














Worklist: 4997

Samples originally created on worklist 4973. However, due to the worklist duplicating results, the worklist was closed and recreated. Worklist 4997 is the recreated worklist.

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-1882	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1098	1	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1098	2	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1098	3	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1257	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1262	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1328	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1410	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1440	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1447	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1518	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

Worklist: 4973

Samples originally created on worklist 4973. However, due to the worklist duplicating results, the worklist was closed and recreated. Worklist 4997 is the recreated worklist.

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-1882	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1098	1	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1098	2	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1098	3	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1257	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1262	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1328	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1410	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1440	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1447	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1518	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

TS

Extraction Date: 05/19/2021

Analyst: Tamara Salazar

Plate lot#: IDP-121 Lot #:201207

Plate Expiration: 06/07/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20723

Blank Urine Lot: POC031319

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. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. **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.

preceding 05/25/21

COMMENTS: QC 100 reinjected on 05/20/2021 due to carryover in the preceding blank.

Curves Limited:

a-hydroxylprazolam-5-250 (calibrators 7 and 8 dropped due to not meeting accuracy requirements)
amphetamine 5-250 (calibrators 7 and 8 dropped due to not meeting accuracy requirements)
Buprenorphine 1-100 (calibrator 1 dropped due to not meeting ratio requirement)
Codeine 5-500 (calibrator 8 dropped due to not meeting accuracy requirements)
Dihydrocodeine 5-500 (calibrator 8 dropped due to not meeting accuracy requirements)

TS

Etizolam 5-500 (calibrator 8 dropped due to not meeting accuracy requirements)

Lamotrigine 5-250 (calibrators 7 and 8 dropped due to not meeting accuracy requirements)

Lorazepam 5-100 (calibrators 6, 7 and 8 dropped due to not meeting accuracy requirements)

Meprobamate 5-250 (calibrators 7 and 8 dropped due to not meeting accuracy requirements)

Phentermine 5-500 (calibrator 8 dropped due to not meeting accuracy requirements)

Levetiracetam not evaluated due to peak showing in blank.

Surrogate internal standards were used for hydromorphone and alpha-hydroxyalprazolam. These compounds are only reported qualitatively.

TS

	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	IS + Sample	P2021-1440-1	M2021-1882-2	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	P2021-1410-1	Negative Urine	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	P2021-1328-1	Negative 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	IS + Sample	P2021-1262-1	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	IS + Sample	IS + Sample	P2021-1257-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-1098-3	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	P2021-1518-1	P2021-1098-2	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	P2021-1447-1	P2021-1098-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

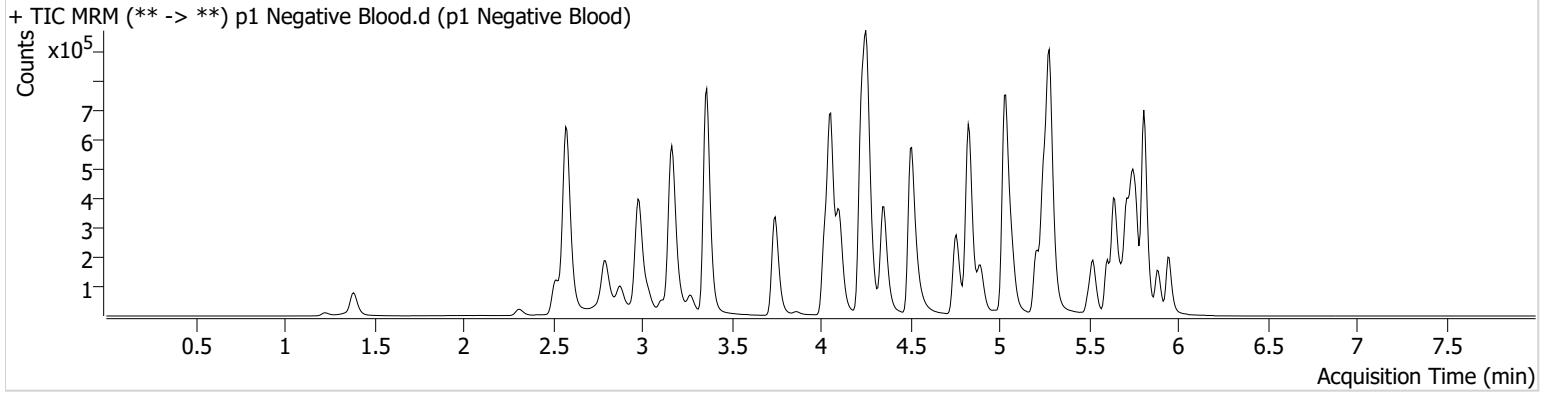


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-C11	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 3:53:01 PM		
Sample Info.			

Sample Chromatogram



TS

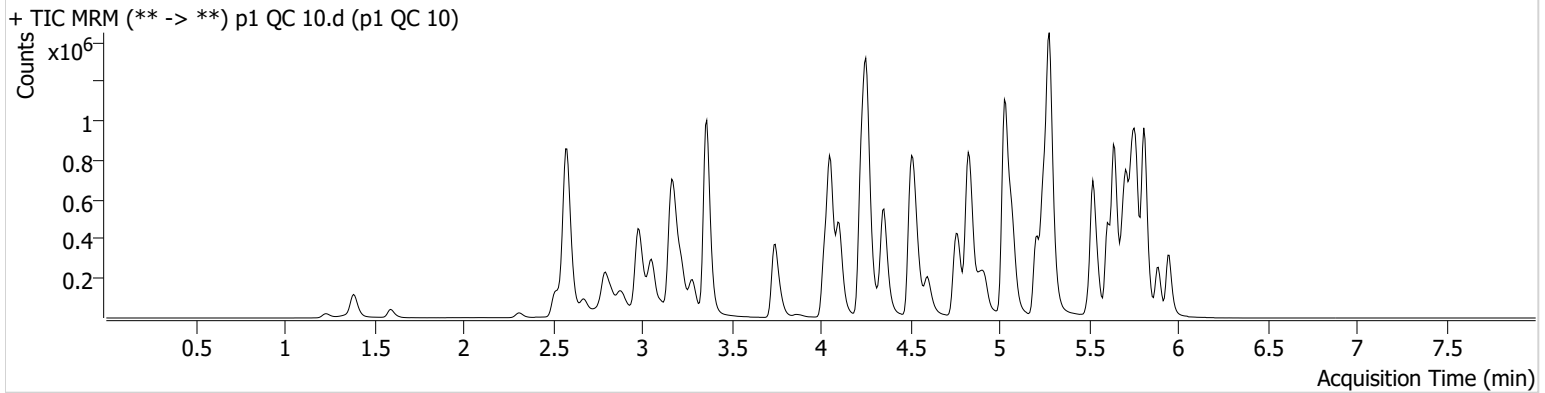


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-H11	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 2:17:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4606	121.82	67.3	3833.93	115265	1.0257 ng/ml
7-aminoclonazepam	4.265	95595	452.41	78.3	545.30	358420	9.7728 ng/ml
a-hydroxyalprazolam	5.692	48637	199.41	55.9	410.02	576253	10.8514 ng/ml
alpha-PHP	4.923	69624	296.64	269.5	5162.15	1129197	9.8550 ng/ml
alpha-PVP	4.363	251200	28427.81	52.2	2013.23	1129197	9.7721 ng/ml
Alprazolam	5.768	155811	640.18	113.0	440.26	576253	9.6387 ng/ml
Amphetamine	3.056	470402	6071.42	49.7	1200.20	477363	10.0926 ng/ml
Benzoylcegonine	3.892	6030	102.03	7.3	44.08	24269	9.8021 ng/ml
Buprenorphine	5.697	5347	1816.08	12.3	928.88	187310	1.0307 ng/ml
Bupropion	4.774	267520	4923.24	61.5	1984.93	950909	9.8188 ng/ml
Carisoprodol	5.724	146590	214429.09	58.5	883.33	783635	9.4400 ng/ml
Citalopram	5.212	166279	2080.82	42.4	120305.03	796890	9.5599 ng/ml
Clonazepam	5.612	192625	4358.48	33.2	767.91	230899	10.2072 ng/ml
Clonazepam	5.549	124686	26807.90	37.7	102144.10	230899	9.4635 ng/ml
Cocaine	4.257	191907	3590.70	52.4	3038.25	1843548	9.9372 ng/ml
Codeine	2.566	22507	71.31	103.4	352.54	109813	10.3346 ng/ml
Cyclobenzaprine	5.608	105797	3040.46	8.9	252.31	440290	9.8812 ng/ml
Dextromethorphan	5.255	93681	4042.62	78.9	700.62	456719	9.7268 ng/ml
Dextrophan	4.105	70283	9935.97	206.6	875.98	859645	9.8041 ng/ml
Diazepam	5.953	108099	289.20	86.7	5858.21	506572	9.7677 ng/ml
Dihydrocodeine	2.545	54463	493.20	67.1	213.58	325403	10.2208 ng/ml
Diphenhydramine	5.282	421107	895.72	33.0	1049.79	2686132	9.6080 ng/ml
Doxylamine	4.523	493623	5064.82	97.5	1902.47	2119433	10.1460 ng/ml
EDDP	5.254	168255	8222.24	43.2	218.40	925005	9.7838 ng/ml
Etizolam	5.813	98520	6239.90	24.5	46487.28	230899	9.5050 ng/ml
Fentanyl	5.082	12513	173.19	67.8	16424.30	604547	0.9727 ng/ml
Flualprazolam	5.705	70072	2539.01	105.3	801.26	576253	9.5633 ng/ml
Fluoxetine	5.700	128330	242.63	8.9	5649.41	517352	10.2986 ng/ml
Hydrocodone	3.012	82674	147.22	39.3	95.98	1029566	9.7828 ng/ml
Hydromorphone	1.595	74682	985.91	77.1	142.36	10866	9.9848 ng/ml
Ketamine	4.037	177871	4077.15	36.7	166.28	861788	9.7962 ng/ml
Lamotrigine	4.267	16677	313.40	82.1	84.23	861788	10.3876 ng/ml
* Levetiracetam	2.676	70860	524.76	163.4	960.35	2199598	9.5780 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	176463	1933.42	57.7	1121.67	230899	10.4931 ng/ml
MDA	3.196	321721	1816.54	24.0	402.98	784694	10.5169 ng/ml
MDMA	3.290	182497	1752.22	77.8	951.00	175784	9.7879 ng/ml
Meprobamate	4.917	87271	5235.15	27.9	511.38	401160	9.9901 ng/ml
Methadone	5.646	290781	1512.94	49.5	555.90	1363979	9.6413 ng/ml
Methamphetamine	3.224	349527	704.56	37.9	2175.64	1264582	10.4715 ng/ml
Metoprolol	4.319	45773	868.87	90.3	625.97	1957763	10.2990 ng/ml
Mirtazapine	4.597	289702	373.00	50.3	956.01	1129197	9.6893 ng/ml
Mitragynine	5.210	54914	177.73	41.3	344.34	1363979	9.4564 ng/ml
Morphine	1.240	10233	9063.18	34.7	15.00	10866	9.7186 ng/ml
Norbuprenorphine	4.979	619	2000.70	106.7	852.10	30080	0.8593 ng/ml
Nordiazepam	5.893	108175	521.95	55.8	900.29	375178	9.6989 ng/ml
Norfentanyl	4.079	39718	538.25	32.8	92.70	1769614	0.9508 ng/ml
Norhydrocodone	3.053	12978	50.19	43.7	55.42	124999	9.3280 ng/ml
Noroxycodone	2.903	93047	500.48	41.6	447.64	323423	9.7624 ng/ml
O-desmethyl-tramadol	3.369	361390	888.49	6.7	397.26	2312268	9.5030 ng/ml
Oxazepam	5.749	199915	166.42	74.9	459.10	836204	9.7767 ng/ml
Oxycodone	2.827	175122	488.84	27.4	239.04	779706	9.9227 ng/ml
Oxymorphone	1.391	84103	6297.31	42.5	481.23	292184	10.3457 ng/ml
Phentermine	3.783	95062	564.50	4.0	80.69	1076382	10.1189 ng/ml
Promethazine	5.525	232877	537.71	28.1	698.40	993193	9.9871 ng/ml
Pseudoephedrine	2.589	439334	1264.42	16.3	358.57	2199598	9.4788 ng/ml
Quetiapine	5.514	188892	195.53	57.4	4253.96	256871	10.2359 ng/ml
Sertraline	5.762	56360	338.33	91.9	208.57	263057	10.0469 ng/ml
Temazepam	5.816	331492	4566.61	28.6	348.25	1567034	10.1525 ng/ml
Tramadol	4.239	402798	832.91	3.8	114.23	1957763	10.0391 ng/ml
Trazodone	5.074	174474	1229.58	82.5	1293.11	725629	9.4748 ng/ml
Venlafaxine	5.037	358807	6762.65	38.4	1513.92	1891634	9.6589 ng/ml
Zolpidem	4.846	400094	5380.42	31.0	731.45	2040396	9.6495 ng/ml

AM #28 Multi-Drug Quant. Results

TS

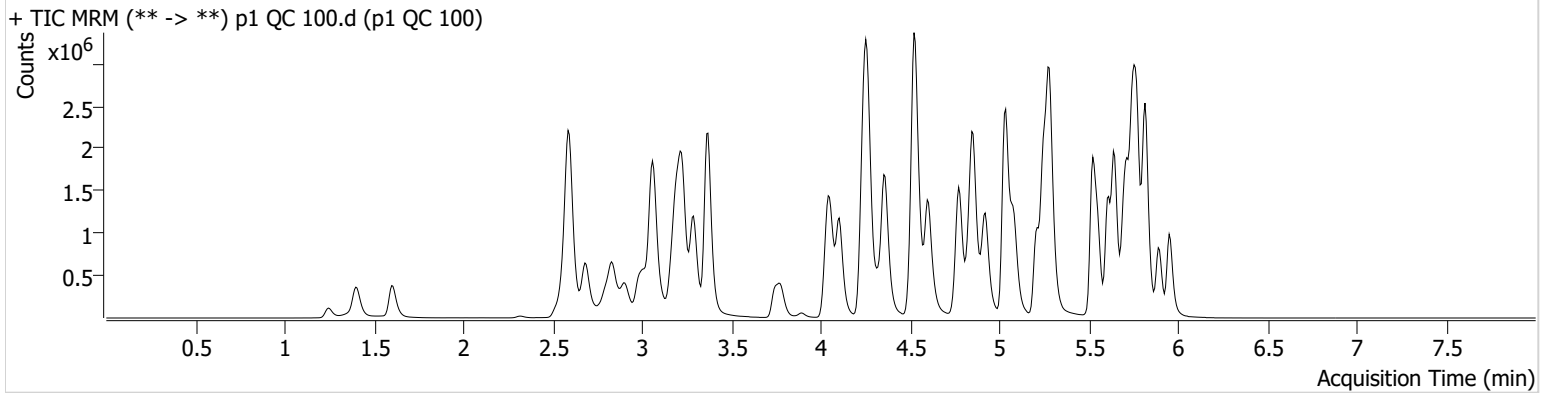


Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G11	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 8:29:05 PM		
Sample Info.			

QC 100 was reinjected on 05/20/2021 due to carryover in the preceding blank.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	44114	2561.43	70.1	44990.04	106082	10.1884 ng/ml
7-aminoclonazepam	4.271	800587	670.21	78.2	7381.10	281858	104.4429 ng/ml
a-hydroxyalprazolam	5.692	360887	320.80	58.4	289.39	471474	109.0846 ng/ml
alpha-PHP	4.923	617105	1157.57	268.5	129309.18	986174	102.1469 ng/ml
alpha-PVP	4.363	2361293	∞	52.1	953.63	986174	102.1445 ng/ml
Alprazolam	5.775	1415242	1225.82	112.1	1427.41	471474	103.3786 ng/ml
Amphetamine	3.063	3897071	13461.40	48.0	2201.75	405074	105.3968 ng/ml
Benzoylcegonine	3.892	57278	3052.38	8.0	438.32	21696	103.5767 ng/ml
Buprenorphine	5.704	32219	1178.83	14.2	7277.99	128582	10.6609 ng/ml
Bupropion	4.774	2363545	1138.20	61.5	8581.34	792046	102.9997 ng/ml
Carisoprodol	5.724	1188731	2346372.27	56.1	4438.25	554554	102.8035 ng/ml
Citalopram	5.212	1227591	6570.48	41.8	7712.21	564936	96.5328 ng/ml
Clonazepam	5.612	1666037	9750.66	31.8	12196.52	193311	112.0114 ng/ml
Clonazepam	5.548	1143463	1320604.89	37.0	734034.20	193311	98.8003 ng/ml
Cocaine	4.257	1787163	37504.11	52.0	86581.38	1622872	102.0780 ng/ml
Codeine	2.573	197028	363.09	101.8	10584.22	96622	107.8783 ng/ml
Cyclobenzaprine	5.608	610671	1003.45	8.8	1332.63	233274	102.7348 ng/ml
Dextromethorphan	5.255	607950	15335.04	80.3	1242.85	284263	100.6549 ng/ml
Dextrophan	4.105	650298	1724.97	207.3	1620.15	765001	101.3713 ng/ml
Diazepam	5.953	950571	792.97	89.1	552.07	432248	101.7437 ng/ml
Dihydrocodeine	2.552	521555	2288.02	65.8	351.92	309493	108.6471 ng/ml
Diphenhydramine	5.282	3196271	614.41	32.5	3169.67	1895979	99.3546 ng/ml
Doxylamine	4.522	4629482	8646.01	99.5	57882.46	1938268	104.5869 ng/ml
EDDP	5.254	1982737	1165.89	41.9	432.02	1013710	101.0414 ng/ml
Etizolam	5.813	875129	15223.05	25.0	305658.73	193311	93.3481 ng/ml
Fentanyl	5.082	73699	164.21	68.6	205546.47	342572	9.6210 ng/ml
Flualprazolam	5.705	617871	16051.17	99.1	6131.16	471474	103.5730 ng/ml
Fluoxetine	5.700	571530	1021.87	8.7	17764.25	234938	101.8249 ng/ml
Hydrocodone	3.012	775567	287.31	39.2	934.08	948432	105.7055 ng/ml
Hydromorphone	1.601	695453	5058.68	78.0	3508.58	10244	103.3471 ng/ml
Ketamine	4.037	1697133	19853.30	36.9	938.11	785655	104.2656 ng/ml
Lamotrigine	4.267	138359	1930.60	80.3	2109.59	785655	99.7021 ng/ml
* Levetiracetam	2.683	666199	1130.40	162.8	677.18	1940338	96.8476 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1143331	10904.76	57.5	4281.37	193311	90.4424 ng/ml
MDA	3.196	2468964	8641.13	23.4	1107.35	614561	113.0743 ng/ml
MDMA	3.290	1711439	16880.66	76.8	3959.55	151947	103.9063 ng/ml
Meprobamate	4.917	675422	44695.45	27.6	43853.74	334905	99.9622 ng/ml
Methadone	5.646	2010615	80319.35	48.5	22311.33	906147	97.7482 ng/ml
Methamphetamine	3.231	2994896	16168.84	37.8	11594.75	1164818	108.4230 ng/ml
Metoprolol	4.319	425167	583590.23	89.5	8287.62	1818891	108.8587 ng/ml
Mirtazapine	4.604	2228541	92029.10	50.2	12752.68	986174	88.1023 ng/ml
Mitragynine	5.210	351824	3051.75	39.7	1535.79	906147	94.2208 ng/ml
Morphine	1.247	98533	1390.60	33.4	304.32	10244	100.3946 ng/ml
Norbuprenorphine	4.986	4925	13297.93	88.1	22361.17	20488	11.1202 ng/ml
Nordiazepam	5.900	959503	1220.54	55.6	1040.19	312474	105.3935 ng/ml
Norfentanyl	4.079	389434	5237.89	34.6	1151.28	1625149	9.6660 ng/ml
Norhydrocodone	3.059	98084	278.16	42.2	54.20	87998	96.3349 ng/ml
Noroxycodone	2.903	809689	969.48	42.0	2638.58	266241	103.4146 ng/ml
O-desmethyl-tramadol	3.369	3627058	83657.88	6.7	909.85	2130914	100.2675 ng/ml
Oxazepam	5.749	1515652	327.64	73.0	∞	590527	107.9934 ng/ml
Oxycodone	2.827	1704113	2973.37	27.0	749.48	727263	104.5792 ng/ml
Oxymorphone	1.398	736812	∞	42.4	∞	250685	107.0965 ng/ml
Phentermine	3.783	820508	384.65	4.2	298.77	961605	105.9956 ng/ml
Promethazine	5.525	1306820	788.92	29.3	2904.00	541938	98.8117 ng/ml
Pseudoephedrine	2.596	4229941	815.70	16.0	1834.96	1940338	98.1426 ng/ml
Quetiapine	5.521	1440524	2572356.75	58.2	787.30	196686	105.2365 ng/ml
Sertraline	5.769	258127	314.14	98.5	288.56	118658	100.9678 ng/ml
Temazepam	5.816	2682475	8075.03	28.5	696.52	1229754	99.2871 ng/ml
Tramadol	4.239	3812653	895.76	3.6	937.85	1818891	105.5314 ng/ml
Trazodone	5.081	1247229	715.83	79.6	2536043.95	461722	98.0949 ng/ml
Venlafaxine	5.037	3512724	11237.64	37.5	12788.45	1679130	102.8028 ng/ml
Zolpidem	4.853	3869880	10505.29	30.7	6792.60	1858888	105.3249 ng/ml

AM #28 Multi-Drug Quant. Results

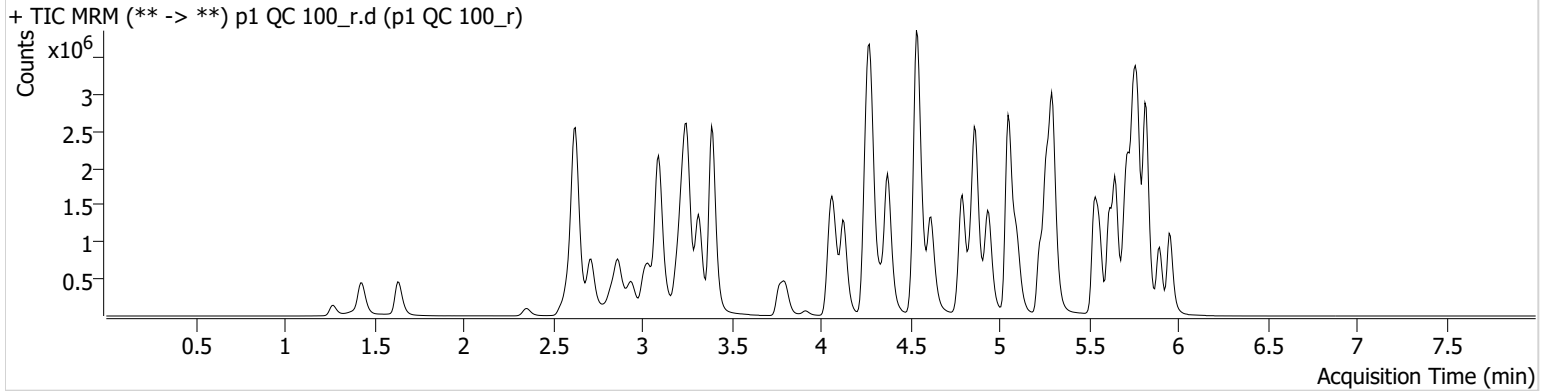


Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument Falco (069901) **Data File** p1 QC 100_r.d
Type QC **Sample** p1 QC 100_r
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-G11 **Comment**
Injection Volume 2
Acq. Date-Time 5/20/2021 8:25:47 AM
Sample Info.

QC 100 was reinjected on 05/20/2021 due to carryover in the preceding blank.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	53556	151.49	67.7	36331.69	135548	9.6828 ng/ml
7-aminoclonazepam	4.285	962048	24752.47	77.9	2385.55	342450	103.2999 ng/ml
a-hydroxyalprazolam	5.699	400293	3633.11	59.0	303.65	564487	100.9615 ng/ml
alpha-PHP	4.944	683075	42787.30	260.5	20439.39	1137392	98.0248 ng/ml
alpha-PVP	4.376	2661884	1292.06	52.7	49032.47	1137392	99.8454 ng/ml
Alprazolam	5.775	1667729	1662.69	111.3	34731.24	564487	101.7544 ng/ml
Amphetamine	3.096	4410245	5858.59	49.4	5834.84	518865	93.0264 ng/ml
Benzoylcegonine	3.912	67646	3424.41	8.6	45.24	26154	101.4739 ng/ml
Buprenorphine	5.711	27835	319.18	15.1	11016.37	114554	10.3319 ng/ml
Bupropion	4.795	2520060	32827.59	61.6	21911.93	851122	102.1987 ng/ml
Carisoprodol	5.730	1499204	2471060.75	57.4	30803.26	714621	100.6238 ng/ml
Citalopram	5.226	1178522	4580.00	41.9	311.39	530291	98.7216 ng/ml
Clonazepam	5.618	1869583	2712.72	32.0	3969.94	225091	107.9243 ng/ml
Clonazolam	5.555	1370022	1247925.83	37.8	15206.45	225091	101.6490 ng/ml
Cocaine	4.277	1963765	880.16	53.1	88590.12	1824573	99.7727 ng/ml
Codeine	2.607	234862	175.82	98.4	4010.66	117252	105.9578 ng/ml
Cyclobenzaprine	5.622	418133	19560.94	8.5	85.64	168440	97.4452 ng/ml
Dextromethorphan	5.275	555623	24097.64	78.2	25010.40	249937	104.6222 ng/ml
Dextrophan	4.132	759366	155733.78	206.7	841.37	865598	104.6146 ng/ml
Diazepam	5.960	1090425	12270.45	88.3	9985.43	490225	102.9109 ng/ml
Dihydrocodeine	2.586	624394	861.91	65.8	823.22	365843	110.0435 ng/ml
Diphenhydramine	5.303	3164516	83380.68	33.6	531.34	1849225	100.8484 ng/ml
Doxylamine	4.543	5453711	191830.48	95.1	14231.36	2238046	106.7054 ng/ml
EDDP	5.268	2193314	603.26	41.6	220.19	1078473	105.0434 ng/ml
Etizolam	5.813	988412	7440.83	26.0	387979.00	225091	90.5698 ng/ml
Fentanyl	5.096	59952	246.68	65.5	64262.68	276783	9.6862 ng/ml
Flualprazolam	5.705	777371	27208.46	101.3	14917.20	564487	108.8407 ng/ml
Fluoxetine	5.700	351469	25699.70	8.5	387.67	137831	106.7397 ng/ml
Hydrocodone	3.039	927096	∞	38.8	∞	1129363	106.1173 ng/ml
Hydromorphone	1.635	833389	7095.10	77.0	3815.16	12767	99.3517 ng/ml
Ketamine	4.059	1937004	3111.47	36.5	1607.29	920614	101.5523 ng/ml
Lamotrigine	4.301	164979	3054.13	84.6	9234.52	920614	101.4679 ng/ml
* Levetiracetam	2.717	802102	3596.72	162.7	3459.23	2283484	99.0695 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1238660	4651.32	57.3	602.30	225091	84.0542 ng/ml
MDA	3.230	2753782	12644.29	24.8	1891.88	749814	103.2712 ng/ml
MDMA	3.316	1877753	9421.52	82.2	11383.75	173383	99.9182 ng/ml
Meprobamate	4.938	932244	23325.50	27.1	392.02	440641	104.9079 ng/ml
Methadone	5.653	1843935	1748.50	48.2	1337.56	819644	99.1020 ng/ml
Methamphetamine	3.258	3765723	96625.45	37.3	1215.45	1371508	115.8739 ng/ml
Metoprolol	4.340	484064	1062.38	91.6	4097.62	2096576	107.5152 ng/ml
Mirtazapine	4.617	2150025	303281.49	49.1	97106.18	1137392	73.6399 ng/ml
Mitragynine	5.230	294481	472428.97	39.6	348903.72	819644	87.1609 ng/ml
Morphine	1.274	120466	7999.11	32.0	466247.69	12767	98.4855 ng/ml
Norbuprenorphine	4.999	4410	25071.10	96.7	3350.82	20859	9.7691 ng/ml
Nordiazepam	5.900	1096450	832.90	55.5	936.91	358113	105.0868 ng/ml
Norfentanyl	4.099	443659	540.90	34.4	225.75	1861043	9.6164 ng/ml
Norhydrocodone	3.086	131885	154.04	42.5	73.99	119106	95.7042 ng/ml
Noroxycodone	2.943	924049	1939.26	43.3	3897.43	313968	100.0795 ng/ml
O-desmethyl-tramadol	3.396	4181351	3113.81	6.8	2781.93	2494237	98.7579 ng/ml
Oxazepam	5.756	1701020	13059.90	73.0	6370.87	657336	108.8854 ng/ml
Oxycodone	2.861	1956159	3903.70	27.8	2974.61	834400	104.6329 ng/ml
Oxymorphone	1.432	889649	∞	43.7	∞	322671	100.4534 ng/ml
Phentermine	3.803	953979	12355.28	4.6	∞	1096217	108.1234 ng/ml
Promethazine	5.538	879617	∞	28.3	1496.60	362257	99.4960 ng/ml
Pseudoephedrine	2.630	4936738	29345.72	16.4	4718.08	2283484	97.3336 ng/ml
Quetiapine	5.528	1380744	247741.44	58.9	20098.39	183946	107.8648 ng/ml
Sertraline	5.769	150710	∞	97.8	2298.03	71400	97.9718 ng/ml
Temazepam	5.823	3155652	23469.13	27.5	1327.08	1368607	104.9177 ng/ml
Tramadol	4.259	4393353	51605.80	3.6	274.76	2096576	105.4985 ng/ml
Trazodone	5.094	1097689	163162.14	81.0	514.76	410290	97.1636 ng/ml
Venlafaxine	5.050	3864561	1482.66	38.1	704.99	1899962	99.9644 ng/ml
Zolpidem	4.867	4493329	219630.99	29.7	6618.87	2102847	108.1133 ng/ml

TS

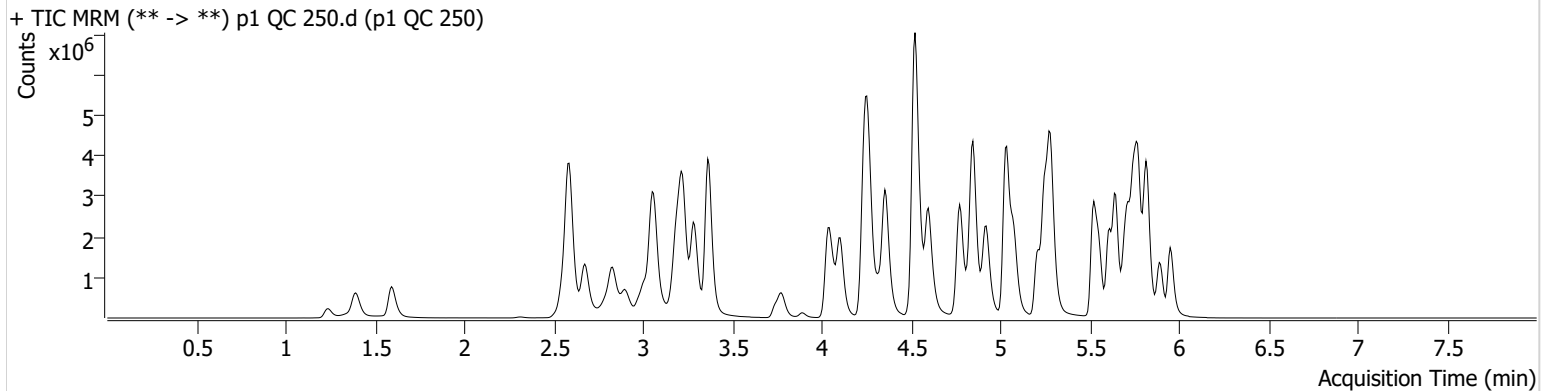


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-F11 **Comment**
Injection Volume 2
Acq. Date-Time 5/19/2021 2:38:41 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	99724	1609.56	69.0	663.37	98262	24.7903 ng/ml
7-aminoclonazepam	4.265	1396843	22304.45	79.8	253.09	208471	246.4304 ng/ml
a-hydroxyalprazolam	5.692	590497	1536.27	56.6	1071.96	390297	216.9034 ng/ml
alpha-PHP	4.923	1246820	15478.21	267.9	175520.17	843821	241.5143 ng/ml
alpha-PVP	4.356	4967978	419958.01	51.7	1707.66	843821	250.7050 ng/ml
Alprazolam	5.775	2859736	1320.65	111.6	1182.94	390297	251.8241 ng/ml
Amphetamine	3.063	6805652	25528.85	48.4	44560.98	340948	219.5203 ng/ml
Benzoylecgonine	3.892	134095	2997.35	7.7	11233.27	21482	244.8240 ng/ml
Buprenorphine	5.697	51399	2290.93	14.4	16023.63	91761	24.0881 ng/ml
Bupropion	4.774	4614059	1125.43	61.3	1403.94	647844	245.6643 ng/ml
Carisoprodol	5.724	2049291	55109.09	56.6	5695.27	405813	241.4881 ng/ml
Citalopram	5.205	2256282	488.82	40.6	20979.87	419094	238.6931 ng/ml
Clonazepam	5.612	3027926	81454.02	32.0	2880.06	151547	260.6032 ng/ml
Clonazepam	5.549	2201379	212528.87	38.7	1943897.45	151547	241.9166 ng/ml
Cocaine	4.257	3671260	7467296.27	51.6	621.87	1344071	252.7181 ng/ml
Codeine	2.566	365539	1486.60	101.4	48366.03	83313	232.7663 ng/ml
Cyclobenzaprine	5.608	898773	1048.98	8.9	219.18	144220	243.8833 ng/ml
Dextromethorphan	5.255	1037403	55242.27	80.0	324.42	196829	247.9356 ng/ml
Dextrophan	4.105	1354555	1984.75	206.9	12462.94	640608	252.0664 ng/ml
Diazepam	5.953	1950072	5458.51	87.7	∞	365100	247.2786 ng/ml
Dihydrocodeine	2.545	1102162	21162.64	65.7	1764.53	292658	243.5840 ng/ml
Diphenhydramine	5.282	5931784	2289.31	32.6	546.23	1432639	243.4289 ng/ml
Doxylamine	4.522	10536722	287331.00	95.5	2037.83	1709629	269.9665 ng/ml
EDDP	5.248	4067827	635.81	41.8	3174.95	840773	249.3084 ng/ml
Etizolam	5.813	1771496	27185.86	24.9	9364.91	151547	239.8019 ng/ml
Fentanyl	5.082	126953	17220.88	66.5	193654.36	237154	23.8622 ng/ml
Flualprazolam	5.698	1250022	81898.69	98.3	9529.98	390297	253.1966 ng/ml
Fluoxetine	5.700	650930	5005.51	8.8	165460.92	113126	240.9740 ng/ml
Hydrocodone	3.012	1600604	704.71	39.9	393.08	848163	244.8095 ng/ml
Hydromorphone	1.595	1454524	12135.07	77.9	8309.96	9157	242.5343 ng/ml
Ketamine	4.037	3626760	53398.66	36.1	24537.76	697979	251.0619 ng/ml
Lamotrigine	4.267	253555	2944.63	81.0	2798.75	697979	206.3428 ng/ml
* Levetiracetam	2.676	1384843	1523.90	165.1	34116.97	1617474	240.6958 ng/ml

p1 QC 250

*Compound not evaluated.

Generated at 7:12 AM on 5/25/2021

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
** Lorazepam	5.740	1500171	8261.99	56.7	3171.58	151547	152.2970 ng/ml
MDA	3.196	4299063	41426.91	23.0	3982.94	485794	250.4481 ng/ml
MDMA	3.290	3477832	44782.78	78.4	40666.63	126876	252.5404 ng/ml
Meprobamate	4.917	1246614	329350.11	27.3	541.15	282758	219.5784 ng/ml
Methadone	5.646	3658604	143199.09	47.2	39105.78	643088	250.1923 ng/ml
Methamphetamine	3.224	6079126	4402.45	37.2	87279.08	1030558	250.4688 ng/ml
Metoprolol	4.319	865014	763839.98	91.0	10943.66	1562203	258.7633 ng/ml
Mirtazapine	4.597	4315127	52769.02	49.7	17719.44	843821	199.8176 ng/ml
Mitragynine	5.210	607869	202485.52	38.3	1567.67	643088	229.8841 ng/ml
Morphine	1.240	219631	9940.35	33.1	481.50	9157	250.5453 ng/ml
Norbuprenorphine	4.986	8095	3629.99	94.9	13567.41	15620	24.0950 ng/ml
Nordiazepam	5.900	1822980	66143.54	56.7	11377.38	255673	245.0128 ng/ml
Norfentanyl	4.079	820561	91531.30	34.4	1494.10	1378141	23.9429 ng/ml
Norhydrocodone	3.053	198980	∞	42.3	730.33	69918	245.3631 ng/ml
Noroxycodone	2.903	1527602	4690.92	42.8	922.57	210252	247.0943 ng/ml
O-desmethyl-tramadol	3.362	8182864	78763.93	6.5	1081.03	1916868	250.9773 ng/ml
Oxazepam	5.749	2261554	10684.08	73.4	∞	375557	253.7976 ng/ml
Oxycodone	2.827	3653701	1201.87	27.2	1521.30	661001	246.8526 ng/ml
Oxymorphone	1.391	1500413	∞	44.2	1494.41	221023	247.5619 ng/ml
Phentermine	3.776	1583365	3526.55	4.1	191.22	838227	235.8035 ng/ml
Promethazine	5.525	1930965	970.40	27.8	10782.80	324565	243.1737 ng/ml
Pseudoephedrine	2.589	8900889	7177.94	15.7	3689.29	1617474	246.9235 ng/ml
Quetiapine	5.514	2655083	65922.44	58.3	1035660.22	148824	256.8731 ng/ml
Sertraline	5.762	295676	776.80	97.8	1413.90	56426	243.0486 ng/ml
Temazepam	5.823	4800510	44176.75	28.2	585.45	895191	243.2425 ng/ml
Tramadol	4.239	8150533	154754.20	3.5	3172.26	1562203	263.1964 ng/ml
Trazodone	5.074	2241676	2052.03	80.3	3924.78	329084	246.1282 ng/ml
Venlafaxine	5.037	7399603	3525.86	36.9	1411.10	1447654	250.6461 ng/ml
Zolpidem	4.846	8605240	10779.02	29.3	7176.88	1690520	257.9633 ng/ml

**Outside curve range.

TS

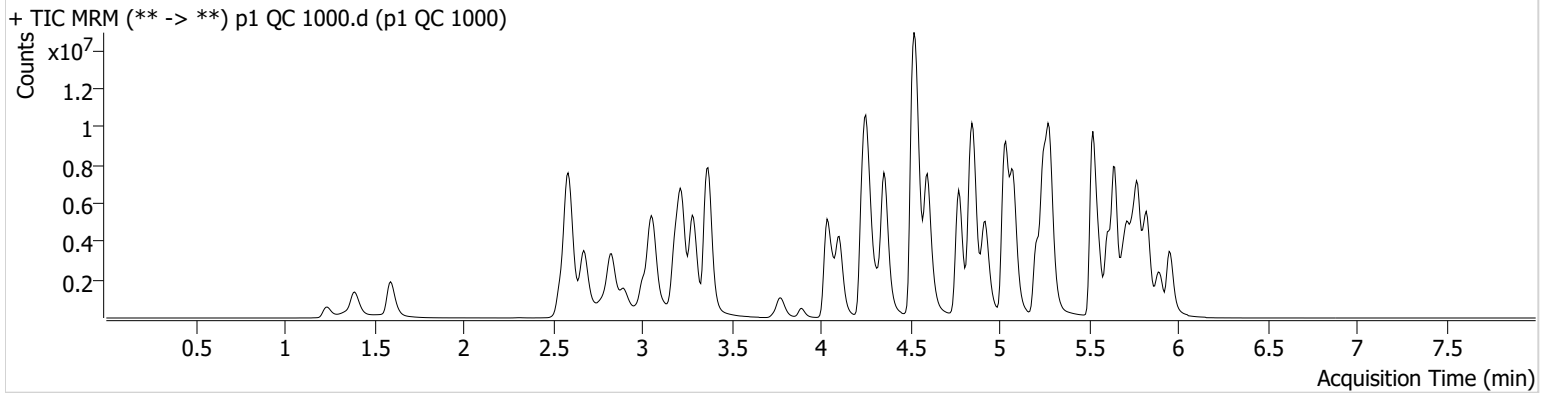


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-E11	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 2:59:57 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	339147	572.77	69.8	1501155.58	81259	101.7888 ng/ml
7-aminoclonazepam	4.278	2350188	27838.32	79.4	9440.31	87569	987.1737 ng/ml
** a-hydroxyalprazolam	5.685	829775	194.97	59.2	217.76	220798	540.7397 ng/ml
alpha-PHP	4.923	3030262	53575.11	279.3	3608.04	550804	899.8670 ng/ml
alpha-PVP	4.356	13452541	185684.45	51.9	135287.28	550804	1039.0392 ng/ml
Alprazolam	5.775	6254347	878.30	109.2	2936.32	220798	972.5085 ng/ml
** Amphetamine	3.063	12258745	51476.15	48.1	7733.87	188795	715.8458 ng/ml
Benzoylcegonine	3.892	576284	2796.36	7.7	206212.17	21059	1073.0808 ng/ml
Buprenorphine	5.697	98657	4857.36	14.4	18367.13	54894	77.7460 ng/ml
Bupropion	4.774	11694152	4126.52	61.0	3965.92	398708	1011.3071 ng/ml
Carisoprodol	5.724	3596368	158928.99	55.8	12141.01	160438	1070.1856 ng/ml
Citalopram	5.212	5673332	2117.68	40.5	3621.14	254784	986.2379 ng/ml
Clonazepam	5.612	5162637	16796.27	31.3	66266.90	75917	888.6686 ng/ml
Clonazepam	5.555	4516829	88215.56	37.0	2958130.20	75917	989.3457 ng/ml
Cocaine	4.257	9704243	469779.13	50.7	2364.79	840836	1066.7839 ng/ml
** Codeine	2.566	793207	510.95	95.4	6851.21	59411	709.4536 ng/ml
Cyclobenzaprine	5.608	4141891	4113.93	8.7	833.41	153676	1053.1025 ng/ml
Dextromethorphan	5.255	2425163	581.03	80.2	546.16	111220	1025.4906 ng/ml
Dextrophan	4.105	3303520	1225.15	212.8	255380.00	379692	1036.9991 ng/ml
Diazepam	5.953	4848210	401.51	87.3	27955.34	232499	965.7385 ng/ml
** Dihydrocodeine	2.545	2936881	1778.28	67.5	23039.38	260035	731.7612 ng/ml
Diphenhydramine	5.282	14369376	503389.12	33.0	∞	845162	998.3268 ng/ml
Doxylamine	4.522	27375898	210435.40	97.5	324935.92	1322030	907.1916 ng/ml
EDDP	5.248	12700812	10812.39	40.5	827.96	619243	1055.4934 ng/ml
** Etizolam	5.813	4616152	8644.51	24.9	1587264.70	75917	1244.1031 ng/ml
Fentanyl	5.082	438971	318.25	68.8	608.51	183158	106.6529 ng/ml
Flualprazolam	5.705	2581862	52225.33	95.7	42043.62	220798	924.5647 ng/ml
Fluoxetine	5.700	2276659	6135.70	8.5	239631.34	101623	938.4902 ng/ml
Hydrocodone	3.005	4630606	456.45	39.6	601.39	685517	877.9885 ng/ml
Hydromorphone	1.595	4033484	18411947.06	78.1	10193741.5	6867	898.2849 ng/ml
Ketamine	4.037	10641285	1136682.43	35.5	127247.10	541482	950.0527 ng/ml
** Lamotrigine	4.273	476770	9269.32	80.6	70879.68	541482	501.0409 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Levetiracetam	2.676	3798002	75320.18	168.2	133136.89	944953	1127.9255 ng/ml
** Lorazepam	5.740	1552629	27881.04	57.2	600.20	75917	316.1092 ng/ml
MDA	3.189	7745567	4767.32	22.3	6834.13	265499	828.2482 ng/ml
MDMA	3.283	8790210	15802.30	77.6	117850.23	80248	1008.4748 ng/ml
** Meprobamate	4.917	2339016	18652.44	27.2	6088.61	186068	627.7323 ng/ml
Methadone	5.646	10733277	165132.98	48.2	183853.33	450819	1046.1496 ng/ml
Methamphetamine	3.224	12895023	111475.94	36.2	56660.02	655313	838.6221 ng/ml
Metoprolol	4.319	2002032	11366.82	91.3	6076.21	1094101	856.6361 ng/ml
Mirtazapine	4.597	12424707	290303.25	49.7	18597.54	550804	882.6177 ng/ml
Mitragynine	5.210	1782289	139891.28	39.2	2529.38	450819	962.6045 ng/ml
Morphine	1.240	619077	17663.75	32.8	∞	6867	942.0638 ng/ml
Norbuprenorphine	4.986	20123	10184.54	97.3	8303.56	9657	97.1851 ng/ml
Nordiazepam	5.900	3813338	1273.12	55.8	2379.68	137032	956.8885 ng/ml
Norfentanyl	4.072	2371034	53386.32	33.7	11897.24	861373	110.5080 ng/ml
Norhydrocodone	3.053	586207	2446.92	41.6	108.31	44601	1131.7558 ng/ml
Noroxycodone	2.896	3317534	622.21	42.5	20764.58	112760	1000.6567 ng/ml
O-desmethyl-tramadol	3.370	22384044	∞	7.0	664.06	1385007	949.2756 ng/ml
Oxazepam	5.749	2114928	∞	73.6	10882.62	97026	919.4944 ng/ml
Oxycodone	2.827	11475054	132861.65	26.6	5645.10	536515	955.4899 ng/ml
Oxymorphone	1.391	4218294	1019.56	42.4	∞	158370	971.8117 ng/ml
** Phentermine	3.776	3320616	526.41	4.0	220.56	548536	757.7876 ng/ml
Promethazine	5.525	9019450	52675.61	27.4	1288.89	351726	1046.7508 ng/ml
Pseudoephedrine	2.589	22184979	281964.69	15.6	70508.20	944953	1051.7024 ng/ml
Quetiapine	5.514	8480369	148217.08	57.5	129303.16	126545	965.9112 ng/ml
Sertraline	5.762	1179976	25622.68	99.1	18630.63	57390	953.3331 ng/ml
Temazepam	5.830	7556991	47871.57	27.7	20818.37	314369	1088.3569 ng/ml
Tramadol	4.239	19383892	1446.31	3.7	2610.32	1094101	894.5961 ng/ml
Trazodone	5.074	9058847	817629.88	80.9	391117.52	265940	1227.5298 ng/ml
Venlafaxine	5.038	19341557	∞	38.4	70142.26	929585	1019.1396 ng/ml
Zolpidem	4.853	23949919	256515.04	33.4	6293.30	1445773	840.1714 ng/ml

*Compound not evaluated.

**Outside curve range.

TS

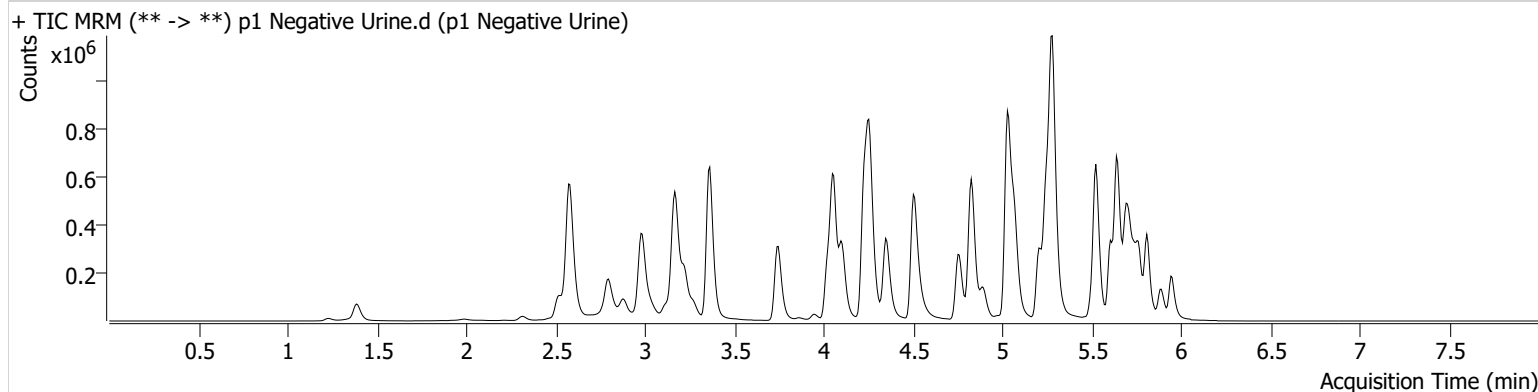


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B11	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 4:14:15 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.224	141383	900.48	36.9	267.61	1020217	4.5888 ng/ml ³²

TS

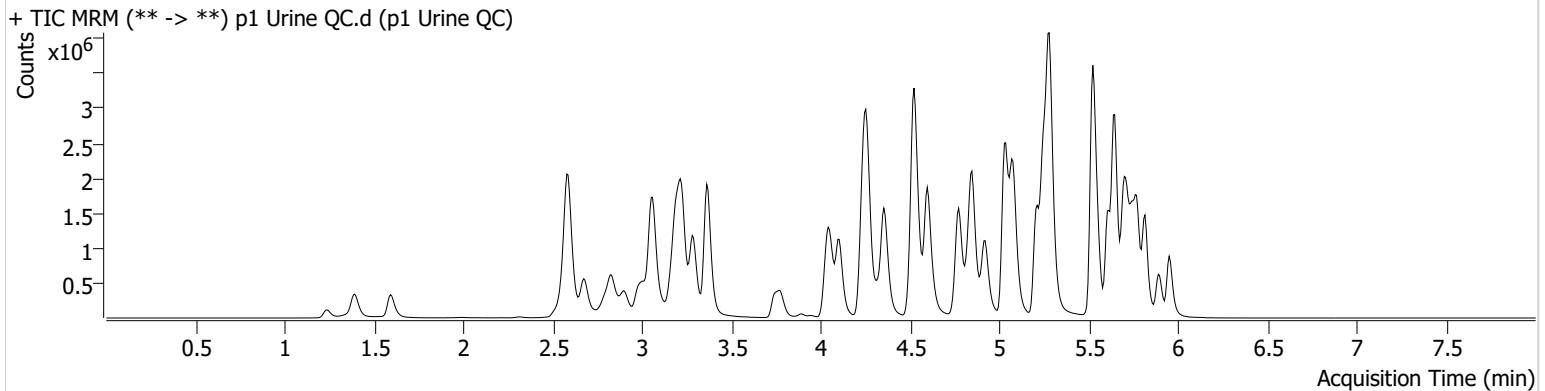


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument Falco (069901) **Data File** p1 Urine QC.d
Type QC **Sample** p1 Urine QC
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-D11 **Comment**
Injection Volume 2
Acq. Date-Time 5/19/2021 3:31:48 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	38613	372.46	72.4	1435.64	92278	10.2515 ng/ml
7-aminoclonazepam	4.265	702203	2539.80	79.4	361.55	245767	105.0612 ng/ml
a-hydroxyalprazolam	5.692	250010	597.65	58.9	421.99	305733	116.6275 ng/ml
alpha-PHP	4.923	584225	4071.85	263.6	8379.44	897449	106.2743 ng/ml
alpha-PVP	4.356	2164287	60447.12	51.9	1917.93	897449	102.8760 ng/ml
Alprazolam	5.775	950029	10853.73	110.8	1581.91	305733	107.0041 ng/ml
Amphetamine	3.063	3560584	24185.60	49.6	1699.73	387461	100.6388 ng/ml
Benzoylcegonine	3.892	56214	360.27	7.5	10341.08	20459	107.7952 ng/ml
Buprenorphine	5.697	47164	1325.18	13.8	2560.69	173744	11.5668 ng/ml
Bupropion	4.774	2412016	3009.77	61.1	184290.09	791318	105.2062 ng/ml
Carisoprodol	5.724	837144	92148.41	56.2	5058.36	377418	106.3588 ng/ml
Citalopram	5.205	1809526	673.13	41.0	2059.56	778260	103.2682 ng/ml
Clonazepam	5.612	1065482	3906.07	31.6	4794.96	123481	112.1462 ng/ml
Clonazepam	5.549	687760	60418.98	38.4	10612.12	123481	93.0601 ng/ml
Cocaine	4.257	1612828	1692.04	51.6	787.54	1410903	105.9482 ng/ml
Codeine	2.566	178955	8506.83	101.6	3342.28	87031	108.7855 ng/ml
Cyclobenzaprine	5.608	1351690	17105.37	9.0	420.65	510500	103.9046 ng/ml
Dextromethorphan	5.255	1089835	1658.38	80.6	13794.93	489603	104.7591 ng/ml
Dextrophan	4.105	635488	42510.99	208.7	1121.81	731598	103.5844 ng/ml
Diazepam	5.953	852836	4947.74	87.0	5808.90	366227	107.7454 ng/ml
Dihydrocodeine	2.545	472404	752.14	65.9	1392.98	269010	113.2443 ng/ml
Diphenhydramine	5.282	4571051	12057.56	32.7	387.27	2652880	101.5402 ng/ml
Doxylamine	4.523	4614060	5200.46	95.6	12314.07	1806275	111.8597 ng/ml
EDDP	5.248	2081304	362.87	42.0	301.61	1020754	105.3144 ng/ml
Etizolam	5.813	645872	10988.65	26.2	398722.98	123481	107.7330 ng/ml
Fentanyl	5.082	182742	5390.72	67.7	7851.43	816374	10.0084 ng/ml
Flualprazolam	5.705	481506	8674.34	100.1	7052.49	305733	124.4807 ng/ml
Fluoxetine	5.700	1601165	65851.00	8.6	1568.26	626540	106.9732 ng/ml
Hydrocodone	3.012	711999	3371.25	39.3	272.26	822044	112.0006 ng/ml
Hydromorphone	1.595	603099	976076.98	77.1	1504373.77	9731	94.2984 ng/ml
Ketamine	4.037	1526096	754.46	36.8	2677.44	695628	105.8946 ng/ml
Lamotrigine	4.267	138952	1911.29	80.9	2741.62	695628	113.1733 ng/ml
Levetiracetam	2.676	549108	670.66	167.8	4553.12	1733120	89.4118 ng/ml

p1 Urine QC

*Compound not evaluated.

Generated at 7:12 AM on 5/25/2021

TS

AM #28 Multi-Drug Quant. Results



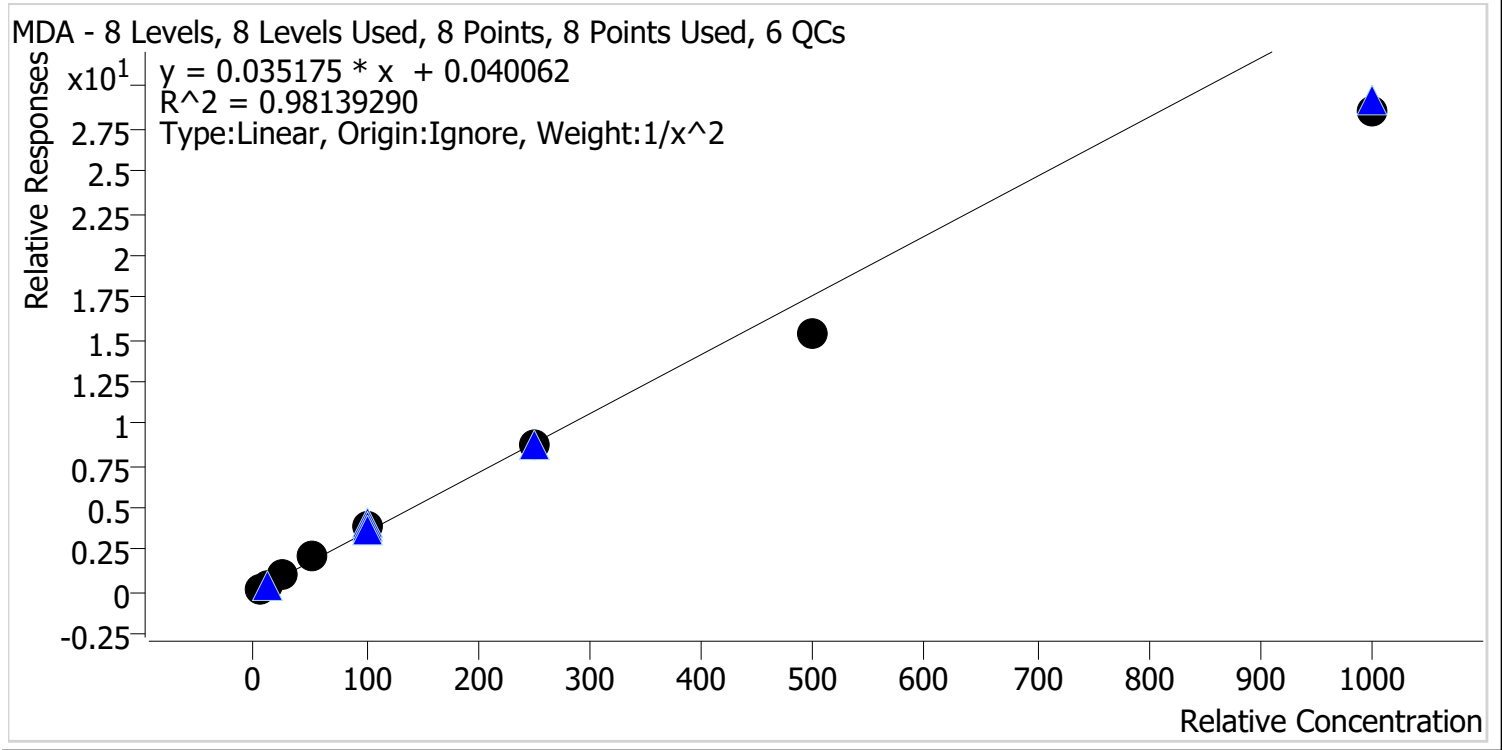
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	551450	3914.39	58.4	227.81	123481	67.9553 ng/ml
MDA	3.196	2478964	4536.66	23.9	2216.37	588413	118.6329 ng/ml
MDMA	3.290	1656605	12836.05	77.0	5329.60	141977	107.6313 ng/ml
Meprobamate	4.917	570351	40045.72	27.3	1200.97	274573	102.9864 ng/ml
Methadone	5.646	3230868	69244.46	47.5	6786.88	1390896	102.3171 ng/ml
Methamphetamine	3.224	2894154	1470.70	37.4	2206.90	1071036	114.0179 ng/ml
Metoprolol	4.319	402544	6837.27	90.8	3967.28	1631386	114.9487 ng/ml
Mirtazapine	4.597	3135530	61247.11	50.2	8925.88	897449	136.4067 ng/ml
Mitragynine	5.210	721132	4070.86	39.2	449.25	1390896	125.9346 ng/ml
Morphine	1.240	98321	4125.47	34.0	2167.60	9731	105.4634 ng/ml
Norbuprenorphine	4.979	6604	10383.70	108.0	23.65	30913	9.8727 ng/ml
Nordiazepam	5.900	731277	80114.01	56.0	6160.50	230261	109.0117 ng/ml
Norfentanyl	4.079	365831	2106.91	33.9	432.36	1472762	10.0179 ng/ml
Norhydrocodone	3.053	85206	106.14	41.1	99.33	77450	95.0897 ng/ml
Noroxycodone	2.903	748924	1380.42	42.6	7693.05	239227	106.4554 ng/ml
O-desmethyl-tramadol	3.369	3122043	1248.83	6.8	646.55	1788978	102.7947 ng/ml
Oxazepam	5.749	668231	2061.09	72.9	322.91	302501	92.9040 ng/ml
Oxycodone	2.827	1581262	2599.20	27.0	1184.26	648923	108.7594 ng/ml
Oxymorphone	1.391	681923	∞	43.3	∞	224261	110.8030 ng/ml
Phentermine	3.777	801897	∞	4.3	116.06	917550	108.5882 ng/ml
Promethazine	5.525	3510029	27293.63	27.4	1343.05	1370801	104.8990 ng/ml
Pseudoephedrine	2.589	3914266	3168.59	16.1	9555.83	1733120	101.6577 ng/ml
Quetiapine	5.514	1963822	407.46	57.7	86179.49	262472	107.5157 ng/ml
Sertraline	5.769	323910	2013.35	98.5	1236.60	158612	94.7904 ng/ml
Temazepam	5.816	1288207	2089.84	30.0	505.99	589268	99.5045 ng/ml
Tramadol	4.239	3502811	1388.97	3.6	242.46	1631386	108.1074 ng/ml
Trazodone	5.074	2327546	52354.60	80.9	1771.60	879456	96.1257 ng/ml
Venlafaxine	5.037	3313097	133405.27	38.4	1364.61	1570152	103.6870 ng/ml
Zolpidem	4.846	3641411	4402.82	30.4	4020.44	1718151	107.2302 ng/ml



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	58.2	116.4
p1 Cal 5-100ng	5	✓	100.0	108.6	108.6
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	437.3	87.5
p1 Cal 8-1000ng	8	✓	1000.0	813.0	81.3

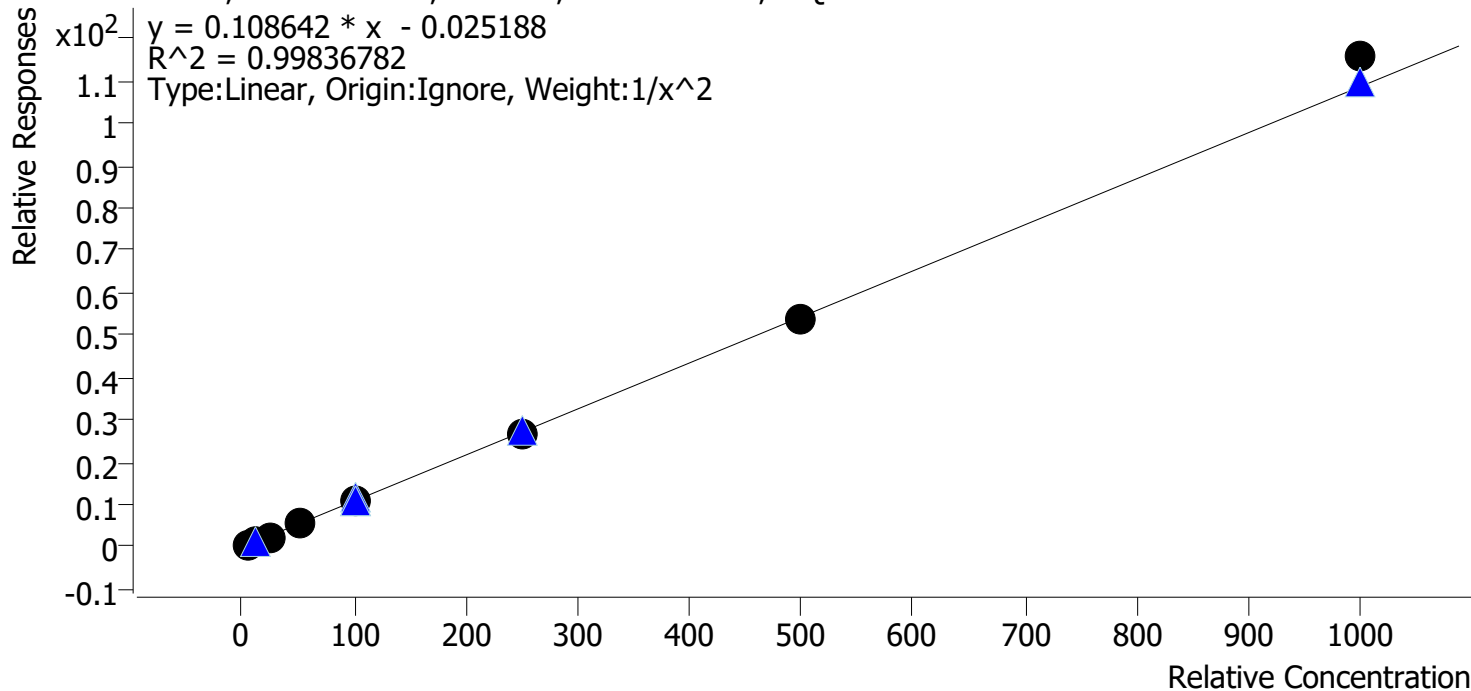
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte MDMA Internal Standard MDMA-D6

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



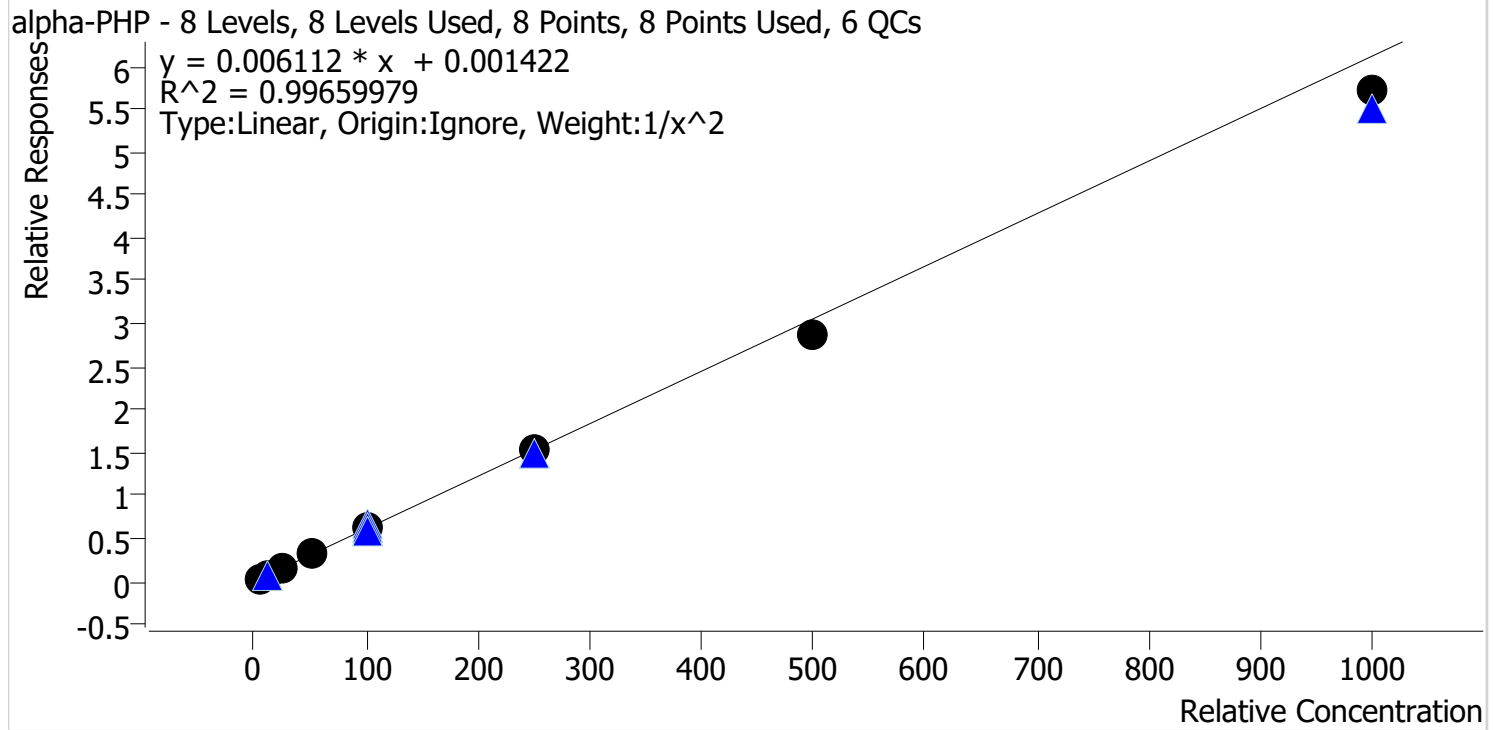
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	247.6	99.1
p1 Cal 7-500ng	7	✓	500.0	498.3	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1065.4	106.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	472.0	94.4
p1 Cal 8-1000ng	8	✓	1000.0	934.4	93.4

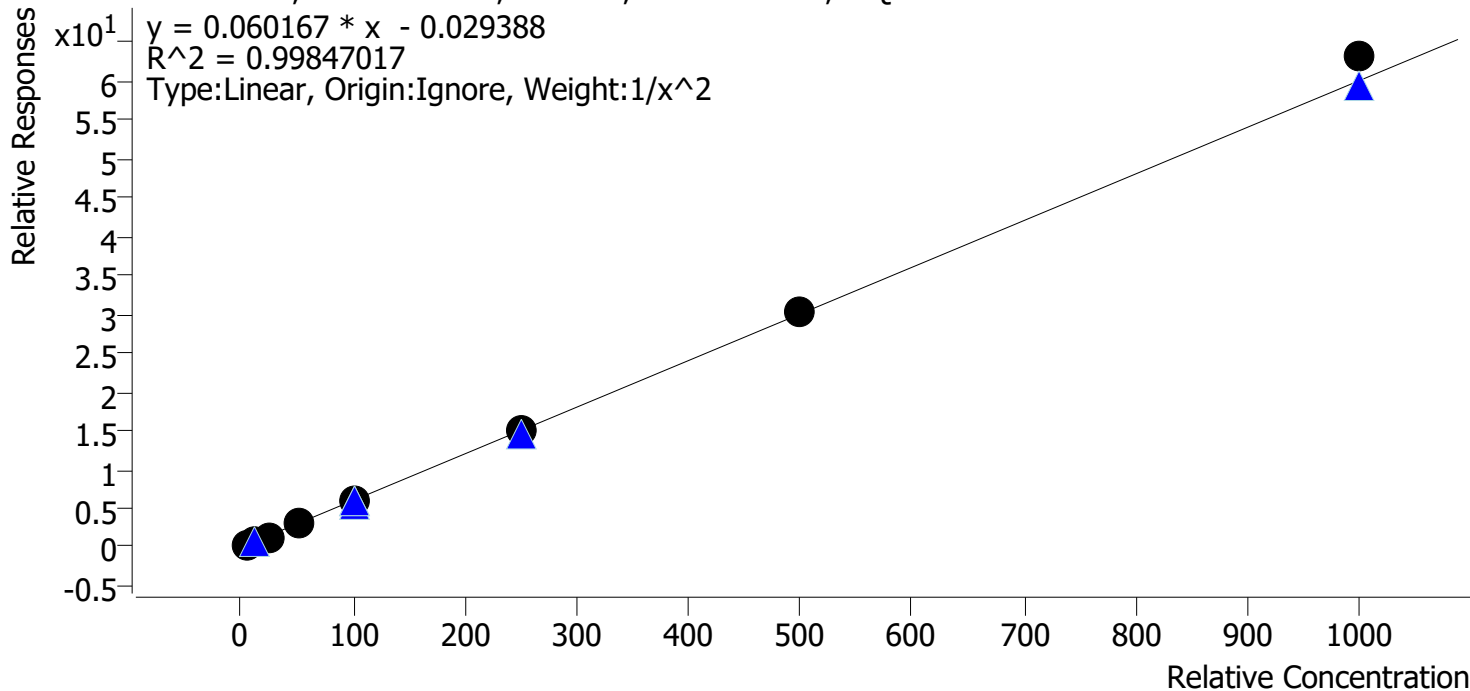
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	502.5	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1051.6	105.2

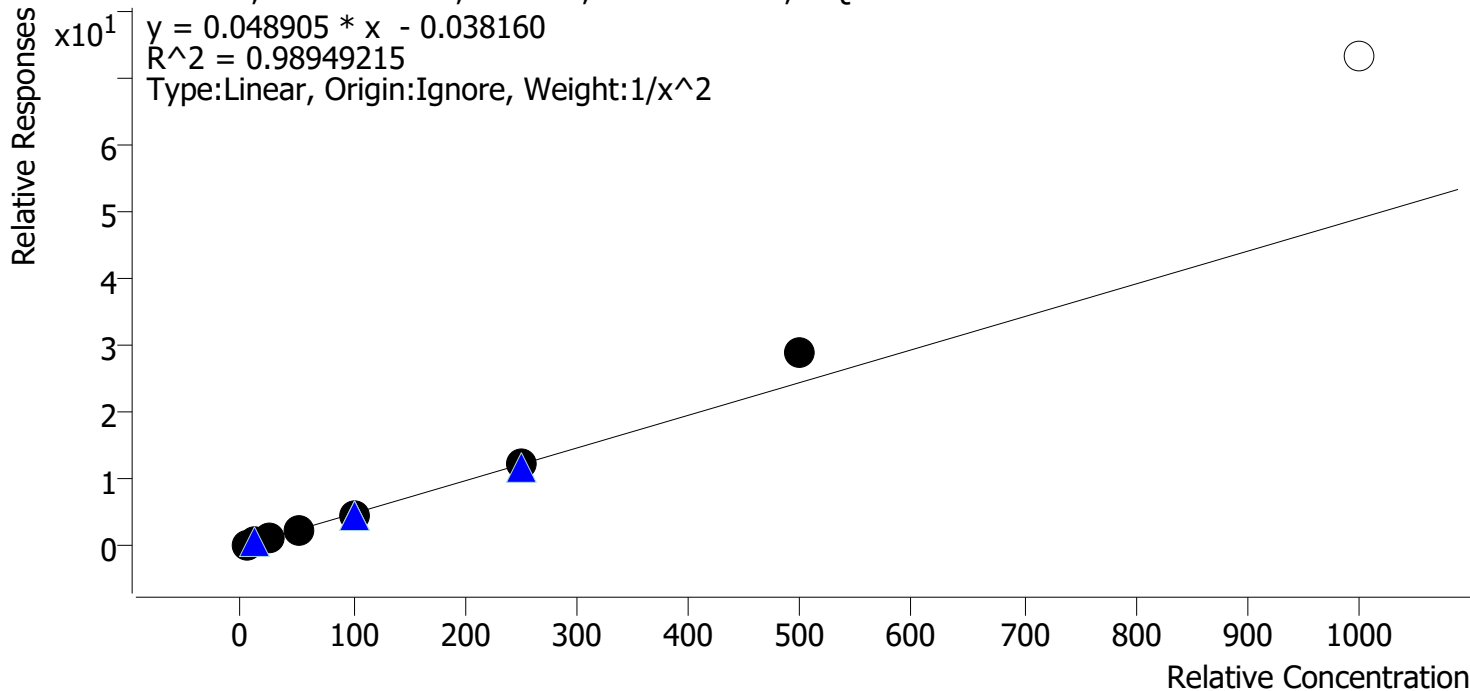
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 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	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.5
p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	586.9	117.4
p1 Cal 8-1000ng	8	✗	1000.0	1493.5	149.3

Calibrator 8 dropped due to not meeting accuracy requirements.

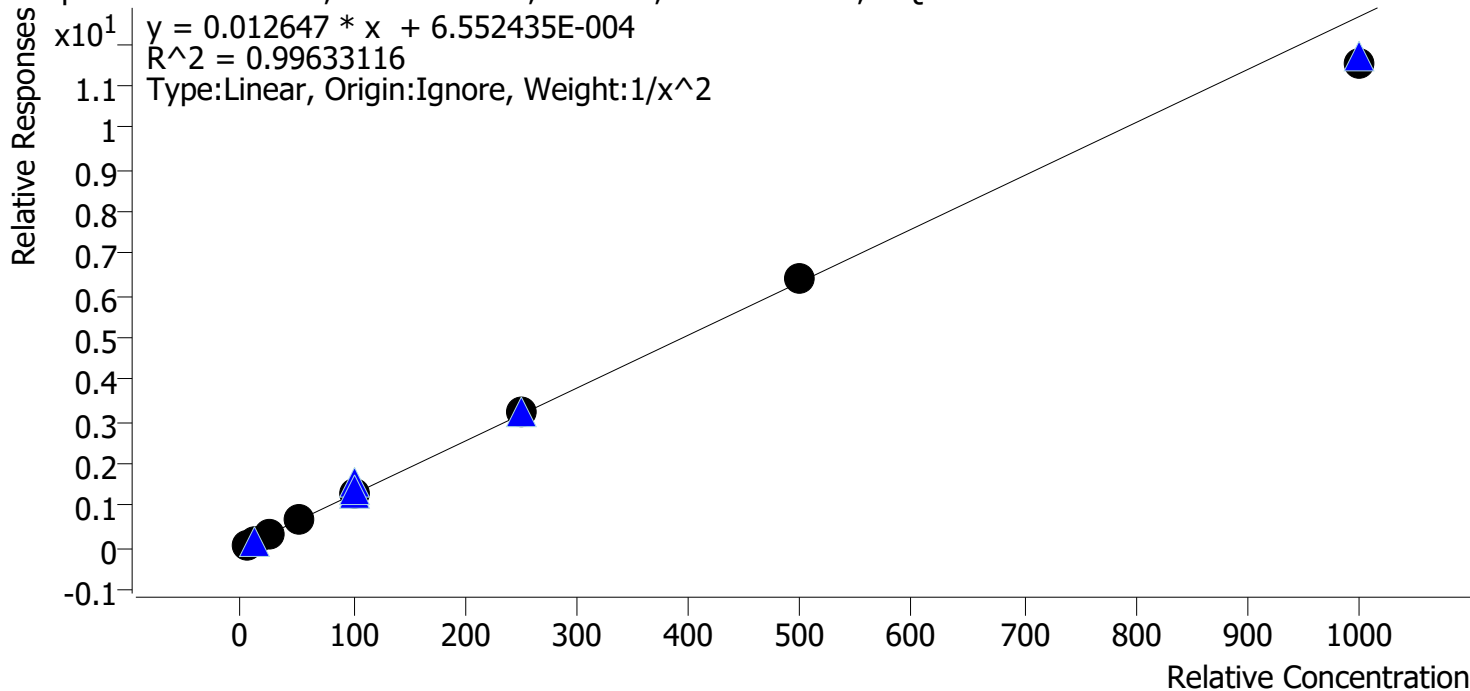
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

Flualprazolam - 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	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	509.5	101.9
p1 Cal 8-1000ng	8	✓	1000.0	908.7	90.9

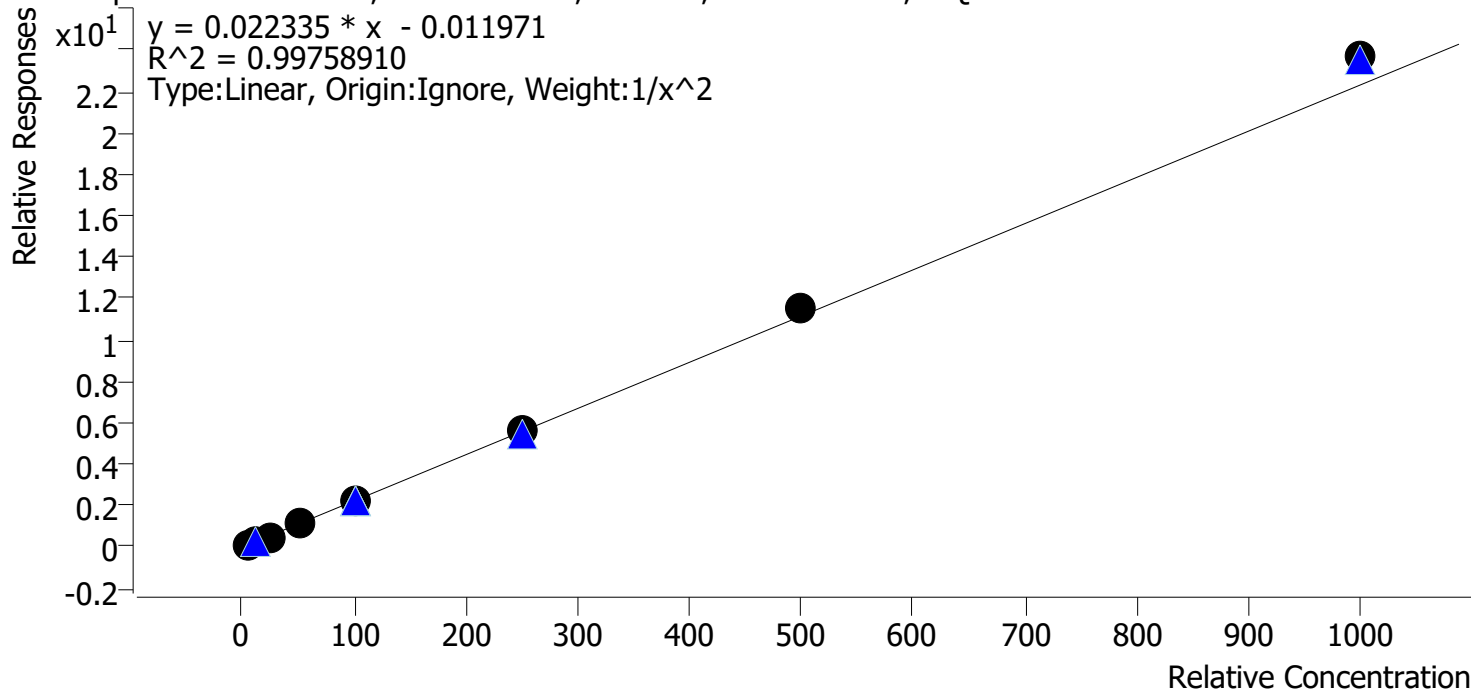
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.2	93.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1061.5	106.1

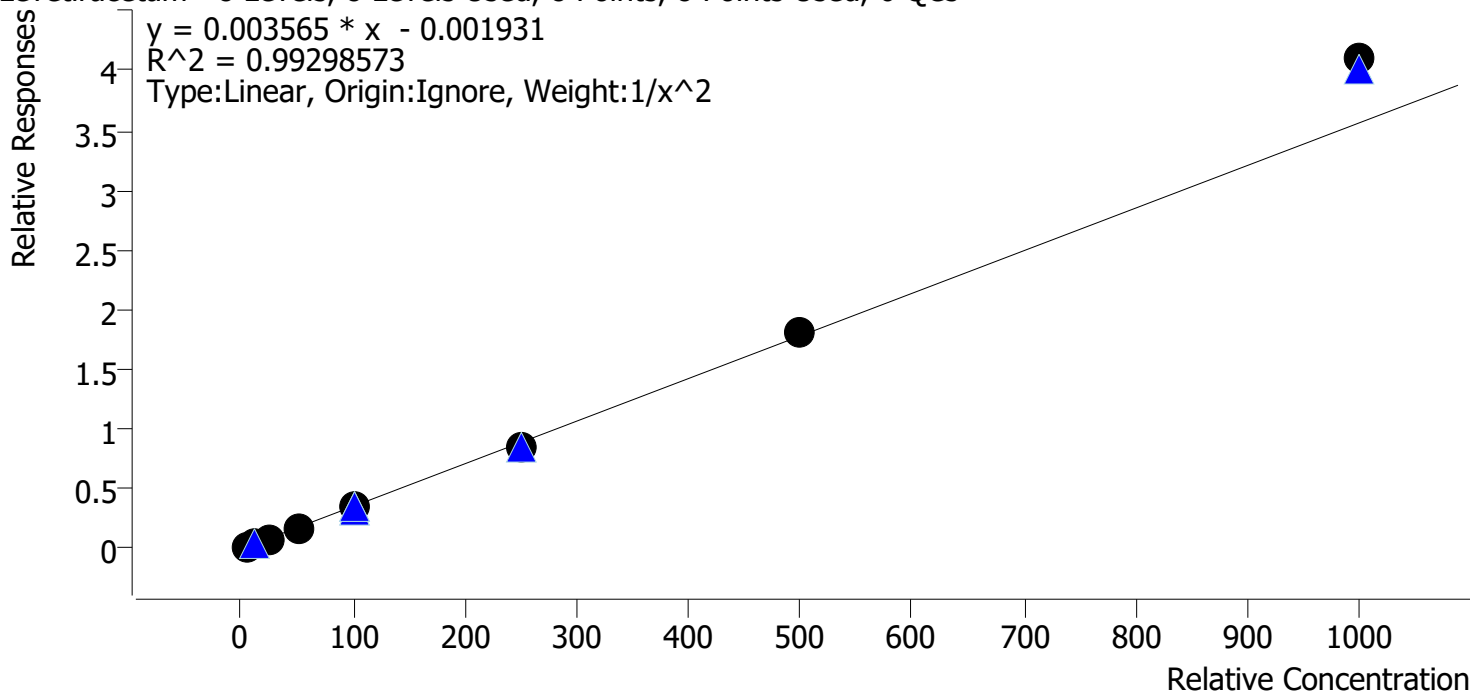
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng	2	✓	10.0	9.4	94.5
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1150.9	115.1

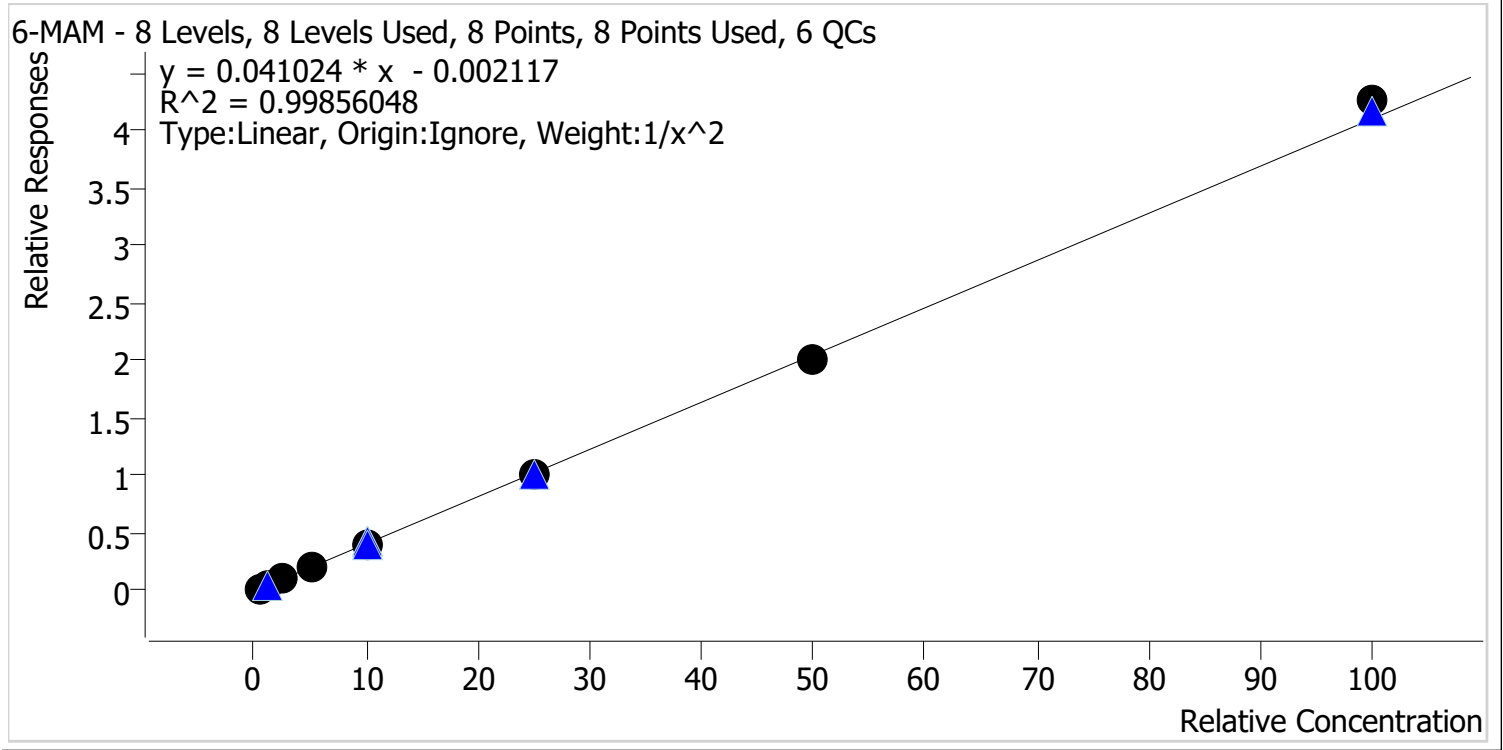
Compound not evaluated.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



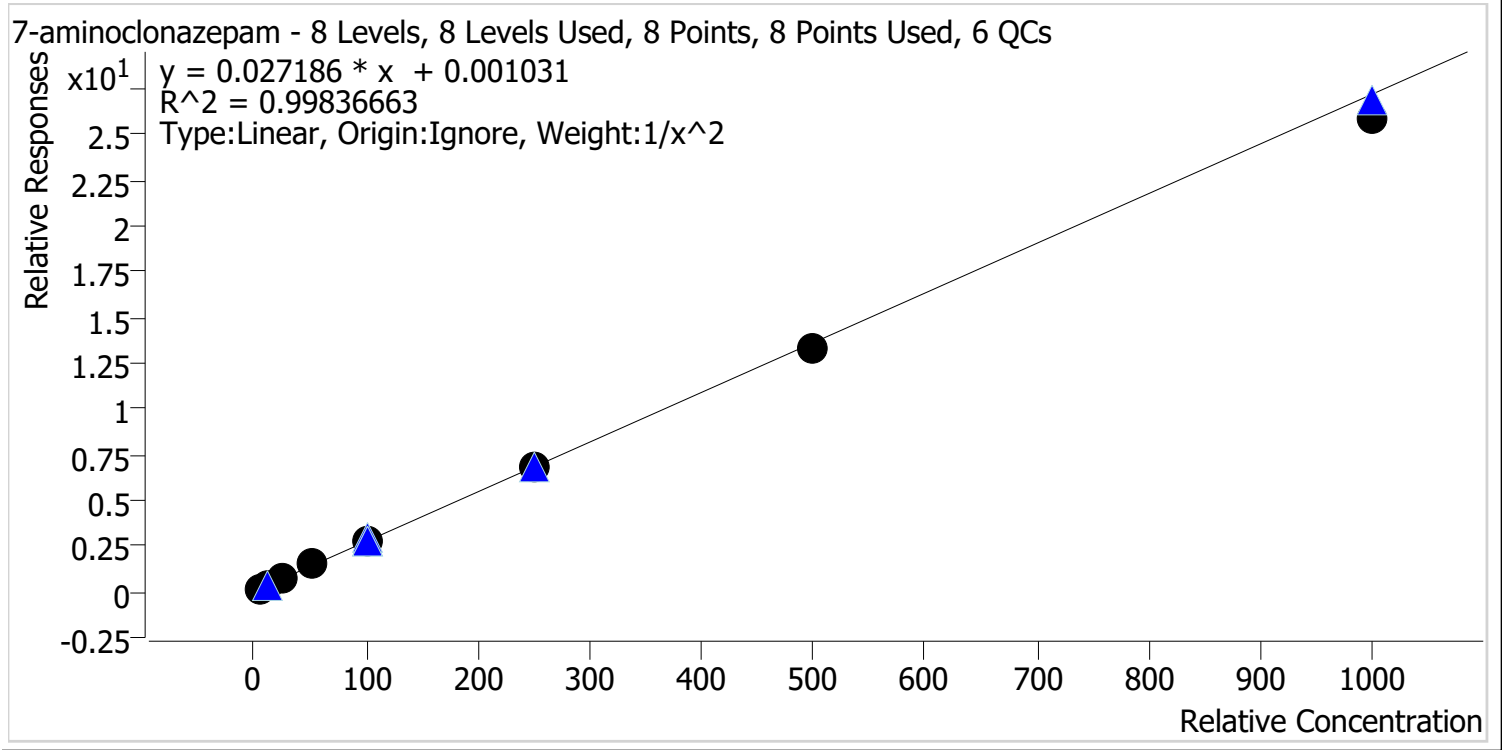
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.1
p1 Cal 2-10ng	2	✓	1.0	1.0	103.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.0
p1 Cal 4-50ng	4	✓	5.0	5.2	104.3
p1 Cal 5-100ng	5	✓	10.0	9.6	96.4
p1 Cal 6-250ng	6	✓	25.0	24.7	98.8
p1 Cal 7-500ng	7	✓	50.0	49.3	98.5
p1 Cal 8-1000ng	8	✓	100.0	103.9	103.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



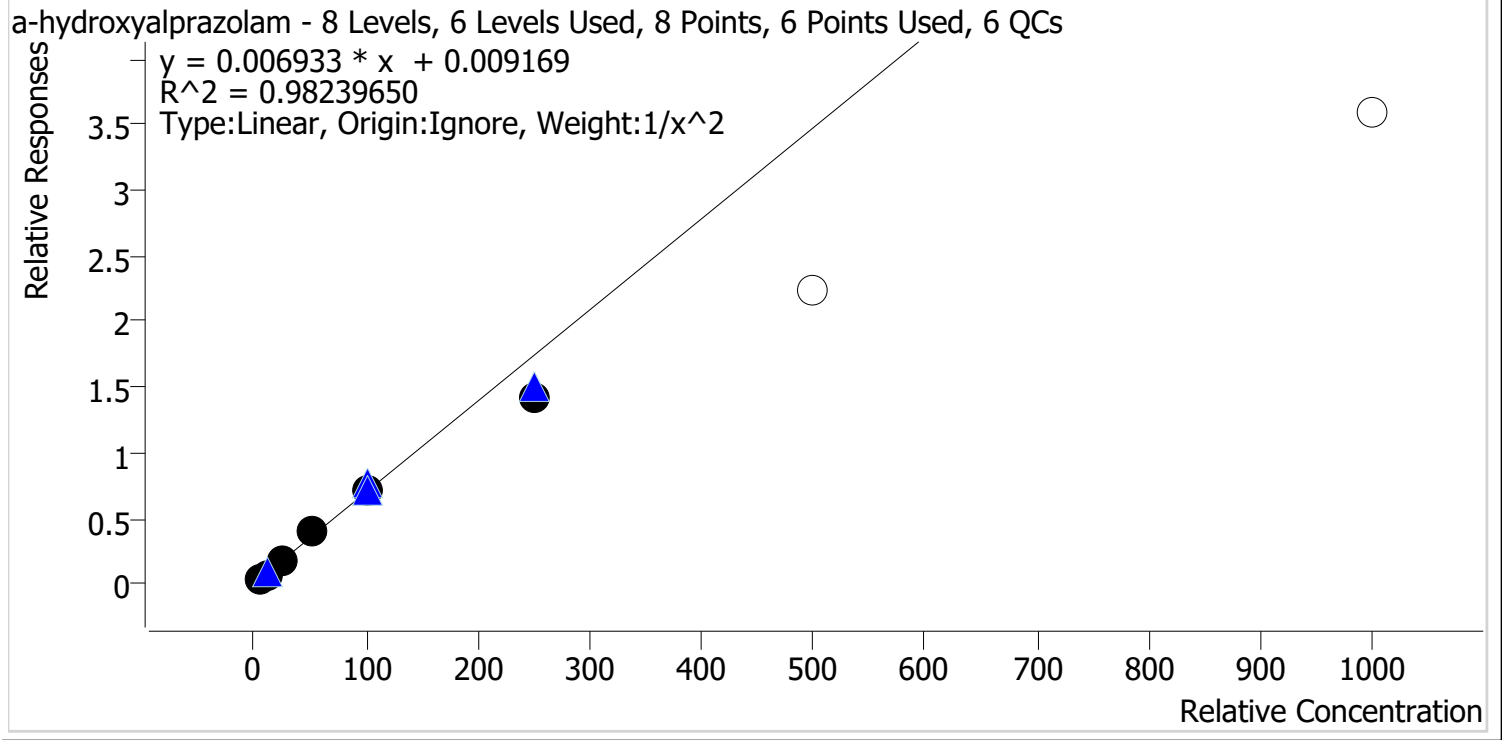
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	952.3	95.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	58.2	116.3
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	205.7	82.3
p1 Cal 7-500ng	7	x	500.0	319.7	63.9
p1 Cal 8-1000ng	8	x	1000.0	515.3	51.5

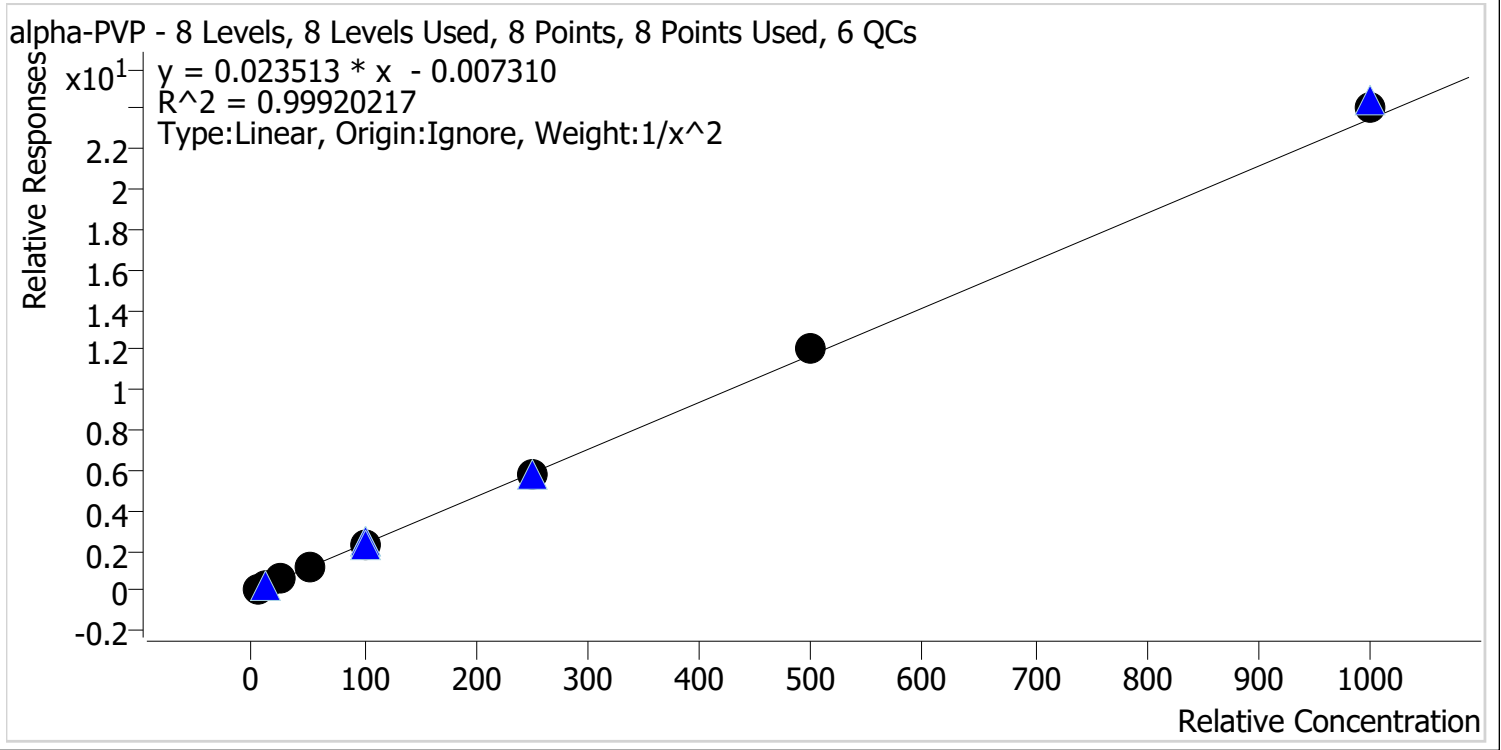
Calibrator 7 and 8 dropped due to not meeting accuracy requirements.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte alpha-PVP Internal Standard alpha-PVP-d8



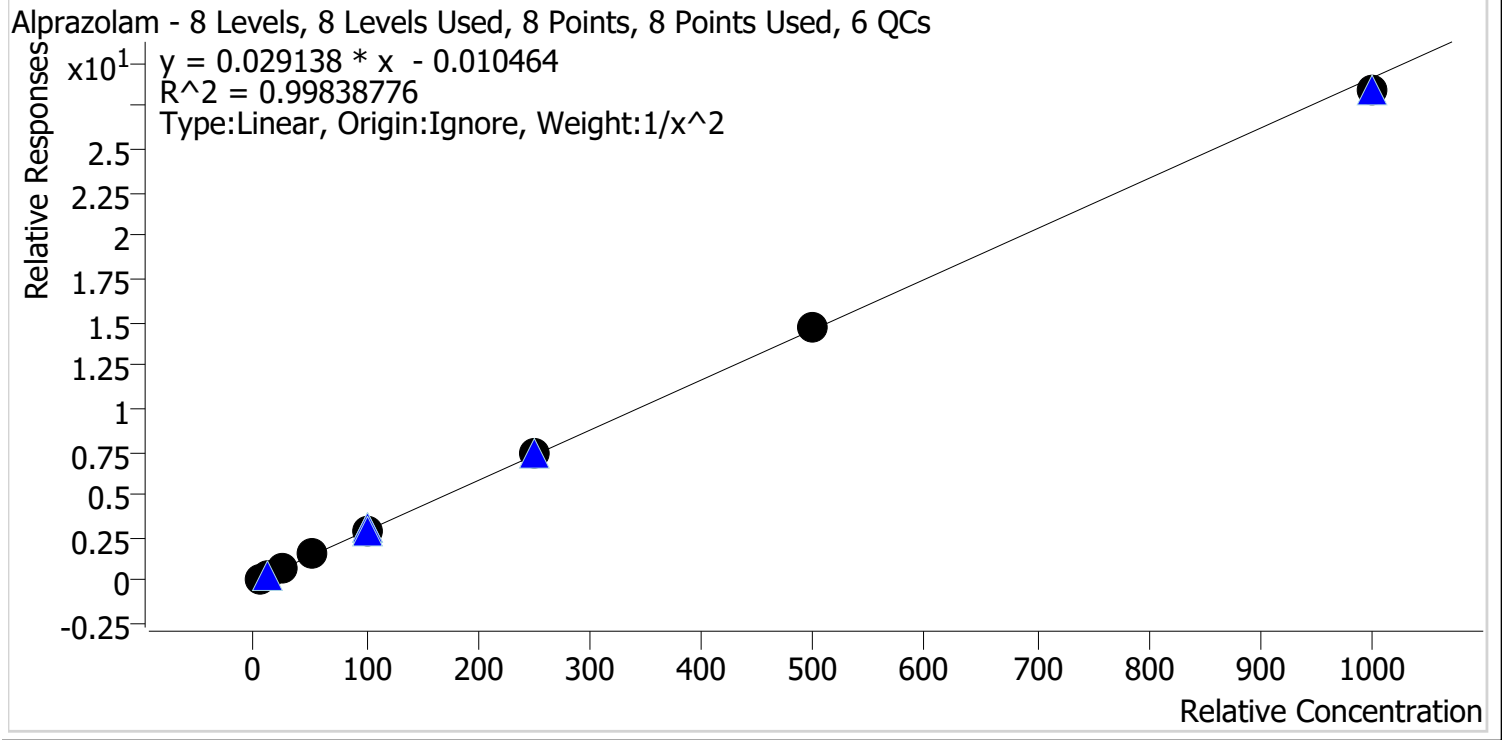
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1027.7	102.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	974.6	97.5

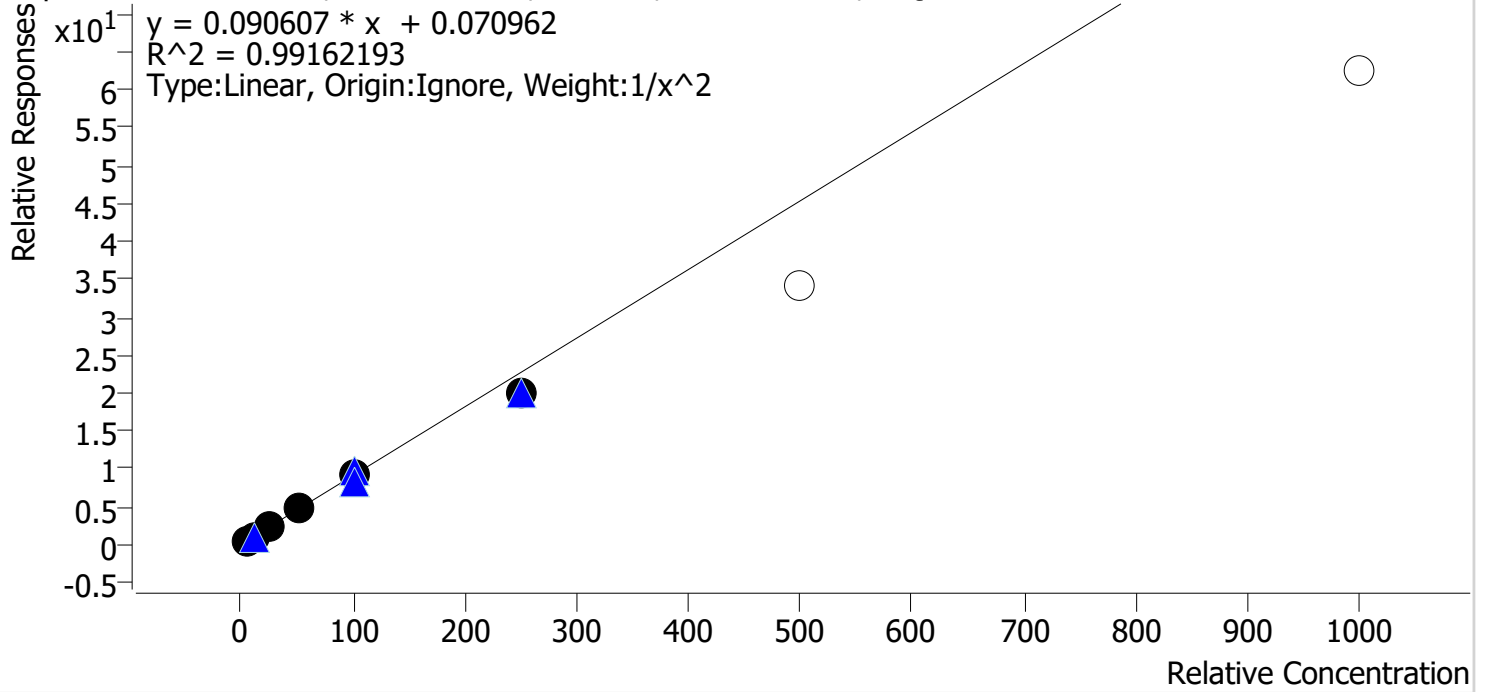


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Amphetamine Internal Standard Amphetamine-D11

Amphetamine - 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	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	218.3	87.3
p1 Cal 7-500ng	7	x	500.0	376.7	75.3
p1 Cal 8-1000ng	8	x	1000.0	688.6	68.9

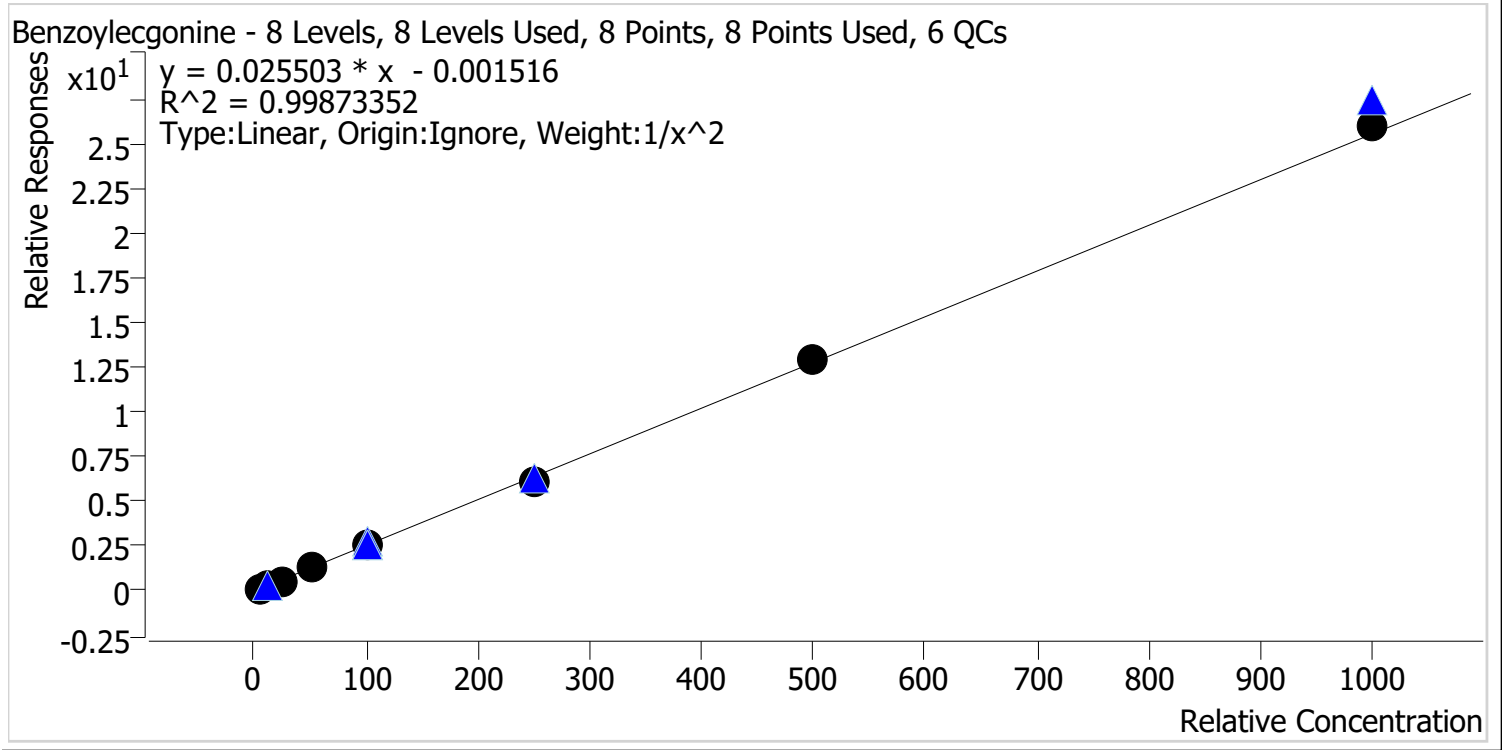
Calibrator 7 and 8 dropped due to not meeting accuracy requirements.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	242.4	96.9
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1015.4	101.5

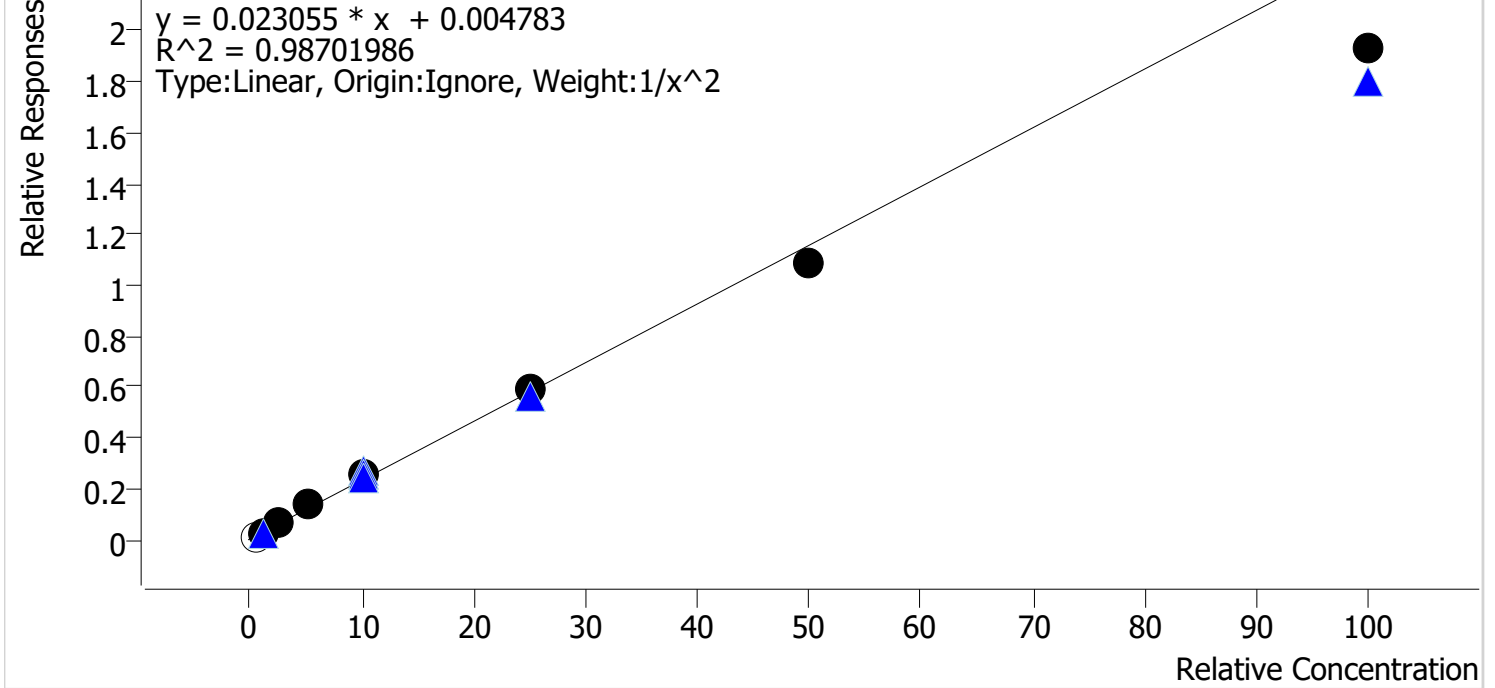


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 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	x	0.5	0.3	66.2
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.3
p1 Cal 4-50ng	4	✓	5.0	5.6	112.8
p1 Cal 5-100ng	5	✓	10.0	10.9	109.0
p1 Cal 6-250ng	6	✓	25.0	25.6	102.3
p1 Cal 7-500ng	7	✓	50.0	47.1	94.2
p1 Cal 8-1000ng	8	✓	100.0	83.5	83.5

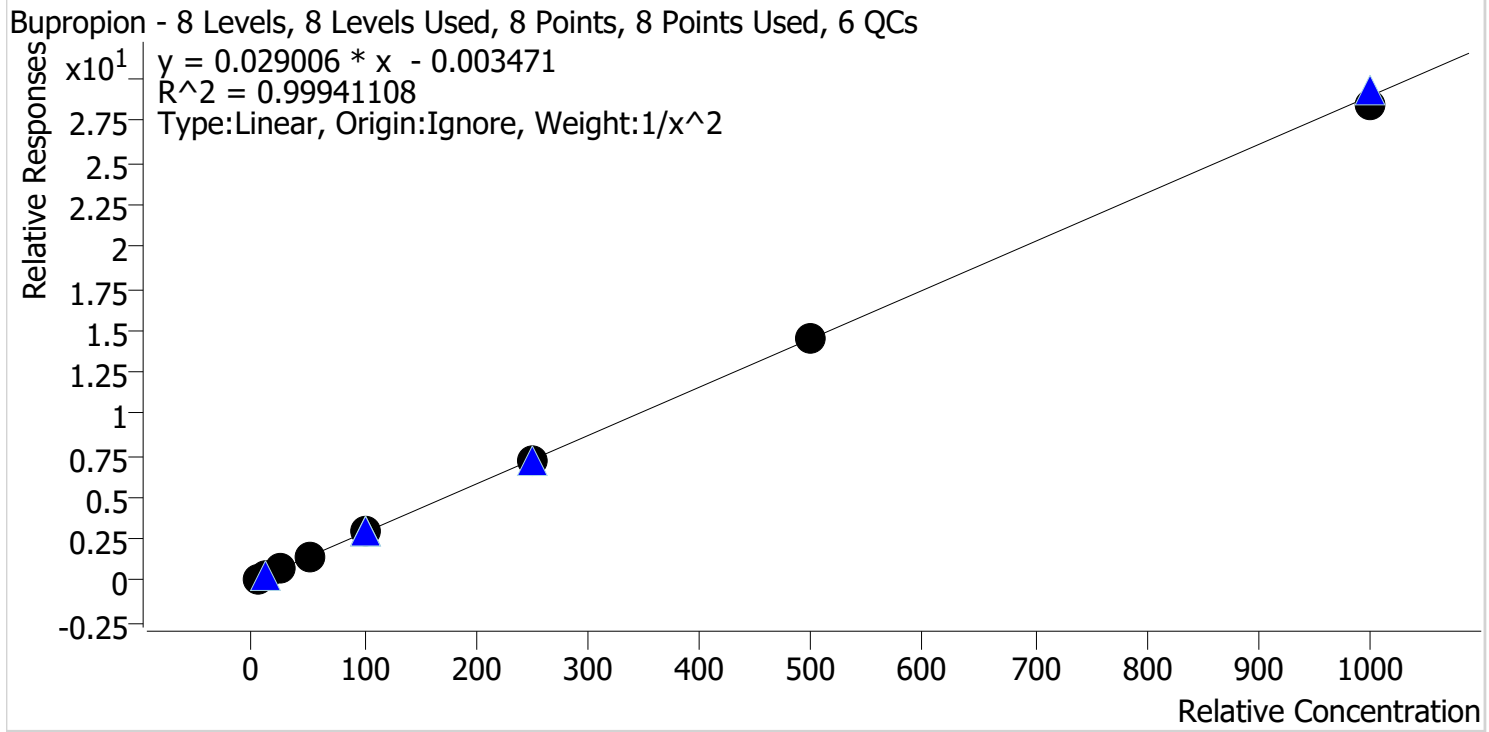
Calibrator 1 dropped due to not meeting ratio requirements.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	980.2	98.0

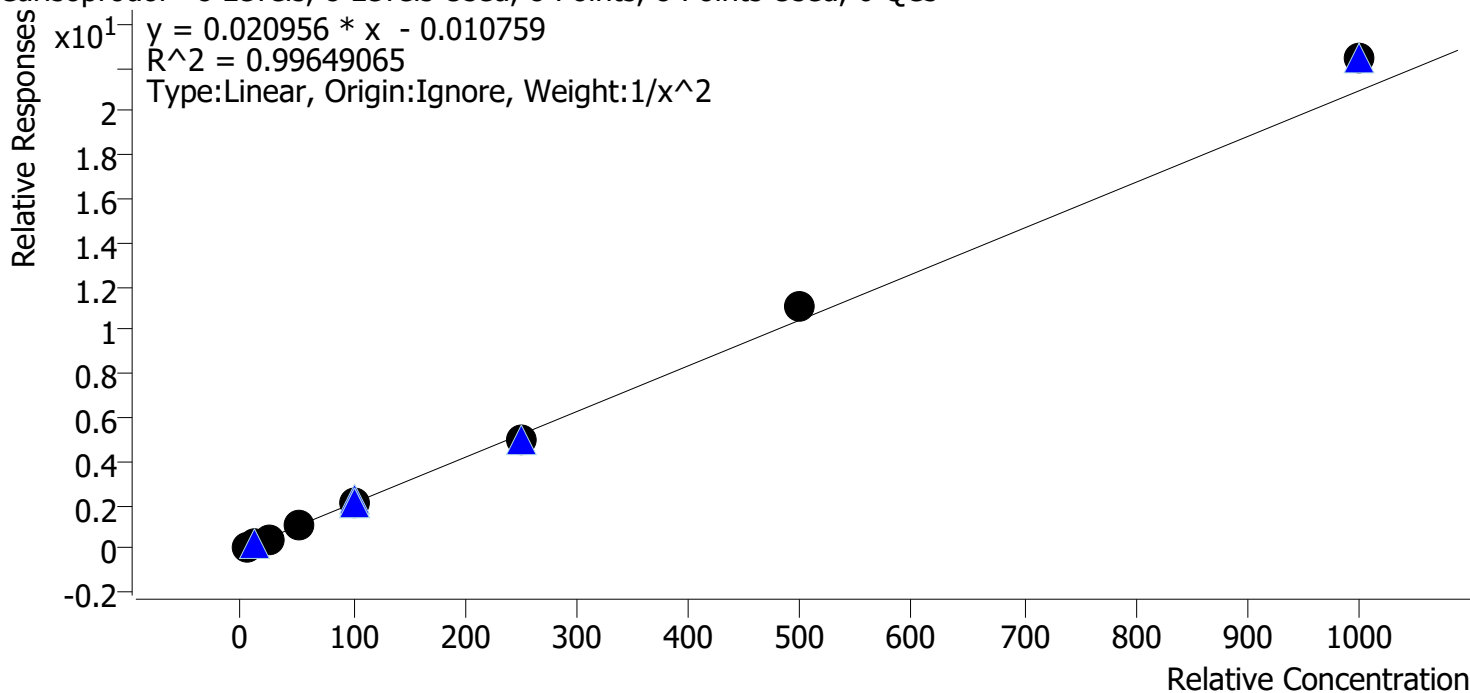
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.5
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	242.1	96.9
p1 Cal 7-500ng	7	✓	500.0	526.8	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1070.1	107.0

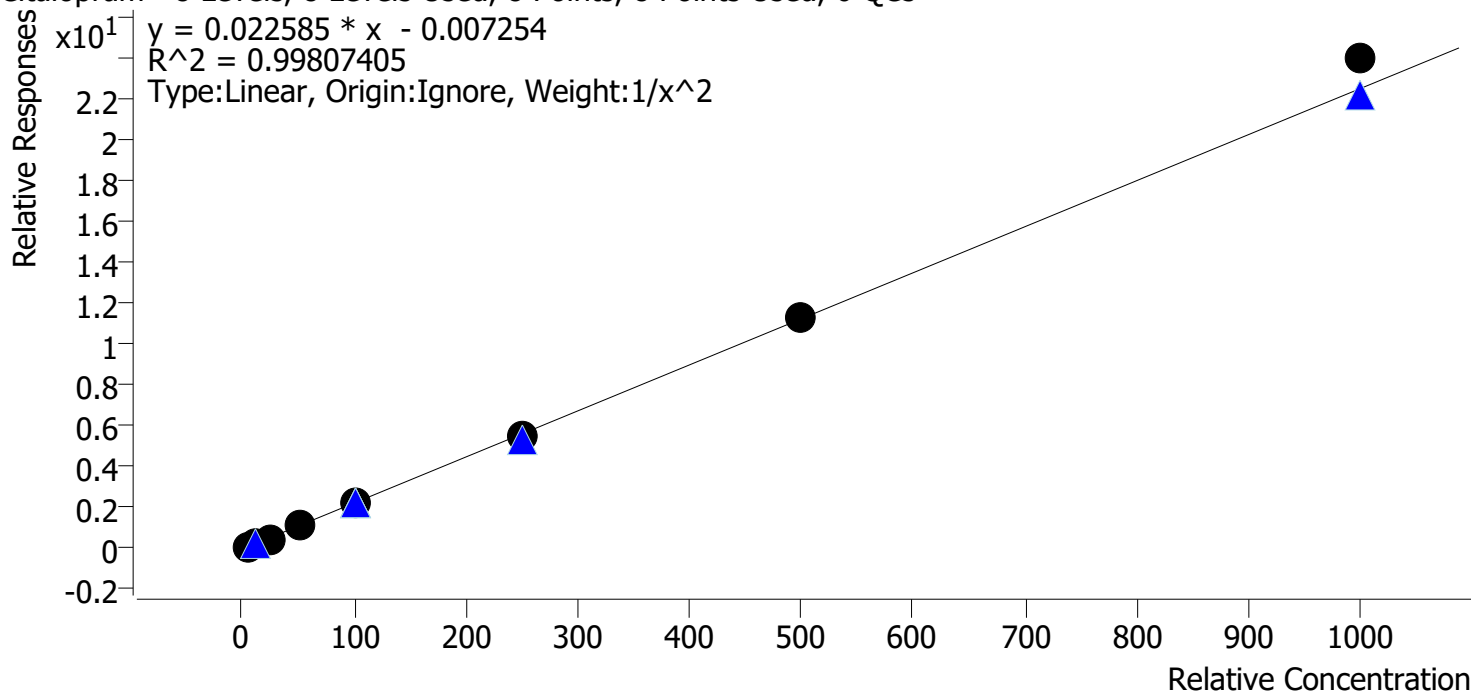
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



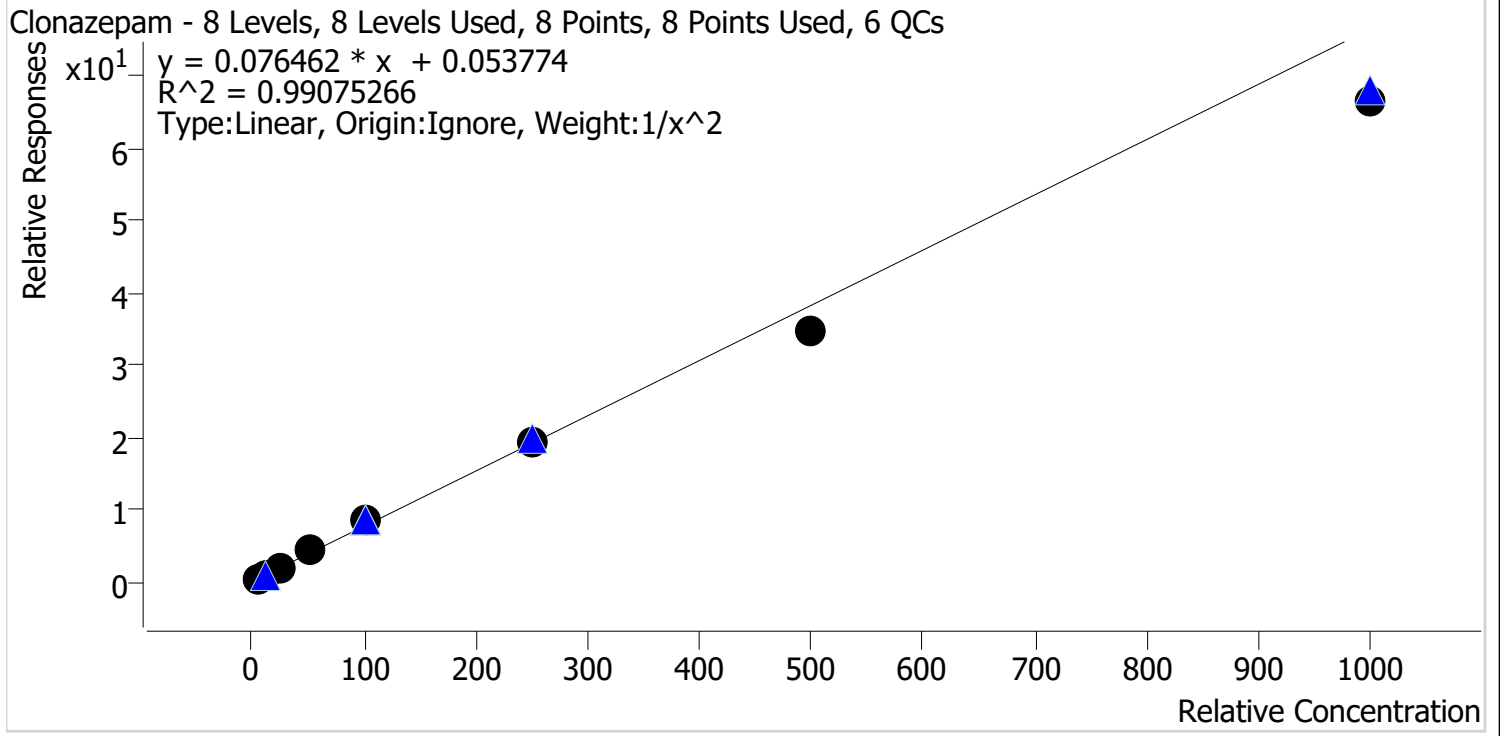
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.4
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	242.9	97.2
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1065.2	106.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.6
p1 Cal 4-50ng	4	✓	50.0	55.9	111.8
p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	453.6	90.7
p1 Cal 8-1000ng	8	✓	1000.0	867.5	86.8

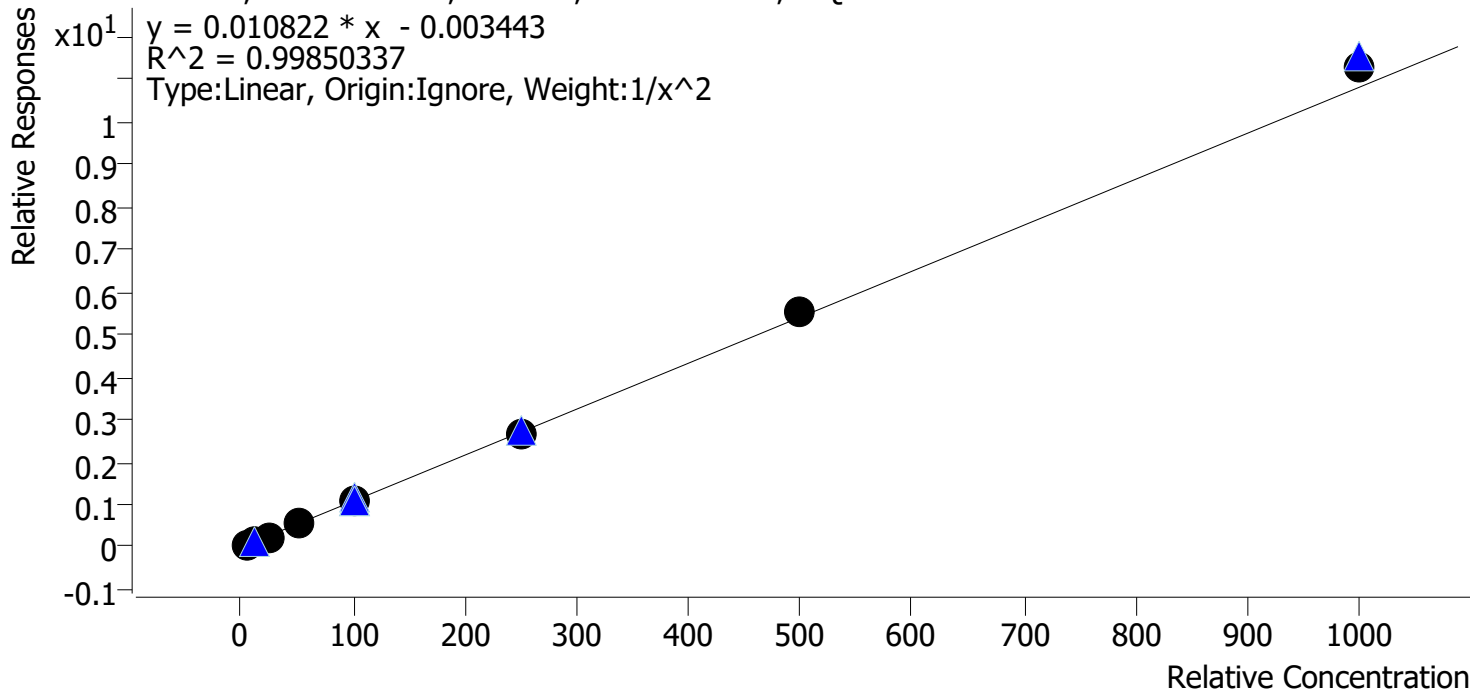
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



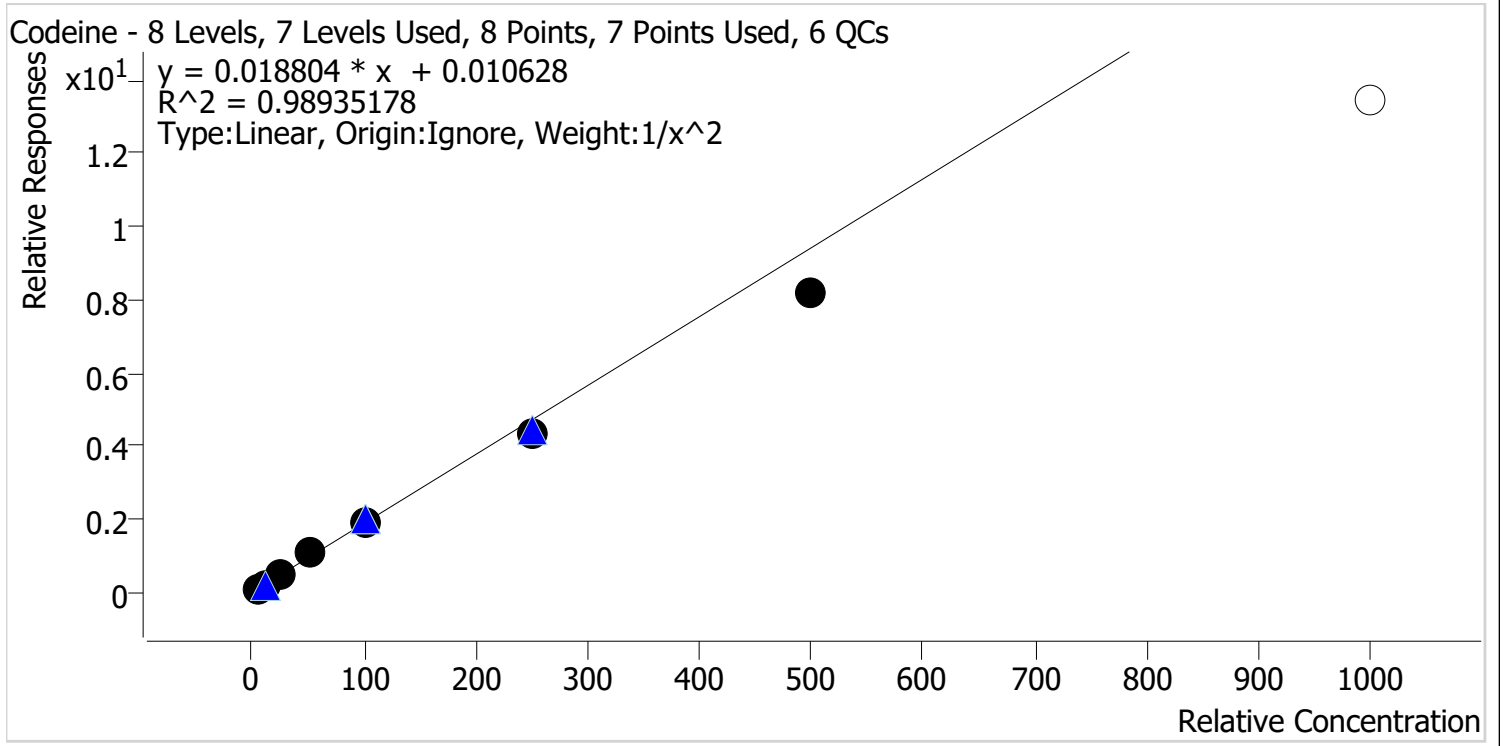
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	514.8	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1039.9	104.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Codeine Internal Standard Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	56.7	113.3
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	230.2	92.1
p1 Cal 7-500ng	7	✓	500.0	435.8	87.2
p1 Cal 8-1000ng	8	✗	1000.0	713.7	71.4

Calibrator 8 dropped due to not meeting accuracy requirements.

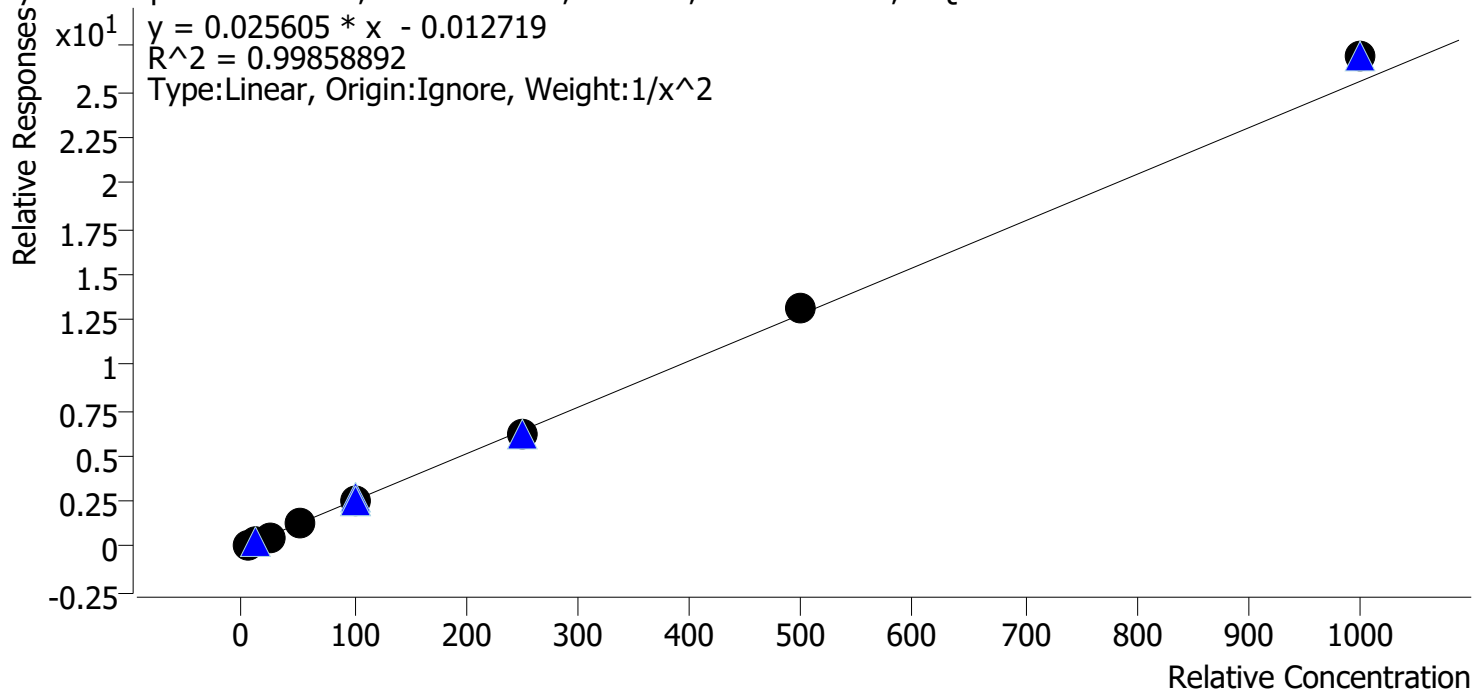
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1051.3	105.1

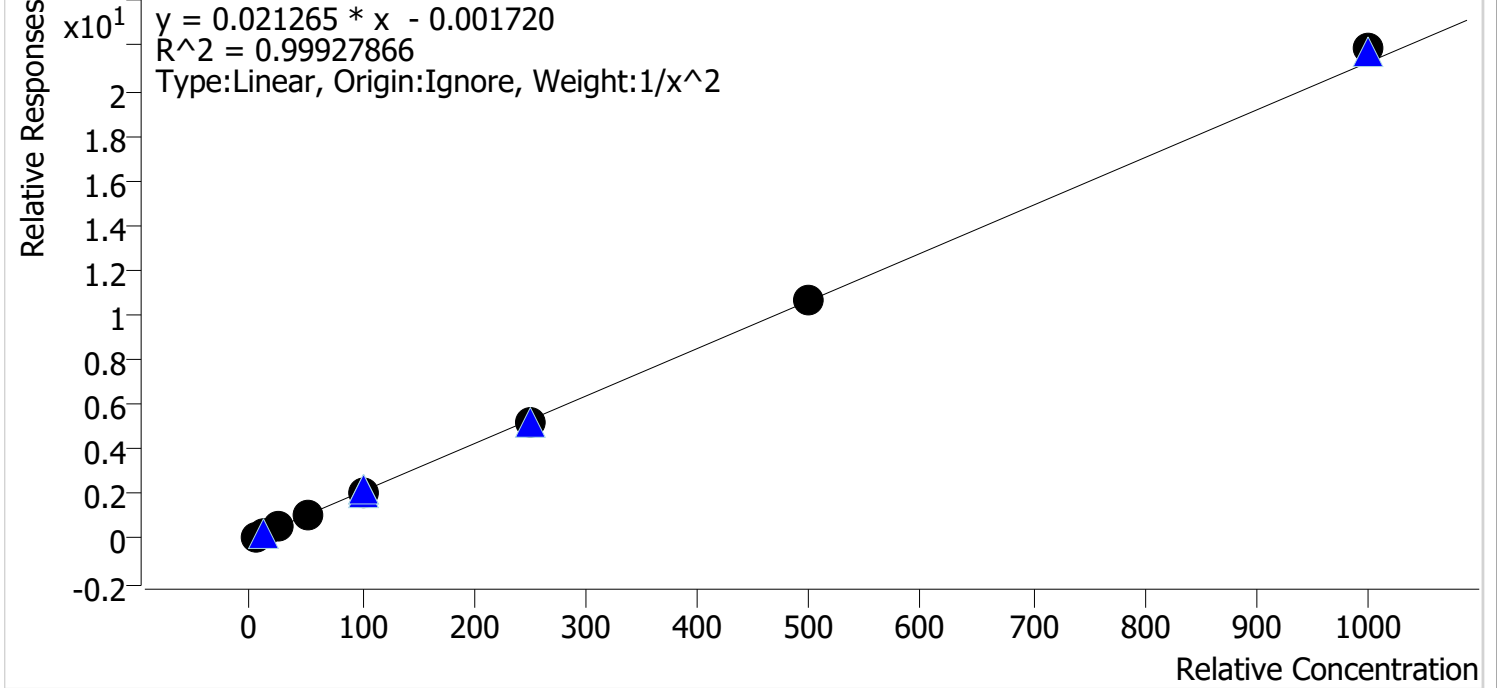


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Dextromethorphan Internal Standard Dextromethorphan-D3

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



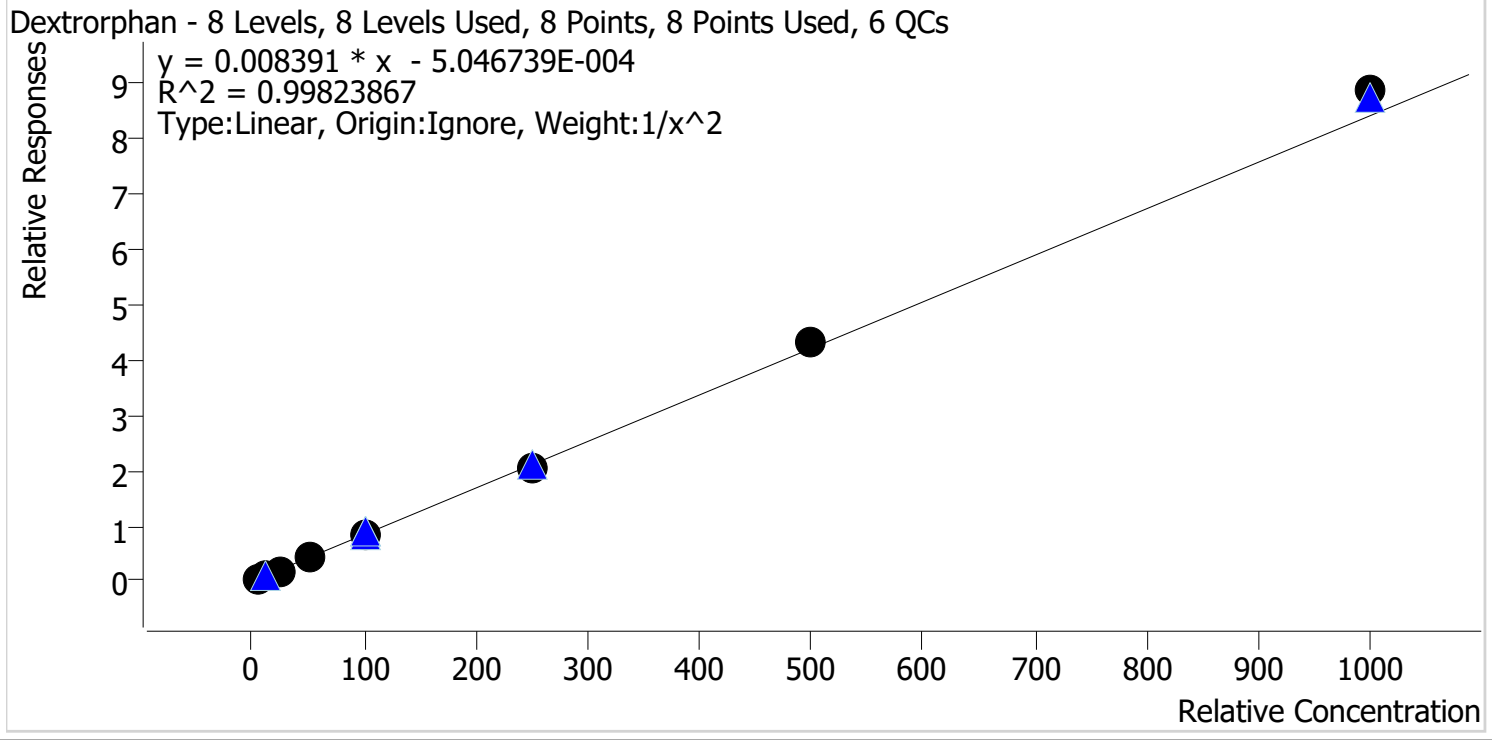
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1028.9	102.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1053.9	105.4

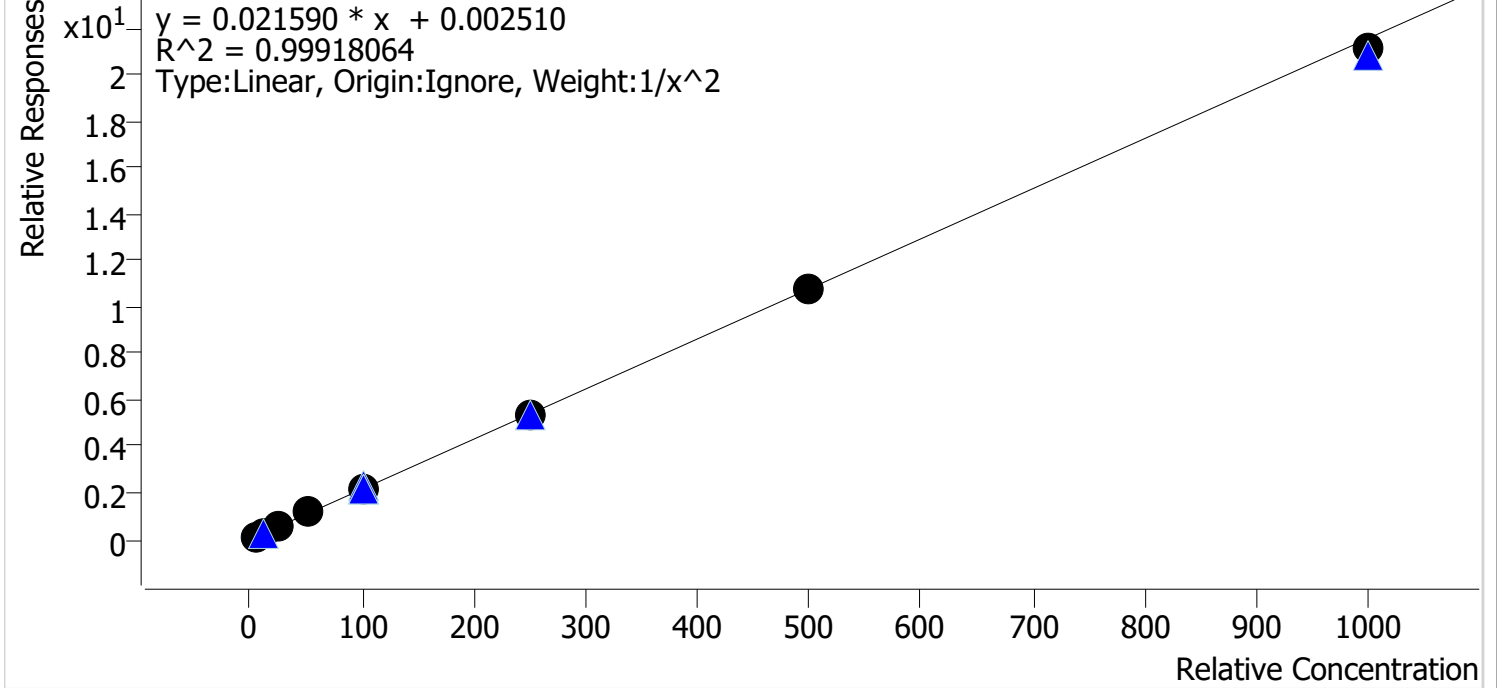


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Diazepam Internal Standard Diazepam-D5

Diazepam - 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	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	246.6	98.7
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	979.7	98.0

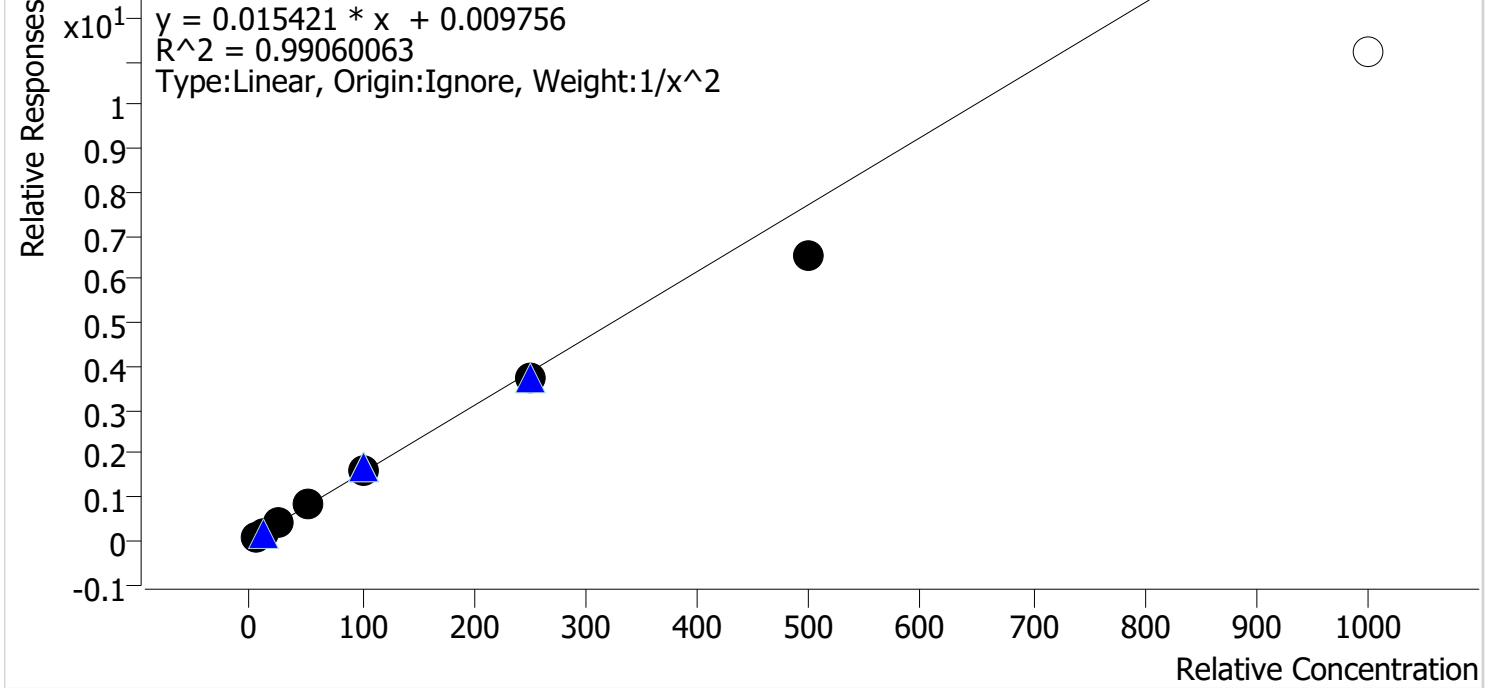


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Dihydrocodeine Internal Standard Dihydrocodeine-D6

Dihydrocodeine - 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	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.6	106.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	424.9	85.0
p1 Cal 8-1000ng	8	✗	1000.0	724.7	72.5

Calibrator 8 dropped due to not meeting accuracy requirements.

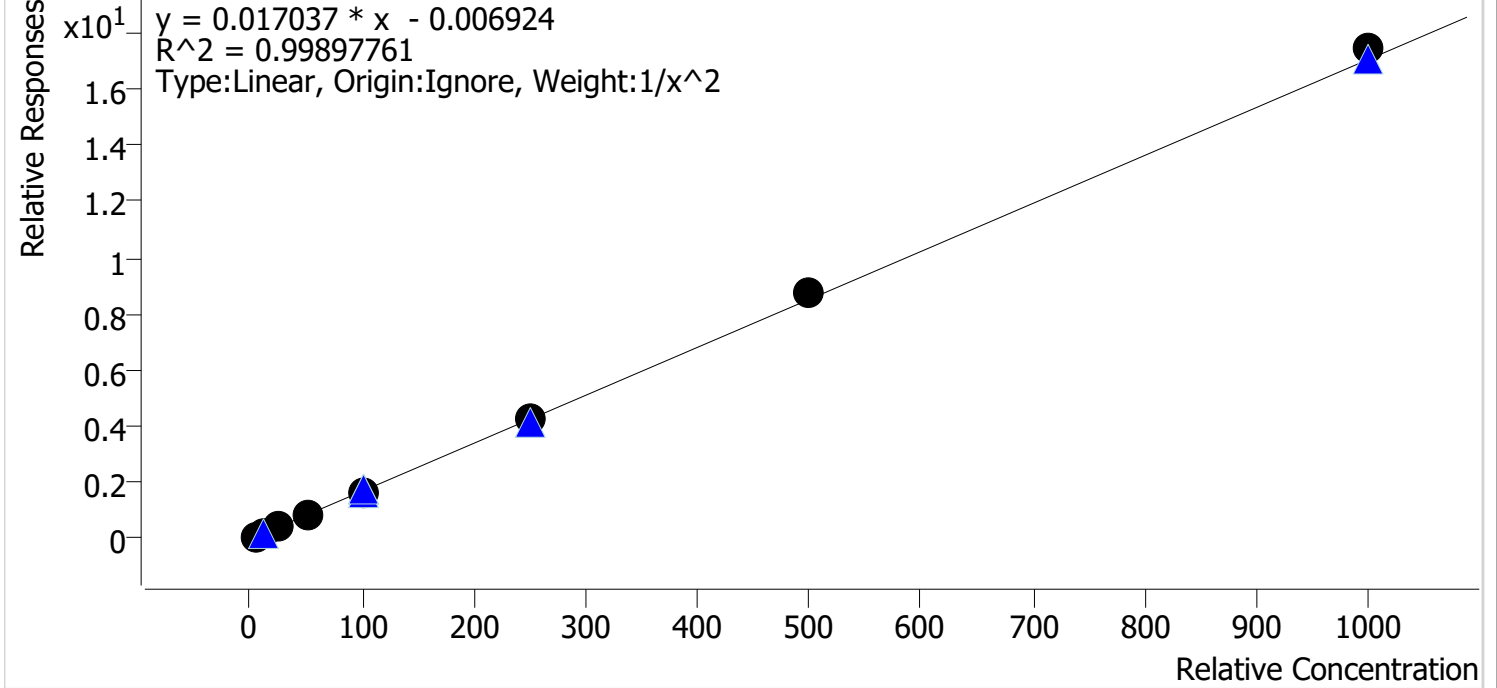


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



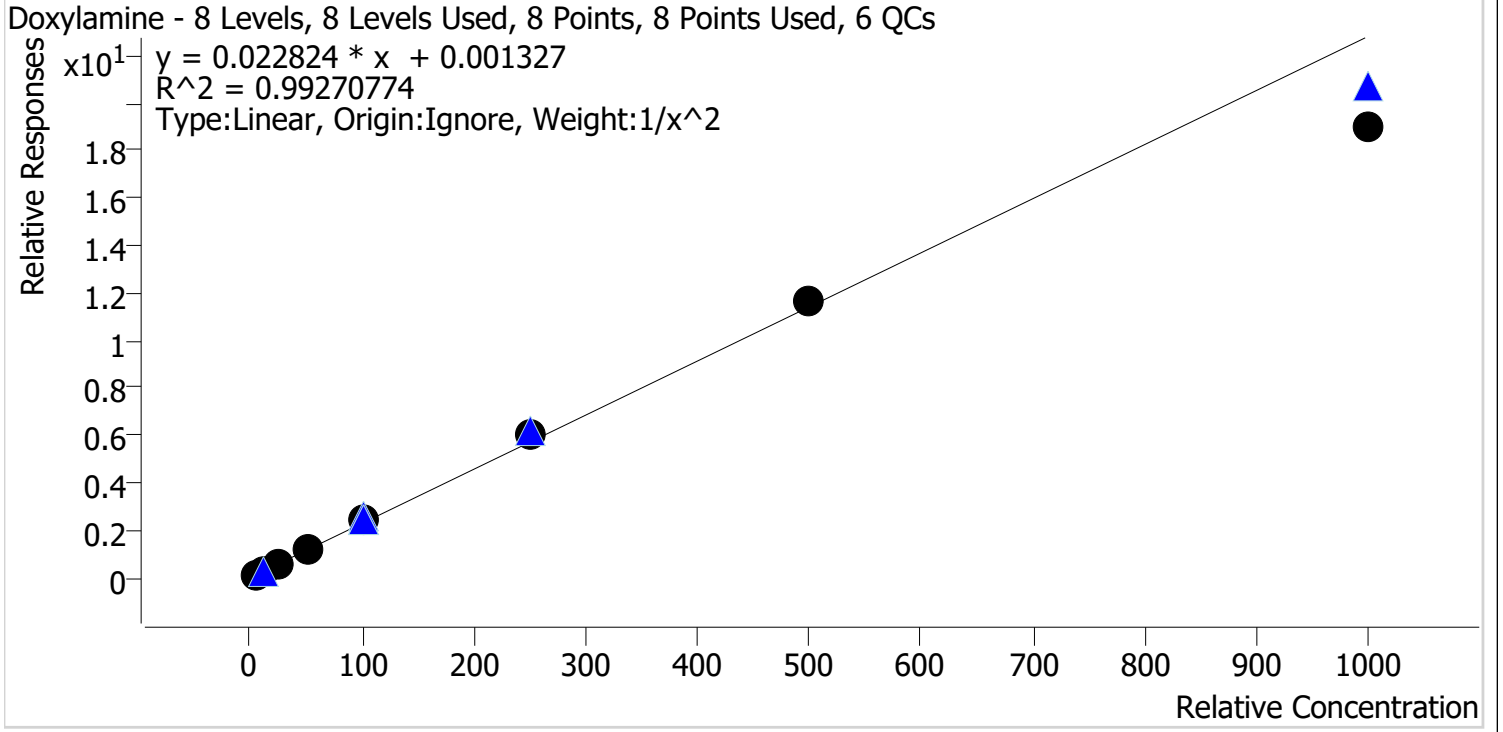
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1022.9	102.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Doxylamine Internal Standard Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	263.3	105.3
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	832.6	83.3

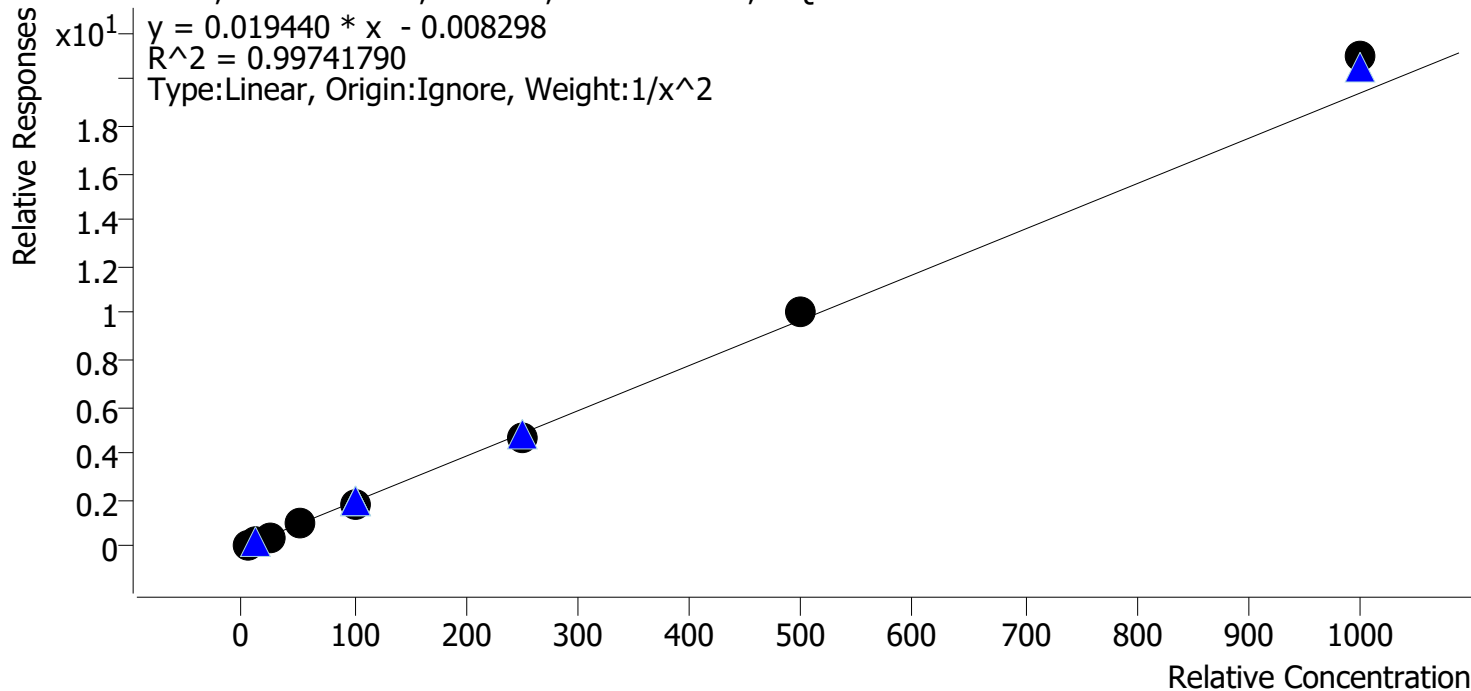


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 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	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1080.2	108.0

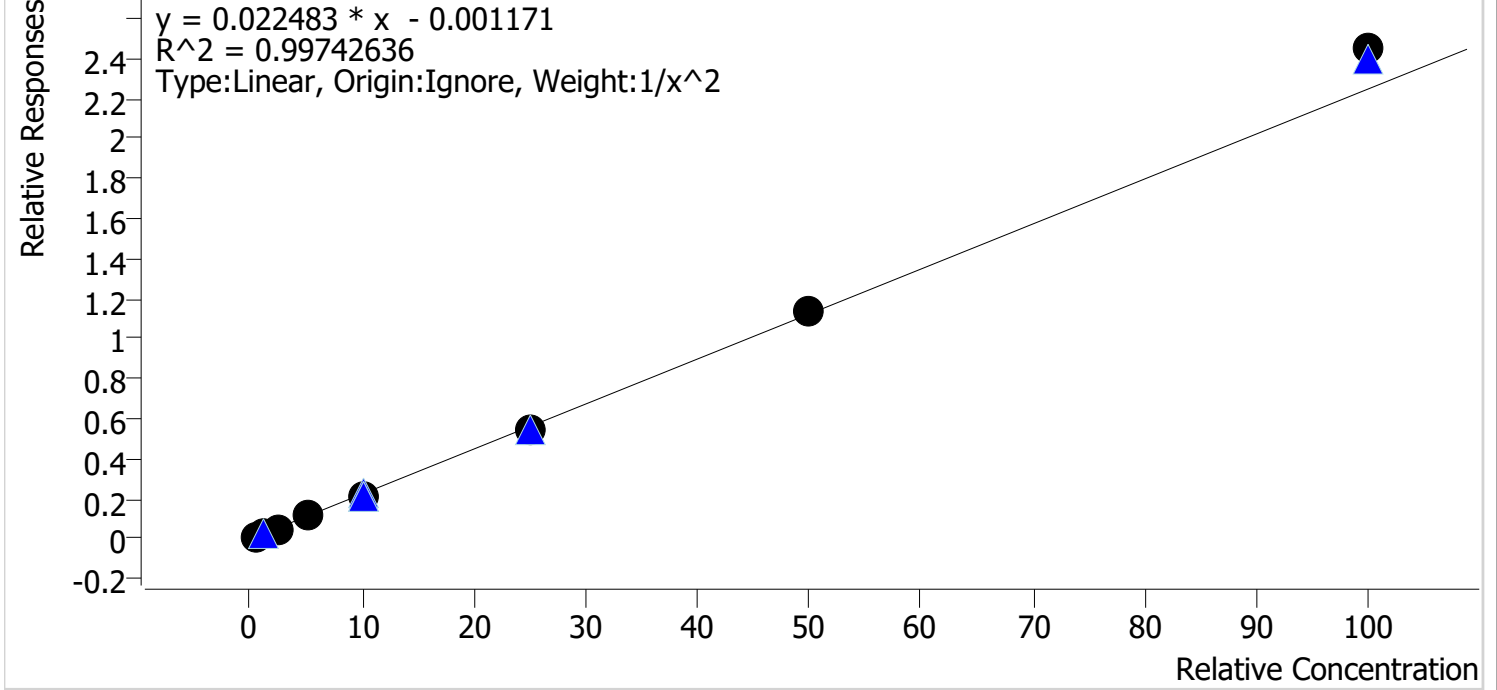


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 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	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	98.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.6
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	24.5	98.2
p1 Cal 7-500ng	7	✓	50.0	51.0	102.0
p1 Cal 8-1000ng	8	✓	100.0	109.0	109.0

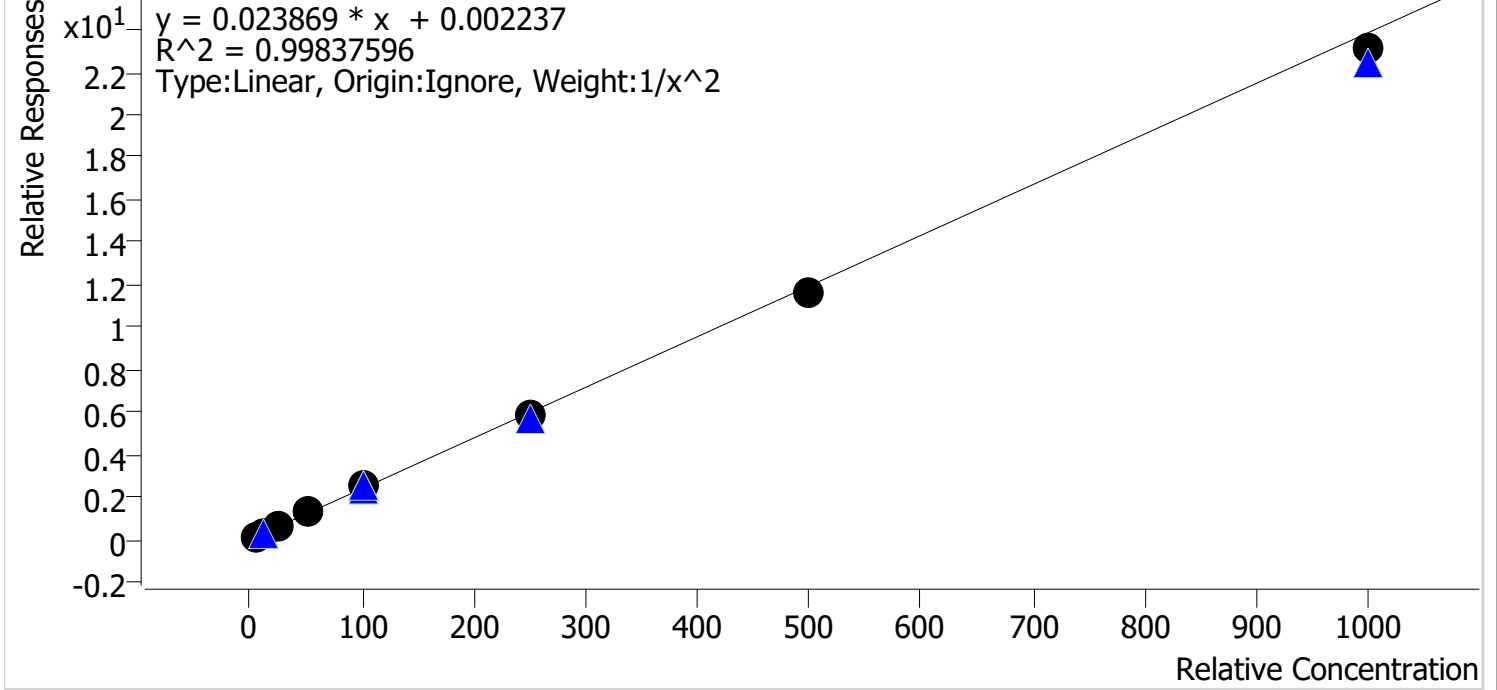


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	243.6	97.5
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	968.6	96.9

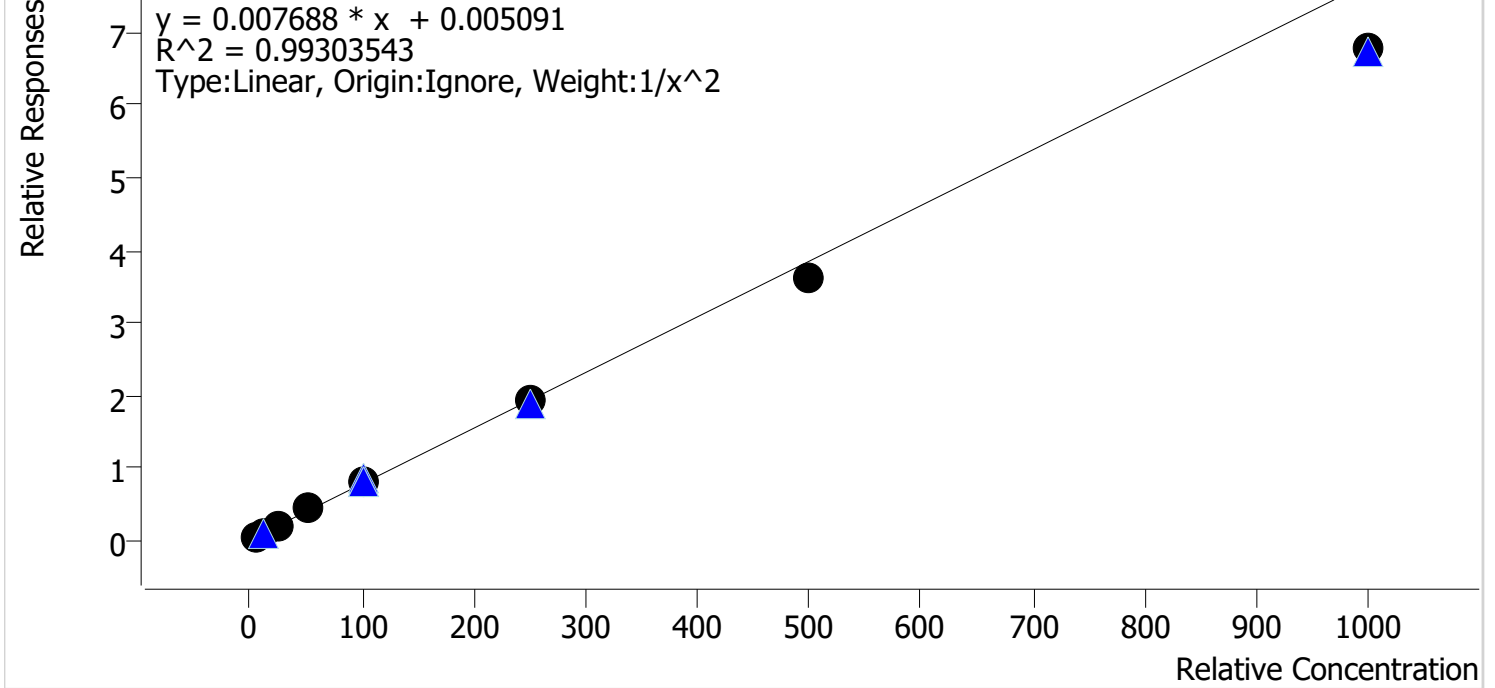


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



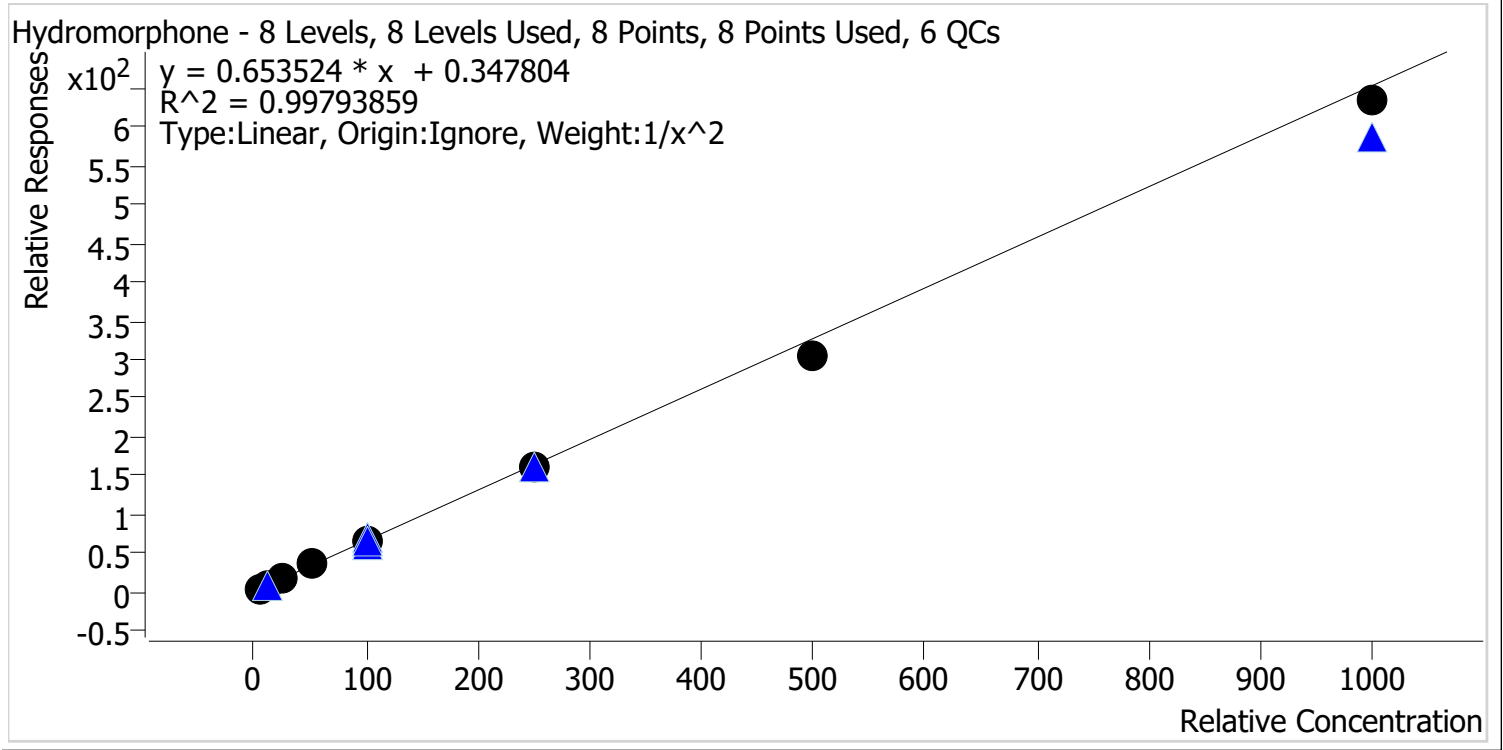
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	55.9	111.9
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	467.1	93.4
p1 Cal 8-1000ng	8	✓	1000.0	881.9	88.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Morphine-D6



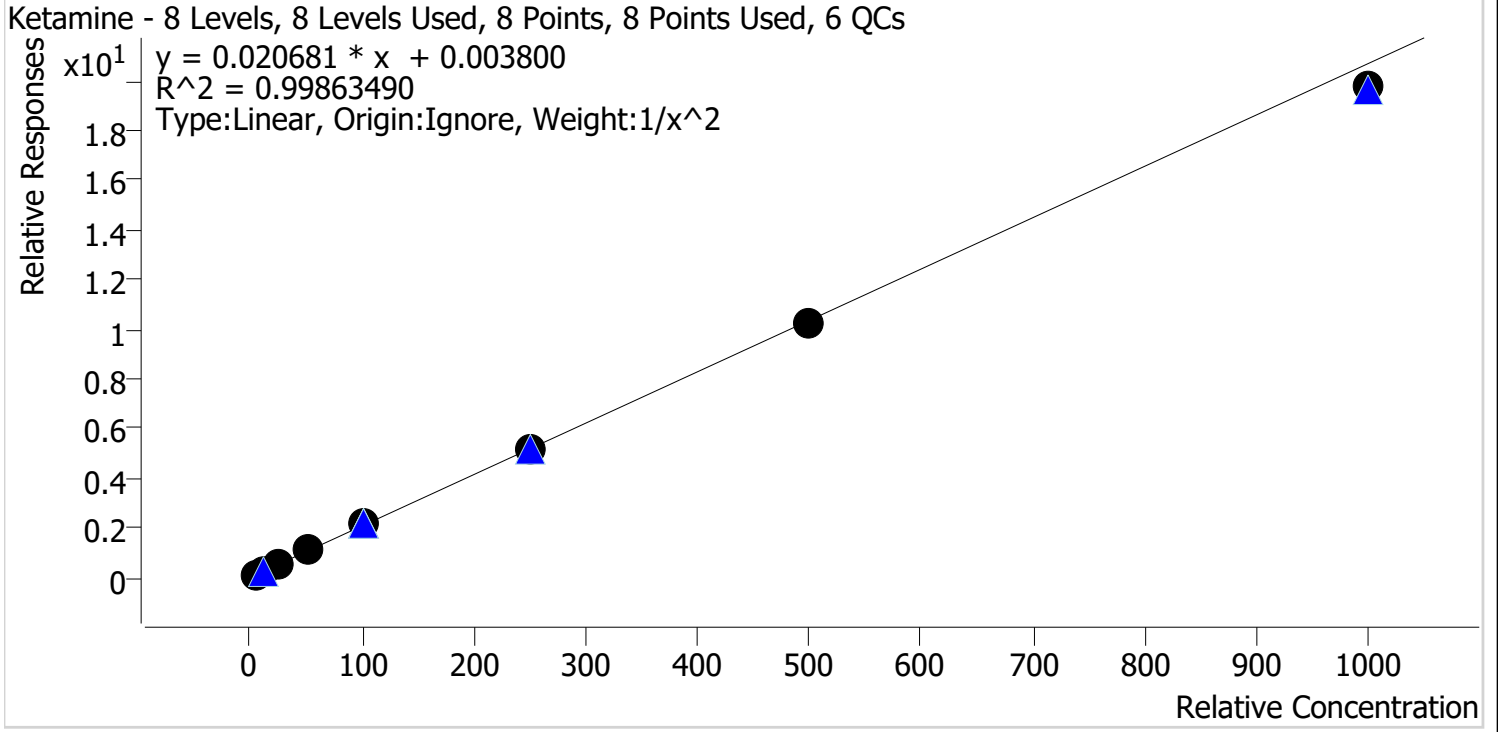
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	466.6	93.3
p1 Cal 8-1000ng	8	✓	1000.0	970.5	97.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Ketamine Internal Standard Ketamine-D4



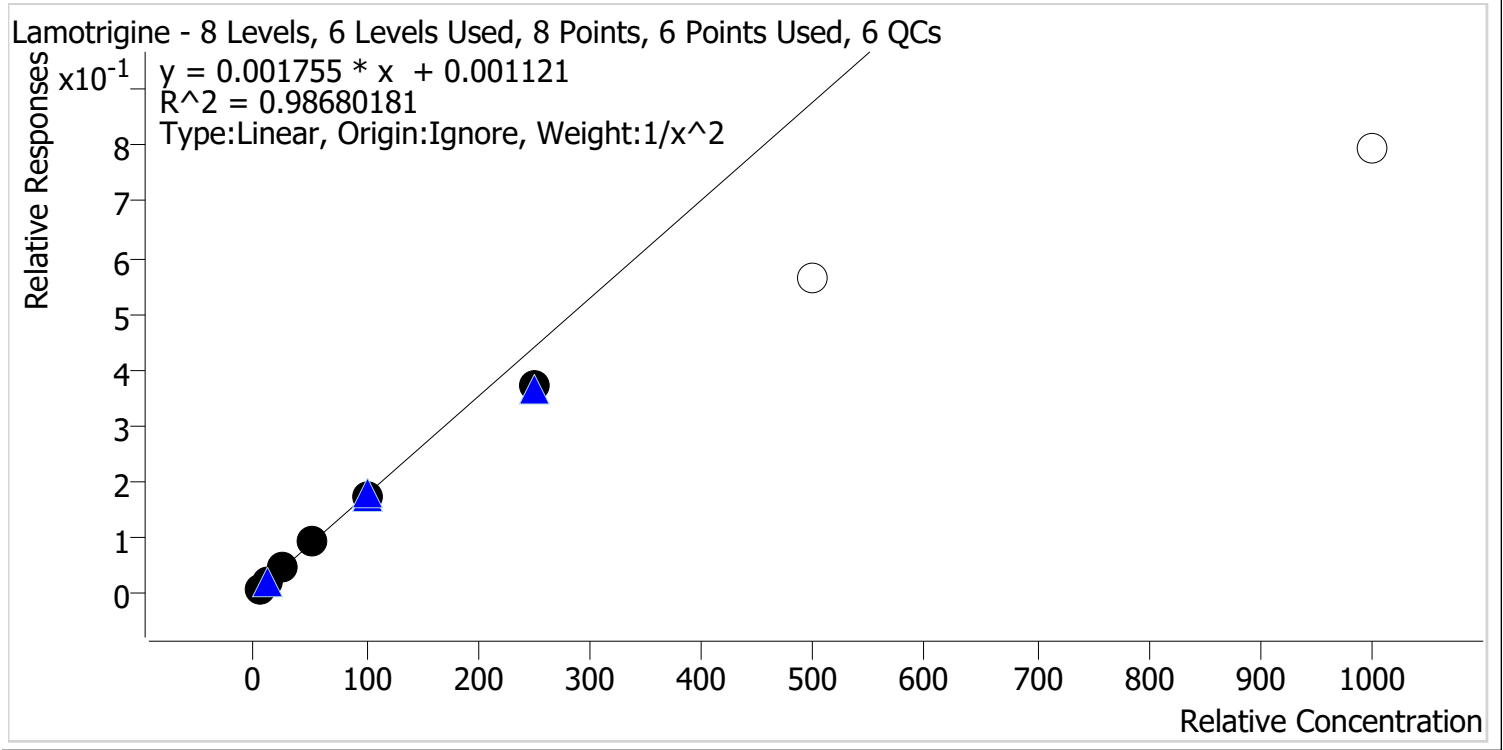
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	491.1	98.2
p1 Cal 8-1000ng	8	✓	1000.0	955.2	95.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Lamotrigine Internal Standard Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	209.8	83.9
p1 Cal 7-500ng	7	x	500.0	320.2	64.0
p1 Cal 8-1000ng	8	x	1000.0	451.9	45.2

Calibrator 7 and 8 dropped due to not meeting accuracy requirements.

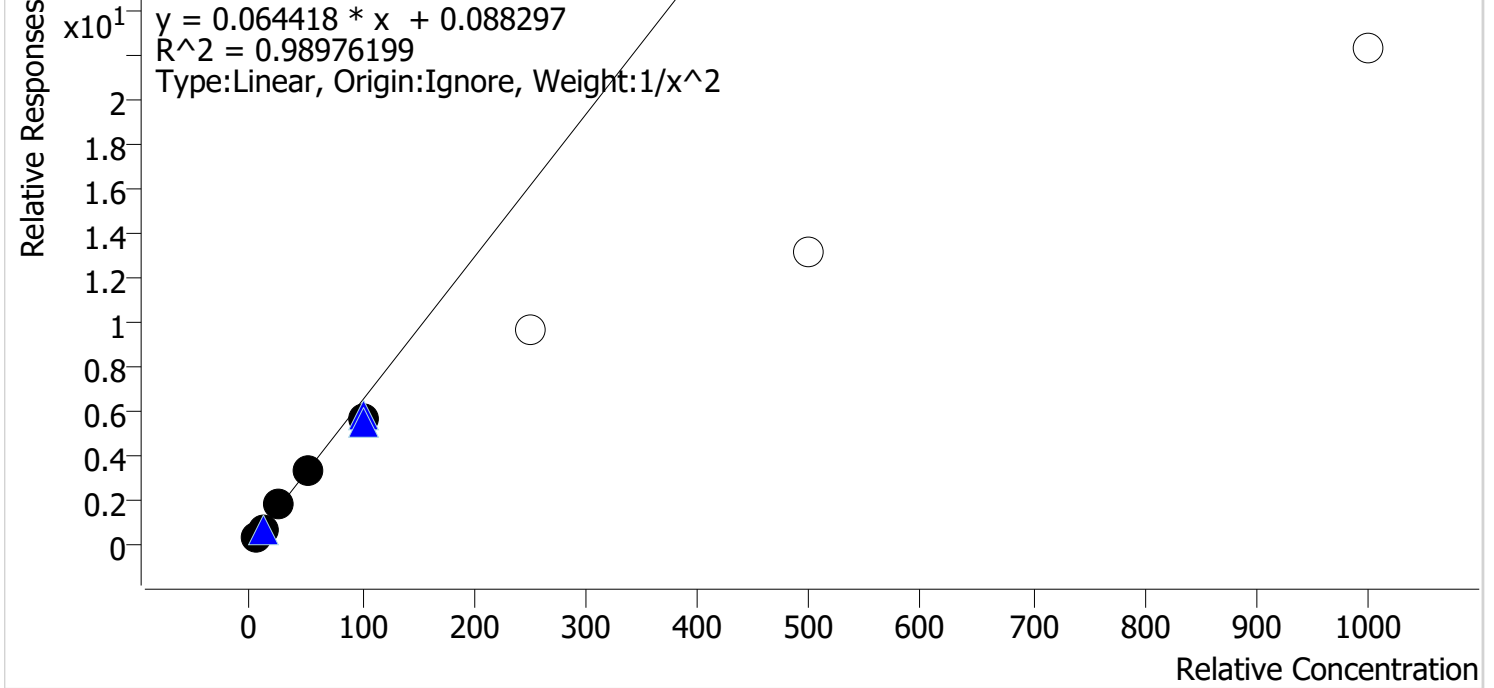


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 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	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	87.7	87.7
p1 Cal 6-250ng	6	x	250.0	150.7	60.3
p1 Cal 7-500ng	7	x	500.0	203.8	40.8
p1 Cal 8-1000ng	8	x	1000.0	346.0	34.6

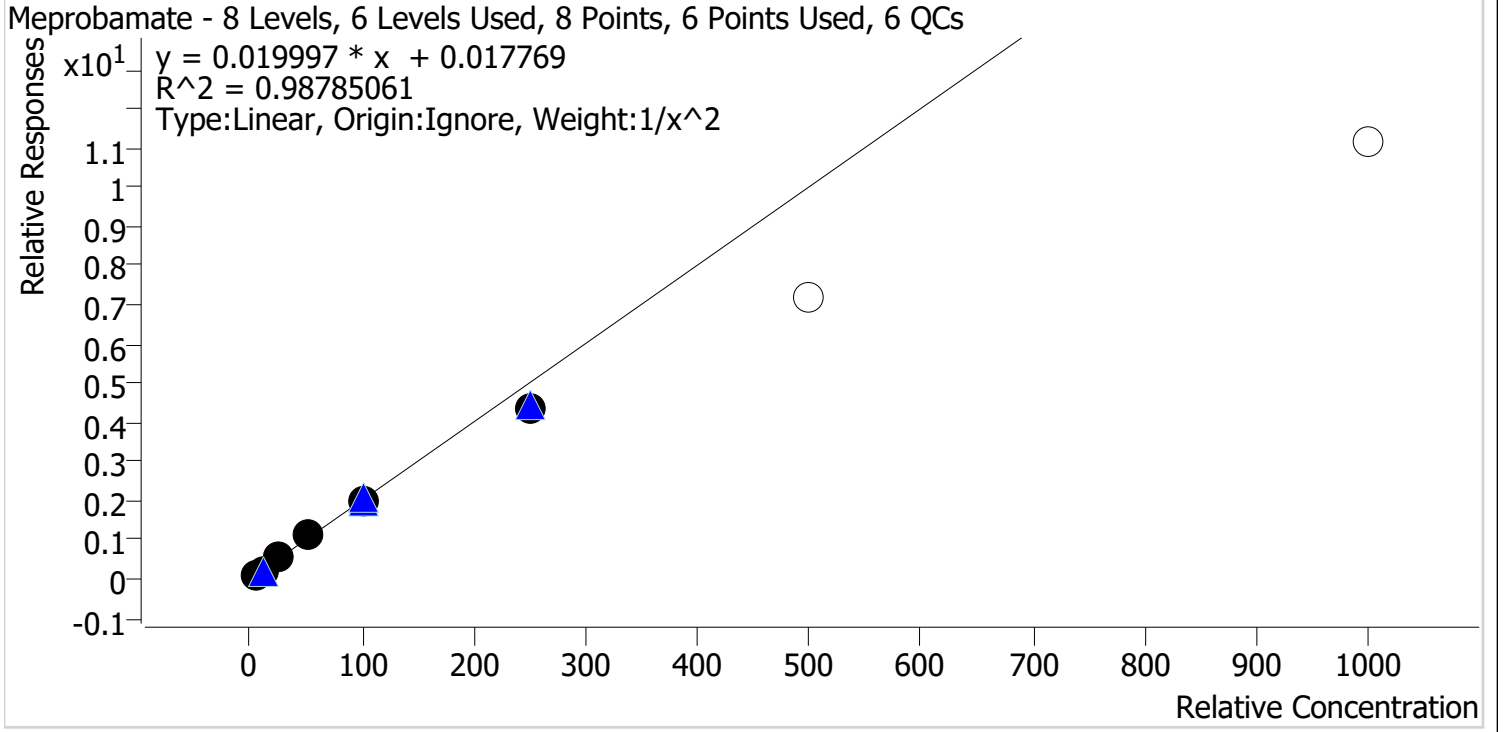
Calibrator 6, 7, and 8 dropped due to not meeting accuracy requirements.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Meprobamate Internal Standard Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	56.7	113.4
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	216.2	86.5
p1 Cal 7-500ng	7	x	500.0	359.1	71.8
p1 Cal 8-1000ng	8	x	1000.0	557.1	55.7

Calibrator 7 and 8 dropped due to not meeting accuracy requirements.

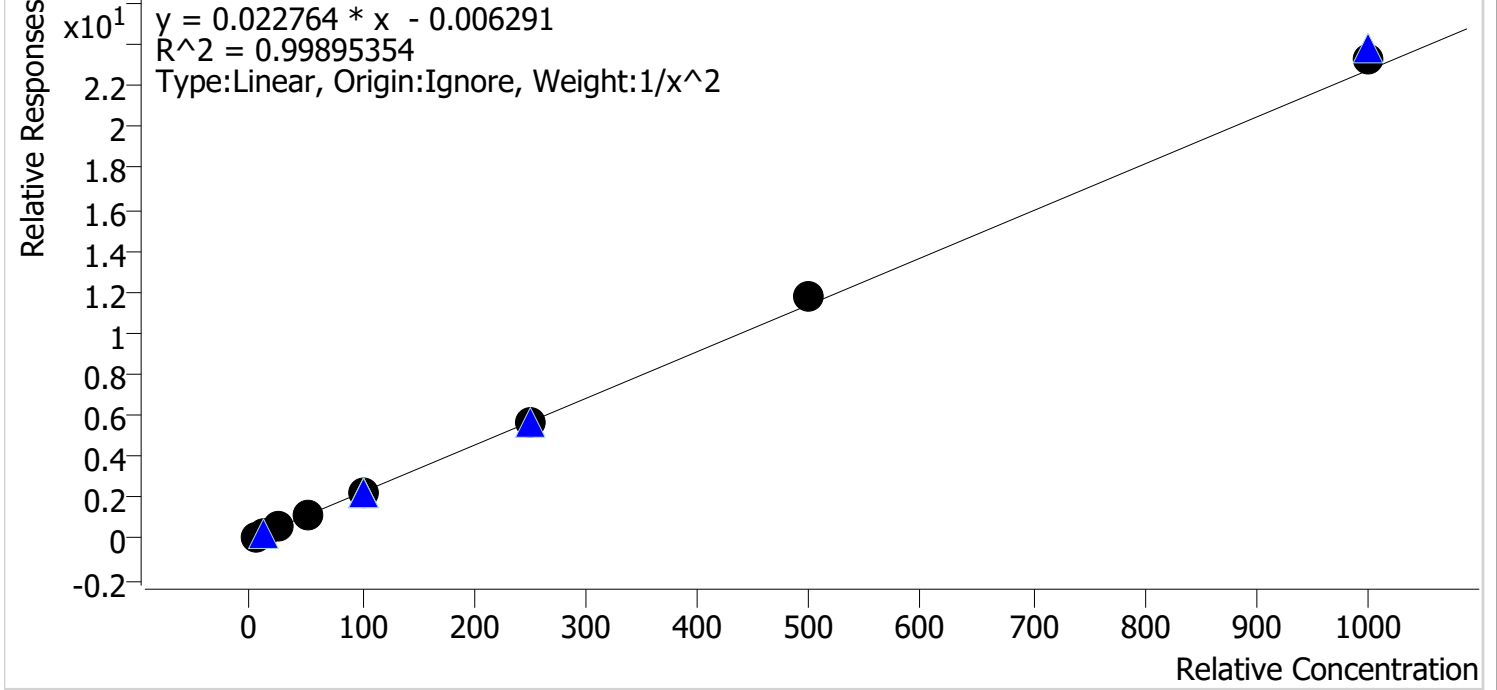


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	515.7	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1023.3	102.3

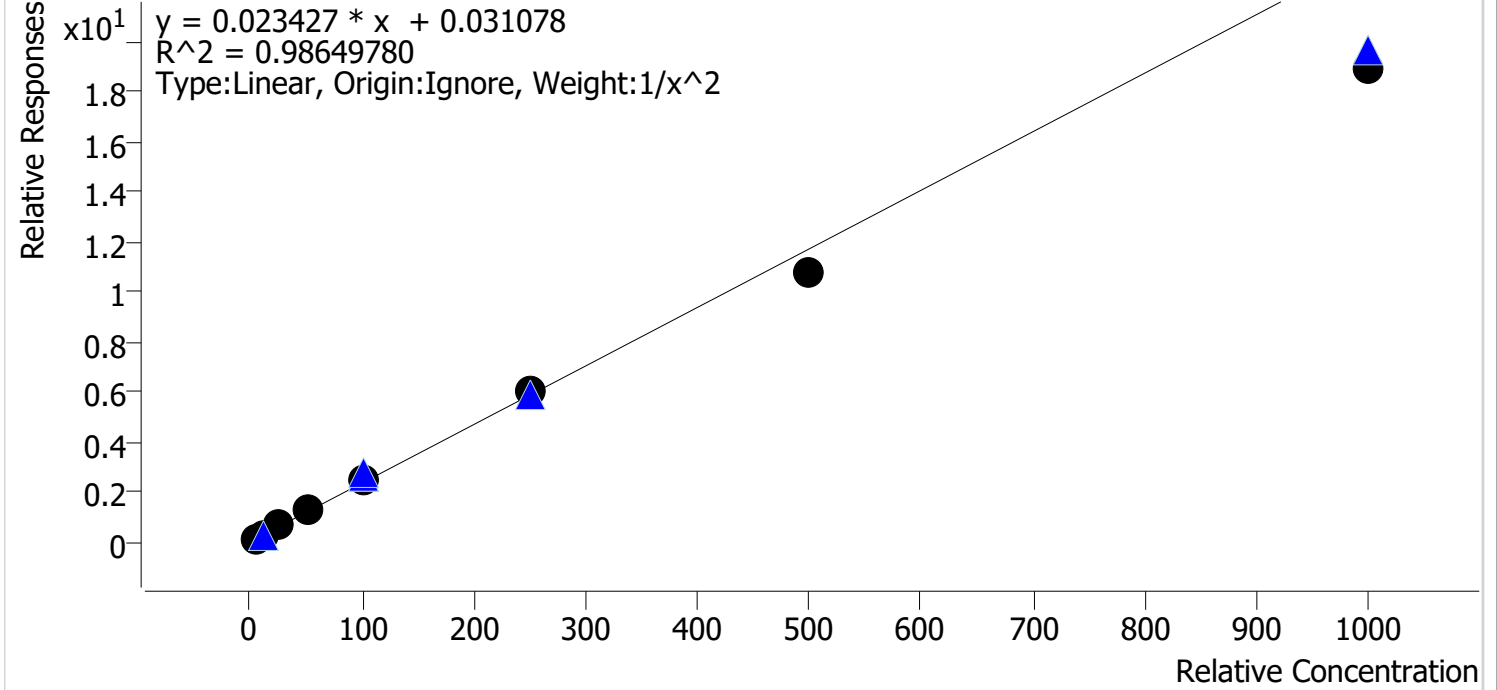


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Methamphetamine Internal Standard Methamphetamine-D11

Methamphetamine - 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	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	56.7	113.4
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	459.1	91.8
p1 Cal 8-1000ng	8	✓	1000.0	808.8	80.9

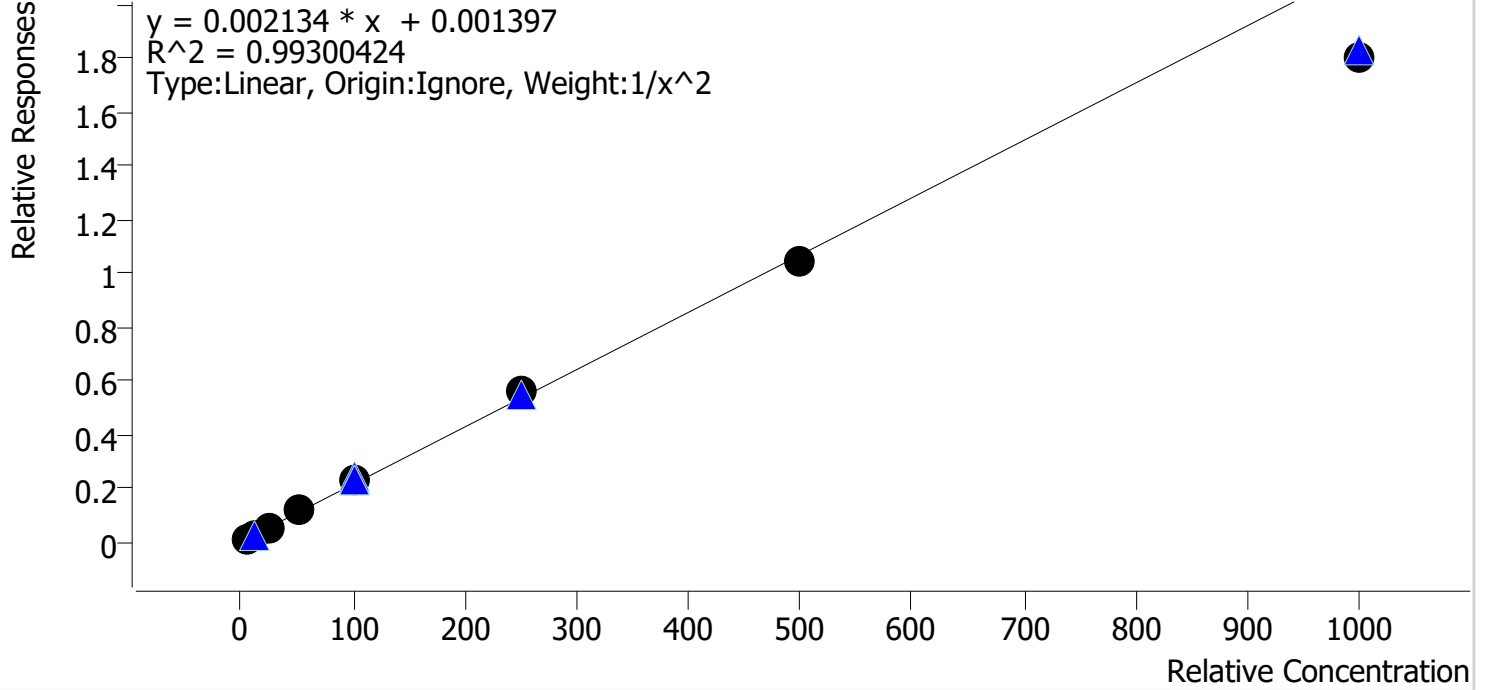


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Metoprolol Internal Standard Tramadol-13C-D3

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



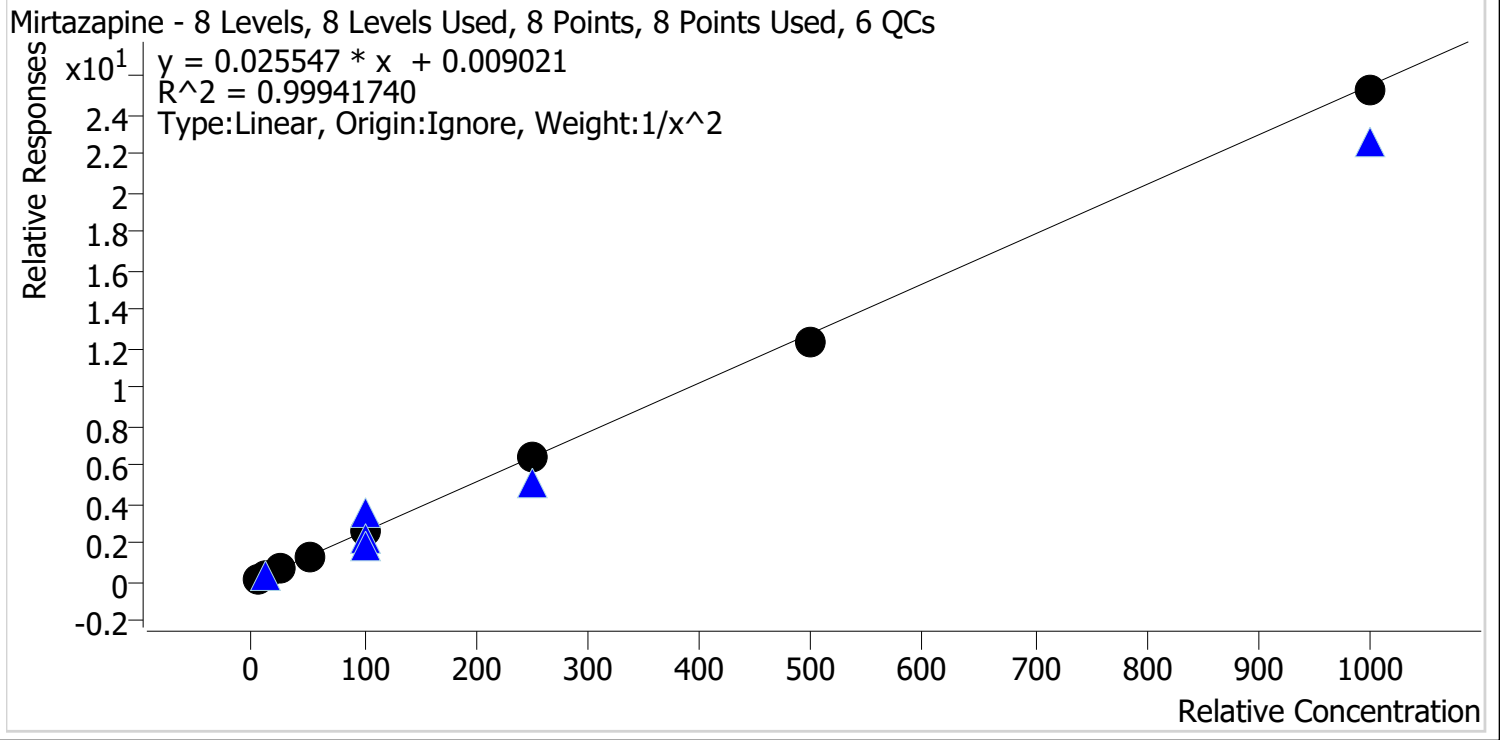
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	259.6	103.9
p1 Cal 7-500ng	7	✓	500.0	487.1	97.4
p1 Cal 8-1000ng	8	✓	1000.0	843.1	84.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	484.9	97.0
p1 Cal 8-1000ng	8	✓	1000.0	989.5	98.9

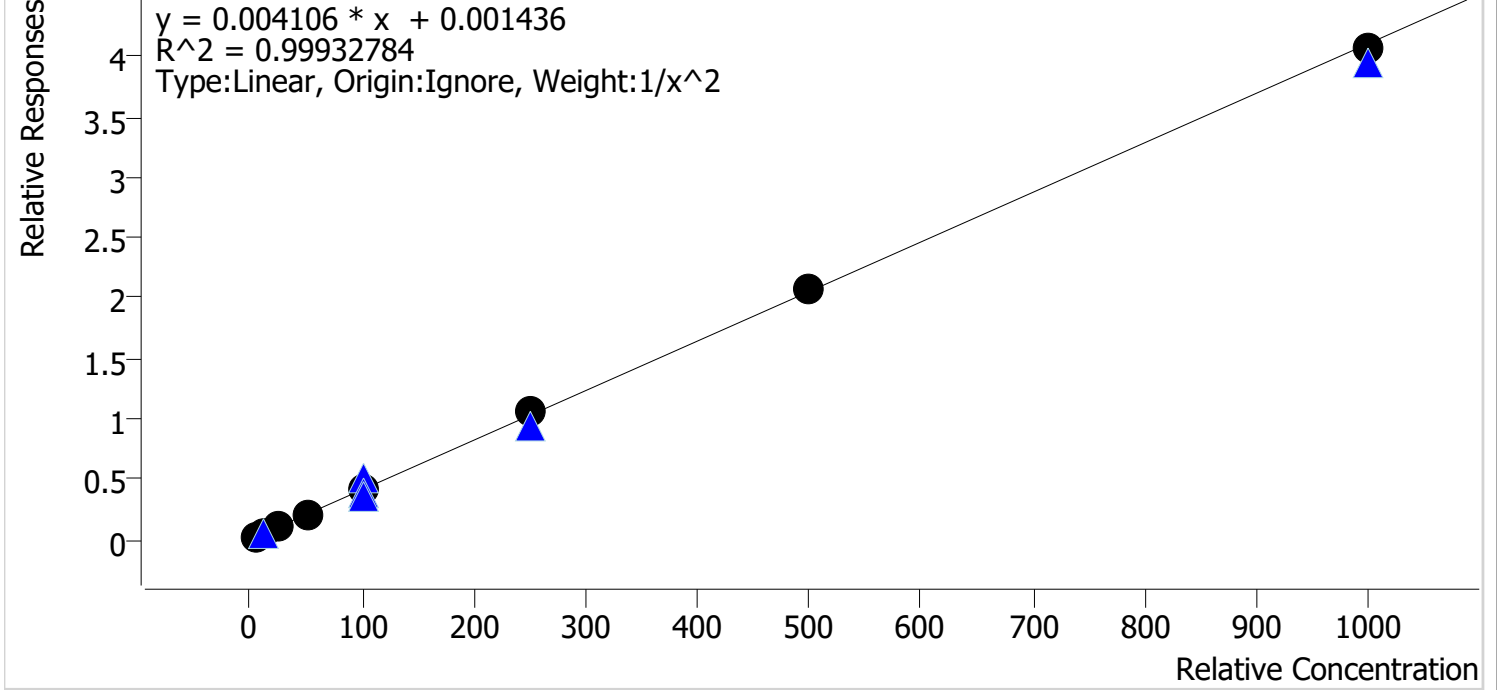


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

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



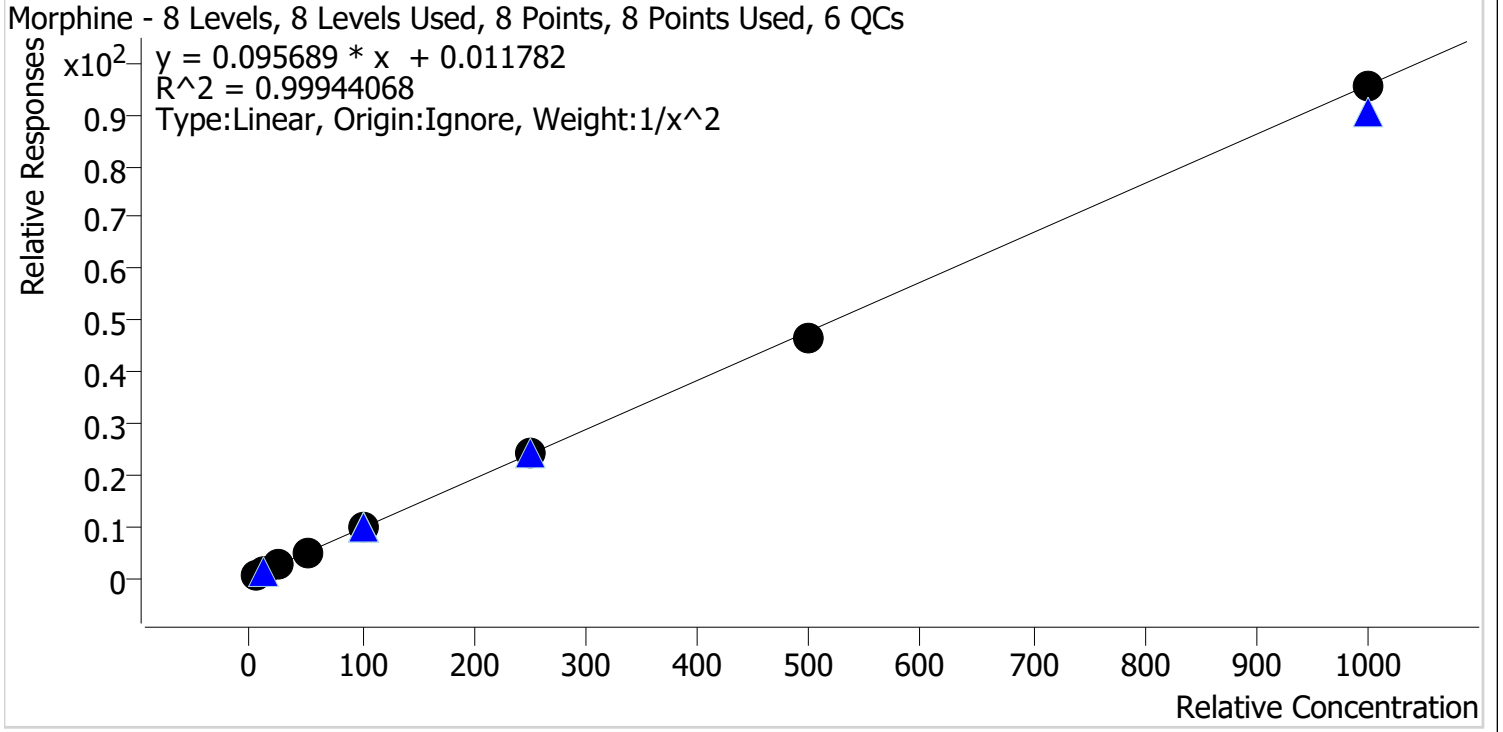
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	990.1	99.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



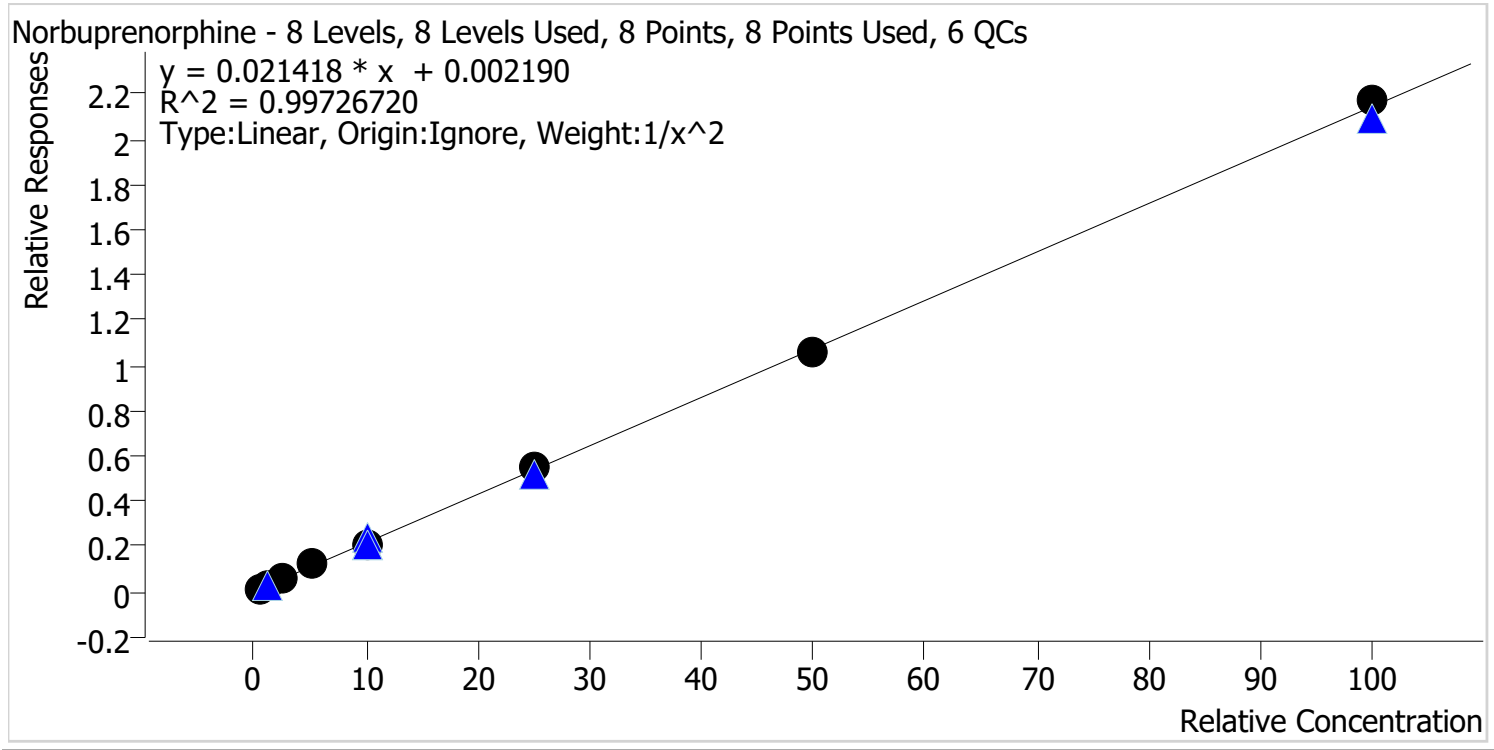
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	483.7	96.7
p1 Cal 8-1000ng	8	✓	1000.0	996.9	99.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



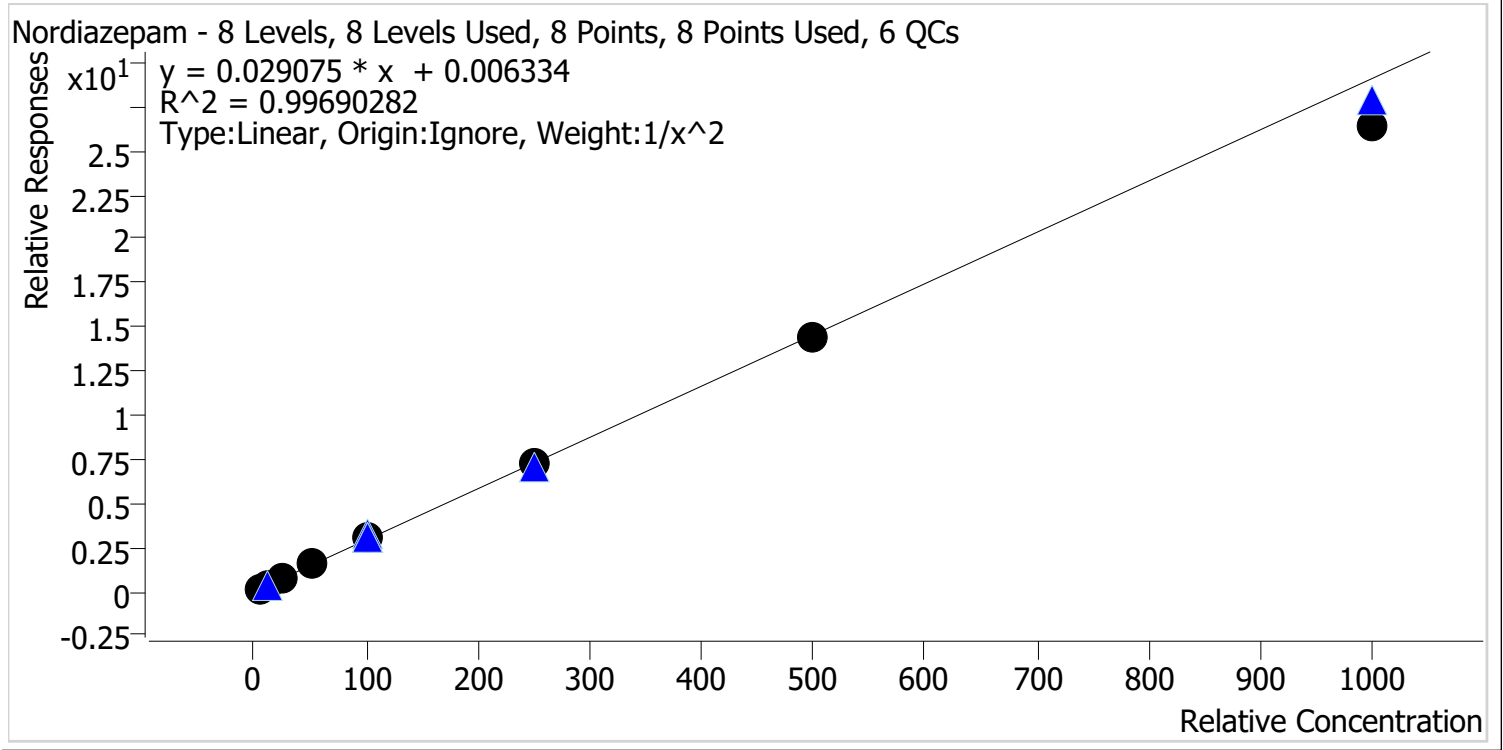
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.7
p1 Cal 2-10ng	2	✓	1.0	1.0	99.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.3
p1 Cal 4-50ng	4	✓	5.0	5.4	108.6
p1 Cal 5-100ng	5	✓	10.0	9.6	95.6
p1 Cal 6-250ng	6	✓	25.0	25.4	101.8
p1 Cal 7-500ng	7	✓	50.0	49.4	98.8
p1 Cal 8-1000ng	8	✓	100.0	101.2	101.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Nordiazepam Internal Standard Nordiazepam-D5



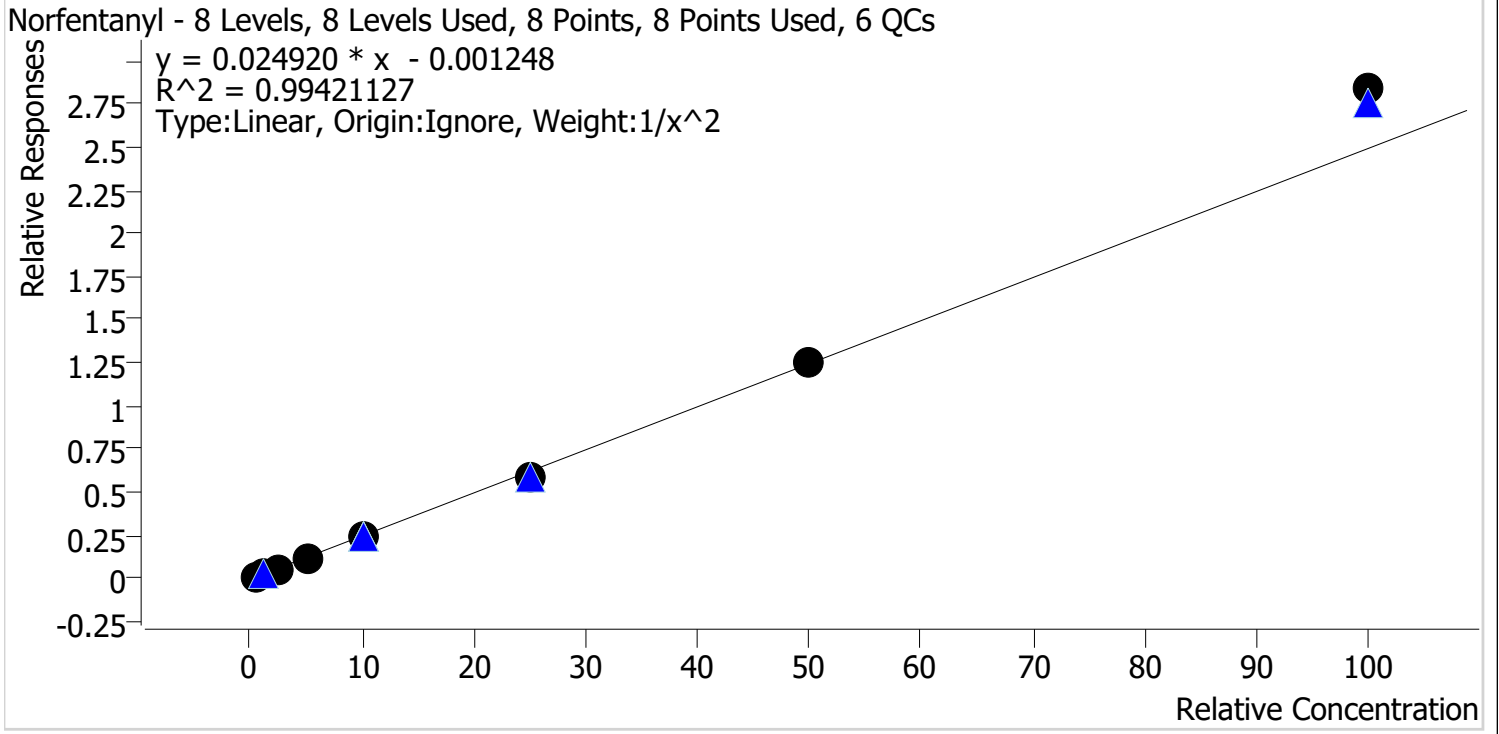
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	908.5	90.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.0
p1 Cal 2-10ng	2	✓	1.0	1.0	95.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.6
p1 Cal 4-50ng	4	✓	5.0	5.0	100.0
p1 Cal 5-100ng	5	✓	10.0	9.6	96.0
p1 Cal 6-250ng	6	✓	25.0	24.0	96.2
p1 Cal 7-500ng	7	✓	50.0	50.7	101.3
p1 Cal 8-1000ng	8	✓	100.0	113.9	113.9

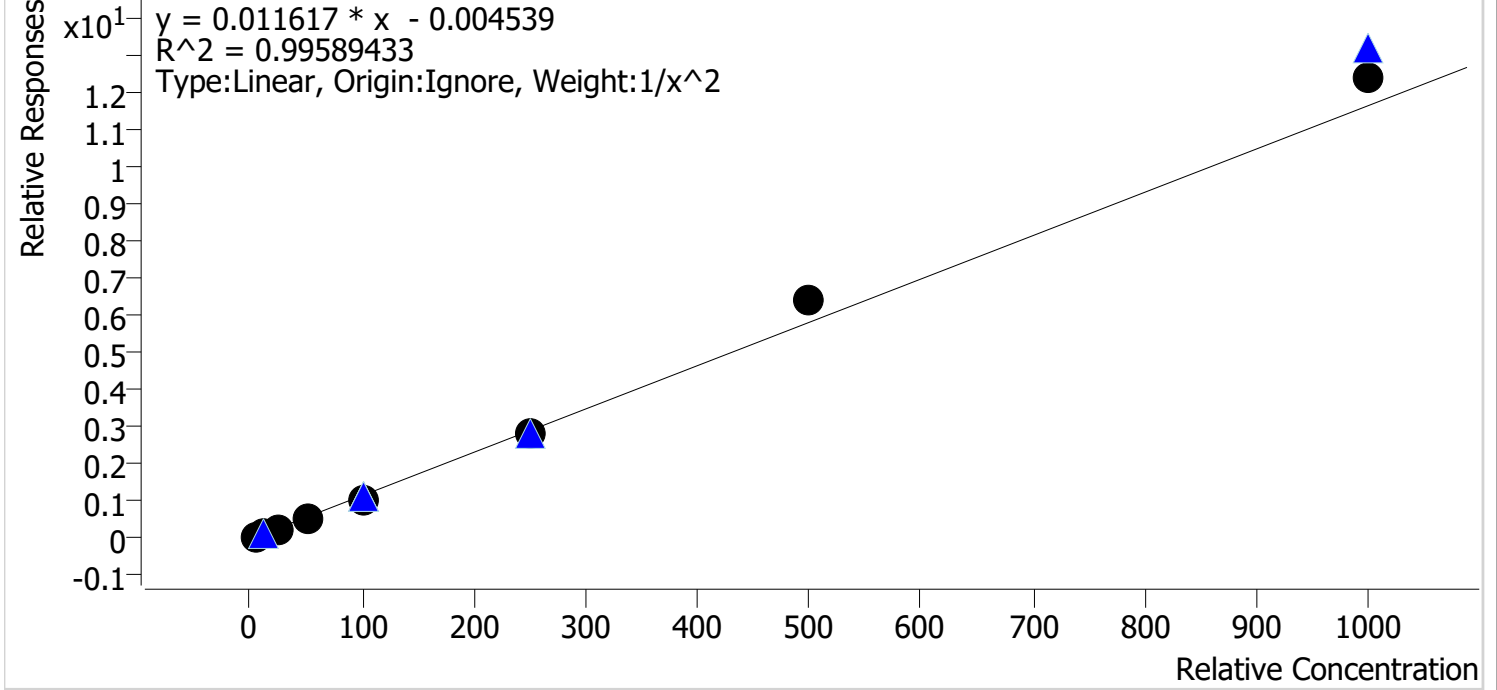


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Norhydrocodone Internal Standard Norhydrocodone-D3

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



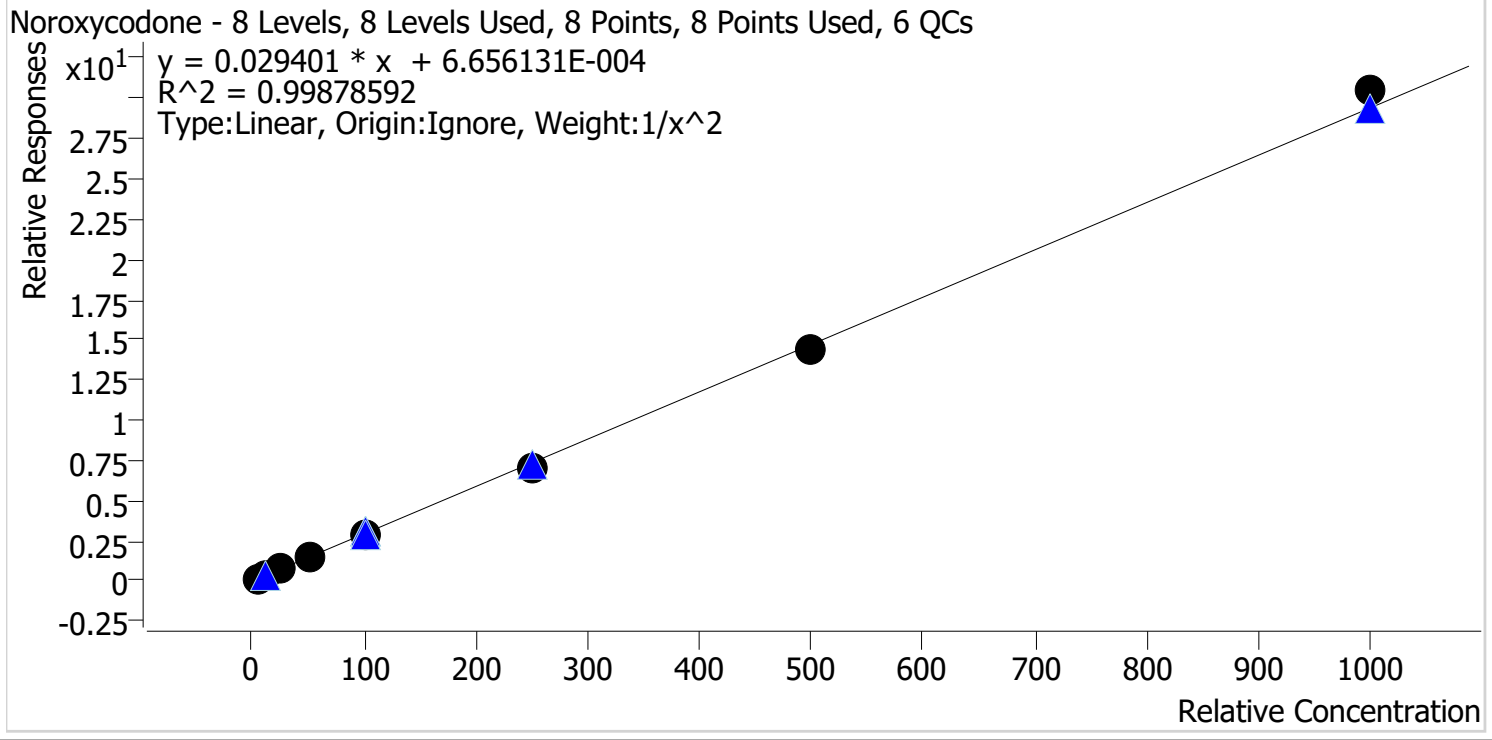
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	93.2	93.2
p1 Cal 6-250ng	6	✓	250.0	244.5	97.8
p1 Cal 7-500ng	7	✓	500.0	548.2	109.6
p1 Cal 8-1000ng	8	✓	1000.0	1061.5	106.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



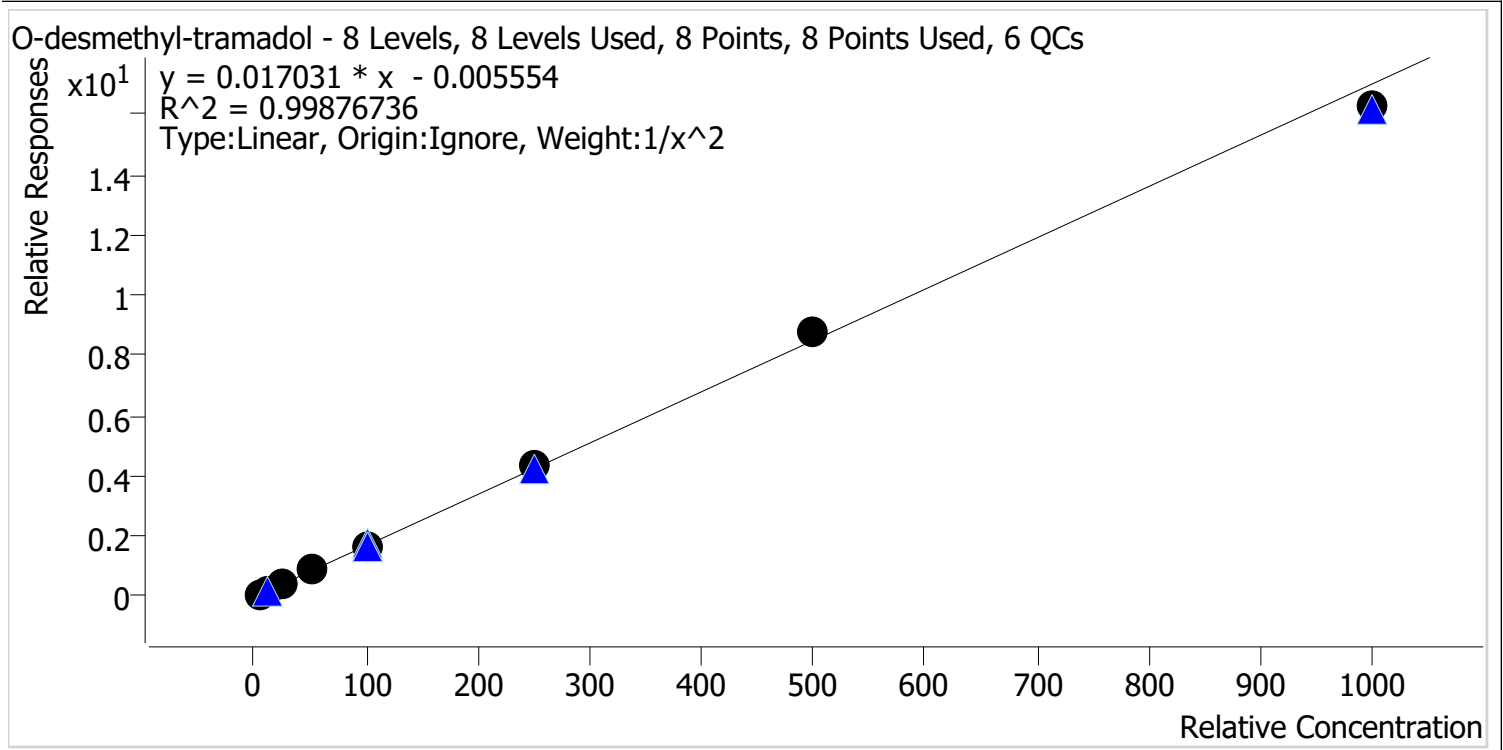
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	237.3	94.9
p1 Cal 7-500ng	7	✓	500.0	491.1	98.2
p1 Cal 8-1000ng	8	✓	1000.0	1036.6	103.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
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	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	956.6	95.7

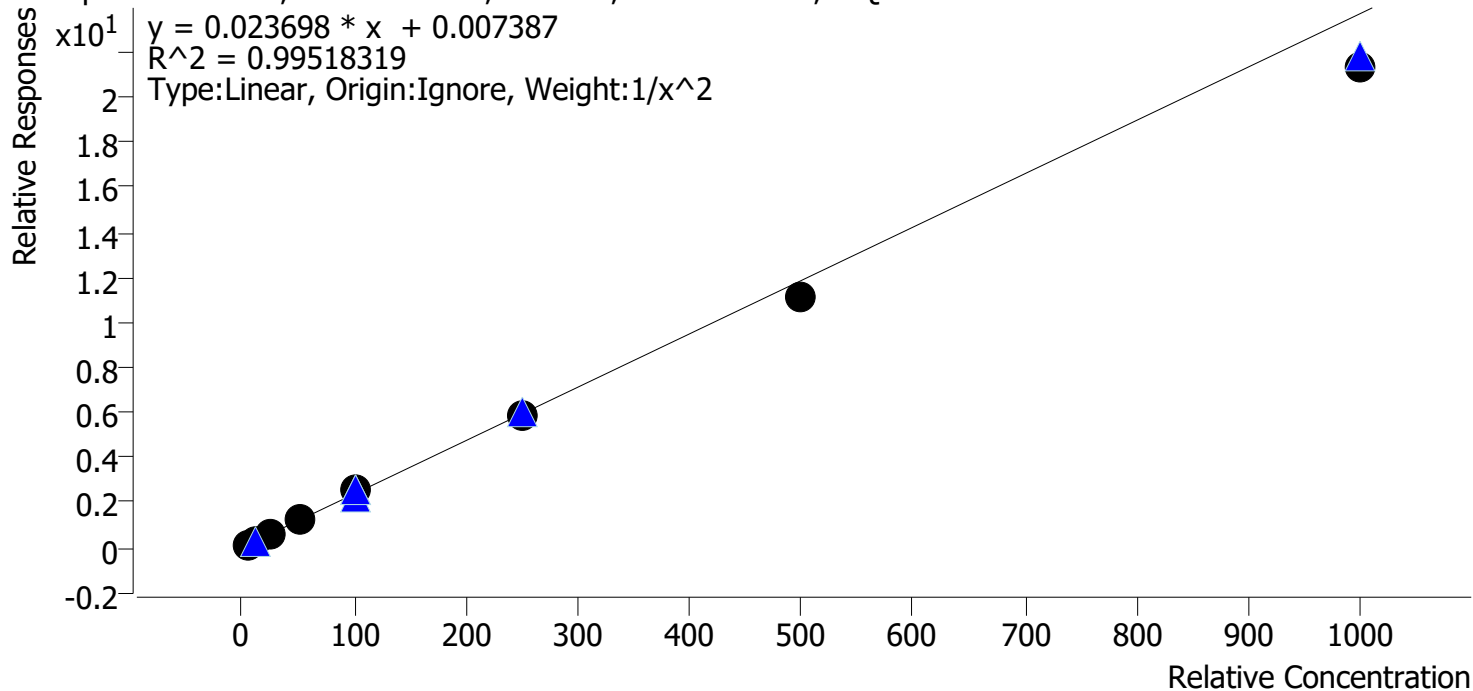
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



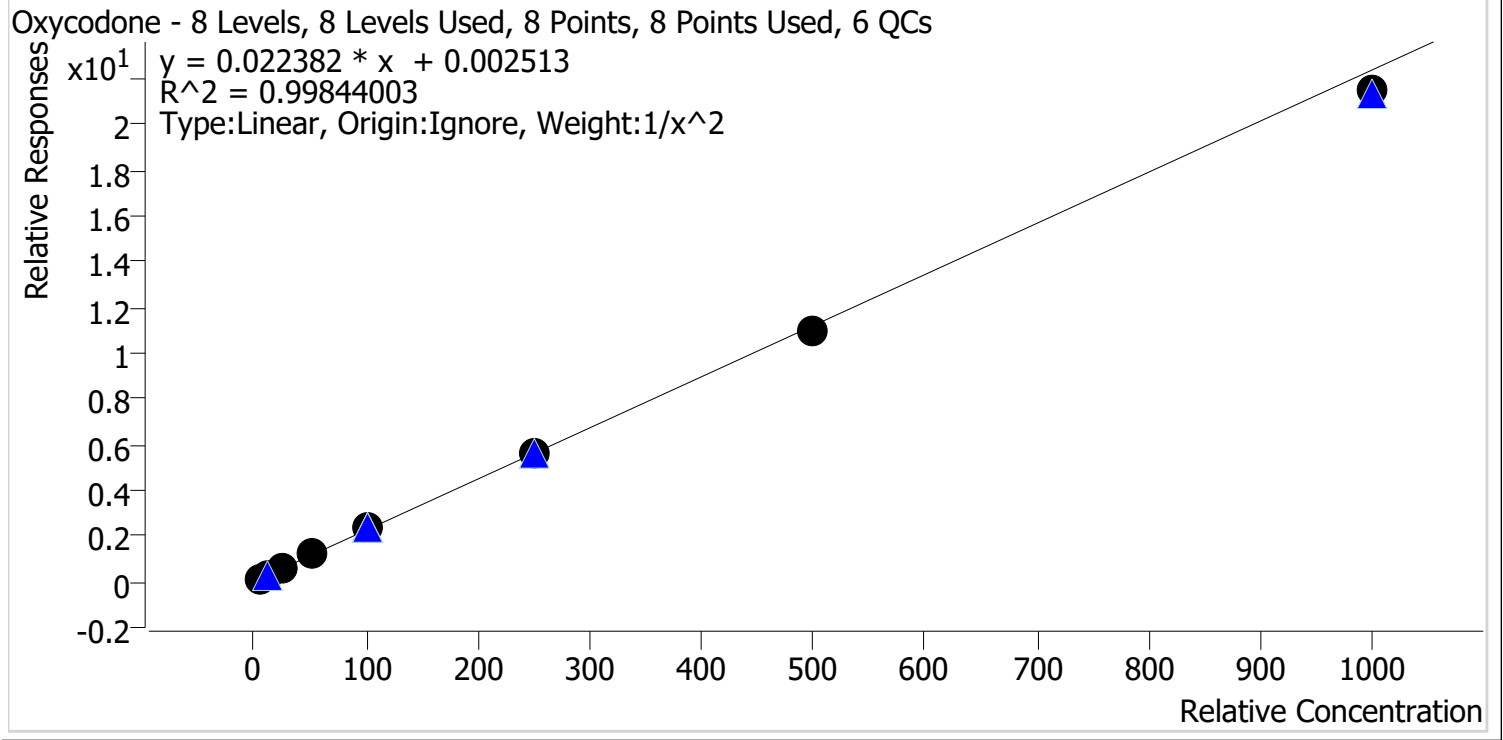
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	471.8	94.4
p1 Cal 8-1000ng	8	✓	1000.0	900.0	90.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



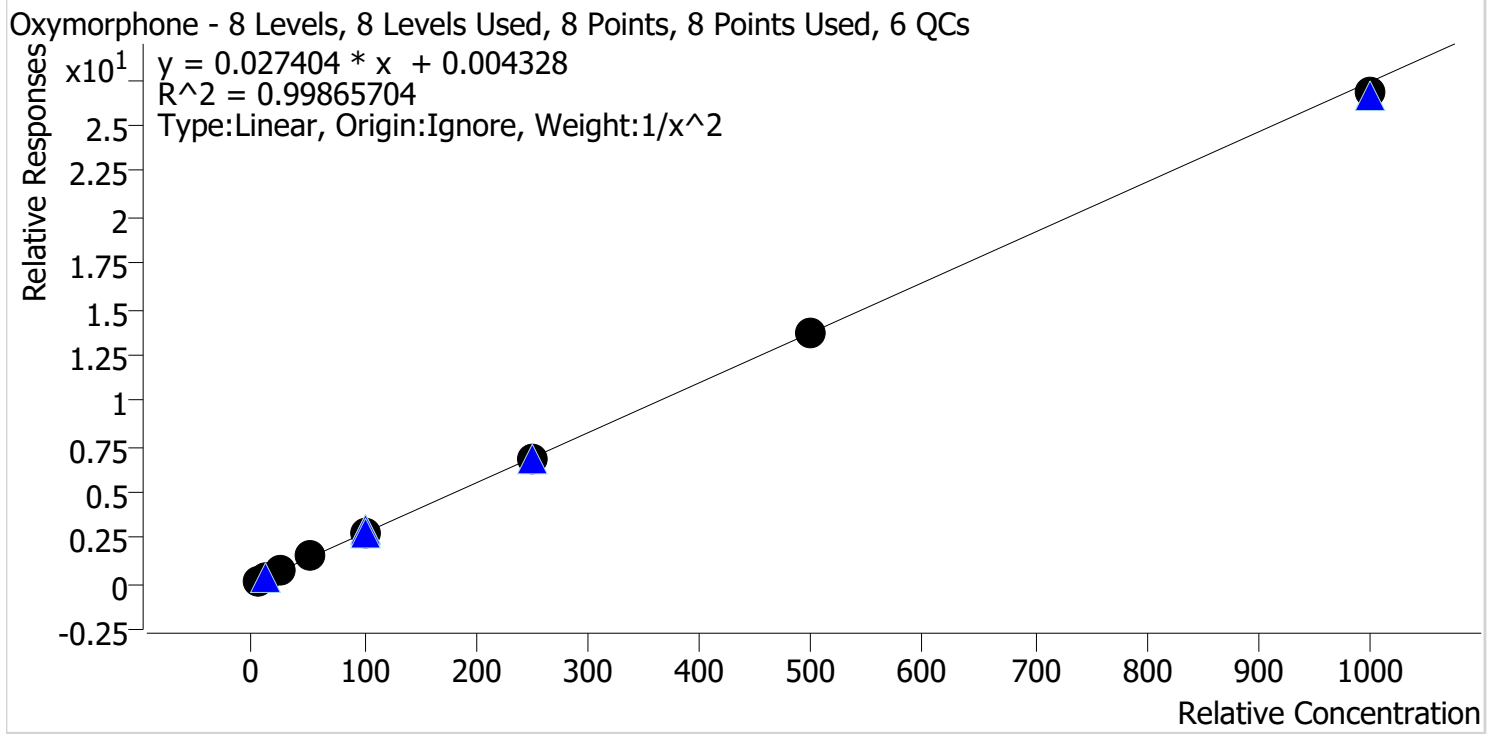
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	487.6	97.5
p1 Cal 8-1000ng	8	✓	1000.0	959.6	96.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	978.6	97.9

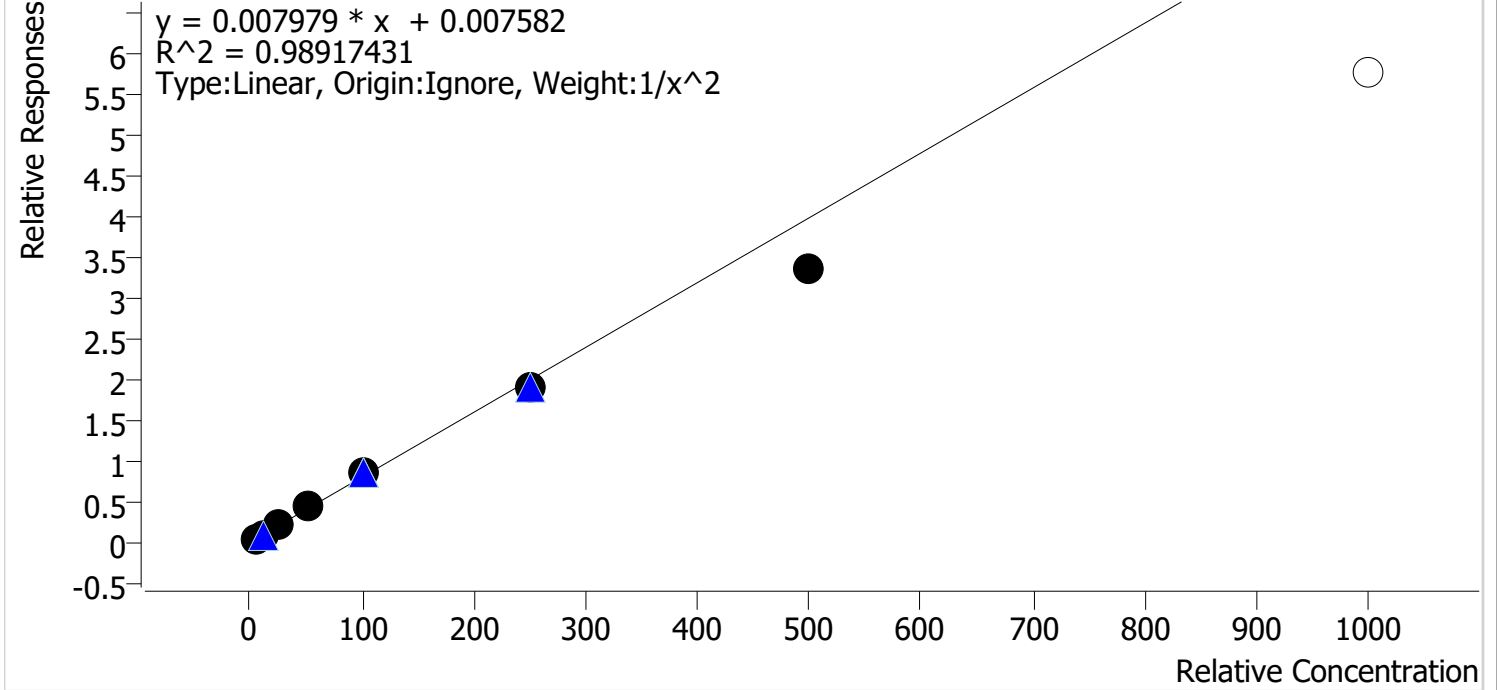


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Phentermine Internal Standard Phentermine-D5

Phentermine - 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	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	55.9	111.8
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	237.8	95.1
p1 Cal 7-500ng	7	✓	500.0	421.7	84.3
p1 Cal 8-1000ng	8	✗	1000.0	722.4	72.2

Calibrator 8 dropped due to not meeting accuracy requirements.

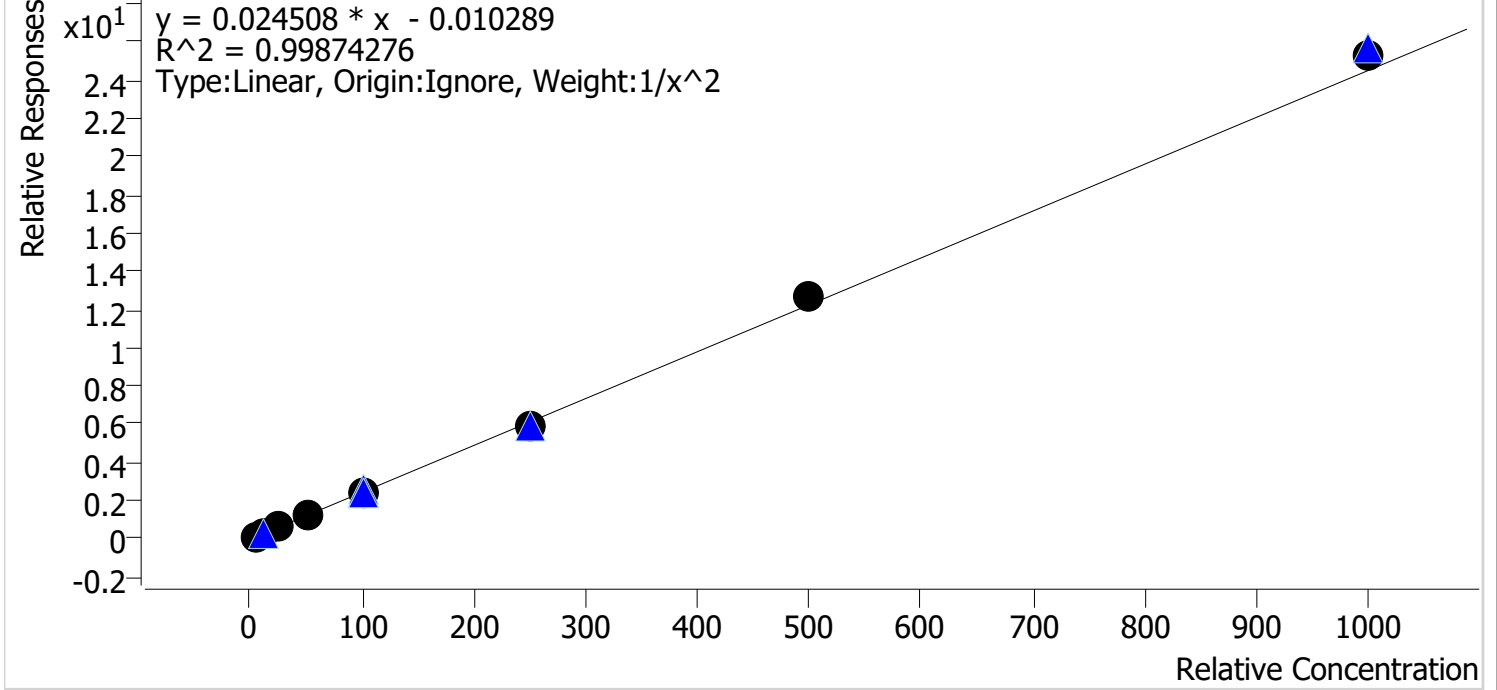


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Promethazine Internal Standard Promethazine-D3

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



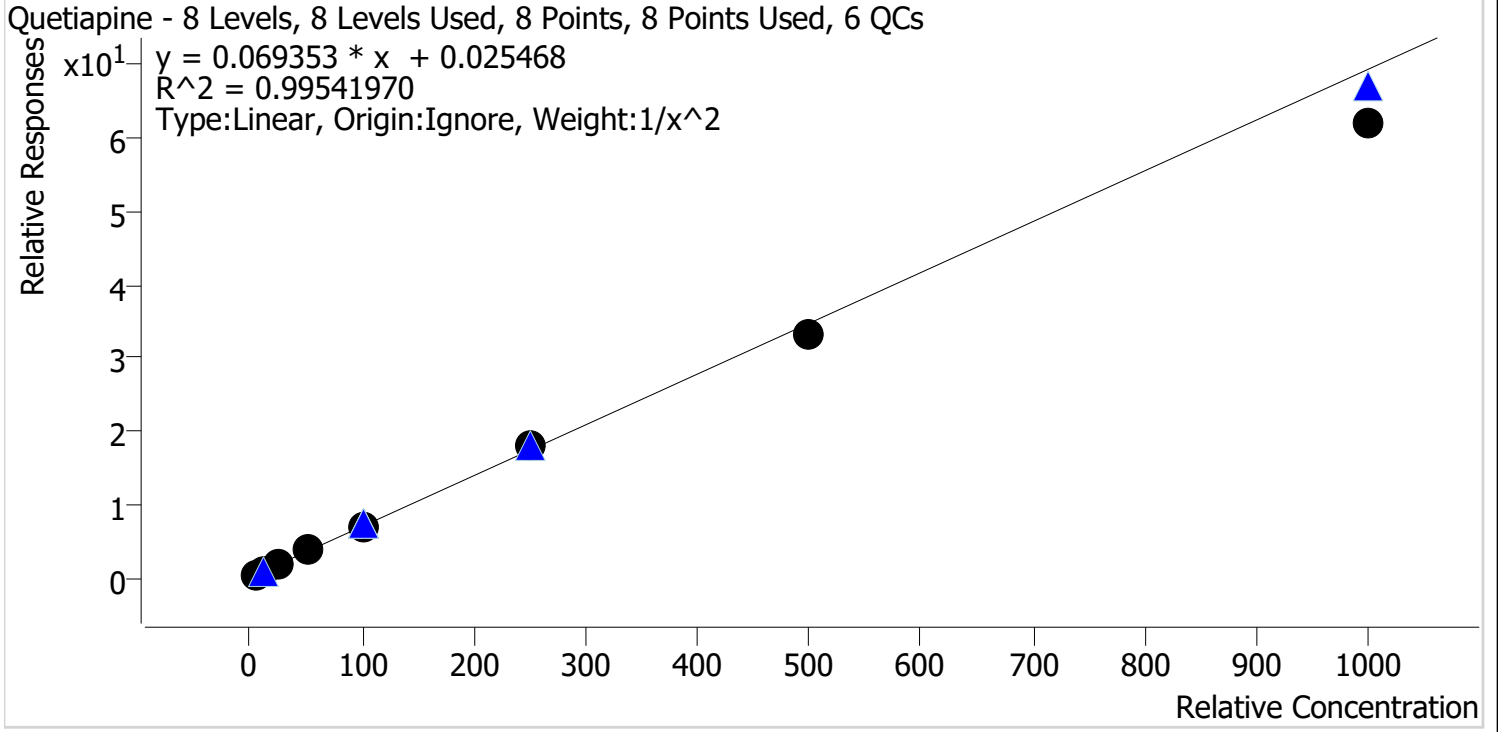
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	243.4	97.3
p1 Cal 7-500ng	7	✓	500.0	519.2	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1031.0	103.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Quetiapine Internal Standard Quetiapine-D8



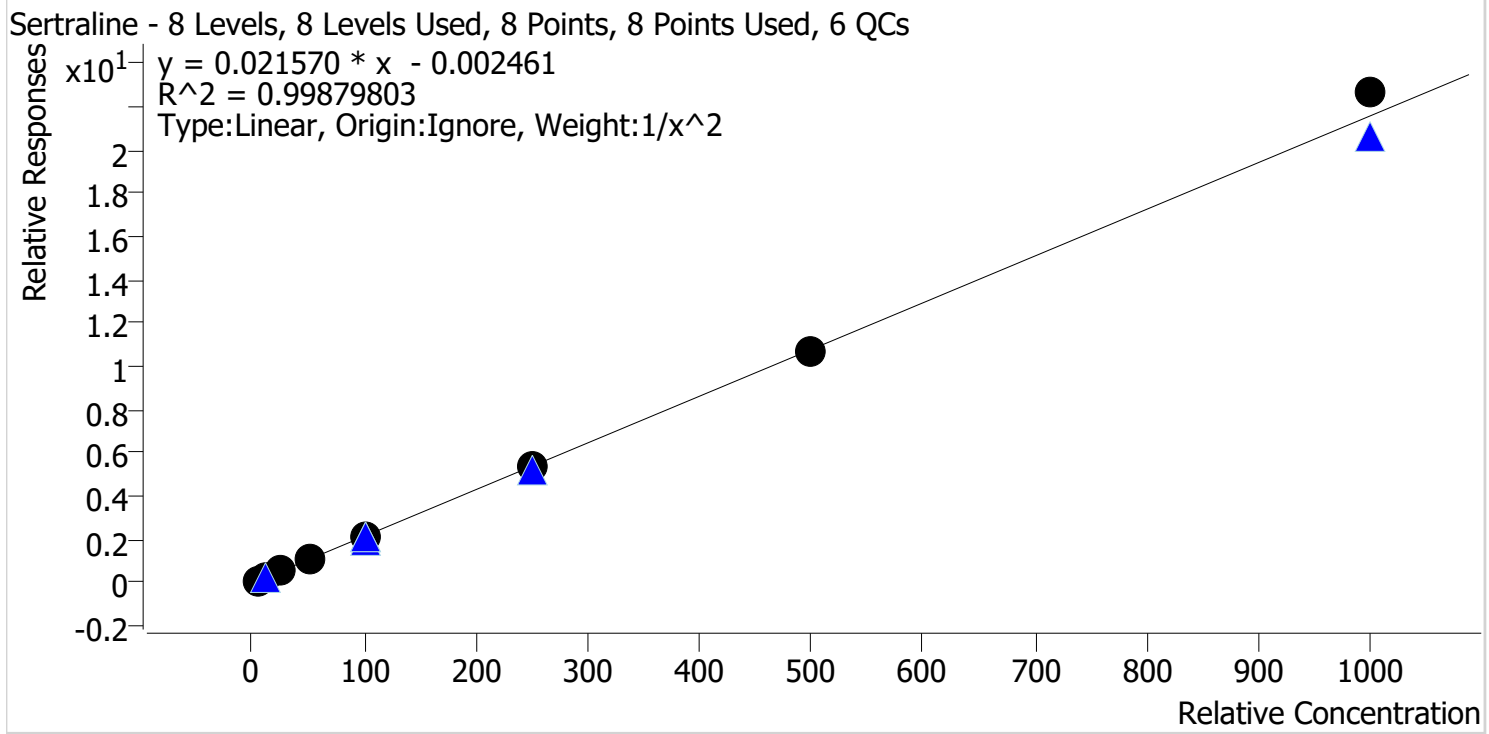
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	480.9	96.2
p1 Cal 8-1000ng	8	✓	1000.0	894.6	89.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



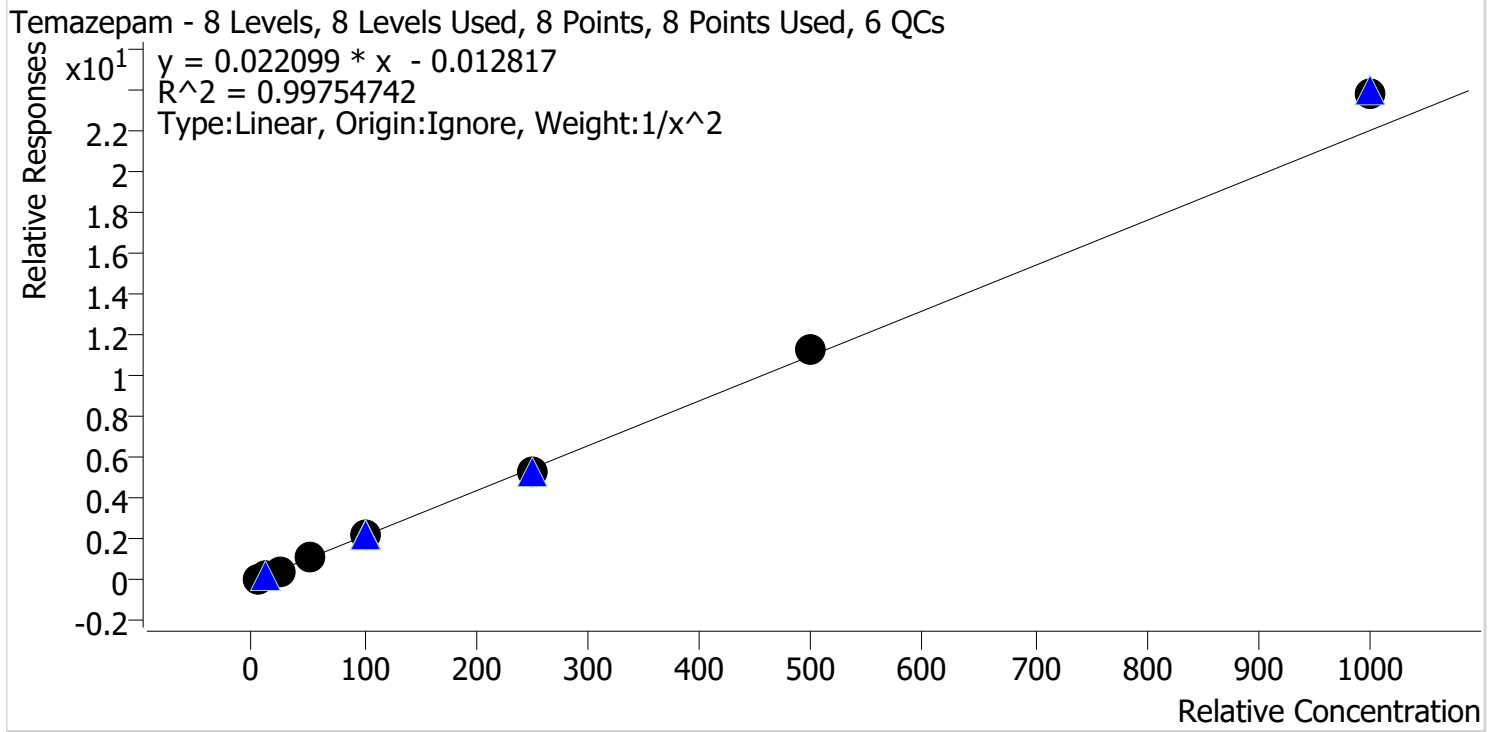
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1049.9	105.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Temazepam Internal Standard Temazepam-D5



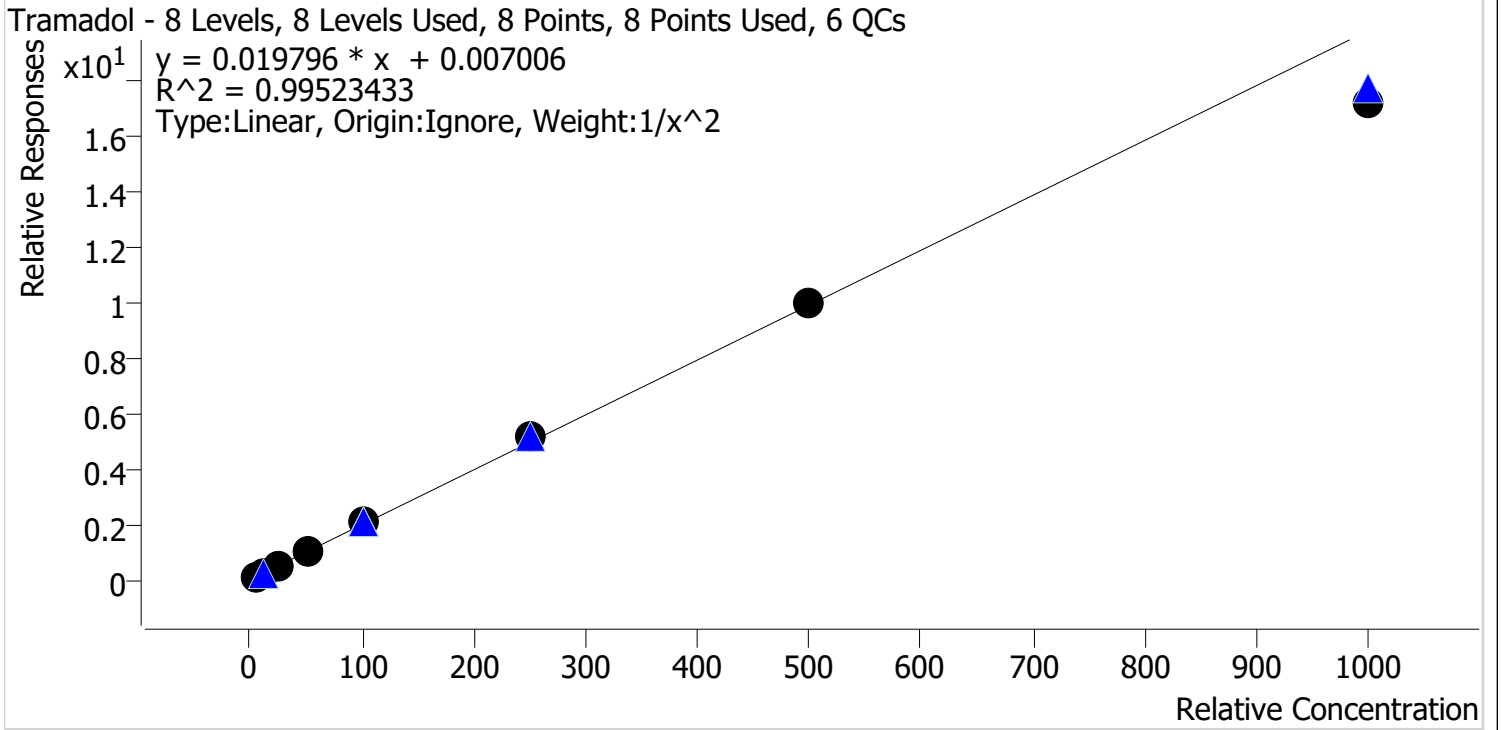
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	242.6	97.1
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1082.7	108.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



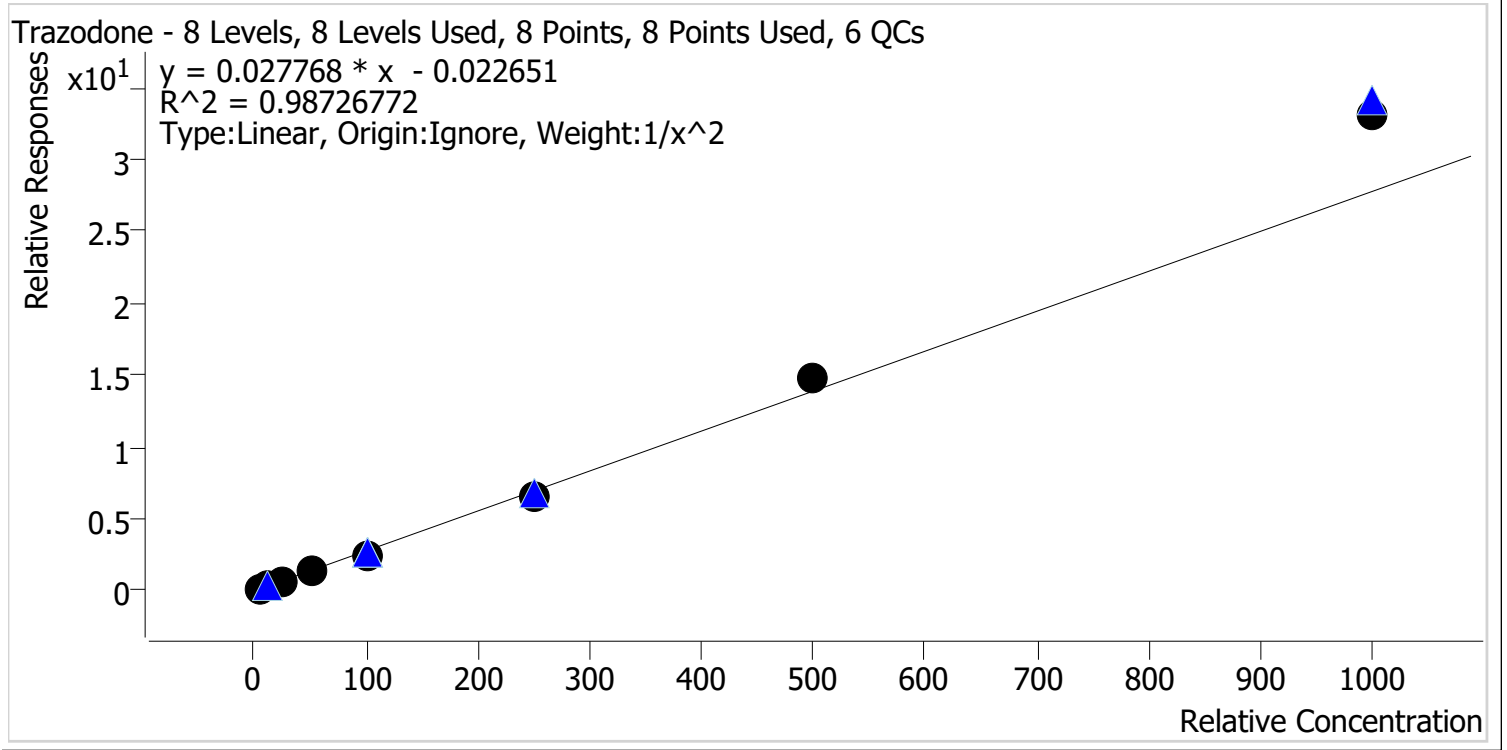
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	262.6	105.0
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	865.9	86.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



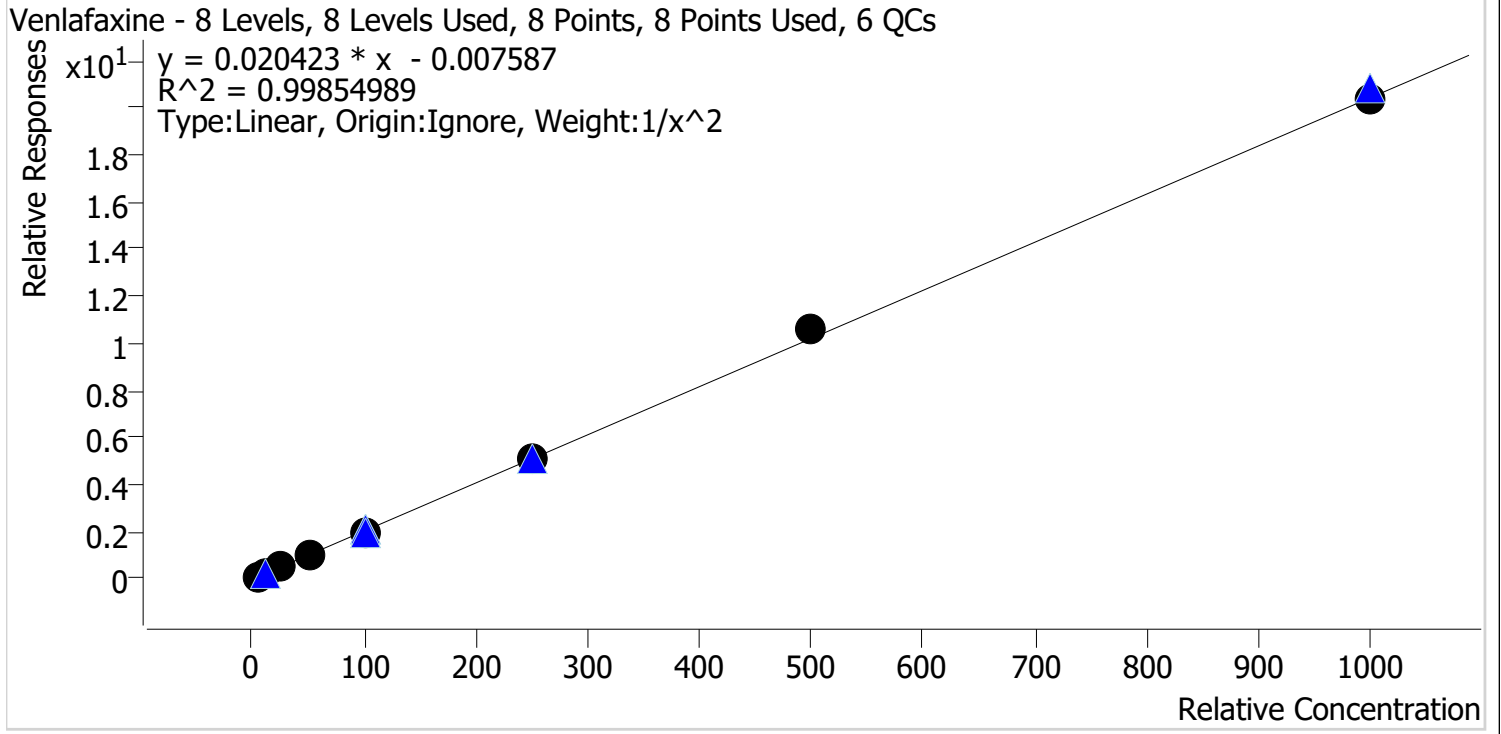
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.8
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	91.3	91.3
p1 Cal 6-250ng	6	✓	250.0	236.9	94.7
p1 Cal 7-500ng	7	✓	500.0	536.3	107.3
p1 Cal 8-1000ng	8	✓	1000.0	1190.7	119.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/20/2021 8:36 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



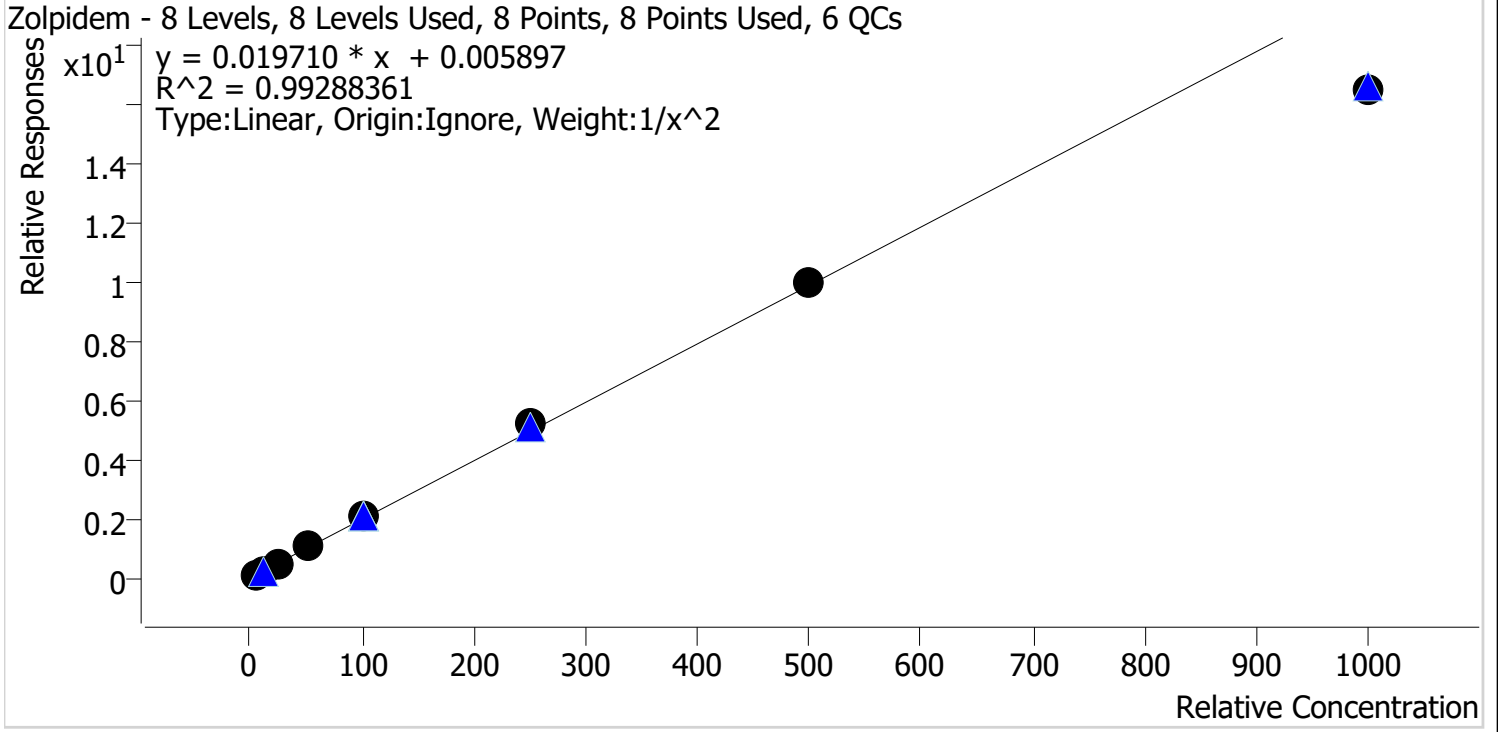
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	250.1	100.1
p1 Cal 7-500ng	7	✓	500.0	523.1	104.6
p1 Cal 8-1000ng	8	✓	1000.0	999.7	100.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 5/20/2021 8:36 AM
 Analyst Name ISP\datastor
 Analyte Zolpidem Internal Standard Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	834.2	83.4

TS

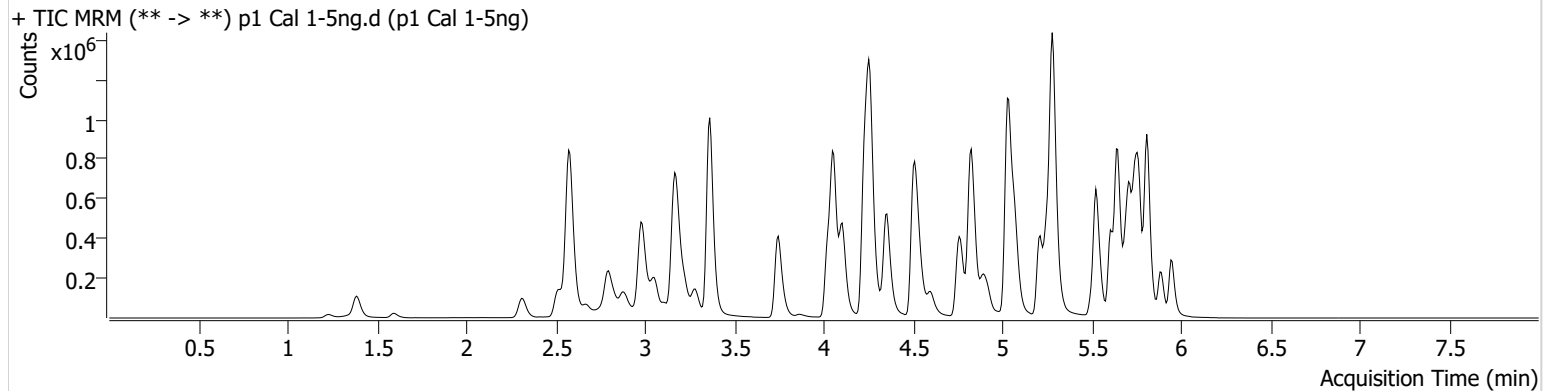


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-H12	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 12:20:38 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	2268	70.95	84.5	4665.52	124569	0.4954 ng/ml
7-aminoclonazepam	4.265	52624	5638.71	79.8	287.60	384251	4.9997 ng/ml
a-hydroxyalprazolam	5.692	26657	78.81	54.5	384.97	619652	4.8824 ng/ml
alpha-PHP	4.923	37756	1020.19	271.3	4818.05	1209647	4.8739 ng/ml
alpha-PVP	4.363	135827	664.82	52.9	479.50	1209647	5.0864 ng/ml
Alprazolam	5.768	85271	467.13	112.6	1091.16	619652	5.0819 ng/ml
Amphetamine	3.056	266258	464.05	49.3	1507.00	519489	4.8735 ng/ml
Benzoylecgonine	3.892	3333	34.44	9.6	974.54	26630	4.9666 ng/ml
Buprenorphine	5.697	2585	80.46	10.3 Low	1355.64	208271	0.3309 ng/ml
Bupropion	4.774	145785	7172.20	61.5	335.58	1023656	5.0296 ng/ml
Carisoprodol	5.724	81902	280.77	56.6	151.58	847720	5.1238 ng/ml
Citalopram	5.212	97247	4756.32	41.3	318.34	904161	5.0833 ng/ml
Clonazepam	5.612	104676	3778.50	32.7	178521.37	244181	4.9032 ng/ml
Clonazepam	5.549	68091	1980.32	36.2	51487.98	244181	5.1231 ng/ml
Cocaine	4.257	105262	1855.17	52.6	112879.20	2018701	5.1365 ng/ml
Codeine	2.566	12192	14234.36	105.3	651.43	119764	4.8487 ng/ml
Cyclobenzaprine	5.615	58032	312.17	8.7	34.71	493135	5.0927 ng/ml
Dextromethorphan	5.255	55585	121.01	80.9	27022.87	524113	5.0683 ng/ml
Dextrophan	4.105	39737	1254.61	203.8	2409.85	936093	5.1193 ng/ml
Diazepam	5.953	58146	188.44	85.9	1158.24	526549	4.9985 ng/ml
Dihydrocodeine	2.545	29221	100537.79	65.7	578.41	351977	4.7509 ng/ml
Diphenhydramine	5.289	242991	2700.82	33.3	8504.41	3033106	5.1086 ng/ml
Doxylamine	4.522	260626	10055.42	97.2	807024.59	2269231	4.9739 ng/ml
EDDP	5.254	44183	812.12	42.1	109.07	487360	5.0904 ng/ml
Etizolam	5.813	52850	56112.18	26.5	335.43	244181	5.2059 ng/ml
Fentanyl	5.082	7302	49.37	74.1	8500.63	707841	0.5109 ng/ml
Flualprazolam	5.698	39593	1389.54	101.5	2057.73	619652	5.0005 ng/ml
Fluoxetine	5.700	62096	3215.97	9.0	13109.02	513442	4.9731 ng/ml
Hydrocodone	3.012	45663	103.96	39.3	93.35	1069948	4.8891 ng/ml
Hydromorphone	1.595	40972	175734.66	75.4	1264.37	11419	4.9583 ng/ml
Ketamine	4.037	100341	5250.57	35.5	506.96	947127	4.9389 ng/ml
Lamotrigine	4.267	9031	60.59	77.8	4217.78	947127	4.7944 ng/ml
Levetiracetam	2.676	39178	874.17	167.8	427.96	2343846	5.2304 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	98033	618.86	55.3	120.63	244181	4.8617 ng/ml
MDA	3.196	177745	1155.93	24.7	67.80	860384	4.7342 ng/ml
MDMA	3.290	100825	232856.27	77.9	572.73	189835	5.1206 ng/ml
Meprobamate	4.917	50204	2226.86	26.9	269.73	433820	4.8985 ng/ml
Methadone	5.646	164634	4455.77	47.5	810.23	1497764	5.1050 ng/ml
Methamphetamine	3.224	197342	1301.93	38.7	486.95	1375849	4.7959 ng/ml
Metoprolol	4.319	24818	2506.71	87.9	269.57	2092105	4.9031 ng/ml
Mirtazapine	4.597	164568	735.67	51.3	1724.75	1209647	4.9722 ng/ml
Mitragynine	5.210	33608	41929.56	39.7	844.86	1497764	5.1156 ng/ml
Morphine	1.233	5631	26.79	34.8	160.16	11419	5.0301 ng/ml
Norbuprenorphine	4.986	430	400.01	89.2	1583.04	33123	0.5035 ng/ml
Nordiazepam	5.893	59590	360032.13	53.7	383.08	396394	4.9525 ng/ml
Norfentanyl	4.079	22152	27061.33	34.0	71.23	1892309	0.5198 ng/ml
Norhydrocodone	3.059	7514	58.54	40.0	63.42	136906	5.1153 ng/ml
Noroxycodone	2.903	50260	555.93	43.4	289.32	340977	4.9908 ng/ml
O-desmethyl-tramadol	3.369	200767	14471.74	6.8	243.67	2485816	5.0683 ng/ml
Oxazepam	5.749	112195	222.30	75.4	66.70	904309	4.9236 ng/ml
Oxycodone	2.827	95678	530.64	26.6	510.15	834960	5.0075 ng/ml
Oxymorphone	1.391	46064	728.68	43.1	395.68	321036	5.0780 ng/ml
Phentermine	3.783	53993	150.54	4.5	35.60	1165137	4.8578 ng/ml
Promethazine	5.525	128678	235.75	28.0	175.40	1122858	5.0958 ng/ml
Pseudoephedrine	2.589	242202	506.81	16.3	862.26	2343846	5.1627 ng/ml
Quetiapine	5.514	100840	2216.86	59.9	214171.19	277026	4.8814 ng/ml
Sertraline	5.762	25738	158.11	94.6	203.96	243337	5.0178 ng/ml
Temazepam	5.816	172537	625.71	29.6	192.28	1718767	5.1225 ng/ml
Tramadol	4.246	222367	403.93	3.8	255.28	2092105	5.0152 ng/ml
Trazodone	5.074	102575	211337.36	82.0	136686.04	838799	5.2196 ng/ml
Venlafaxine	5.037	197112	9607.54	37.7	248.86	2035317	5.1134 ng/ml
Zolpidem	4.846	225048	568549.65	31.4	554.74	2168554	4.9661 ng/ml

AM #28 Multi-Drug Quant. Results

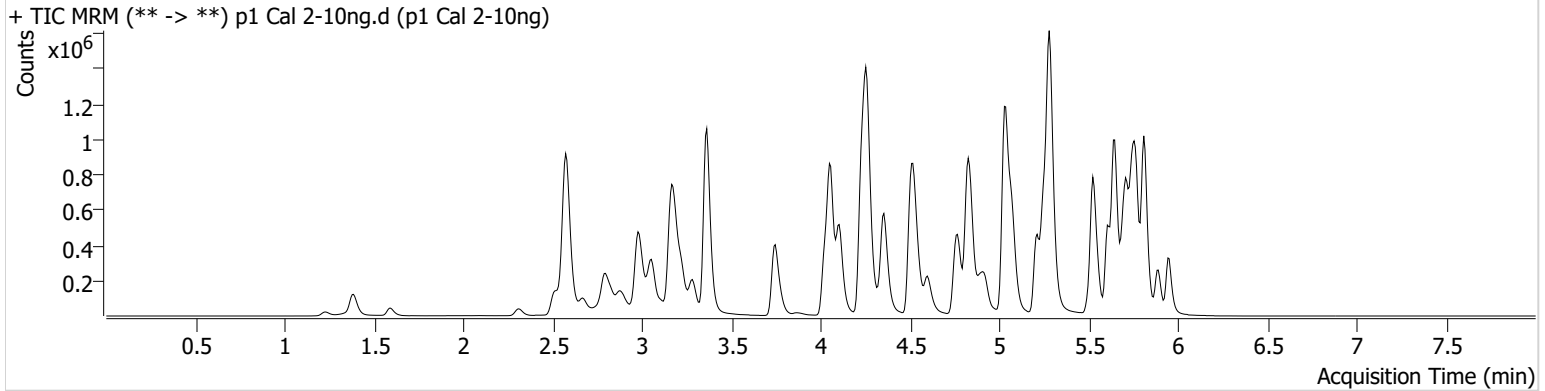
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G12	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 12:31:23 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4881	20122.06	66.8	17562.89	121664	1.0296 ng/ml
7-aminoclonazepam	4.265	102889	11744.07	77.8	2305.46	379843	9.9259 ng/ml
a-hydroxyalprazolam	5.692	46985	91.12	59.5	490.03	592269	10.1199 ng/ml
alpha-PHP	4.923	75781	943.66	267.1	3991.38	1178983	10.2835 ng/ml
alpha-PVP	4.363	262602	8465.02	52.6	443.29	1178983	9.7838 ng/ml
Alprazolam	5.768	162452	690.96	114.1	1096.43	592269	9.7726 ng/ml
Amphetamine	3.056	507499	569.23	48.9	1539.15	509300	10.2145 ng/ml
Benzoylecgonine	3.892	6346	171.84	7.9	68.53	24228	10.3291 ng/ml
Buprenorphine	5.697	5891	13180.09	12.8	885.20	219289	0.9578 ng/ml
Bupropion	4.774	287081	591.69	60.9	384.40	1011879	9.9009 ng/ml
Carisoprodol	5.724	159170	402577.68	56.0	525.92	809627	9.8949 ng/ml
Citalopram	5.212	188275	1005.54	40.9	271885.18	870702	9.8952 ng/ml
Clonazepam	5.612	191285	6597.57	32.9	612.58	235602	9.9150 ng/ml
Clonazepam	5.548	131297	5238.46	37.0	71465.77	235602	9.7507 ng/ml
Cocaine	4.257	197790	267.19	54.1	19367.91	1964542	9.6215 ng/ml
Codeine	2.566	23246	1884.50	102.5	53.79	115578	10.1307 ng/ml
Cyclobenzaprine	5.608	117163	4955.71	8.6	301.73	489547	9.8437 ng/ml
Dextromethorphan	5.255	108669	102.66	82.6	381.79	525667	9.8024 ng/ml
Dextrophan	4.105	75672	548.84	200.3	269.18	933667	9.7196 ng/ml
Diazepam	5.953	110098	692.68	86.8	474.74	504984	9.9821 ng/ml
Dihydrocodeine	2.545	58926	21489.37	63.9	2340.15	338812	10.6455 ng/ml
Diphenhydramine	5.282	481726	2289.70	33.2	3208.03	3023076	9.7594 ng/ml
Doxylamine	4.522	507831	15508.49	96.2	775275.04	2223838	9.9468 ng/ml
EDDP	5.254	152175	337.01	42.8	402.35	829525	9.8636 ng/ml
Etizolam	5.813	101933	1470.35	24.6	56717.95	235602	9.6270 ng/ml
Fentanyl	5.082	15566	72.07	63.6	26730.71	742979	0.9839 ng/ml
Flualprazolam	5.698	75527	6032.51	100.9	1396.67	592269	10.0316 ng/ml
Fluoxetine	5.700	127007	6478.21	8.5	1556.91	528085	9.9824 ng/ml
Hydrocodone	3.012	87747	226.58	40.4	57.72	1064540	10.0595 ng/ml
Hydromorphone	1.595	77528	1514.89	76.4	1300.66	11340	9.9288 ng/ml
Ketamine	4.037	192270	561.70	35.8	370.43	902474	10.1178 ng/ml
Lamotrigine	4.267	17442	255.25	80.8	182.66	902474	10.3735 ng/ml
Levetiracetam	2.670	73168	679.34	167.4	399.51	2304575	9.4472 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	176817	1992.39	57.1	140.03	235602	10.2795 ng/ml
MDA	3.196	336422	996.05	24.7	267.31	837557	10.2803 ng/ml
MDMA	3.290	192816	12119.29	78.4	1517.28	187986	9.6729 ng/ml
Meprobamate	4.917	91418	333.84	28.4	898.21	419554	10.0075 ng/ml
Methadone	5.646	336921	543.88	48.5	834.97	1556805	9.7834 ng/ml
Methamphetamine	3.224	364867	803.30	37.4	867.64	1340091	10.2954 ng/ml
Metoprolol	4.319	48272	724.58	91.4	929.21	2104776	10.0903 ng/ml
Mirtazapine	4.597	316045	3282.39	51.3	3864.79	1178983	10.1398 ng/ml
Mitragynine	5.210	63462	1163.43	39.7	654.25	1556805	9.5792 ng/ml
Morphine	1.233	10784	196.99	35.8	162.85	11340	9.8145 ng/ml
Norbuprenorphine	4.986	781	534.28	111.8	1988.63	33126	0.9990 ng/ml
Nordiazepam	5.893	112551	645.35	56.5	2036.71	376675	10.0590 ng/ml
Norfentanyl	4.079	41392	438.17	35.1	186.57	1845307	0.9502 ng/ml
Norhydrocodone	3.059	14335	93.12	41.2	59.96	131431	9.7791 ng/ml
Noroxycodone	2.903	97682	906.92	41.6	309.80	329311	10.0663 ng/ml
O-desmethyl-tramadol	3.369	390244	1613.56	6.8	588.19	2411239	9.8290 ng/ml
Oxazepam	5.749	206070	835.86	75.1	266.45	845825	9.9690 ng/ml
Oxycodone	2.827	182786	1148.88	26.9	771.44	818547	9.8648 ng/ml
Oxymorphone	1.385	83312	269.19	43.7	531.93	310979	9.6181 ng/ml
Phentermine	3.783	101239	4532.97	4.4	37.22	1142545	10.1556 ng/ml
Promethazine	5.525	263907	420.22	28.1	1401.03	1148958	9.7920 ng/ml
Pseudoephedrine	2.583	469026	745.58	16.4	277.46	2304575	9.6483 ng/ml
Quetiapine	5.514	203844	256348.87	57.8	2435.35	276554	10.2608 ng/ml
Sertraline	5.762	58700	370.71	96.7	578.92	273214	10.0748 ng/ml
Temazepam	5.816	333238	2127.92	29.3	166.59	1641800	9.7647 ng/ml
Tramadol	4.246	422043	367.32	3.6	423.73	2104776	9.7751 ng/ml
Trazodone	5.074	203907	2630.42	78.7	18059.85	827205	9.6929 ng/ml
Venlafaxine	5.037	384661	4958.99	38.2	340.27	2008311	9.7497 ng/ml
Zolpidem	4.846	434920	33568.29	30.9	543.25	2156585	9.9328 ng/ml

TS

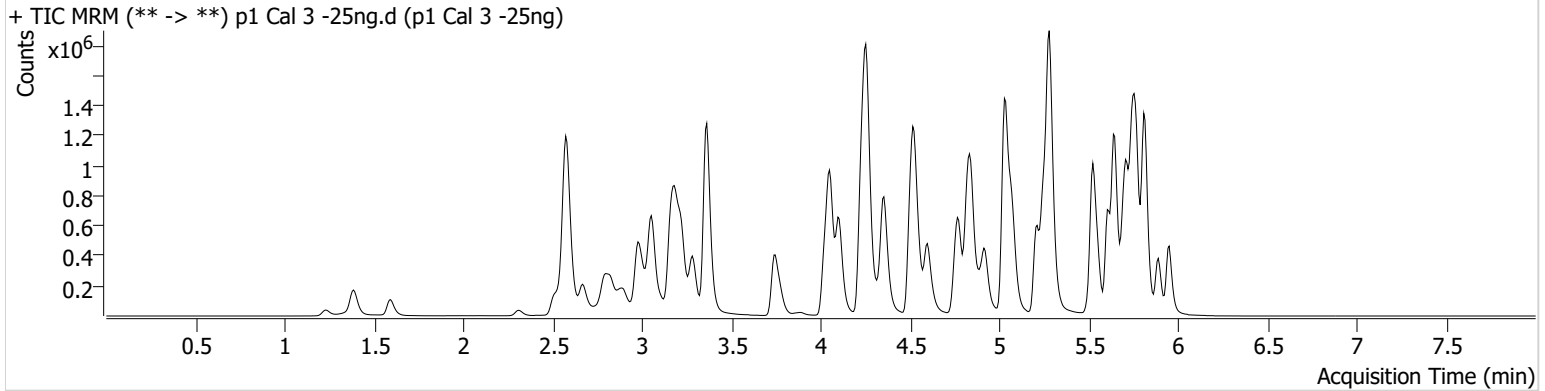


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-F12 **Comment**
Injection Volume 2
Acq. Date-Time 5/19/2021 12:41:58 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	11761	33757.93	68.5	69.55	122058	2.4004 ng/ml
7-aminoclonazepam	4.265	247110	208.49	78.1	9651.58	370003	24.5286 ng/ml
a-hydroxyalprazolam	5.692	112592	788.68	59.7	443.08	603759	25.5759 ng/ml
alpha-PHP	4.923	181685	283.42	269.1	2689.55	1168379	25.2088 ng/ml
alpha-PVP	4.363	651409	∞	52.4	2536.86	1168379	24.0227 ng/ml
Alprazolam	5.768	408479	826.45	112.3	781.62	603759	23.5786 ng/ml
Amphetamine	3.056	1206525	9394.34	49.0	2434.45	498025	25.9545 ng/ml
Benzoylecgonine	3.892	14935	5305.43	8.3	57.95	24977	23.5059 ng/ml
Buprenorphine	5.697	12587	404.61	15.4	124.23	197367	2.5587 ng/ml
Bupropion	4.774	693160	9959.64	61.7	672.12	987670	24.3154 ng/ml
Carisoprodol	5.724	368281	601.36	58.4	1754.15	794563	22.6314 ng/ml
Citalopram	5.212	422195	1201.21	42.1	13323.34	811440	23.3584 ng/ml
Clonazepam	5.612	482487	1454.62	32.0	645202.91	235003	26.1480 ng/ml
Clonazepam	5.548	323860	16918.81	38.0	382326.75	235003	23.3932 ng/ml
Cocaine	4.257	494094	4276.63	52.9	635.53	1944132	23.8026 ng/ml
Codeine	2.566	58233	350.97	101.4	354.31	114644	26.4475 ng/ml
Cyclobenzaprine	5.608	243230	36922.01	9.1	323.71	411647	23.5729 ng/ml
Dextromethorphan	5.255	236135	285.16	81.8	3481.07	460644	24.1873 ng/ml
Dextrophan	4.105	182441	334580.25	208.3	1198.63	925445	23.5553 ng/ml
Diazepam	5.953	271173	8557.23	88.3	556.71	511131	24.4572 ng/ml
Dihydrocodeine	2.545	142102	20535.09	67.4	570.13	343528	26.1916 ng/ml
Diphenhydramine	5.282	1108255	27683.43	32.9	4591.42	2795727	23.6735 ng/ml
Doxylamine	4.522	1255480	5821.77	97.2	582.25	2218468	24.7364 ng/ml
EDDP	5.254	353729	268.73	41.9	445.04	777205	23.8392 ng/ml
Etizolam	5.813	253996	15948.81	25.4	64306.03	235003	22.8806 ng/ml
Fentanyl	5.082	31307	8822.19	67.6	385.42	603849	2.3581 ng/ml
Flualprazolam	5.698	180662	7383.14	104.9	9593.19	603759	23.6089 ng/ml
Fluoxetine	5.700	258220	766885.70	8.6	48187.02	434174	24.8231 ng/ml
Hydrocodone	3.012	220273	1370.50	38.6	1452.69	1085664	25.7292 ng/ml
Hydromorphone	1.595	192105	1707.84	78.0	2114.70	11234	25.6341 ng/ml
Ketamine	4.037	468438	18806.72	36.3	1451.31	899955	24.9846 ng/ml
Lamotrigine	4.267	43928	3032.98	81.1	1764.87	899955	27.1725 ng/ml
Levetiracetam	2.670	186192	1117.98	161.7	787.28	2314990	23.1018 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	427905	2217.36	57.2	387.07	235003	26.8953 ng/ml
MDA	3.196	814643	2750.33	24.2	795.95	805364	27.6180 ng/ml
MDMA	3.283	469612	3286.49	79.7	2846.12	182602	23.9039 ng/ml
Meprobamate	4.917	227627	6189.45	27.4	1664.31	417646	26.3661 ng/ml
Methadone	5.646	731823	3286.73	48.2	943.20	1376996	23.6229 ng/ml
Methamphetamine	3.224	862805	1001.17	38.1	6404.18	1333489	26.2921 ng/ml
Metoprolol	4.319	117242	117852.65	92.2	1374.11	2097236	25.5361 ng/ml
Mirtazapine	4.597	739290	3485.26	50.3	3164.72	1168379	24.4147 ng/ml
Mitragynine	5.210	141255	1223.43	39.5	528.08	1376996	24.6363 ng/ml
Morphine	1.233	26974	833.86	34.2	1619.60	11234	24.9692 ng/ml
Norbuprenorphine	4.986	1603	2787.66	90.1	617.09	30725	2.3337 ng/ml
Nordiazepam	5.893	275904	733.35	56.4	1218.85	381372	24.6643 ng/ml
Norfentanyl	4.079	105482	941.41	35.3	185.75	1849021	2.3393 ng/ml
Norhydrocodone	3.059	32550	119.66	41.7	115.78	116847	24.3697 ng/ml
Noroxycodone	2.896	234221	821.50	42.7	1518.35	326259	24.3947 ng/ml
O-desmethyl-tramadol	3.362	976510	52011.98	6.7	2852.64	2425287	23.9674 ng/ml
Oxazepam	5.749	504575	353.16	73.6	250.36	816455	25.7668 ng/ml
Oxycodone	2.821	461105	748.92	27.4	591.34	830592	24.6914 ng/ml
Oxymorphone	1.385	212102	∞	43.6	712.79	312271	24.6278 ng/ml
Phentermine	3.776	245514	1028.62	4.3	436.44	1138842	26.0700 ng/ml
Promethazine	5.525	541779	787.86	27.8	473.84	947018	23.7629 ng/ml
Pseudoephedrine	2.583	1173966	610.48	16.3	15436.52	2314990	23.2414 ng/ml
Quetiapine	5.514	464393	300.48	58.0	678855.12	263416	25.0528 ng/ml
Sertraline	5.762	108429	2927.26	96.3	414.76	211549	23.8763 ng/ml
Temazepam	5.816	819415	5406.61	28.1	287.24	1615691	23.5297 ng/ml
Tramadol	4.239	1056001	10288.12	3.7	345.54	2097236	25.0811 ng/ml
Trazodone	5.074	433360	11052.70	81.1	18535.48	729559	22.2073 ng/ml
Venlafaxine	5.037	949239	1923.17	38.0	2570.27	2015955	23.4266 ng/ml
Zolpidem	4.846	1067989	35891.95	30.9	1982.07	2142614	24.9904 ng/ml

TS

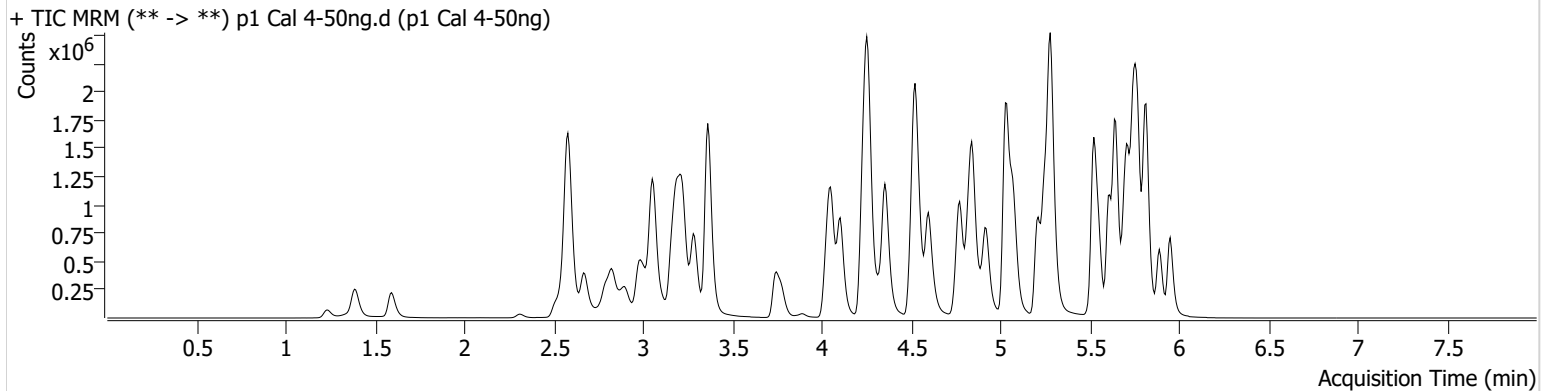


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-E12	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 12:52:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	25522	1195.11	66.7	480.00	120452	5.2164 ng/ml
7-aminoclonazepam	4.265	508234	178.74	77.5	14931.23	352548	52.9900 ng/ml
a-hydroxyalprazolam	5.692	224765	2806.32	57.2	416.90	544917	58.1726 ng/ml
alpha-PHP	4.923	375566	3641.39	264.5	1634.63	1124167	54.4265 ng/ml
alpha-PVP	4.363	1338775	11533.60	52.6	670.34	1124167	50.9599 ng/ml
Alprazolam	5.768	835208	2164.15	110.8	7690.30	544917	52.9622 ng/ml
Amphetamine	3.056	2386458	30623.57	49.0	860.06	473437	54.8497 ng/ml
Benzoylecgonine	3.892	31934	289.49	7.3	37.48	24603	50.9538 ng/ml
Buprenorphine	5.697	24229	607.68	15.5	5285.98	179711	5.6402 ng/ml
Bupropion	4.774	1386897	∞	61.8	805.77	919748	52.1064 ng/ml
Carisoprodol	5.724	753238	1243255.11	56.6	926.52	729481	49.7868 ng/ml
Citalopram	5.212	873613	836.46	41.8	334.09	763277	50.9981 ng/ml
Clonazepam	5.612	970977	15501.66	32.5	1092.95	224260	55.9221 ng/ml
Clonazepam	5.549	669827	87183.92	37.9	573754.19	224260	50.1308 ng/ml
Cocaine	4.257	1018701	819653.27	52.3	12296.51	1857627	50.9921 ng/ml
Codeine	2.566	118602	729.14	100.6	1560.80	110216	56.6616 ng/ml
Cyclobenzaprine	5.615	503333	401.65	9.1	833.49	393506	50.4513 ng/ml
Dextromethorphan	5.255	481757	21544.93	78.9	354.39	439176	51.6665 ng/ml
Dextrophan	4.105	377267	634.86	210.6	1386.17	878259	51.2559 ng/ml
Diazepam	5.953	567591	8003.97	88.3	7682.99	496556	52.8280 ng/ml
Dihydrocodeine	2.545	289701	1171.02	67.4	5852.07	342575	54.2057 ng/ml
Diphenhydramine	5.282	2239119	29275.58	33.3	574.92	2623299	50.5052 ng/ml
Doxylamine	4.523	2639288	704.39	97.1	65783.12	2149387	53.7406 ng/ml
EDDP	5.254	721539	562.15	42.1	387.72	745735	50.1987 ng/ml
Etizolam	5.813	512741	3204.43	26.2	243007.81	224260	47.5314 ng/ml
Fentanyl	5.082	63062	2652.37	67.3	166745.57	574729	4.9324 ng/ml
Flualprazolam	5.698	373117	30310.75	103.3	5312.27	544917	54.0908 ng/ml
Fluoxetine	5.700	516909	46137.66	8.8	276.21	403255	53.6097 ng/ml
Hydrocodone	3.012	460142	688.48	40.0	123.84	1057645	55.9289 ng/ml
Hydromorphone	1.595	401243	1266384.02	77.4	3199.92	11424	53.2126 ng/ml
Ketamine	4.037	970768	∞	36.9	684.87	879592	53.1812 ng/ml
Lamotrigine	4.267	84959	1105.20	80.9	962.86	879592	54.3950 ng/ml
Levetiracetam	2.670	380849	2064.67	165.0	7533.39	2192478	49.2659 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	775824	1778.28	57.3	2252.55	224260	52.3327 ng/ml
MDA	3.196	1578585	4857.00	24.1	1466.18	756053	58.2195 ng/ml
MDMA	3.290	976334	115437.31	78.8	3978.20	177314	50.9143 ng/ml
Meprobamate	4.917	449271	2258154.10	27.0	301.17	390151	56.6954 ng/ml
Methadone	5.646	1510861	771.76	48.0	945.13	1326692	50.3032 ng/ml
Methamphetamine	3.224	1752810	1585.49	38.0	1457.67	1288923	56.7214 ng/ml
Metoprolol	4.319	242480	1337.01	90.9	3172.01	2070763	54.2059 ng/ml
Mirtazapine	4.597	1475605	5685.19	50.4	28470.54	1124167	51.0272 ng/ml
Mitragynine	5.210	273055	1231.42	40.7	561.58	1326692	49.7815 ng/ml
Morphine	1.233	56756	645.27	33.9	1324.16	11424	51.7982 ng/ml
Norbuprenorphine	4.986	3411	208.84	97.3	4223.51	28787	5.4301 ng/ml
Nordiazepam	5.893	585405	1724.75	56.7	1496.60	371631	53.9601 ng/ml
Norfentanyl	4.079	219285	54230.54	33.8	334.31	1778037	4.9991 ng/ml
Norhydrocodone	3.059	61396	116.18	43.1	81.64	111487	47.7940 ng/ml
Noroxycodone	2.903	470381	1829.55	43.3	2552.76	308603	51.8195 ng/ml
O-desmethyl-tramadol	3.369	2067779	67027.65	6.8	497.15	2389610	51.1343 ng/ml
Oxazepam	5.749	956883	11691.74	73.8	4656.79	736476	54.5147 ng/ml
Oxycodone	2.821	963024	4667.06	27.5	2134.88	803158	53.4600 ng/ml
Oxymorphone	1.391	435808	∞	42.2	∞	296831	53.4185 ng/ml
Phentermine	3.783	496782	1134.46	4.3	83.37	1095710	55.8758 ng/ml
Promethazine	5.525	1122054	831.45	27.9	1853.29	910219	50.7190 ng/ml
Pseudoephedrine	2.589	2409782	767.83	16.5	258.76	2192478	49.7473 ng/ml
Quetiapine	5.514	948261	2625388.13	58.0	319.65	247401	54.8990 ng/ml
Sertraline	5.762	232826	2785.04	94.5	585.10	210022	51.5092 ng/ml
Temazepam	5.816	1646844	2124.09	28.4	771.66	1513372	49.8223 ng/ml
Tramadol	4.239	2178474	49611.47	3.7	205.35	2070763	52.7880 ng/ml
Trazodone	5.074	908530	564.94	80.0	2141.30	682498	48.7551 ng/ml
Venlafaxine	5.037	1990287	1064.97	37.6	938.14	1924331	51.0133 ng/ml
Zolpidem	4.846	2236085	6128.31	31.0	3099.86	2089845	53.9874 ng/ml

TS

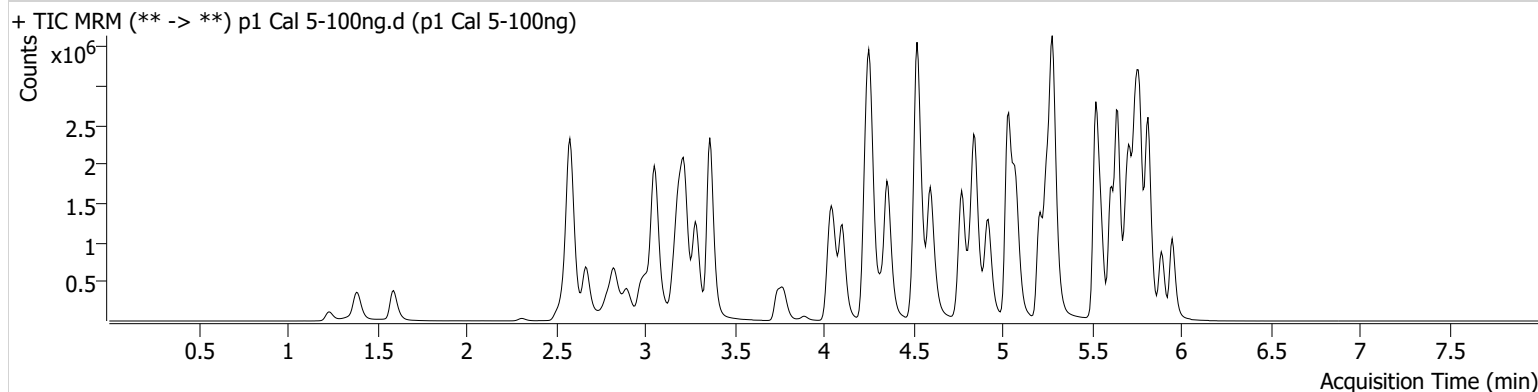


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D12	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 1:03:11 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	45173	314.77	68.8	84077.31	114866	9.6379 ng/ml
7-aminoclonazepam	4.265	854323	3487.64	76.6	312.32	301342	104.2469 ng/ml
a-hydroxyalprazolam	5.692	347479	2661.26	58.0	395.18	493469	100.2443 ng/ml
alpha-PHP	4.923	665481	18869.97	265.9	5902.97	1051943	103.2699 ng/ml
alpha-PVP	4.363	2429713	4670.21	52.2	876.89	1051943	98.5439 ng/ml
Alprazolam	5.775	1438076	5191.52	109.9	1501.17	493469	100.3748 ng/ml
Amphetamine	3.056	4035535	44685.48	49.1	29458.55	444010	99.5276 ng/ml
Benzoylcegonine	3.892	58056	981.66	7.6	1899.87	22496	101.2505 ng/ml
Buprenorphine	5.697	42376	1512.37	15.1	2264.50	165410	10.9043 ng/ml
Bupropion	4.774	2518428	72379.56	61.4	1178.43	862772	100.7551 ng/ml
Carisoprodol	5.724	1235971	25254.28	55.5	∞	597389	99.2425 ng/ml
Citalopram	5.212	1619119	2575.71	40.8	486099.00	720505	99.8193 ng/ml
Clonazepam	5.612	1616450	59982.80	32.1	107882.85	194496	107.9906 ng/ml
Clonazepam	5.548	1165350	77313.64	37.2	318496.97	194496	100.0719 ng/ml
Cocaine	4.257	1802958	122237.01	52.7	838.21	1708962	97.8059 ng/ml
Codeine	2.566	199103	24537.40	98.7	11167.98	101854	103.3912 ng/ml
Cyclobenzaprine	5.608	1090010	17261.05	8.8	232.93	429801	99.5423 ng/ml
Dextromethorphan	5.255	861802	1250.35	81.0	619.33	409786	98.9794 ng/ml
Dextrophan	4.105	677084	1900085.09	207.1	49244.38	821863	98.2463 ng/ml
Diazepam	5.953	1002593	6404.10	87.2	9792.46	461155	100.5836 ng/ml
Dihydrocodeine	2.545	521036	1020.61	68.1	2608.87	324619	103.4513 ng/ml
Diphenhydramine	5.282	4109578	131531.24	32.8	18781.43	2455483	98.6396 ng/ml
Doxylamine	4.522	4929166	95961.56	96.6	8777.93	2071351	104.2023 ng/ml
EDDP	5.254	1490492	697.32	42.2	1844.37	813246	94.7063 ng/ml
Etizolam	5.813	895779	5475.83	25.2	4188.04	194496	94.9553 ng/ml
Fentanyl	5.082	127201	17503.42	68.3	462.33	584254	9.7358 ng/ml
Flualprazolam	5.705	638432	18704.50	100.0	38829.56	493469	102.2489 ng/ml
Fluoxetine	5.700	1124355	8468.77	9.1	295043.24	457742	102.8146 ng/ml
Hydrocodone	3.012	808885	462.09	39.4	141.54	989229	105.6998 ng/ml
Hydromorphone	1.595	712006	13976.05	77.4	701078.85	10568	102.5615 ng/ml
Ketamine	4.037	1748129	26468.85	36.8	785.73	830003	101.6557 ng/ml
Lamotrigine	4.267	145125	1788.62	83.0	8898.72	830003	98.9852 ng/ml
Levetiracetam	2.670	684103	10656.78	165.5	5010.87	2016167	95.7165 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1116286	14742.32	57.9	3018.49	194496	87.7246 ng/ml
MDA	3.196	2606865	4547.83	23.8	891.74	675371	108.5955 ng/ml
MDMA	3.283	1762925	11390.39	78.5	8202.02	165708	98.1570 ng/ml
Meprobamate	4.917	716740	19750.12	27.3	22269.98	367513	96.6362 ng/ml
Methadone	5.646	2870375	1371.14	46.8	10850.47	1268226	99.7003 ng/ml
Methamphetamine	3.224	3151549	10501.28	37.8	2540.79	1242431	106.9491 ng/ml
Metoprolol	4.319	434924	18305.56	93.2	5323.76	1930686	104.8850 ng/ml
Mirtazapine	4.597	2773106	21196.39	50.6	7300.09	1051943	102.8355 ng/ml
Mitragynine	5.210	530164	1076.88	38.3	1739.02	1268226	101.4726 ng/ml
Morphine	1.233	101177	270.67	34.0	1293.36	10568	99.9306 ng/ml
Norbuprenorphine	4.986	5853	2384.56	99.7	5958.65	28295	9.5565 ng/ml
Nordiazepam	5.893	1014356	∞	56.4	2443.65	336242	103.5391 ng/ml
Norfentanyl	4.079	393630	2274.31	34.1	500.97	1653200	9.6047 ng/ml
Norhydrocodone	3.053	101130	169.25	42.5	63.31	93766	93.2300 ng/ml
Noroxycodone	2.903	813629	3515.95	42.5	819.62	272608	101.4900 ng/ml
O-desmethyl-tramadol	3.362	3788087	46942.62	6.7	6752.53	2220950	100.4731 ng/ml
Oxazepam	5.749	1469262	41912.79	75.2	2641.10	586051	105.4804 ng/ml
Oxycodone	2.821	1734918	9941.47	27.6	1210.06	752994	102.8295 ng/ml
Oxymorphone	1.391	749726	1065.48	43.7	∞	274193	99.6200 ng/ml
Phentermine	3.776	872508	585.54	4.3	1015.31	1024517	105.7898 ng/ml
Promethazine	5.525	2384008	104124.07	27.8	1987.61	982980	99.3789 ng/ml
Pseudoephedrine	2.583	4378954	19368.20	16.1	100719.66	2016167	97.7807 ng/ml
Quetiapine	5.514	1749714	28533.73	59.0	543.89	246878	101.8252 ng/ml
Sertraline	5.762	519362	564.14	98.1	852.18	247301	97.4779 ng/ml
Temazepam	5.816	2715604	10630.54	27.8	8981.68	1252571	98.6859 ng/ml
Tramadol	4.239	3950329	1205.61	3.6	912.02	1930686	103.0024 ng/ml
Trazodone	5.074	1746595	1807.25	82.8	2601.76	695388	91.2680 ng/ml
Venlafaxine	5.037	3606076	53470.77	37.4	1465.02	1775039	99.8433 ng/ml
Zolpidem	4.846	4100949	32947.16	30.4	5643.70	1994157	104.0391 ng/ml

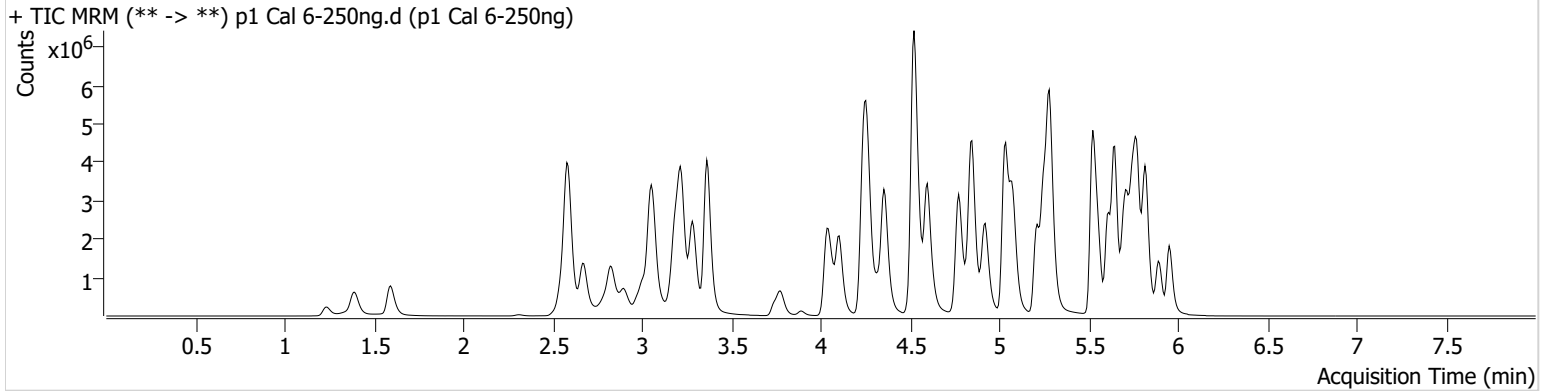
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument Falco (069901) **Data File** p1 Cal 6-250ng.d
Type Cal **Sample** p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-C12 **Comment**
Injection Volume 2
Acq. Date-Time 5/19/2021 1:13:46 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	103179	659.25	70.6	2375.14	102024	24.7035 ng/ml
7-aminoclonazepam	4.265	1497299	17684.21	78.1	∞	221395	248.7334 ng/ml
a-hydroxyalprazolam	5.692	543956	467.32	58.0	837.01	379083	205.6503 ng/ml
alpha-PHP	4.923	1337490	8137.65	269.0	16886.95	884186	247.2553 ng/ml
alpha-PVP	4.356	5137077	48048.93	52.1	1323.32	884186	247.4076 ng/ml
Alprazolam	5.775	2789675	7138.01	111.0	3985.43	379083	252.9198 ng/ml
Amphetamine	3.056	7471312	7445.98	47.7	4314.96	376298	218.3481 ng/ml
Benzoylecgonine	3.892	136781	3698.93	7.7	15837.12	22135	242.3512 ng/ml
Buprenorphine	5.697	76725	985.48	14.5	13210.11	129042	25.5816 ng/ml
Bupropion	4.774	5217630	293916.94	60.7	2550.32	719329	250.1908 ng/ml
Carisoprodol	5.724	2034341	31255.90	56.8	7683.04	401788	242.1266 ng/ml
Citalopram	5.212	3105621	1277.57	40.9	404.06	566842	242.9041 ng/ml
Clonazepam	5.612	2824105	59605.48	32.2	18375.82	146028	252.2245 ng/ml
Clonazepam	5.555	2202468	46913.74	37.7	1113610.64	146028	251.1649 ng/ml
Cocaine	4.257	3710868	894.99	51.5	1041.47	1385939	247.7341 ng/ml
Codeine	2.566	375191	3001.29	97.6	2105.58	86481	230.1535 ng/ml
Cyclobenzaprine	5.608	2020192	27646.64	9.0	4102.44	323221	244.5957 ng/ml
Dextromethorphan	5.255	1573212	558.96	80.5	51833.07	299238	247.3155 ng/ml
Dextrophan	4.105	1427746	34309.79	206.5	67872.74	694207	245.1750 ng/ml
Diazepam	5.953	2027979	751.73	88.4	39520.14	380667	246.6408 ng/ml
Dihydrocodeine	2.545	1093061	1729.06	66.0	9236.08	291798	242.2808 ng/ml
Diphenhydramine	5.282	8145092	140578.62	32.2	31548.01	1892569	253.0115 ng/ml
Doxylamine	4.523	10969256	186389.74	97.3	24635.18	1824676	263.3269 ng/ml
EDDP	5.254	3602138	1604.51	42.2	21642.85	760373	244.1196 ng/ml
Etizolam	5.813	1792036	2049.30	25.2	2410.00	146028	251.7114 ng/ml
Fentanyl	5.082	242697	2897.15	66.9	233298.36	440784	24.5421 ng/ml
Flualprazolam	5.705	1223260	28015.90	97.8	7908.20	379083	255.1058 ng/ml
Fluoxetine	5.700	1772247	32433.61	8.5	82270.36	304628	243.6435 ng/ml
Hydrocodone	3.005	1686173	1092.98	39.7	343.31	879090	248.8349 ng/ml
Hydromorphone	1.595	1479979	167477.62	78.1	822590.11	9071	249.1278 ng/ml
Ketamine	4.037	3694773	76242.66	37.2	664.76	726122	245.8529 ng/ml
Lamotrigine	4.267	268157	847.22	80.8	18599.71	726122	209.7788 ng/ml
Levetiracetam	2.676	1416614	13344.73	166.8	2185.45	1643896	242.2569 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1430865	9941.58	57.2	1503.62	146028	150.7370 ng/ml
MDA	3.189	4584037	6893.45	23.1	3065.36	528175	245.5998 ng/ml
MDMA	3.283	3612192	18649.04	78.5	59533.26	134386	247.6434 ng/ml
Meprobamate	4.917	1242769	336.88	27.8	6424.95	286325	216.1604 ng/ml
Methadone	5.646	5488454	211065.09	48.1	5873.12	967439	249.4920 ng/ml
Methamphetamine	3.224	6546178	64040.38	36.7	1815.70	1081025	257.1561 ng/ml
Metoprolol	4.319	884575	1286011.34	92.4	36005.12	1592121	259.6444 ng/ml
Mirtazapine	4.597	5693918	76013.69	49.2	6678.88	884186	251.7189 ng/ml
Mitragynine	5.210	1019375	4339.10	39.4	64778.67	967439	256.2996 ng/ml
Morphine	1.233	220181	647.77	34.3	464.92	9071	253.5499 ng/ml
Norbuprenorphine	4.986	11999	14311.09	96.4	17627.02	21929	25.4458 ng/ml
Nordiazepam	5.893	1921814	129085.69	56.0	1241.73	262583	251.5055 ng/ml
Norfentanyl	4.079	849627	55697.43	34.5	2522.72	1420640	24.0492 ng/ml
Norhydrocodone	3.053	204265	148.57	43.7	219.22	72017	244.5379 ng/ml
Noroxycodone	2.896	1516710	857.92	44.0	770.24	217350	237.3203 ng/ml
O-desmethyl-tramadol	3.362	8469236	50454.99	6.5	24112.98	1942892	256.2744 ng/ml
Oxazepam	5.749	2162694	9675.69	73.0	16529.66	364949	249.7530 ng/ml
Oxycodone	2.821	3742956	3177.06	27.2	3958.80	673935	248.0300 ng/ml
Oxymorphone	1.391	1559991	∞	41.6	∞	227920	249.6051 ng/ml
Phentermine	3.776	1674741	393.92	4.1	299.67	879207	237.7946 ng/ml
Promethazine	5.525	4415507	7555.99	28.2	740.60	741574	243.3711 ng/ml
Pseudoephedrine	2.589	9199248	53605.79	15.7	62881.23	1643896	251.0895 ng/ml
Quetiapine	5.514	3510799	65336.58	59.1	544994.66	197676	255.7180 ng/ml
Sertraline	5.762	855268	1193.06	96.4	680.92	160529	247.1172 ng/ml
Temazepam	5.823	4755323	46724.21	28.1	13382.07	889021	242.6267 ng/ml
Tramadol	4.239	8288459	∞	3.6	1512.61	1592121	262.6200 ng/ml
Trazodone	5.074	3551120	222111.94	81.3	140852.58	541790	236.8574 ng/ml
Venlafaxine	5.037	7749639	276757.29	36.3	75323.85	1519192	250.1424 ng/ml
Zolpidem	4.846	9054980	14793.63	29.4	9853.25	1757112	261.1616 ng/ml

AM #28 Multi-Drug Quant. Results

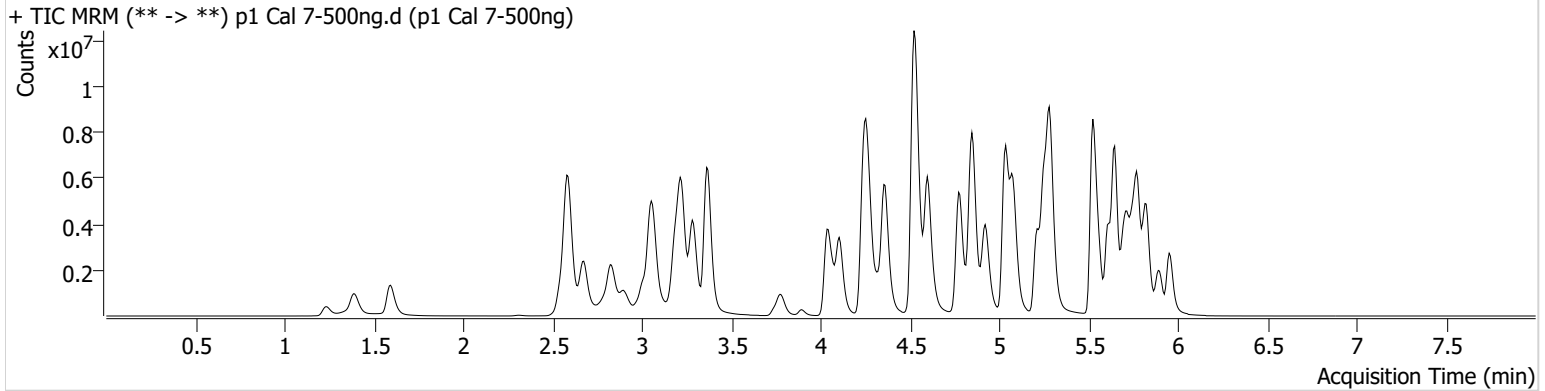
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B12	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 1:24:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	205154	4234.23	70.9	37671.02	101616	49.2649 ng/ml
7-aminoclonazepam	4.271	2022921	16975.67	80.8	10324.41	152347	488.3940 ng/ml
a-hydroxyalprazolam	5.685	665023	1276.91	58.5	1009.13	298842	319.6579 ng/ml
alpha-PHP	4.923	2348109	15438.04	275.7	260159.46	813600	471.9551 ng/ml
alpha-PVP	4.363	9763786	100525.68	51.7	57085.54	813600	510.7006 ng/ml
Alprazolam	5.775	4411200	1091.11	113.7	∞	298842	506.9541 ng/ml
Amphetamine	3.056	11373990	56310.77	48.7	76443.06	332566	376.6801 ng/ml
Benzoylcegonine	3.892	295653	13349.79	8.2	874.79	22797	508.5701 ng/ml
Buprenorphine	5.697	118993	76362.45	14.8	131288.17	109091	47.1037 ng/ml
Bupropion	4.774	9301471	113280.45	60.9	1130.76	641053	500.3561 ng/ml
Carisoprodol	5.724	2817819	74597.76	57.2	10905.03	255473	526.8477 ng/ml
Citalopram	5.212	5168868	∞	40.4	1368.62	455946	502.2650 ng/ml
Clonazepam	5.612	3799050	113775.87	32.2	1655.89	109367	453.5966 ng/ml
Clonazepam	5.555	3303174	404101.07	37.9	9392.09	109367	502.4695 ng/ml
Cocaine	4.257	6636961	41956.70	50.8	1545.97	1191959	514.8406 ng/ml
Codeine	2.560	598615	791.61	96.9	7788.09	72960	435.7667 ng/ml
Cyclobenzaprine	5.608	4005009	6254.71	8.9	6916.27	306988	510.0078 ng/ml
Dextromethorphan	5.255	2478261	43028.45	81.3	548.79	233749	498.6629 ng/ml
Dextrophan	4.105	2541301	1538.97	210.4	2027.70	594074	509.8871 ng/ml
Diazepam	5.953	3491918	22255.69	86.3	7117.39	324985	497.5658 ng/ml
Dihydrocodeine	2.538	1970346	∞	67.0	3753.84	300239	424.9313 ng/ml
Diphenhydramine	5.289	13316582	2005.78	32.9	2310.35	1527803	511.9981 ng/ml
Doxylamine	4.522	20243236	12653.47	96.9	74507.26	1741647	509.1783 ng/ml
EDDP	5.254	7619367	60793.30	41.1	1645.43	758579	517.1134 ng/ml
Etizolam	5.813	3135079	7112.31	24.9	17361.44	109367	586.9295 ng/ml
Fentanyl	5.089	455045	23133.01	68.3	1938243.31	397441	50.9772 ng/ml
Flualprazolam	5.705	1925697	1061945.33	95.8	2727.29	298842	509.4779 ng/ml
Fluoxetine	5.700	3060542	125290.16	8.4	148844.76	264138	485.3453 ng/ml
Hydrocodone	3.005	3050530	743.94	39.7	∞	848239	467.1310 ng/ml
Hydromorphone	1.595	2661542	1079.06	79.0	1012093.25	8718	466.5954 ng/ml
Ketamine	4.037	7124997	321319.44	35.9	21681.85	701187	491.1455 ng/ml
Lamotrigine	4.273	394805	3081.72	83.0	2704.71	701187	320.1730 ng/ml
Levetiracetam	2.676	2555487	7901.00	166.6	4904.58	1403280	511.3475 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1445305	20185.64	56.9	9693.17	109367	203.7757 ng/ml
MDA	3.189	6497015	1758.42	22.9	5000.00	421249	437.3328 ng/ml
MDMA	3.283	6486059	141998.18	77.9	8551.80	119860	498.3235 ng/ml
Meprobamate	4.924	1794390	57982.16	26.8	31652.46	249275	359.0800 ng/ml
Methadone	5.646	9907137	114788.52	48.5	29255.22	844372	515.6990 ng/ml
Methamphetamine	3.224	11203314	83467.70	36.4	89745.86	1038551	459.1397 ng/ml
Metoprolol	4.319	1522939	218817.60	91.6	1282.57	1462724	487.1373 ng/ml
Mirtazapine	4.597	10085552	96897.79	49.2	4594.04	813600	484.8750 ng/ml
Mitragynine	5.210	1748114	14655.24	39.5	60425.20	844372	503.9237 ng/ml
Morphine	1.233	403621	236.46	36.3	4861.58	8718	483.6896 ng/ml
Norbuprenorphine	4.986	20578	1129.00	97.1	123.55	19401	49.4209 ng/ml
Nordiazepam	5.900	2975256	501.10	55.5	855.06	207077	493.9452 ng/ml
Norfentanyl	4.079	1572371	33604.67	34.6	11236.16	1246873	50.6539 ng/ml
Norhydrocodone	3.053	394923	208.47	42.1	218.56	62056	548.1909 ng/ml
Noroxycodone	2.896	2449236	2663.41	42.2	817.04	169613	491.1155 ng/ml
O-desmethyl-tramadol	3.362	15918818	177871.24	6.6	19499.09	1806178	517.8219 ng/ml
Oxazepam	5.749	2140289	30831.10	75.0	8046.14	191306	471.7863 ng/ml
Oxycodone	2.821	7122879	2368.16	26.8	1328.57	652559	487.5733 ng/ml
Oxymorphone	1.385	2677182	∞	42.9	∞	196125	497.9607 ng/ml
Phentermine	3.776	2754708	4260.22	4.1	648.09	816816	421.7466 ng/ml
Promethazine	5.525	8930286	7996.08	27.5	1509.62	702342	519.2317 ng/ml
Pseudoephedrine	2.589	16193120	181012.65	15.5	144724.88	1403280	517.2005 ng/ml
Quetiapine	5.514	6170728	300264.00	57.8	∞	184882	480.8885 ng/ml
Sertraline	5.762	1507085	1262.71	98.4	15412.07	141100	495.2941 ng/ml
Temazepam	5.823	6417034	44212.37	28.2	17378.41	569286	510.6560 ng/ml
Tramadol	4.239	14691151	2214.95	3.5	822.68	1462724	506.9972 ng/ml
Trazodone	5.074	6817302	∞	80.4	8572.64	458504	536.2713 ng/ml
Venlafaxine	5.037	14346904	301746.50	35.6	1878.03	1343751	523.1438 ng/ml
Zolpidem	4.846	17095370	4357.82	30.2	222103.42	1708226	507.4532 ng/ml

AM #28 Multi-Drug Quant. Results

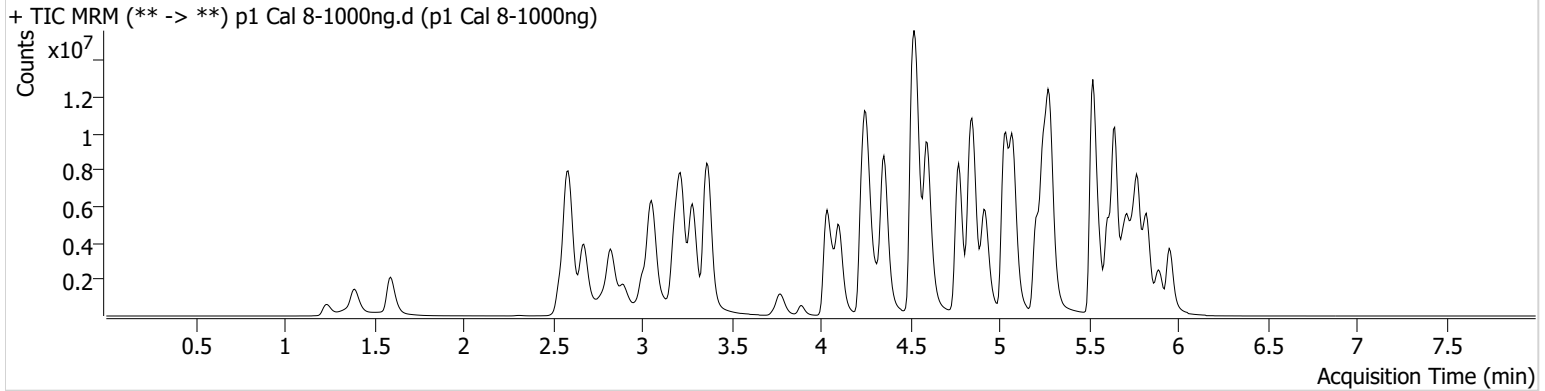


TS

Batch results D:\MassHunter\Data\2021\AM 27-28\051921 AM 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/20/2021 8:36:55 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-A12	Comment	
Injection Volume	2		
Acq. Date-Time	5/19/2021 1:34:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	383091	2238.19	69.7	1807.07	89932	103.8881 ng/ml
7-aminoclonazepam	4.278	2216598	9248.31	82.7	11207.96	85613	952.3303 ng/ml
a-hydroxyalprazolam	5.685	792520	134.57	58.0	1189.38	221286	515.2604 ng/ml
alpha-PHP	4.923	3721541	50062.92	279.4	2464.28	651487	934.3644 ng/ml
alpha-PVP	4.356	15738613	404871.80	53.0	126711.57	651487	1027.7481 ng/ml
Alprazolam	5.775	6281863	2213.91	111.3	∞	221286	974.6326 ng/ml
Amphetamine	3.056	14805377	84140.54	48.5	14144.50	237013	688.6421 ng/ml
Benzoylcegonine	3.892	636487	12000.35	8.1	2504.05	24580	1015.3964 ng/ml
Buprenorphine	5.697	150935	44240.82	15.0	32062.44	78220	83.4875 ng/ml
Bupropion	4.774	14878290	133143.00	61.7	43187.65	523360	980.2200 ng/ml
Carisoprodol	5.724	3463317	55725.80	57.7	39018.87	154509	1070.1422 ng/ml
Citalopram	5.205	7788403	1705.23	38.9	∞	323840	1065.1776 ng/ml
Clonazepam	5.612	4439865	149515.77	31.9	20652.57	66881	867.5016 ng/ml
Clonazepam	5.555	4229874	26183.58	38.6	59315.30	66881	1051.6468 ng/ml
Cocaine	4.257	10557970	1679.59	51.0	1608.68	938444	1039.9235 ng/ml
Codeine	2.560	853717	797.04	98.3	11122.91	63563	713.7028 ng/ml
Cyclobenzaprine	5.608	6545708	60510.08	8.6	2033.90	243274	1051.3304 ng/ml
Dextromethorphan	5.255	3508566	70146.43	78.3	3140.51	160372	1028.9008 ng/ml
Dextrophan	4.105	4011117	91210.37	211.4	90970.27	453620	1053.9137 ng/ml
Diazepam	5.953	5194217	1568.98	87.9	∞	245542	979.7025 ng/ml
Dihydrocodeine	2.538	3174552	3011.03	67.6	21698.25	283798	724.7440 ng/ml
Diphenhydramine	5.282	19139138	2337.88	34.3	3092.77	1098693	1022.8612 ng/ml
Doxylamine	4.523	30200130	12223.63	97.7	15700.35	1589090	832.5871 ng/ml
EDDP	5.248	13393897	929.50	41.6	1978.75	638066	1080.2446 ng/ml
Etizolam	5.813	4882396	10728.11	24.7	3862.56	66881	1493.4975 ng/ml
Fentanyl	5.082	733278	98271.05	71.7	462.92	299434	108.9747 ng/ml
Flualprazolam	5.705	2543179	36501.75	95.4	11642.50	221286	908.7033 ng/ml
Fluoxetine	5.700	3834967	34024.30	8.7	1072462.73	165860	968.6017 ng/ml
Hydrocodone	3.005	5216667	653.11	39.9	845.88	768872	881.8813 ng/ml
Hydromorphone	1.595	4612356	2408474.28	77.7	2735330.46	7268	970.5221 ng/ml
Ketamine	4.037	12176974	349139.28	35.3	26188.87	616300	955.1805 ng/ml
Lamotrigine	4.273	489495	3257.79	81.9	25419.88	616300	451.9021 ng/ml
Levetiracetam	2.676	4213854	8456.42	168.7	53882.26	1027453	1150.9295 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1496777	51772.46	54.4	17483.49	66881	346.0426 ng/ml
MDA	3.182	8846591	2278.29	22.3	3299.75	308919	812.9982 ng/ml
MDMA	3.283	10409150	119495.26	74.3	2630.72	89953	1065.3664 ng/ml
Meprobamate	4.917	2184670	56957.87	28.8	9339.50	195776	557.1357 ng/ml
Methadone	5.646	15120347	98474.80	50.0	56205.94	649262	1023.3117 ng/ml
Methamphetamine	3.224	15685295	81083.58	36.1	3414.25	826476	808.7790 ng/ml
Metoprolol	4.319	2208476	76128.81	91.5	100981.37	1226293	843.0932 ng/ml
Mirtazapine	4.597	16474222	1099472.66	50.4	36387.43	651487	989.4671 ng/ml
Mitragynine	5.210	2640133	105510.27	39.6	50784.38	649262	990.1071 ng/ml
Morphine	1.240	693410	∞	35.2	∞	7268	996.9157 ng/ml
Norbuprenorphine	4.979	32764	356.88	98.6	11596.37	15094	101.2448 ng/ml
Nordiazepam	5.900	3840966	207610.32	57.9	432.53	145372	908.5191 ng/ml
Norfentanyl	4.072	2662446	57973.13	33.9	10087.47	938378	113.9055 ng/ml
Norhydrocodone	3.053	665624	176.81	44.0	∞	53994	1061.5394 ng/ml
Noroxycodone	2.896	3636955	360.43	42.3	5115.55	119327	1036.6304 ng/ml
O-desmethyl-tramadol	3.362	24472980	335642.75	7.2	682.83	1502688	956.5833 ng/ml
Oxazepam	5.749	1938567	12277.28	72.7	9251.46	90860	900.0136 ng/ml
Oxycodone	2.821	12635677	40827.23	26.8	899.31	588251	959.5978 ng/ml
Oxymorphone	1.391	4589085	238.78	42.6	∞	171103	978.5593 ng/ml
Phentermine	3.776	3920675	873.56	4.1	376.99	679355	722.3893 ng/ml
Promethazine	5.525	14423943	3925.18	28.5	70325.44	571074	1031.0074 ng/ml
Pseudoephedrine	2.592	24346117	111716.93	16.0	97238.07	1027453	1061.4748 ng/ml
Quetiapine	5.514	10021768	215025.38	58.8	1269.70	161453	894.6481 ng/ml
Sertraline	5.762	2047065	46058.77	97.8	586.02	90405	1049.8790 ng/ml
Temazepam	5.830	7433607	54302.22	27.5	5976.67	310848	1082.7168 ng/ml
Tramadol	4.232	21030462	4901.78	3.7	3460.45	1226293	865.9487 ng/ml
Trazodone	5.074	11962764	403884.81	82.0	1460.18	362048	1190.7406 ng/ml
Venlafaxine	5.036	21423747	107901.23	39.3	1386.64	1049660	999.7270 ng/ml
Zolpidem	4.846	26051598	300087.12	34.6	14429.83	1583937	834.1795 ng/ml