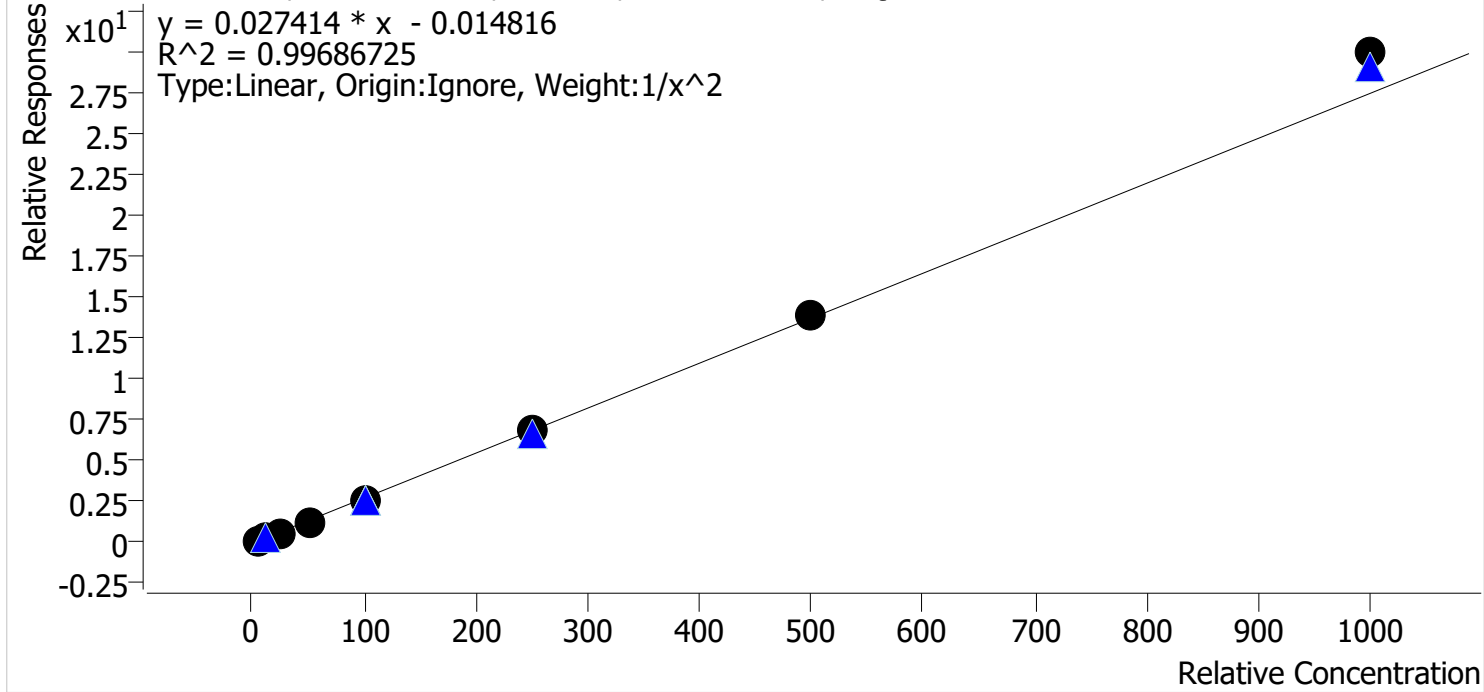
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



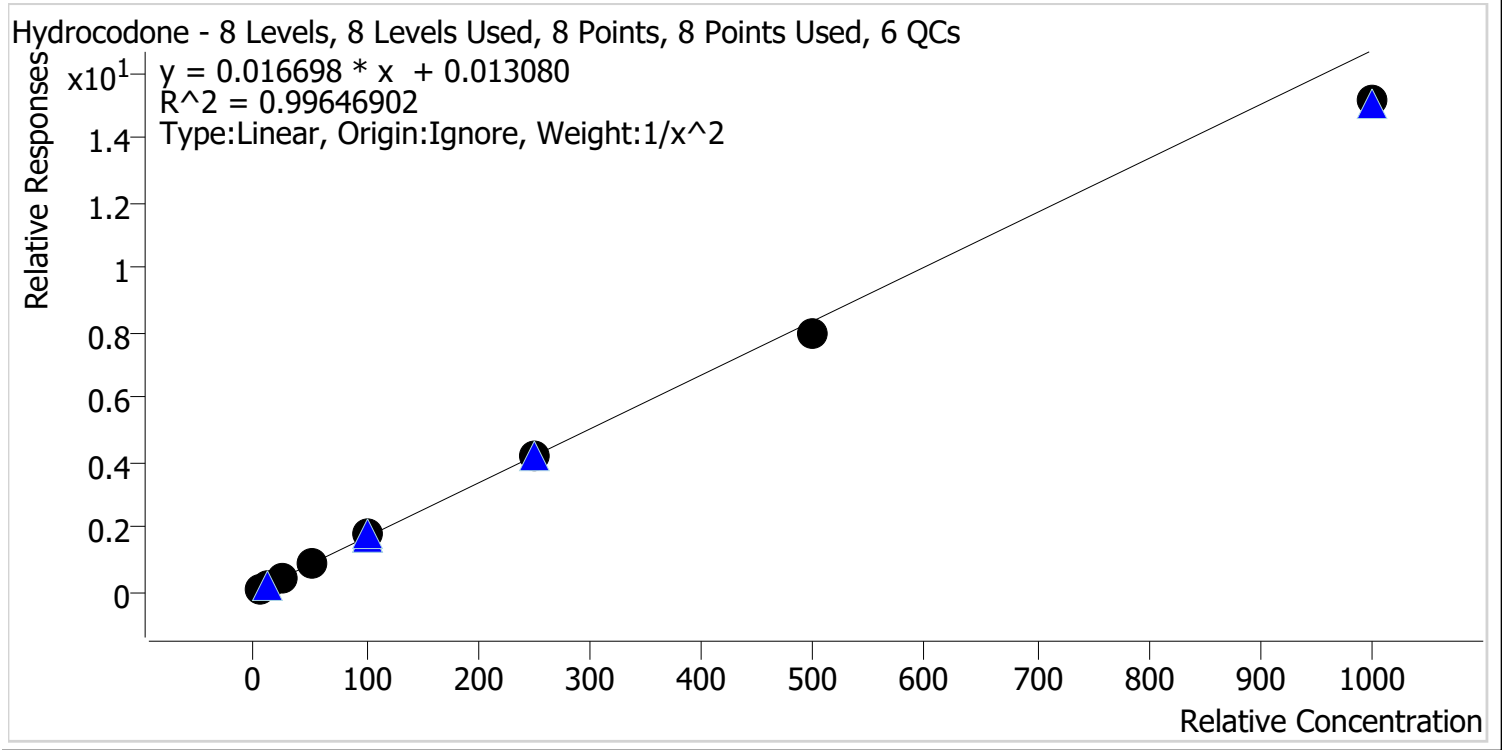
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.4
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	509.7	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1090.6	109.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	478.2	95.6
p1 Cal 8-1000ng	8	✓	1000.0	907.2	90.7

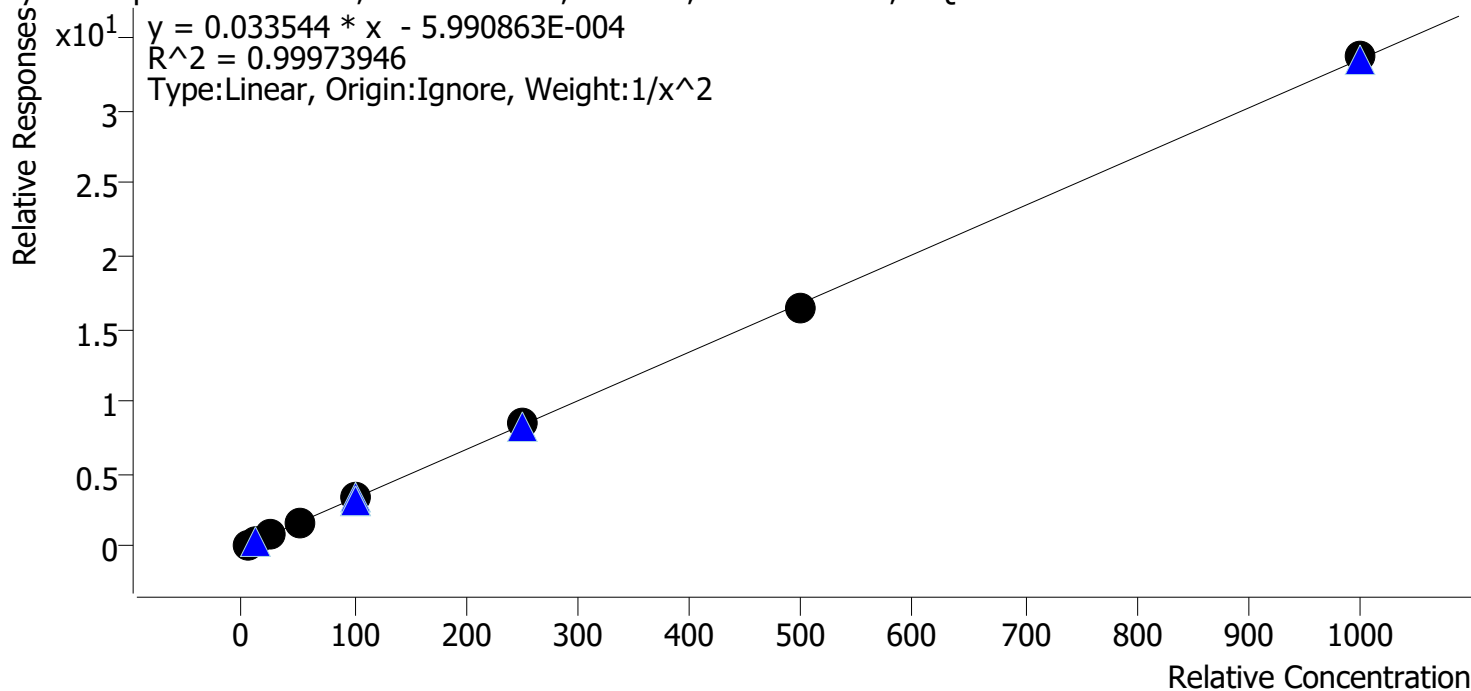
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



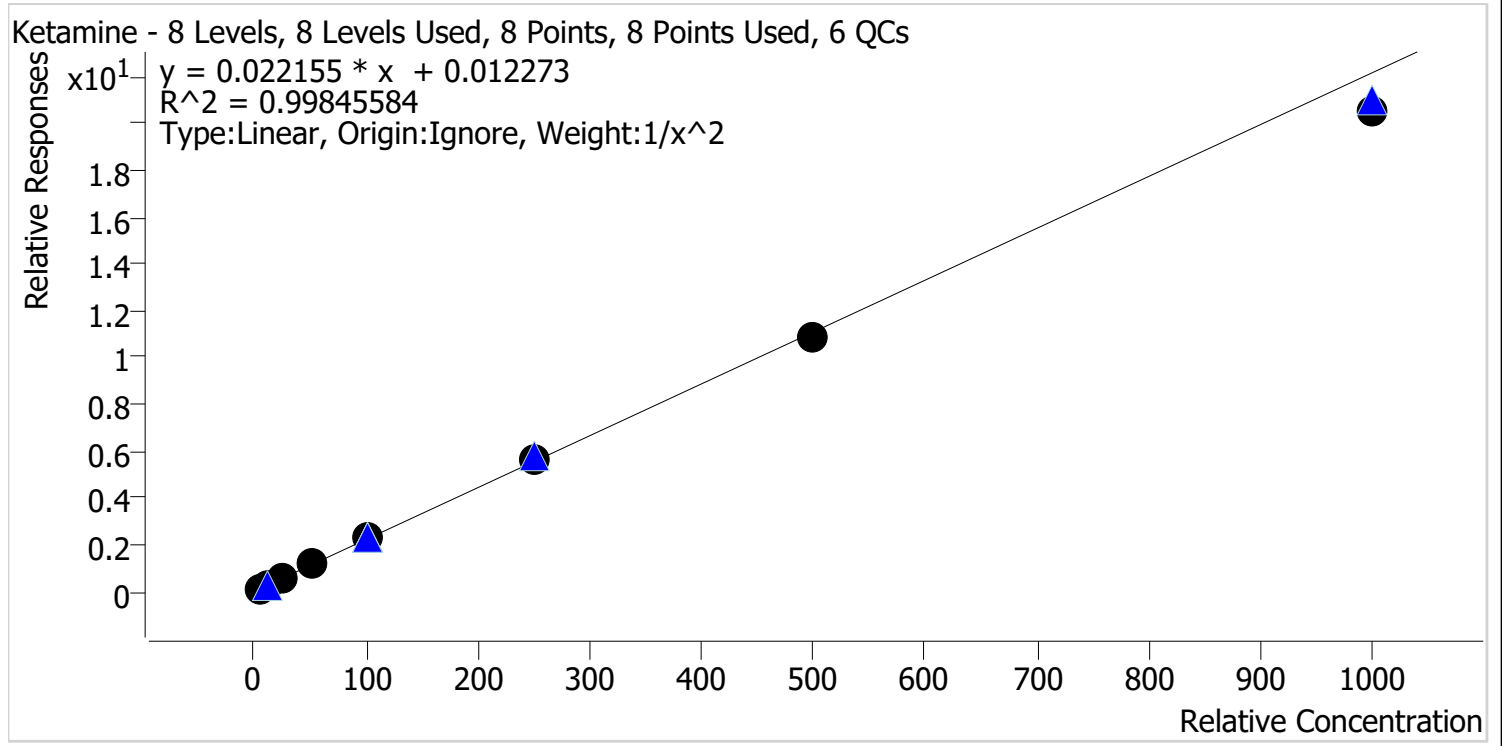
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	492.6	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1005.5	100.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



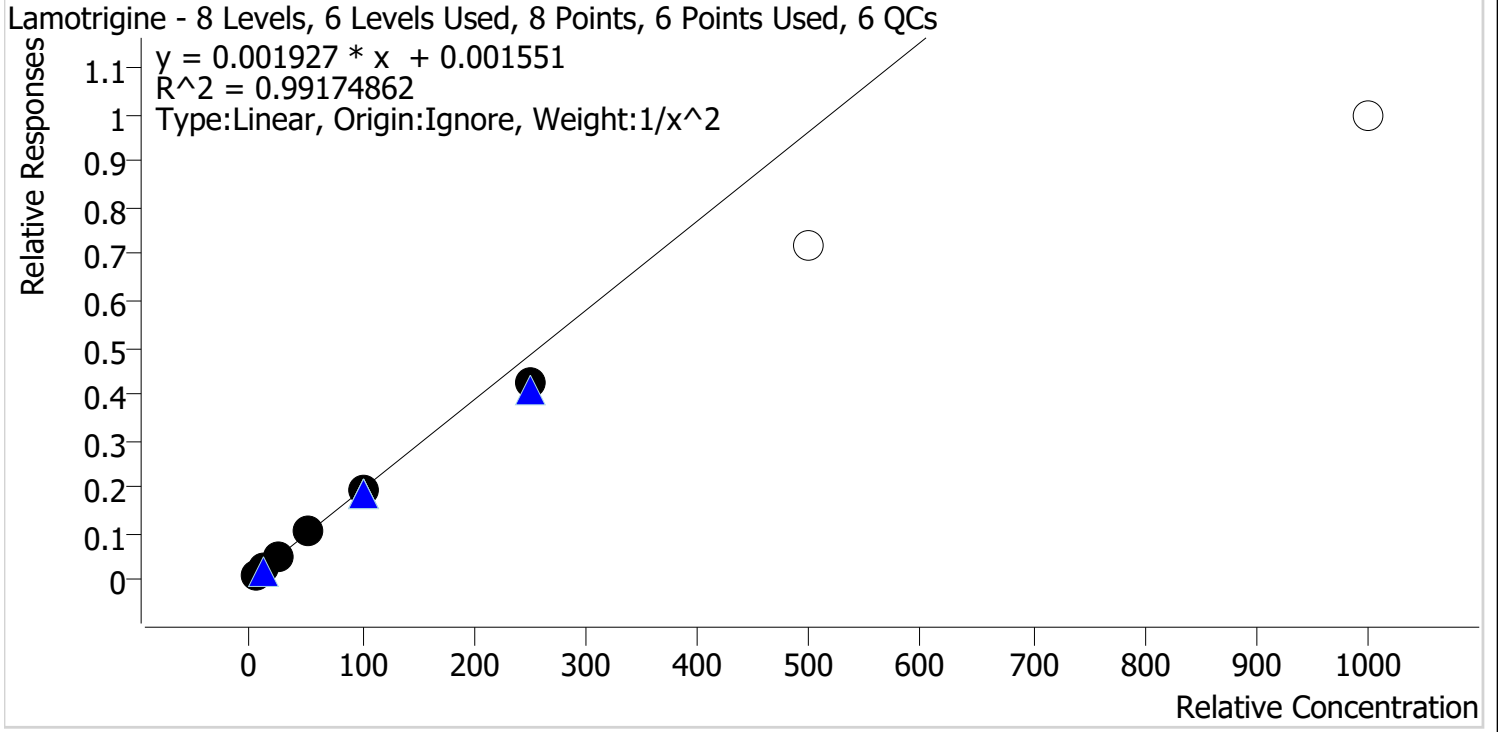
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	927.3	92.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/10/2022 3:40 PM
 Analyst Name ISP\Datastor
 Analyte Lamotrigine Internal Standard Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	218.3	87.3
p1 Cal 7-500ng	7	x	500.0	373.9	74.8
p1 Cal 8-1000ng	8	x	1000.0	518.2	51.8

Calibrators 7 and 8 dropped due to accuracy.

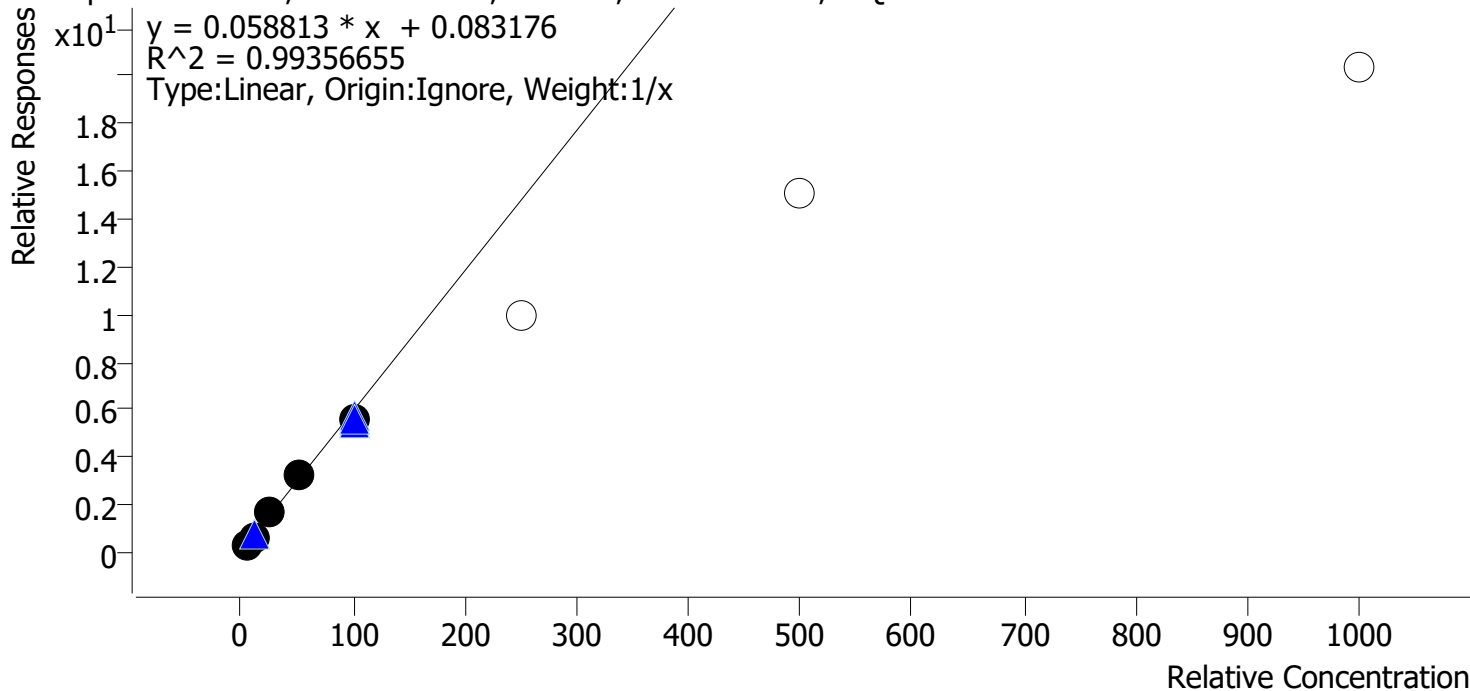
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	89.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng	6	✗	250.0	168.5	67.4
p1 Cal 7-500ng	7	✗	500.0	254.7	50.9
p1 Cal 8-1000ng	8	✗	1000.0	346.3	34.6

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

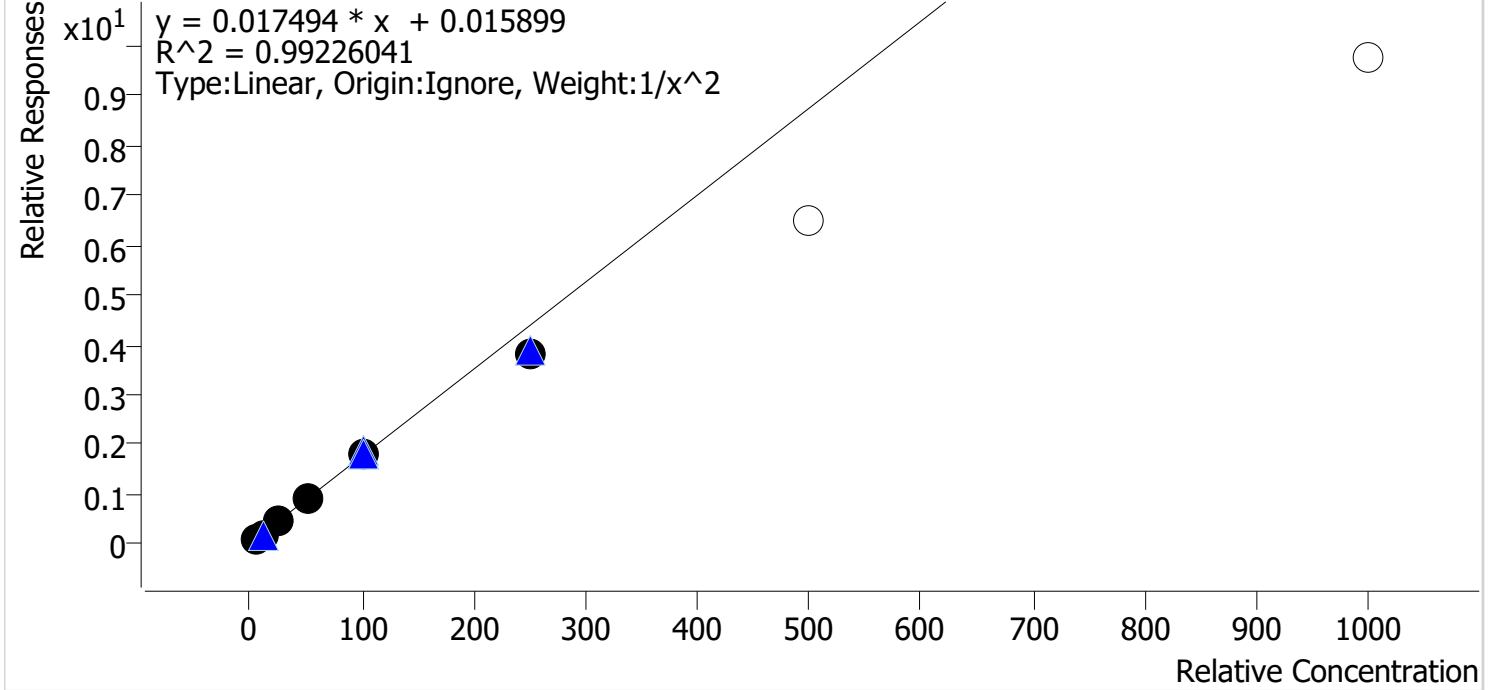
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	218.7	87.5
p1 Cal 7-500ng	7	x	500.0	370.5	74.1
p1 Cal 8-1000ng	8	x	1000.0	557.0	55.7

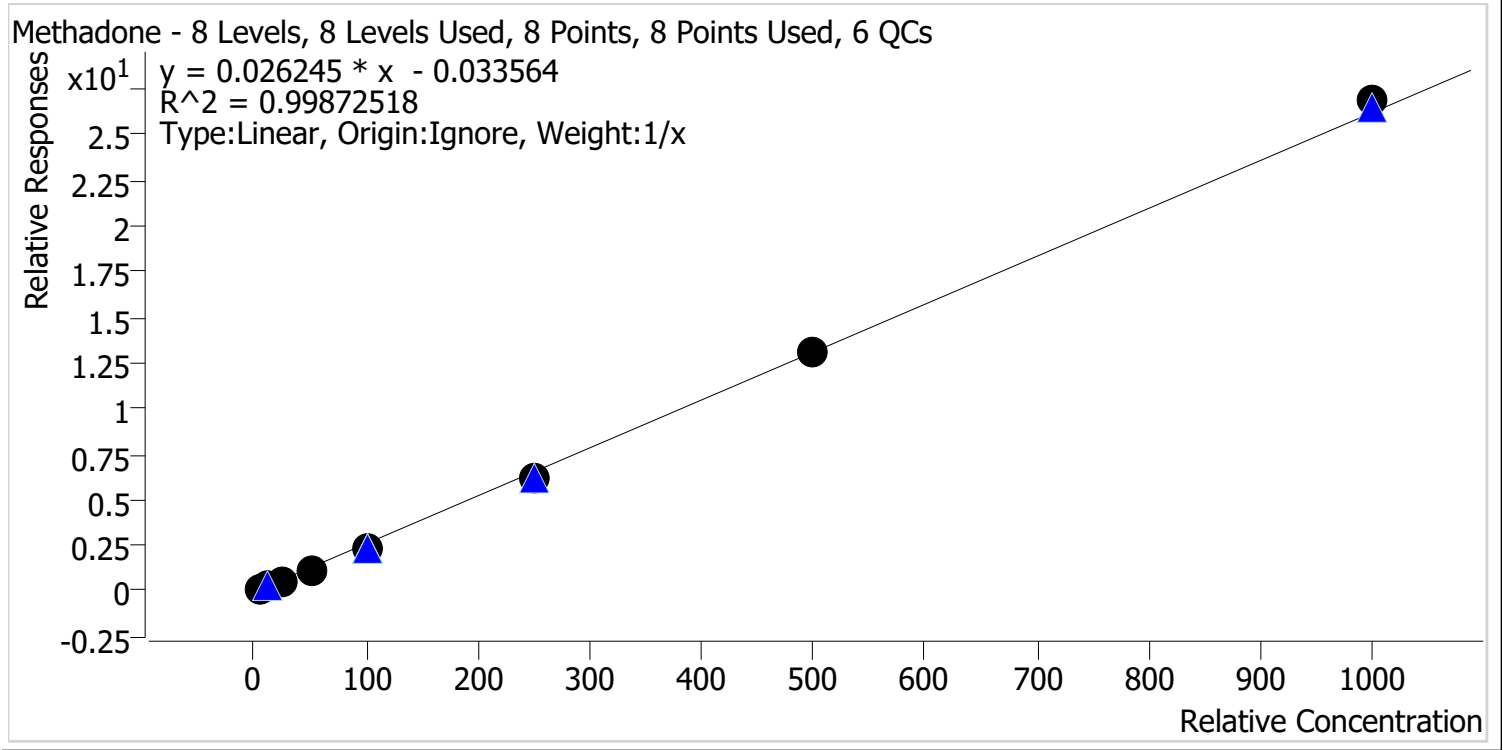
Calibrators 7 and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.0	119.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
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	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	237.0	94.8
p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1025.1	102.5

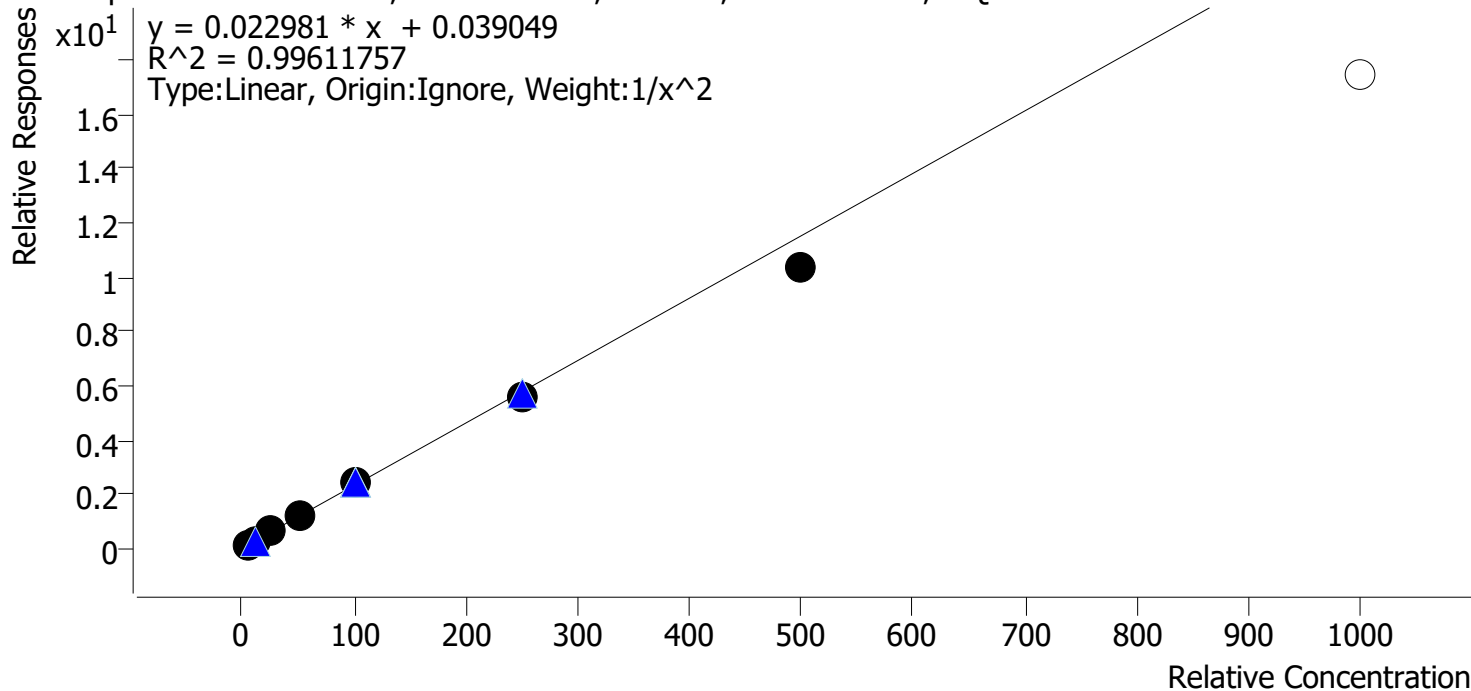
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 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	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	451.2	90.2
p1 Cal 8-1000ng	8	✗	1000.0	759.6	76.0

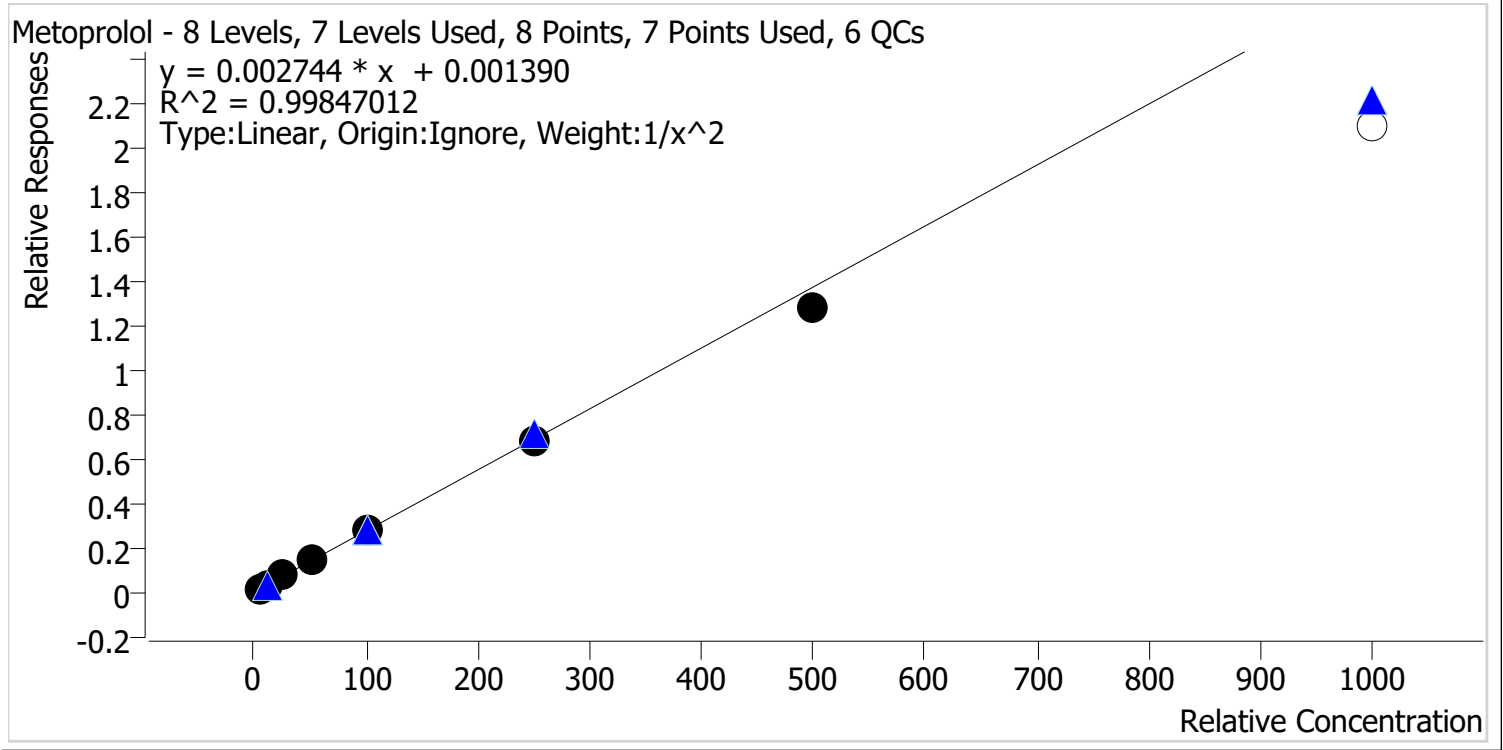
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	467.1	93.4
p1 Cal 8-1000ng	8	✗	1000.0	762.3	76.2

Calibrator 8 dropped due to accuracy.

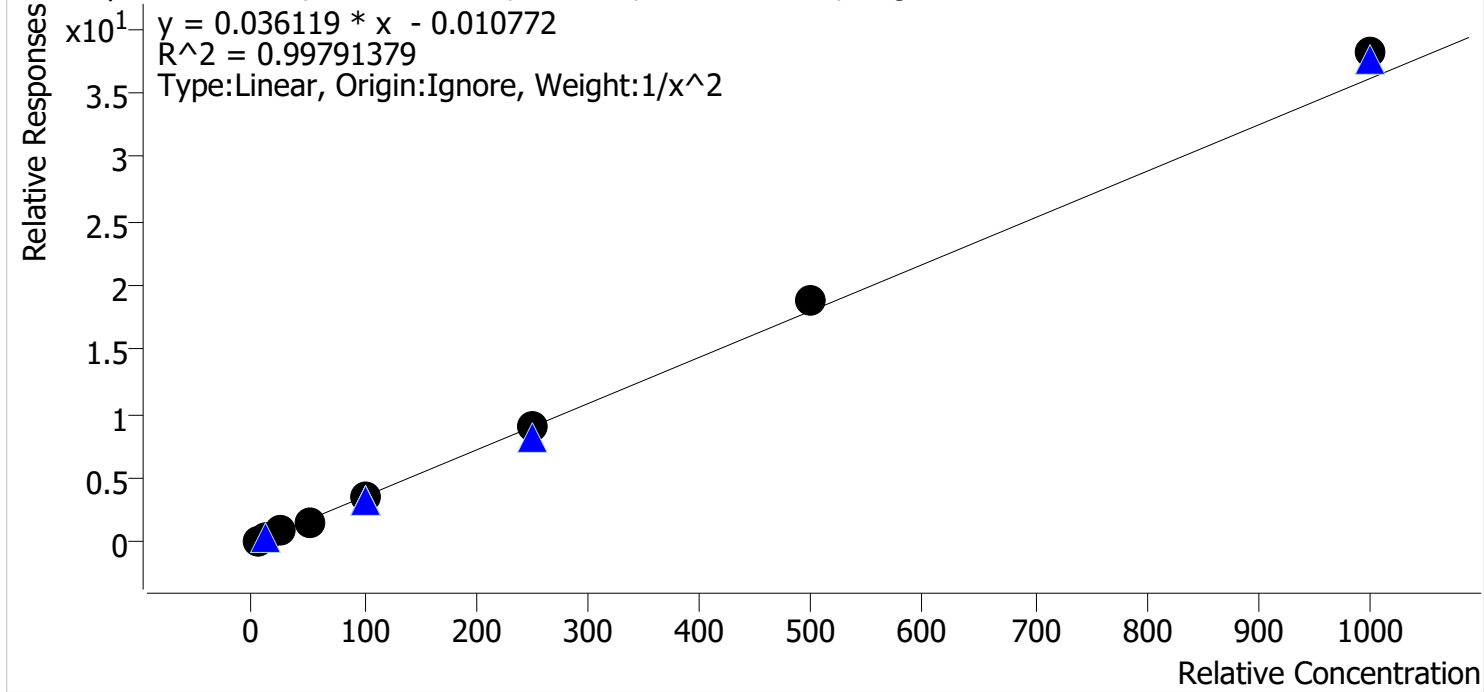
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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



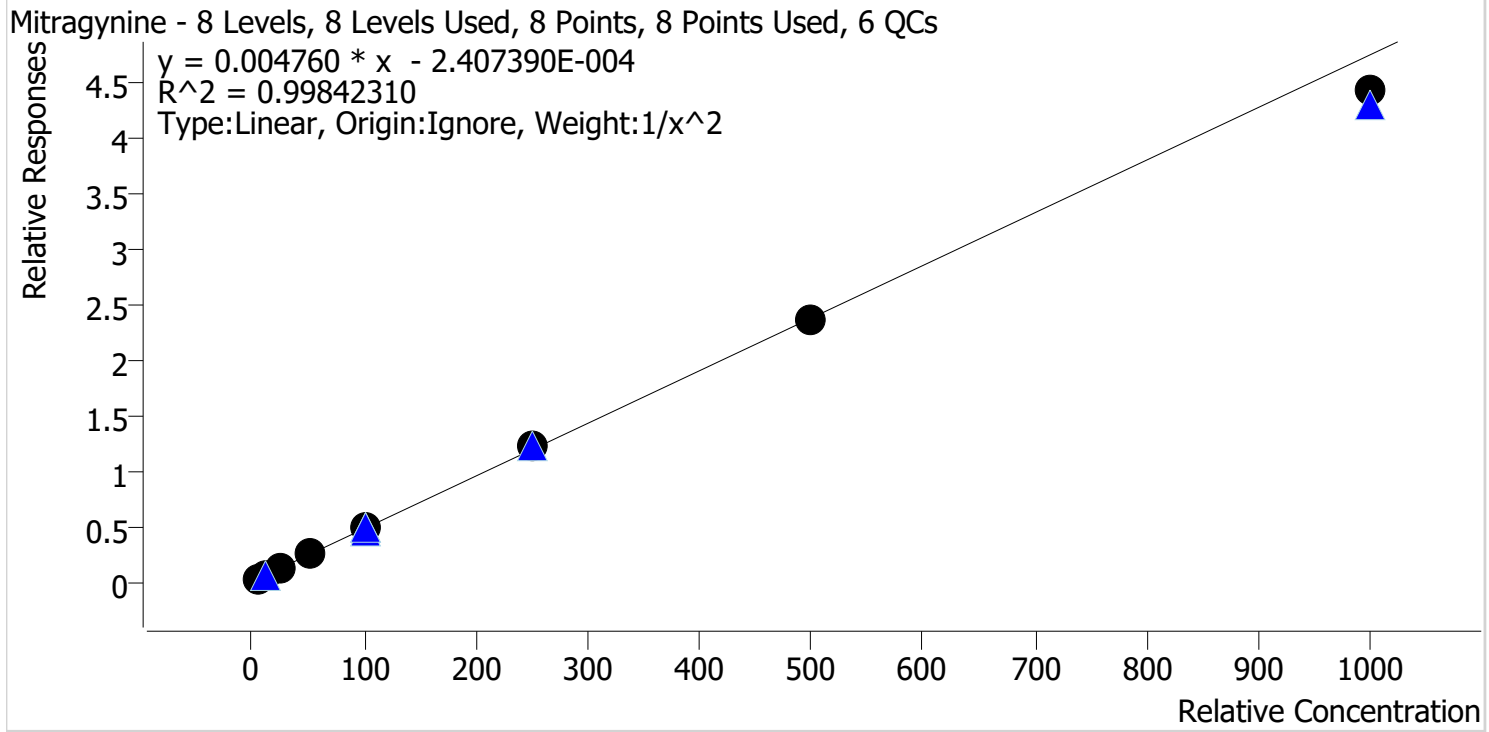
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.5	94.9
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	525.8	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1055.8	105.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



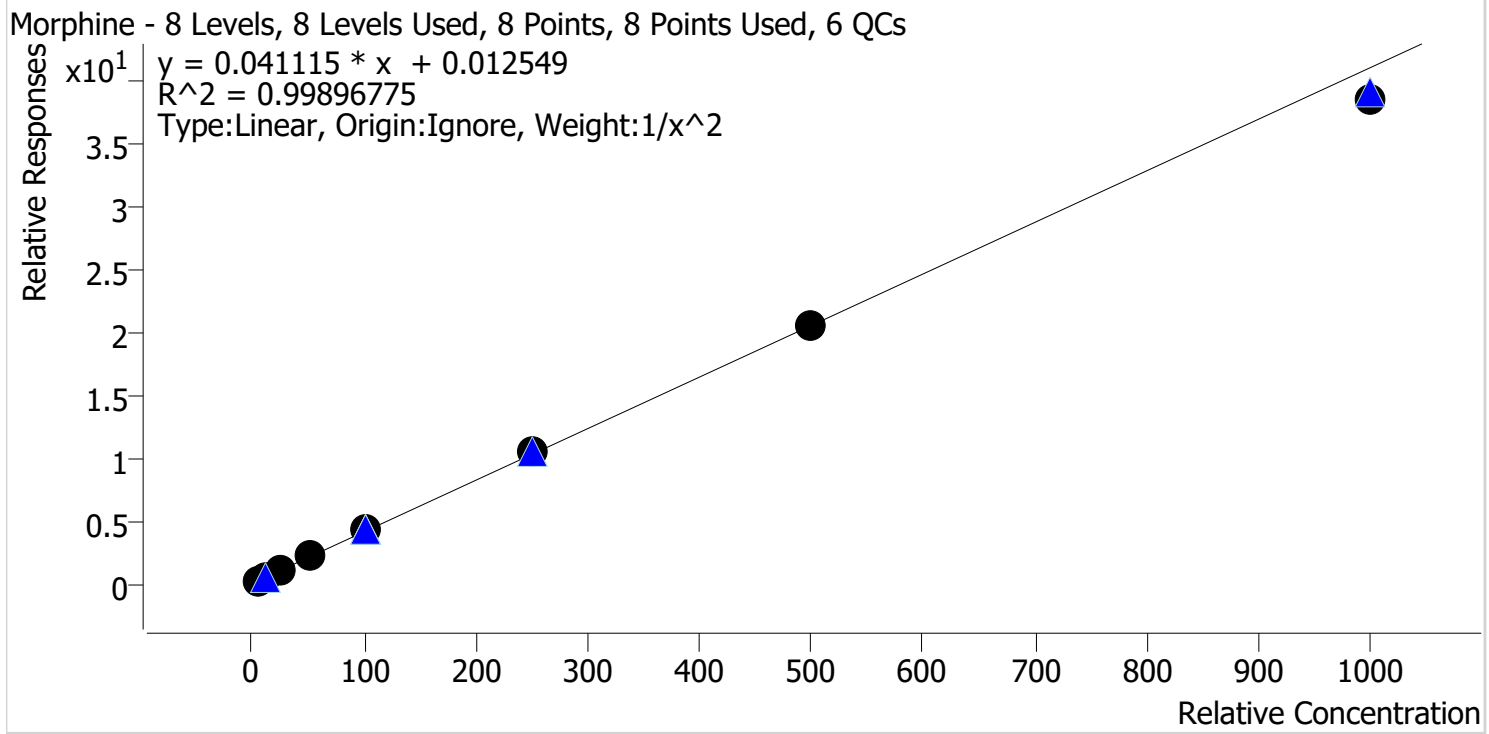
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	254.9	101.9
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	932.0	93.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng	8	✓	1000.0	939.5	94.0

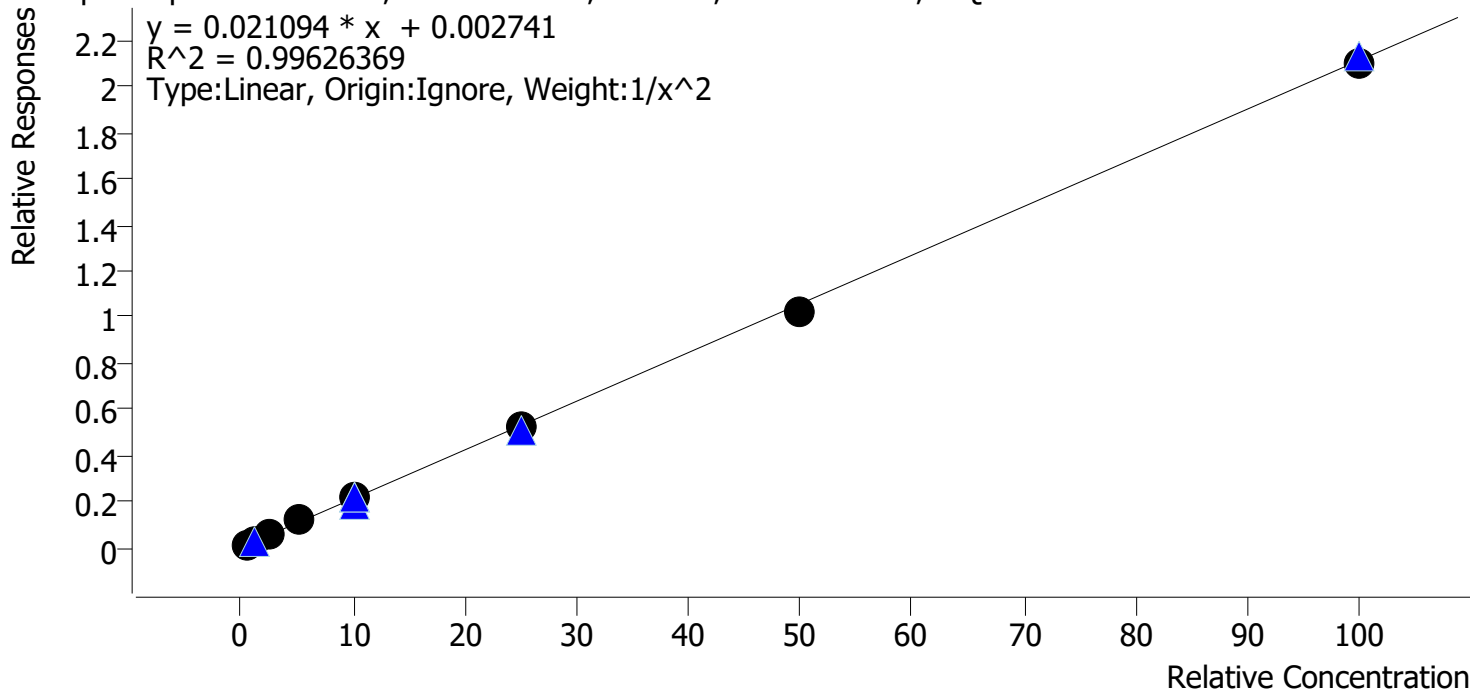
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



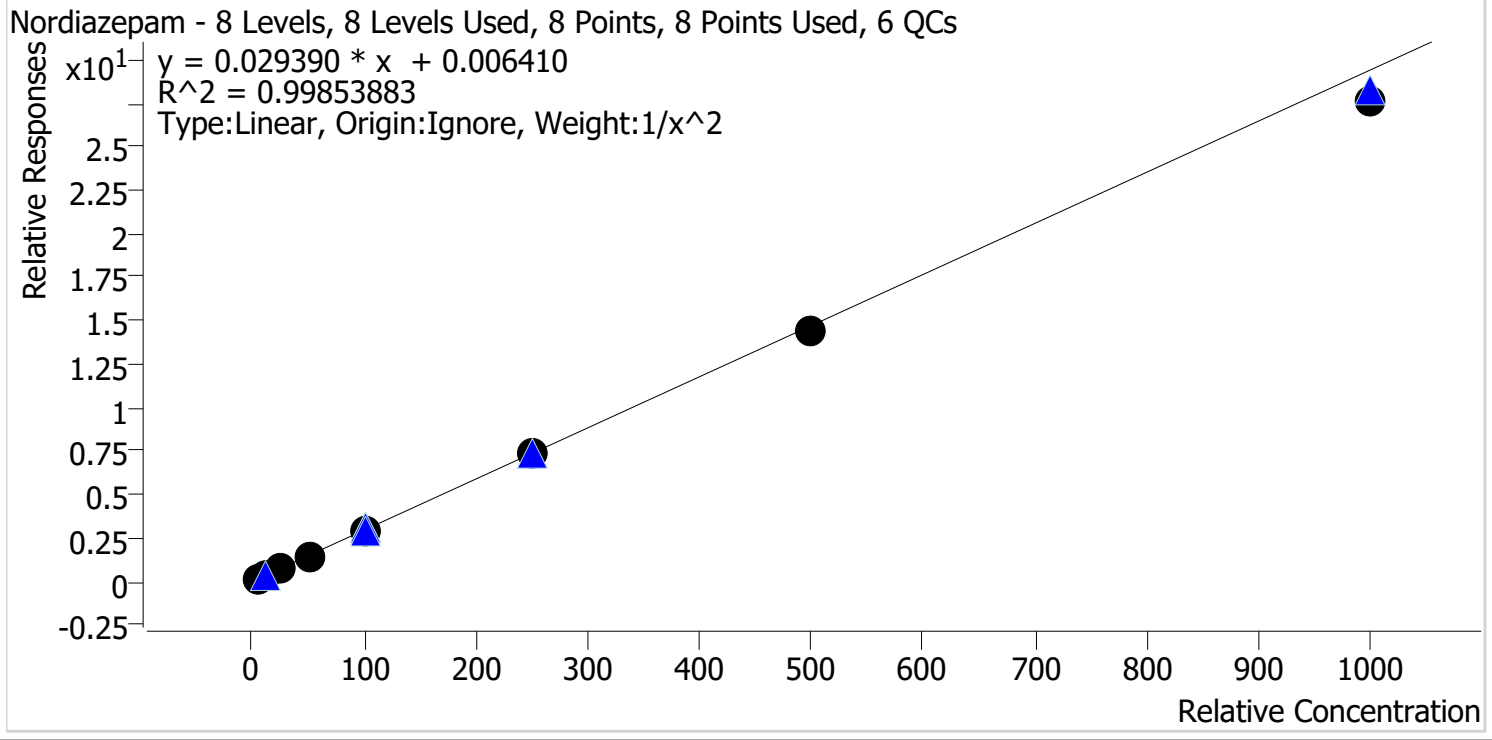
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.9
p1 Cal 2-10ng	2	✓	1.0	0.9	93.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.5
p1 Cal 4-50ng	4	✓	5.0	5.5	109.6
p1 Cal 5-100ng	5	✓	10.0	10.5	104.7
p1 Cal 6-250ng	6	✓	25.0	24.4	97.8
p1 Cal 7-500ng	7	✓	50.0	48.2	96.4
p1 Cal 8-1000ng	8	✓	100.0	99.4	99.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



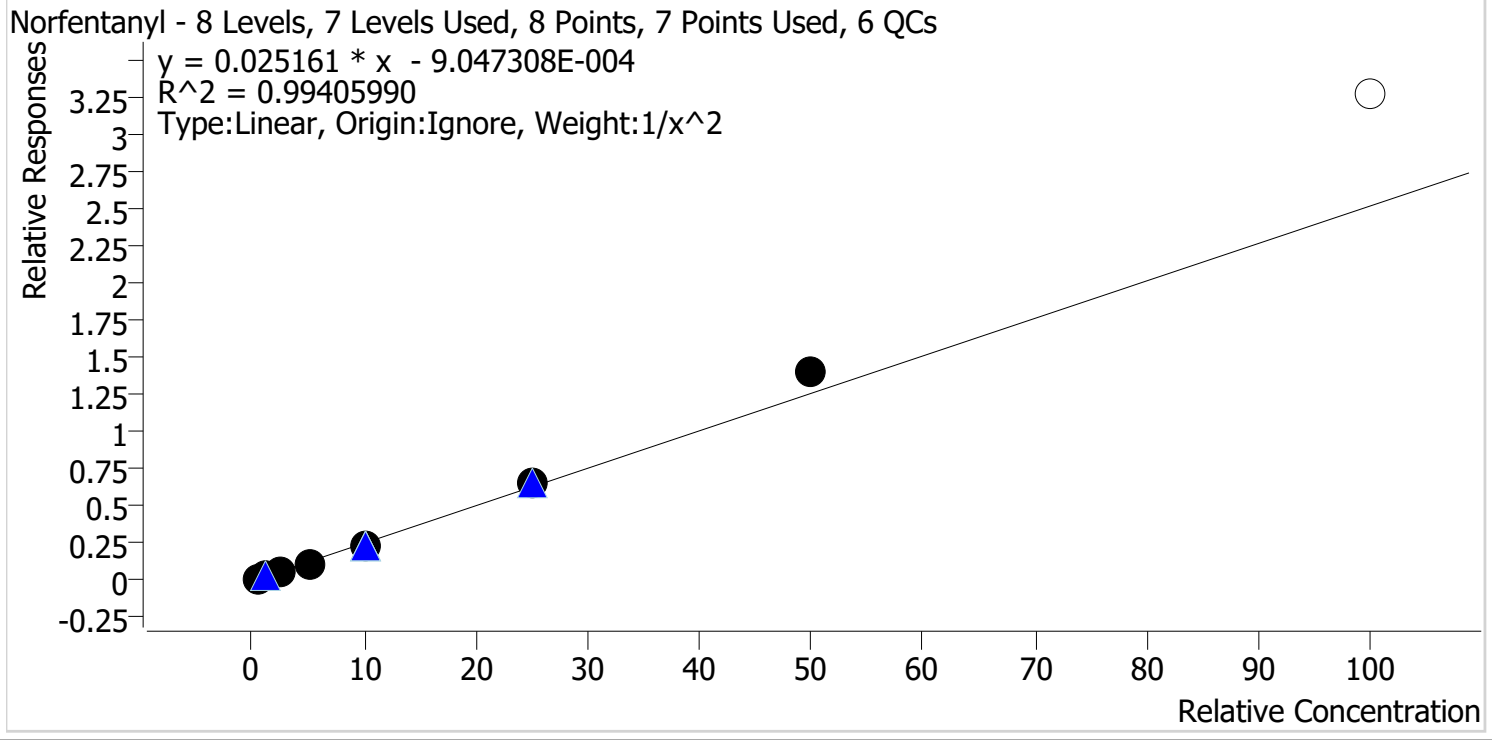
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	939.7	94.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	97.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.2
p1 Cal 4-50ng	4	✓	5.0	4.8	95.2
p1 Cal 5-100ng	5	✓	10.0	9.5	94.8
p1 Cal 6-250ng	6	✓	25.0	25.8	103.3
p1 Cal 7-500ng	7	✓	50.0	56.0	112.1
p1 Cal 8-1000ng	8	✗	100.0	130.4	130.4

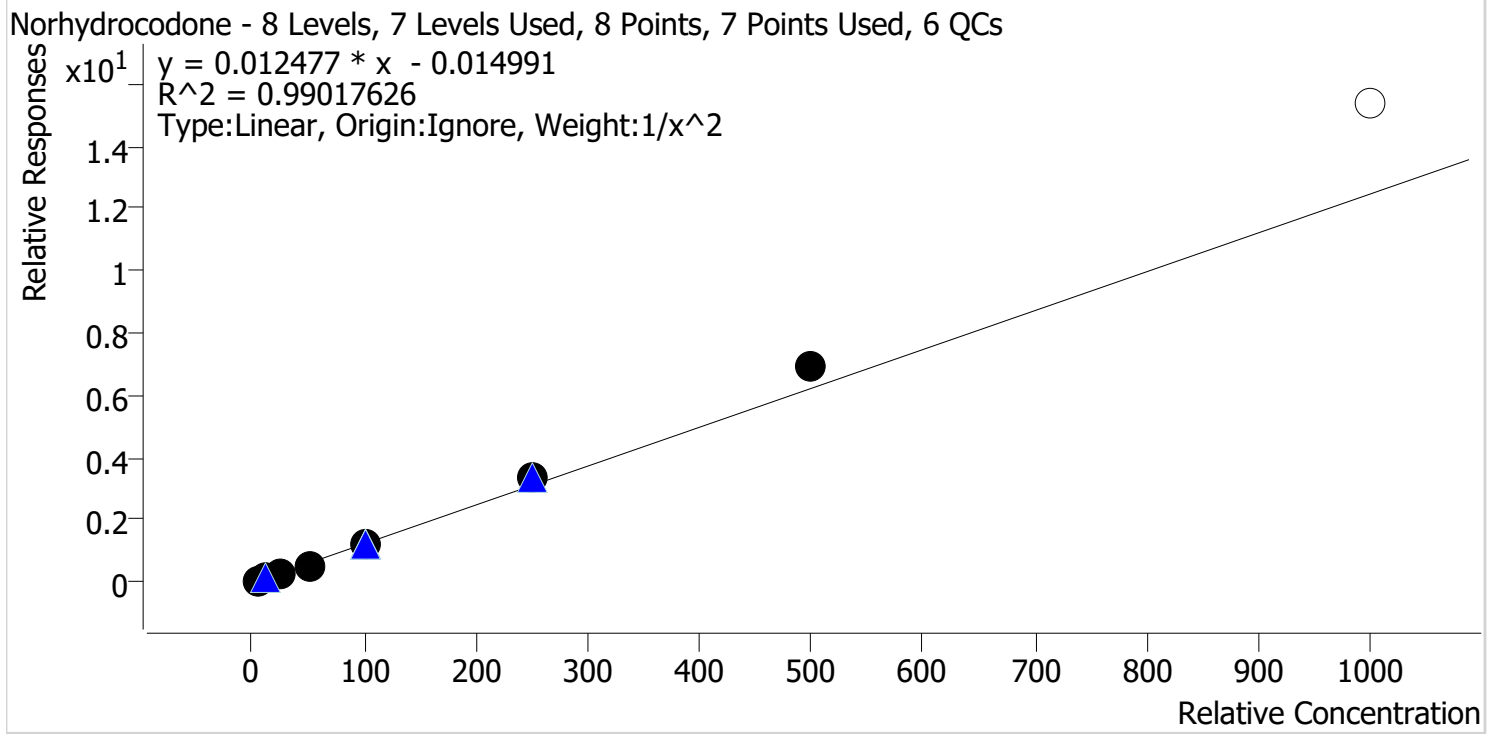
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.4
p1 Cal 4-50ng	4	✓	50.0	45.5	91.0
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	272.1	108.8
p1 Cal 7-500ng	7	✓	500.0	559.3	111.9
p1 Cal 8-1000ng	8	✗	1000.0	1236.0	123.6

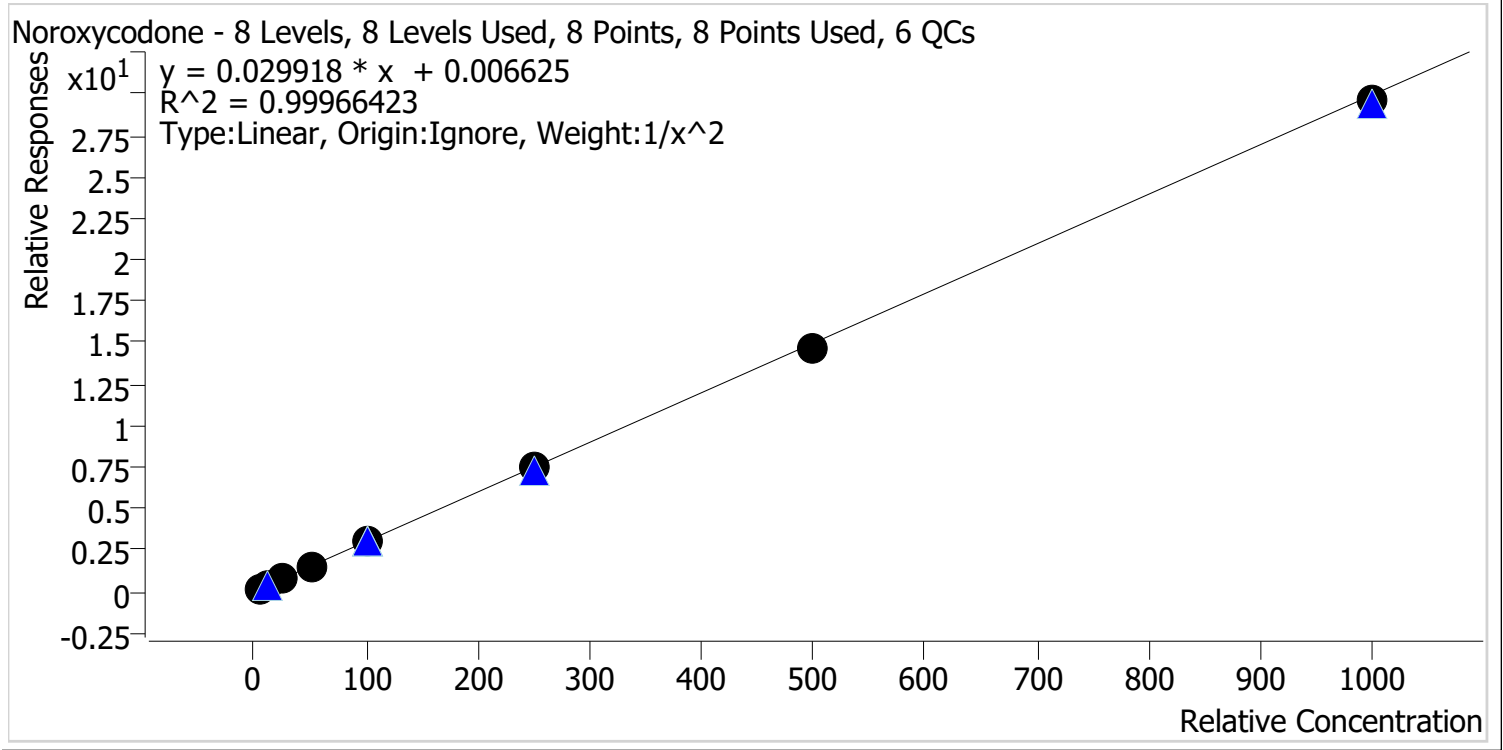
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



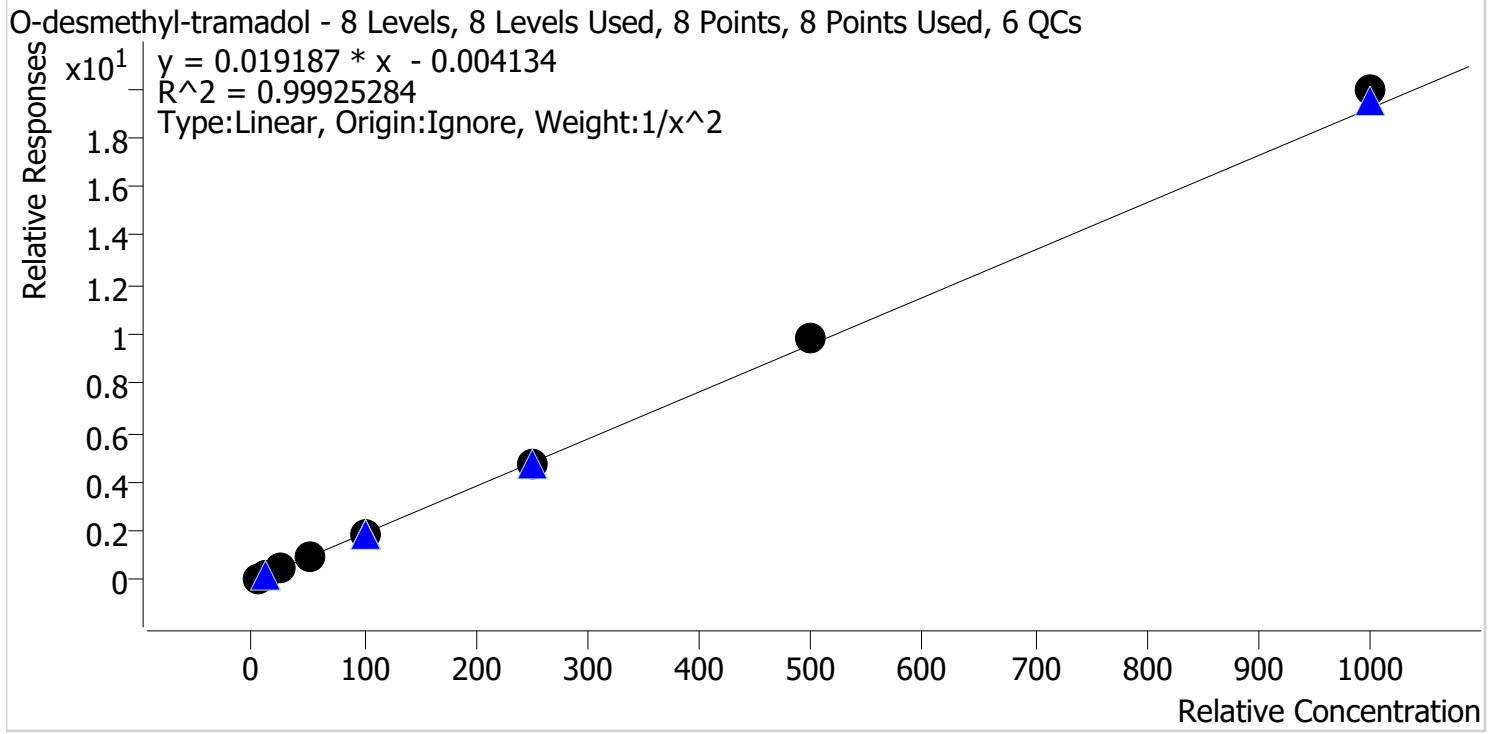
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	488.5	97.7
p1 Cal 8-1000ng	8	✓	1000.0	988.8	98.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



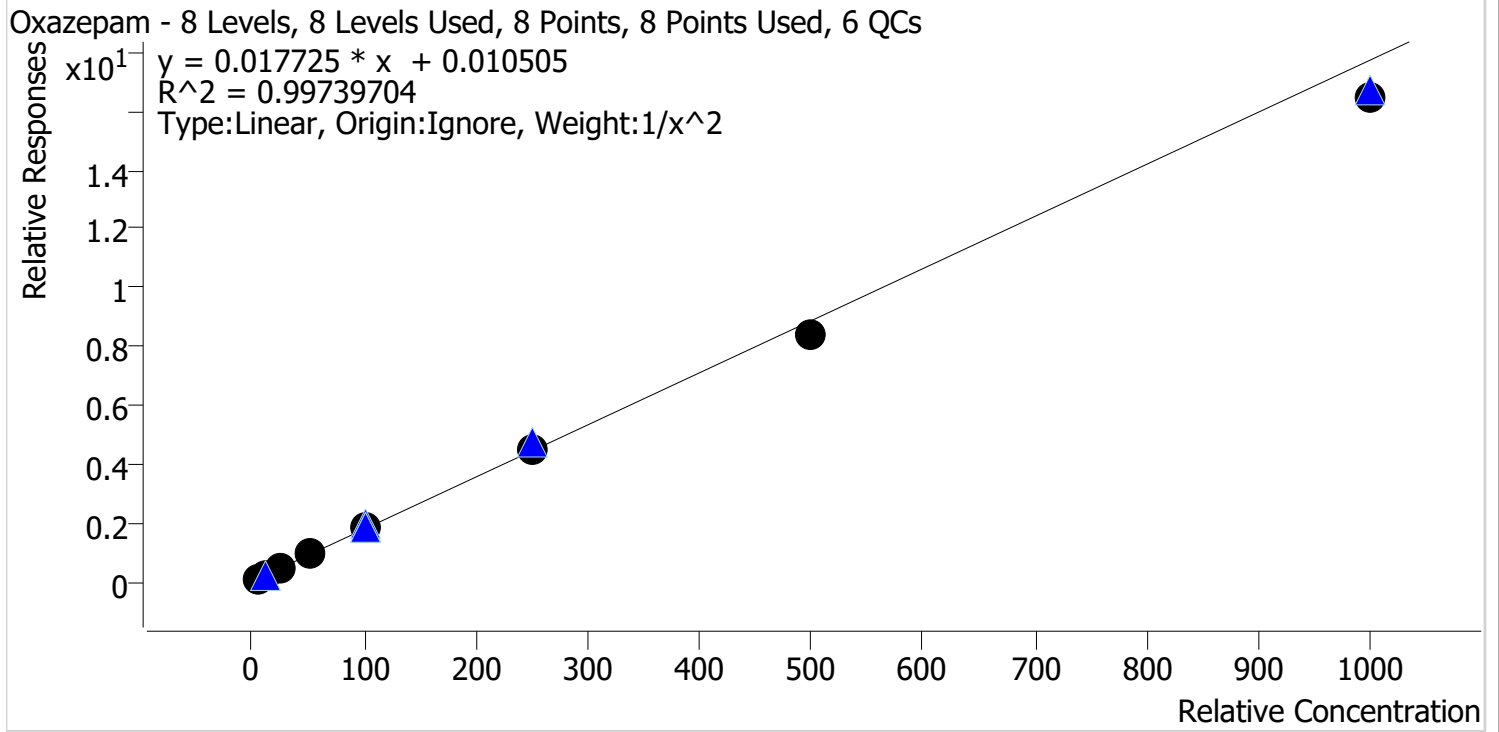
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	248.6	99.5
p1 Cal 7-500ng	7	✓	500.0	513.7	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1038.3	103.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	473.7	94.7
p1 Cal 8-1000ng	8	✓	1000.0	928.3	92.8

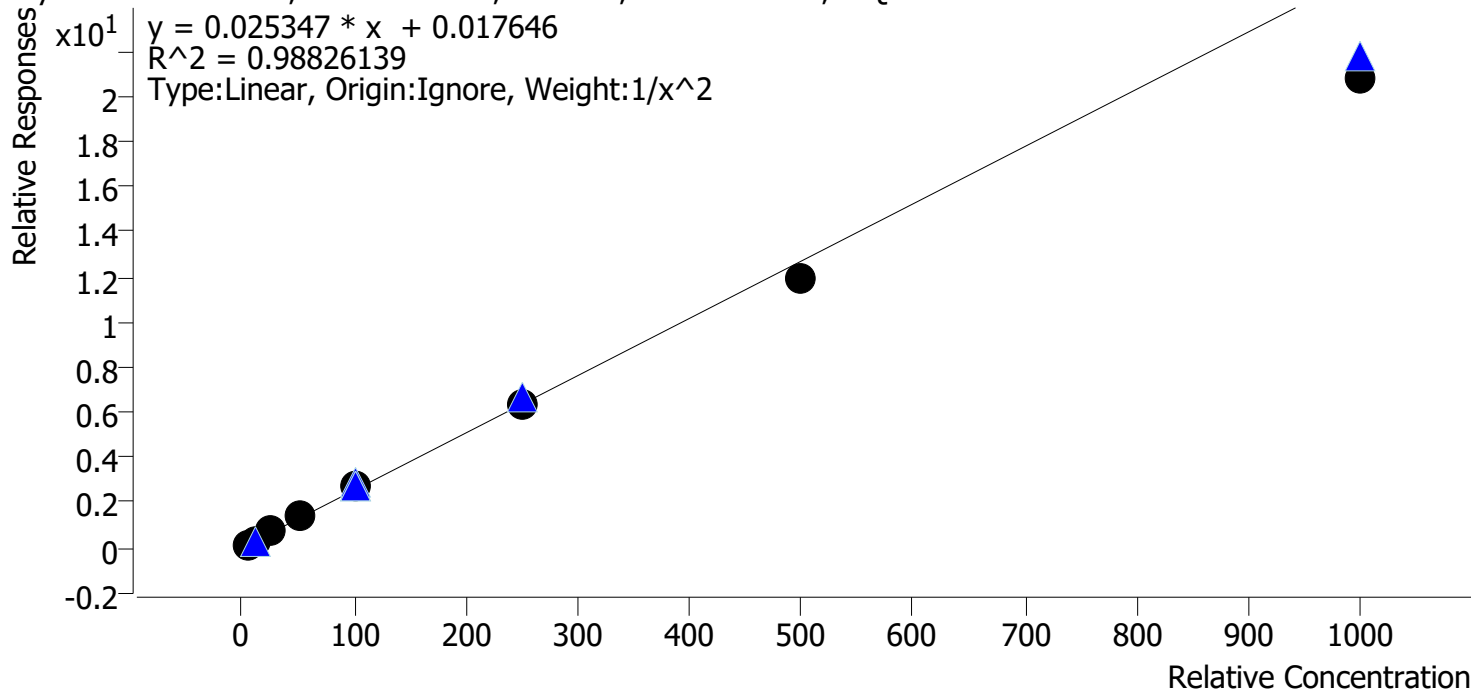
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	470.6	94.1
p1 Cal 8-1000ng	8	✓	1000.0	818.5	81.8

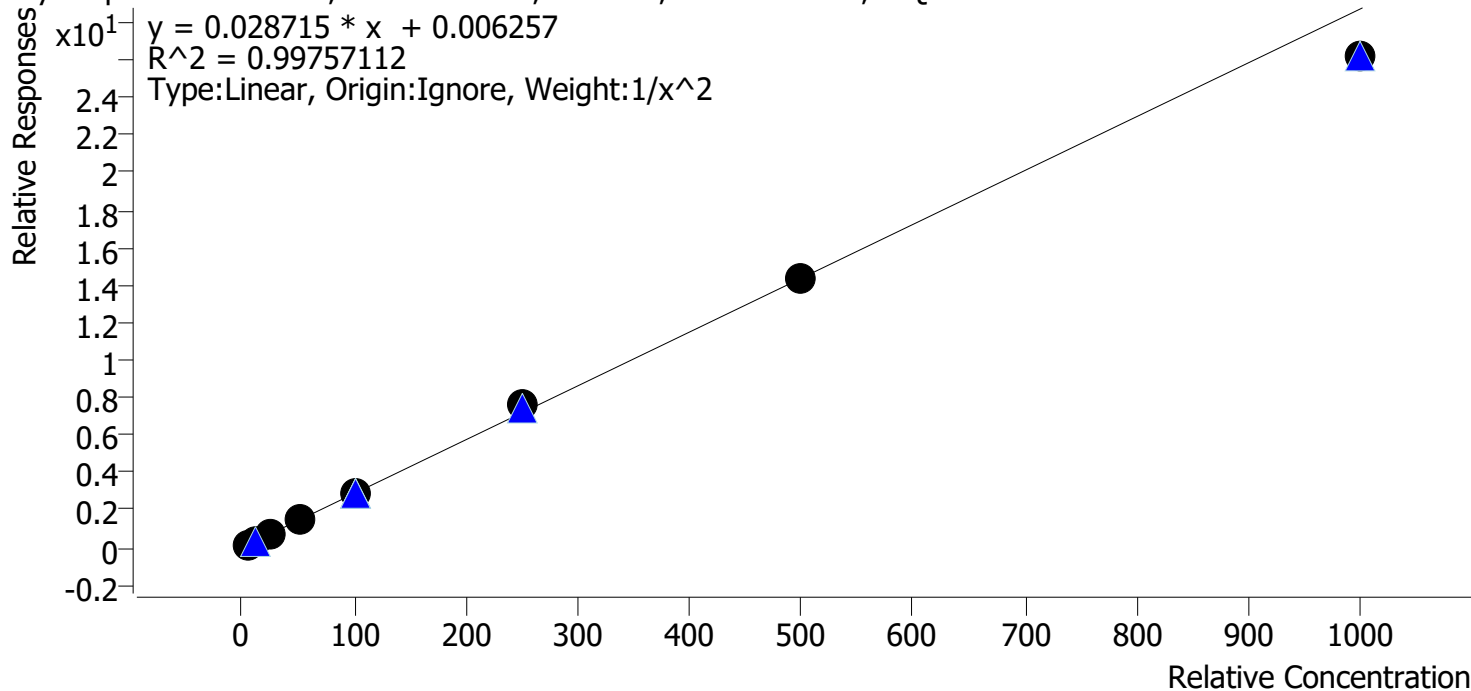
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



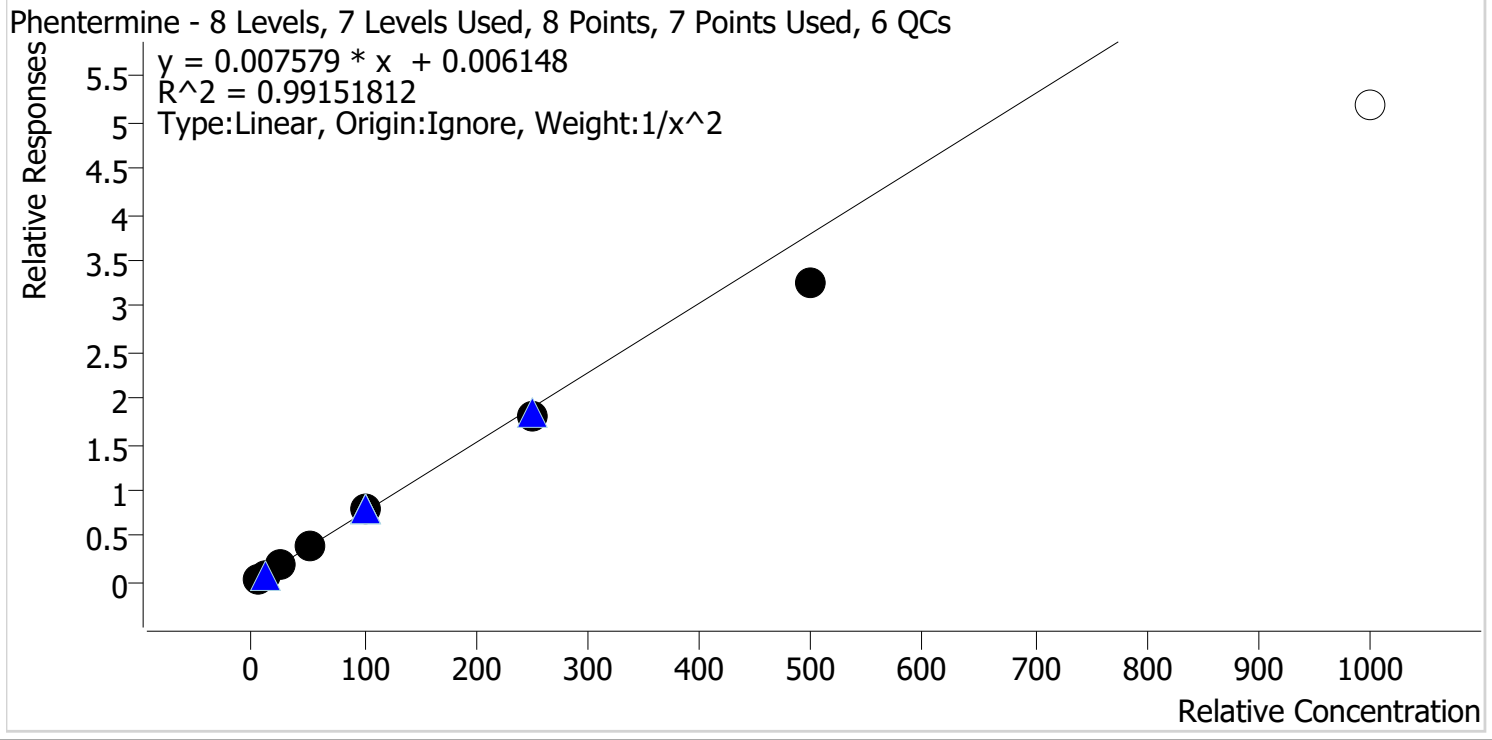
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	266.1	106.4
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	910.4	91.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	238.7	95.5
p1 Cal 7-500ng	7	✓	500.0	430.9	86.2
p1 Cal 8-1000ng	8	✗	1000.0	684.8	68.5

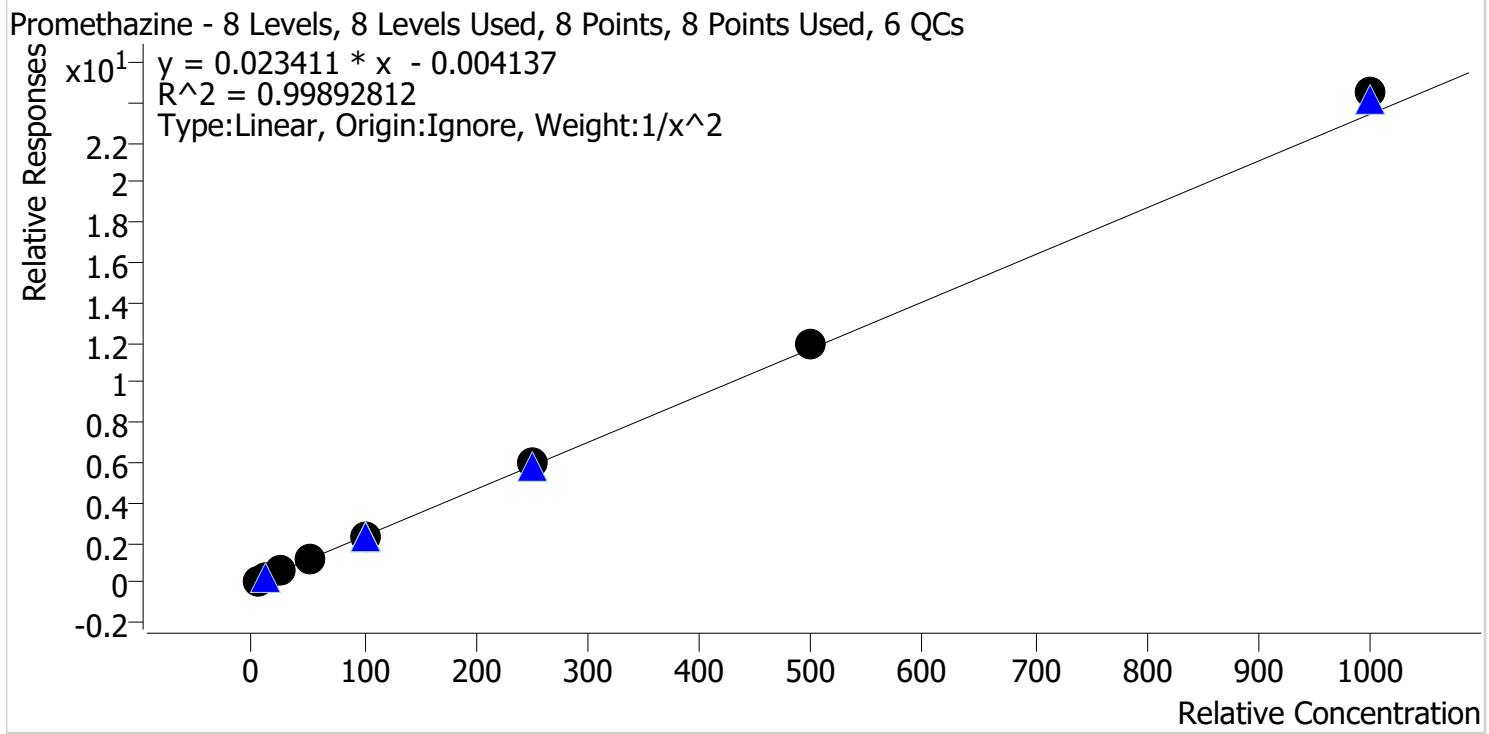
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/10/2022 3:40 PM
 Analyst Name ISP\Datastor
 Analyte Promethazine Internal Standard Promethazine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	511.2	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1046.1	104.6

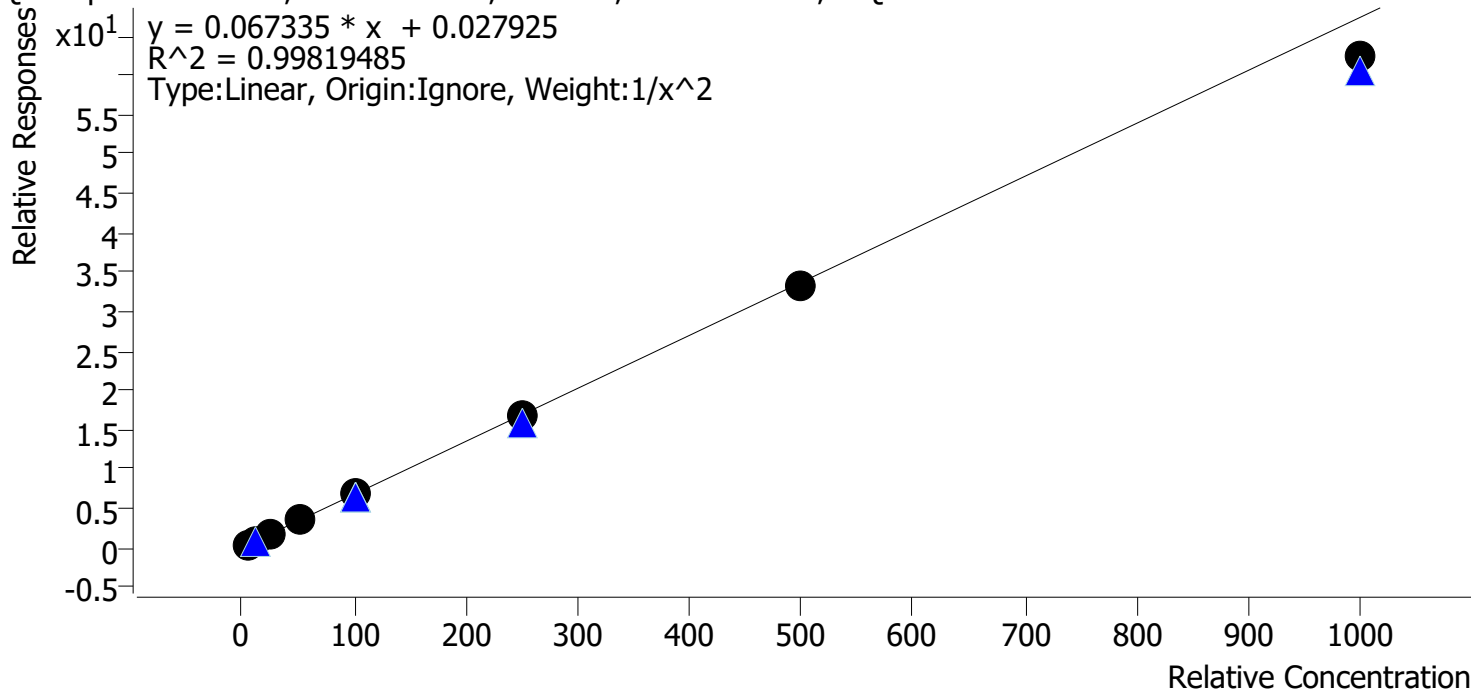
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



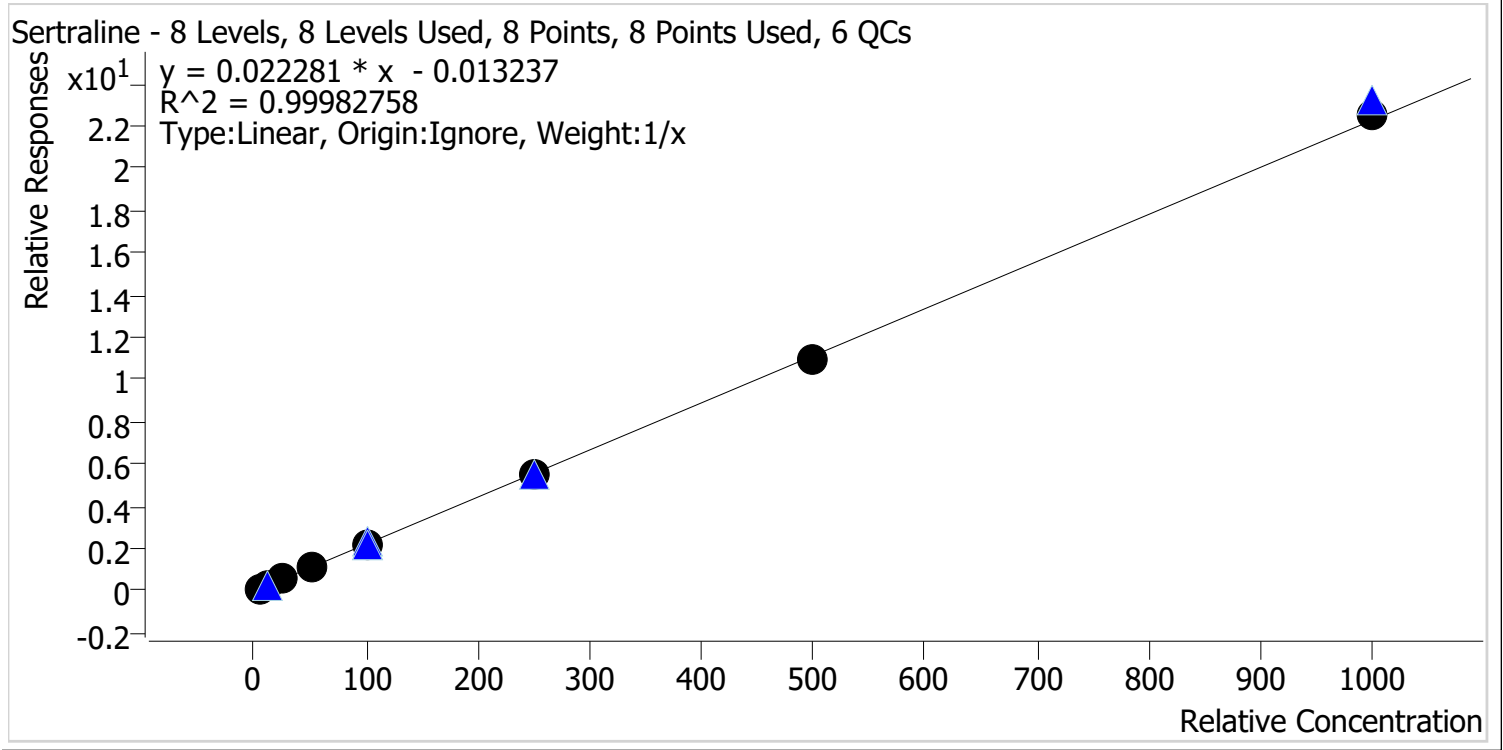
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	492.1	98.4
p1 Cal 8-1000ng	8	✓	1000.0	925.9	92.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



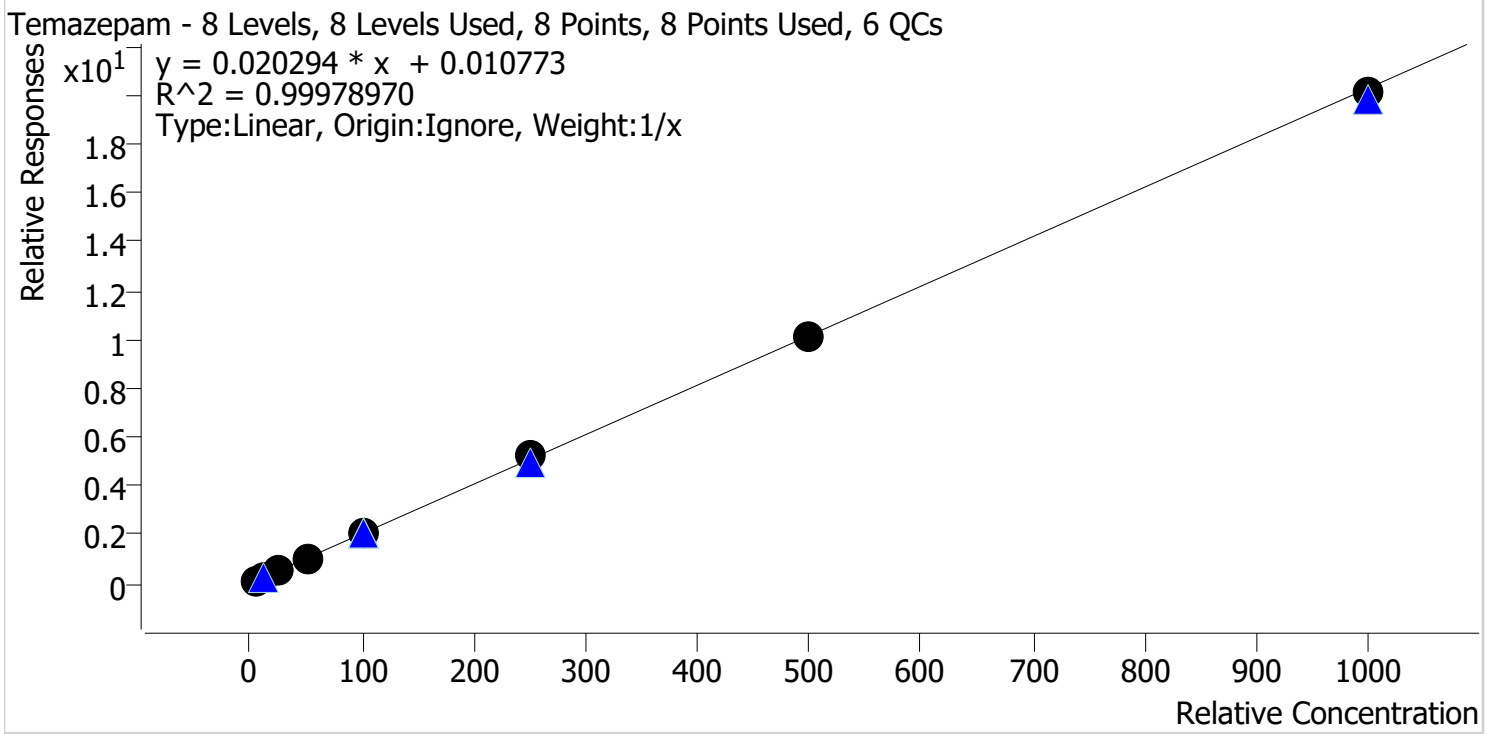
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1009.1	100.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



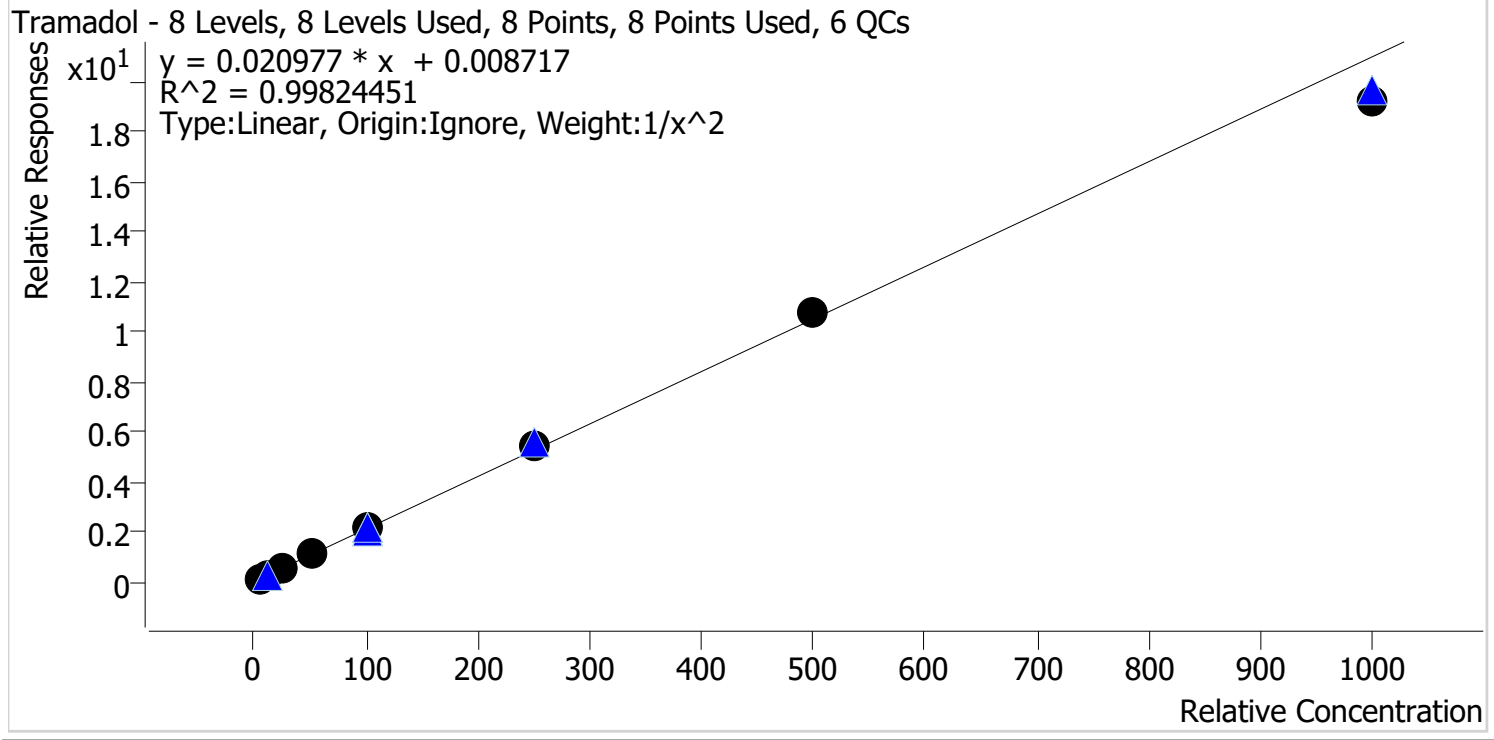
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	256.1	102.5
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	991.1	99.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	509.6	101.9
p1 Cal 8-1000ng	8	✓	1000.0	914.5	91.5

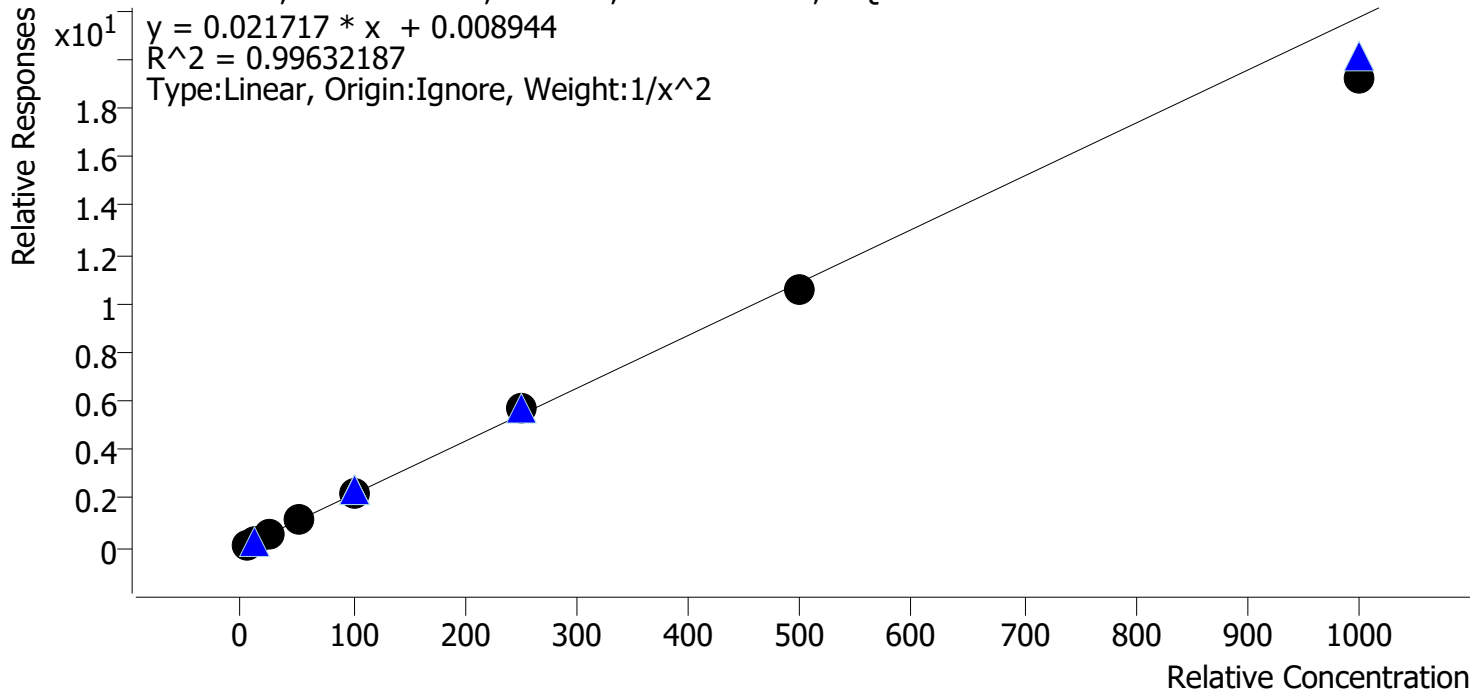
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	259.5	103.8
p1 Cal 7-500ng	7	✓	500.0	486.0	97.2
p1 Cal 8-1000ng	8	✓	1000.0	888.2	88.8

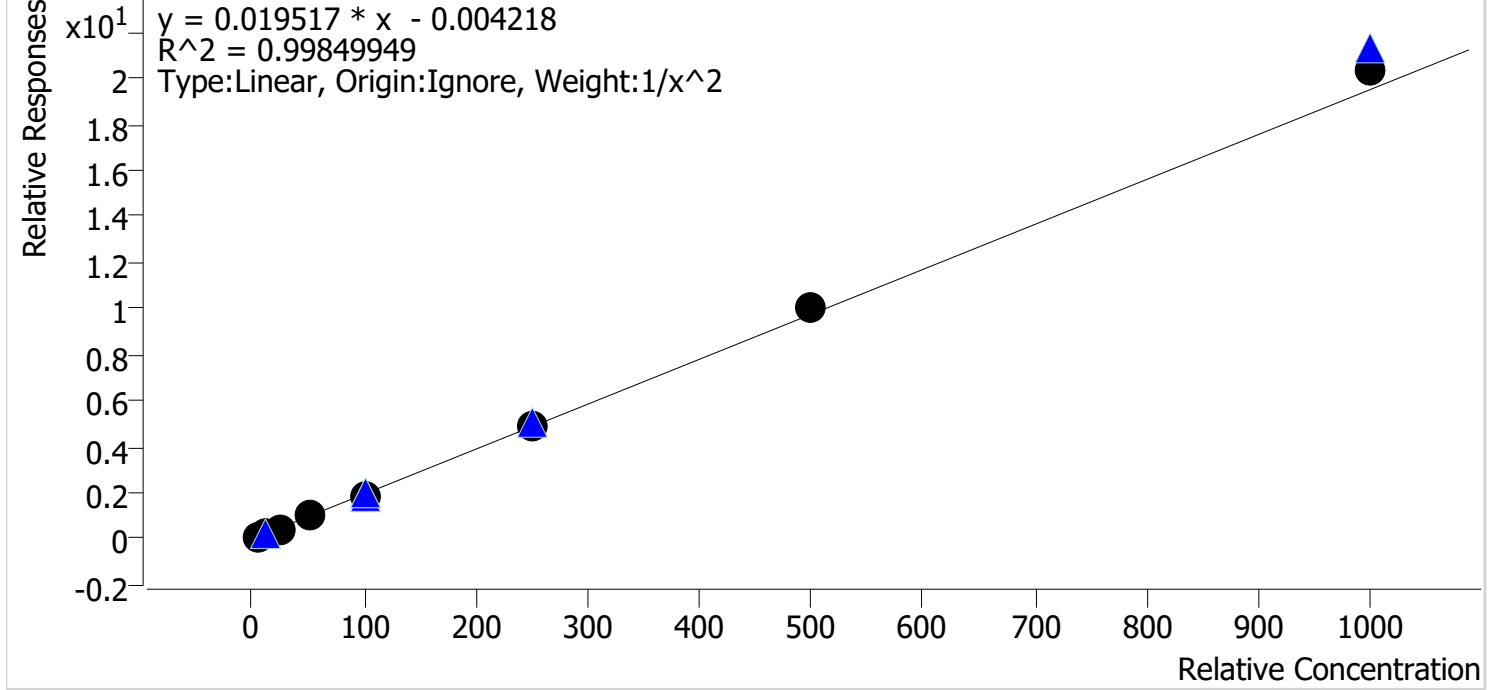
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

Venlafaxine - 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	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	516.2	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1047.2	104.7

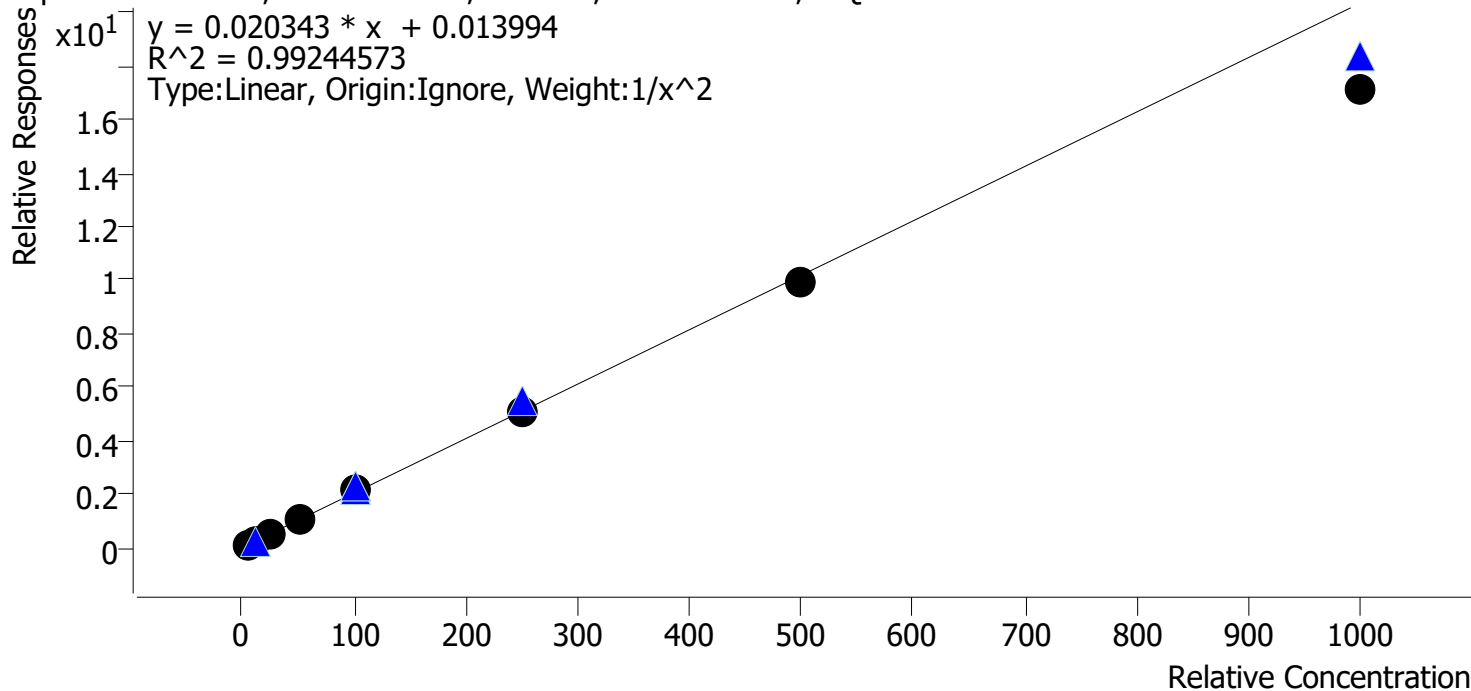
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2022 3:40 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	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	840.5	84.0

TS

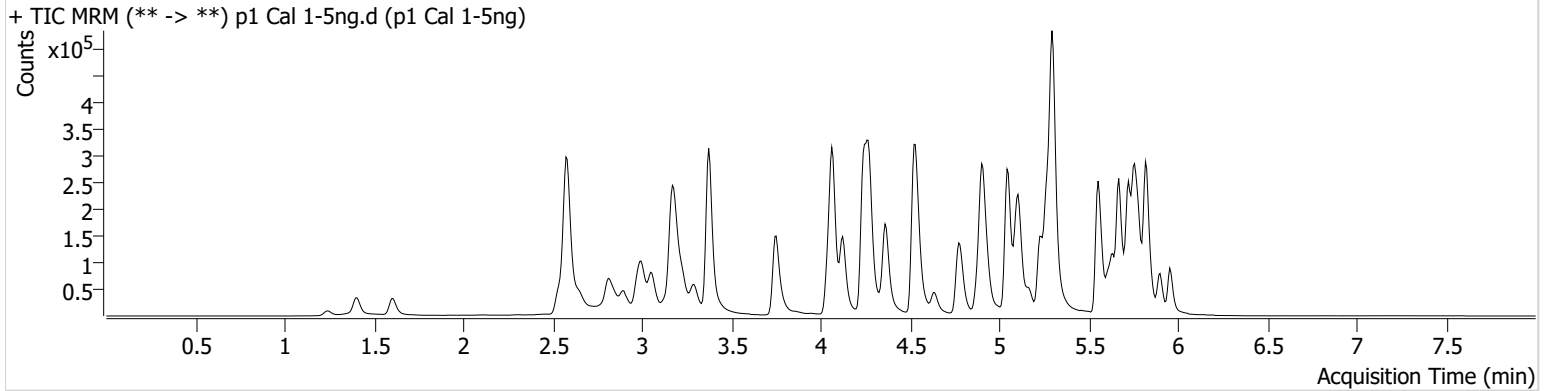


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 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	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 5:50:34 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	753	108.52	71.1	1591.16	37607	0.4903 ng/ml
7-aminoclonazepam	4.263	9879	66.29	73.6	1397.02	70551	4.8502 ng/ml
a-hydroxyalprazolam	5.699	9771	93.20	59.6	114.97	193410	4.9181 ng/ml
alpha-PHP	4.936	12673	213.21	263.8	713.07	364075	4.8792 ng/ml
alpha-PVP	4.368	47688	250.32	52.3	888.55	364075	5.0627 ng/ml
Alprazolam	5.782	26322	297.08	111.2	645.39	193410	5.1375 ng/ml
Amphetamine	3.058	85845	334.79	48.6	490.36	203972	4.7444 ng/ml
Benzoylcegonine	3.884	796	14.60	8.9	∞	5336	4.8318 ng/ml
Buprenorphine	5.860	1022	87.13	12.9	102.73	61727	0.5170 ng/ml
Bupropion	4.794	46772	3330.45	65.4	60.91	328028	4.9714 ng/ml
Carisoprodol	5.731	29656	533.91	53.8	143.98	264012	5.8541 ng/ml
Citalopram	5.225	33904	630.51	38.2	174.14	300363	5.0586 ng/ml
Clonazepam	5.612	28932	406.19	36.0	1498.04	77093	4.8800 ng/ml
Clonazepam	5.556	19825	1535.64	35.6	11237.79	77093	4.7378 ng/ml
Cocaine	4.269	31458	113936.58	56.9	102.98	516020	5.0162 ng/ml
Codeine	2.587	4151	353.13	111.2	197.76	41264	4.9469 ng/ml
Cyclobenzaprine	5.635	20120	255.80	7.9	11.83	165596	5.1492 ng/ml
Dextromethorphan	5.275	19753	7095.90	80.8	17834.50	159945	5.0095 ng/ml
Dextrophan	4.123	13636	21609.35	199.8	492.63	272979	5.0941 ng/ml
Diazepam	5.960	15567	847.55	90.1	107.26	141781	4.9792 ng/ml
Dihydrocodeine	2.566	10830	145.76	55.0	829.44	119253	4.8774 ng/ml
Diphenhydramine	5.302	89552	3508.36	32.4	165.75	1046627	5.1081 ng/ml
Doxylamine	4.542	95085	6793.05	100.5	650.25	813145	5.0195 ng/ml
EDDP	5.267	30706	1538.09	42.7	983.00	328806	5.0517 ng/ml
Etizolam	5.820	13655	36908.64	23.3	6740.28	77093	5.1635 ng/ml
Fentanyl	5.109	2820	80.27	60.1	8273.69	274059	0.5135 ng/ml
Flualprazolam	5.712	11359	846.18	91.5	957.40	193410	4.9267 ng/ml
Fluoxetine	5.721	16403	3245.90	7.6	497.50	129170	5.1726 ng/ml
Hydrocodone	3.027	17364	75.11	32.4	45.59	182824	4.9046 ng/ml
Hydromorphone	1.615	13957	362.02	69.4	383.24	82662	5.0512 ng/ml
Ketamine	4.056	34303	342.82	37.3	85.24	281379	4.9487 ng/ml
Lamotrigine	4.285	3032	397.57	85.2	2106.50	281379	4.7884 ng/ml
Levetiracetam	2.651	16857	375.12	155.9	131.56	791545	5.1014 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	26709	1234.06	54.4	∞	77093	4.4766 ng/ml
MDA	3.199	56240	332.79	30.6	164.82	295193	4.7502 ng/ml
MDMA	3.299	30696	22256.22	96.0	451.59	69246	5.0799 ng/ml
Meprobamate	4.903	17115	3556.69	28.4	36.83	170721	4.8218 ng/ml
Methadone	5.666	53078	2163.50	50.3	398.63	429114	5.9918 ng/ml
Methamphetamine	3.227	76988	247.44	38.7	296.29	505939	4.9222 ng/ml
Metoprolol	4.331	9663	16851.93	83.8	427.06	648723	4.9212 ng/ml
Mirtazapine	4.636	63103	1860.14	47.6	613.15	364075	5.0970 ng/ml
Mitragynine	5.243	10037	1460.63	36.5	444.51	429114	4.9649 ng/ml
Morphine	1.247	2374	218.84	31.2	1588.33	10886	4.9983 ng/ml
Norbuprenorphine	4.998	167	104.74	115.1	130.05	12265	0.5143 ng/ml
Nordiazepam	5.907	16938	399.32	59.6	178.77	112662	4.8973 ng/ml
Norfentanyl	4.090	7679	636.19	34.6	153.37	637290	0.5149 ng/ml
Norhydrocodone	3.075	2652	75.58	33.0	27.56	53274	5.1914 ng/ml
Noroxycodone	2.918	16637	220.22	47.3	244.10	108116	4.9220 ng/ml
O-desmethyl-tramadol	3.379	68332	2923.24	6.6	67.97	735481	5.0577 ng/ml
Oxazepam	5.756	35307	164.98	66.3	198.91	364258	4.8757 ng/ml
Oxycodone	2.843	31011	14.86	30.1	268.19	222146	4.8112 ng/ml
Oxymorphone	1.405	14317	55.81	45.9	260.41	95502	5.0031 ng/ml
Phentermine	3.787	18262	181.80	5.7	19.90	426969	4.8324 ng/ml
Promethazine	5.552	41801	2374.84	28.7	297.90	364879	5.0703 ng/ml
Pseudoephedrine	2.590	81947	370.53	17.6	188.17	791545	5.1399 ng/ml
Quetiapine	5.569	48845	133469.59	56.5	143.17	135601	4.9349 ng/ml
Sertraline	5.796	4042	86.98	102.4	131.72	38482	5.3080 ng/ml
Temazepam	5.824	51499	157.32	26.6	43.32	478641	4.7710 ng/ml
Tramadol	4.251	73350	766.86	3.7	43.35	648723	4.9745 ng/ml
Trazodone	5.162	39558	6726.21	80.9	28567.39	341627	4.9202 ng/ml
Venlafaxine	5.050	59005	458.00	37.9	245.47	617560	5.1116 ng/ml
Zolpidem	4.927	71268	626.48	31.4	156.33	633711	4.8403 ng/ml

AM #28 Multi-Drug Quant. Results

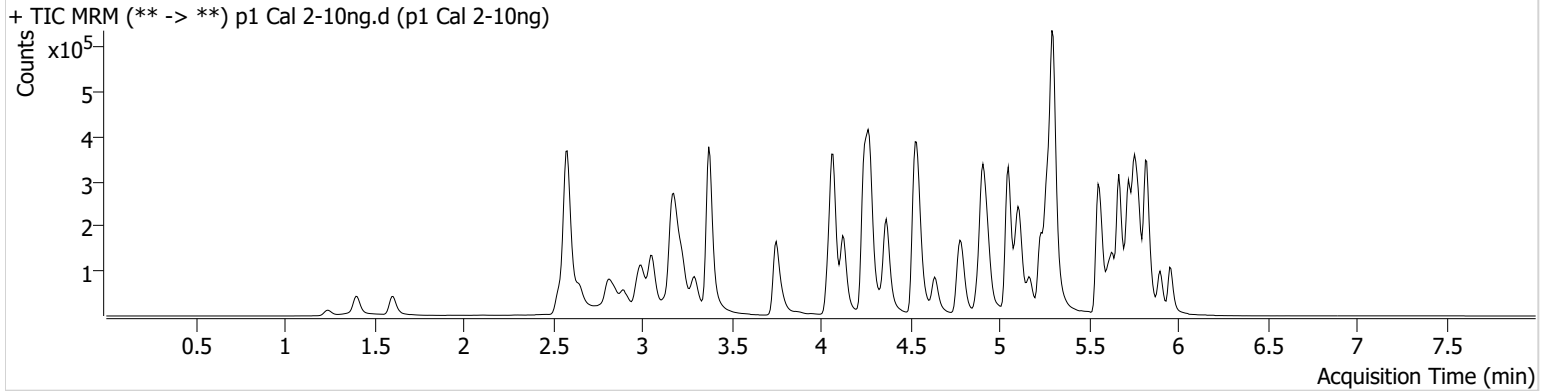
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Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 6:01:21 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	1741	519.66	70.3	120.46	42098	1.0416 ng/ml
7-aminoclonazepam	4.270	22863	25017.58	72.7	77.85	82454	10.2015 ng/ml
a-hydroxyalprazolam	5.699	20028	163.72	67.9	343.60	218354	9.9942 ng/ml
alpha-PHP	4.943	26933	631.91	268.2	1969.95	394874	10.0448 ng/ml
alpha-PVP	4.375	102532	365.14	51.2	2533.35	394874	9.8724 ng/ml
Alprazolam	5.782	56290	493.68	116.2	1910.70	218354	9.6204 ng/ml
Amphetamine	3.058	186519	2616.09	48.0	2521.66	221671	10.5022 ng/ml
Benzoylcegonine	3.884	1741	33.82	6.8	26.58	5945	9.5161 ng/ml
Buprenorphine	5.867	2026	1908.44	16.0	809.21	64285	0.9600 ng/ml
Bupropion	4.794	102392	291.13	64.8	931.81	360574	9.9995 ng/ml
Carisoprodol	5.731	65200	264418.92	55.3	404.75	289704	10.3578 ng/ml
Citalopram	5.232	71023	235.01	38.1	272.76	317954	9.8887 ng/ml
Clonazepam	5.612	63249	2740.51	36.3	490.96	87016	10.1264 ng/ml
Clonazepam	5.556	43717	53705.42	35.5	19051.23	87016	10.3472 ng/ml
Cocaine	4.276	69197	12094.31	56.6	10033.83	571815	9.9699 ng/ml
Codeine	2.587	8603	23457.31	113.5	30340.34	47963	9.6037 ng/ml
Cyclobenzaprine	5.635	39091	42745.82	8.4	43.03	160323	9.6798 ng/ml
Dextromethorphan	5.275	41329	107585.98	79.5	95.19	169578	10.0429 ng/ml
Dextrophan	4.130	28594	3386.86	199.6	419.83	296657	9.8027 ng/ml
Diazepam	5.960	33129	253.89	89.1	219.64	152784	10.0296 ng/ml
Dihydrocodeine	2.566	23946	210.25	60.2	245.77	137022	10.1567 ng/ml
Diphenhydramine	5.302	191228	392.10	31.9	4142.82	1126592	9.8062 ng/ml
Doxylamine	4.548	202559	23713.13	100.3	555.48	887638	9.9423 ng/ml
EDDP	5.267	73848	764.10	42.8	998.11	387525	9.9567 ng/ml
Etizolam	5.820	29421	1158.36	24.5	10733.03	87016	9.6244 ng/ml
Fentanyl	5.109	5523	2295.93	67.6	568.58	291786	0.9589 ng/ml
Flualprazolam	5.712	24387	2030.67	98.7	916.93	218354	9.9535 ng/ml
Fluoxetine	5.728	28138	1457.06	8.0	90.82	113014	9.6225 ng/ml
Hydrocodone	3.027	37824	316.40	34.7	42.87	208535	10.0792 ng/ml
Hydromorphone	1.608	30470	257.90	69.6	942.12	92554	9.8323 ng/ml
Ketamine	4.063	73019	398.82	38.8	295.43	310168	10.0722 ng/ml
Lamotrigine	4.285	6777	475.71	85.9	316.26	310168	10.5369 ng/ml
Levetiracetam	2.651	35994	797.67	153.5	255.86	928731	9.9061 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	58686	2770.36	50.1	215.81	87016	10.0531 ng/ml
MDA	3.205	117658	1018.30	30.3	337.59	323278	10.3133 ng/ml
MDMA	3.299	65691	64187.34	97.1	1227.06	76696	9.7632 ng/ml
Meprobamate	4.903	37315	2716.17	27.8	129.74	189169	10.3671 ng/ml
Methadone	5.666	107002	10270.42	52.7	330.69	463661	10.0721 ng/ml
Methamphetamine	3.227	149818	380.79	39.0	201.10	556576	10.0137 ng/ml
Metoprolol	4.338	21349	1216.70	84.4	596.60	726772	10.1975 ng/ml
Mirtazapine	4.636	136528	15507.11	47.8	840.12	394874	9.8709 ng/ml
Mitragynine	5.243	22031	18955.82	37.7	2014.83	463661	10.0335 ng/ml
Morphine	1.247	5215	209.78	28.9	151.94	12445	9.8861 ng/ml
Norbuprenorphine	5.005	297	20.36	115.1	755.60	13178	0.9388 ng/ml
Nordiazepam	5.907	36868	573.27	58.2	23291.83	120782	10.1679 ng/ml
Norfentanyl	4.090	16834	472.69	32.1	46.07	712538	0.9749 ng/ml
Norhydrocodone	3.075	6238	307.64	35.8	39.09	58295	9.7775 ng/ml
Noroxycodone	2.918	36682	442.18	47.4	284.16	117101	10.2490 ng/ml
O-desmethyl-tramadol	3.379	154449	595.05	6.4	301.65	829083	9.9247 ng/ml
Oxazepam	5.763	72859	902.42	73.4	498.49	376544	10.3238 ng/ml
Oxycodone	2.843	68319	635.40	30.0	416.97	248801	10.1371 ng/ml
Oxymorphone	1.405	31095	148.47	46.5	555.53	107014	9.9013 ng/ml
Phentermine	3.787	39331	92.79	6.1	44.72	470188	10.2265 ng/ml
Promethazine	5.552	80981	1261.78	29.5	326.41	356287	9.8855 ng/ml
Pseudoephedrine	2.590	183824	2768.10	16.9	2695.60	928731	9.6871 ng/ml
Quetiapine	5.569	102017	4655.16	57.2	358398.85	144699	10.0558 ng/ml
Sertraline	5.796	6748	137.96	97.8	485.20	31206	10.2988 ng/ml
Temazepam	5.824	108915	413.41	27.2	103.24	518919	9.8116 ng/ml
Tramadol	4.257	158352	461.33	3.5	74.77	726772	9.9711 ng/ml
Trazodone	5.169	82772	487.83	78.0	214010.52	362782	10.0942 ng/ml
Venlafaxine	5.050	124640	422.76	38.3	374.37	666917	9.7919 ng/ml
Zolpidem	4.927	156330	1812.50	31.2	2526.87	707100	10.1799 ng/ml

AM #28 Multi-Drug Quant. Results

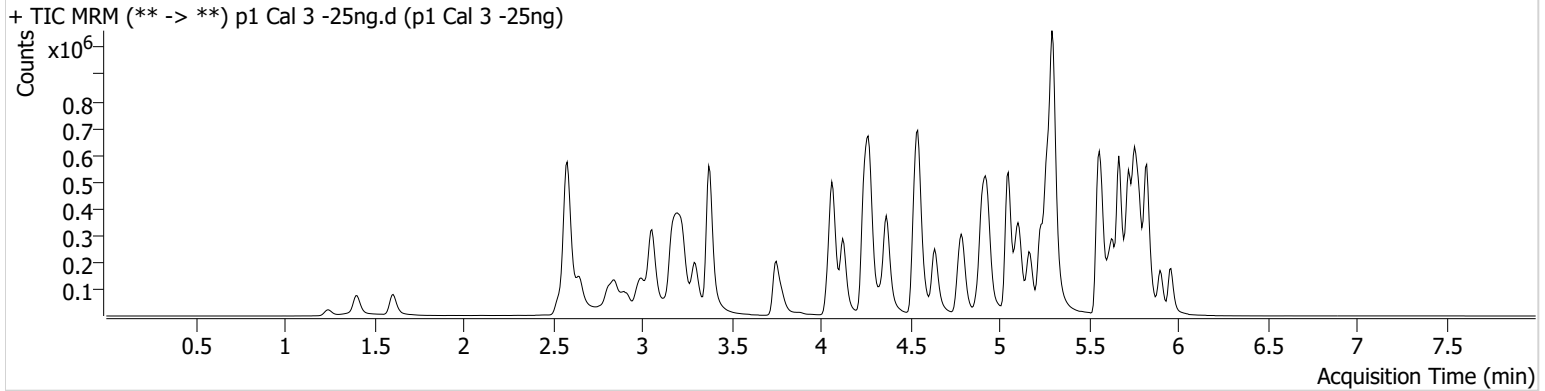
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Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 6:11:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	4800	2806.99	73.3	19948.69	48971	2.5063 ng/ml
7-aminoclonazepam	4.263	63047	235.65	78.9	1287.15	89271	26.9252 ng/ml
a-hydroxyalprazolam	5.699	56461	181.86	66.4	656.22	251750	26.3246 ng/ml
alpha-PHP	4.943	86899	1377.07	259.9	7072.58	491315	26.8520 ng/ml
alpha-PVP	4.375	318921	640.84	49.9	236.89	491315	24.4302 ng/ml
Alprazolam	5.782	162776	546.55	116.3	1122.80	251750	23.9417 ng/ml
Amphetamine	3.058	541101	4598.60	48.5	5273.36	266397	26.7910 ng/ml
Benzoylecgonine	3.884	5489	62.28	7.6	43.97	6917	25.8482 ng/ml
Buprenorphine	5.867	7072	1597.52	15.0	1336.58	87145	2.4292 ng/ml
Bupropion	4.794	319327	107281.41	64.9	258.55	444484	25.4502 ng/ml
Carisoprodol	5.731	179963	1008.80	53.5	331.58	316809	24.0608 ng/ml
Citalopram	5.232	229113	16546.19	38.5	502.87	415524	24.2265 ng/ml
Clonazepam	5.612	175025	2214.74	35.9	550.75	96169	26.4384 ng/ml
Clonazepam	5.556	123038	3639.15	36.6	78703.42	96169	28.1191 ng/ml
Cocaine	4.269	204086	295851.60	55.8	115970.47	679318	24.7703 ng/ml
Codeine	2.587	25710	106.58	110.4	1476.49	54458	26.9050 ng/ml
Cyclobenzaprine	5.635	154746	18892.17	8.6	172.33	247596	23.7969 ng/ml
Dextromethorphan	5.275	131010	249.11	82.9	2124.06	224015	24.3249 ng/ml
Dextrophan	4.130	88259	2719.66	200.7	10115.76	366644	24.4389 ng/ml
Diazepam	5.960	96140	2122.83	89.3	322.96	178477	25.2143 ng/ml
Dihydrocodeine	2.566	69576	1136.91	60.5	433.45	160734	26.3891 ng/ml
Diphenhydramine	5.302	607757	39981.47	31.6	552.43	1439505	23.8964 ng/ml
Doxylamine	4.548	619240	1380.16	99.4	2493.73	1099672	24.7604 ng/ml
EDDP	5.267	259682	399.81	42.5	9200.30	546699	24.3134 ng/ml
Etizolam	5.820	82716	2562.05	25.5	37964.42	96169	24.0885 ng/ml
Fentanyl	5.109	19554	139.57	66.5	84.41	408498	2.4509 ng/ml
Flualprazolam	5.712	70967	695.79	95.6	3787.11	251750	26.1093 ng/ml
Fluoxetine	5.728	128716	735.84	9.2	6698.35	205839	23.3509 ng/ml
Hydrocodone	3.027	108698	280.56	34.2	1085.01	243447	25.9568 ng/ml
Hydromorphone	1.608	90531	497519.19	68.3	263012.76	109161	24.7416 ng/ml
Ketamine	4.056	215897	20509.06	38.1	336.16	376482	25.3305 ng/ml
Lamotrigine	4.285	19880	523.75	84.8	483.00	376482	26.6044 ng/ml
Levetiracetam	2.651	99651	1491.00	155.2	3620.90	1112741	23.8853 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	159721	1581.67	52.2	199.46	96169	26.8251 ng/ml
MDA	3.205	339291	2454.30	31.3	789.20	379425	27.3221 ng/ml
MDMA	3.299	198843	2180.60	99.3	2297.95	91628	24.6511 ng/ml
Meprobamate	4.903	105674	442.13	27.2	74.11	216623	26.9770 ng/ml
Methadone	5.666	370095	759.71	52.4	2361.82	625119	23.8370 ng/ml
Methamphetamine	3.227	437577	871.28	39.0	∞	681476	26.2409 ng/ml
Metoprolol	4.331	63088	4426.90	85.2	1668.13	885303	25.4599 ng/ml
Mirtazapine	4.636	422212	1060.53	47.7	890.55	491315	24.0907 ng/ml
Mitragynine	5.243	74008	35686.81	37.7	63732.94	625119	24.9242 ng/ml
Morphine	1.247	14972	2037.21	31.6	138.35	14180	25.3745 ng/ml
Norbuprenorphine	5.005	933	4019.48	100.4	2356.18	17579	2.3873 ng/ml
Nordiazepam	5.907	108571	258798.38	59.0	2131.75	139289	26.3038 ng/ml
Norfentanyl	4.090	49160	71.61	34.4	16.70	842701	2.3544 ng/ml
Norhydrocodone	3.075	17282	119.10	38.3	42.70	64763	22.5882 ng/ml
Noroxycodone	2.918	104110	204.16	48.4	3001.28	136031	25.3602 ng/ml
O-desmethyl-tramadol	3.379	460316	4801.90	6.3	173.65	991440	24.4139 ng/ml
Oxazepam	5.763	205023	314.58	71.5	174.66	443714	25.4755 ng/ml
Oxycodone	2.843	206586	1374.13	28.4	835.79	290904	27.3209 ng/ml
Oxymorphone	1.405	93392	∞	46.3	301.38	127383	25.3149 ng/ml
Phentermine	3.787	118565	432.67	6.0	235.79	568126	26.7262 ng/ml
Promethazine	5.552	316629	393.30	29.8	243.87	556873	24.4641 ng/ml
Pseudoephedrine	2.590	550098	11120.96	17.1	6606.60	1112741	23.9659 ng/ml
Quetiapine	5.569	320367	12828.44	58.3	12160.92	181617	25.7824 ng/ml
Sertraline	5.796	36521	521.53	101.9	219.82	69561	24.1579 ng/ml
Temazepam	5.824	314176	27591.14	28.3	876.90	608460	24.9127 ng/ml
Tramadol	4.251	479850	1357.37	3.6	242.45	885303	25.4227 ng/ml
Trazodone	5.169	273378	22560.74	80.0	1979.60	484957	25.5456 ng/ml
Venlafaxine	5.050	383902	19100.63	37.6	3951.35	833573	23.8136 ng/ml
Zolpidem	4.927	475510	137236.16	30.6	1982.83	850785	26.7859 ng/ml

TS

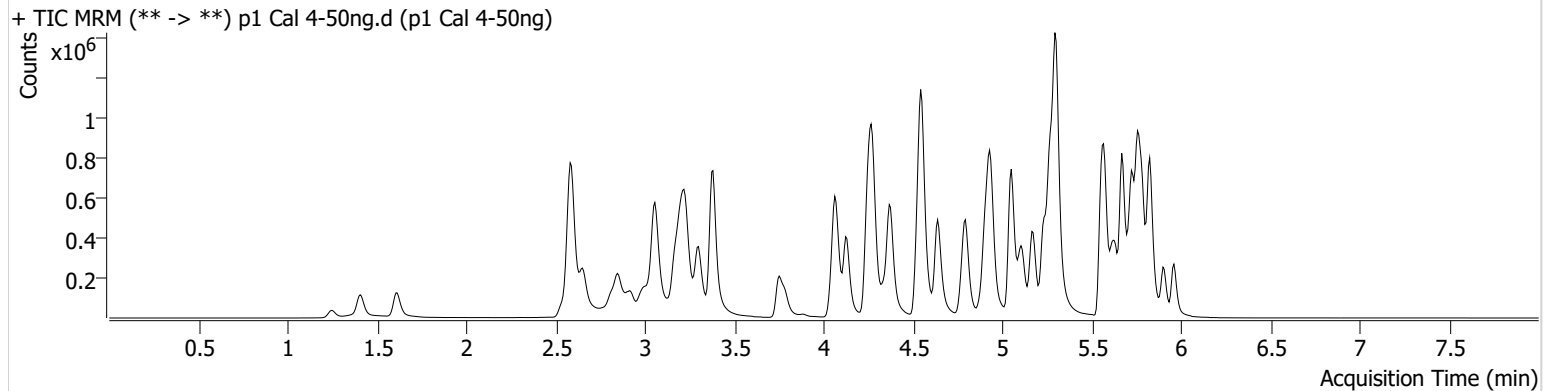


AM #28 Multi-Drug Quant. Results

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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	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 6:22:35 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	9617	1014.40	74.2	6677.56	49971	4.9471 ng/ml
7-aminoclonazepam	4.263	129389	209.05	76.9	370.71	94486	52.7801 ng/ml
a-hydroxyalprazolam	5.699	107925	639.70	66.7	422.94	243453	53.3104 ng/ml
alpha-PHP	4.943	172003	3491.91	262.8	21691.95	497714	52.9473 ng/ml
alpha-PVP	4.375	656587	17267.97	50.5	9771.92	497714	49.4777 ng/ml
Alprazolam	5.782	328320	1680.05	113.7	∞	243453	49.8015 ng/ml
Amphetamine	3.058	1101759	12344.20	46.3	5911.13	264986	55.9063 ng/ml
Benzoylecgonine	3.884	11371	164.87	7.5	79.44	7157	51.7892 ng/ml
Buprenorphine	5.867	14042	523.11	15.9	2764.96	90119	4.6393 ng/ml
Bupropion	4.794	634906	20419.00	65.7	534.79	441882	50.9990 ng/ml
Carisoprodol	5.731	352627	11621.00	54.1	1609.82	310784	46.6968 ng/ml
Citalopram	5.232	460134	286.65	37.8	2000.88	404199	49.8856 ng/ml
Clonazepam	5.612	333731	7103.76	35.4	19110.51	95232	51.5744 ng/ml
Clonazepam	5.556	234408	281552.83	36.2	79153.26	95232	55.1558 ng/ml
Cocaine	4.269	409930	622517.85	55.4	9519.11	675226	50.0685 ng/ml
Codeine	2.587	52155	120.46	109.1	1753.36	54352	55.7152 ng/ml
Cyclobenzaprine	5.635	260883	11206.64	8.5	184.66	200422	48.8589 ng/ml
Dextromethorphan	5.275	255178	544.07	80.7	11132.53	210961	50.4837 ng/ml
Dextrophan	4.130	178514	10133.53	205.0	1056.39	378577	47.8446 ng/ml
Diazepam	5.960	193864	11069.04	89.1	∞	181886	50.0878 ng/ml
Dihydrocodeine	2.566	142125	36817.11	59.0	120.71	164990	53.3411 ng/ml
Diphenhydramine	5.302	1203334	36527.50	31.3	957.43	1392926	48.5480 ng/ml
Doxylamine	4.548	1251838	133962.40	100.7	14821.12	1114545	49.5402 ng/ml
EDDP	5.267	549701	1117.87	41.7	550.29	568844	49.1137 ng/ml
Etizolam	5.820	164244	3382.94	25.4	3251.15	95232	48.0453 ng/ml
Fentanyl	5.109	36131	84.55	67.5	17932.08	378373	4.9061 ng/ml
Flualprazolam	5.712	136581	1729.39	97.5	18027.19	243453	52.6034 ng/ml
Fluoxetine	5.728	190272	39194.11	8.2	399.83	143106	49.0408 ng/ml
Hydrocodone	3.027	220511	262.33	34.5	332.35	246358	52.8221 ng/ml
Hydromorphone	1.615	180753	1742.53	68.4	4931.58	108547	49.6600 ng/ml
Ketamine	4.063	433552	1164.58	38.1	591.12	378186	51.1915 ng/ml
Lamotrigine	4.285	38920	563.00	88.0	1318.73	378186	52.6135 ng/ml
Levetiracetam	2.651	190020	545.11	156.7	5628.21	1094761	47.0057 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	310319	8532.42	52.1	485.16	95232	53.9914 ng/ml
MDA	3.205	680269	2212.77	30.9	1624.31	374594	56.8894 ng/ml
MDMA	3.299	400584	2573.95	99.0	1712.04	91807	49.5085 ng/ml
Meprobamate	4.910	203534	7690.17	27.3	3715.10	221118	51.7091 ng/ml
Methadone	5.666	709816	8445.57	52.0	1469.75	588038	47.2721 ng/ml
Methamphetamine	3.227	854110	11477.59	38.8	377.53	691440	52.0514 ng/ml
Metoprolol	4.338	125122	432.87	85.6	2670.71	891709	50.6225 ng/ml
Mirtazapine	4.636	847783	2803.85	47.0	10089.20	497714	47.4583 ng/ml
Mitragynine	5.243	147623	2373.82	38.8	122701.45	588038	52.7944 ng/ml
Morphine	1.253	30207	257.15	31.3	73618.10	14330	50.9650 ng/ml
Norbuprenorphine	5.005	2002	503.65	98.1	502.94	16924	5.4778 ng/ml
Nordiazepam	5.907	213182	679.33	58.8	10320.15	142349	50.7385 ng/ml
Norfentanyl	4.090	99798	6985.26	33.6	298.19	839512	4.7605 ng/ml
Norhydrocodone	3.075	32759	145.14	38.9	53.77	59271	45.4973 ng/ml
Noroxycodone	2.918	205158	790.11	48.1	8425.41	136256	50.1058 ng/ml
O-desmethyl-tramadol	3.379	920651	20875.03	6.6	2779.73	991994	48.5864 ng/ml
Oxazepam	5.763	398819	2575.01	72.6	3536.35	432812	51.3937 ng/ml
Oxycodone	2.843	413737	892.44	28.8	618.93	292515	55.1057 ng/ml
Oxymorphone	1.405	181386	∞	47.3	∞	125914	49.9503 ng/ml
Phentermine	3.787	238839	361.95	6.0	305.14	570734	54.4068 ng/ml
Promethazine	5.552	539993	11693.51	29.7	160.89	478233	48.4086 ng/ml
Pseudoephedrine	2.590	1091946	11867.65	16.9	9820.97	1094761	48.1978 ng/ml
Quetiapine	5.569	616155	97508.90	59.6	29415.51	177523	51.1318 ng/ml
Sertraline	5.796	45168	1312.04	102.1	961.09	42775	47.9863 ng/ml
Temazepam	5.824	625324	8796.75	27.5	3658.11	596244	51.1485 ng/ml
Tramadol	4.251	966568	28329.43	3.5	211.76	891709	51.2569 ng/ml
Trazodone	5.162	535333	536.01	78.0	82091.44	464557	52.6506 ng/ml
Venlafaxine	5.050	780313	25574.73	37.8	622.76	817380	49.1302 ng/ml
Zolpidem	4.927	941609	2273.97	30.7	22351.39	853576	53.5380 ng/ml

TS

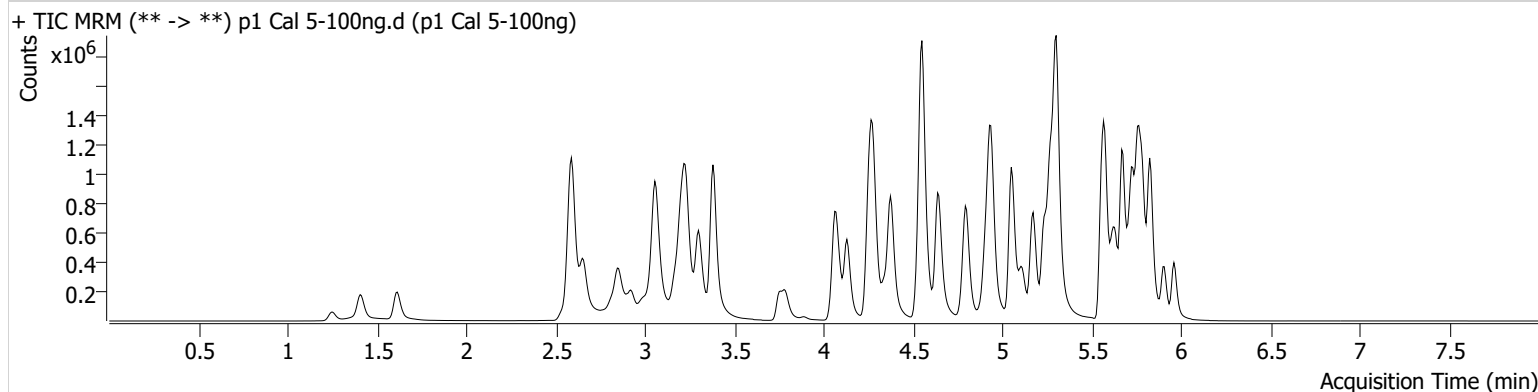


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 6:33:11 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	18281	1537.05	74.7	24577.20	47783	9.8621 ng/ml
7-aminoclonazepam	4.270	222641	122.31	80.0	12053.51	85636	100.7522 ng/ml
a-hydroxyalprazolam	5.699	190399	1945.78	67.4	398.50	220628	105.0149 ng/ml
alpha-PHP	4.943	299482	2926.56	258.2	4369.57	442531	104.1683 ng/ml
alpha-PVP	4.375	1157064	40184.58	50.8	723.64	442531	97.9006 ng/ml
Alprazolam	5.782	589642	∞	113.8	5539.81	220628	98.5708 ng/ml
Amphetamine	3.058	1934659	532.67	46.5	469.46	246482	106.4432 ng/ml
Benzoylecgonine	3.890	20405	435.76	8.4	752.46	6471	102.8243 ng/ml
Buprenorphine	5.867	24022	951.47	15.7	6918.81	73274	9.7313 ng/ml
Bupropion	4.800	1131830	20500.47	65.5	4769.33	399505	100.6546 ng/ml
Carisoprodol	5.731	623863	14317.78	53.4	730.00	275243	91.9198 ng/ml
Citalopram	5.232	798837	15293.56	38.4	1343343.17	348623	100.2867 ng/ml
Clonazepam	5.619	627682	34379.70	35.9	63269.05	87220	106.6700 ng/ml
Clonazepam	5.556	412403	468976.36	37.0	103055.89	87220	107.0050 ng/ml
Cocaine	4.276	730765	83753.50	55.7	1334.62	602471	100.0463 ng/ml
Codeine	2.594	95291	304.86	104.0	82.09	50292	110.9852 ng/ml
Cyclobenzaprine	5.635	467177	533.50	8.0	3676.54	184965	94.1950 ng/ml
Dextromethorphan	5.281	433919	8795.72	81.1	17077.30	180478	100.5044 ng/ml
Dextrophan	4.130	315569	23114.07	205.2	1001878.11	324233	98.7230 ng/ml
Diazepam	5.960	344949	18864.81	88.2	3877.79	159913	101.5752 ng/ml
Dihydrocodeine	2.566	250492	5211.27	63.7	164.63	155249	100.6391 ng/ml
Diphenhydramine	5.302	2166260	36464.84	31.4	1206800.64	1244055	97.5174 ng/ml
Doxylamine	4.548	2358667	346400.99	100.4	135494.21	1017354	102.4233 ng/ml
EDDP	5.267	902442	32835.19	42.0	14786.41	467195	97.8350 ng/ml
Etizolam	5.820	293336	42428.43	25.9	127298.29	87220	93.4469 ng/ml
Fentanyl	5.116	62070	924.23	67.5	1973.48	328094	9.7365 ng/ml
Flualprazolam	5.712	249505	16895.40	98.8	19230.72	220628	106.6949 ng/ml
Fluoxetine	5.728	302657	19176.64	8.4	1147.25	113878	97.4882 ng/ml
Hydrocodone	3.027	402234	944.82	34.2	125.36	226543	105.5510 ng/ml
Hydromorphone	1.615	324945	1307389.27	72.3	359.93	95781	101.1557 ng/ml
Ketamine	4.063	798899	34145.92	38.8	601.77	346644	103.4727 ng/ml
Lamotrigine	4.292	67248	5982.73	88.1	82441.92	346644	99.8931 ng/ml
Levetiracetam	2.658	355630	5736.78	155.3	10265.07	991661	97.9288 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	492797	11907.26	51.4	1851.70	87220	94.6538 ng/ml
MDA	3.205	1161380	5779.22	31.1	4697.01	340726	107.9710 ng/ml
MDMA	3.299	726156	3218.25	100.5	1638.50	83451	98.6768 ng/ml
Meprobamate	4.910	368958	380.13	27.5	4282.43	206760	101.0984 ng/ml
Methadone	5.673	1232941	16469.82	51.6	2297.50	514299	92.6232 ng/ml
Methamphetamine	3.233	1583217	5626.04	38.6	1170.62	647861	104.6374 ng/ml
Metoprolol	4.338	228499	374937.26	84.0	11469.47	802033	103.3057 ng/ml
Mirtazapine	4.636	1548362	86689.01	46.8	2353.36	442531	97.1702 ng/ml
Mitragynine	5.243	246607	609303.86	38.5	117725.79	514299	100.7931 ng/ml
Morphine	1.253	54706	1238.21	30.6	190.02	13012	101.9537 ng/ml
Norbuprenorphine	5.005	3375	369.11	102.5	6283.75	15095	10.4688 ng/ml
Nordiazepam	5.907	376828	487.85	59.4	4479.08	126081	101.4766 ng/ml
Norfentanyl	4.097	181993	260.35	34.4	3067.41	766216	9.4759 ng/ml
Norhydrocodone	3.075	58881	101.87	39.5	127.49	49587	96.3685 ng/ml
Noroxycodone	2.918	361138	1330.18	48.0	2023.39	119777	100.5575 ng/ml
O-desmethyl-tramadol	3.379	1736630	4771.77	6.5	739.66	918596	98.7484 ng/ml
Oxazepam	5.763	670415	338.11	72.2	2929.41	357435	105.2256 ng/ml
Oxycodone	2.843	753958	3538.98	29.3	357.13	275063	107.4441 ng/ml
Oxymorphone	1.405	332498	∞	46.4	977.27	113201	102.0735 ng/ml
Phentermine	3.787	424926	19500.06	6.1	664.27	536488	103.6999 ng/ml
Promethazine	5.552	926400	23909.17	29.6	440.17	409578	96.7926 ng/ml
Pseudoephedrine	2.590	2009603	26097.61	17.3	28162.27	991661	97.7669 ng/ml
Quetiapine	5.569	1116485	112591.43	59.7	∞	157920	104.5826 ng/ml
Sertraline	5.796	79820	5589.43	100.1	381022.37	36649	98.3438 ng/ml
Temazepam	5.824	1067734	19056.70	27.7	501.41	507386	103.1649 ng/ml
Tramadol	4.257	1703454	83887.59	3.7	1337.16	802033	100.8328 ng/ml
Trazodone	5.169	945159	96842.51	78.7	1027.52	419484	103.3388 ng/ml
Venlafaxine	5.050	1402331	64762.44	37.8	589.42	743048	96.9153 ng/ml
Zolpidem	4.927	1711584	16325.62	30.5	838.73	796131	104.9920 ng/ml

TS

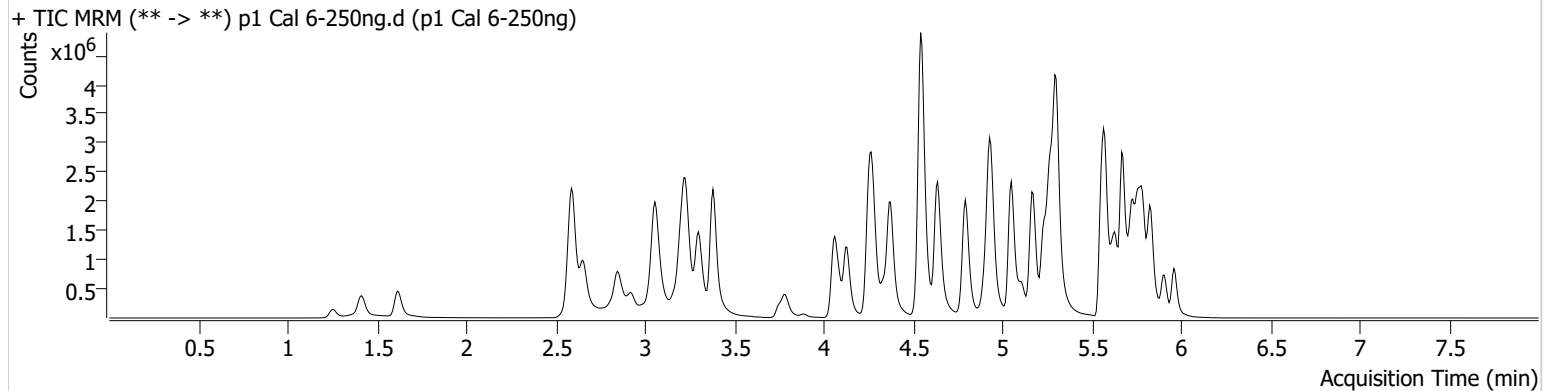


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument Falco (069901) **Data File** p1 Cal 6-250ng.d
Type Cal **Sample** p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-C12 **Comment**
Injection Volume 2
Acq. Date-Time 5/5/2022 6:43:48 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	49384	7496.33	73.2	5807.50	51319	24.8470 ng/ml
7-aminoclonazepam	4.263	496778	8233.78	77.7	4638.91	78517	246.0637 ng/ml
a-hydroxyalprazolam	5.699	351499	736.25	68.2	3102.30	203108	211.9066 ng/ml
alpha-PHP	4.943	764014	6027.10	260.6	15517.61	470148	250.8421 ng/ml
alpha-PVP	4.375	3165099	27534.04	50.2	1862.48	470148	251.8093 ng/ml
Alprazolam	5.782	1434482	48882.29	111.1	22242.50	203108	260.2839 ng/ml
Amphetamine	3.058	4339198	824.06	46.8	18593.13	257618	229.5845 ng/ml
Benzoylecgonine	3.884	56048	324.13	8.2	121.60	7301	250.3778 ng/ml
Buprenorphine	5.867	73255	8959.84	16.2	21357.19	90869	23.8902 ng/ml
Bupropion	4.794	3184814	94865.56	65.1	19862.17	451591	250.7092 ng/ml
Carisoprodol	5.731	1262132	62451.56	52.7	5645.45	211707	239.5449 ng/ml
Citalopram	5.232	2095469	27431.35	38.3	1161.33	367303	249.5029 ng/ml
Clonazepam	5.612	1376836	1664.22	35.3	15662.34	79468	257.8224 ng/ml
Clonazepam	5.556	796289	12682.70	37.3	154344.28	79468	228.0463 ng/ml
Cocaine	4.269	1834708	52961.00	55.1	85912.80	609614	248.2590 ng/ml
Codeine	2.594	209622	3524.37	101.7	688.68	49656	248.4961 ng/ml
Cyclobenzaprine	5.635	1464030	39034.92	8.0	9757.99	215366	252.4200 ng/ml
Dextromethorphan	5.275	1110701	34147.19	79.4	18925.98	184687	251.6398 ng/ml
Dextrophan	4.130	853392	79118.15	204.8	38268.75	346708	249.6256 ng/ml
Diazepam	5.960	860628	747.47	88.1	12672.93	160845	252.2533 ng/ml
Dihydrocodeine	2.566	647522	175.62	61.4	24828.38	166244	244.1266 ng/ml
Diphenhydramine	5.302	5790431	86372.06	31.4	147227.68	1261462	256.5235 ng/ml
Doxylamine	4.542	6608204	12788.63	98.1	368149.95	1128846	258.8496 ng/ml
EDDP	5.267	2566675	45979.59	42.3	22290.23	526922	246.2015 ng/ml
Etizolam	5.820	702500	24127.21	25.3	103954.86	79468	245.2080 ng/ml
Fentanyl	5.109	200338	3736.73	68.8	235.55	410553	25.1409 ng/ml
Flualprazolam	5.712	552123	8182.49	101.8	49766.96	203108	257.3773 ng/ml
Fluoxetine	5.728	879934	332.03	8.3	52455.32	128232	250.8526 ng/ml
Hydrocodone	3.027	983188	495.19	35.6	380.86	235396	249.3561 ng/ml
Hydromorphone	1.621	852371	3594827.00	73.8	2215468.28	99525	255.3355 ng/ml
Ketamine	4.056	2107285	2880.23	37.9	1152.54	371682	255.3567 ng/ml
Lamotrigine	4.292	156901	14832.97	88.9	318934.73	371682	218.3132 ng/ml
Levetiracetam	2.658	854514	11144.90	157.2	15647.61	966168	242.6266 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	793921	42941.54	52.0	786.98	79468	168.4542 ng/ml
MDA	3.205	2503264	14125.43	30.0	1900.82	321528	248.3663 ng/ml
MDMA	3.299	1883101	2349.80	99.1	6874.89	84989	251.1745 ng/ml
Meprobamate	4.903	761194	276158.69	27.0	4132.40	198165	218.6695 ng/ml
Methadone	5.666	3578983	5786.11	50.5	1288.84	578547	236.9875 ng/ml
Methamphetamine	3.227	4091978	2365.72	38.1	16450.02	725589	243.6959 ng/ml
Metoprolol	4.331	562475	6306572.23	86.0	6009.53	819810	249.4964 ng/ml
Mirtazapine	4.636	4247277	92747.33	46.1	159199.49	470148	250.4161 ng/ml
Mitragynine	5.243	701666	980619.08	38.4	271356.94	578547	254.8592 ng/ml
Morphine	1.253	144792	519.31	30.4	542.81	13724	256.3024 ng/ml
Norbuprenorphine	5.005	9221	133.62	102.8	3603.18	17791	24.4409 ng/ml
Nordiazepam	5.907	867051	120117.50	58.7	1016.16	118258	249.2512 ng/ml
Norfentanyl	4.090	494102	168.30	33.7	507.89	761355	25.8287 ng/ml
Norhydrocodone	3.075	147679	168.41	38.4	70.55	43696	272.0645 ng/ml
Noroxycodone	2.918	805804	719.98	47.6	844.01	107338	250.7066 ng/ml
O-desmethyl-tramadol	3.379	4572502	99605.59	6.6	8650.24	959349	248.6292 ng/ml
Oxazepam	5.763	1206748	∞	71.0	7056.24	266974	254.4193 ng/ml
Oxycodone	2.843	1893011	3280.77	29.1	839.84	299397	248.7505 ng/ml
Oxymorphone	1.411	897749	∞	44.2	690.17	117417	266.0513 ng/ml
Phentermine	3.787	1038131	∞	5.8	1611.91	571865	238.7231 ng/ml
Promethazine	5.552	2937581	2104.68	29.0	2596.88	495229	253.5553 ng/ml
Pseudoephedrine	2.597	5011454	84297.75	16.9	1014547.09	966168	250.0008 ng/ml
Quetiapine	5.569	2861772	304096.11	60.3	29364.22	170129	249.4011 ng/ml
Sertraline	5.796	241928	10350.67	98.3	460.75	43506	250.1685 ng/ml
Temazepam	5.831	2199724	46118.72	27.5	∞	422317	256.1341 ng/ml
Tramadol	4.251	4409576	3845.67	3.6	∞	819810	255.9933 ng/ml
Trazodone	5.162	2828601	105548.02	79.8	67542.87	501106	259.5109 ng/ml
Venlafaxine	5.050	3877347	94295.53	36.5	1624.92	783851	253.6650 ng/ml
Zolpidem	4.927	4295934	12595.63	29.9	1805.83	836011	251.9068 ng/ml

TS

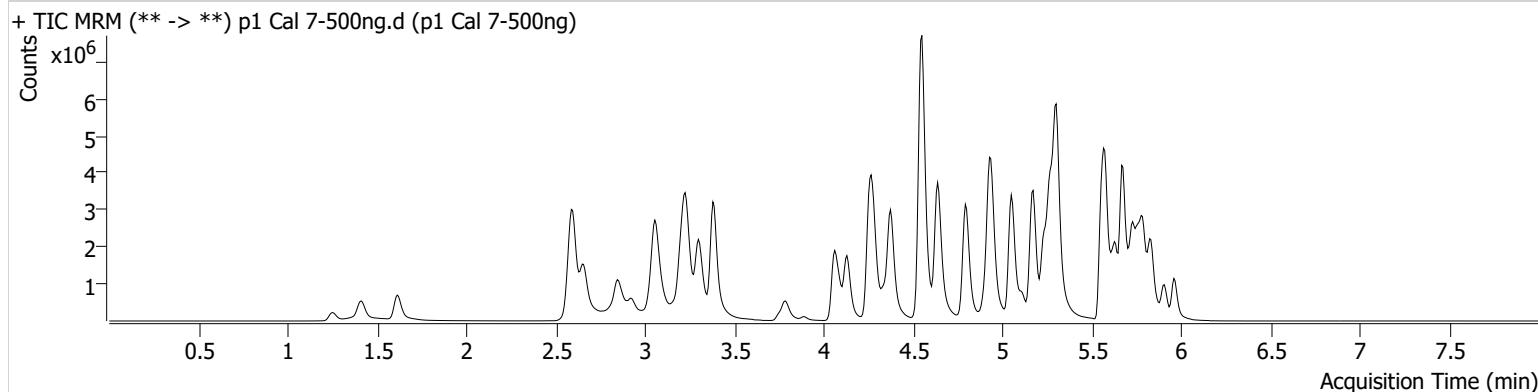


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 6:54:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	81956	4624.12	71.1	63390.23	42837	49.4272 ng/ml
7-aminoclonazepam	4.270	678761	8470.08	77.5	5737.73	59693	442.7082 ng/ml
a-hydroxyalprazolam	5.699	423046	346.84	68.7	492.54	149159	348.1181 ng/ml
alpha-PHP	4.943	1149236	18874.96	259.5	102364.94	366472	484.5330 ng/ml
alpha-PVP	4.375	5003561	∞	50.8	126469.54	366472	510.5189 ng/ml
Alprazolam	5.782	2055937	4833.06	112.6	4848.89	149159	507.8530 ng/ml
Amphetamine	3.058	6133710	59310.78	46.5	377.39	202253	414.1840 ng/ml
Benzoylecgonine	3.890	103618	244.10	8.3	680.09	6930	487.7524 ng/ml
Buprenorphine	5.867	121670	730.20	15.6	31907.80	70075	51.4228 ng/ml
Bupropion	4.794	5184765	92288.46	64.7	33677.47	370762	497.2230 ng/ml
Carisoprodol	5.737	1621838	9172.55	54.0	4654.62	130445	498.0868 ng/ml
Citalopram	5.232	3125054	197456.43	38.6	41359.79	273445	499.6851 ng/ml
Clonazepam	5.612	1841509	∞	35.1	58879.98	55567	493.8158 ng/ml
Clonazepam	5.556	983791	9679.78	38.0	2704.92	55567	403.8076 ng/ml
Cocaine	4.276	2745035	115753.85	55.3	51212.51	451806	501.1874 ng/ml
Codeine	2.594	301913	5123.01	103.6	8743.68	38569	461.6350 ng/ml
Cyclobenzaprine	5.635	2417663	1603.07	7.9	12879.06	172777	518.9023 ng/ml
Dextromethorphan	5.275	1604338	25289.55	80.0	23842.82	133860	501.6534 ng/ml
Dextrophan	4.130	1344050	1879.45	205.6	59927.57	266412	511.6107 ng/ml
Diazepam	5.960	1276925	524.22	87.6	2919.66	120478	499.8722 ng/ml
Dihydrocodeine	2.566	1003146	7086.84	62.1	4445.25	139387	451.7814 ng/ml
Diphenhydramine	5.302	8966670	104956.82	31.4	44533.28	967966	517.3413 ng/ml
Doxylamine	4.548	10771291	9507.68	99.3	4648.57	934961	509.5656 ng/ml
EDDP	5.267	4218110	100784.11	41.5	64022.11	418105	509.5533 ng/ml
Etizolam	5.827	1025940	15755.20	25.4	37183.92	55567	511.8570 ng/ml
Fentanyl	5.109	358311	36024.39	67.9	14534.77	357730	51.6225 ng/ml
Flualprazolam	5.712	760024	19573.79	106.1	21810.16	149159	483.0011 ng/ml
Fluoxetine	5.728	1380018	83649.40	8.0	5850.73	98863	509.7276 ng/ml
Hydrocodone	3.027	1528927	570.47	36.2	324.51	191185	478.1540 ng/ml
Hydromorphone	1.615	1375193	4935068.17	73.3	4575571.03	83219	492.6491 ng/ml
Ketamine	4.063	3326834	64061.38	37.8	1324.35	305323	491.2682 ng/ml
Lamotrigine	4.292	220401	7935.60	88.7	109827.00	305323	373.8899 ng/ml
Levetiracetam	2.658	1378192	30663.34	158.8	17831.97	724702	522.5746 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	837103	40426.24	52.0	2152.24	55567	254.7325 ng/ml
MDA	3.205	3468002	7652.16	29.3	8379.30	245446	451.8502 ng/ml
MDMA	3.299	2932786	3921.08	99.7	2422.11	66508	499.8356 ng/ml
Meprobamate	4.903	1029876	123786.04	27.2	6153.84	158508	370.5030 ng/ml
Methadone	5.673	5750442	∞	49.8	43470.96	441016	498.1018 ng/ml
Methamphetamine	3.233	6374784	4069.44	38.2	3590.58	612501	451.1801 ng/ml
Metoprolol	4.338	824741	1428.92	86.2	4167.66	642735	467.0572 ng/ml
Mirtazapine	4.636	6955715	15578.13	45.2	100305.67	366472	525.7947 ng/ml
Mitragynine	5.243	1040436	300311.11	39.3	2175.90	441016	495.7103 ng/ml
Morphine	1.253	235562	913.51	31.3	7654.67	11530	496.5963 ng/ml
Norbuprenorphine	5.005	15339	5800.73	104.3	6188.86	15049	48.1911 ng/ml
Nordiazepam	5.907	1210762	∞	59.3	1962.72	83584	492.6595 ng/ml
Norfentanyl	4.090	807273	35372.73	33.8	796.73	572918	56.0369 ng/ml
Norhydrocodone	3.075	237615	619.40	40.4	301.90	34124	559.2700 ng/ml
Noroxycodone	2.925	1126605	4983.54	48.2	8665.48	77058	488.4626 ng/ml
O-desmethyl-tramadol	3.379	7469860	296925.70	6.4	25924.22	758210	513.6930 ng/ml
Oxazepam	5.763	1309552	18783.11	73.7	140.39	155776	473.6864 ng/ml
Oxycodone	2.843	2878704	2030.12	29.6	∞	240984	470.5855 ng/ml
Oxymorphone	1.411	1414200	588.13	45.7	311.93	98233	501.1431 ng/ml
Phentermine	3.787	1567906	∞	5.6	565.50	479227	430.8951 ng/ml
Promethazine	5.552	4940014	1399.97	28.4	2521.27	412912	511.2192 ng/ml
Pseudoephedrine	2.597	7732741	114105.49	16.7	43188.99	724702	514.1237 ng/ml
Quetiapine	5.569	4371716	145230.60	59.9	34389.45	131831	492.0761 ng/ml
Sertraline	5.796	372429	31260.38	98.9	784694.88	33834	494.6358 ng/ml
Temazepam	5.831	2708454	47642.03	27.5	1089.39	267215	498.9253 ng/ml
Tramadol	4.251	6876158	∞	3.6	3391.59	642735	509.5766 ng/ml
Trazodone	5.169	4658753	1847.50	79.9	2672.31	441006	486.0252 ng/ml
Venlafaxine	5.050	6217344	141357.78	36.3	9694.08	617419	516.1737 ng/ml
Zolpidem	4.927	6794008	2725.55	29.1	167075.19	684997	486.8587 ng/ml

TS

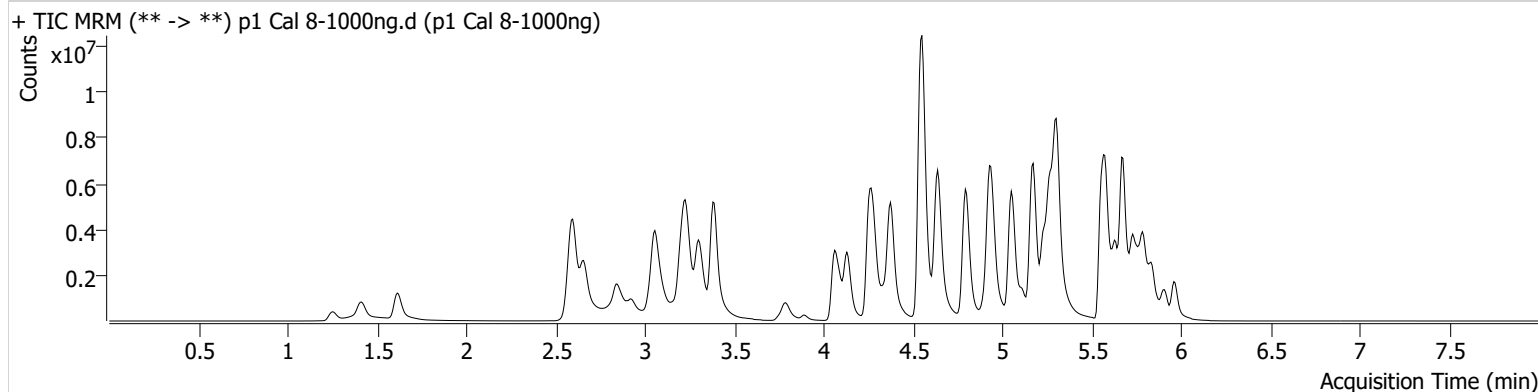


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\050522 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2022 3:40:58 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	5/5/2022 7:05:01 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	164181	1092.31	72.2	289690.63	41710	101.7207 ng/ml
7-aminoclonazepam	4.270	793069	7799.79	77.8	2417.53	42578	725.5720 ng/ml
a-hydroxyalprazolam	5.699	470674	300.96	66.0	183.22	115301	501.6219 ng/ml
alpha-PHP	4.943	1931102	41803.41	263.9	836860.38	342120	872.5348 ng/ml
alpha-PVP	4.375	9390618	364086.42	51.3	1230.86	342120	1026.1671 ng/ml
Alprazolam	5.782	3174172	491.64	111.5	770.82	115301	1014.2029 ng/ml
Amphetamine	3.058	9317421	107455.01	47.0	141.71	200026	636.7161 ng/ml
Benzoylcegonine	3.890	238956	521.83	8.3	193.59	7740	1007.0602 ng/ml
Buprenorphine	5.867	277569	3990.35	16.0	47499.82	71512	114.9212 ng/ml
Bupropion	4.794	10310455	380849.01	63.2	44157.04	380346	963.9582 ng/ml
Carisoprodol	5.737	1897523	65061.34	53.0	10400.63	74169	1023.4790 ng/ml
Citalopram	5.225	5103002	182523.24	38.4	43154.04	216092	1032.3844 ng/ml
Clonazepam	5.612	2314028	40227.25	35.4	153857.65	41235	836.7093 ng/ml
Clonazepam	5.556	1011678	11545.92	39.0	114912.88	41235	560.0308 ng/ml
Cocaine	4.276	4679220	107886.89	54.5	2238.34	381526	1011.7165 ng/ml
Codeine	2.594	476274	4720.61	100.8	9863.59	33766	832.6465 ng/ml
Cyclobenzaprine	5.635	4717268	782.28	7.6	35374.54	161314	1083.7038 ng/ml
Dextromethorphan	5.281	2369846	42019.39	82.9	30889.77	99583	996.2379 ng/ml
Dextrophan	4.130	2492782	115720.61	207.6	25866.99	239037	1057.5131 ng/ml
Diazepam	5.961	2180210	6535.51	86.3	6525.33	106424	966.3677 ng/ml
Dihydrocodeine	2.566	1743262	12405.50	62.4	9997.47	145102	754.7401 ng/ml
Diphenhydramine	5.302	15052700	22263.63	31.8	102137.45	811977	1034.9927 ng/ml
Doxylamine	4.550	19720382	281545.42	98.0	162303.31	926197	941.8862 ng/ml
EDDP	5.267	8131120	79346.60	40.3	32475.42	388434	1056.9183 ng/ml
Etizolam	5.827	1698149	13292.65	24.8	891.58	41235	1141.4017 ng/ml
Fentanyl	5.109	842824	2929.27	68.3	34617.78	417451	104.0731 ng/ml
Flualprazolam	5.712	1045942	8789.98	108.3	1344.60	115301	860.4054 ng/ml
Fluoxetine	5.728	2650285	131011.97	8.0	37823.47	88687	1090.6269 ng/ml
Hydrocodone	3.027	2813022	228.13	36.4	355.08	185540	907.2048 ng/ml
Hydromorphone	1.615	2756247	22674910.24	72.9	31463934.3	81723	1005.4593 ng/ml
					4		
Ketamine	4.063	6198593	171978.19	36.9	18997.60	301543	927.3026 ng/ml
Lamotrigine	4.299	301479	18841.72	92.3	873.72	301543	518.1529 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.658	2409263	29909.19	160.5	76654.99	603056	1098.6386 ng/ml
Lorazepam	5.754	843367	33078.46	52.2	288.97	41235	346.3475 ng/ml
MDA	3.199	4617707	2197.81	28.7	16656.10	182308	811.0928 ng/ml
MDMA	3.299	5219321	183292.39	99.6	91273.54	56863	1040.3427 ng/ml
Meprobamate	4.903	1364438	28858.39	26.8	7116.44	139798	557.0124 ng/ml
Methadone	5.673	10868785	141665.81	48.1	55731.69	404488	1025.1145 ng/ml
Methamphetamine	3.227	11371598	89620.83	36.9	2325.30	649940	759.6290 ng/ml
Metoprolol	4.338	1285062	56070.63	88.0	1728.86	613839	762.3179 ng/ml
Mirtazapine	4.636	13042203	183482.76	44.7	3762.65	342120	1055.7579 ng/ml
Mitragynine	5.243	1794263	840.94	39.0	117318.77	404488	932.0233 ng/ml
Morphine	1.253	460213	534.33	31.1	∞	11910	939.5151 ng/ml
Norbuprenorphine	5.005	33956	916.80	98.7	4210.84	16176	99.3845 ng/ml
Nordiazepam	5.907	1716093	5430.20	58.6	1201.02	62121	939.7315 ng/ml
Norfentanyl	4.097	1509493	64980.33	34.2	691.40	460249	130.3843 ng/ml
Norhydrocodone	3.075	461340	200.96	40.4	942.75	29943	1235.9974 ng/ml
Noroxycodone	2.925	1698318	4791.23	48.1	2498.35	57394	988.8418 ng/ml
O-desmethyl-tramadol	3.386	13944460	∞	6.4	316.87	700109	1038.3047 ng/ml
Oxazepam	5.756	1246260	11782.24	72.8	3928.43	75695	928.2826 ng/ml
Oxycodone	2.836	4861977	3762.29	29.2	32141.52	234156	818.4861 ng/ml
Oxymorphone	1.411	2380599	∞	49.6	∞	91041	910.4231 ng/ml
Phentermine	3.787	2577026	∞	5.8	1881.46	495998	684.7529 ng/ml
Promethazine	5.552	10175408	2480.18	27.9	2878.66	415576	1046.0696 ng/ml
Pseudoephedrine	2.597	13454190	124722.90	16.6	70378.00	603056	1074.7953 ng/ml
Quetiapine	5.575	7104282	505519.16	60.5	1054.02	113896	925.9311 ng/ml
Sertraline	5.796	734192	37448.17	99.8	579286.10	32674	1009.1009 ng/ml
Temazepam	5.837	3291361	68562.08	27.0	154.12	163549	991.1320 ng/ml
Tramadol	4.251	11781127	151901.26	3.5	1352.78	613839	914.5018 ng/ml
Trazodone	5.169	9534452	213186.11	79.5	259977.88	494051	888.2276 ng/ml
Venlafaxine	5.050	11541649	107120.60	35.7	4614.70	564843	1047.1745 ng/ml
Zolpidem	4.927	11757153	220773.29	28.3	123101.31	687054	840.4943 ng/ml