



Worklist: 5422

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-4752	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4805	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4866	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4891	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4910	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3607	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3675	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3742	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3800	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3803	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3809	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3811	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3826	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3848	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3855	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3856	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3859	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

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Extraction Date: 12/02/2021

Analyst: Tamara Salazar

Plate lot#: IDP-121 Lot #:210610

Plate Re-test Date: 12/10/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

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.

COMMENTS:

Alprazolam used as a surrogate internal standard for alpha-hydroxyalprazolam. Alpha-hydroxyalprazolam reported qualitatively only.

Hydrocodone: QC 100 accuracy outside of acceptable parameters. Compound reported qualitatively.

Noroxycodone: QC 1000 accuracy outside acceptable parameters. Compound reported qualitatively.

Curves limited:

7-aminoclonazepam: 5-500 (cal 8 dropped due to accuracy)
alpha-hydroxyalprazolam: 5-250 (cal 7 and 8 dropped due to accuracy)
Amphetamine: 5-250 (cal 7 and 8 dropped due to accuracy)
Buprenorphine: 2.5-100 (cal 1 and 2 dropped due to accuracy)
Clonazepam: 5-500 (cal 8 dropped due to QC accuracy)
Clonazolam: 5-500 (cal 8 dropped due to accuracy)
Codeine: 5-500 (cal 8 dropped due to accuracy)
Dihydrocodeine: 5-500 (cal 8 dropped due to accuracy)
Lamotrigine: 5-500 (cal 8 dropped due to accuracy)
Lorazepam: 5-100 (cal 6, 7, and 8 dropped due to accuracy)
MDA: 5-500 (cal 8 dropped due to accuracy)
Meprobamate: 5-250 (cal 7 and 8 dropped due to accuracy)
Norbuprenorphine: 1-100 (cal 1 dropped due to ratio being outside parameters)
Norfentanyl: 5-500 (cal 8 dropped due to accuracy)
Norhydrocodone: 5-500 (cal 8 dropped due to accuracy)
Oxazepam: 5-500 (cal 8 dropped due to QC accuracy)
Phentermine: 5-500 (cal 8 dropped due to accuracy)
Zolpidem: 5-500 (cal 8 dropped due to QC accuracy)

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2021-4866-1	P2021-3809-1	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2021-4891-2	P2021-3811-1	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2021-4910-1	P2021-3826-1	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2021-3607-2	P2021-3848-1	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2021-3675-1	P2021-3855-2	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2021-3742-1	P2021-3856-1	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2021-4752-2	P2021-3800-1	P2021-3859-1	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2021-4805-1	P2021-3803-1	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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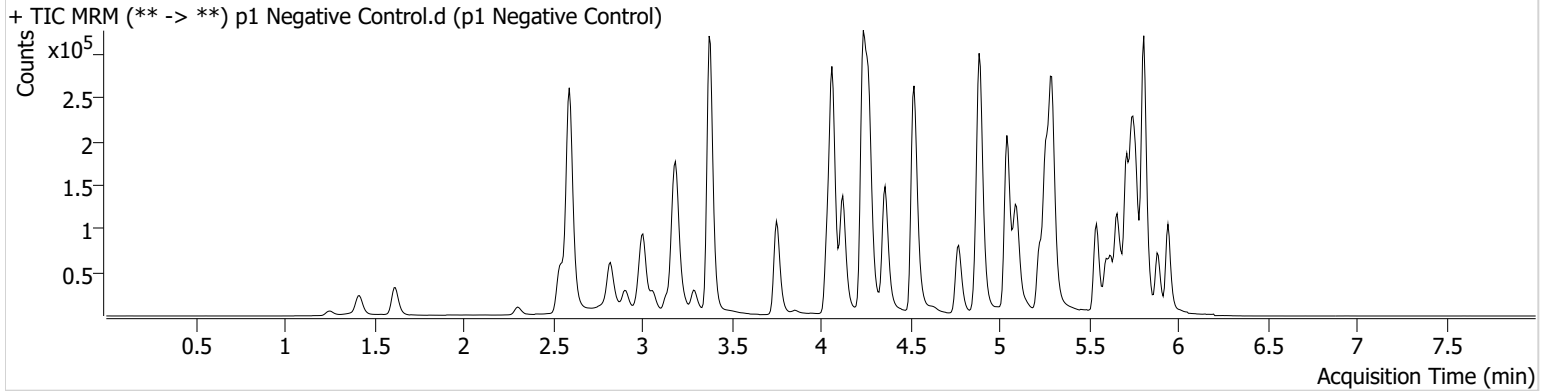


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 AM

Instrument Type	Falco (069901) Sample	Data File	p1 Negative Control.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Control
Sample Position	P2-F2	Operator	Tamara Salazar
Injection Volume	2	Comment	
Acq. Date-Time	12/2/2021 4:35:28 PM		
Sample Info.			

Sample Chromatogram



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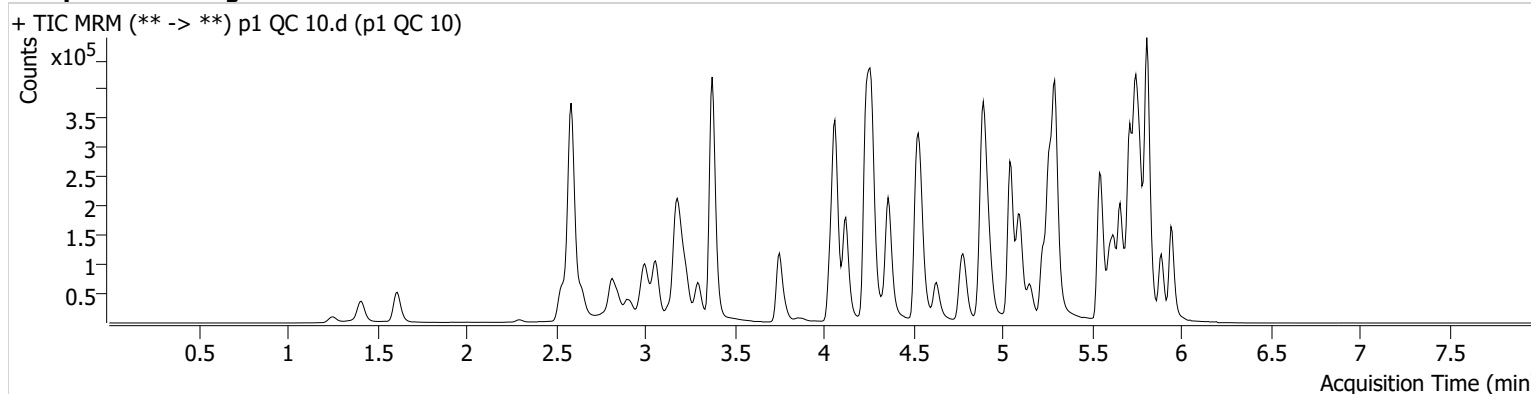


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 3:21:10 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1864	1133.80	60.6	732.16	42334	1.1117 ng/ml
7-aminoclonazepam	4.258	28717	114.55	80.1	247.11	161739	10.7764 ng/ml
a-hydroxyalprazolam	5.692	19421	547.47	71.5	1087.15	240077	10.1596 ng/ml
alpha-PPH	4.937	23713	130.23	277.5	35719.92	379696	10.6298 ng/ml
alpha-PVP	4.370	97653	2236.55	49.6	212.54	379696	10.5058 ng/ml
Alprazolam	5.768	67940	1217.50	120.4	4227.81	240077	10.3143 ng/ml
Amphetamine	3.063	144033	516.73	44.5	884.20	129879	10.9339 ng/ml
Benzoylcegonine	3.879	3361	85.40	8.2	220.64	9190	11.5371 ng/ml
* Buprenorphine	5.840	1707	671.62	13.2 Low	133.24	45898	1.7772 ng/ml
Bupropion	4.795	80074	208.77	66.3	933.18	227586	10.8751 ng/ml
Carisoprodol	5.724	73585	146494.80	52.4	259.40	273141	11.1789 ng/ml
Citalopram	5.226	55356	378.36	35.8	312.88	210759	11.0564 ng/ml
Clonazepam	5.605	86698	204.64	33.0	7752.23	100266	10.9642 ng/ml
Clonazepam	5.548	52762	800.25	32.5	46965.96	100266	11.2360 ng/ml
Cocaine	4.264	77234	1757.65	53.1	1836.04	531709	10.9032 ng/ml
Codeine	2.587	9645	1045.29	110.6	566.21	46076	10.3456 ng/ml
Cyclobenzaprine	5.628	38145	339.84	9.1	208.56	172348	11.6457 ng/ml
Dextromethorphan	5.275	30318	2444.03	82.6	1458.86	126413	11.4510 ng/ml
Dextrophan	4.125	26255	505.92	219.6	917.34	306515	11.0594 ng/ml
Diazepam	5.953	54430	318.84	86.2	1682.11	222013	11.5345 ng/ml
Dihydrocodeine	2.565	26569	70.64	58.8	2419.23	141962	11.0430 ng/ml
Diphenhydramine	5.296	139379	4570.16	29.6	409.16	629685	10.7212 ng/ml
Doxylamine	4.543	182826	3567.15	100.6	565.36	696270	10.7292 ng/ml
EDDP	5.268	78882	5022.41	41.4	1059.79	387152	10.8160 ng/ml
Etizolam	5.813	36932	17441.24	27.8	20485.83	100266	10.8600 ng/ml
Fentanyl	5.109	3759	124.39	78.3	1444.74	213234	1.1015 ng/ml
Flualprazolam	5.698	25593	671.28	94.6	1641.33	240077	11.0197 ng/ml
Fluoxetine	5.714	59143	404.06	7.9	71.11	175296	11.2226 ng/ml
Hydrocodone	3.032	39617	215.21	29.5	19.74	191592	11.9085 ng/ml
Hydromorphone	1.621	32636	1010.21	80.3	1007.00	103304	10.2591 ng/ml
Ketamine	4.059	78693	994.23	38.1	345.35	283772	10.9734 ng/ml
Lamotrigine	4.287	7136	249.52	84.1	3730.65	283772	11.6849 ng/ml
Levetiracetam	2.649	38321	1213.11	144.2	235.45	800956	11.2197 ng/ml

*Outside curve range

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	83573	763.08	51.6	443.91	100266	11.4642 ng/ml
MDA	3.209	91875	898.57	30.3	367.56	230968	11.2171 ng/ml
MDMA	3.303	55592	982.21	94.1	464.91	60104	10.7807 ng/ml
Meprobamate	4.904	37446	170.76	26.4	372.82	182220	11.6025 ng/ml
Methadone	5.659	67664	2082.13	58.7	1969.51	263834	11.3302 ng/ml
Methamphetamine	3.238	96464	673.99	40.3	414.64	385355	11.0069 ng/ml
Metoprolol	4.333	18989	1633.61	83.2	966.54	674821	10.9434 ng/ml
Mirtazapine	4.631	103875	1078.44	47.6	1116.10	379696	11.3310 ng/ml
Mitragynine	5.237	17329	25548.36	34.7	17826.17	263834	12.0384 ng/ml
Morphine	1.261	5170	2037.71	22.4	277.60	5832	11.1752 ng/ml
Norbuprenorphine	5.006	141	132.66	100.2	324.74	5255	0.9202 ng/ml
Nordiazepam	5.893	49513	386.18	60.5	914.19	145013	10.7628 ng/ml
Norfentanyl	4.086	15840	173.18	32.8	33.92	652764	1.0396 ng/ml
Norhydrocodone	3.080	4586	39.25	36.8	41.55	45134	10.8817 ng/ml
Noroxycodone	2.923	31879	14.37	48.9	157.15	83674	10.7365 ng/ml
O-desmethyl-tramadol	3.383	169201	3817.53	6.7	1227.01	846370	10.5621 ng/ml
Oxazepam	5.749	95375	178.30	69.6	90.87	398719	11.0413 ng/ml
Oxycodone	2.848	67214	711.89	30.1	546.73	217308	10.2588 ng/ml
Oxymorphone	1.411	29300	262.89	48.0	244.22	80599	11.1047 ng/ml
Phentermine	3.790	26026	517.11	6.8	∞	305511	11.3638 ng/ml
Promethazine	5.545	77833	397.42	30.3	231.71	290028	11.5323 ng/ml
Pseudoephedrine	2.596	178600	2532.07	16.6	373.90	800956	10.4471 ng/ml
Quetiapine	5.562	75926	4362.56	55.6	17269.93	86954	11.0663 ng/ml
Sertraline	5.789	23262	174.47	100.3	222.68	78905	11.7024 ng/ml
Temazepam	5.816	145023	2097.35	28.5	57.58	687540	10.5616 ng/ml
Tramadol	4.252	157225	521.72	3.9	24.30	674821	11.0045 ng/ml
Trazodone	5.156	74007	3486.86	75.3	3727.68	233340	11.3434 ng/ml
Venlafaxine	5.043	117088	4258.03	38.1	266.60	514133	10.6793 ng/ml
Zolpidem	4.914	181043	6944.84	31.2	1576.10	740581	11.0251 ng/ml

TS



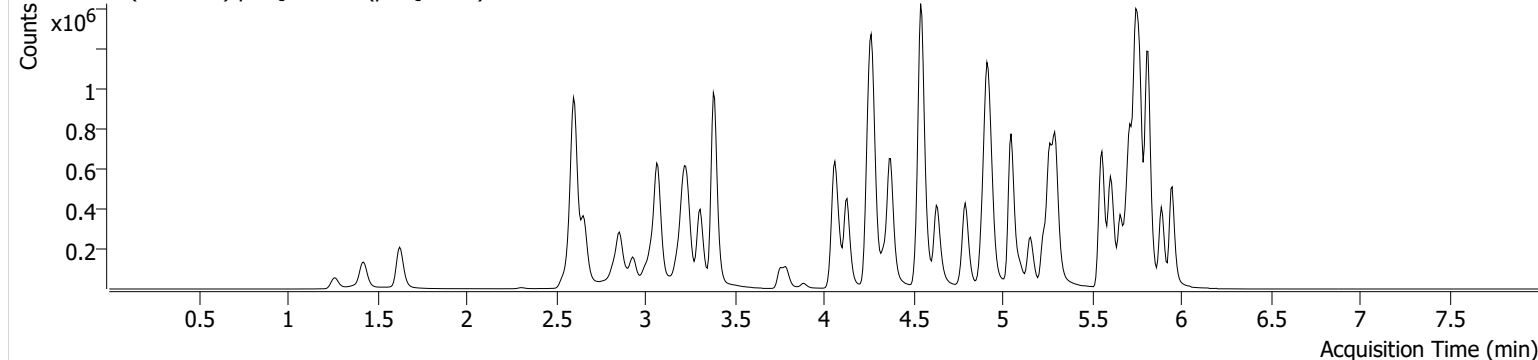
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 10:57:43 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 QC 100.d (p1 QC 100)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17128	1082.90	70.5	334.57	41900	10.9485 ng/ml
7-aminoclonazepam	4.265	243061	9745.61	79.3	4671.39	138797	118.0183 ng/ml
a-hydroxyalprazolam	5.692	152629	1514.20	71.4	363.18	210283	105.7932 ng/ml
alpha-PHP	4.944	195921	1343.35	264.0	41487.74	338004	108.7472 ng/ml
alpha-PVP	4.376	851010	84080.49	49.8	249.77	338004	108.7530 ng/ml
Alprazolam	5.768	609525	5224.83	117.2	1122.02	210283	105.4637 ng/ml
Amphetamine	3.069	1104903	650.56	45.1	7476.20	115248	108.6566 ng/ml
Benzoylecgonine	3.886	26715	267.36	7.4	718.53	6870	122.2611 ng/ml
Buprenorphine	5.840	6397	12805.22	17.7	1043.09	21424	9.3310 ng/ml
Bupropion	4.795	603982	45855.22	65.5	518.31	180904	112.4558 ng/ml
Carisoprodol	5.724	604983	1390195.84	51.4	∞	227560	109.9883 ng/ml
Citalopram	5.232	318231	4213.31	37.0	229220.58	129614	106.6075 ng/ml
Clonazepam	5.605	757933	1462.26	34.3	28399.80	90584	117.4828 ng/ml
Clonazepam	5.548	448367	7258.84	34.7	392699.59	90584	119.9727 ng/ml
Cocaine	4.271	676937	24572.64	52.5	10892.81	504699	108.8039 ng/ml
Codeine	2.600	86609	102.66	107.6	289564.56	42082	116.3511 ng/ml
Cyclobenzaprine	5.628	100850	372.92	8.7	4999.31	47134	100.3804 ng/ml
Dextromethorphan	5.275	136827	9743.69	81.2	416.10	60134	117.1668 ng/ml
Dextrophan	4.132	236100	2558.97	215.6	1120.32	278055	113.8623 ng/ml
Diazepam	5.953	452076	807.34	87.8	837.70	195719	115.9736 ng/ml
Dihydrocodeine	2.572	246182	384.38	59.3	1212.34	138248	116.7012 ng/ml
Diphenhydramine	5.303	801368	7250.90	30.3	833.50	379813	108.3463 ng/ml
Doxylamine	4.543	1728828	140575.37	100.5	1769.75	669315	111.4998 ng/ml
EDDP	5.268	699253	866.57	42.2	44752.32	358233	110.9363 ng/ml
Etizolam	5.813	287260	55346.07	28.1	321648.64	90584	96.9994 ng/ml
Fentanyl	5.109	10658	702.01	78.5	19318.84	65890	10.2104 ng/ml
Flualprazolam	5.698	214849	2916.37	99.5	3072.80	210283	113.3584 ng/ml
Fluoxetine	5.714	89959	13257.48	8.0	18158.35	29205	107.5718 ng/ml
Hydrocodone	3.039	350545	∞	31.3	234.13	183014	124.4183 ng/ml
Hydromorphone	1.628	315335	705.16	74.1	969177.91	95791	115.0620 ng/ml
Ketamine	4.059	696794	18570.27	39.3	501.00	269585	114.4434 ng/ml
Lamotrigine	4.294	61898	2055.60	85.0	4591.62	269585	121.6012 ng/ml
Levetiracetam	2.663	319049	1311.38	143.8	1994.16	686663	113.4583 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	565187	4718.71	48.5	692.92	90584	100.9341 ng/ml
MDA	3.216	730076	1636.46	30.4	1712.24	210131	111.0507 ng/ml
MDMA	3.310	472741	1592.68	97.2	2240.75	54281	108.3518 ng/ml
Meprobamate	4.904	312890	325.67	25.4	537.08	166065	119.7165 ng/ml
Methadone	5.659	346304	927.30	56.6	478.67	138822	105.3549 ng/ml
Methamphetamine	3.244	650273	3912.15	41.4	8550.06	284277	118.6528 ng/ml
Metoprolol	4.340	167301	116261.61	84.8	2485.84	599300	121.7123 ng/ml
Mirtazapine	4.631	686835	97379.34	45.3	2057.27	338004	86.5535 ng/ml
Mitragynine	5.237	73037	1688.89	34.6	691.59	138822	102.0087 ng/ml
Morphine	1.267	51614	541.70	20.1	3032.36	7286	97.1627 ng/ml
Norbuprenorphine	5.006	774	472.50	100.6	581.05	3317	11.8109 ng/ml
Nordiazepam	5.893	423343	9327.70	59.3	2207.72	126830	115.1938 ng/ml
Norfentanyl	4.093	136947	348.82	32.7	798.90	568390	10.5121 ng/ml
Norhydrocodone	3.086	36074	∞	37.0	105.26	35516	104.1642 ng/ml
Noroxycodone	2.930	283766	735.83	48.9	773.81	78121	112.0707 ng/ml
O-desmethyl-tramadol	3.389	1535431	20426.35	6.9	26603.57	785163	108.8499 ng/ml
Oxazepam	5.749	724752	11537.15	76.1	1731.39	308528	118.1601 ng/ml
Oxycodone	2.854	656276	1246.11	29.8	2211.92	209700	115.9485 ng/ml
Oxymorphone	1.425	267530	∞	47.5	∞	76391	115.8927 ng/ml
Phentermine	3.797	205474	1931.49	7.1	206.82	254716	117.9899 ng/ml
Promethazine	5.552	170637	348.15	32.1	∞	69769	109.4848 ng/ml
Pseudoephedrine	2.610	1526208	1972.03	16.6	26681.20	686663	107.0161 ng/ml
Quetiapine	5.562	520532	23745.87	57.6	760971.12	63871	116.3922 ng/ml
Sertraline	5.789	34449	303.75	102.1	502.07	13514	103.2063 ng/ml
Temazepam	5.816	1199344	15077.84	28.6	467.26	569339	115.3499 ng/ml
Tramadol	4.252	1372547	27223.20	4.0	1043.01	599300	118.2887 ng/ml
Trazodone	5.156	356441	1492319.37	78.8	663.67	119797	113.5682 ng/ml
Venlafaxine	5.050	1026144	1389.19	38.1	3450.98	457484	109.9069 ng/ml
Zolpidem	4.914	1627991	343432.41	30.6	79752.63	667788	118.5012 ng/ml

TS

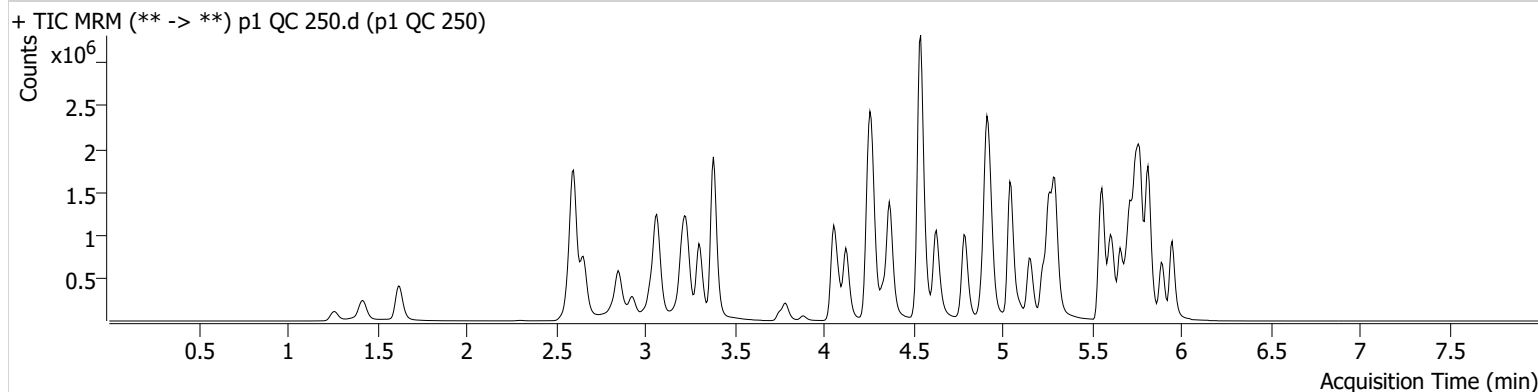


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 3:42:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	41462	2629.31	68.9	65364.28	40885	27.2722 ng/ml
7-aminoclonazepam	4.258	472196	19473.48	77.9	21646.26	118107	271.1372 ng/ml
a-hydroxyalprazolam	5.692	248706	3160.33	75.5	1846.90	169659	215.5375 ng/ml
alpha-PHP	4.937	462220	4840.16	266.4	85432.89	323271	270.0376 ng/ml
alpha-PVP	4.370	2007999	4472.21	50.6	40156.22	323271	269.2882 ng/ml
Alprazolam	5.768	1284963	1049.70	113.4	∞	169659	275.5374 ng/ml
Amphetamine	3.069	2373418	795.14	43.6	13675.56	107819	251.8807 ng/ml
Benzoylecgonine	3.886	60265	4345.89	8.0	104.80	6733	281.3671 ng/ml
Buprenorphine	5.840	17619	26158.27	15.7	6734.61	22373	23.4611 ng/ml
Bupropion	4.788	1507526	123598.39	66.6	12198.18	183136	278.8661 ng/ml
Carisoprodol	5.724	1069247	5289205.05	50.8	6782.42	165612	267.0538 ng/ml
Citalopram	5.226	839928	725.71	35.2	805528.42	136923	266.9406 ng/ml
Clonazepam	5.605	1424992	21335.93	34.7	1350637.64	71792	280.4968 ng/ml
Clonazepam	5.548	826744	50005.56	35.4	627633.31	71792	281.3763 ng/ml
Cocaine	4.271	1535865	92869.71	52.2	69441.77	458392	273.2753 ng/ml
Codeine	2.593	173026	442.38	100.3	2261.11	37833	260.5757 ng/ml
Cyclobenzaprine	5.628	331182	337.93	8.8	101.24	62889	245.0001 ng/ml
Dextromethorphan	5.275	348269	∞	81.5	1382.99	65924	273.3627 ng/ml
Dextrophan	4.125	531715	46485.88	217.4	15989.85	259213	275.7379 ng/ml
Diazepam	5.953	939889	836.25	86.6	9889.62	171020	277.1339 ng/ml
Dihydrocodeine	2.572	528891	538.45	62.9	17184.46	133893	260.5359 ng/ml
Diphenhydramine	5.296	2120814	36033.86	29.6	11418.15	403108	271.2445 ng/ml
Doxylamine	4.543	4233283	301218.93	99.3	2094.40	666326	275.2323 ng/ml
EDDP	5.261	1659952	4188.06	42.2	34225.85	343667	275.7707 ng/ml
Etizolam	5.813	636801	26665.33	27.9	261373.29	71792	272.1410 ng/ml
Fentanyl	5.103	36498	336.88	71.6	18344.59	85035	27.1127 ng/ml
Flualprazolam	5.698	413720	17365.35	105.2	60039.58	169659	271.8066 ng/ml
Fluoxetine	5.714	309526	40798.41	7.8	1168.02	40149	270.1848 ng/ml
Hydrocodone	3.032	730865	845.41	33.8	176.36	179502	266.4025 ng/ml
Hydromorphone	1.628	699211	10465.59	76.2	2877642.76	87634	280.1177 ng/ml
Ketamine	4.059	1612525	1519.84	38.5	397.87	257851	278.9729 ng/ml
Lamotrigine	4.287	133819	657.91	86.5	4696.64	257851	277.1651 ng/ml
Levetiracetam	2.656	708114	11348.89	144.6	555.04	622146	278.6774 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.740	747823	26077.91	51.1	800.81	71792	170.0682 ng/ml
MDA	3.209	1500175	5757.51	29.3	1053.07	178450	271.1008 ng/ml
MDMA	3.303	1134877	7350.56	96.0	10463.78	51791	273.8491 ng/ml
Meprobamate	4.897	537305	14829.58	26.2	6486.47	142491	241.2295 ng/ml
Methadone	5.659	914546	1047.58	58.7	8314.62	150158	256.4230 ng/ml
Methamphetamine	3.238	1473396	1682.93	40.5	27187.01	276160	279.7058 ng/ml
Metoprolol	4.333	385029	1050480.99	86.3	23275.80	585417	288.7519 ng/ml
Mirtazapine	4.631	1721898	3449.24	47.3	5288.25	323271	227.4816 ng/ml
Mitragynine	5.237	204339	1306332.62	34.7	145990.45	150158	265.1128 ng/ml
Morphine	1.261	112950	289.51	20.8	591.43	5627	277.3654 ng/ml
Norbuprenorphine	4.999	1924	41.50	91.2	7980.36	3494	28.5203 ng/ml
Nordiazepam	5.893	833675	831.48	57.7	762.86	103118	280.6285 ng/ml
Norfentanyl	4.093	336027	404.79	33.2	437.22	532853	27.5482 ng/ml
Norhydrocodone	3.080	78564	160.25	37.8	89.82	28392	282.8928 ng/ml
Noroxycodone	2.930	557377	1041.01	50.0	1669.04	63553	272.1995 ng/ml
O-desmethyl-tramadol	3.383	3720611	74753.01	6.9	32246.81	761172	273.0194 ng/ml
Oxazepam	5.749	1079212	25284.74	76.3	4785.40	200051	272.7876 ng/ml
Oxycodone	2.848	1456523	∞	31.4	1242.73	198240	274.0045 ng/ml
Oxymorphone	1.418	547363	1240.06	48.4	165.10	63543	286.5667 ng/ml
Phentermine	3.790	464957	10779.46	6.5	1423.69	252264	271.1646 ng/ml
Promethazine	5.545	598989	1727.74	32.3	550.44	99653	269.8610 ng/ml
Pseudoephedrine	2.603	3444686	62943.72	16.5	71950.42	622146	267.0647 ng/ml
Quetiapine	5.562	1282164	61495.75	58.9	676539.81	65795	280.4991 ng/ml
Sertraline	5.789	123572	668.00	98.6	1298.83	18818	266.2683 ng/ml
Temazepam	5.816	2051503	26840.05	28.6	11639.21	409798	275.6358 ng/ml
Tramadol	4.252	3183886	2384.36	3.9	415.55	585417	282.4749 ng/ml
Trazodone	5.149	1059863	754.43	76.3	203305.76	143826	282.5331 ng/ml
Venlafaxine	5.043	2554891	121937.03	37.4	881.16	460982	272.3546 ng/ml
Zolpidem	4.914	3723423	217152.28	29.4	1642560.47	657335	276.5987 ng/ml

*Outside curve range.

TS

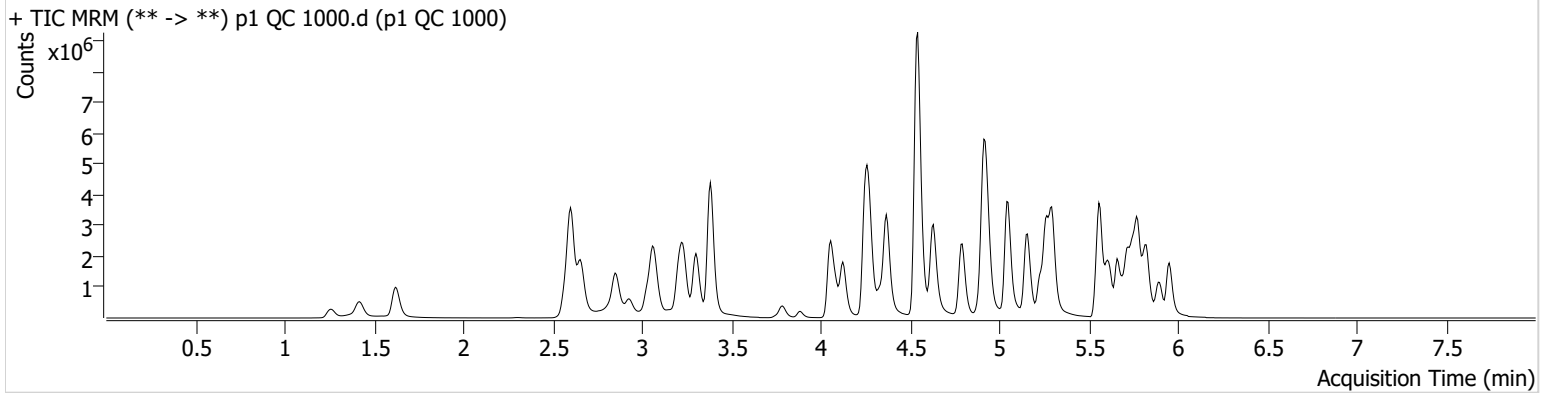


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 4:03:37 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	130861	369186.11	71.0	634.60	32376	108.9230 ng/ml
* 7-aminoclonazepam	4.258	812811	14752.44	74.2	25375.62	71032	778.4939 ng/ml
* a-hydroxyalprazolam	5.685	371703	490.28	73.5	2018.80	95526	575.1587 ng/ml
alpha-PHP	4.937	1043647	1046.08	266.7	86114.38	210714	938.4121 ng/ml
alpha-PVP	4.370	5409046	163511.12	49.8	31107.24	210714	1114.9846 ng/ml
Alprazolam	5.775	2907738	1513.64	110.9	2604.70	95526	1107.3303 ng/ml
* Amphetamine	3.069	4518662	294.90	44.2	382.47	67721	767.2373 ng/ml
Benzoylcegonine	3.886	240129	794.04	7.9	652.04	6068	1243.9007 ng/ml
Buprenorphine	5.846	35723	256205.15	15.4	12573.74	8572	121.1434 ng/ml
Bupropion	4.795	3814178	153262.25	65.0	38825.73	118216	1096.2031 ng/ml
Carisoprodol	5.724	1993750	556768.82	52.0	20435.41	74665	1104.3943 ng/ml
Citalopram	5.226	1956585	52263.92	35.7	18539.05	79098	1077.5980 ng/ml
* Clonazepam	5.605	2837219	201364.28	34.2	∞	40619	990.3836 ng/ml
* Clonazepam	5.542	1489600	1907.13	36.8	1062112.50	40619	899.7559 ng/ml
Cocaine	4.271	3861990	869516.13	52.5	3653.85	289565	1090.7415 ng/ml
* Codeine	2.593	352274	9392.67	100.5	232.06	24738	814.8699 ng/ml
Cyclobenzaprine	5.628	615390	56677.03	8.6	97.84	28242	1009.3143 ng/ml
Dextromethorphan	5.275	708099	22476.44	79.6	377393.44	33220	1106.0141 ng/ml
Dextrophan	4.125	1289608	1442.01	217.5	49701.50	149975	1157.3944 ng/ml
Diazepam	5.953	2152662	30394.52	87.2	∞	104571	1040.4486 ng/ml
* Dihydrocodeine	2.565	1388719	25993.63	62.7	36922.87	110680	830.5470 ng/ml
Diphenhydramine	5.296	5024956	171155.70	29.4	33505.76	239153	1085.4242 ng/ml
Doxylamine	4.543	12664589	14459.14	98.4	452421.54	504918	1088.6110 ng/ml
EDDP	5.261	4397123	164876.49	41.7	253551.06	226489	1111.0140 ng/ml
Etizolam	5.813	1507978	41365.71	27.8	4989.82	40619	1140.4766 ng/ml
Fentanyl	5.109	79232	7184.99	74.5	205155.24	48610	102.9962 ng/ml
Flualprazolam	5.698	829338	307.24	109.6	3832.20	95526	970.0082 ng/ml
Fluoxetine	5.721	346685	23676.19	8.0	65859.41	10813	1125.6594 ng/ml
Hydrocodone	3.032	1972428	566.26	34.4	1966.73	135773	954.9002 ng/ml
Hydromorphone	1.621	1904383	6170870.41	74.9	2176.12	60061	1115.7653 ng/ml
Ketamine	4.059	4630787	174312.81	37.5	48586.36	202879	1022.0933 ng/ml
* Lamotrigine	4.287	306029	22372.27	86.2	174944.62	202879	809.0902 ng/ml
Levetiracetam	2.656	1853470	1311.06	147.2	119092.75	353520	1285.5577 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.740	920575	55548.27	48.8	690.20	40619	372.7616 ng/ml
* MDA	3.209	2928888	2790.79	28.1	3494.20	107637	881.2825 ng/ml
MDMA	3.303	2784866	123945.77	94.7	2256.92	32597	1070.0416 ng/ml
* Meprobamate	4.897	955248	291373.94	25.3	7551.15	100540	610.2991 ng/ml
Methadone	5.659	2205863	141486.17	57.0	80748.66	88392	1048.9451 ng/ml
Methamphetamine	3.238	3284109	62625.57	40.2	98954.92	178555	969.6813 ng/ml
Metoprolol	4.333	886903	135849.40	89.2	11956.42	411786	948.9415 ng/ml
Mirtazapine	4.631	5091753	4658.96	46.5	176354.90	210714	1033.3150 ng/ml
Mitragynine	5.237	393999	202736.53	35.6	1856.60	88392	870.1890 ng/ml
Morphine	1.261	312561	1200.23	21.0	1076.58	4146	1044.8275 ng/ml
Norbuprenorphine	4.999	4077	9231.59	101.7	2635.63	1881	113.7068 ng/ml
Nordiazepam	5.900	1644208	5756.31	57.7	525.10	52479	1090.8037 ng/ml
* Norfentanyl	4.093	1028061	92993.67	33.4	47501.95	326354	137.6969 ng/ml
* Norhydrocodone	3.080	238303	1127.82	37.7	322.17	17427	1395.9875 ng/ml
Noroxycodone	2.930	1239834	5765.74	50.4	337.83	31218	1236.6422 ng/ml
O-desmethyl-tramadol	3.383	10433110	172426.72	6.8	26340.48	515964	1131.3977 ng/ml
* Oxazepam	5.749	1233837	3448.37	75.3	20245.30	63009	993.0879 ng/ml
Oxycodone	2.848	4165105	2179.73	30.5	1515.49	151510	1028.8706 ng/ml
Oxymorphone	1.418	1394052	∞	47.6	∞	42821	1085.9007 ng/ml
* Phentermine	3.790	1026400	12279.13	6.3	3828.26	168788	897.4601 ng/ml
Promethazine	5.545	1087956	2540.02	31.4	12446.09	44528	1098.6062 ng/ml
Pseudoephedrine	2.603	8338360	3558.21	15.8	1012.47	353520	1138.7413 ng/ml
Quetiapine	5.562	4070986	320079.75	61.1	67138.29	54481	1080.0150 ng/ml
Sertraline	5.789	133350	345.82	96.6	561.94	5484	986.6343 ng/ml
Temazepam	5.823	2983791	54951.31	28.6	2839.13	158660	1038.4915 ng/ml
Tramadol	4.246	8201658	6263.15	3.8	5999.17	411786	1037.5210 ng/ml
Trazodone	5.156	4015853	277222.18	78.4	708920.08	138982	1110.3326 ng/ml
Venlafaxine	5.043	6924918	310634.63	35.8	1218.36	302509	1126.5941 ng/ml
* Zolpidem	4.914	10780790	6787.13	27.7	1703.96	538663	979.7149 ng/ml

*Outside curve range.

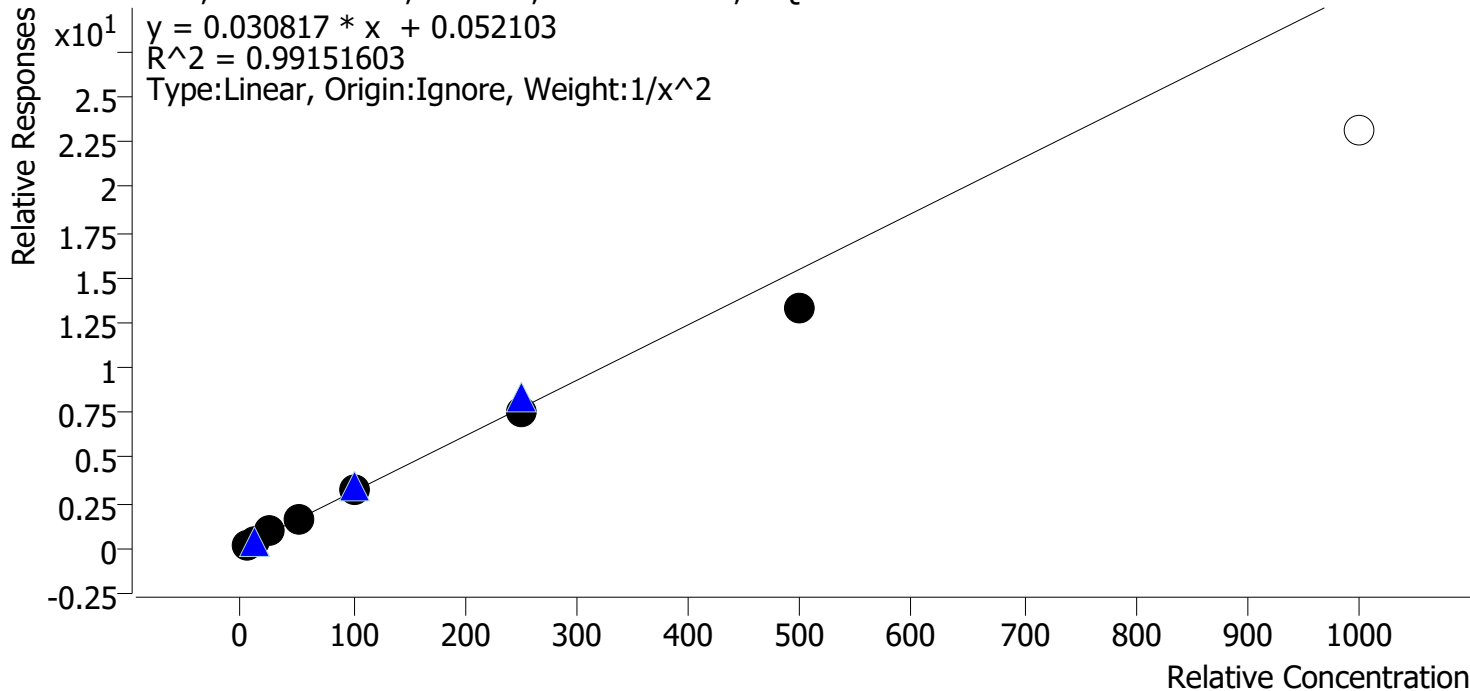
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	428.3	85.7
p1 Cal 8-1000ng	8	✗	1000.0	747.7	74.8

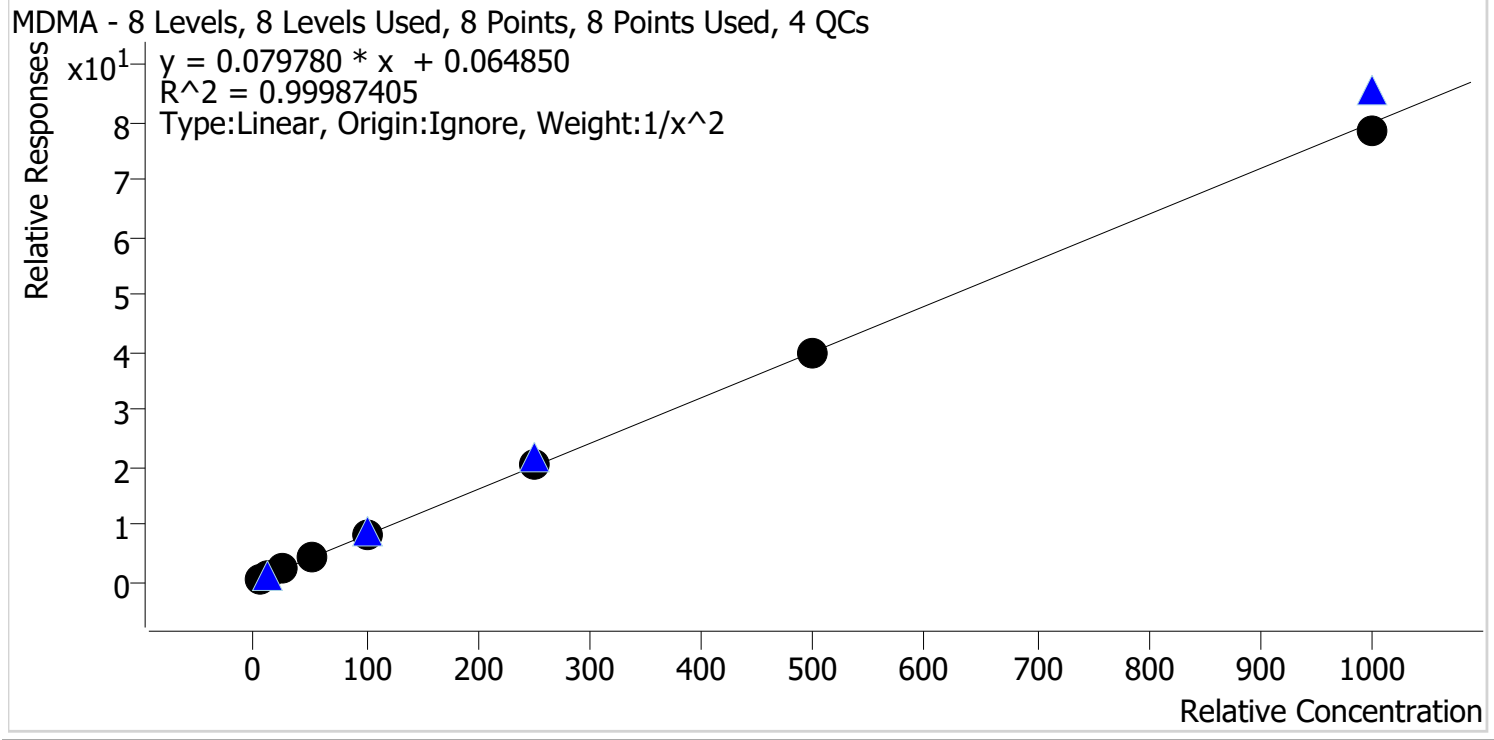
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



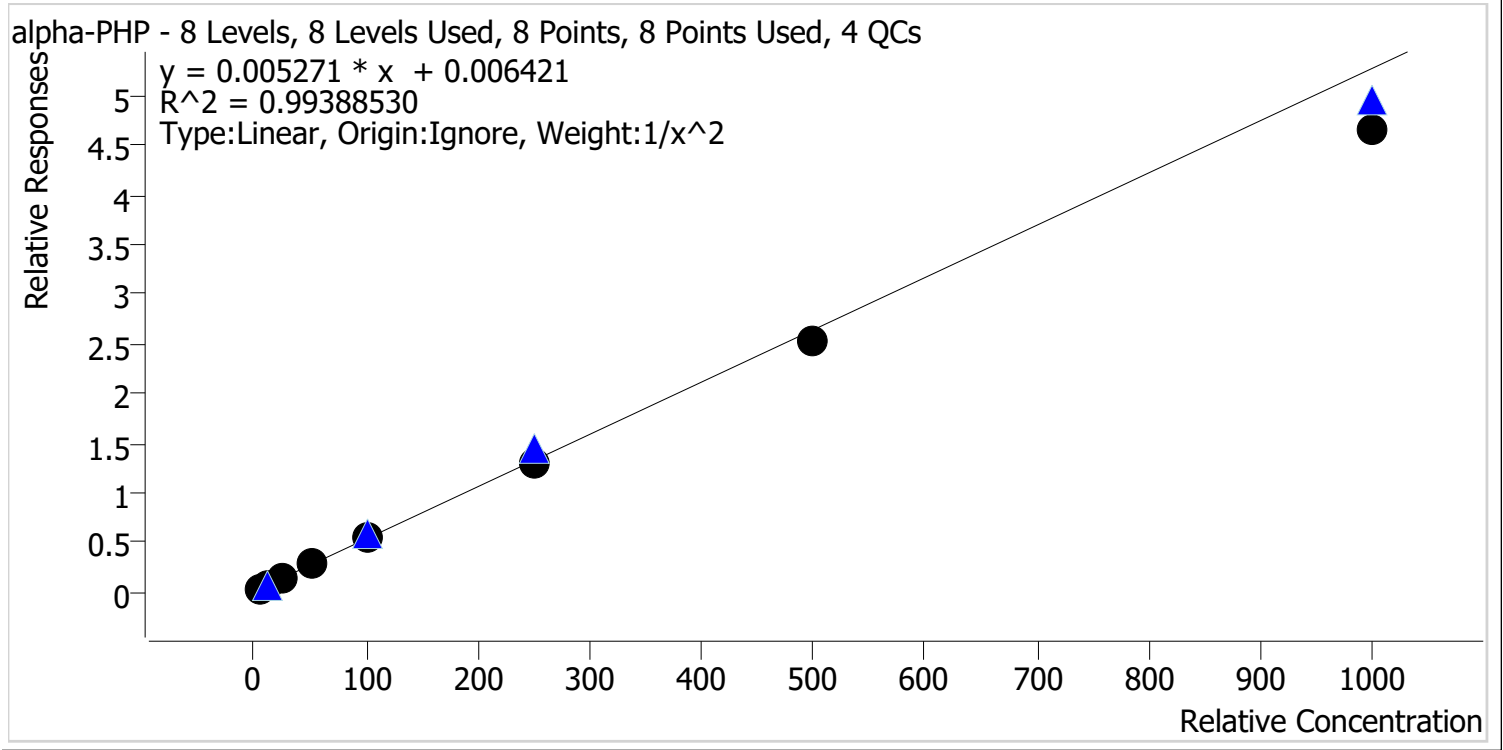
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	496.4	99.3
p1 Cal 8-1000ng	8	✓	1000.0	981.8	98.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



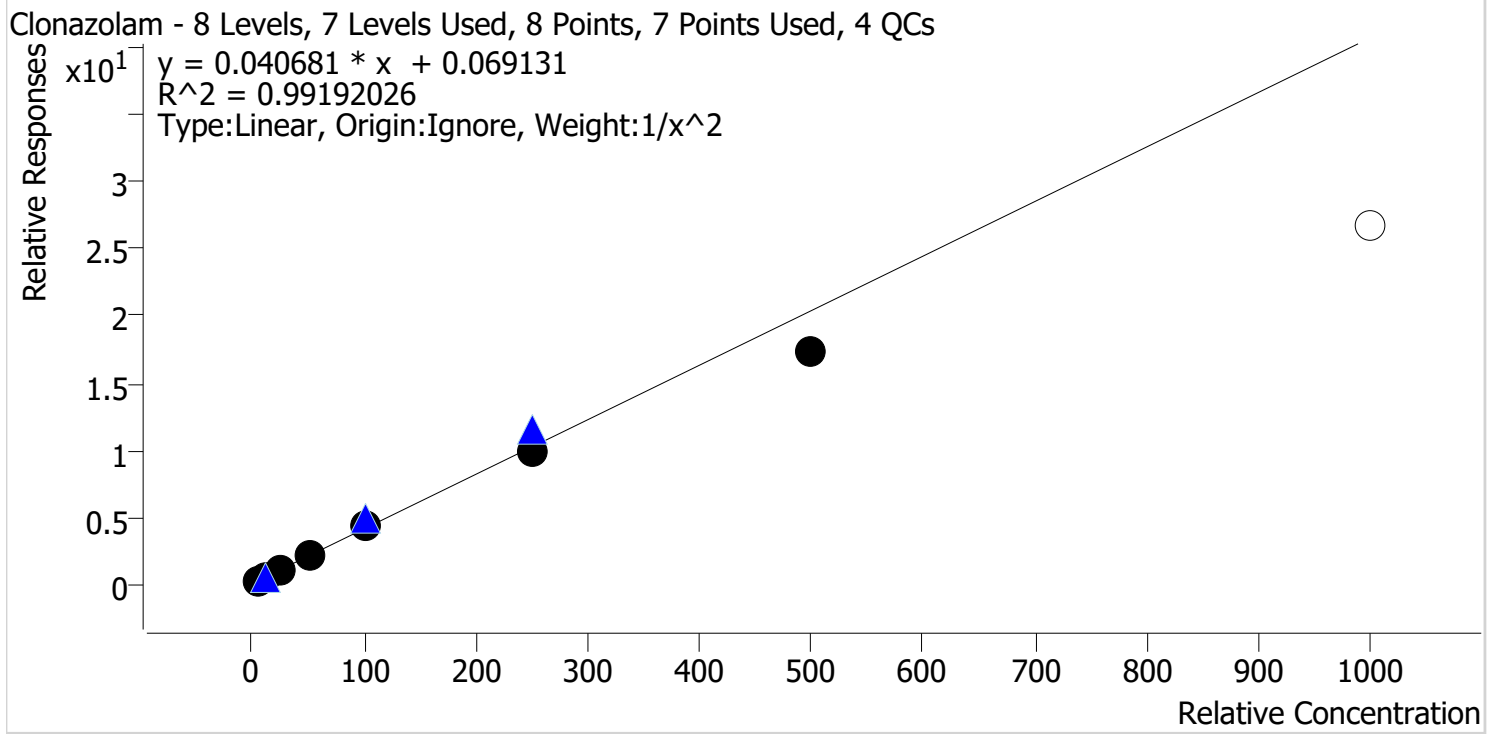
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	480.7	96.1
p1 Cal 8-1000ng	8	✓	1000.0	880.1	88.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	428.1	85.6
p1 Cal 8-1000ng	8	✗	1000.0	654.8	65.5

Calibrator 8 dropped due to accuracy.

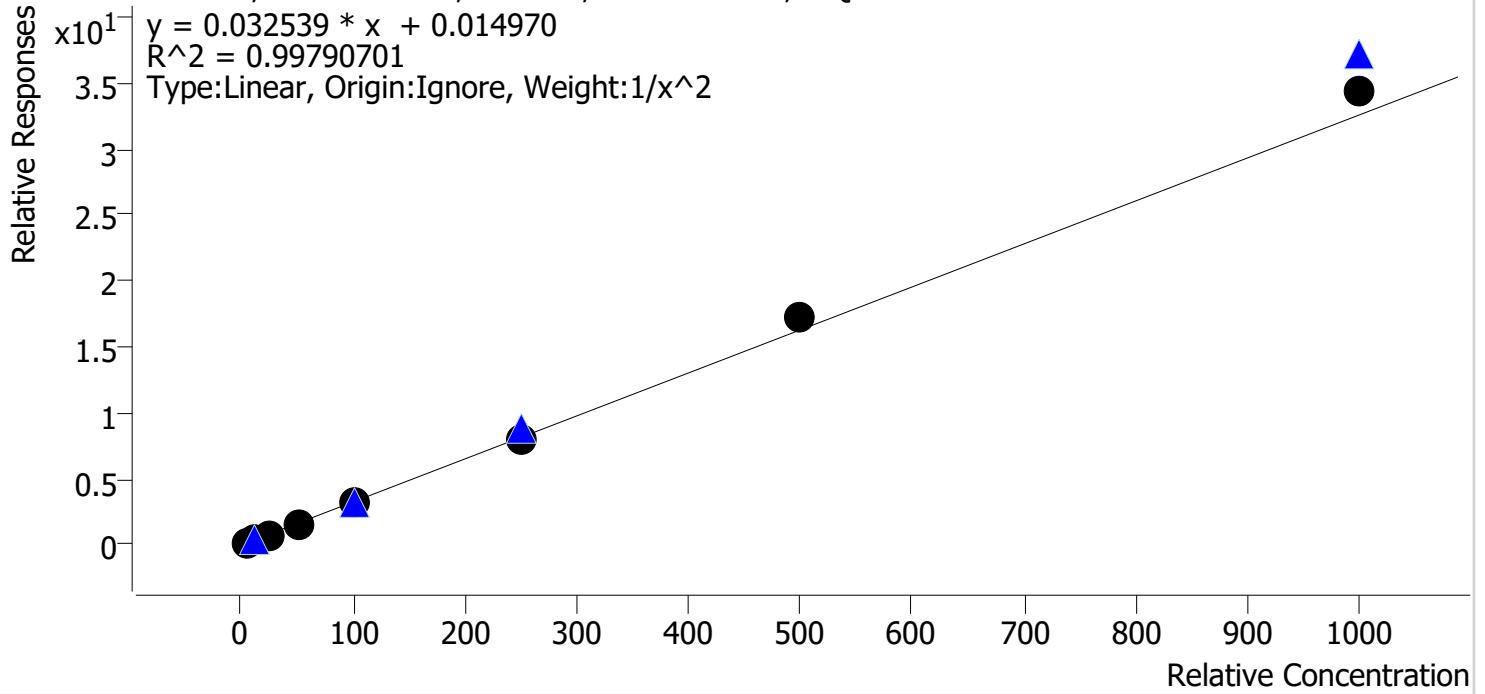
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



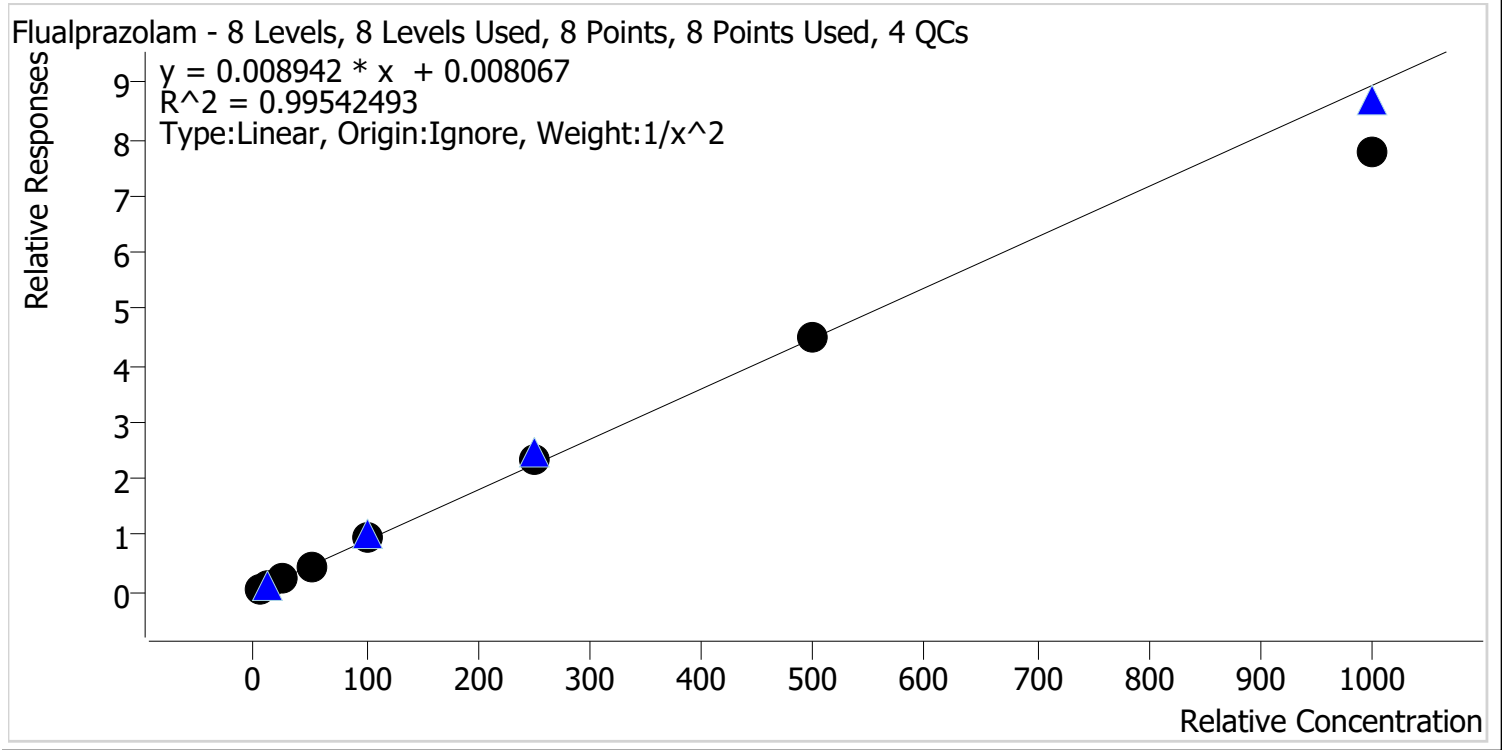
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1056.3	105.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



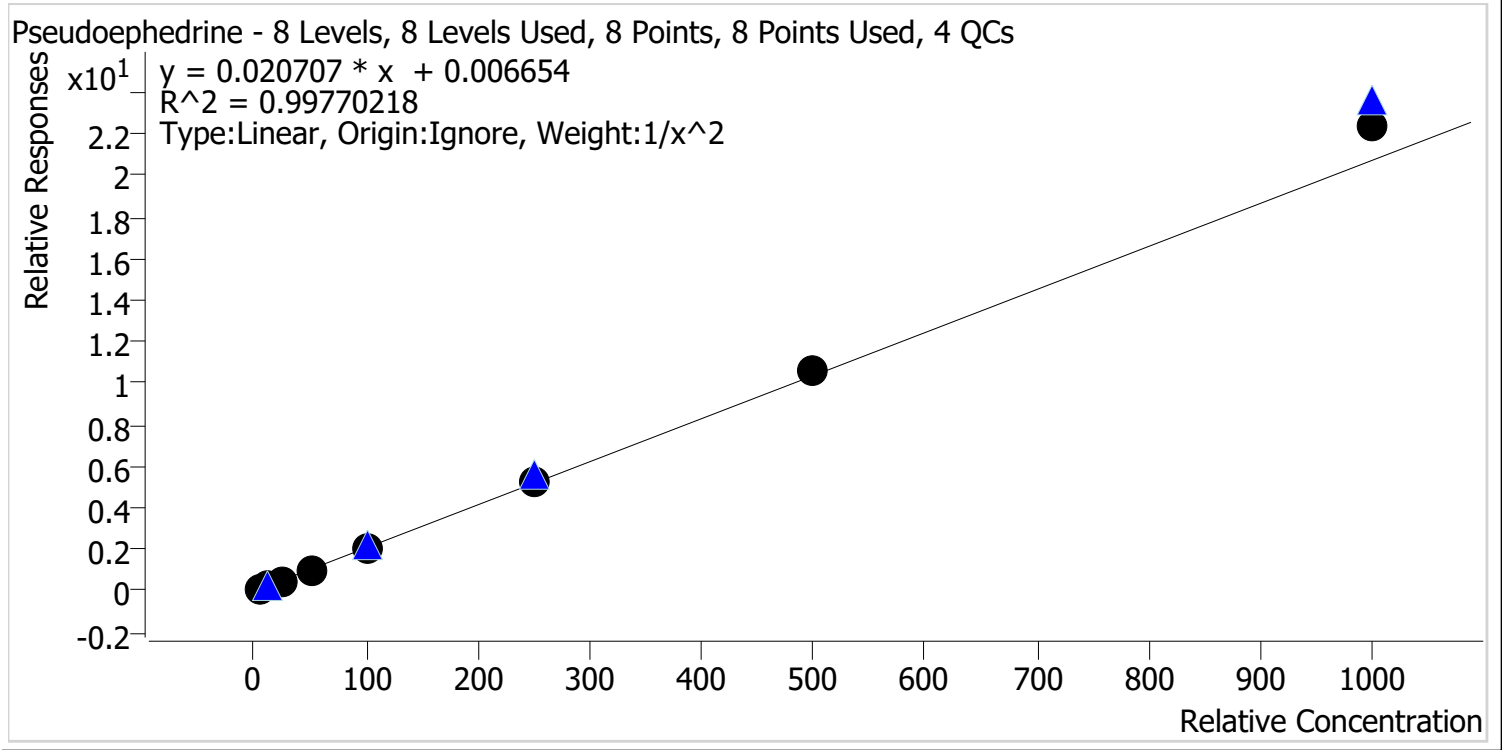
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	500.5	100.1
p1 Cal 8-1000ng	8	✓	1000.0	871.3	87.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



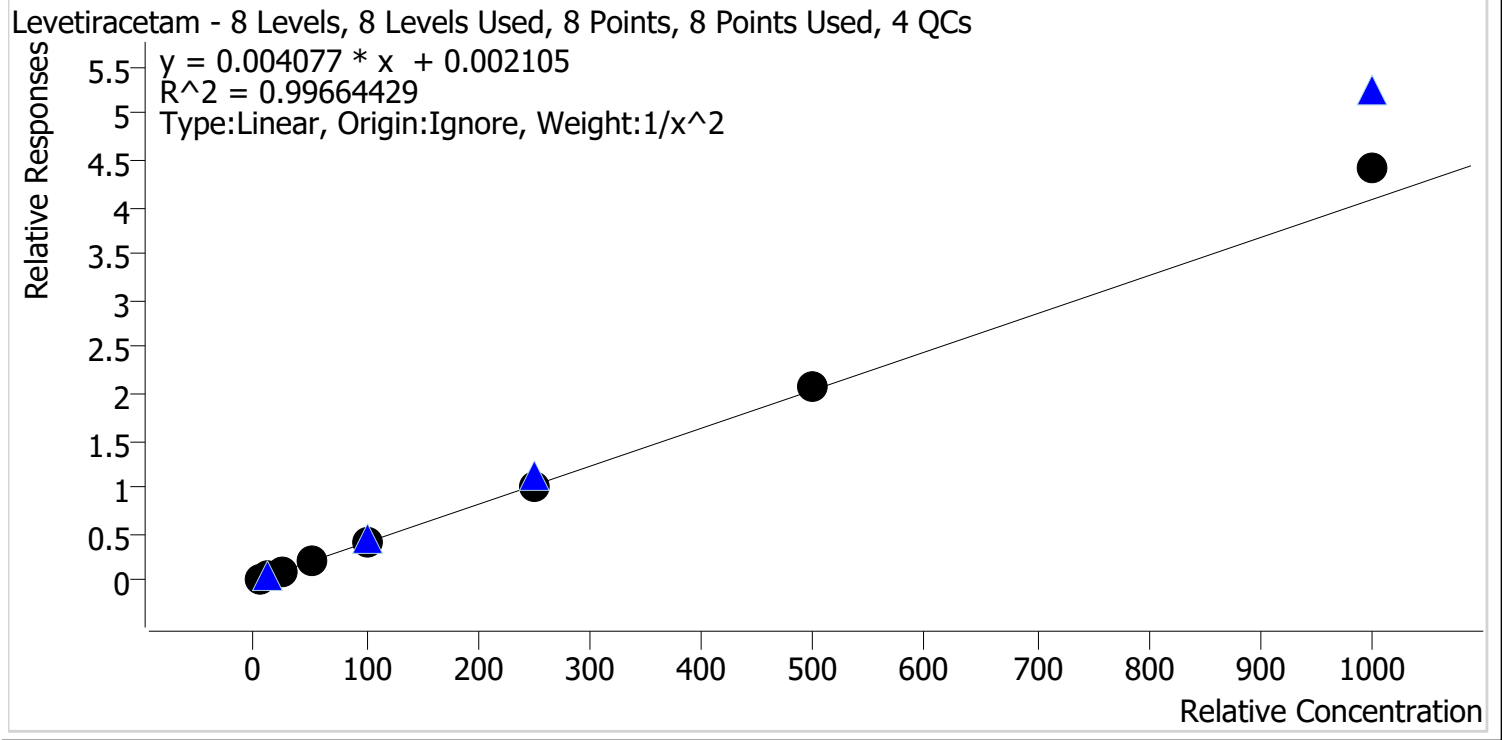
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1076.3	107.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



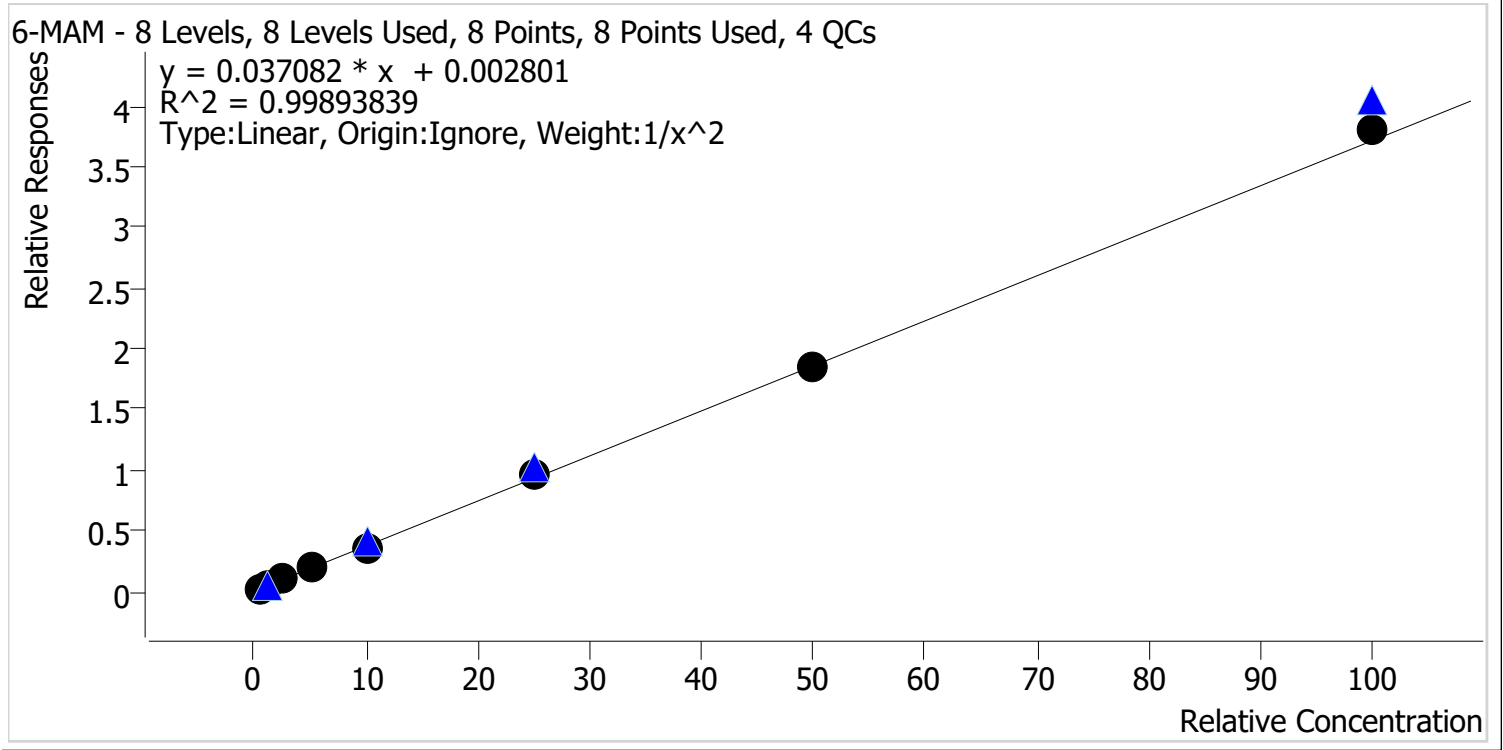
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1085.6	108.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	100.8
p1 Cal 2-10ng	2	✓	1.0	1.0	99.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.3
p1 Cal 5-100ng	5	✓	10.0	9.5	95.3
p1 Cal 6-250ng	6	✓	25.0	26.2	104.9
p1 Cal 7-500ng	7	✓	50.0	50.1	100.1
p1 Cal 8-1000ng	8	✓	100.0	102.2	102.2

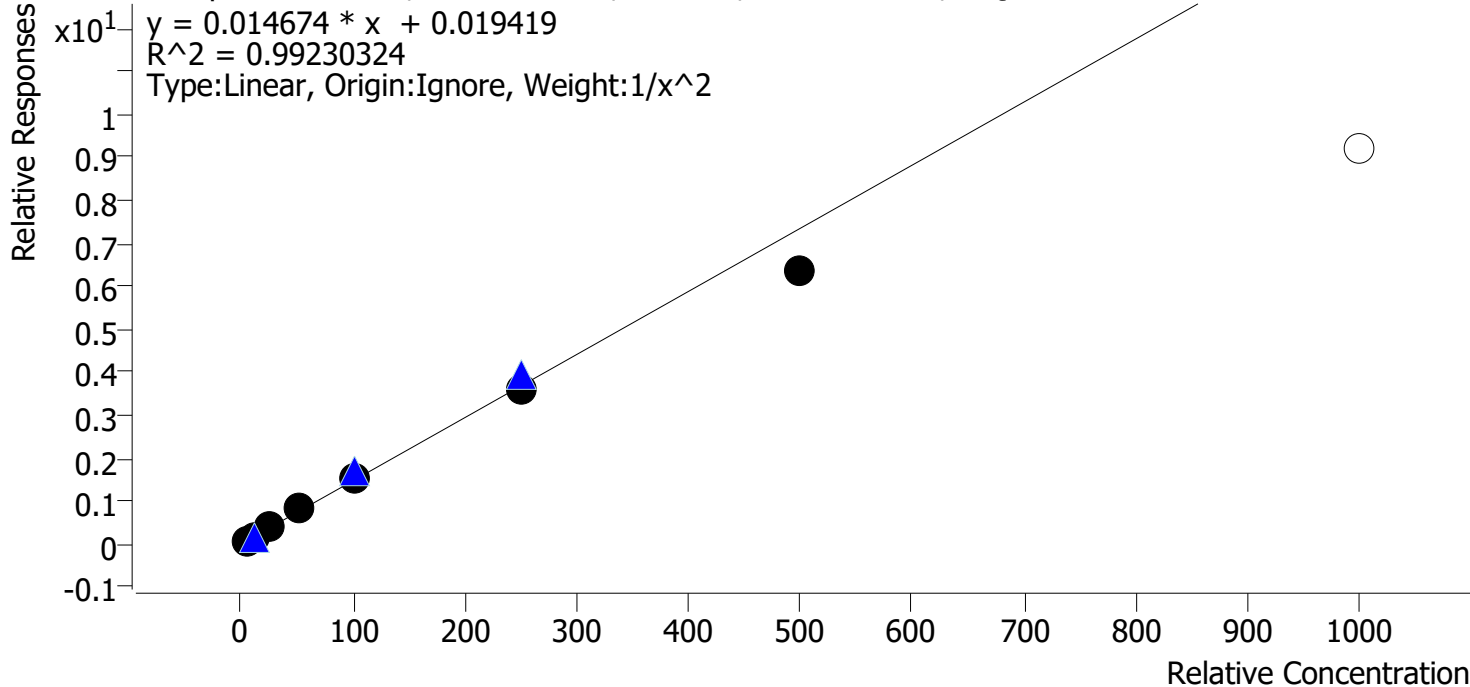
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	432.3	86.5
p1 Cal 8-1000ng	8	✗	1000.0	626.5	62.6

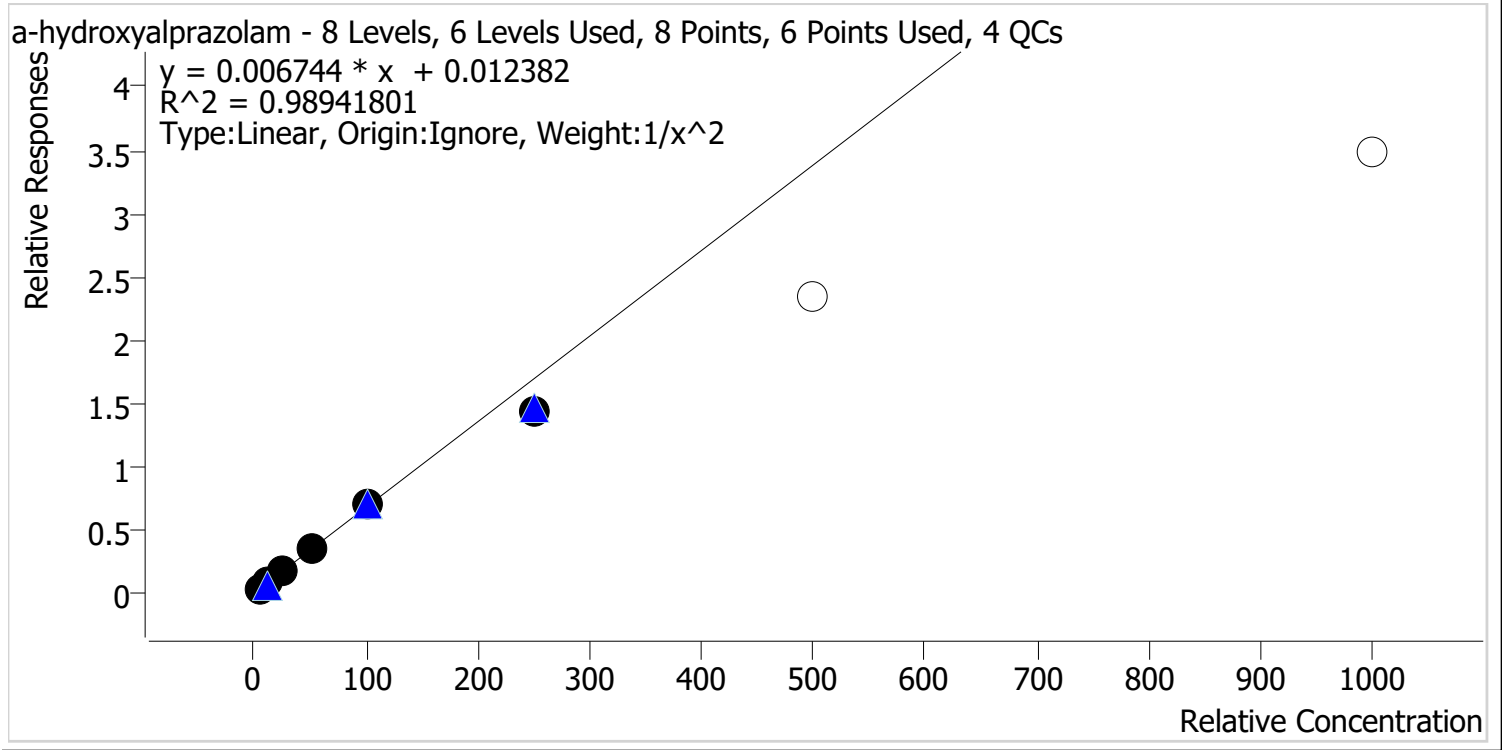
Calibrator 8 dropped due to accuracy.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.8	107.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	213.5	85.4
p1 Cal 7-500ng	7	x	500.0	344.2	68.8
p1 Cal 8-1000ng	8	x	1000.0	513.7	51.4

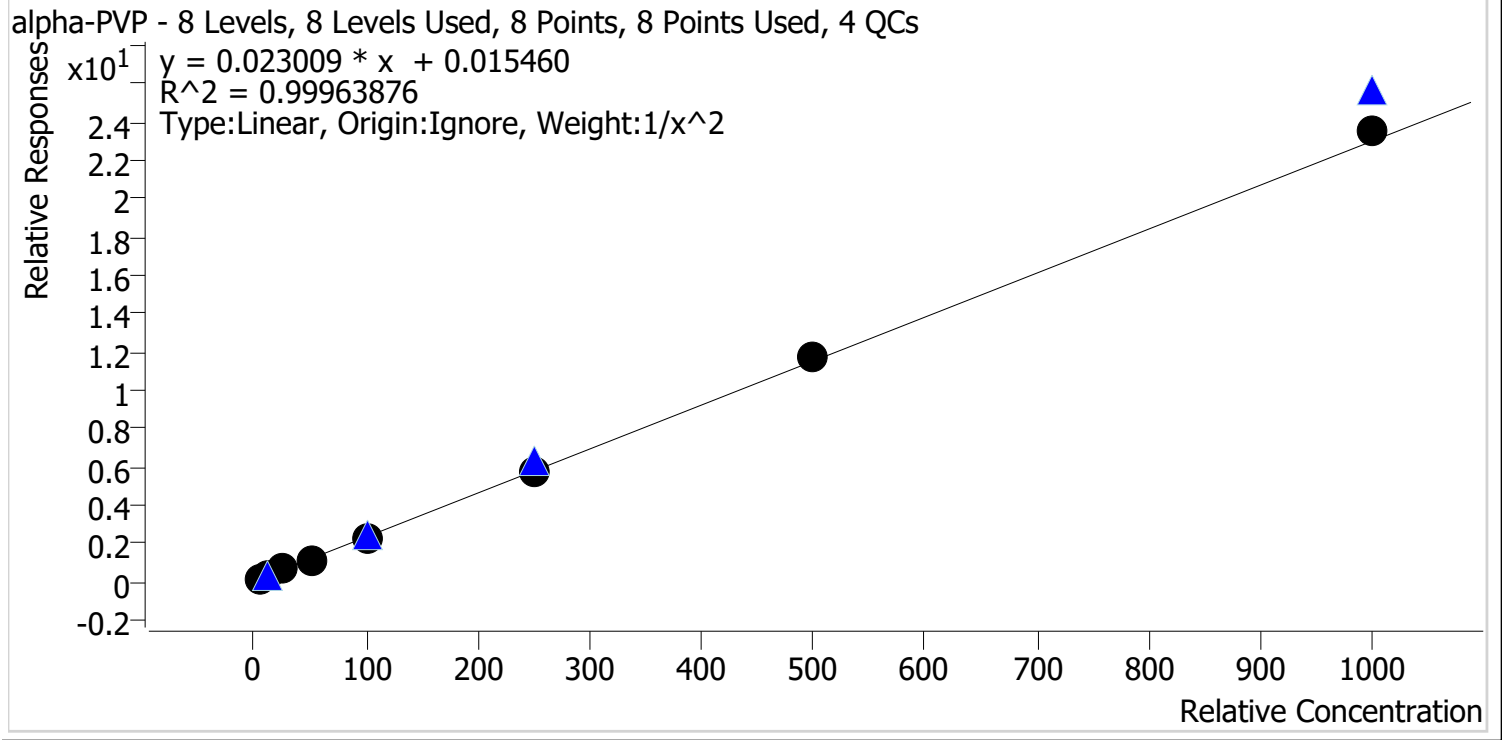
Calibrator 7 and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



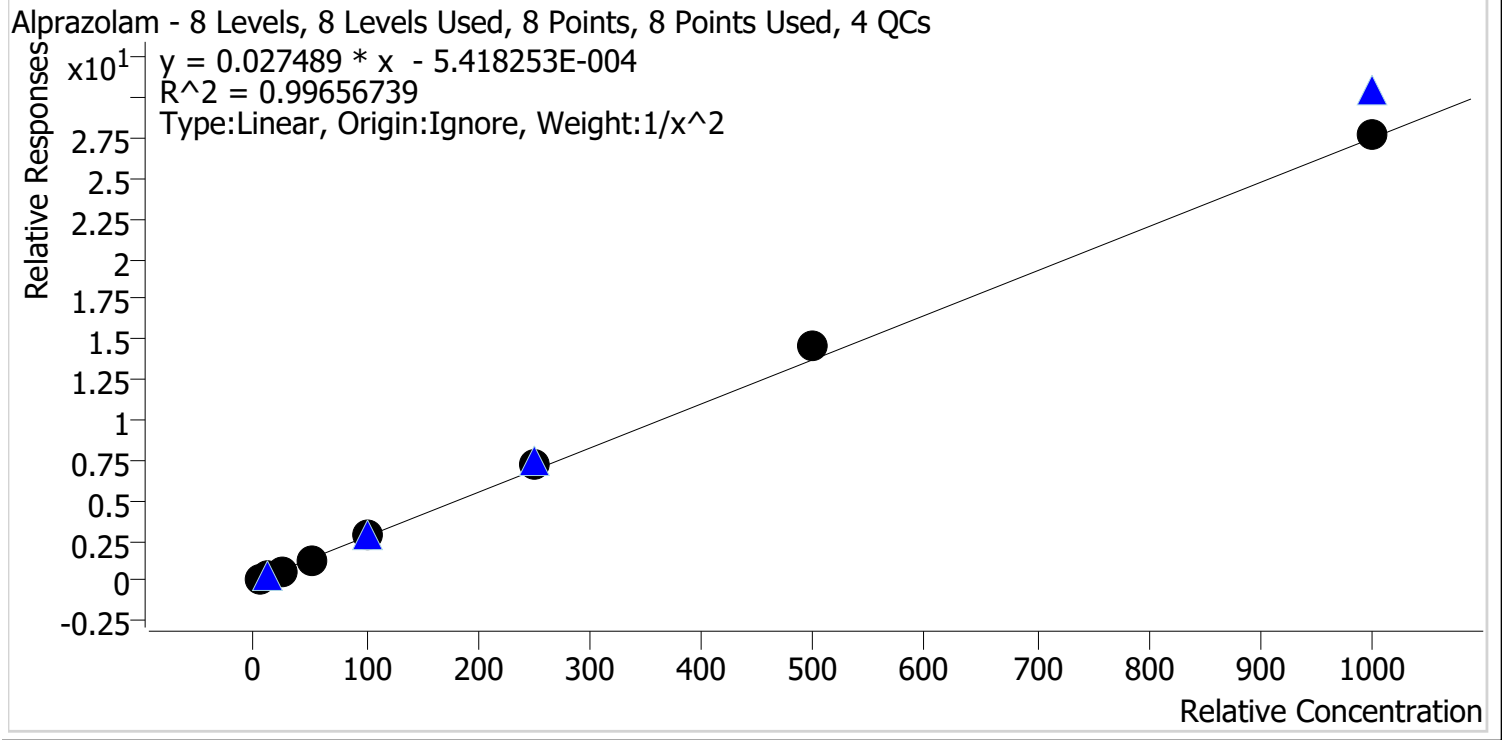
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1026.5	102.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	261.1	104.4
p1 Cal 7-500ng	7	✓	500.0	534.5	106.9
p1 Cal 8-1000ng	8	✓	1000.0	1008.0	100.8

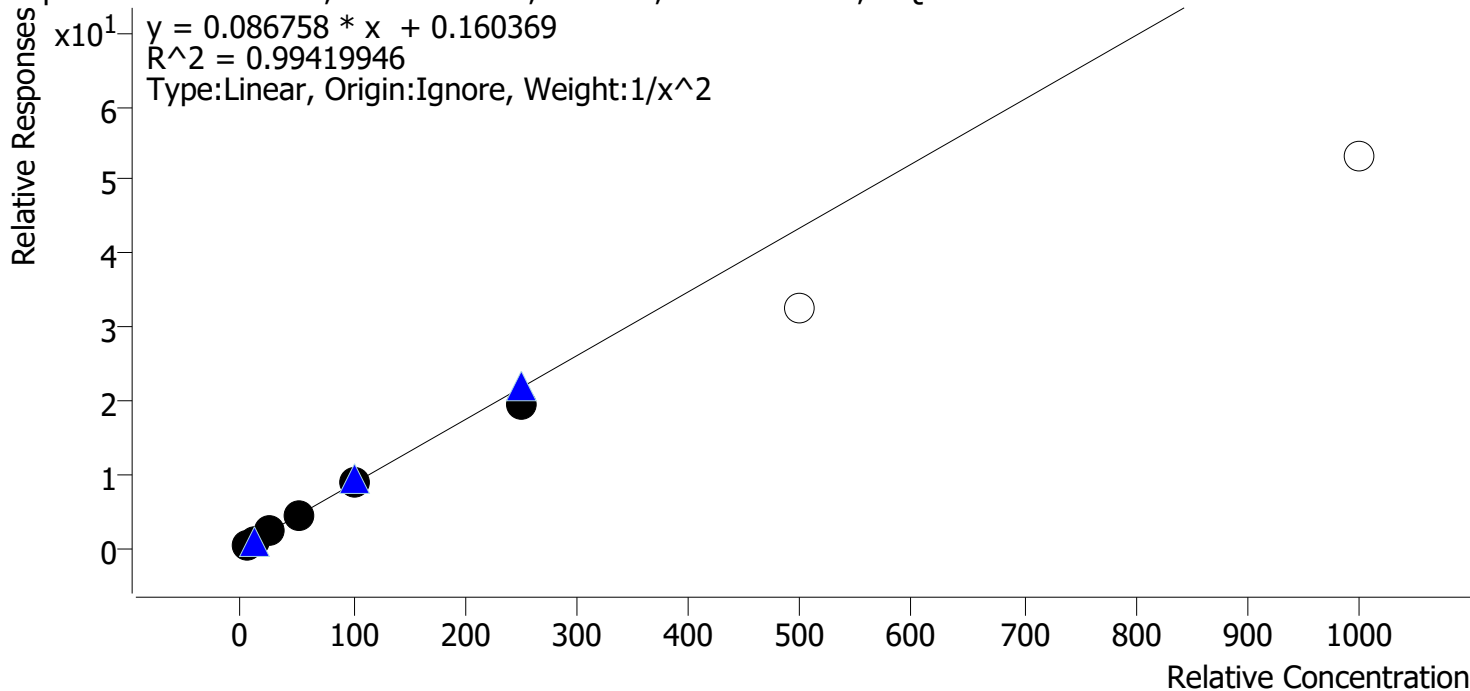
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	224.0	89.6
p1 Cal 7-500ng	7	x	500.0	377.1	75.4
p1 Cal 8-1000ng	8	x	1000.0	609.3	60.9

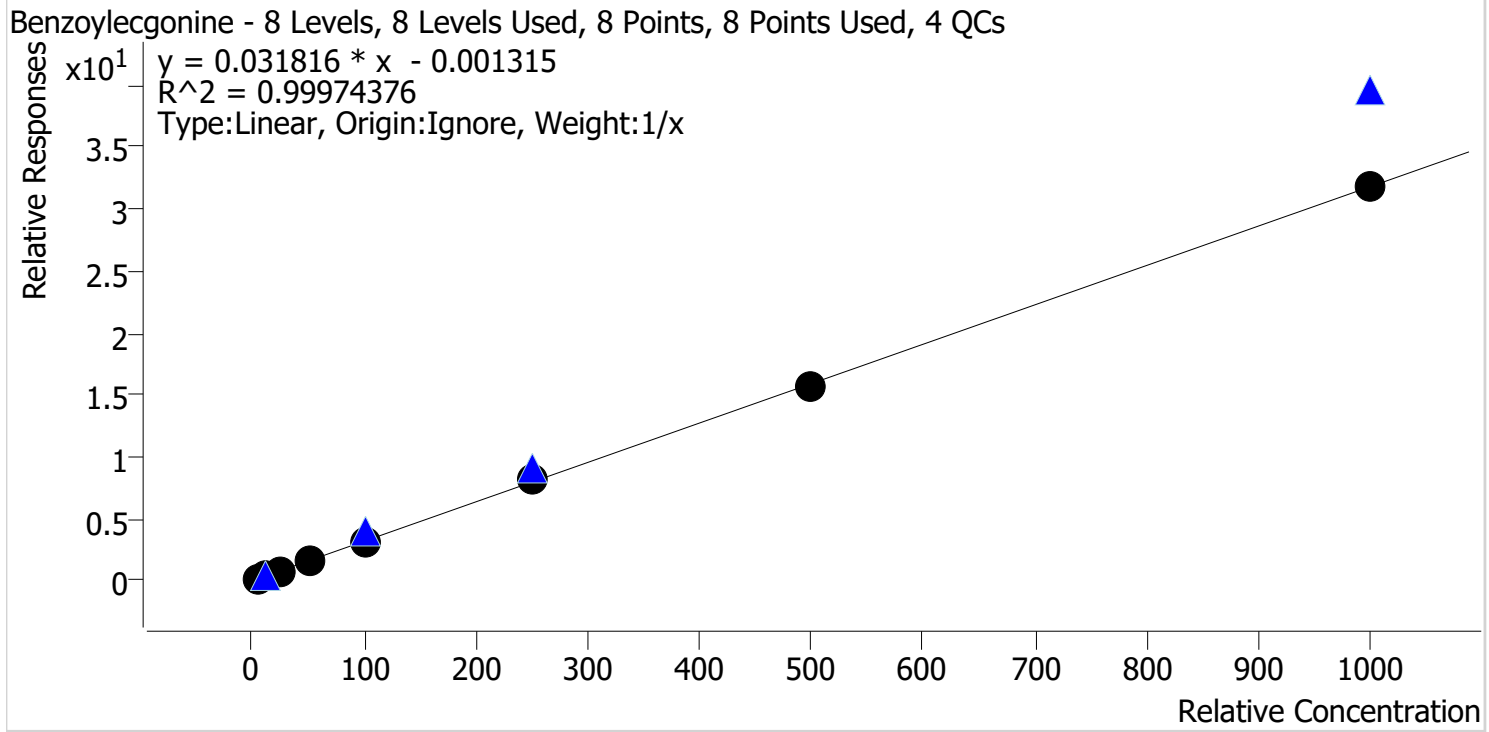
Calibrator 7 and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



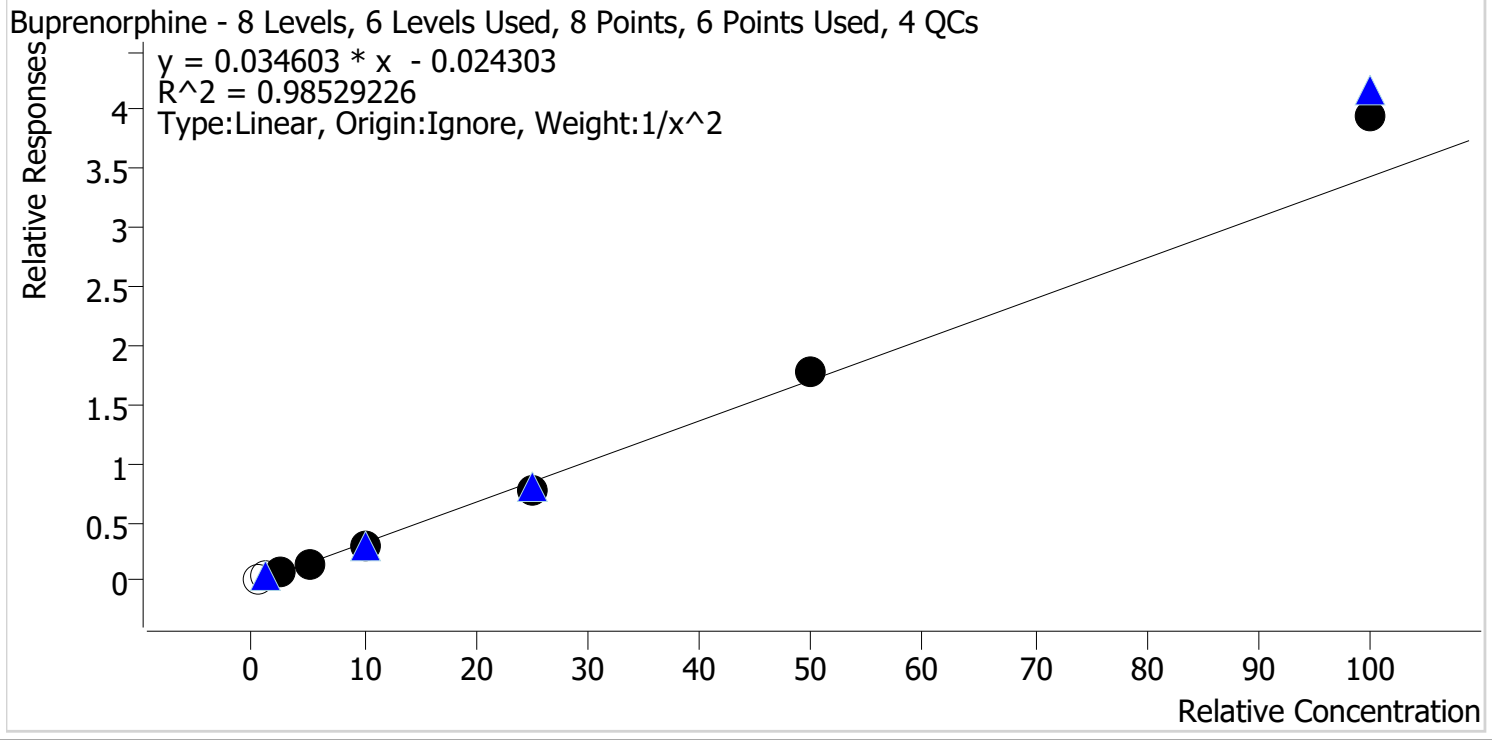
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	496.1	99.2
p1 Cal 8-1000ng	8	✓	1000.0	997.5	99.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	1.2	240.8
p1 Cal 2-10ng	2	x	1.0	1.6	155.5
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.8
p1 Cal 4-50ng	4	✓	5.0	4.8	96.3
p1 Cal 5-100ng	5	✓	10.0	9.0	89.9
p1 Cal 6-250ng	6	✓	25.0	22.5	90.0
p1 Cal 7-500ng	7	✓	50.0	52.1	104.2
p1 Cal 8-1000ng	8	✓	100.0	114.9	114.9

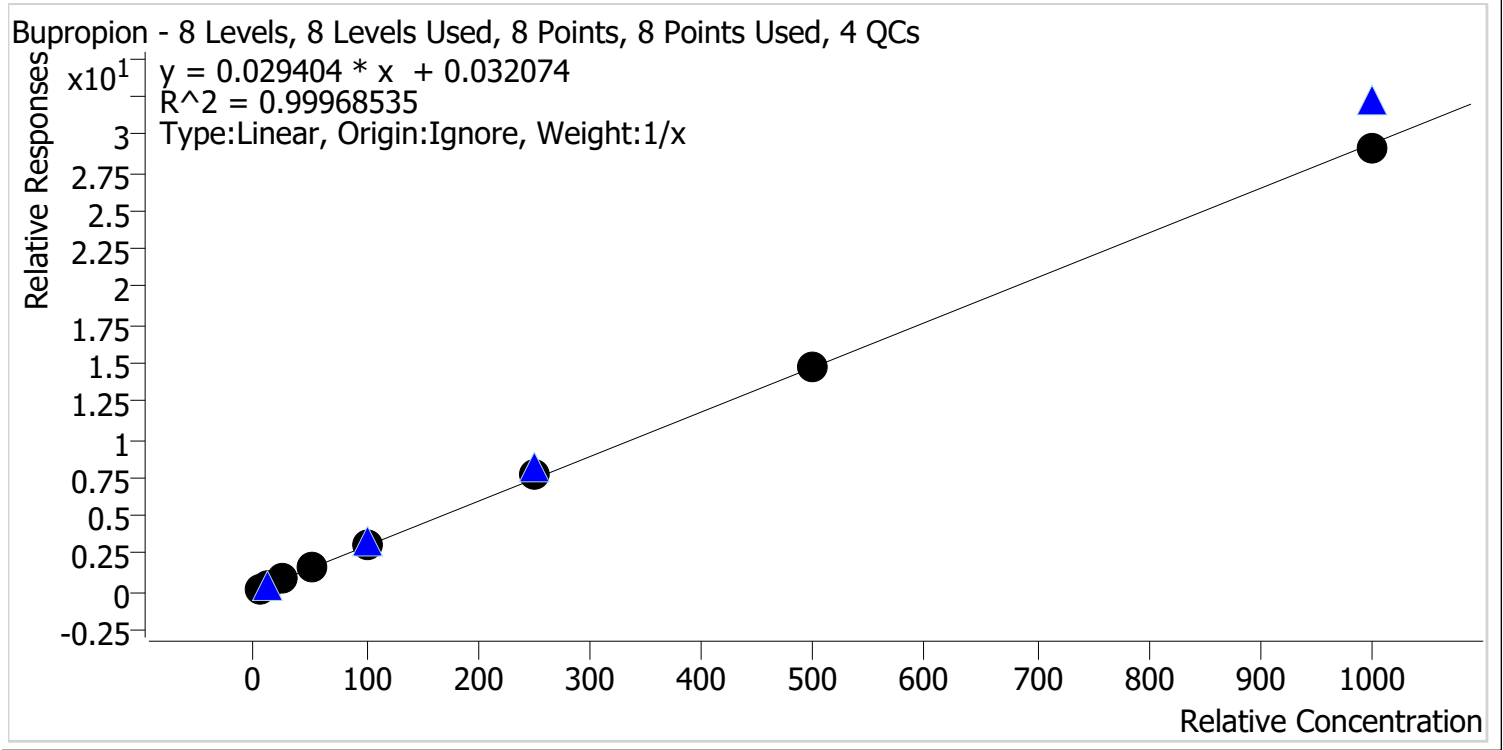
Calibrators 1 and 2 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	504.1	100.8
p1 Cal 8-1000ng	8	✓	1000.0	986.4	98.6

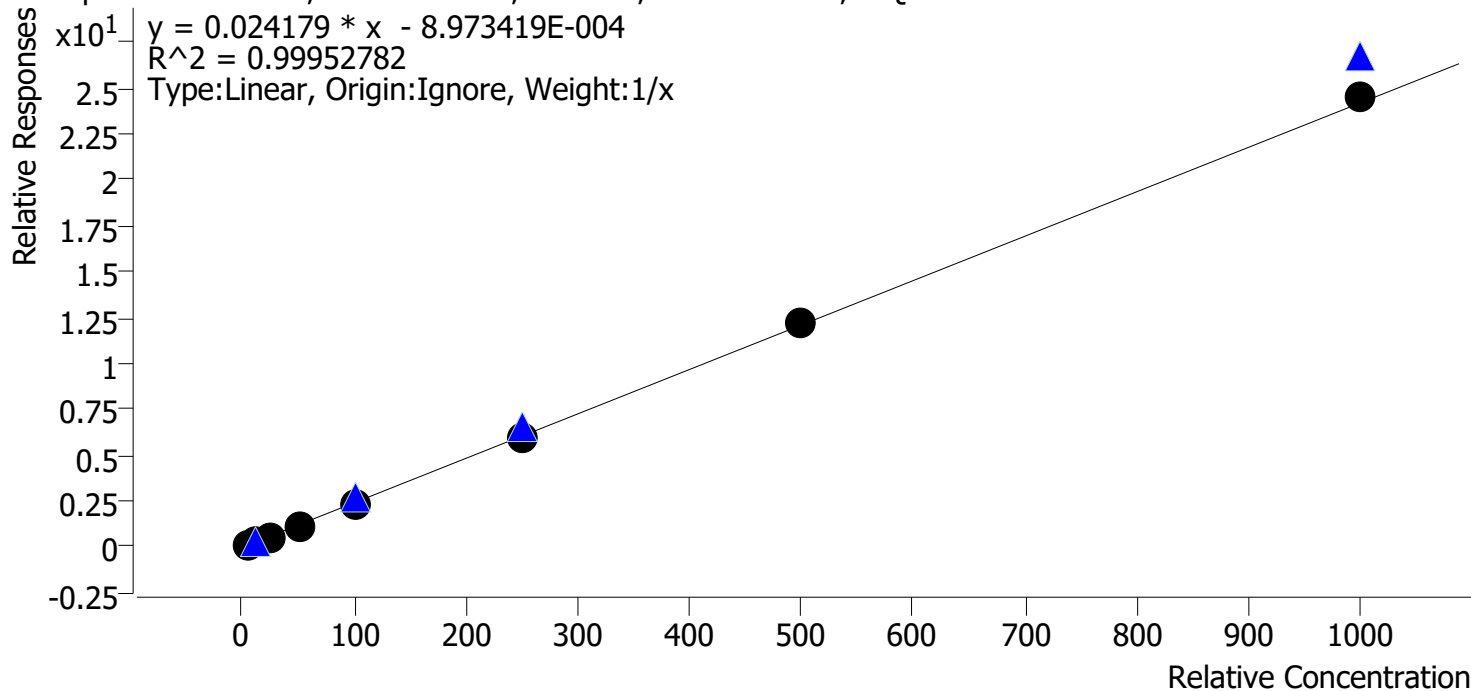
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	94.0	94.0
p1 Cal 6-250ng	6	✓	250.0	243.1	97.2
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1009.8	101.0

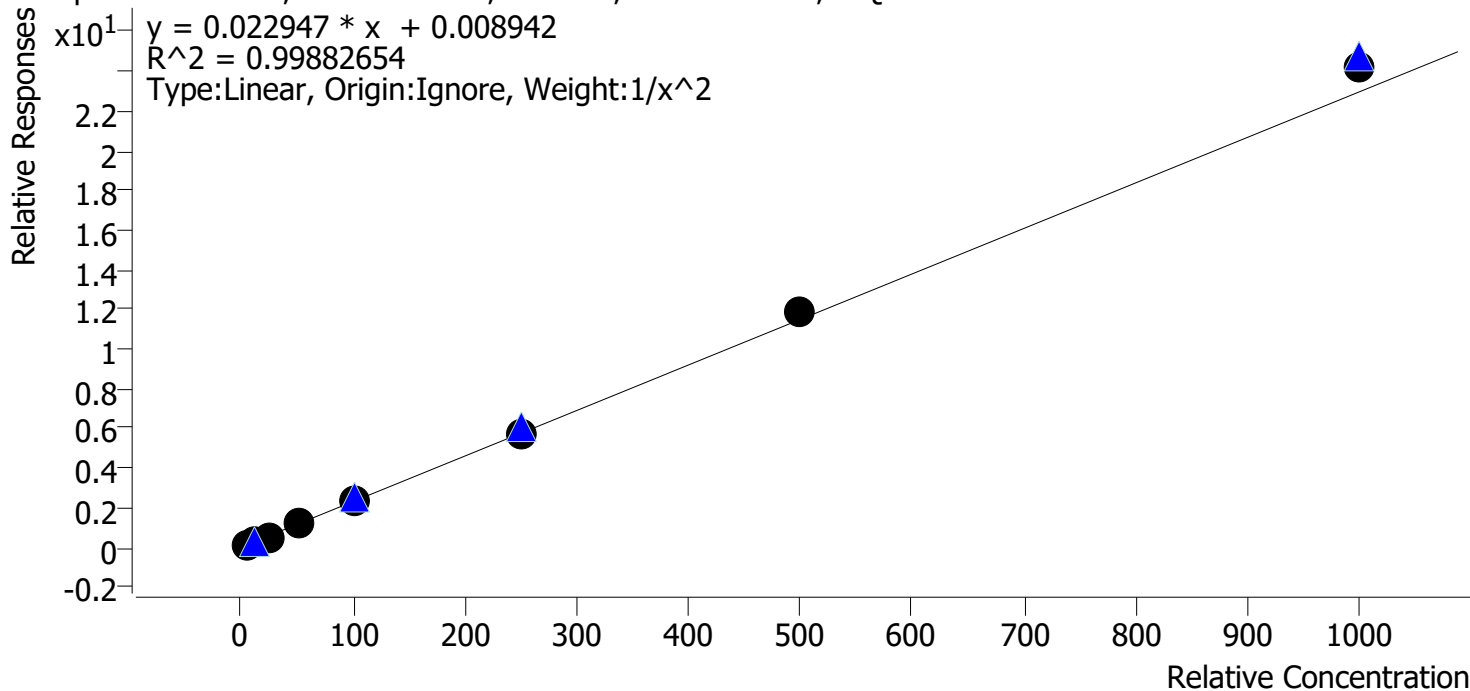
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



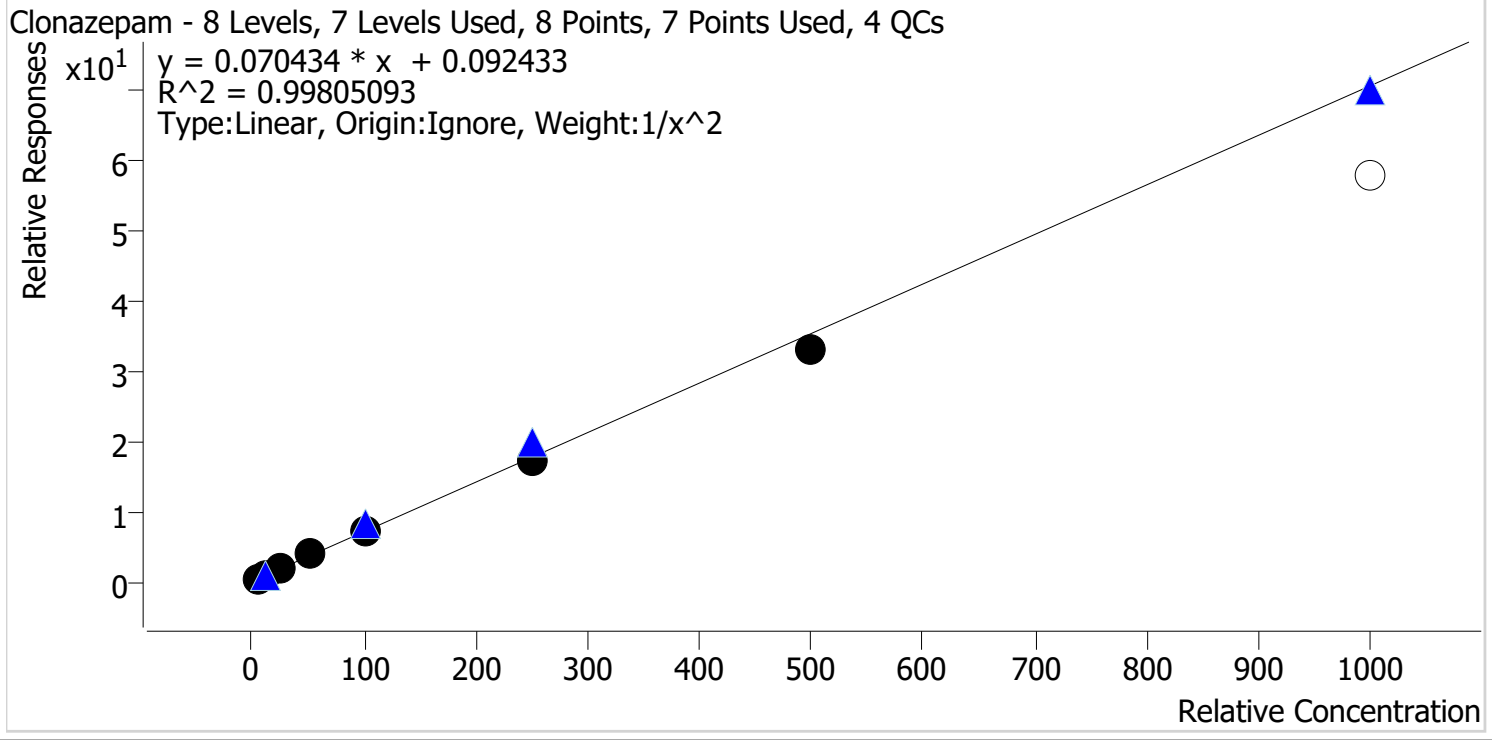
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
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\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	246.4	98.5
p1 Cal 7-500ng	7	✓	500.0	470.9	94.2
p1 Cal 8-1000ng	8	✗	1000.0	823.2	82.3

Calibrator 8 dropped due to QC accuracy.

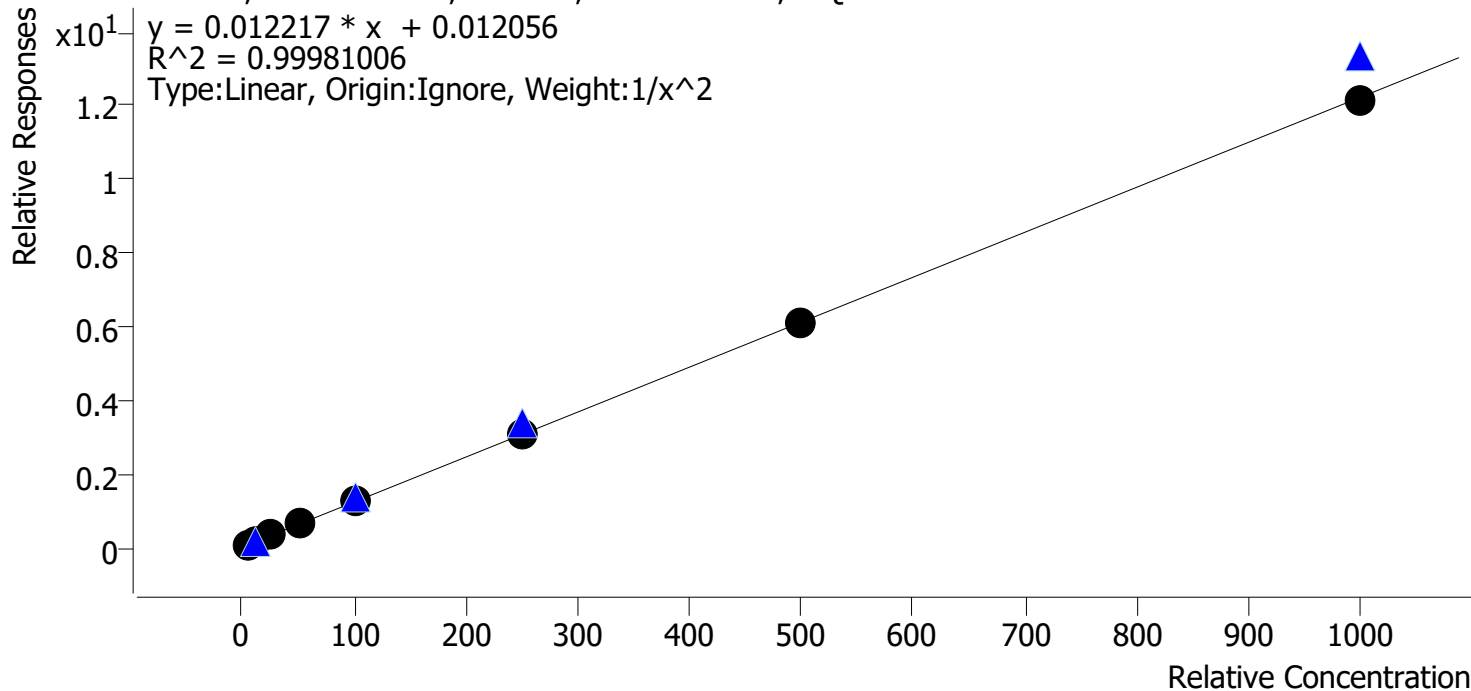
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	247.1	98.9
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	997.1	99.7

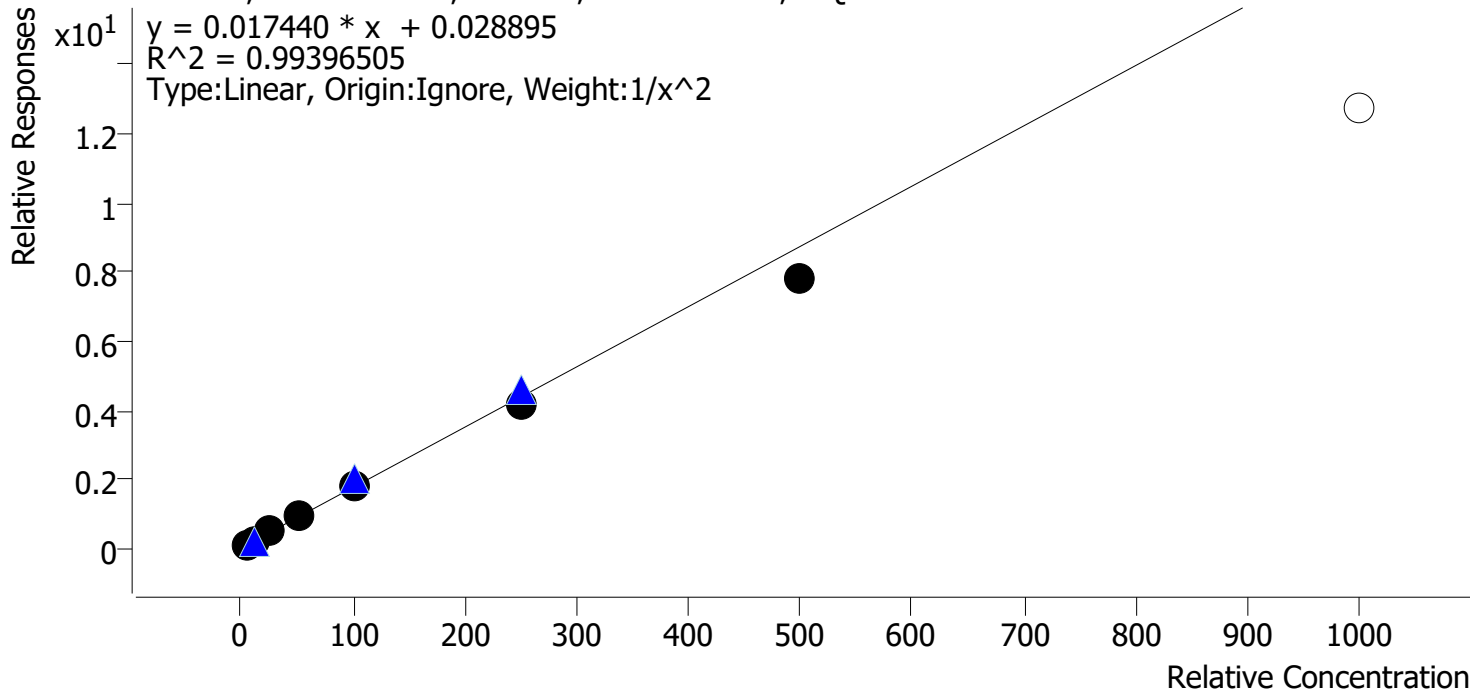
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	237.8	95.1
p1 Cal 7-500ng	7	✓	500.0	445.1	89.0
p1 Cal 8-1000ng	8	✗	1000.0	730.5	73.1

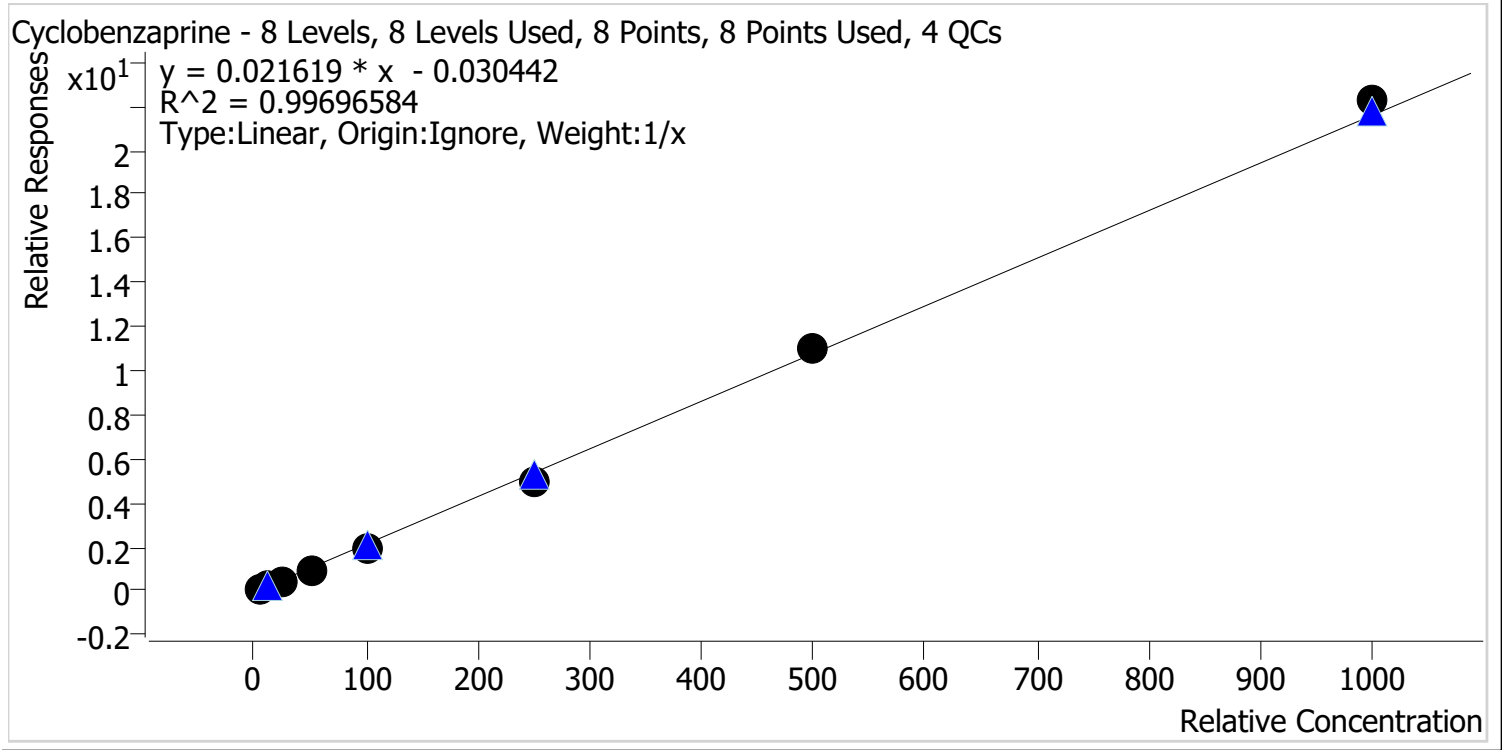
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.5	129.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.8
p1 Cal 4-50ng	4	✓	50.0	45.5	91.0
p1 Cal 5-100ng	5	✓	100.0	87.6	87.6
p1 Cal 6-250ng	6	✓	250.0	228.7	91.5
p1 Cal 7-500ng	7	✓	500.0	507.1	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1031.0	103.1

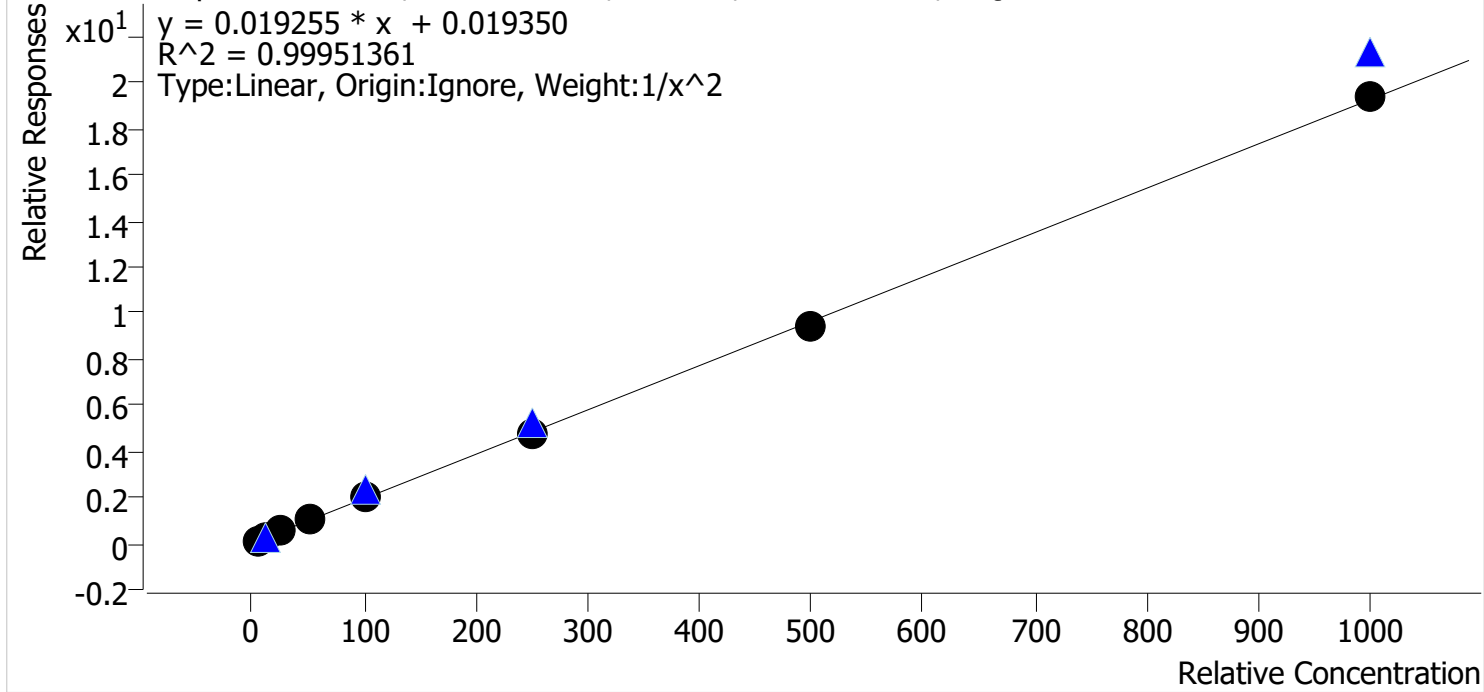
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
p1 Cal 8-1000ng	8	✓	1000.0	1008.1	100.8

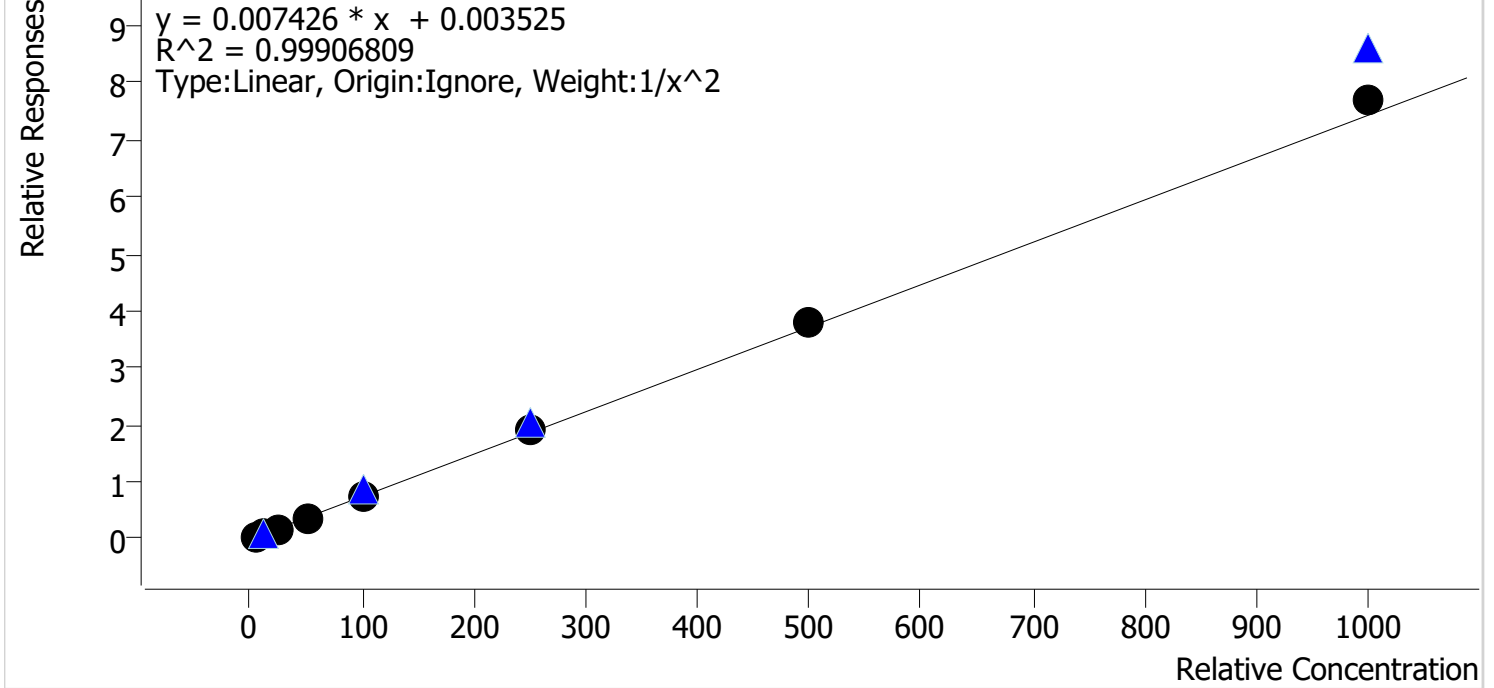
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



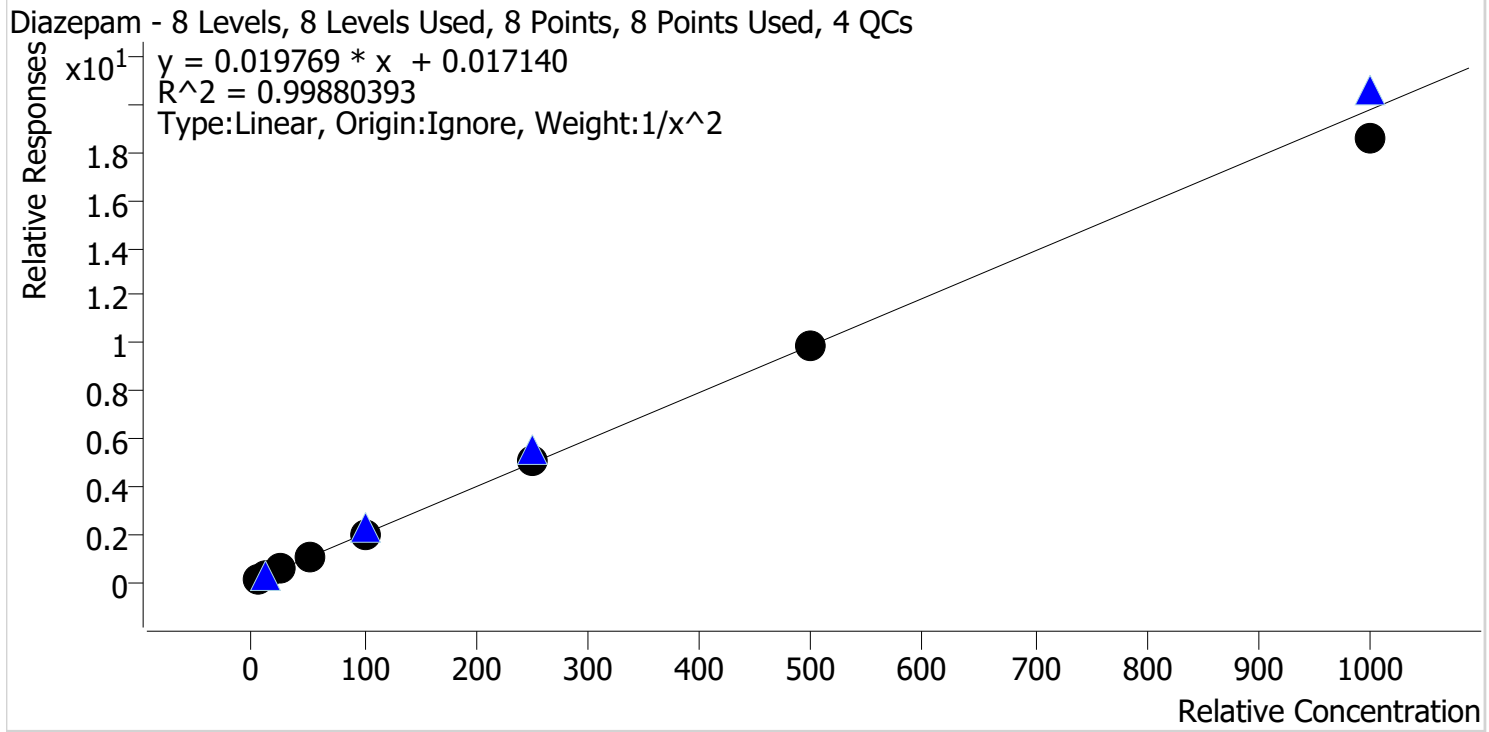
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1038.0	103.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



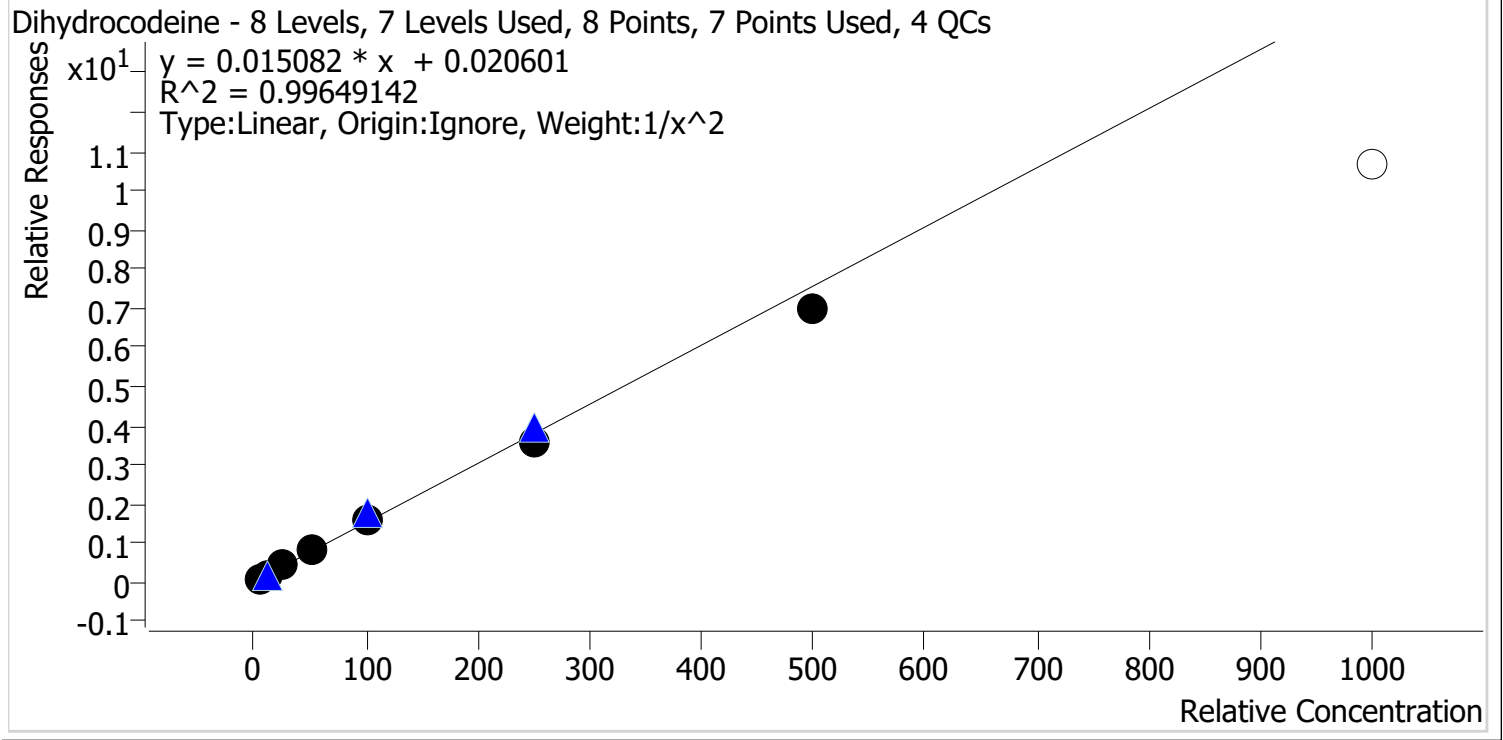
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	939.1	93.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	462.0	92.4
p1 Cal 8-1000ng	8	✗	1000.0	706.1	70.6

Calibrator 8 dropped due to accuracy.

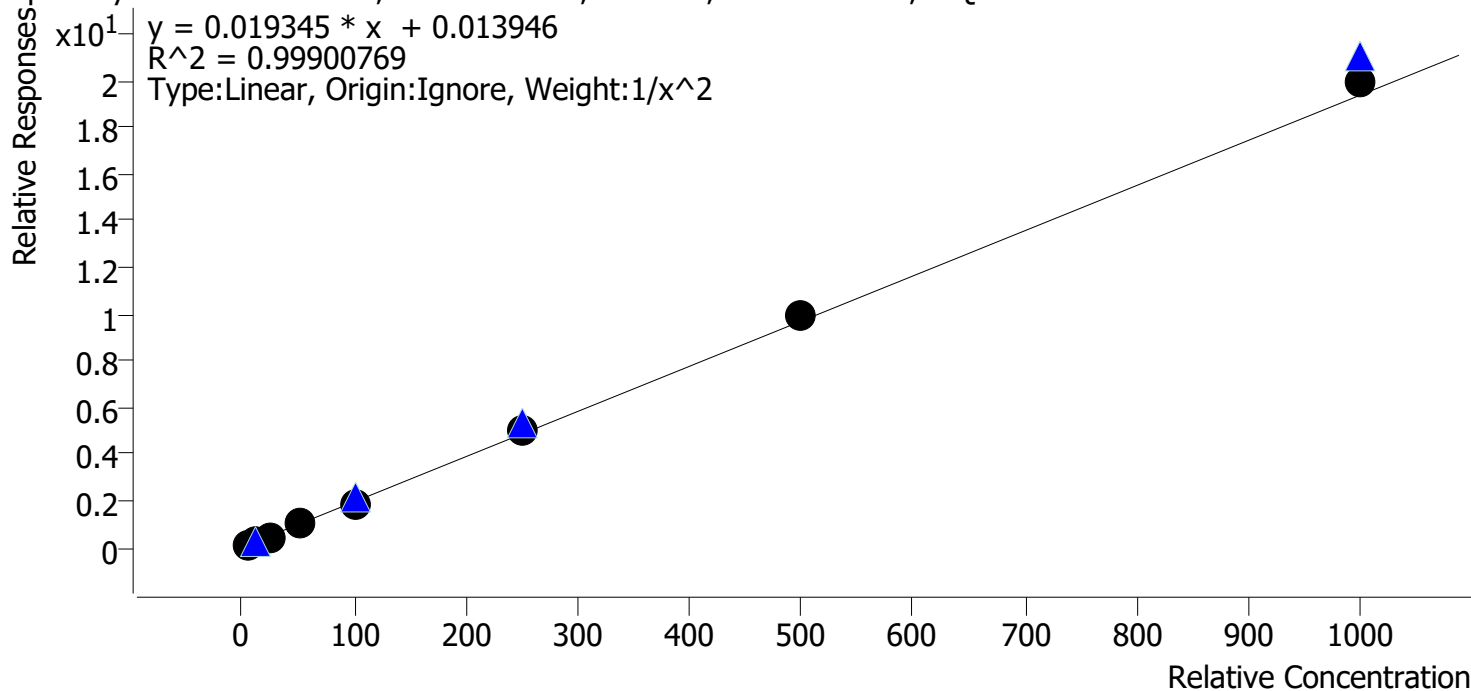
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1029.6	103.0

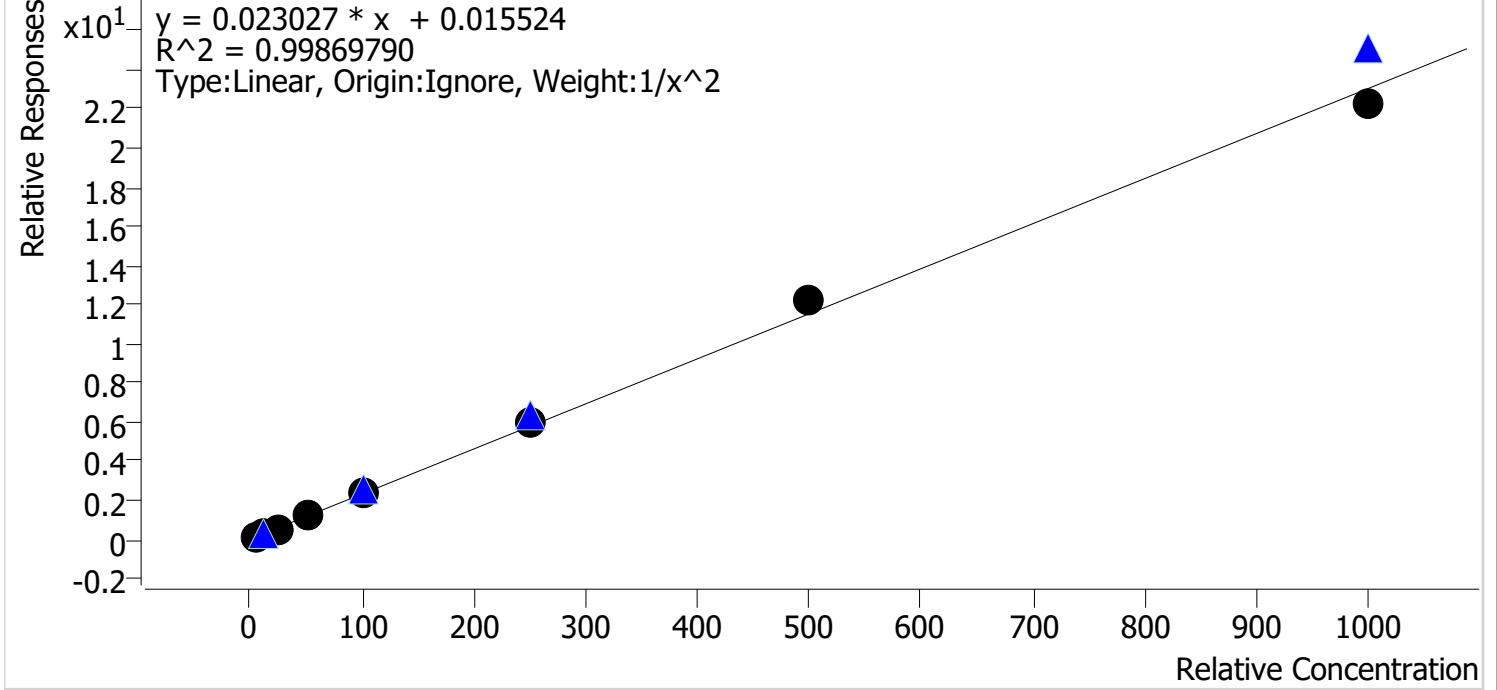


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	528.0	105.6
p1 Cal 8-1000ng	8	✓	1000.0	966.6	96.7

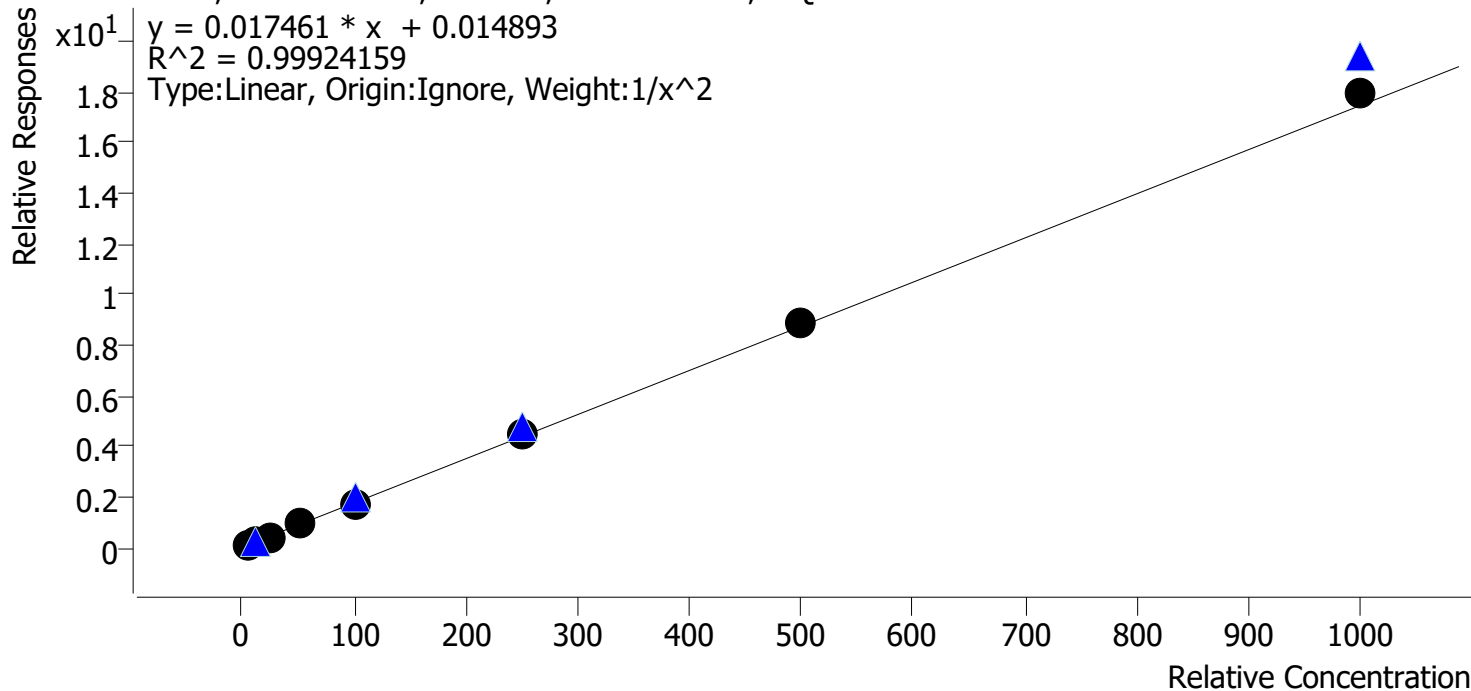
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.1	101.3
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1028.2	102.8

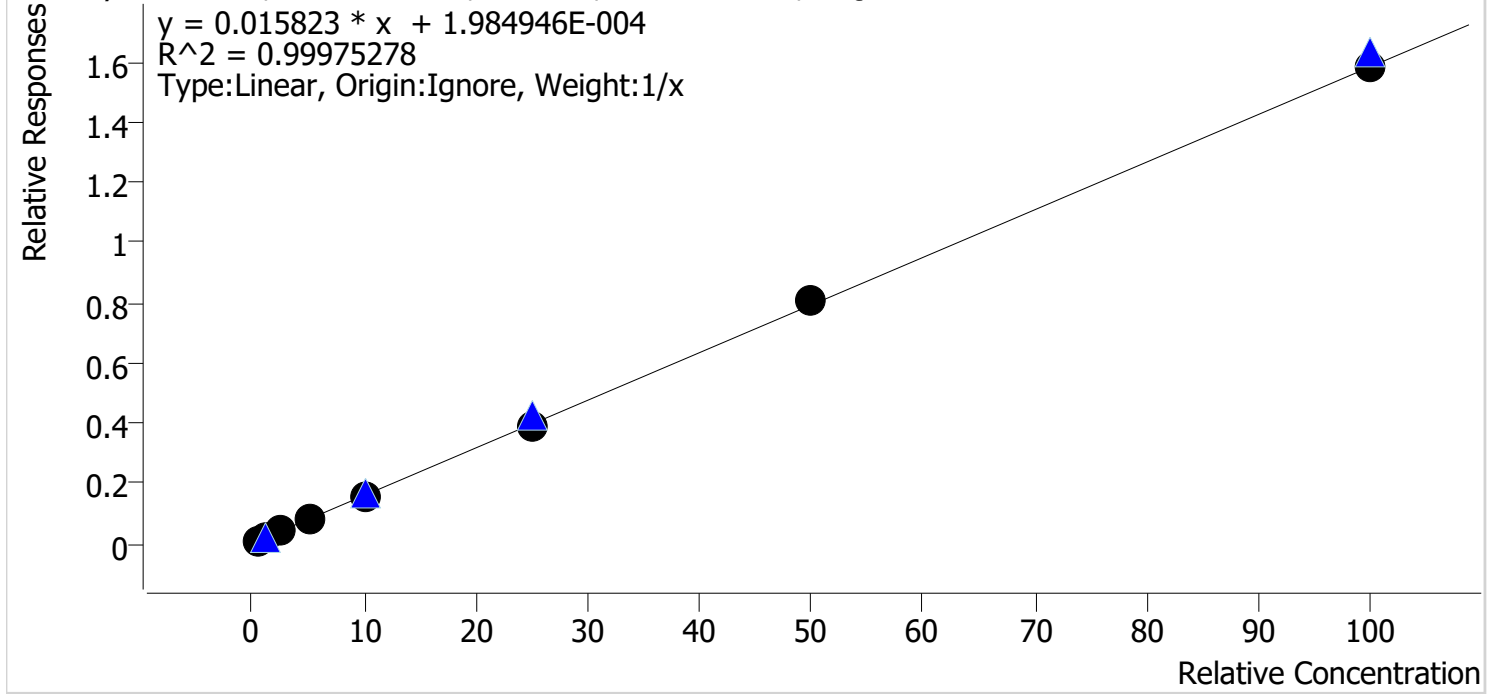
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.7
p1 Cal 2-10ng	2	✓	1.0	1.0	102.4
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.1
p1 Cal 4-50ng	4	✓	5.0	5.1	101.8
p1 Cal 5-100ng	5	✓	10.0	9.7	97.5
p1 Cal 6-250ng	6	✓	25.0	24.2	96.9
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	100.3	100.3

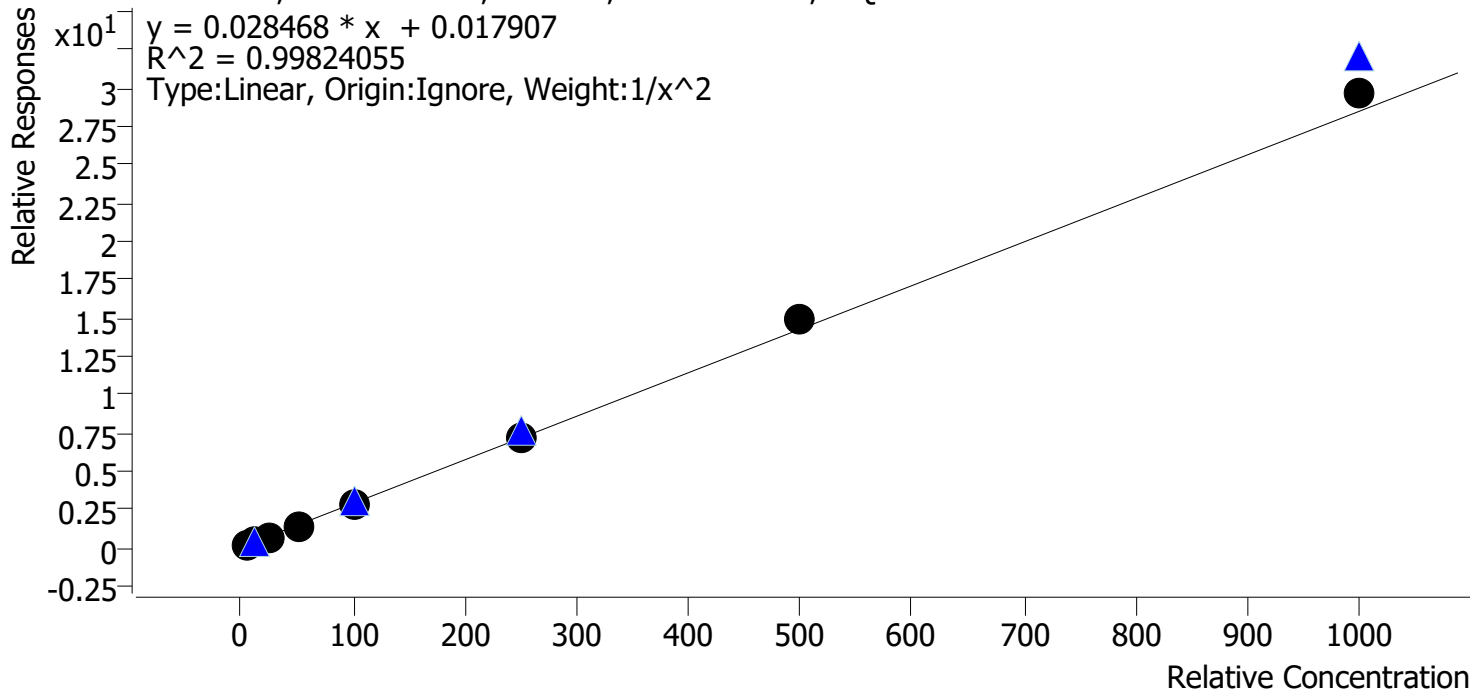
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



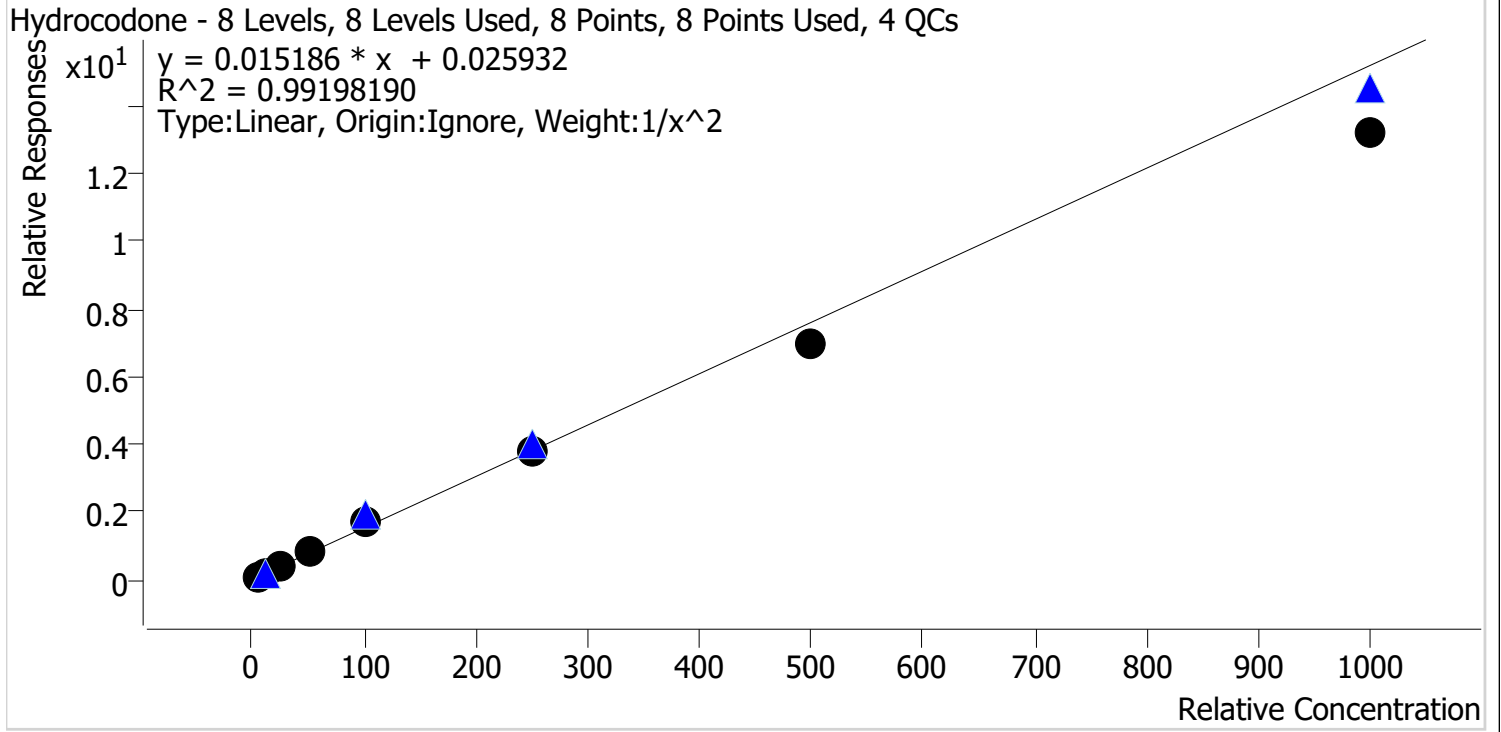
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	525.5	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1041.4	104.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	53.6	107.3
p1 Cal 5-100ng	5	✓	100.0	108.8	108.8
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	458.9	91.8
p1 Cal 8-1000ng	8	✓	1000.0	868.4	86.8

Compound reported qualitatively due to QC 100 accuracy being outside acceptable parameters.

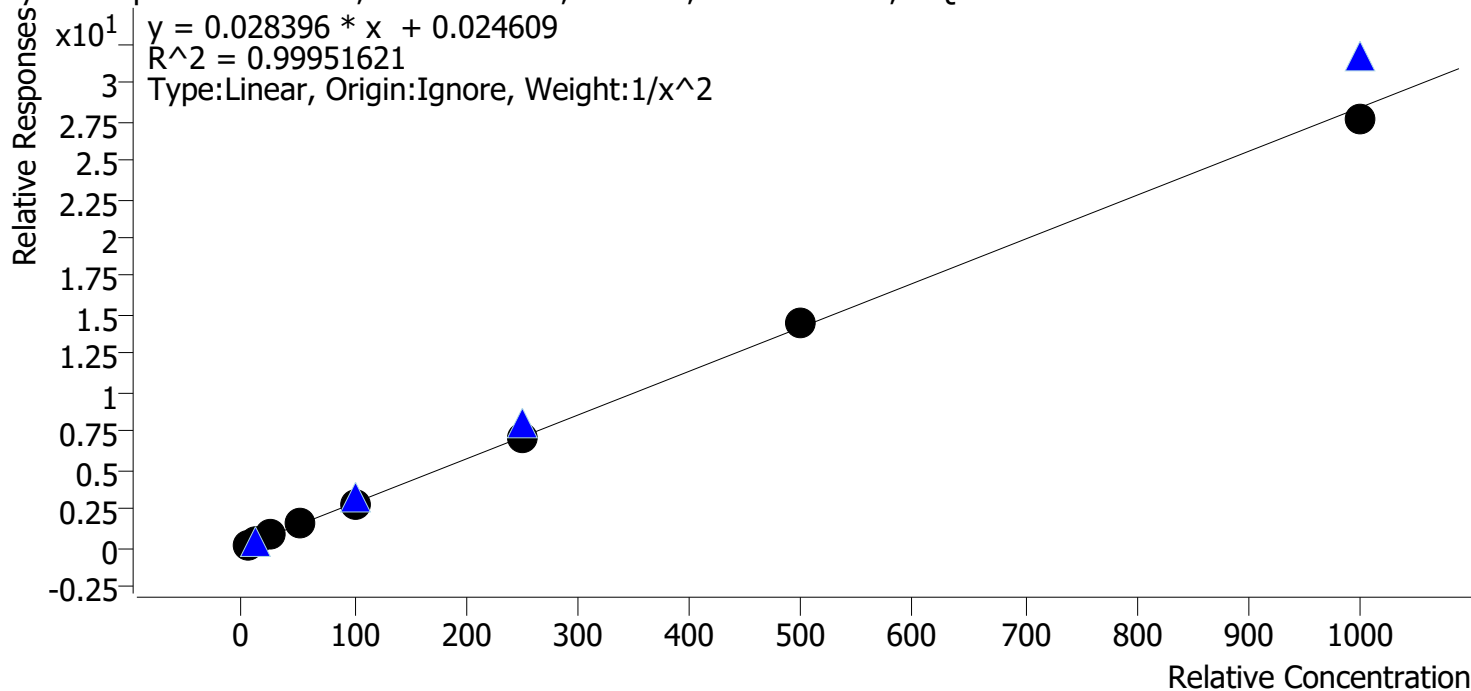
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



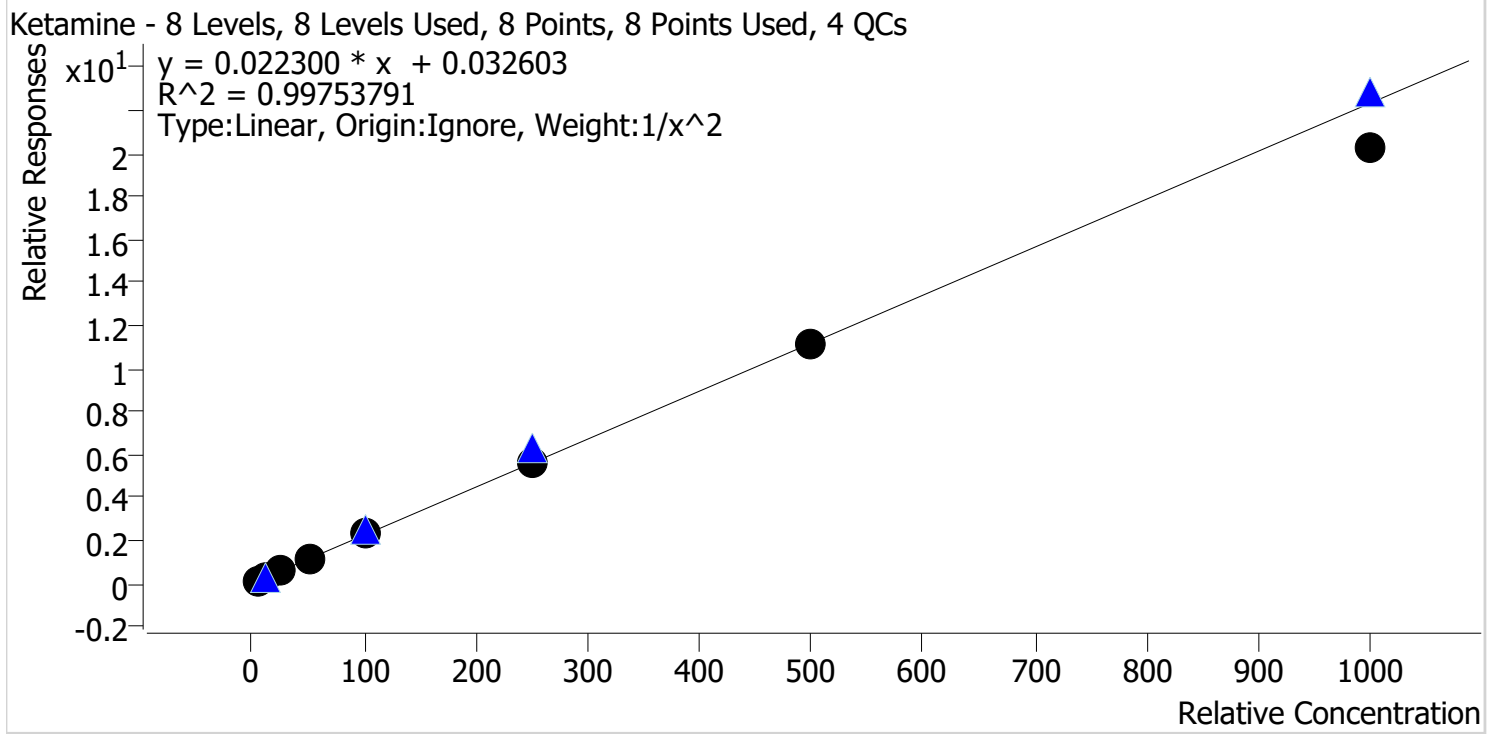
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	976.2	97.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



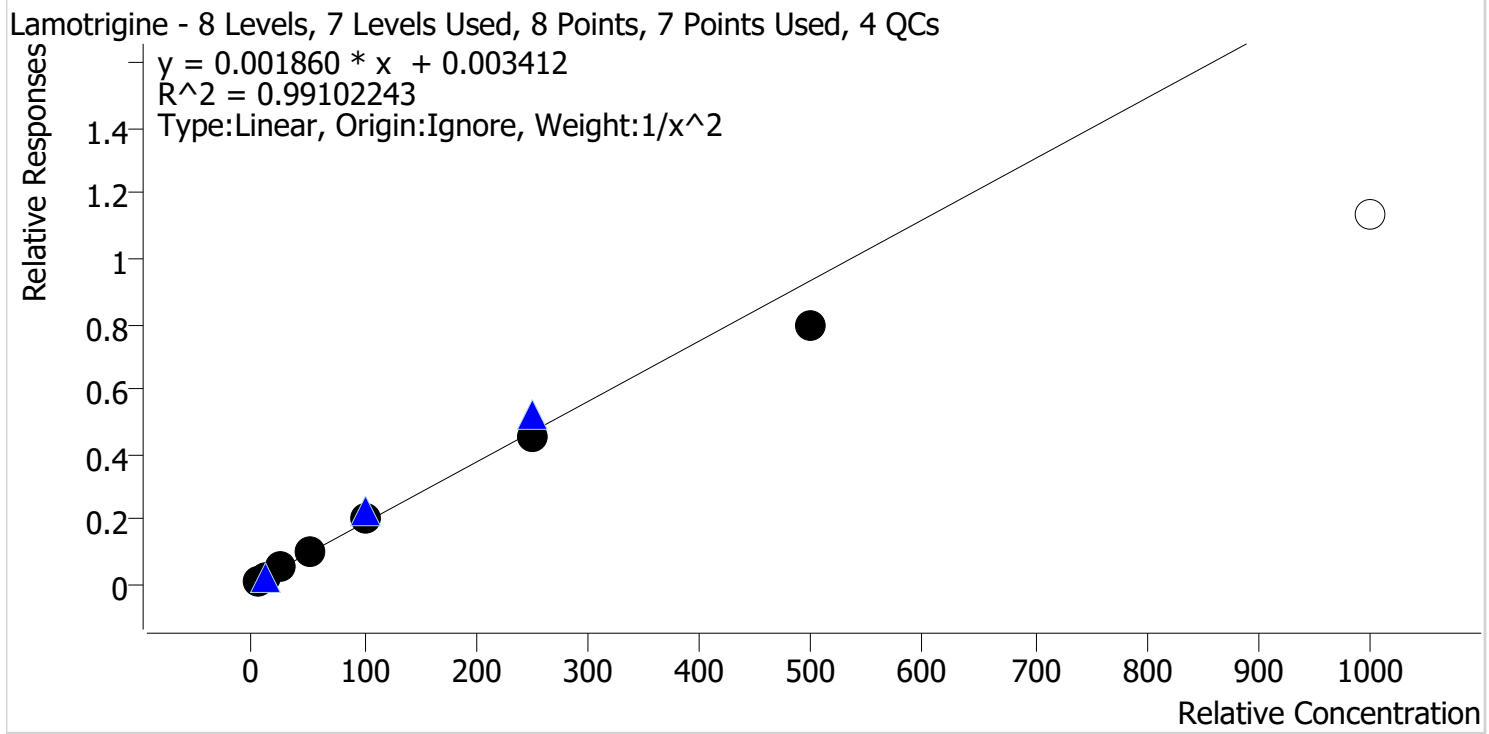
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng	8	✓	1000.0	906.5	90.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	241.4	96.6
p1 Cal 7-500ng	7	✓	500.0	425.8	85.2
p1 Cal 8-1000ng	8	✗	1000.0	608.7	60.9

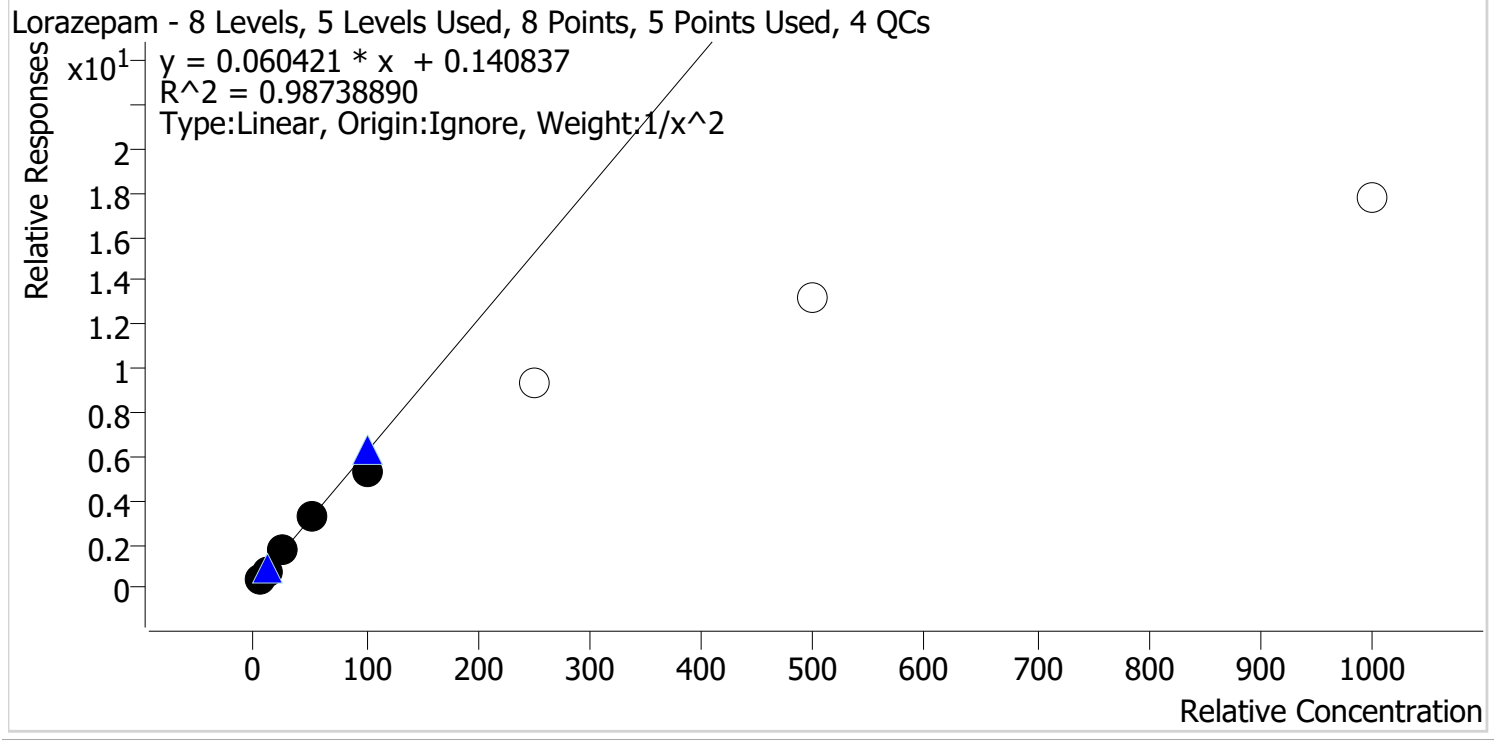
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	86.3	86.3
p1 Cal 6-250ng	6	✗	250.0	151.2	60.5
p1 Cal 7-500ng	7	✗	500.0	218.1	43.6
p1 Cal 8-1000ng	8	✗	1000.0	291.9	29.2

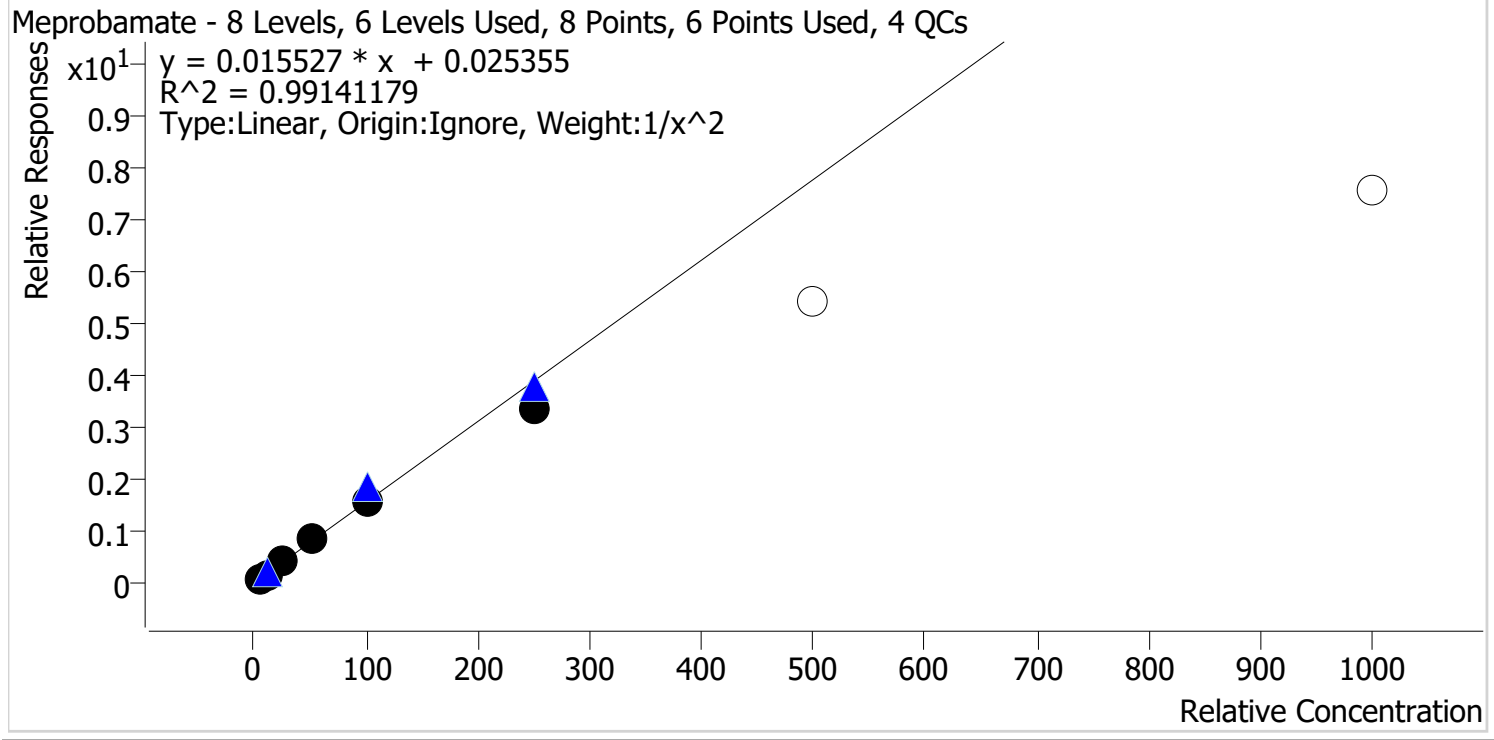
Calibrator 6, 7, and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	216.0	86.4
p1 Cal 7-500ng	7	x	500.0	347.9	69.6
p1 Cal 8-1000ng	8	x	1000.0	487.7	48.8

Calibrator 7 and 8 dropped due to accuracy.

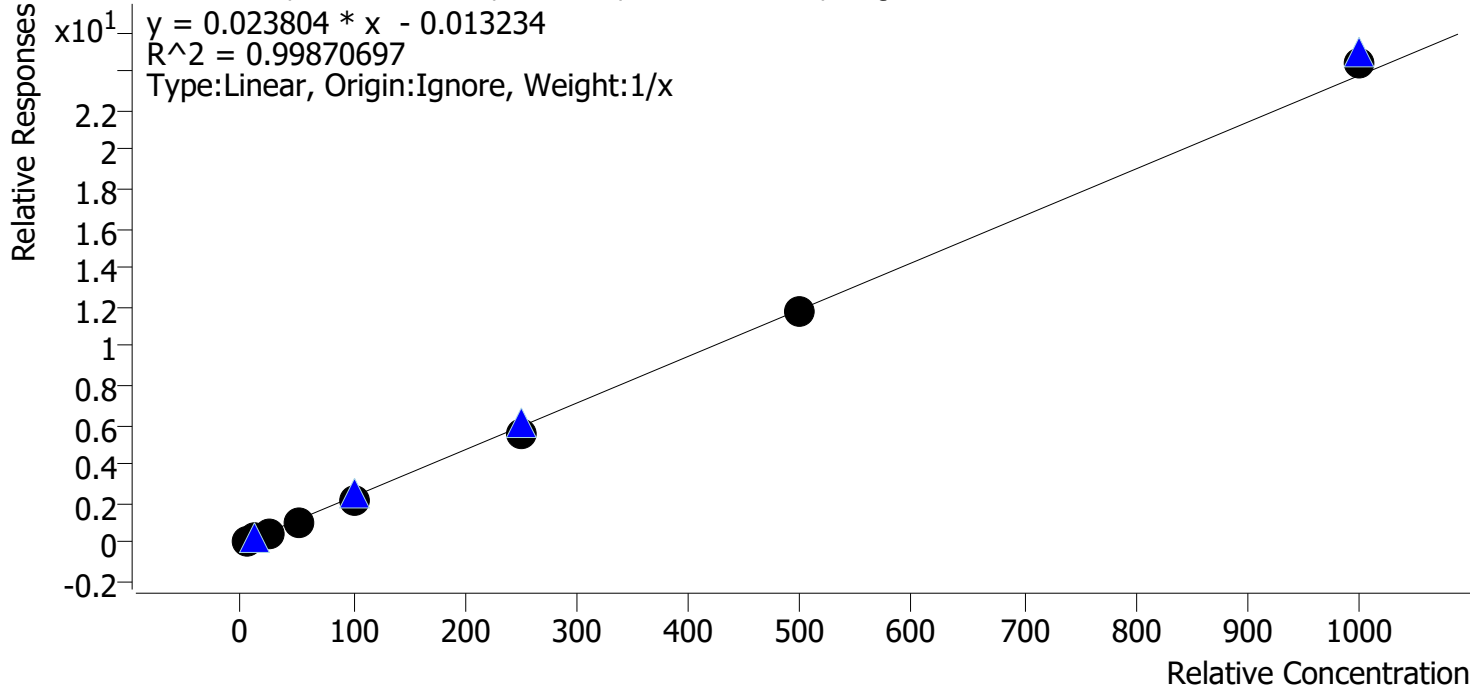
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



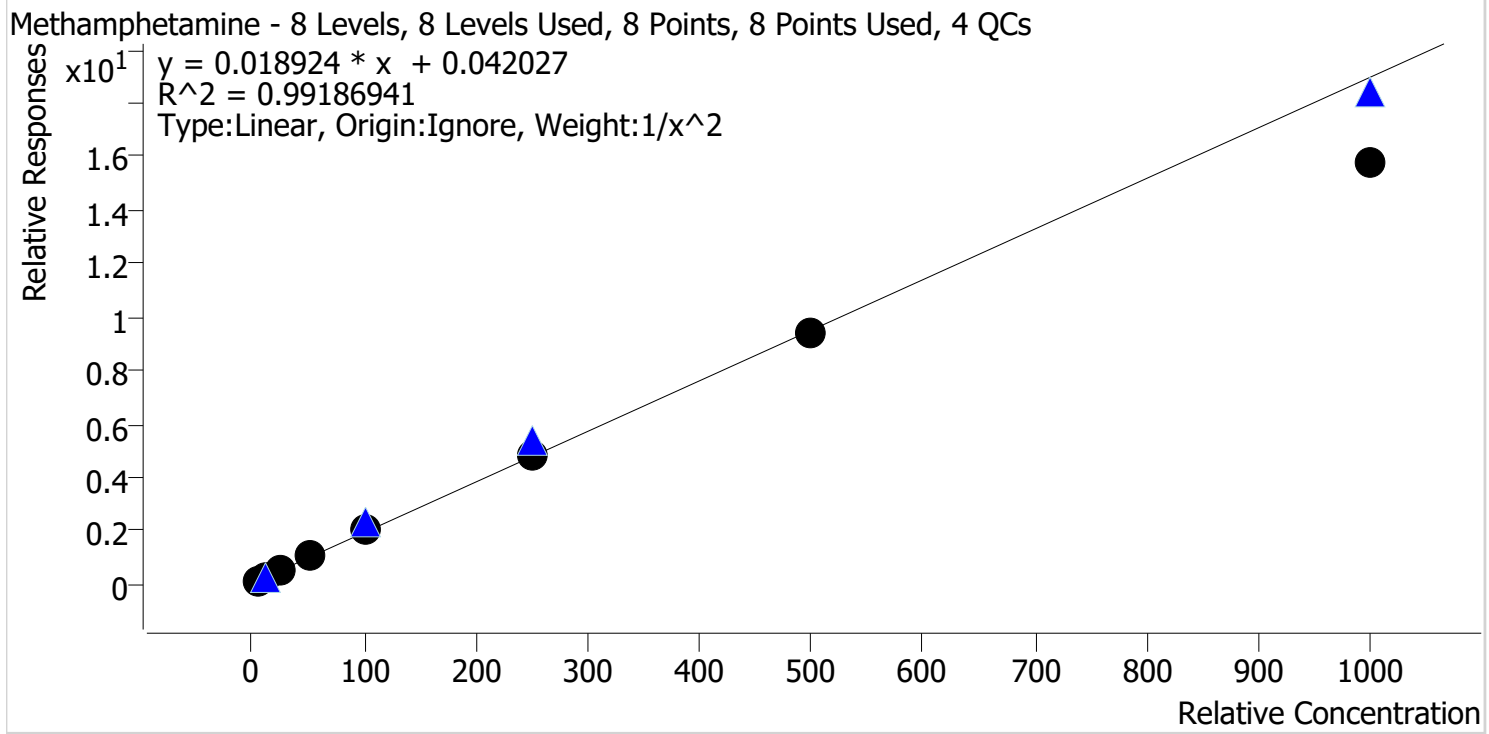
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	46.8	93.6
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	237.4	95.0
p1 Cal 7-500ng	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1027.8	102.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



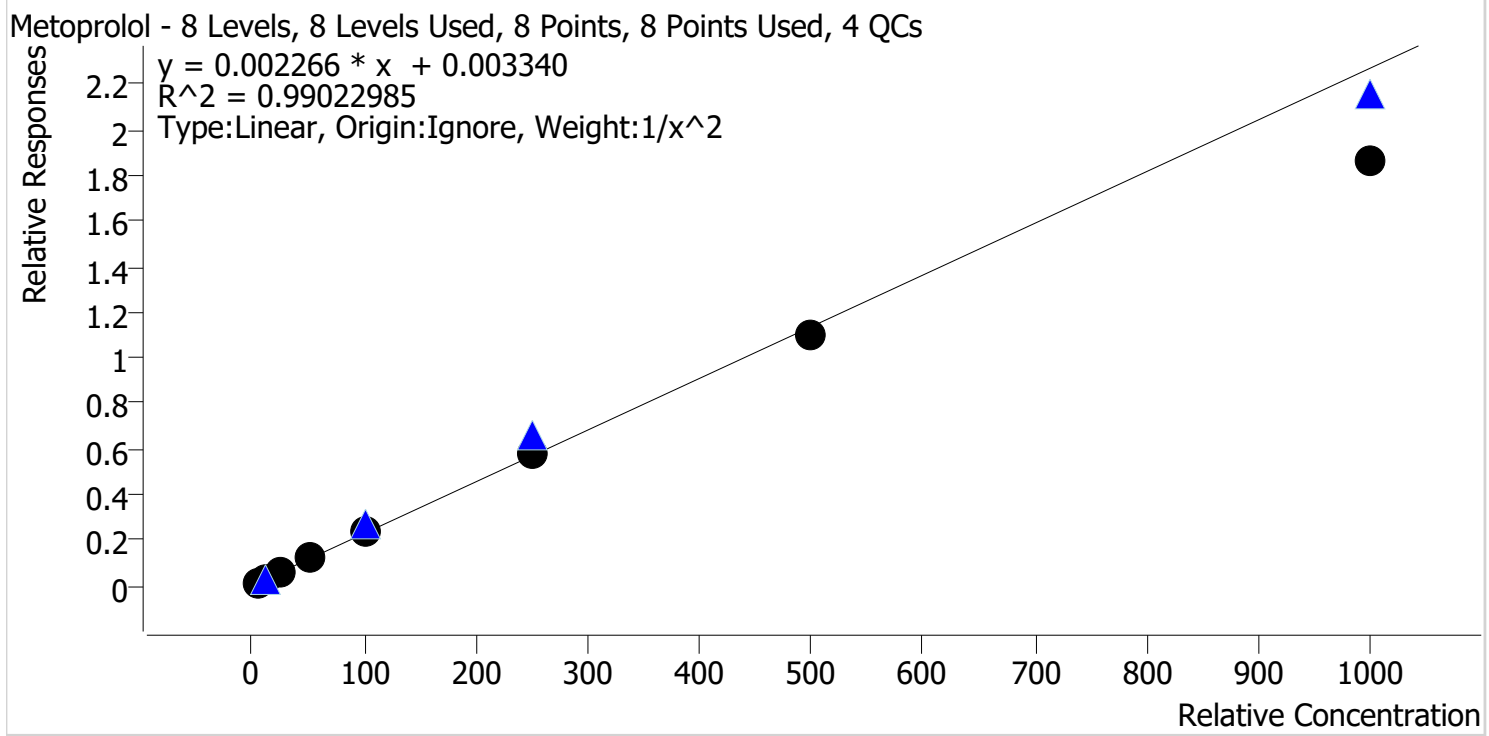
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	828.4	82.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



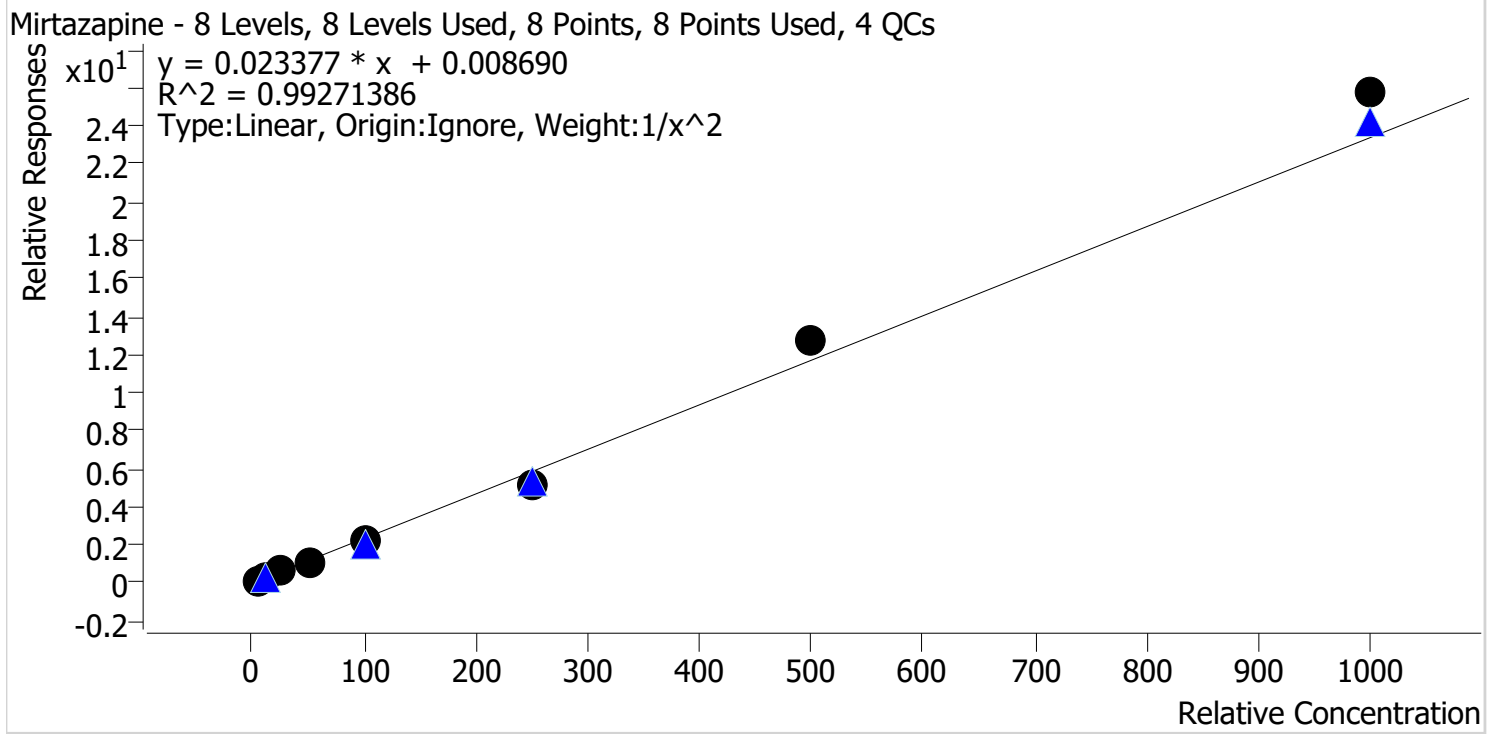
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	483.0	96.6
p1 Cal 8-1000ng	8	✓	1000.0	819.1	81.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



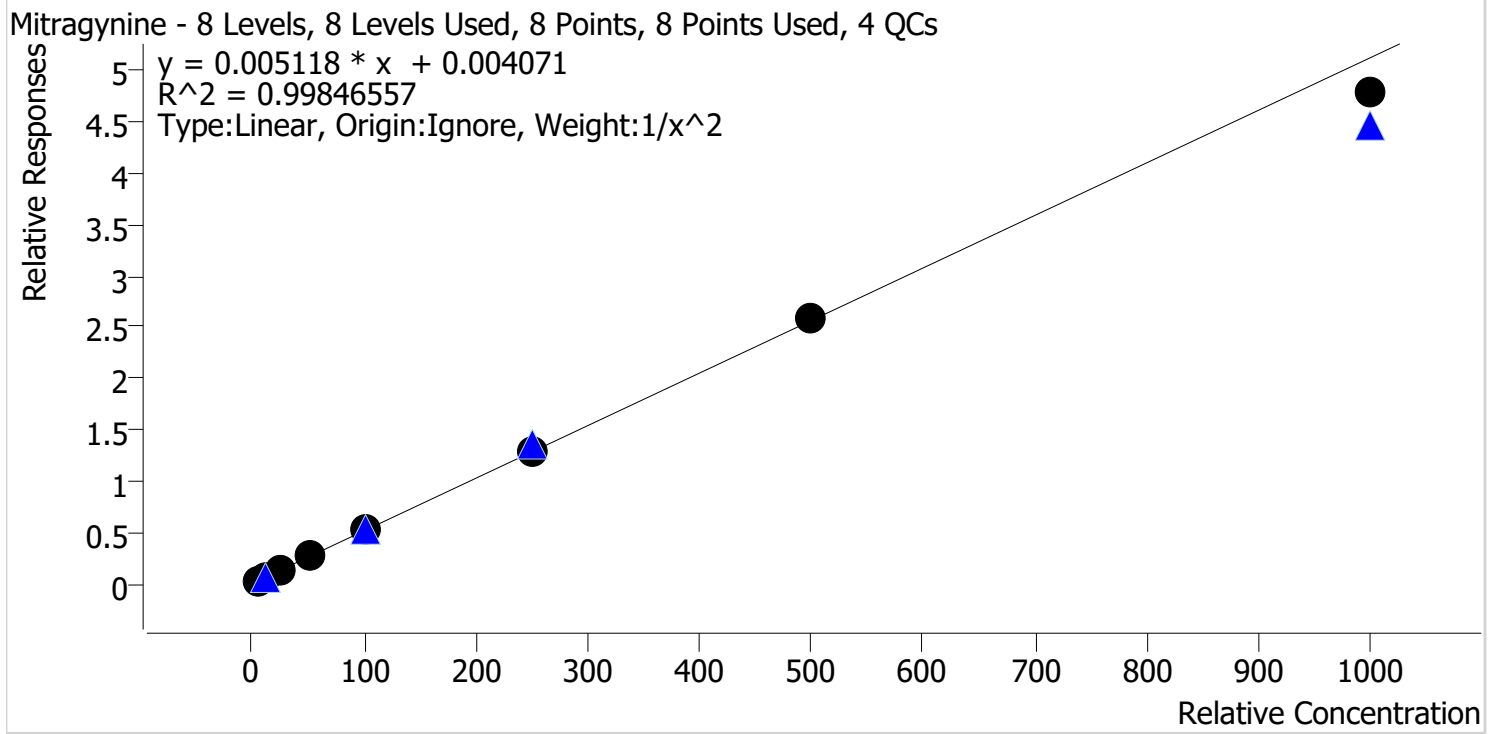
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	223.5	89.4
p1 Cal 7-500ng	7	✓	500.0	545.9	109.2
p1 Cal 8-1000ng	8	✓	1000.0	1101.1	110.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



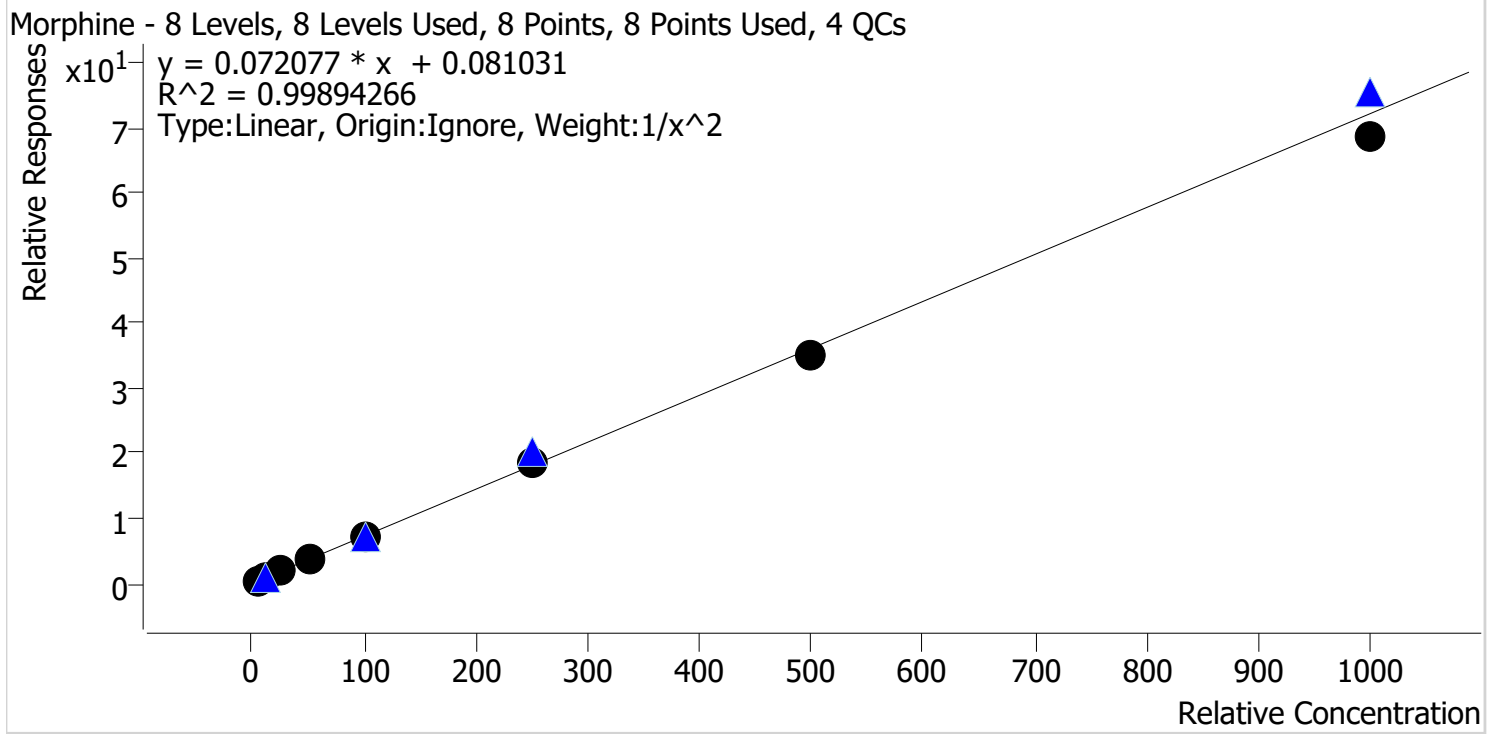
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	933.7	93.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng	8	✓	1000.0	948.3	94.8

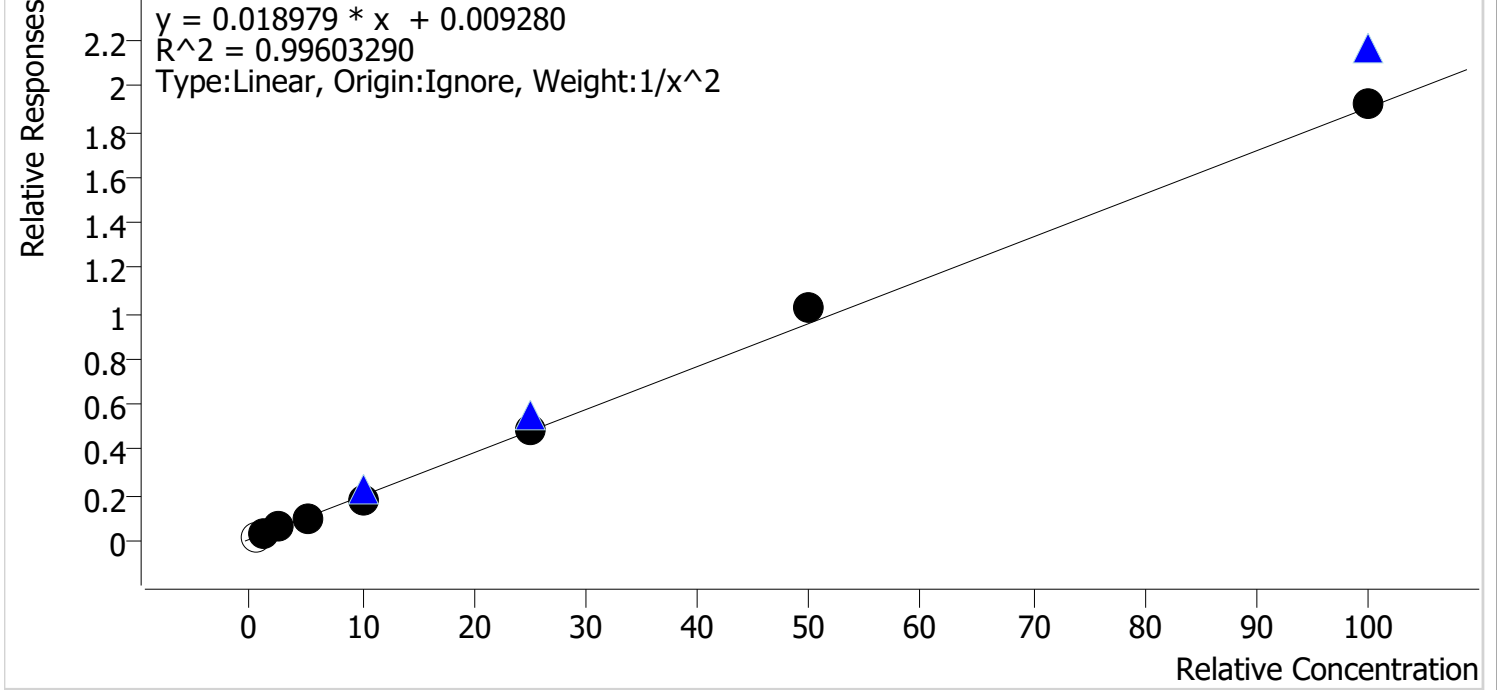


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.5	105.1
p1 Cal 2-10ng	2	✓	1.0	1.0	100.8
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.4
p1 Cal 4-50ng	4	✓	5.0	4.7	94.3
p1 Cal 5-100ng	5	✓	10.0	9.2	91.8
p1 Cal 6-250ng	6	✓	25.0	25.3	101.3
p1 Cal 7-500ng	7	✓	50.0	54.1	108.1
p1 Cal 8-1000ng	8	✓	100.0	101.3	101.3

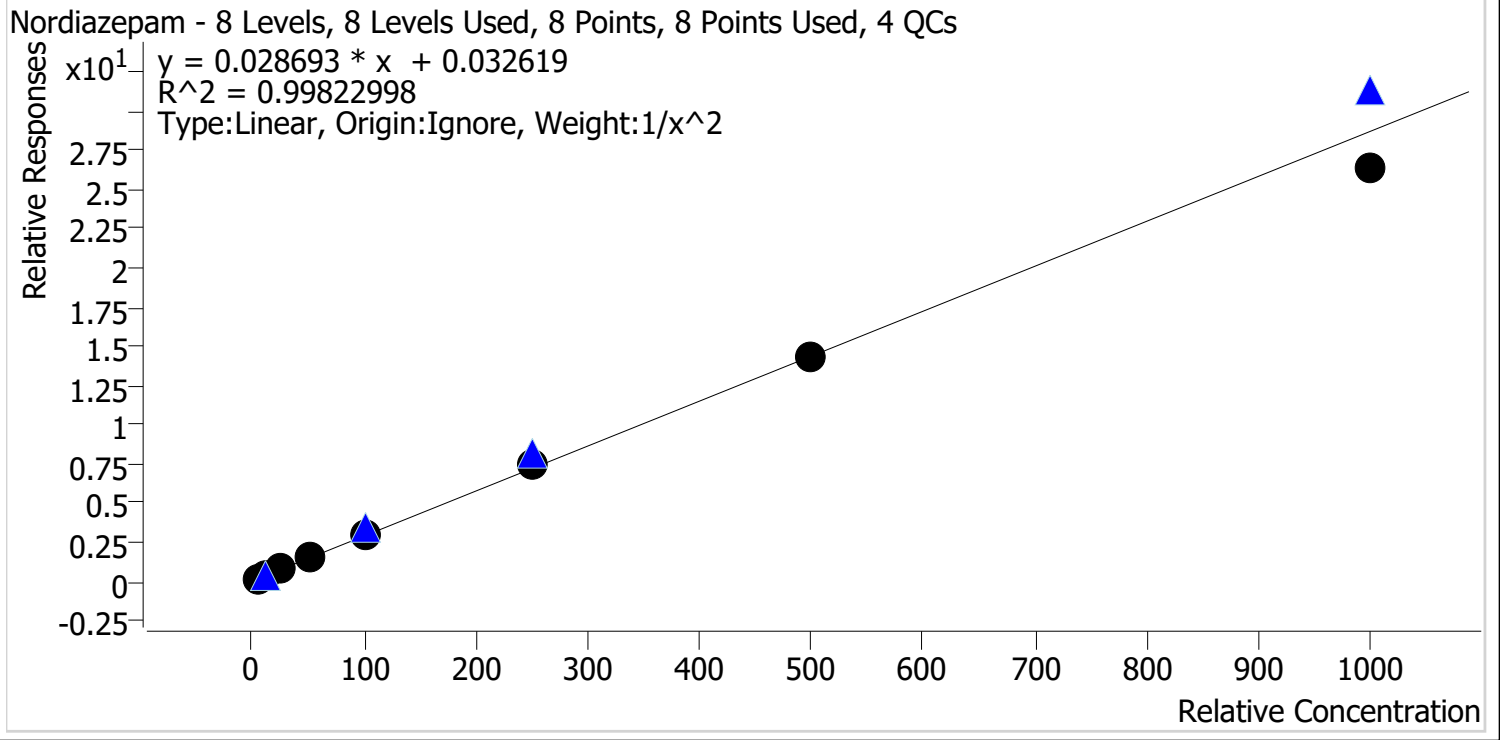
Calibrator 1 dropped due to ratio being outside parameters.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



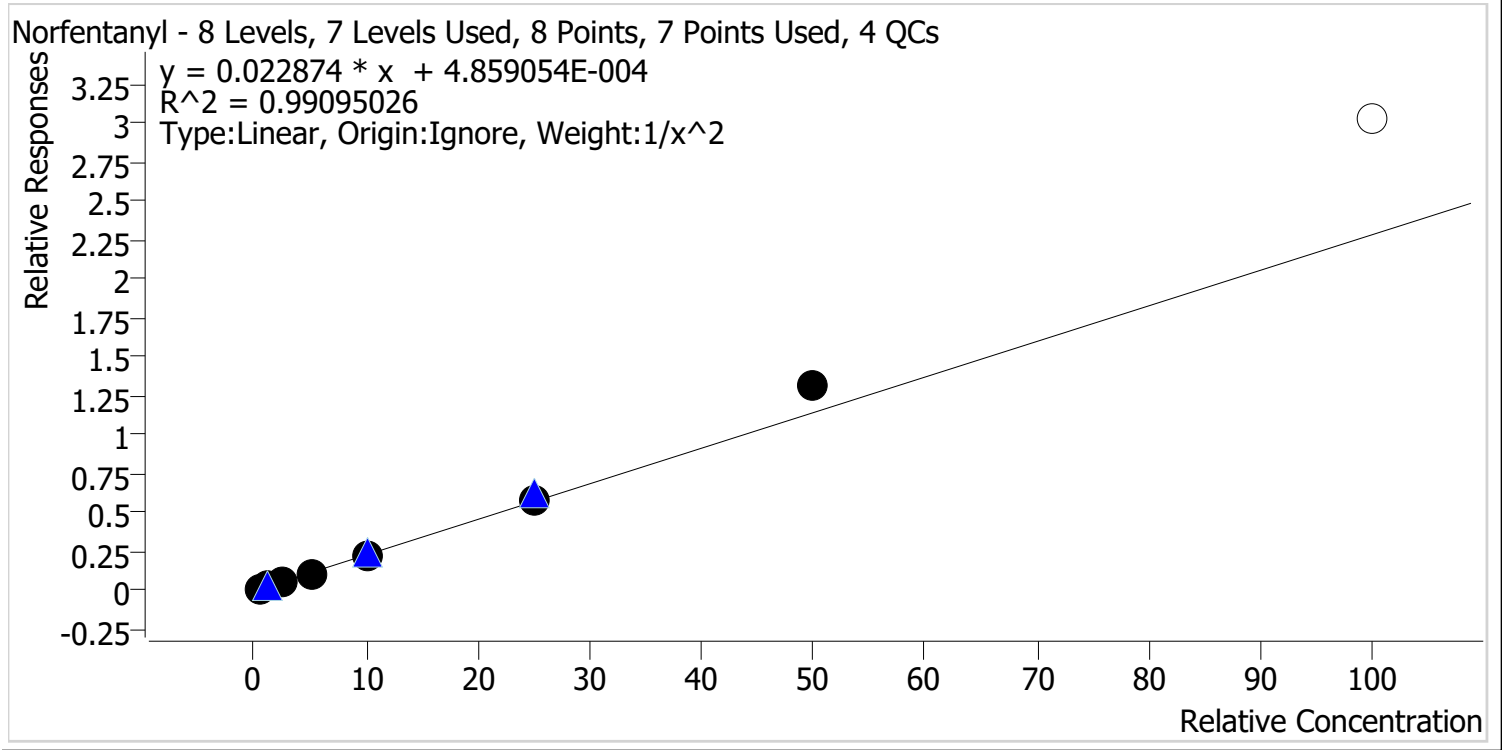
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	496.4	99.3
p1 Cal 8-1000ng	8	✓	1000.0	921.9	92.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	103.4
p1 Cal 2-10ng	2	✓	1.0	1.0	97.2
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.0
p1 Cal 4-50ng	4	✓	5.0	4.8	95.6
p1 Cal 5-100ng	5	✓	10.0	9.3	92.9
p1 Cal 6-250ng	6	✓	25.0	25.5	102.2
p1 Cal 7-500ng	7	✓	50.0	57.9	115.7
p1 Cal 8-1000ng	8	✗	100.0	132.9	132.9

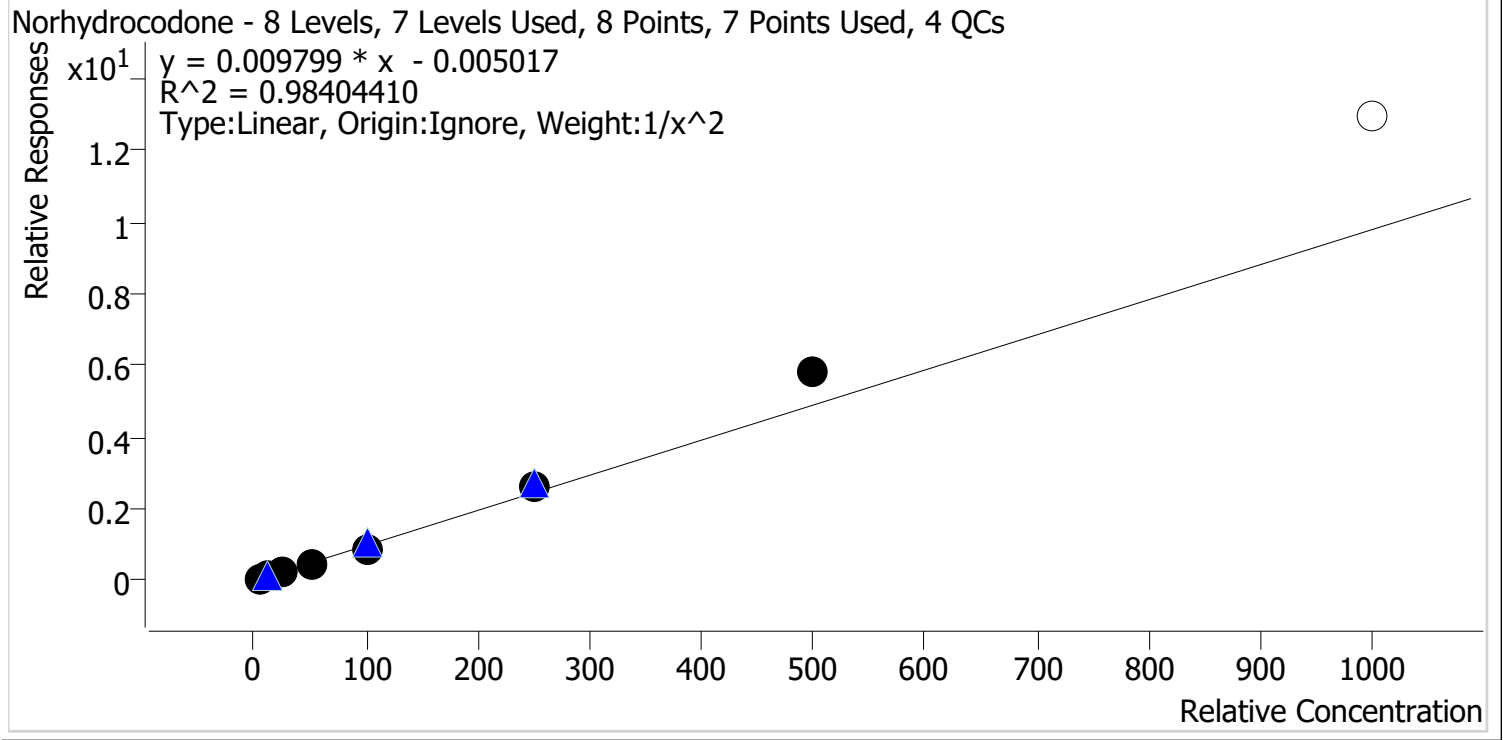
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.7
p1 Cal 4-50ng	4	✓	50.0	45.5	91.0
p1 Cal 5-100ng	5	✓	100.0	92.0	92.0
p1 Cal 6-250ng	6	✓	250.0	263.7	105.5
p1 Cal 7-500ng	7	✓	500.0	599.5	119.9
p1 Cal 8-1000ng	8	✗	1000.0	1323.5	132.4

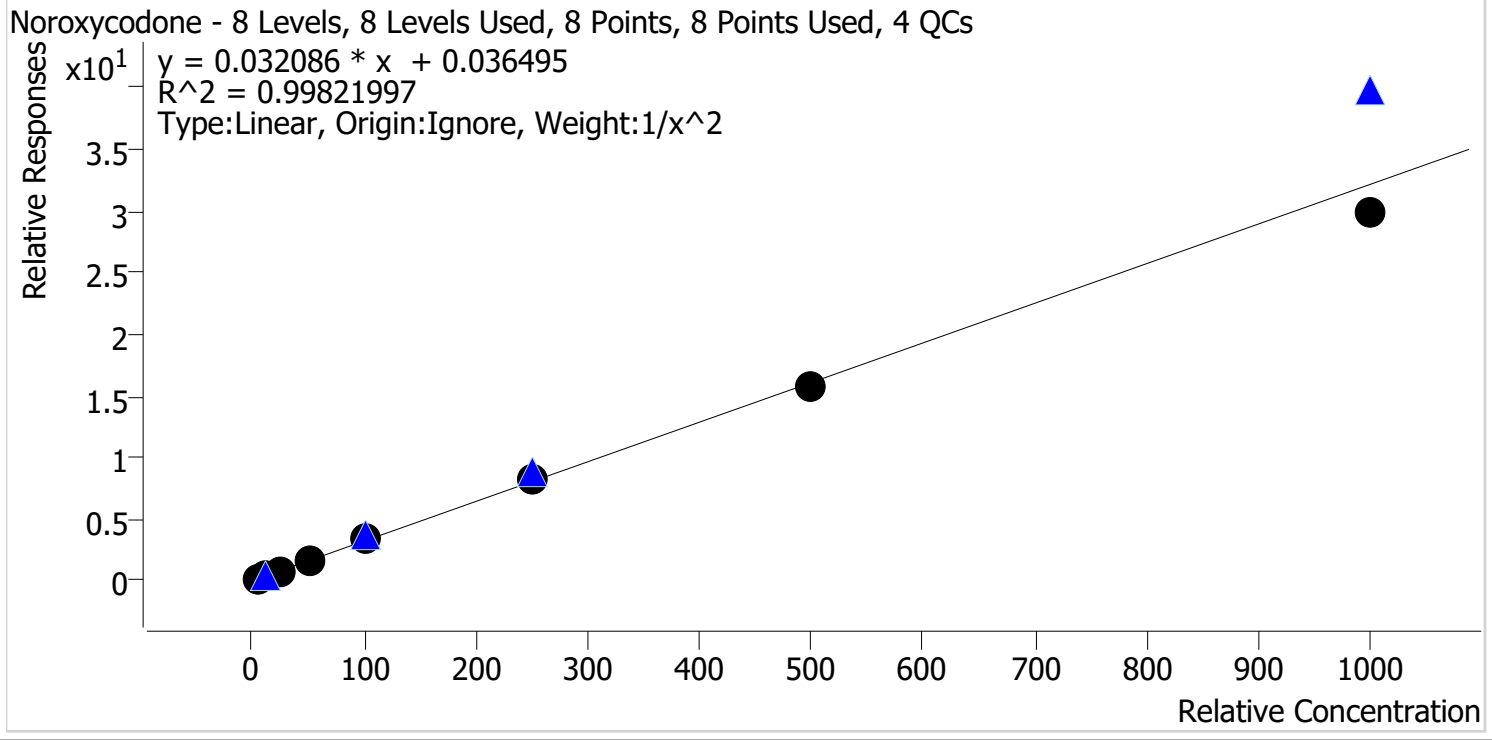
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	488.6	97.7
p1 Cal 8-1000ng	8	✓	1000.0	933.5	93.4

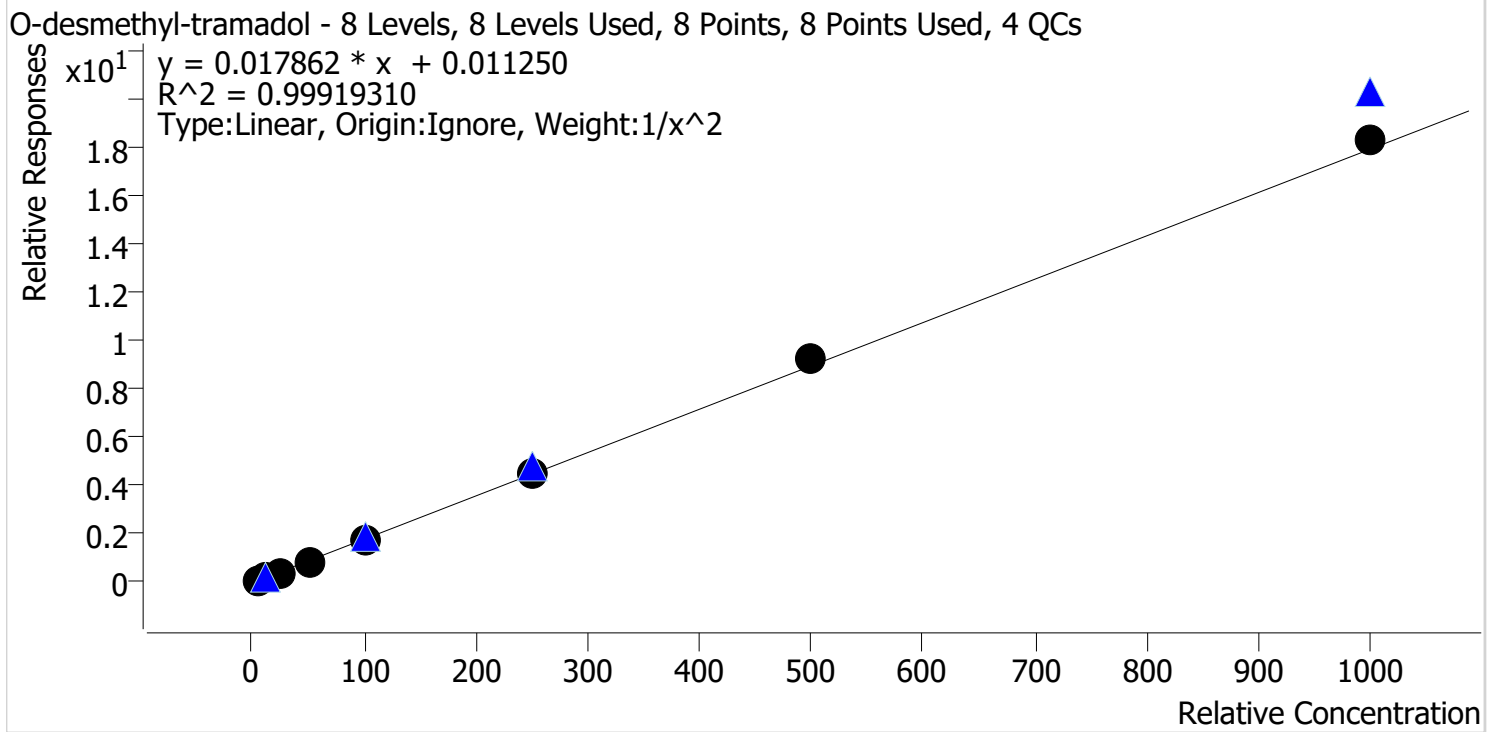
Compound reported qualitatively due to QC 1000 accuracy being outside acceptable parameters.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1023.7	102.4

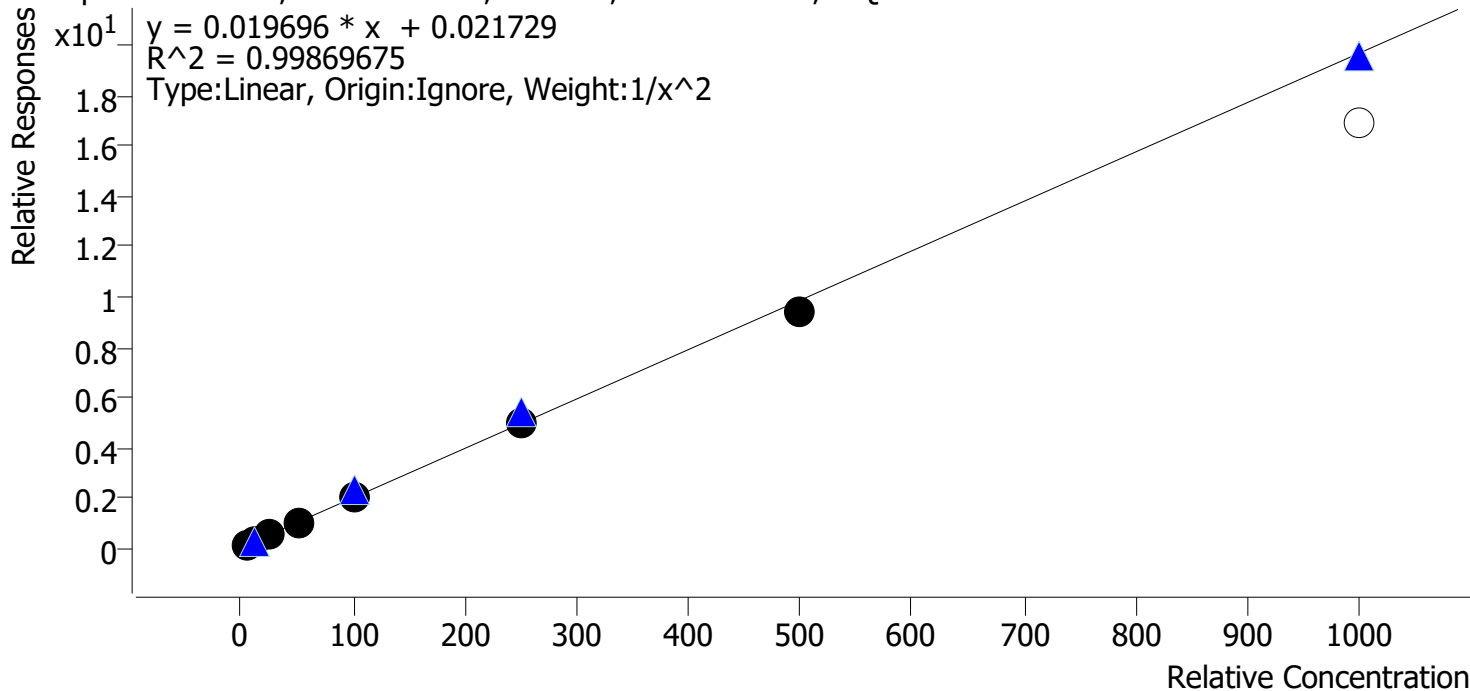
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	473.6	94.7
p1 Cal 8-1000ng	8	✗	1000.0	856.8	85.7

Calibrator 8 dropped due to QC accuracy.

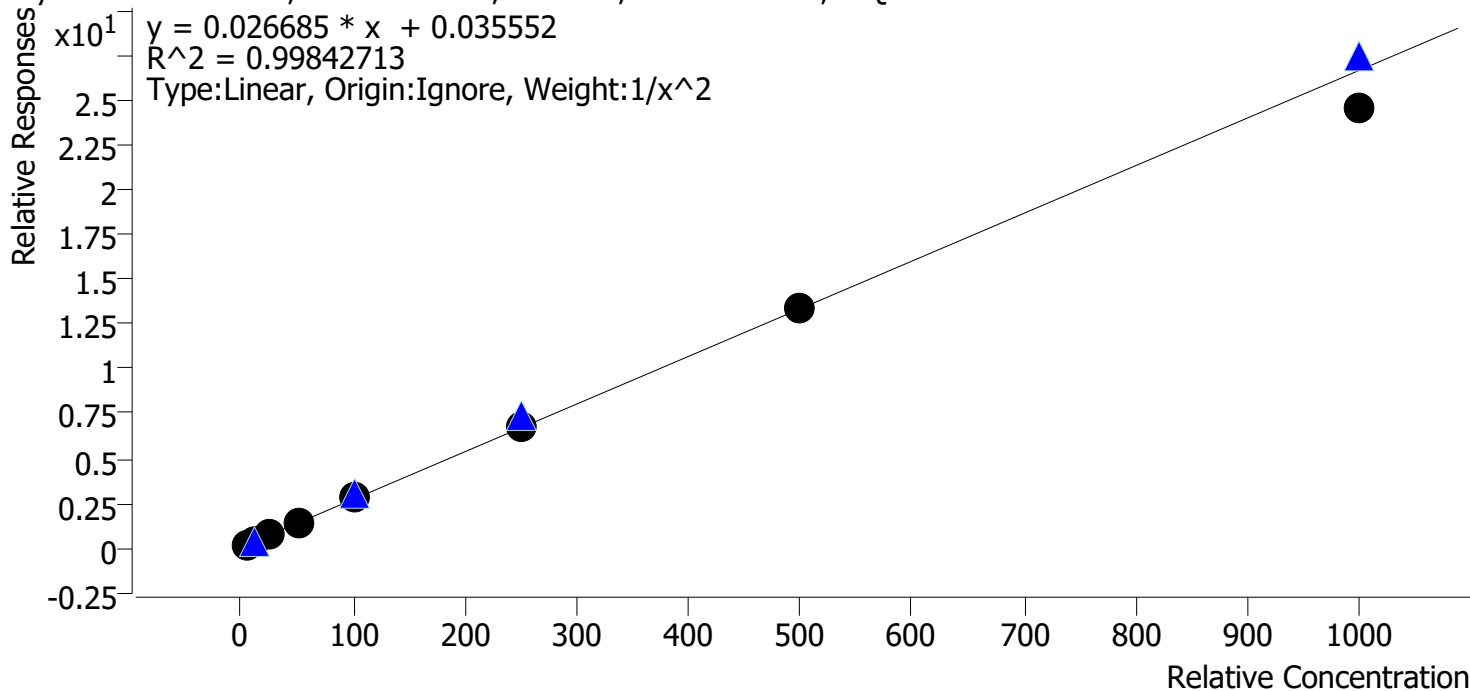
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	251.6	100.7
p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
p1 Cal 8-1000ng	8	✓	1000.0	923.4	92.3

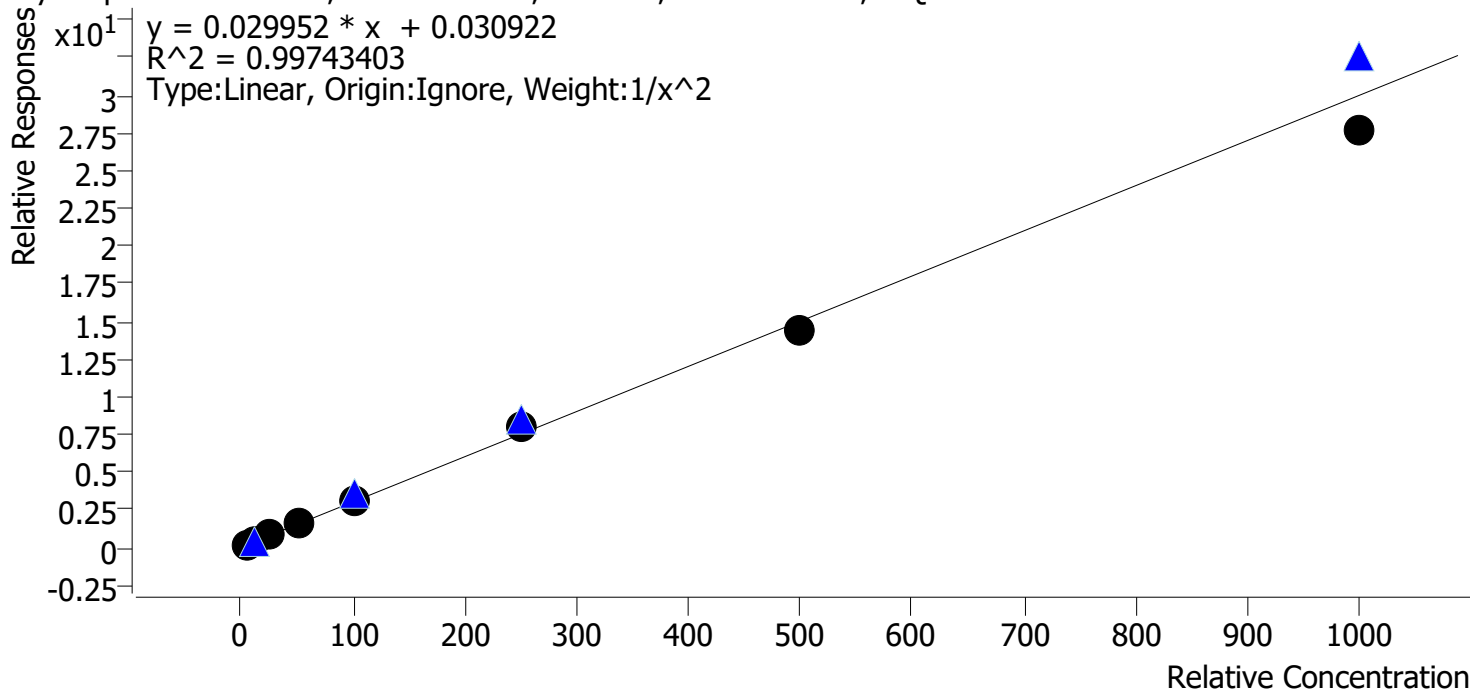
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



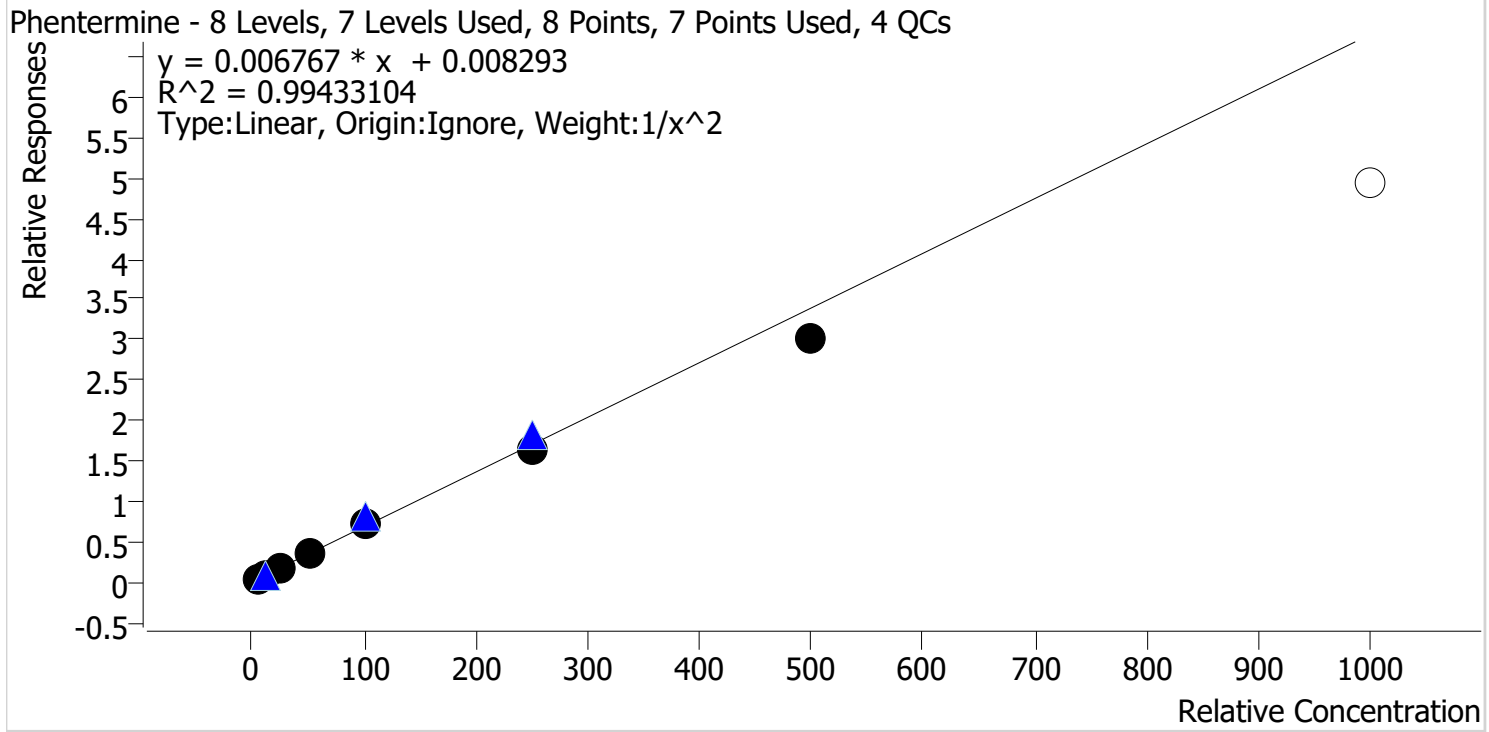
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	265.9	106.4
p1 Cal 7-500ng	7	✓	500.0	482.8	96.6
p1 Cal 8-1000ng	8	✓	1000.0	921.6	92.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	443.7	88.7
p1 Cal 8-1000ng	8	✗	1000.0	732.4	73.2

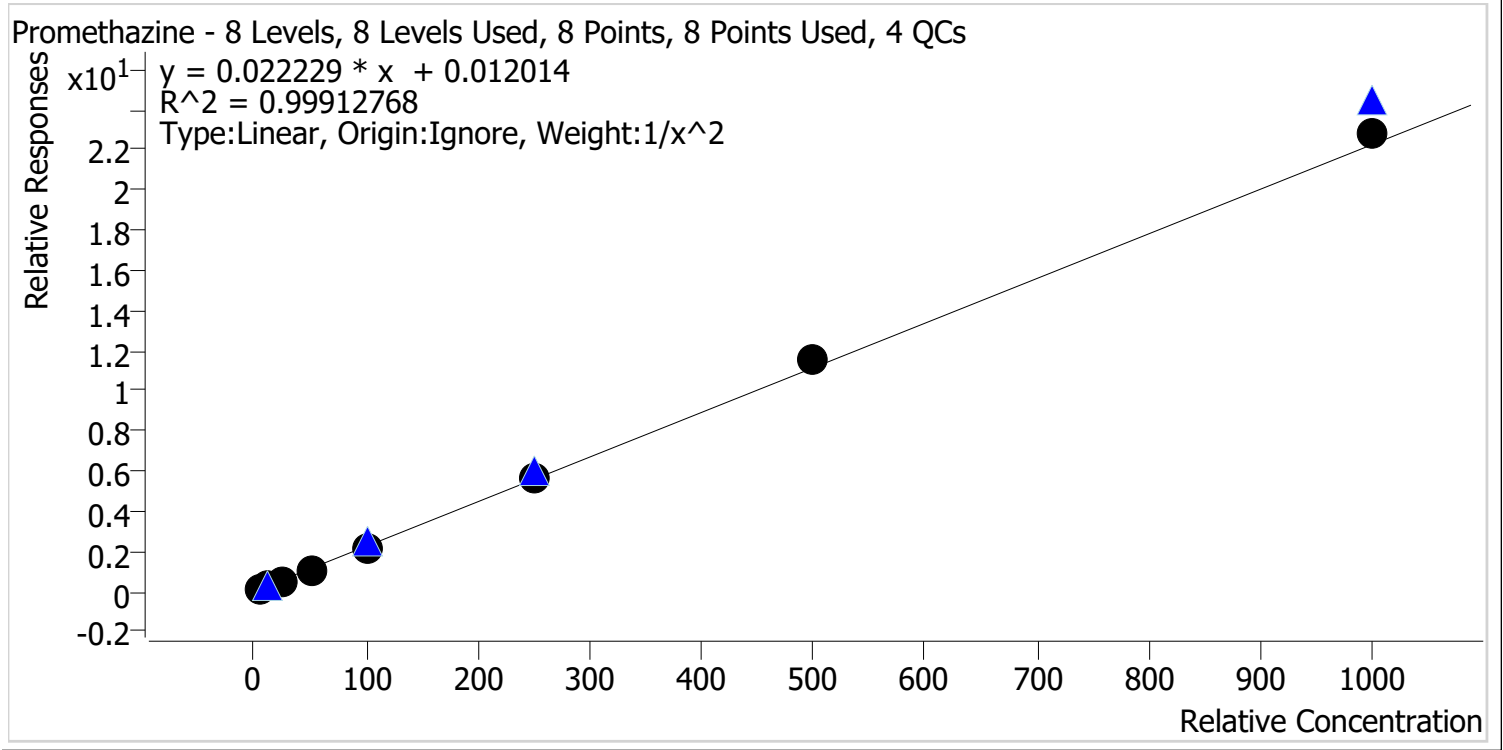
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



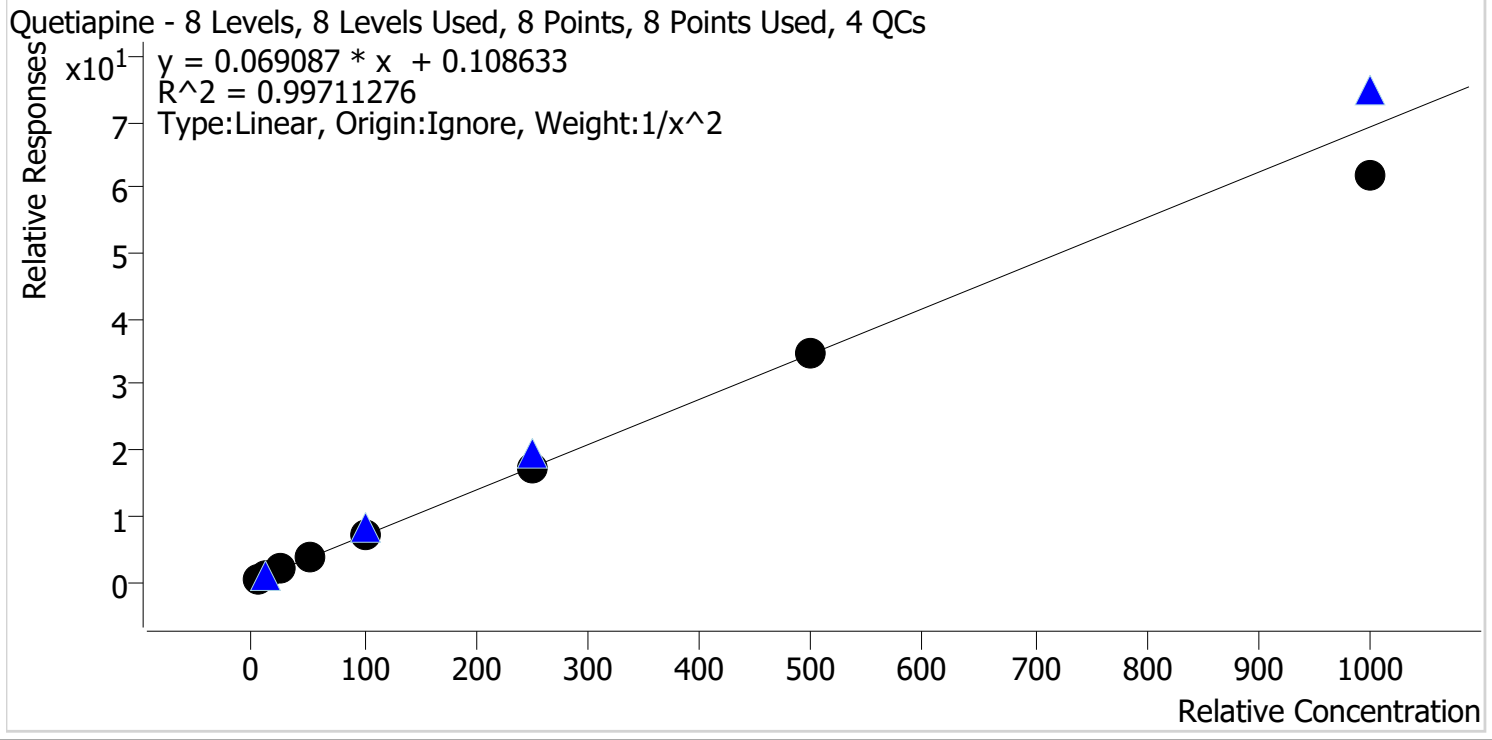
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	521.5	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1024.1	102.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



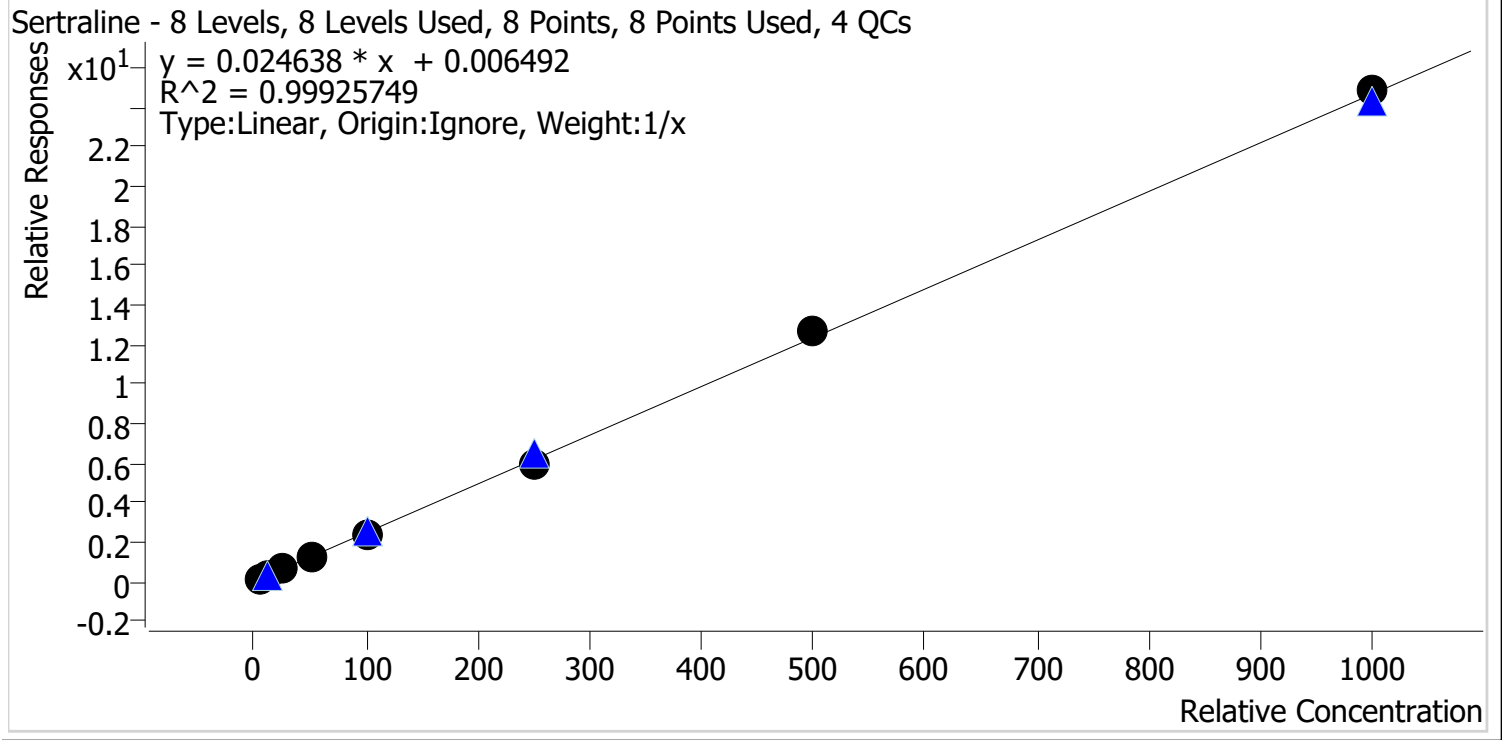
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	897.0	89.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



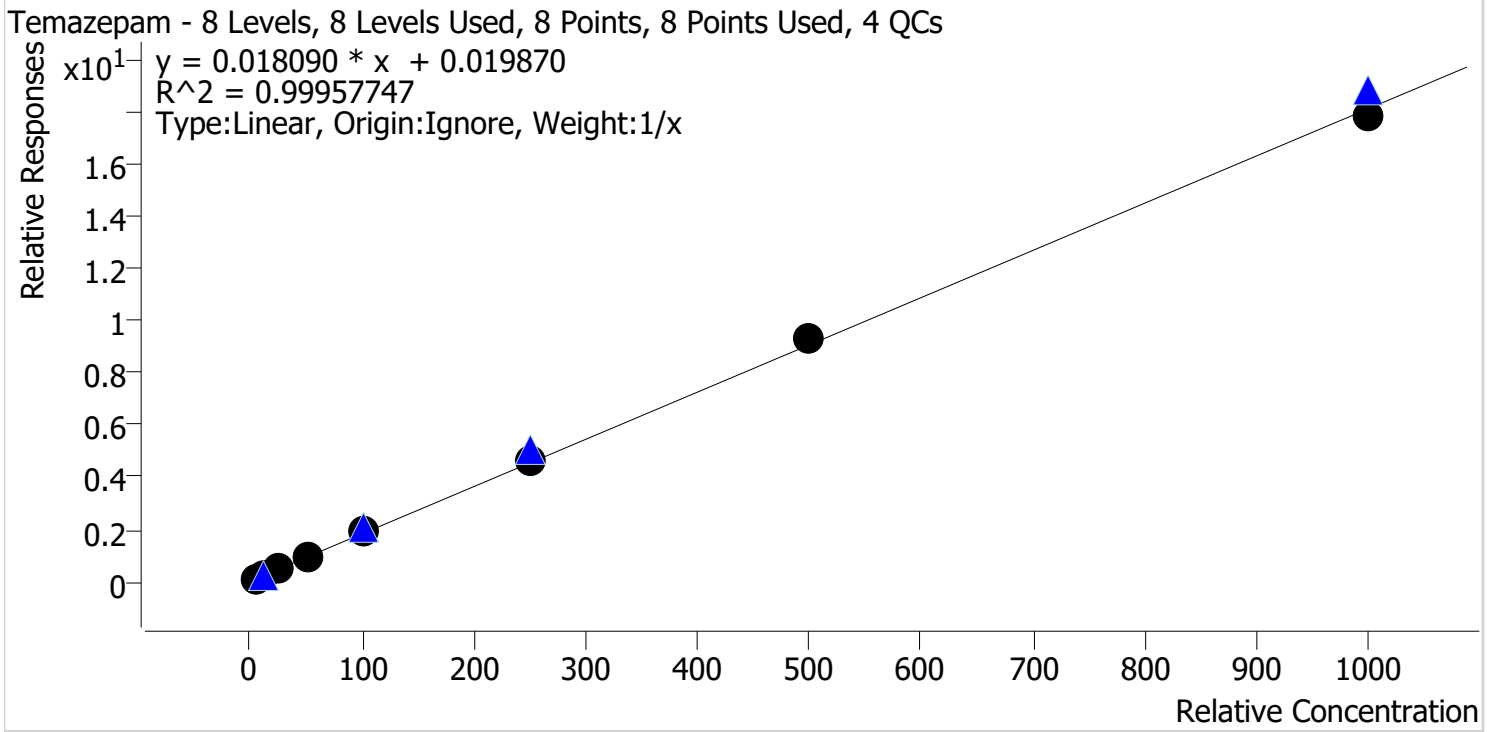
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	240.7	96.3
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1007.2	100.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



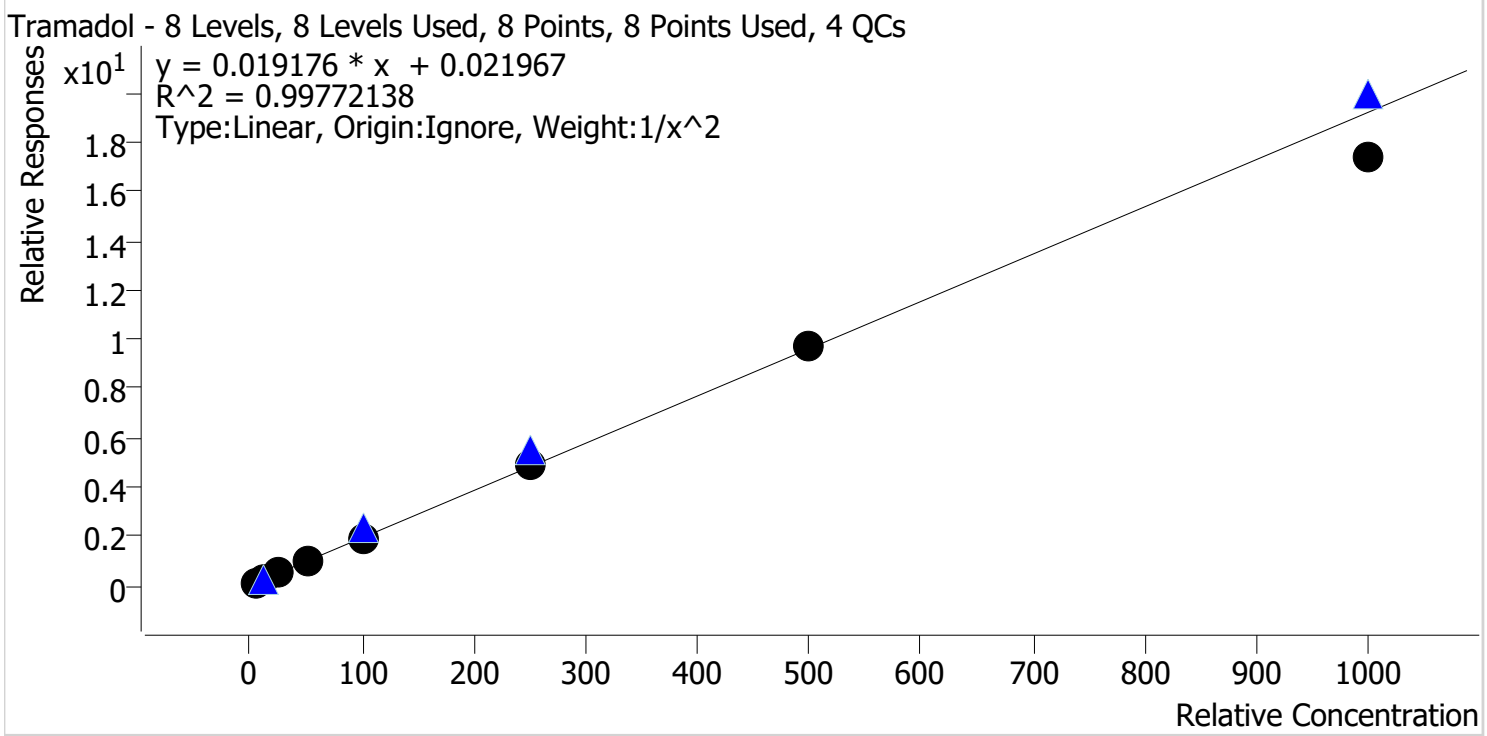
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	982.1	98.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	909.4	90.9

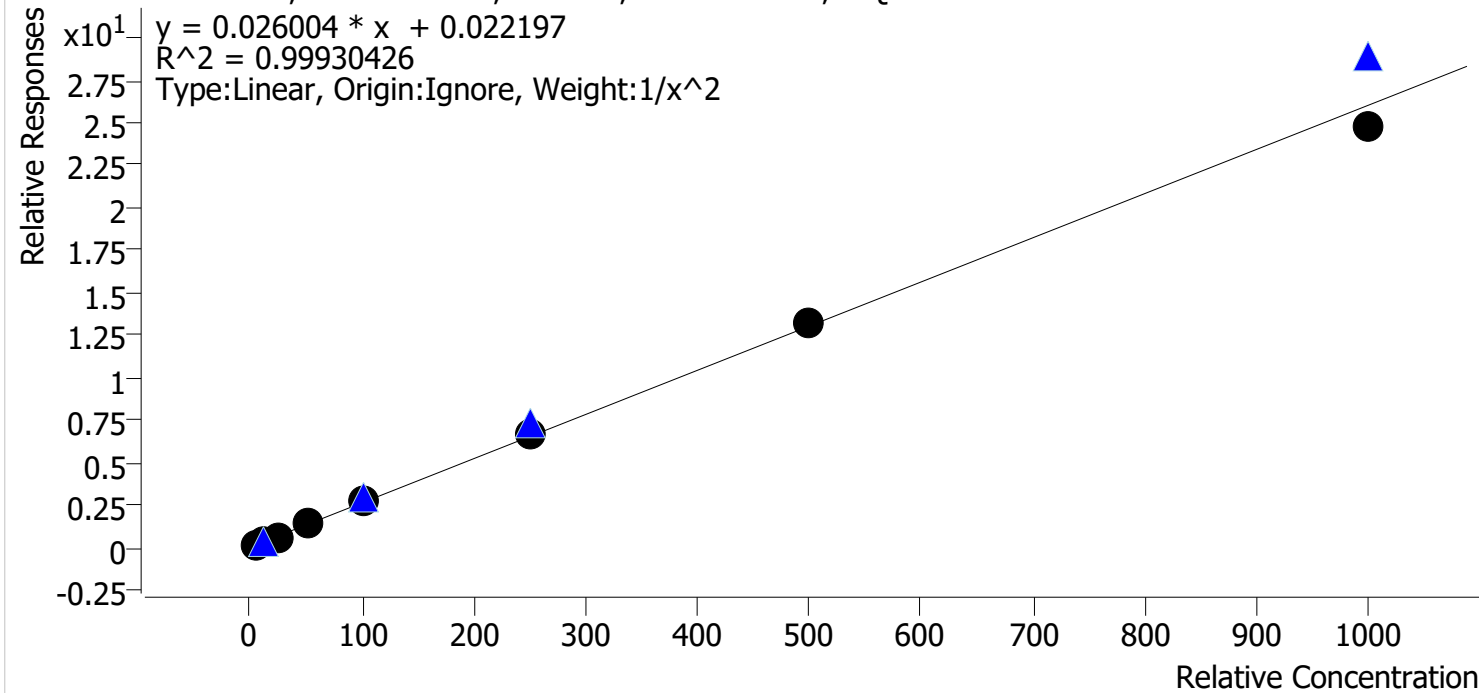
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



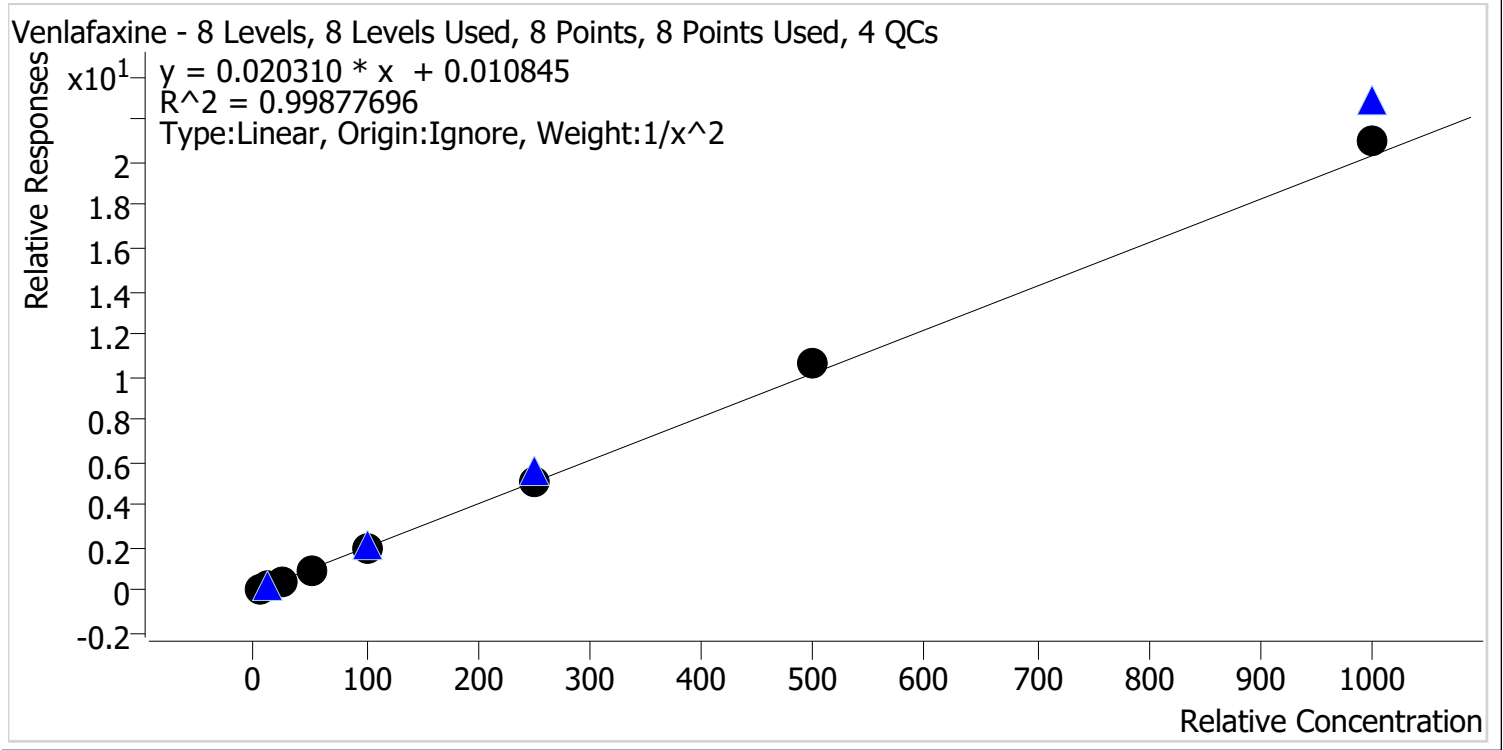
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	955.3	95.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



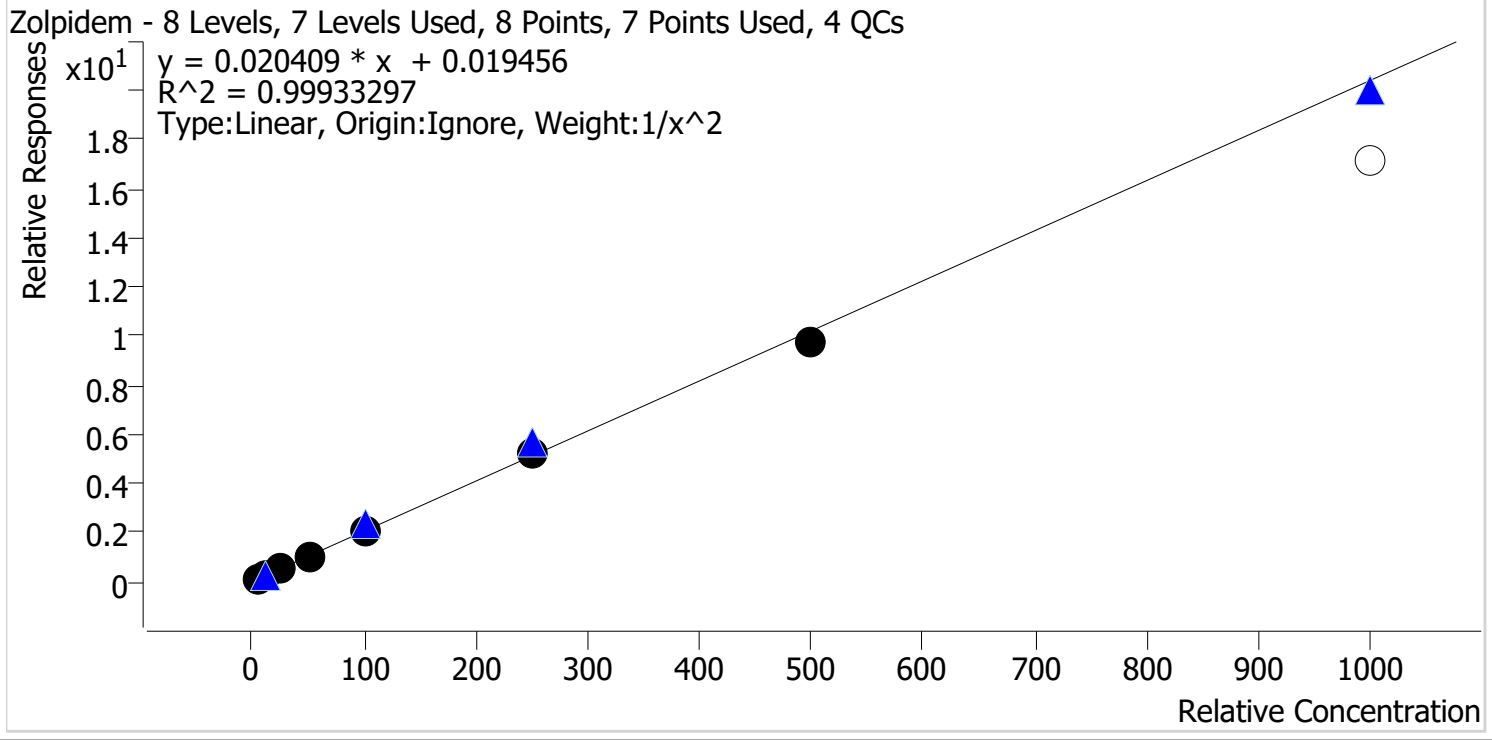
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	524.1	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1036.1	103.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/3/2021 11:55 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	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	477.9	95.6
p1 Cal 8-1000ng	8	✗	1000.0	841.2	84.1

Calibrator 8 dropped due to QC accuracy.

TS

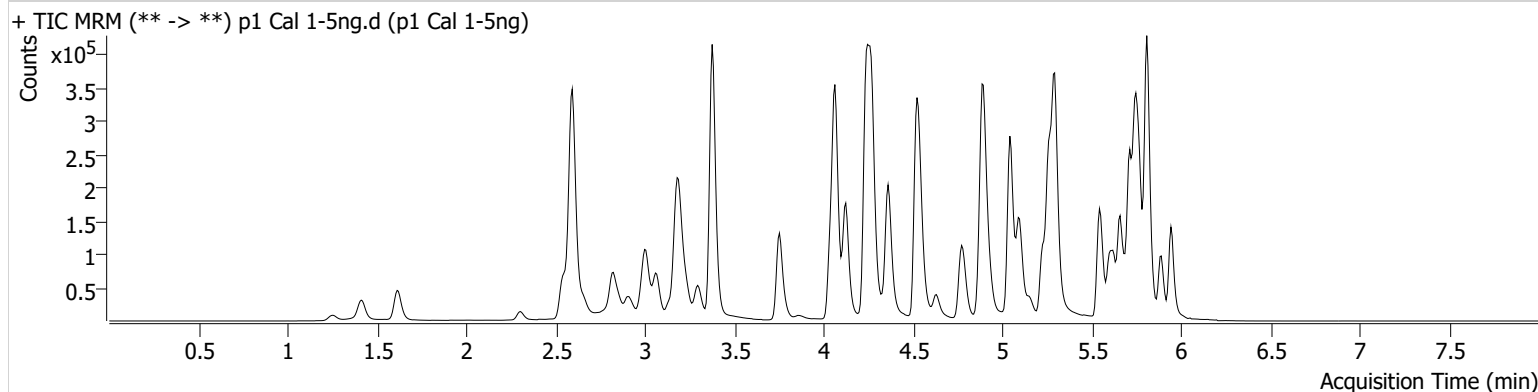


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 1:24:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	964	920.30	71.5	698.70	44857	0.5042 ng/ml
7-aminoclonazepam	4.258	14248	1195.69	85.1	275.52	158816	4.7907 ng/ml
a-hydroxyalprazolam	5.692	11047	84.91	64.6	255.68	248950	4.7439 ng/ml
alpha-PHP	4.937	13080	277.75	268.6	18906.99	414245	4.7724 ng/ml
alpha-PVP	4.370	54684	∞	49.4	188.51	414245	5.0654 ng/ml
Alprazolam	5.768	35210	331.95	117.2	556.26	248950	5.1648 ng/ml
Amphetamine	3.069	79879	671.59	44.2	619.12	138141	4.8166 ng/ml
Benzoylcegonine	3.879	1234	28.57	9.6	112.59	8096	4.8327 ng/ml
Buprenorphine	5.840	703	3154.18	18.1	273.37	40498	1.2038 ng/ml
Bupropion	4.795	43633	5082.23	67.2	116.91	254336	4.7437 ng/ml
Carisoprodol	5.724	37332	504.62	53.6	243.31	282167	5.5089 ng/ml
Citalopram	5.226	26781	126.84	37.1	79.08	213637	5.0734 ng/ml
Clonazepam	5.605	44831	406.88	34.3	255.88	102126	4.9201 ng/ml
Clonazepam	5.548	27070	1785.84	32.2	15109.78	102126	4.8163 ng/ml
Cocaine	4.271	42643	81903.63	52.9	201.85	589333	4.9361 ng/ml
Codeine	2.593	5452	15222.73	103.9	13475.91	48062	4.8479 ng/ml
Cyclobenzaprine	5.628	13614	600.63	8.3	32.16	124631	6.4611 ng/ml
Dextromethorphan	5.275	13340	709.93	78.2	77.25	116720	4.9306 ng/ml
Dextrophan	4.125	13969	153779.66	219.1	994.17	340402	5.0511 ng/ml
Diazepam	5.953	25345	1398.49	89.2	209.27	222998	4.8822 ng/ml
Dihydrocodeine	2.572	13910	96.30	61.2	10752.83	147905	4.8697 ng/ml
Diphenhydramine	5.296	72157	295.66	28.9	158.27	647335	5.0412 ng/ml
Doxylamine	4.543	106721	1576.87	101.4	5969.83	806815	5.0703 ng/ml
EDDP	5.261	44097	1561.03	39.7	11757.37	424238	5.1000 ng/ml
Etizolam	5.813	18272	53089.02	28.4	5392.76	102126	5.0384 ng/ml
Fentanyl	5.103	1321	30.08	78.6	1963.81	160255	0.5083 ng/ml
Flualprazolam	5.698	12780	1146.91	94.8	1528.11	248950	4.8389 ng/ml
Fluoxetine	5.714	17671	114.61	6.8	124.15	109254	5.0526 ng/ml
Hydrocodone	3.032	20321	271.56	29.9	95.14	205783	4.7948 ng/ml
Hydromorphone	1.628	18142	72825.14	77.8	2425.28	107583	5.0719 ng/ml
Ketamine	4.059	42642	634.13	36.4	424.16	300609	4.8991 ng/ml
Lamotrigine	4.287	3778	214.18	84.0	147.45	300609	4.9218 ng/ml
Levetiracetam	2.656	19650	515.20	148.1	766.76	846290	5.1793 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	44189	259.83	51.7	57.07	102126	4.8303 ng/ml
MDA	3.209	52180	961.93	30.3	125.33	261141	4.7932 ng/ml
MDMA	3.303	31782	2842.07	95.4	736.59	68715	4.9845 ng/ml
Meprobamate	4.904	18637	127.95	24.9	107.57	186343	4.8084 ng/ml
Methadone	5.659	30654	504.28	60.3	164.88	245111	5.8098 ng/ml
Methamphetamine	3.238	50403	863.11	40.6	684.22	377458	4.8353 ng/ml
Metoprolol	4.333	10348	24995.67	85.4	559.32	732292	4.7618 ng/ml
Mirtazapine	4.631	52049	1168.14	48.2	1942.77	414245	5.0032 ng/ml
Mitragynine	5.237	7200	457.95	35.0	4452.29	245111	4.9442 ng/ml
Morphine	1.261	2735	140.72	22.0	72.32	6265	4.9328 ng/ml
Norbuprenorphine	4.999	108	142.03	68.5 Low	66.27	5586	0.5254 ng/ml
Nordiazepam	5.893	25163	700.67	58.8	1030.52	145069	4.9084 ng/ml
Norfentanyl	4.093	8740	157.78	35.2	53.41	709995	0.5169 ng/ml
Norhydrocodone	3.080	2255	36.68	34.5	8.82 Low	48668	5.2396 ng/ml
Noroxycodone	2.930	17030	105.97	51.3	707.24	86837	4.9749 ng/ml
O-desmethyl-tramadol	3.383	91778	608.37	6.4	197.61	903261	5.0585 ng/ml
Oxazepam	5.749	48206	267.82	74.1	195.18	408531	4.8877 ng/ml
Oxycodone	2.848	36834	963.78	28.6	384.79	220622	4.9244 ng/ml
Oxymorphone	1.418	15038	342.87	48.8	579.91	84181	4.9320 ng/ml
Phentermine	3.790	13809	72.69	7.5	42.00	338254	4.8076 ng/ml
Promethazine	5.545	26121	160135.57	30.7	129.86	209233	5.0757 ng/ml
Pseudoephedrine	2.603	94982	297.52	16.1	1657.65	846290	5.0987 ng/ml
Quetiapine	5.555	38698	429.45	55.2	30617.04	86702	4.8881 ng/ml
Sertraline	5.789	6507	111.96	94.6	373.15	45850	5.4966 ng/ml
Temazepam	5.816	74822	241.48	29.3	20.38	702035	4.7932 ng/ml
Tramadol	4.252	84538	300.44	3.8	78.20	732292	4.8747 ng/ml
Trazodone	5.156	30827	3125.58	78.2	54790.22	203759	4.9645 ng/ml
Venlafaxine	5.043	66051	343.70	38.6	327.48	581707	5.0568 ng/ml
Zolpidem	4.914	90393	2841.22	32.2	4522.14	744483	4.9961 ng/ml

TS

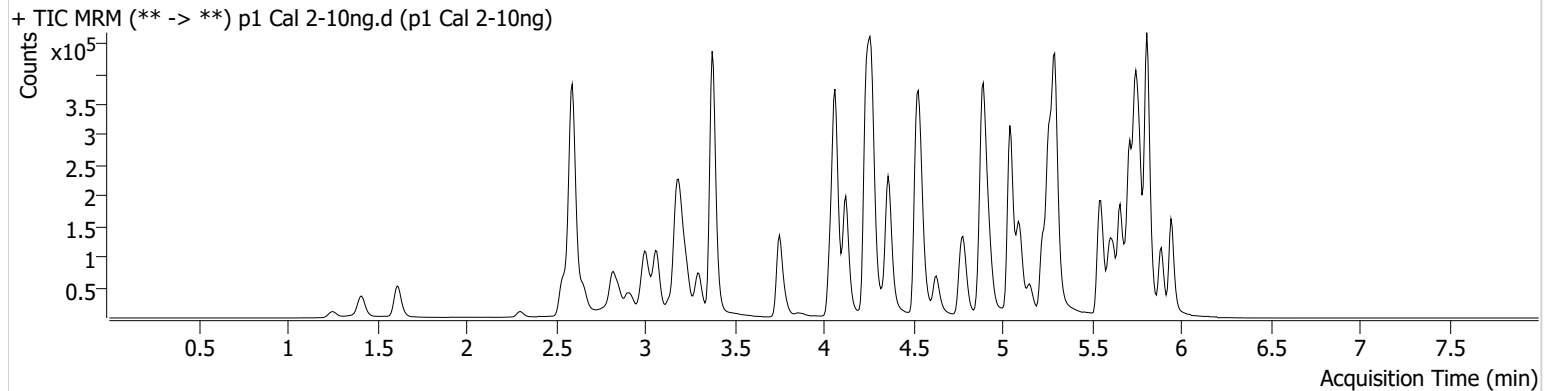


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 1:35:05 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1756	198.12	72.9	4559.64	44340	0.9927 ng/ml
7-aminoclonazepam	4.258	27437	2024.58	78.9	89430.30	158974	10.4384 ng/ml
a-hydroxyalprazolam	5.692	20528	126.07	72.0	246.60	241666	10.7596 ng/ml
alpha-PHP	4.937	25656	879.24	272.2	8440.94	418175	10.4214 ng/ml
alpha-PVP	4.370	100784	360.34	49.9	1516.89	418175	9.8027 ng/ml
Alprazolam	5.768	64569	248.61	116.4	943.27	241666	9.7392 ng/ml
Amphetamine	3.069	151354	2578.76	43.3	1523.30	141713	10.4620 ng/ml
Benzoylecgonine	3.886	2540	179.87	9.2	110.15	7608	10.5345 ng/ml
Buprenorphine	5.840	1248	108.93	18.2	483.62	42302	1.5552 ng/ml
Bupropion	4.788	85370	6865.80	67.7	177.36	263899	9.9111 ng/ml
Carisoprodol	5.724	70024	3185.08	53.1	359.79	280687	10.3546 ng/ml
Citalopram	5.226	53971	229.76	34.7	2258.99	228028	9.9250 ng/ml
Clonazepam	5.605	83085	1520.72	34.1	310.11	102135	10.2372 ng/ml
Clonazepam	5.548	50235	143048.55	31.7	44931.31	102135	10.3910 ng/ml
Cocaine	4.271	78893	422.16	53.0	228.28	574596	10.2520 ng/ml
Codeine	2.593	9788	42496.14	111.9	404.61	47169	10.2420 ng/ml
Cyclobenzaprine	5.628	22690	118.78	9.6	81.73	117565	10.3357 ng/ml
Dextromethorphan	5.275	25270	304.15	82.1	402.76	117250	10.1882 ng/ml
Dextrophan	4.125	27060	18573.48	215.1	2411.53	347811	10.0017 ng/ml
Diazepam	5.953	49134	330.84	88.1	339.45	220946	10.3819 ng/ml
Dihydrocodeine	2.572	25790	796.03	57.1	240.53	147231	10.2483 ng/ml
Diphenhydramine	5.296	141035	166.99	29.1	2374.64	676950	10.0487 ng/ml
Doxylamine	4.543	197036	1498.96	101.9	1846.55	810500	9.8834 ng/ml
EDDP	5.261	82800	338.85	42.8	416.48	447998	9.7319 ng/ml
Etizolam	5.813	35042	198807.14	27.3	16264.48	102135	10.0840 ng/ml
Fentanyl	5.103	2550	212.00	80.1	51.11	155483	1.0241 ng/ml
Flualprazolam	5.698	24586	284.74	94.6	2650.72	241666	10.4751 ng/ml
Fluoxetine	5.714	28685	58990.32	8.3	2144.95	94872	9.9920 ng/ml
Hydrocodone	3.032	38039	304.57	28.7	133.18	206029	10.4501 ng/ml
Hydromorphone	1.621	31635	917.39	78.6	700.93	105890	9.6546 ng/ml
Ketamine	4.059	78326	437.86	37.3	756.62	300130	10.2409 ng/ml
Lamotrigine	4.287	6601	67.88	87.4	227.93	300130	9.9890 ng/ml
Levetiracetam	2.656	34780	518.86	144.2	1504.82	840628	9.6326 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	78545	1583.93	50.2	116.56	102135	10.3970 ng/ml
MDA	3.209	99383	964.06	31.4	407.13	266952	10.3898 ng/ml
MDMA	3.303	60164	15138.63	93.7	677.50	69606	10.0213 ng/ml
Meprobamate	4.904	34543	418.31	26.1	1278.66	184019	10.4568 ng/ml
Methadone	5.659	59708	882.09	59.5	628.88	252745	10.4804 ng/ml
Methamphetamine	3.238	91676	288.18	41.7	1216.85	389475	10.2173 ng/ml
Metoprolol	4.333	19450	199077.87	85.8	722.45	717902	10.4811 ng/ml
Mirtazapine	4.631	101967	808.46	47.9	518.42	418175	10.0590 ng/ml
Mitragynine	5.237	13985	148.07	35.2	2647.23	252745	10.0164 ng/ml
Morphine	1.261	5042	650.50	21.4	186.69	6216	10.1289 ng/ml
Norbuprenorphine	5.006	165	858.47	118.4	308.59	5810	1.0075 ng/ml
Nordiazepam	5.893	47293	912.67	56.1	508.55	144057	10.3048 ng/ml
Norfentanyl	4.093	16174	353.62	34.9	130.53	711731	0.9723 ng/ml
Norhydrocodone	3.080	4238	70.69	37.1	29.72	47521	9.6123 ng/ml
Noroxycodone	2.923	31411	663.14	50.7	113.41	87575	10.0412 ng/ml
O-desmethyl-tramadol	3.383	167254	9072.49	6.6	∞	884815	9.9526 ng/ml
Oxazepam	5.749	88916	1217.15	75.7	366.17	393539	10.3679 ng/ml
Oxycodone	2.848	66349	988.37	31.1	414.01	217073	10.1219 ng/ml
Oxymorphone	1.418	27438	258.58	48.1	137.96	82139	10.1202 ng/ml
Phentermine	3.790	27322	374.31	7.0	28.25	345621	10.4571 ng/ml
Promethazine	5.545	42933	574.97	30.7	105.87	185400	9.8770 ng/ml
Pseudoephedrine	2.603	177757	192.94	16.5	469.10	840628	9.8905 ng/ml
Quetiapine	5.562	75250	34161.82	55.2	55419.09	92008	10.2659 ng/ml
Sertraline	5.789	10324	92.04	98.5	165.25	39181	10.4318 ng/ml
Temazepam	5.816	135398	1540.89	28.7	133.30	688682	9.7697 ng/ml
Tramadol	4.252	159112	6020.32	3.8	65.59	717902	10.4125 ng/ml
Trazodone	5.156	58239	69152.02	78.2	62319.20	203021	10.1779 ng/ml
Venlafaxine	5.043	126138	48138.59	38.5	2238.96	590983	9.9752 ng/ml
Zolpidem	4.914	167184	1936.46	31.8	1049.46	754084	9.9101 ng/ml

TS

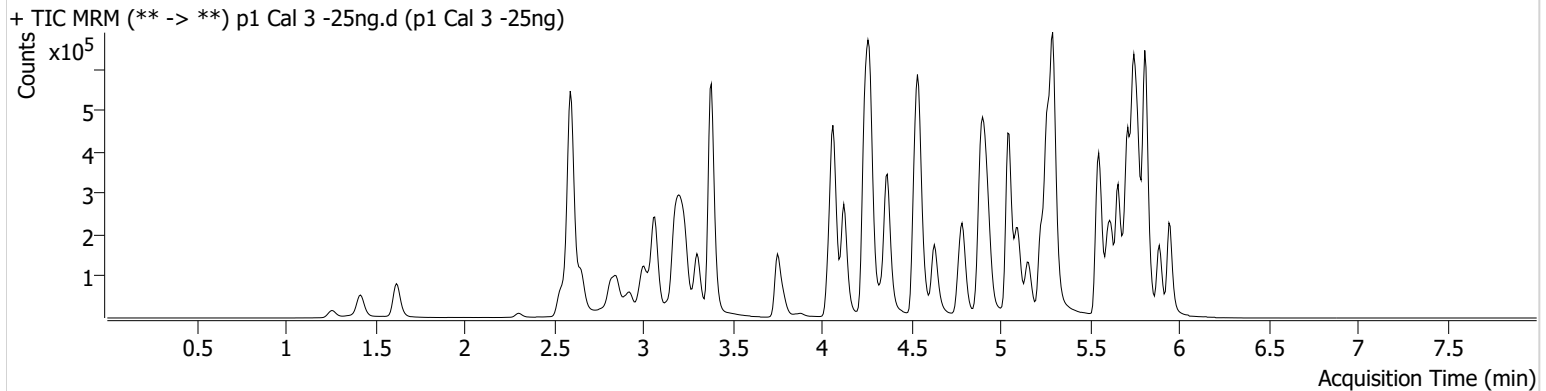


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 1:45:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	4607	4854.67	66.9	6091.15	48657	2.4777 ng/ml
7-aminoclonazepam	4.258	69046	641952.48	75.2	477453.18	168100	26.6683 ng/ml
a-hydroxyalprazolam	5.692	47212	212.99	72.5	830.76	249571	26.2153 ng/ml
alpha-PHP	4.937	69998	1104.48	264.3	16200.00	464193	27.3895 ng/ml
alpha-PVP	4.370	271889	8677.43	49.1	472.05	464193	24.7844 ng/ml
Alprazolam	5.768	156905	2262.54	117.3	416.26	249571	22.8903 ng/ml
Amphetamine	3.069	396225	16584.47	44.5	2149.37	161028	26.5131 ng/ml
Benzoylcegonine	3.886	6100	243.57	8.5	8.61	7901	24.3055 ng/ml
Buprenorphine	5.846	3564	5081.11	16.3	656.73	53715	2.6200 ng/ml
Bupropion	4.795	234544	506.87	64.7	1853.70	305130	25.0511 ng/ml
Carisoprodol	5.724	163306	216971.76	52.7	312.38	281538	24.0265 ng/ml
Citalopram	5.226	152933	5277.10	35.6	410524.12	273424	23.9853 ng/ml
Clonazepam	5.605	195823	700.62	34.8	1812.90	106547	24.7816 ng/ml
Clonazepam	5.548	120658	4096.29	33.2	75081.74	106547	26.1376 ng/ml
Cocaine	4.271	198416	593.01	53.3	210164.12	625183	24.9920 ng/ml
Codeine	2.593	24400	166.95	108.6	148.36	49897	26.3816 ng/ml
Cyclobenzaprine	5.628	82633	177725.18	8.9	144.86	175383	23.2019 ng/ml
Dextromethorphan	5.275	75802	368.53	81.8	99710.68	148962	25.4231 ng/ml
Dextrophan	4.125	70171	595.37	214.5	32378.06	383217	24.1820 ng/ml
Diazepam	5.953	120703	2297.28	87.4	655.44	233236	25.3111 ng/ml
Dihydrocodeine	2.572	64753	201.83	61.3	1289.97	156807	26.0135 ng/ml
Diphenhydramine	5.296	396416	5582.58	29.5	1367.03	833939	23.8516 ng/ml
Doxylamine	4.543	510268	3928.74	101.5	47393.28	900031	23.9472 ng/ml
EDDP	5.261	233814	7230.71	41.6	349950.59	534107	24.2182 ng/ml
Etizolam	5.813	85350	2865.44	28.2	47877.58	106547	24.1582 ng/ml
Fentanyl	5.103	8686	644.41	73.5	11975.38	222655	2.4528 ng/ml
Flualprazolam	5.698	59518	9204.00	94.7	2019.85	249571	25.7681 ng/ml
Fluoxetine	5.714	105710	767.03	7.8	10231.16	147342	24.5729 ng/ml
Hydrocodone	3.032	94614	102.04	31.4	70.55	224710	26.0179 ng/ml
Hydromorphone	1.628	83665	203361.73	74.8	399278.27	113430	25.1088 ng/ml
Ketamine	4.059	193505	20230.99	39.5	1411.28	324462	25.2817 ng/ml
Lamotrigine	4.287	16628	819.03	84.3	4890.57	324462	25.7158 ng/ml
Levetiracetam	2.656	87629	416.10	143.3	297.09	916190	22.9453 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	188560	544.57	50.0	437.87	106547	26.9589 ng/ml
MDA	3.216	255103	4215.24	29.7	265.71	288061	27.0460 ng/ml
MDMA	3.303	158088	218341.56	94.4	2149.35	76273	25.1668 ng/ml
Meprobamate	4.904	83723	257552.36	26.2	93.30	191484	26.5274 ng/ml
Methadone	5.659	178296	523.33	59.8	1739.49	322519	23.7803 ng/ml
Methamphetamine	3.238	259546	771.77	41.2	3381.98	474908	26.6582 ng/ml
Metoprolol	4.333	51138	132877.85	84.4	860.46	797231	26.8314 ng/ml
Mirtazapine	4.631	283770	1815.37	47.8	237080.65	464193	25.7789 ng/ml
Mitragynine	5.237	44535	80069.72	34.4	1348.29	322519	26.1864 ng/ml
Morphine	1.267	12599	4911.62	21.2	98.30	6590	25.3984 ng/ml
Norbuprenorphine	4.999	397	902.83	95.5	762.04	6867	2.5609 ng/ml
Nordiazepam	5.893	115938	134989.27	59.0	746.94	154743	24.9751 ng/ml
Norfentanyl	4.093	41712	2117.89	33.7	227.82	777474	2.3242 ng/ml
Norhydrocodone	3.080	10495	83.63	36.5	52.60	48345	22.6654 ng/ml
Noroxycodone	2.930	75795	241.40	53.2	544.81	91903	24.5660 ng/ml
O-desmethyl-tramadol	3.383	422215	1382.03	6.7	501.25	952304	24.1913 ng/ml
Oxazepam	5.749	209906	253.93	77.6	1599.35	403673	25.2970 ng/ml
Oxycodone	2.848	171764	1792.70	30.2	591.42	238419	25.6656 ng/ml
Oxymorphone	1.418	68998	304.01	47.7	132.52	87075	25.4232 ng/ml
Phentermine	3.790	73410	789.60	6.7	159.93	394655	26.2642 ng/ml
Promethazine	5.545	154980	832.59	31.5	2377.54	281869	24.1944 ng/ml
Pseudoephedrine	2.603	456339	556.09	16.4	428.48	916190	23.7324 ng/ml
Quetiapine	5.562	200990	18391.37	57.3	551616.26	107860	25.3999 ng/ml
Sertraline	5.782	40140	233.95	97.6	386.06	65217	24.7176 ng/ml
Temazepam	5.816	335442	3951.13	28.4	256.29	712970	24.9095 ng/ml
Tramadol	4.252	402373	428.98	3.8	240.81	797231	25.1747 ng/ml
Trazodone	5.156	174505	357523.49	77.8	335854.22	264229	24.5440 ng/ml
Venlafaxine	5.050	324460	36215.41	37.8	1103.64	647547	24.1371 ng/ml
Zolpidem	4.914	429965	2663.31	31.2	13073.37	799750	25.3898 ng/ml

TS

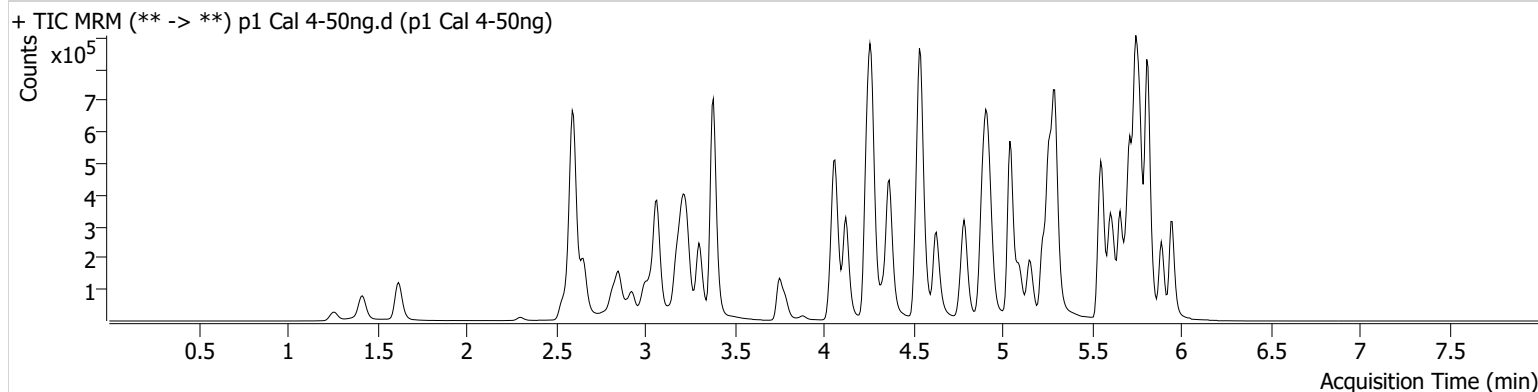


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 1:56:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	8756	719.21	68.2	515.16	47327	4.9137 ng/ml
7-aminoclonazepam	4.258	128829	51462.83	78.4	241.59	158938	53.9157 ng/ml
a-hydroxyalprazolam	5.692	86965	333.16	74.1	522.33	236009	52.8045 ng/ml
alpha-PHP	4.937	116596	2574.84	268.7	1692.39	410693	52.6414 ng/ml
alpha-PVP	4.370	474344	454.56	49.8	547.15	410693	49.5252 ng/ml
Alprazolam	5.768	308169	613.90	115.4	818.04	236009	47.5198 ng/ml
Amphetamine	3.069	660521	13267.52	44.7	1913.52	141761	51.8572 ng/ml
Benzoylecgonine	3.886	11779	803.47	8.3	164.78	7360	50.3443 ng/ml
Buprenorphine	5.846	5541	13785.68	16.3	1511.47	38935	4.8153 ng/ml
Bupropion	4.788	397488	11601.85	66.4	3744.99	256833	51.5440 ng/ml
Carisoprodol	5.724	309746	931055.28	51.2	410.97	264350	48.4968 ng/ml
Citalopram	5.226	242281	454.53	35.0	132907.64	214627	48.8048 ng/ml
Clonazepam	5.605	382196	1971.61	33.7	9787.38	99818	53.0499 ng/ml
Clonazepam	5.548	225394	342114.57	34.7	146968.69	99818	53.8069 ng/ml
Cocaine	4.271	364744	23476.55	51.4	658.59	581621	50.3464 ng/ml
Codeine	2.593	45612	75.37	105.0	29574.31	47100	53.8706 ng/ml
Cyclobenzaprine	5.628	109007	220.35	9.5	150.89	114363	45.4978 ng/ml
Dextromethorphan	5.275	110376	11469.67	82.5	494.00	110516	50.8643 ng/ml
Dextrophan	4.125	122884	864.02	217.8	596.53	342576	47.8270 ng/ml
Diazepam	5.953	227312	3915.04	86.8	959.50	222563	50.7967 ng/ml
Dihydrocodeine	2.572	123751	198.02	60.2	1004.08	150753	53.0612 ng/ml
Diphenhydramine	5.296	621822	27216.41	29.2	881.66	637150	49.7286 ng/ml
Doxylamine	4.543	934836	1756.52	100.9	65664.81	808928	49.5135 ng/ml
EDDP	5.261	391598	26783.28	41.8	72213.36	439732	50.1487 ng/ml
Etizolam	5.813	157876	57568.98	28.0	56283.97	99818	48.1480 ng/ml
Fentanyl	5.103	11788	67.67	71.9	534.12	146001	5.0900 ng/ml
Flualprazolam	5.698	107368	1983.39	98.1	5220.33	236009	49.9740 ng/ml
Fluoxetine	5.714	123363	14434.82	7.8	77.18	90947	47.0185 ng/ml
Hydrocodone	3.032	176297	1073.77	31.1	155.37	209725	53.6453 ng/ml
Hydromorphone	1.621	157513	4815.89	75.5	1979.61	107187	50.8845 ng/ml
Ketamine	4.059	359749	12436.75	38.8	586.33	298611	52.5623 ng/ml
Lamotrigine	4.287	31067	302.54	84.2	2612.31	298611	54.0970 ng/ml
Levetiracetam	2.656	164714	4291.68	148.0	4756.29	813856	49.1290 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	331454	11219.64	50.2	382.07	99818	52.6267 ng/ml
MDA	3.216	430585	2582.76	31.0	326.73	256935	52.6895 ng/ml
MDMA	3.303	280296	2501.92	93.4	3054.25	69109	50.0249 ng/ml
Meprobamate	4.904	155759	379.84	25.9	97.44	184937	52.6114 ng/ml
Methadone	5.659	263730	9254.97	59.0	517.46	239508	46.8149 ng/ml
Methamphetamine	3.238	415438	2311.61	40.2	577.03	393268	53.5999 ng/ml
Metoprolol	4.333	91444	236803.88	84.4	2111.69	728062	53.9497 ng/ml
Mirtazapine	4.631	455847	3402.10	48.2	495.63	410693	47.1089 ng/ml
Mitragynine	5.237	62024	567.76	33.8	27009.05	239508	49.8064 ng/ml
Morphine	1.267	23742	455.98	21.3	1248.76	6235	51.7061 ng/ml
Norbuprenorphine	4.999	534	2354.15	110.9	2825.05	5406	4.7164 ng/ml
Nordiazepam	5.893	218032	994.95	57.6	5694.44	145699	51.0172 ng/ml
Norfentanyl	4.093	77569	3141.33	31.9	57.44	706213	4.7807 ng/ml
Norhydrocodone	3.080	18723	108.65	36.7	85.35	42447	45.5239 ng/ml
Noroxycodone	2.930	147219	1450.05	49.1	322.61	85588	52.4711 ng/ml
O-desmethyl-tramadol	3.383	797902	30993.34	6.9	4796.09	905112	48.7228 ng/ml
Oxazepam	5.749	384414	255.61	75.8	629.38	377407	50.6099 ng/ml
Oxycodone	2.848	315670	2824.62	31.2	1138.32	223973	51.4851 ng/ml
Oxymorphone	1.418	128896	754.32	48.7	115.67	81188	51.9734 ng/ml
Phentermine	3.790	123417	654.39	6.4	633.80	337437	52.8270 ng/ml
Promethazine	5.545	198703	692.34	31.2	319.56	181543	48.6983 ng/ml
Pseudoephedrine	2.603	822821	6871.98	16.8	246.48	813856	48.5033 ng/ml
Quetiapine	5.555	339688	25315.74	55.3	4925262.38	91002	52.4574 ng/ml
Sertraline	5.789	46053	157.17	102.0	464.30	39381	47.2013 ng/ml
Temazepam	5.816	628821	7822.19	28.9	1850.14	663720	51.2740 ng/ml
Tramadol	4.252	732650	647.65	3.8	172.73	728062	51.3321 ng/ml
Trazodone	5.149	264844	29738.02	77.9	14292.60	197735	50.6542 ng/ml
Venlafaxine	5.043	577798	2153.22	38.7	1297.41	575453	48.9043 ng/ml
Zolpidem	4.914	806830	53859.71	30.9	112083.78	760638	51.0215 ng/ml

TS

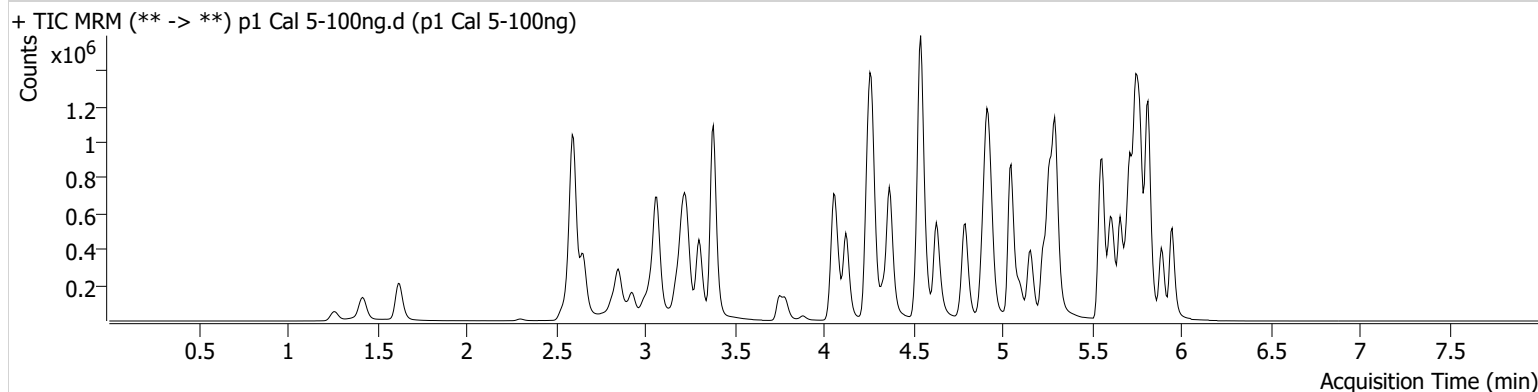


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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 P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 12/2/2021 2:06:53 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	17295	1405.07	74.3	1297.32	48556	9.5299 ng/ml
7-aminoclonazepam	4.258	245229	254.48	79.1	310.04	163081	101.1534 ng/ml
a-hydroxyalprazolam	5.692	158118	981.19	73.7	585.17	226573	101.6473 ng/ml
alpha-PHP	4.937	226165	3012.51	264.6	105289.50	413427	102.5643 ng/ml
alpha-PVP	4.370	942302	57559.04	50.2	8548.86	413427	98.3871 ng/ml
Alprazolam	5.768	626372	1298.31	114.7	7400.20	226573	100.5873 ng/ml
Amphetamine	3.069	1253348	3520.15	44.8	691.14	142290	99.6803 ng/ml
Benzoylecgonine	3.886	25122	2097.34	8.1	6074.05	8091	97.6273 ng/ml
Buprenorphine	5.840	10867	278.48	16.8	3329.49	37902	8.9882 ng/ml
Bupropion	4.795	758017	46330.52	66.3	11562.85	255179	99.9350 ng/ml
Carisoprodol	5.724	578084	19063.63	53.1	2804.51	254358	94.0308 ng/ml
Citalopram	5.232	473647	984.36	34.6	215.00	209177	98.2888 ng/ml
Clonazepam	5.605	721394	913.83	34.8	633.14	99839	101.2743 ng/ml
Clonazepam	5.548	433604	239472.56	34.1	429312.93	99839	105.0588 ng/ml
Cocaine	4.271	723686	544.07	52.9	847.65	588911	99.6022 ng/ml
Codeine	2.593	87080	2594.94	107.0	734.27	47607	103.2233 ng/ml
Cyclobenzaprine	5.628	226980	759.11	9.2	2438.59	121819	87.5951 ng/ml
Dextromethorphan	5.275	215357	46445.62	81.5	156.67	110403	100.3021 ng/ml
Dextrophan	4.125	248191	18692.05	212.9	1156.33	332893	99.9183 ng/ml
Diazepam	5.953	440738	1328.29	89.6	881.93	218758	101.0466 ng/ml
Dihydrocodeine	2.572	245642	18449.81	60.7	4176.08	157286	102.1829 ng/ml
Diphenhydramine	5.303	1190846	94701.13	30.0	43347.24	632881	96.5460 ng/ml
Doxylamine	4.543	1914031	298899.88	99.8	381167.82	819081	100.8089 ng/ml
EDDP	5.268	744555	24420.82	42.3	9091.42	433267	97.5645 ng/ml
Etizolam	5.813	314371	5249.39	28.3	119819.93	99839	96.3103 ng/ml
Fentanyl	5.109	23984	3063.57	73.4	47016.71	155301	9.7476 ng/ml
Flualprazolam	5.698	213635	767.63	102.0	108300.50	226573	104.5442 ng/ml
Fluoxetine	5.714	254762	1110.82	7.5	2609.54	91802	96.8527 ng/ml
Hydrocodone	3.032	348406	2021.36	32.3	198.50	207554	108.8273 ng/ml
Hydromorphone	1.628	318812	5910.13	75.5	2367.99	111037	100.2475 ng/ml
Ketamine	4.059	731561	518.07	38.8	588.82	316202	102.2862 ng/ml
Lamotrigine	4.287	65117	6348.37	82.9	1678.18	316202	108.8750 ng/ml
Levetiracetam	2.656	337317	326.53	144.4	9775.58	818238	100.6073 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	534867	1262.35	50.4	2424.41	99839	86.3352 ng/ml
MDA	3.209	808090	9432.12	29.2	1410.08	246858	104.5323 ng/ml
MDMA	3.303	549060	1563.72	94.3	15985.69	67327	101.4071 ng/ml
Meprobamate	4.904	290645	100700.17	25.9	539.83	181461	101.5253 ng/ml
Methadone	5.659	532744	36393.99	58.6	694.58	240399	93.6547 ng/ml
Methamphetamine	3.238	841573	1104.26	40.7	17126.74	415599	104.7817 ng/ml
Metoprolol	4.333	177872	550647.27	85.0	2367.45	748213	103.4298 ng/ml
Mirtazapine	4.631	905550	1156.42	47.5	3444.52	413427	93.3259 ng/ml
Mitragynine	5.237	128160	157529.38	34.9	99.82	240399	103.3764 ng/ml
Morphine	1.267	49985	510.01	20.3	75.68	6781	101.1407 ng/ml
Norbuprenorphine	5.006	966	442.80	113.4	1356.42	5265	9.1770 ng/ml
Nordiazepam	5.893	422193	42211.07	57.9	1168.38	142523	102.1039 ng/ml
Norfentanyl	4.093	149999	15885.26	33.5	3036.06	704546	9.2864 ng/ml
Norhydrocodone	3.080	34509	278.52	36.5	78.36	38489	92.0096 ng/ml
Noroxycodone	2.930	284177	1073.53	49.9	1080.40	85104	102.9318 ng/ml
O-desmethyl-tramadol	3.383	1646184	2149.62	6.8	∞	934929	97.9442 ng/ml
Oxazepam	5.749	686650	2237.70	76.8	76551.11	336828	102.3966 ng/ml
Oxycodone	2.848	659520	823.46	30.6	585.76	239067	102.0504 ng/ml
Oxymorphone	1.418	254560	∞	49.3	∞	84590	99.4404 ng/ml
Phentermine	3.790	241173	914.22	6.5	174.04	340676	103.3957 ng/ml
Promethazine	5.545	418522	15366.68	31.4	512.79	188901	99.1299 ng/ml
Pseudoephedrine	2.603	1636514	2302.54	16.5	105087.21	818238	96.2662 ng/ml
Quetiapine	5.562	661299	72107.65	57.4	364272.97	91752	102.7519 ng/ml
Sertraline	5.789	95402	420.74	103.0	377.90	41400	93.2685 ng/ml
Temazepam	5.816	1165743	13065.39	29.1	869.90	621276	102.6255 ng/ml
Tramadol	4.252	1457681	61144.91	4.0	1800.95	748213	100.4518 ng/ml
Trazodone	5.156	559890	1046.43	75.9	846172.42	212906	100.2766 ng/ml
Venlafaxine	5.050	1126642	57080.84	37.9	670.41	569600	96.8558 ng/ml
Zolpidem	4.914	1657410	62340.57	30.5	63112.88	799040	100.6833 ng/ml

TS



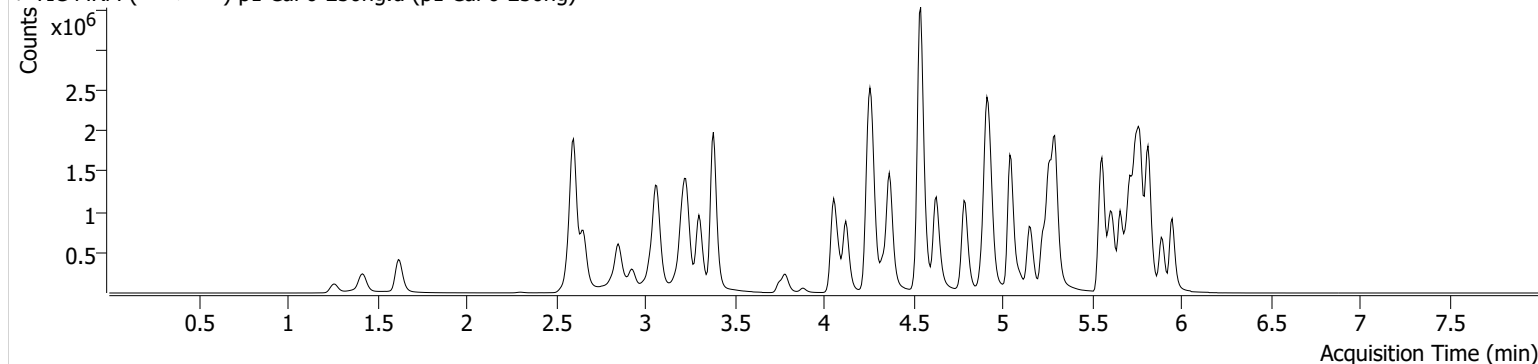
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 2:17:29 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 6-250ng.d (p1 Cal 6-250ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	42998	43431.42	68.0	58990.27	44083	26.2279 ng/ml
7-aminoclonazepam	4.258	466143	∞	77.7	331.06	129384	244.2016 ng/ml
a-hydroxyalprazolam	5.692	261411	3095.09	74.6	2180.10	179996	213.5204 ng/ml
alpha-PHP	4.937	489308	3490.42	265.9	49139.40	374053	246.9503 ng/ml
alpha-PVP	4.370	2156686	∞	50.3	85822.26	374053	249.9144 ng/ml
Alprazolam	5.768	1291787	1800.40	112.8	7106.77	179996	261.0934 ng/ml
Amphetamine	3.069	2616186	667.20	43.3	803.77	133517	224.0022 ng/ml
Benzoylecgonine	3.886	59518	304.26	7.9	5326.56	7231	258.7301 ng/ml
Buprenorphine	5.840	21406	3618.66	16.8	6134.76	28390	22.4932 ng/ml
Bupropion	4.788	1707458	91265.32	66.1	18307.62	223844	258.3289 ng/ml
Carisoprodol	5.724	1064534	84372.03	49.7	4856.88	181153	243.0716 ng/ml
Citalopram	5.226	988899	686.43	34.9	1217.57	172877	248.8959 ng/ml
Clonazepam	5.605	1403422	80777.14	34.5	2915.12	80453	246.3514 ng/ml
Clonazepam	5.548	798567	1177887.00	35.9	178335.20	80453	242.2920 ng/ml
Cocaine	4.271	1600865	783.52	52.5	112993.41	528109	247.1443 ng/ml
Codeine	2.593	173131	893.69	101.2	3687.98	41464	237.7583 ng/ml
Cyclobenzaprine	5.628	411984	597.63	8.8	304.74	83833	228.7253 ng/ml
Dextromethorphan	5.275	405033	1835.27	81.2	411.02	86568	241.9896 ng/ml
Dextrophan	4.125	555587	818.24	212.6	39087.85	294398	253.6458 ng/ml
Diazepam	5.953	927423	340365.18	86.9	4144.32	185403	252.1659 ng/ml
Dihydrocodeine	2.572	539437	548.02	62.8	9236.06	149153	238.4294 ng/ml
Diphenhydramine	5.296	2518498	3559.49	29.4	26536.73	509065	255.0204 ng/ml
Doxylamine	4.543	4481013	138479.72	99.2	11401.75	762010	254.7058 ng/ml
EDDP	5.261	1718201	17780.05	41.6	997.04	387428	253.1356 ng/ml
Etizolam	5.813	640722	27443.89	28.2	624774.19	80453	244.2910 ng/ml
Fentanyl	5.103	44640	1996.68	73.2	33284.91	116387	24.2268 ng/ml
Flualprazolam	5.698	418645	22659.95	105.1	32121.73	179996	259.2047 ng/ml
Fluoxetine	5.714	363867	11702.82	7.9	47828.68	50687	251.5392 ng/ml
Hydrocodone	3.032	750124	429.94	33.0	152.51	194699	251.9884 ng/ml
Hydromorphone	1.621	699605	5590.29	75.9	5751.87	97774	251.1193 ng/ml
Ketamine	4.059	1652763	75232.64	38.0	7901.73	293515	251.0455 ng/ml
Lamotrigine	4.287	132826	919.09	85.1	8835.71	293515	241.4468 ng/ml
Levetiracetam	2.656	714664	537.60	144.1	771.27	709517	246.5615 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	746328	22749.34	51.2	6062.32	80453	151.2005 ng/ml
MDA	3.209	1566665	1230.45	28.7	1354.99	209284	241.2194 ng/ml
MDMA	3.303	1209290	8803.46	95.5	2266.38	60133	251.2601 ng/ml
Meprobamate	4.904	522690	349.95	25.8	6543.94	154672	216.0174 ng/ml
Methadone	5.659	1083503	3547.04	58.5	4832.49	192181	237.4079 ng/ml
Methamphetamine	3.238	1866362	60573.65	40.6	590.03	386561	252.9054 ng/ml
Metoprolol	4.333	392364	568456.22	85.7	4139.33	669895	256.9846 ng/ml
Mirtazapine	4.631	1957458	113342.86	47.2	2482.70	374053	223.4874 ng/ml
Mitragynine	5.237	244159	540344.71	35.7	114057.70	192181	247.4554 ng/ml
Morphine	1.261	113252	1358.09	20.8	482.61	6150	254.3496 ng/ml
Norbuprenorphine	4.999	2264	2664.77	97.1	786.72	4620	25.3296 ng/ml
Nordiazepam	5.893	828317	9615.60	58.2	1521.37	111313	258.2076 ng/ml
Norfentanyl	4.093	358346	15714.65	33.0	9111.10	612700	25.5479 ng/ml
Norhydrocodone	3.080	80219	166.81	36.9	65.33	31110	263.6515 ng/ml
Noroxycodone	2.930	577024	789.54	49.5	1316.48	69620	257.1735 ng/ml
O-desmethyl-tramadol	3.383	3786610	84830.20	6.8	58908.27	835668	253.0464 ng/ml
Oxazepam	5.749	1053735	16513.19	76.5	4489.02	215121	247.5884 ng/ml
Oxycodone	2.848	1499547	1313.46	31.0	9986.64	222143	251.6357 ng/ml
Oxymorphone	1.418	556879	∞	47.4	∞	69658	265.8784 ng/ml
Phentermine	3.790	519042	1952.87	6.5	265.15	316542	241.1027 ng/ml
Promethazine	5.545	742801	669.66	31.5	1390.79	133762	249.2755 ng/ml
Pseudoephedrine	2.603	3685181	136496.20	16.2	71468.88	709517	250.5075 ng/ml
Quetiapine	5.562	1386095	69675.79	59.3	2125.18	79394	251.1313 ng/ml
Sertraline	5.789	142479	1098.16	99.4	6942.17	23995	240.7453 ng/ml
Temazepam	5.816	2045993	68805.39	28.1	359.70	445866	252.5663 ng/ml
Tramadol	4.252	3301818	270375.48	3.9	1147.82	669895	255.8893 ng/ml
Trazodone	5.149	1191877	162119.96	77.0	497774.78	178051	256.5736 ng/ml
Venlafaxine	5.043	2659386	10740.42	37.4	1449.43	525460	248.6607 ng/ml
Zolpidem	4.914	3759979	142072.42	29.5	7365.94	726126	252.7711 ng/ml

TS

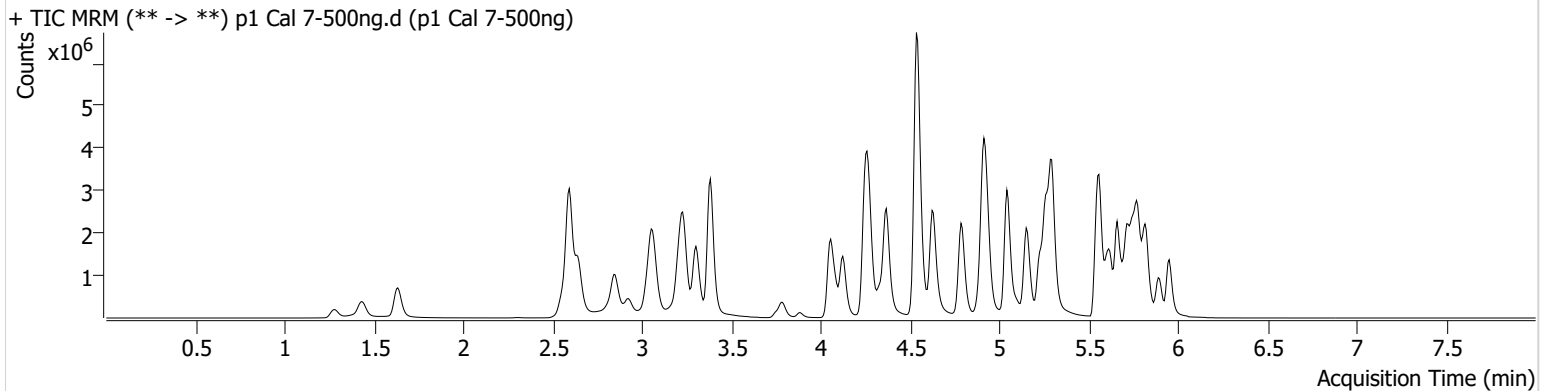


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	12/2/2021 2:28:05 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	81668	4648.58	72.6	94889.01	43935	50.0526 ng/ml
7-aminoclonazepam	4.258	685577	39859.54	77.9	114.28	107742	432.3156 ng/ml
a-hydroxyalprazolam	5.685	328102	972.49	73.3	173.39	140584	344.2405 ng/ml
alpha-PHP	4.937	863853	8016.60	266.1	308004.13	340059	480.7102 ng/ml
alpha-PVP	4.370	3975049	155745.74	49.9	53536.17	340059	507.3604 ng/ml
Alprazolam	5.768	2065335	6511.62	110.7	1348.89	140584	534.4503 ng/ml
Amphetamine	3.063	4358218	514.01	43.8	642.47	132546	377.1466 ng/ml
Benzoylcegonine	3.879	131158	294.91	8.0	30611.81	8311	496.0823 ng/ml
Buprenorphine	5.840	53489	74980.14	16.7	9370.46	30088	52.0787 ng/ml
Bupropion	4.788	3439935	182837.76	65.7	78882.93	231587	504.0769 ng/ml
Carisoprodol	5.724	1394605	5042999.63	52.4	11123.74	114297	504.6628 ng/ml
Citalopram	5.226	2027419	63001.85	35.6	2259883.35	171846	513.7557 ng/ml
Clonazepam	5.605	2042959	116782.36	34.4	58579.32	61422	470.9214 ng/ml
Clonazepam	5.542	1073987	983103.49	35.9	334028.74	61422	428.1192 ng/ml
Cocaine	4.264	2798165	57862.94	52.8	6728.76	457528	499.6304 ng/ml
Codeine	2.580	279577	139.03	103.6	3159.41	35879	445.1435 ng/ml
Cyclobenzaprine	5.628	1274170	435.48	8.6	9206.25	116538	507.1491 ng/ml
Dextromethorphan	5.275	910609	28920.19	81.2	7874.38	96145	490.8865 ng/ml
Dextrophan	4.125	986849	8249.84	218.4	1485.27	261852	507.0029 ng/ml
Diazepam	5.953	1520947	1357.09	87.0	55784.99	153799	499.3724 ng/ml
Dihydrocodeine	2.559	1002187	8978.02	62.6	7816.09	143417	461.9538 ng/ml
Diphenhydramine	5.296	5385631	147396.55	29.8	64860.36	543447	511.5640 ng/ml
Doxylamine	4.536	8976103	106098.32	98.0	202108.89	737353	527.9946 ng/ml
EDDP	5.261	3110946	47291.69	42.5	109523.77	349216	509.3352 ng/ml
Etizolam	5.813	1058238	2101.60	28.8	3532.05	61422	529.0346 ng/ml
Fentanyl	5.103	136759	292.07	74.0	808.18	170454	50.6927 ng/ml
Flualprazolam	5.698	630302	24414.34	106.6	78131.40	140584	500.4958 ng/ml
Fluoxetine	5.714	1157453	30578.94	7.8	279201.13	77283	525.4672 ng/ml
Hydrocodone	3.025	1288134	540.01	33.8	4245.41	184147	458.9103 ng/ml
Hydromorphone	1.635	1280849	1728492.17	76.0	25408.50	88728	507.5047 ng/ml
Ketamine	4.059	3114800	308193.19	37.2	1049.19	278542	499.9960 ng/ml
Lamotrigine	4.287	221576	10626.06	86.1	18557.85	278542	425.8158 ng/ml
Levetiracetam	2.643	1281950	25604.25	147.4	82188.47	614409	511.2930 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	818132	14412.28	51.4	745.99	61422	218.1212 ng/ml
MDA	3.209	2345910	3328.51	28.1	4772.17	177044	428.2775 ng/ml
MDMA	3.303	2137879	2302.61	99.2	11007.55	53890	496.4421 ng/ml
Meprobamate	4.897	743054	52850.24	24.8	11469.18	136934	347.8561 ng/ml
Methadone	5.659	2643022	35522.71	56.8	404902.32	224902	494.2582 ng/ml
Methamphetamine	3.238	3901027	238472.00	39.6	38910.60	416662	492.5145 ng/ml
Metoprolol	4.333	673488	366771.47	88.3	3346.31	613486	482.9594 ng/ml
Mirtazapine	4.624	4342685	4052.19	46.6	122608.09	340059	545.9129 ng/ml
Mitragynine	5.237	581364	1588426.59	35.0	264268.93	224902	504.3120 ng/ml
Morphine	1.281	207406	283.92	21.3	528.54	5899	486.7119 ng/ml
Norbuprenorphine	4.999	5359	15913.37	101.2	4458.70	5176	54.0655 ng/ml
Nordiazepam	5.893	1249640	3050.22	58.3	5563.70	87543	496.3558 ng/ml
Norfentanyl	4.086	703636	210.02	32.8	4151.75	531334	57.8739 ng/ml
Norhydrocodone	3.080	158091	∞	37.6	524.45	26933	599.5228 ng/ml
Noroxycodone	2.923	913635	6603.44	50.5	1527.80	58138	488.6405 ng/ml
O-desmethyl-tramadol	3.383	7072845	409237.46	6.7	32927.51	763784	517.7955 ng/ml
Oxazepam	5.749	1177054	5801.07	75.1	3778.71	125878	473.6404 ng/ml
Oxycodone	2.841	2838828	3664.83	30.9	974.25	213029	498.0566 ng/ml
Oxymorphone	1.432	959134	853.00	47.4	∞	66180	482.8364 ng/ml
Phentermine	3.790	937046	∞	6.2	2744.22	311283	443.6501 ng/ml
Promethazine	5.545	2378134	4100.80	31.7	17621.27	204950	521.4592 ng/ml
Pseudoephedrine	2.596	6561916	71711.33	15.9	109622.06	614409	515.4464 ng/ml
Quetiapine	5.555	2968170	5248.94	60.0	73659.26	85520	500.8004 ng/ml
Sertraline	5.789	457261	588.29	99.5	29974.10	36304	510.9623 ng/ml
Temazepam	5.823	2601076	28983.69	28.9	4392.59	280251	511.9592 ng/ml
Tramadol	4.246	5970539	3670.37	3.8	6626.77	613486	506.3760 ng/ml
Trazodone	5.149	3082088	234705.35	78.2	1256.26	234282	505.0565 ng/ml
Venlafaxine	5.043	5090024	63694.93	36.3	24981.00	477664	524.1462 ng/ml
Zolpidem	4.914	7041406	153574.70	28.5	146304.65	720490	477.9195 ng/ml

TS

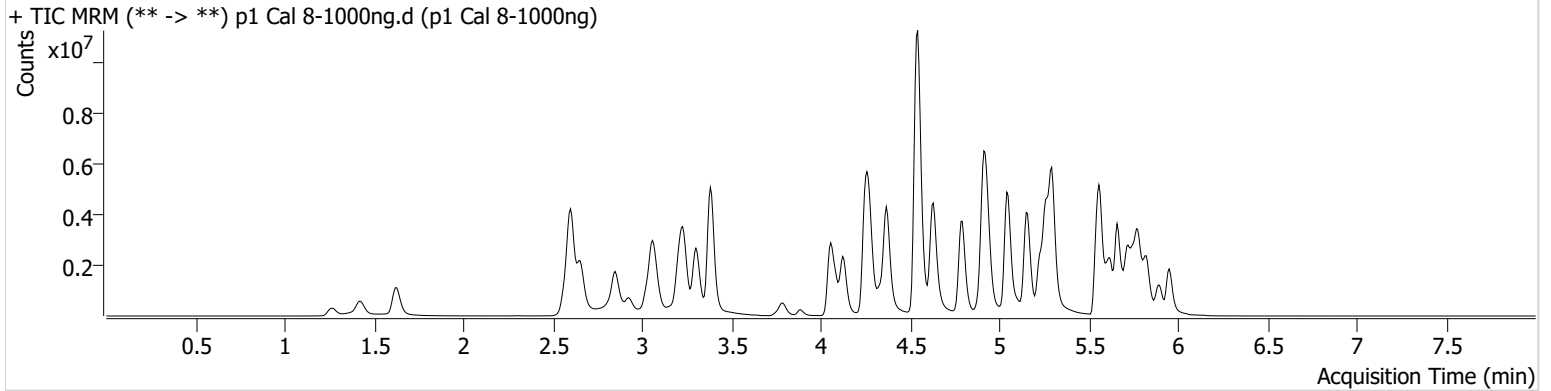


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\12022021 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/3/2021 11:55:27 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 P2-H1 **Comment**
Injection Volume 2
Acq. Date-Time 12/2/2021 2:38:40 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	159667	3568.58	69.8	255231.41	42104	102.1901 ng/ml
7-aminoclonazepam	4.258	719441	29052.32	77.4	10814.70	78099	626.4593 ng/ml
a-hydroxyalprazolam	5.685	370693	179.85	72.8	1234.39	106628	513.6777 ng/ml
alpha-PHP	4.937	1405543	35852.70	267.7	111476.59	302554	880.1114 ng/ml
alpha-PVP	4.370	7150807	98290.02	49.4	662.28	302554	1026.5291 ng/ml
Alprazolam	5.768	2954395	384.65	108.9	793.40	106628	1007.9552 ng/ml
Amphetamine	3.063	6104043	337.99	44.1	237.71	115124	609.2954 ng/ml
Benzoylcegonine	3.886	264908	400.69	8.1	40539.95	8347	997.5433 ng/ml
Buprenorphine	5.846	86298	125452.81	16.0	28996.12	21842	114.8824 ng/ml
Bupropion	4.795	6063299	125906.04	64.9	96238.90	208819	986.4094 ng/ml
Carisoprodol	5.724	1763327	2444627.84	52.2	16594.85	72218	1009.8481 ng/ml
Citalopram	5.226	3322878	49862.31	35.3	23402.81	137687	1051.3387 ng/ml
Clonazepam	5.605	2696300	86286.19	34.2	18533.71	46428	823.2175 ng/ml
Clonazepam	5.542	1239907	40753.67	37.3	682668.56	46428	654.7729 ng/ml
Cocaine	4.271	4597890	196695.61	52.3	1668.07	377082	997.1113 ng/ml
Codeine	2.593	389509	322.88	100.8	201.38	30503	730.5207 ng/ml
Cyclobenzaprine	5.628	2134201	305447.64	8.3	403.54	95879	1031.0340 ng/ml
Dextromethorphan	5.275	1307969	26650.83	80.2	38431.87	67316	1008.1125 ng/ml
Dextrophan	4.125	1708253	36426.67	216.4	∞	221499	1038.0157 ng/ml
Diazepam	5.953	2240877	935.80	89.1	858.62	120591	939.1174 ng/ml
Dihydrocodeine	2.565	1558215	19595.85	63.6	11838.27	146027	706.1328 ng/ml
Diphenhydramine	5.296	8844868	78965.10	29.6	60648.60	443770	1029.5839 ng/ml
Doxylamine	4.543	16093860	2923.88	98.4	422700.25	722610	966.5505 ng/ml
EDDP	5.261	5709158	95899.98	41.2	125789.39	317721	1028.2461 ng/ml
Etizolam	5.813	1596455	13856.40	28.0	1219876.44	46428	1056.2989 ng/ml
Fentanyl	5.103	247926	377.74	72.6	211.21	156263	100.2578 ng/ml
Flualprazolam	5.698	831570	54607.69	112.0	4830.59	106628	871.2575 ng/ml
Fluoxetine	5.721	1507718	26218.65	8.1	5555.49	50827	1041.3822 ng/ml
Hydrocodone	3.025	2314290	260.54	34.4	453.46	175151	868.3536 ng/ml
Hydromorphone	1.628	2202722	3871640.50	76.3	1493691.52	79396	976.1540 ng/ml
Ketamine	4.059	5452038	85111.27	37.4	22645.68	269256	906.5433 ng/ml
Lamotrigine	4.294	305797	18422.05	86.6	33752.13	269256	608.7188 ng/ml
Levetiracetam	2.656	2044088	36936.84	149.5	17673.26	461665	1085.5771 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	825408	40475.89	52.7	809.51	46428	291.9081 ng/ml
MDA	3.209	3410383	8105.08	27.4	8693.66	147675	747.6875 ng/ml
MDMA	3.303	3636486	96973.33	94.4	2173.97	46388	981.7964 ng/ml
Meprobamate	4.897	897290	32364.03	25.5	7047.52	118108	487.6719 ng/ml
Methadone	5.659	4480667	122755.21	54.8	63164.49	183244	1027.7938 ng/ml
Methamphetamine	3.231	5824696	132989.63	39.5	62710.68	370540	828.4234 ng/ml
Metoprolol	4.333	1050387	117119.91	89.5	37264.35	564847	819.1177 ng/ml
Mirtazapine	4.631	7790380	3147.51	46.1	111117.88	302554	1101.0936 ng/ml
Mitragynine	5.237	876379	16792.71	35.9	127667.11	183244	933.7317 ng/ml
Morphine	1.267	352459	386.90	20.9	2142.87	5151	948.2592 ng/ml
Norbuprenorphine	4.999	8624	73.43	97.6	3132.09	4466	101.2612 ng/ml
Nordiazepam	5.900	1705981	621.78	58.9	259.74	64413	921.9149 ng/ml
Norfentanyl	4.093	1294800	215.27	33.1	8702.52	425767	132.9298 ng/ml
Norhydrocodone	3.080	297436	∞	38.6	462.13	22943	1323.5018 ng/ml
Noroxycodone	2.923	1438282	3767.12	50.0	12627.69	47959	933.5327 ng/ml
O-desmethyl-tramadol	3.383	12311881	94610.66	6.7	6633.15	672889	1023.7094 ng/ml
Oxazepam	5.749	1150046	7680.86	74.5	10855.54	68060	856.7871 ng/ml
Oxycodone	2.848	5001890	1819.51	30.9	∞	202691	923.4479 ng/ml
Oxymorphone	1.418	1592297	225.91	47.6	259.00	57621	921.5907 ng/ml
Phentermine	3.790	1434581	∞	6.1	2772.32	288974	732.4426 ng/ml
Promethazine	5.545	3907131	3392.93	30.9	2529.72	171541	1024.0999 ng/ml
Pseudoephedrine	2.603	10291815	3169.61	15.6	12825.96	461665	1076.2580 ng/ml
Quetiapine	5.562	5052203	76981.25	60.6	135646.36	81383	896.9978 ng/ml
Sertraline	5.789	590780	46440.47	99.6	18498.65	23802	1007.1766 ng/ml
Temazepam	5.823	2866956	22937.56	28.1	2327.48	161190	982.1027 ng/ml
Tramadol	4.252	9861978	2158.19	3.8	1878.33	564847	909.3516 ng/ml
Trazodone	5.149	6101528	219606.15	79.6	1487.74	245404	955.2898 ng/ml
Venlafaxine	5.043	9115948	107981.19	35.8	47379.54	432999	1036.0683 ng/ml
Zolpidem	4.914	11994112	625316.27	28.0	223392.44	697891	841.1571 ng/ml