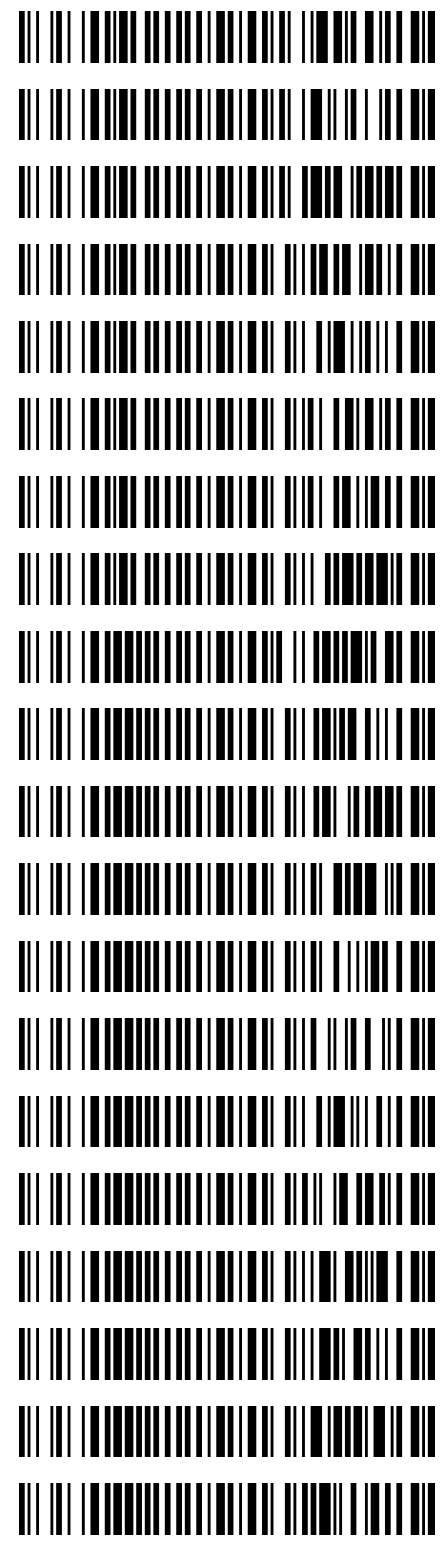


Worklist: 5749

REVIEWED
By Briany Wylie at 2:49 pm, Apr 05, 2022

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>
M2021-5359	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2021-5406	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2021-5486	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2022-0961	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2022-0972	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2022-0990	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2022-0991	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2022-0993	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3233	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0547	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0550	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0671	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0672	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0687	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0719	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0752	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0821	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0822	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0844	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0859	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



Request for Departure from an Analytical Method or Quality Standard

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

Date of Request: 2/3/2022

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

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



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

TS

Extraction Date: 03/31/2022

Analyst: Tamara Salazar

Plate lot#: 211018

Plate Retest Date: 04/18/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52016-2

Blank Urine Lot: POC021022

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:

7-aminoclonazepam 5-500 -- Cal 8 dropped due to accuracy
alpha-hydroxyalprazolam 5-250 -- Cal 7 and 8 dropped due to accuracy
amphetamine 5-500 -- Cal 8 dropped due to accuracy
codeine 5-500 -- Cal 8 dropped due to accuracy
etizolam 5-500 -- Cal 8 dropped due to accuracy
lamotrigine 5-250 -- Cal 7 and 8 dropped due to accuracy

TS

lorazepam 5-100 -- Cal 6, 7, and 8 dropped due to
accuracy meprobamate 5-500 -- Cal 8 dropped due to
accuracy norbuprenorphine 1-100 -- Cal 1 dropped due to
S/N phentermine 5-500 -- Cal 8 dropped due to accuracy
trazodone 5-500 -- Cal 8 dropped due to accuracy

Case sample P2022-0593 from worklist 5701 also included in this batch.

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	P2022-0822-1	P2022-0547-1	M2021-5406-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	P2022-0821-1	P2021-3233-1	M2021-5359-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	P2022-0752-1	M2022-0993-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	P2022-0719-1	M2022-0991-3	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	P2022-0593-1	P2022-0687-1	M2022-0990-3	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	Neg Urine	P2022-0672-1	M2022-0972-2	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	P2022-0859-1	P2022-0671-1	M2022-0961-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2022-0844-1	P2022-0550-1	M2021-5486-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

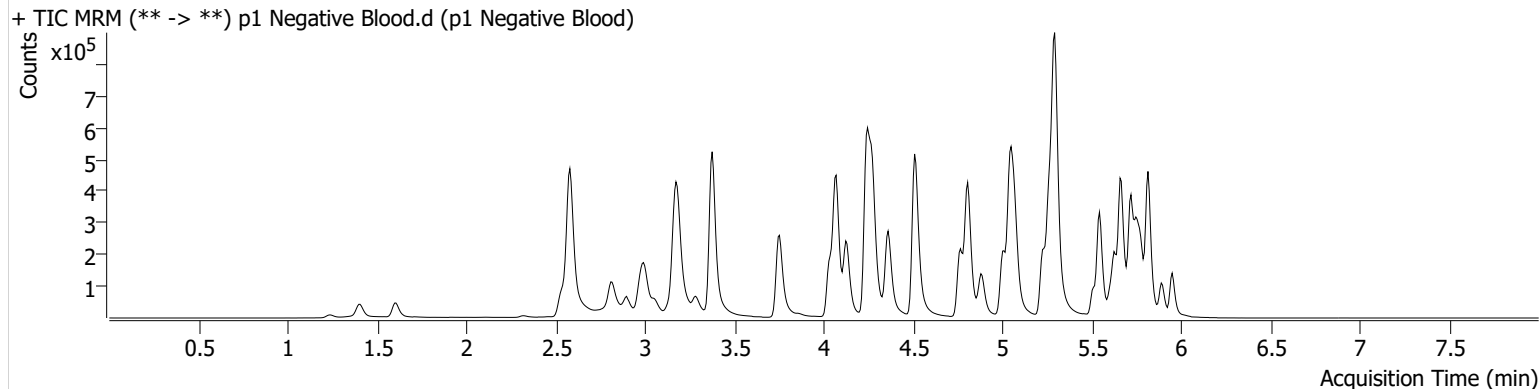


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-C11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 1:52:52 AM		
Sample Info.			

Sample Chromatogram



TS

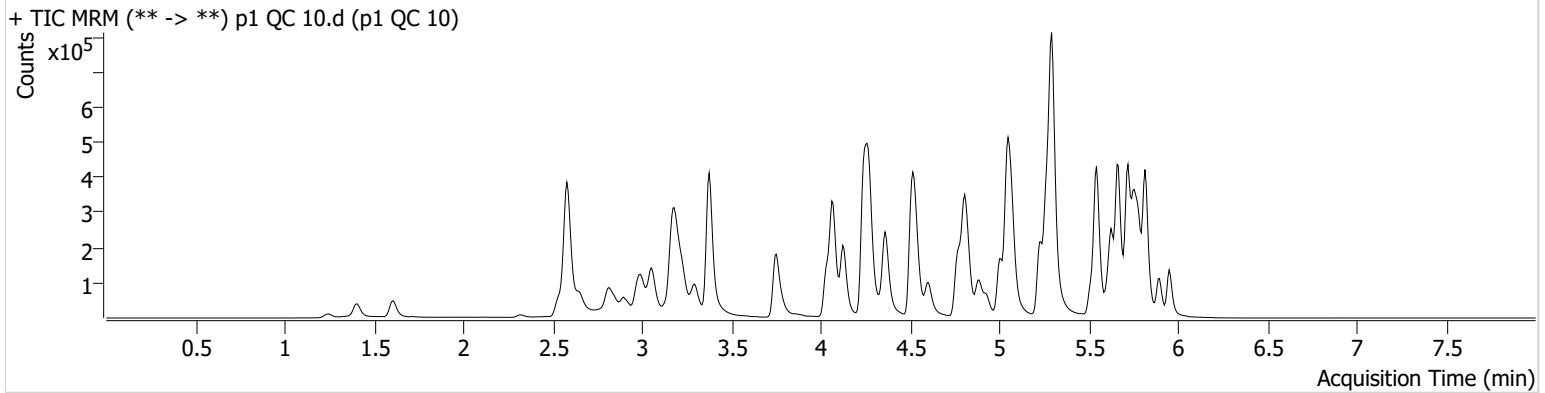


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-H11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 12:17:16 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1635	3207.17	81.8	930.03	44873	1.0189 ng/ml
7-aminoclonazepam	4.258	33359	77.17	80.0	6125.57	123138	10.4812 ng/ml
a-hydroxyalprazolam	5.699	17290	491.99	65.4	309.78	218603	10.5463 ng/ml
alpha-PHP	4.930	29496	472.35	257.1	1051.97	457762	10.2168 ng/ml
alpha-PVP	4.370	102215	4249.49	52.8	382.89	457762	9.7521 ng/ml
Alprazolam	5.782	54009	843.44	113.7	561.79	218603	8.8918 ng/ml
Amphetamine	3.056	193918	451.35	51.6	171.01	270204	10.2706 ng/ml
Benzoylecgonine	3.886	2165	20.67	8.3	8.34 Low	7246	10.8664 ng/ml
Buprenorphine	5.670	2089	421.11	15.0	398.70	81440	0.9489 ng/ml
Bupropion	4.788	112231	7502.51	64.0	537.06	404023	9.9045 ng/ml
Carisoprodol	5.730	69650	191173.99	54.2	182.36	313941	10.4267 ng/ml
Citalopram	5.232	84653	597.66	37.8	5981.08	379605	9.9467 ng/ml
Clonazepam	5.612	71560	3648.62	34.2	712.58	92487	10.5914 ng/ml
Clonazepam	5.555	45076	13018.25	35.2	1119.05	92487	10.3151 ng/ml
Cocaine	4.271	72075	2754.03	53.4	3746.45	625148	10.2843 ng/ml
Codeine	2.587	9610	846.55	107.0	22413.55	47875	10.0214 ng/ml
Cyclobenzaprine	5.635	80168	987.26	7.7	202.41	335401	9.6796 ng/ml
Dextromethorphan	5.275	54477	373.11	80.5	216.53	262631	10.0462 ng/ml
Dextrophan	4.132	30819	3533.73	208.5	∞	357954	10.0744 ng/ml
Diazepam	5.960	40625	300.64	90.2	791.04	192898	10.3450 ng/ml
Dihydrocodeine	2.565	22324	1441.69	59.9	83.56	138988	10.2718 ng/ml
Diphenhydramine	5.296	244173	12819.67	31.6	253.42	1412208	9.8705 ng/ml
Doxylamine	4.529	216288	1911.04	99.6	3794.17	957656	9.9954 ng/ml
EDDP	5.268	80495	1099.57	42.8	181.28	448270	10.1258 ng/ml
Etizolam	5.820	22698	25553.11	26.4	14315.40	92487	9.2516 ng/ml
Fentanyl	5.082	6903	174.19	82.2	13164.05	420641	0.9712 ng/ml
Flualprazolam	5.712	24465	934.12	98.3	1096.73	218603	9.7900 ng/ml
Fluoxetine	5.721	87782	7253.69	8.7	729.86	313684	10.5923 ng/ml
Hydrocodone	3.025	36941	130.60	33.1	72.93	208186	10.2539 ng/ml
Hydromorphone	1.615	30978	1724.53	73.9	1152.73	106737	9.8687 ng/ml
Ketamine	4.051	71631	2617.85	37.4	793.43	321079	10.2788 ng/ml
Lamotrigine	4.280	6970	540.40	80.2	451.22	321079	11.1301 ng/ml
Levetiracetam	2.656	42813	615.10	140.9	720.00	942381	12.4975 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	66521	1020.13	49.1	97.61	92487	11.0595 ng/ml
MDA	3.203	136781	286.35	28.4	173.13	433014	10.1981 ng/ml
MDMA	3.303	71735	1755.86	89.7	1270.40	86141	9.5829 ng/ml
Meprobamate	4.911	41087	441.60	25.4	387.88	216278	10.3509 ng/ml
Methadone	5.666	136609	710.64	53.0	1136.64	606685	10.2447 ng/ml
Methamphetamine	3.231	153566	554.60	39.3	311.48	597970	10.3278 ng/ml
Metoprolol	4.333	19139	4887.79	93.9	1191.82	882118	10.0726 ng/ml
Mirtazapine	4.604	148575	1500.41	46.8	1140.81	457762	10.0097 ng/ml
Mitragynine	5.216	29350	429.36	34.1	615.05	606685	9.7487 ng/ml
Morphine	1.253	5077	225.07	19.1	74.46	9551	9.9981 ng/ml
Norbuprenorphine	4.999	331	1381.68	117.6	543.17	12931	1.0373 ng/ml
Nordiazepam	5.900	41978	684.02	59.7	510.34	144075	9.9489 ng/ml
Norfentanyl	4.093	16177	4315.06	34.8	16.46	741858	0.9836 ng/ml
Norhydrocodone	3.073	6205	207.19	38.8	59.69	57984	9.5180 ng/ml
Noroxycodone	2.916	38074	366.97	49.1	1446.88	125280	10.1197 ng/ml
O-desmethyl-tramadol	3.383	151985	3490.92	5.8	461.44	919267	9.7371 ng/ml
Oxazepam	5.756	82628	364.18	73.3	95.22	314867	10.5335 ng/ml
Oxycodone	2.841	63444	351.75	28.8	409.22	267428	9.9421 ng/ml
Oxymorphone	1.405	27603	317.89	47.3	69.34	95743	9.3594 ng/ml
Phentermine	3.783	44590	249.47	5.4	10.71	516700	10.1757 ng/ml
Promethazine	5.545	151864	616.56	30.0	569.61	677198	9.7754 ng/ml
Pseudoephedrine	2.589	188224	4700.82	16.6	279.39	942381	9.9487 ng/ml
Quetiapine	5.521	101168	2499.86	55.4	160.60	145008	10.6368 ng/ml
Sertraline	5.789	31731	1747.32	96.3	1644.01	126095	11.5360 ng/ml
Temazepam	5.823	122831	444.95	28.0	96.61	629519	9.6141 ng/ml
Tramadol	4.252	178083	601.90	3.1	54.20	882118	10.1972 ng/ml
Trazodone	5.047	100518	2647.16	77.1	86.56	426241	10.5229 ng/ml
Venlafaxine	5.050	145435	442.83	34.6	3005.61	810631	9.9866 ng/ml
Zolpidem	4.826	157323	7440.68	30.3	348.27	689162	9.9898 ng/ml

TS

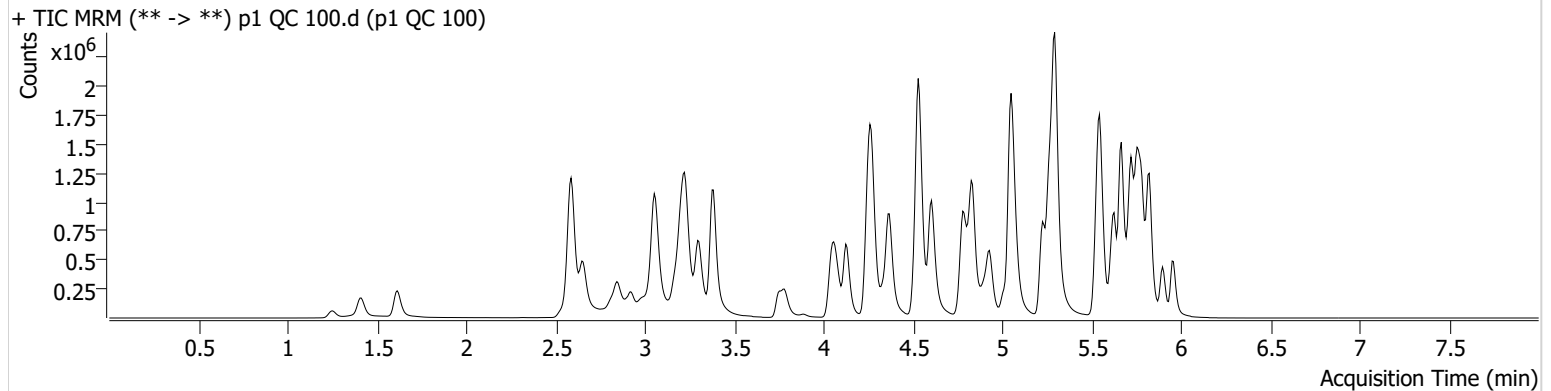


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 10:11:56 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	18870	164.89	71.2	368.59	54644	9.7424 ng/ml
7-aminoclonazepam	4.258	333349	1442.36	80.0	3719.82	132437	105.2270 ng/ml
a-hydroxyalprazolam	5.699	167108	647.72	66.1	538.61	229600	106.2648 ng/ml
alpha-PHP	4.930	327350	2328.95	262.1	5954.75	524065	98.6555 ng/ml
alpha-PVP	4.370	1168179	1153.61	51.8	10559.33	524065	95.0821 ng/ml
Alprazolam	5.782	591845	1458.74	110.0	1277.92	229600	94.1734 ng/ml
Amphetamine	3.056	2167224	742.30	49.1	9971.40	315158	105.0532 ng/ml
Benzoylecgonine	3.886	24136	165.99	8.3	850.20	8401	102.9350 ng/ml
Buprenorphine	5.677	23163	548.91	14.6	2791.80	85806	10.8852 ng/ml
Bupropion	4.781	1311979	74435.96	63.2	724.25	465594	101.8640 ng/ml
Carisoprodol	5.730	670179	1111652.52	54.9	6464.86	307519	91.1179 ng/ml
Citalopram	5.226	923706	25955.21	39.8	20660.50	419199	95.8784 ng/ml
Clonazepam	5.612	704493	20444.67	34.4	9818.63	97138	108.5076 ng/ml
Clonazepam	5.555	454994	728630.75	37.0	262456.46	97138	104.6080 ng/ml
Cocaine	4.271	784716	2156633.08	54.6	11004.18	692458	100.5096 ng/ml
Codeine	2.587	101638	242.95	104.0	8217.96	52143	104.5746 ng/ml
Cyclobenzaprine	5.635	815675	19296.35	7.8	660.24	351459	93.7099 ng/ml
Dextromethorphan	5.275	581590	447.47	79.3	1097.25	286004	98.7462 ng/ml
Dextrophan	4.125	349084	3148.71	214.0	538.98	403335	99.5354 ng/ml
Diazepam	5.960	426670	10588.19	91.3	597.86	209806	101.4368 ng/ml
Dihydrocodeine	2.565	259898	8053.87	60.0	569.25	165760	107.7383 ng/ml
Diphenhydramine	5.296	2763591	287998.08	31.6	18201.20	1564508	97.9459 ng/ml
Doxylamine	4.529	2546615	289626.72	100.5	2824.53	1128241	98.7931 ng/ml
EDDP	5.268	954223	362.74	41.2	648.17	547539	97.5293 ng/ml
Etizolam	5.820	238344	12427.91	26.4	14309.11	97138	89.1295 ng/ml
Fentanyl	5.082	79629	10917.63	78.7	123035.57	459633	9.5475 ng/ml
Flualprazolam	5.705	261337	3968.93	100.9	13080.33	229600	105.3253 ng/ml
Fluoxetine	5.721	691756	50913.17	8.9	112010.14	270452	94.1508 ng/ml
Hydrocodone	3.025	405465	∞	34.2	301.88	237117	104.2670 ng/ml
Hydromorphone	1.615	377577	4291.99	73.8	1436330.28	125674	100.4830 ng/ml
Ketamine	4.051	803048	34191.57	39.1	464.71	378728	103.0178 ng/ml
Lamotrigine	4.280	71640	1111.37	85.0	2729.05	378728	105.3699 ng/ml
Levetiracetam	2.656	456790	2607.37	142.0	2090.40	1057172	118.5495 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	535301	1242.90	51.2	917.22	97138	102.4450 ng/ml
MDA	3.203	1360806	2472.73	28.9	814.18	461755	103.6347 ng/ml
MDMA	3.303	817666	6959.64	90.8	7667.48	95513	101.1790 ng/ml
Meprobamate	4.911	434931	18713.11	24.9	144.70	245937	105.8760 ng/ml
Methadone	5.666	1538491	2388.57	51.5	16954.33	696714	89.2311 ng/ml
Methamphetamine	3.231	1756913	11697.96	39.3	504.69	713761	108.9242 ng/ml
Metoprolol	4.333	215867	1255986.72	95.2	62206.21	1017630	105.3330 ng/ml
Mirtazapine	4.604	1709513	81773.07	46.2	209136.90	524065	96.6265 ng/ml
Mitragynine	5.216	326728	284911.50	34.9	178926.16	696714	94.4677 ng/ml
Morphine	1.253	58756	170.12	20.3	1942.24	11268	96.6230 ng/ml
Norbuprenorphine	4.999	3239	47.74	95.4	1744.89	15345	9.4082 ng/ml
Nordiazepam	5.900	440803	21732.33	58.6	1170.65	150382	102.2957 ng/ml
Norfentanyl	4.093	181898	367.64	35.6	23.28	834605	9.4168 ng/ml
Norhydrocodone	3.080	65154	635.90	39.2	321.93	53869	97.2178 ng/ml
Noroxycodone	2.923	410369	2824.32	48.1	816.37	138438	103.1123 ng/ml
O-desmethyl-tramadol	3.383	1751175	340372.90	5.6	343.07	1064423	95.2810 ng/ml
Oxazepam	5.756	746254	5163.92	75.4	405.63	296031	105.3966 ng/ml
Oxycodone	2.841	737594	1257.01	29.4	2799.15	308269	102.0117 ng/ml
Oxymorphone	1.411	325561	267.04	47.8	835.45	111826	96.2343 ng/ml
Phentermine	3.783	503146	631.94	5.3	482.35	608024	104.2858 ng/ml
Promethazine	5.545	1604279	2111.40	29.7	1296.55	712878	95.9147 ng/ml
Pseudoephedrine	2.589	2079484	246.56	17.3	40443.93	1057172	94.5093 ng/ml
Quetiapine	5.528	1104781	2166970.37	58.7	2369.74	171010	103.0703 ng/ml
Sertraline	5.789	221625	542.34	94.3	23029.47	98334	97.6438 ng/ml
Temazepam	5.823	1256318	1766.94	27.0	1797.08	638782	100.6010 ng/ml
Tramadol	4.252	1929062	2023.24	3.3	∞	1017630	101.1503 ng/ml
Trazodone	5.054	1080851	1790671.93	78.6	739030.59	495476	104.5159 ng/ml
Venlafaxine	5.050	1646038	1653.27	34.2	1139.87	923829	97.1069 ng/ml
Zolpidem	4.833	1835724	12197.12	29.8	427545.30	816237	98.5129 ng/ml

TS

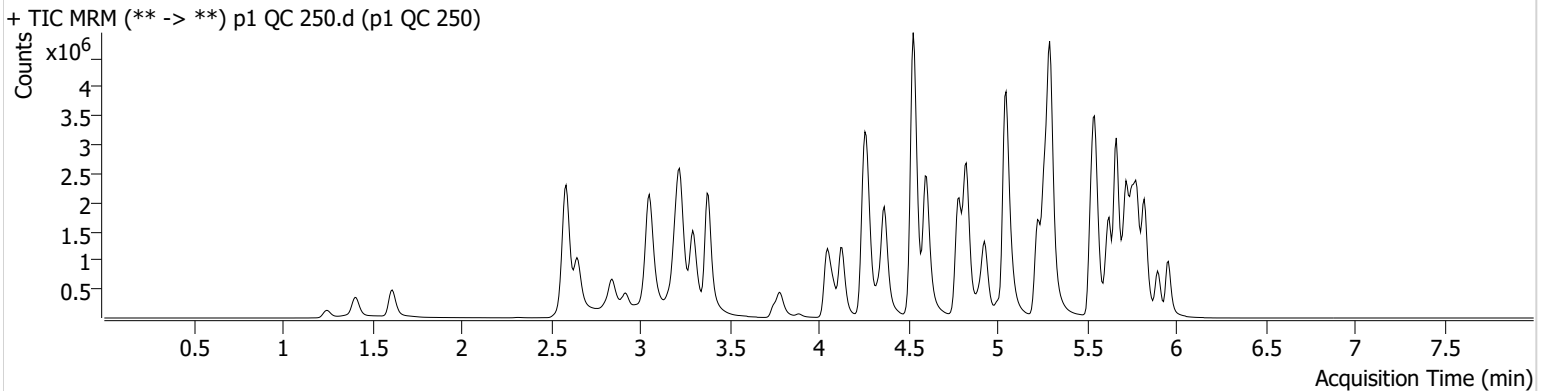


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 12:38:28 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	46693	634.38	72.6	17143.88	52504	25.1065 ng/ml
7-aminoclonazepam	4.258	659955	∞	80.1	16612.14	112738	245.9808 ng/ml
a-hydroxyalprazolam	5.699	297186	370.38	66.4	528.51	192867	226.2308 ng/ml
alpha-PHP	4.930	796534	21431.85	261.5	205012.85	499179	251.9551 ng/ml
alpha-PVP	4.370	2864328	5387.49	52.3	610.82	499179	244.3624 ng/ml
Alprazolam	5.782	1327451	2152.62	109.8	3134.30	192867	251.6988 ng/ml
Amphetamine	3.056	4605574	1057.96	48.3	16853.98	298707	236.5056 ng/ml
Benzoylcegonine	3.886	60660	35222.39	7.6	182.34	8172	265.6643 ng/ml
Buprenorphine	5.670	52252	711.42	14.6	5381.74	81017	26.1375 ng/ml
Bupropion	4.781	3180365	229762.73	63.3	31757.26	452644	254.2200 ng/ml
Carisoprodol	5.730	1304863	677310.82	53.6	501.19	224304	241.0890 ng/ml
Citalopram	5.232	2196184	27092.52	38.8	1447.14	389821	244.7167 ng/ml
Clonazepam	5.612	1405657	755.66	34.8	69942.55	80323	263.3835 ng/ml
Clonazepam	5.555	941523	58005.62	36.8	563473.92	80323	262.7374 ng/ml
Cocaine	4.271	1846970	144253.92	54.1	1547.79	657246	249.1447 ng/ml
Codeine	2.587	227345	5568.18	100.4	107.08	48466	252.8321 ng/ml
Cyclobenzaprine	5.628	1910253	749.64	7.5	338.95	307378	250.8813 ng/ml
Dextromethorphan	5.275	1312470	375.28	78.1	27600.59	256913	248.1168 ng/ml
Dextrophan	4.132	832933	189494.59	214.0	195022.11	384810	248.6416 ng/ml
Diazepam	5.960	994778	28210.25	91.8	16067.42	193736	256.3874 ng/ml
Dihydrocodeine	2.559	613250	8721.30	61.1	228.01	161331	262.4106 ng/ml
Diphenhydramine	5.296	6653272	144391.24	30.8	64797.76	1444814	254.8321 ng/ml
Doxylamine	4.529	6568642	2175.49	98.2	198177.68	1103811	260.2626 ng/ml
EDDP	5.268	2287546	966.73	41.6	782.07	512339	249.7358 ng/ml
Etizolam	5.820	556711	5061.52	26.2	360470.16	80323	251.0831 ng/ml
Fentanyl	5.089	192658	13189.37	75.6	446092.72	431433	24.4929 ng/ml
Flualprazolam	5.712	539299	2950.45	102.4	13084.35	192867	259.6617 ng/ml
Fluoxetine	5.721	1413254	10901.51	8.6	269.58	208128	249.4068 ng/ml
Hydrocodone	3.025	905146	∞	35.1	717.50	227202	243.7598 ng/ml
Hydromorphone	1.615	895910	1089.37	74.3	2039941.41	116634	256.6256 ng/ml
Ketamine	4.051	1976867	99622.80	38.0	696.40	371705	259.3352 ng/ml
Lamotrigine	4.280	156842	4130.29	83.6	22657.87	371705	236.3839 ng/ml
Levetiracetam	2.649	993971	604.52	142.6	43242.36	986955	276.2665 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.753	803257	26951.56	51.3	2241.97	80323	188.0734 ng/ml
MDA	3.203	2767308	922.63	28.0	2879.80	382243	256.0731 ng/ml
MDMA	3.296	1963708	2273.42	90.3	21482.80	91404	254.3488 ng/ml
Meprobamate	4.911	840387	95693.46	25.2	6071.26	215198	235.1833 ng/ml
Methadone	5.666	3808268	1472.52	50.4	3490.92	636227	239.6926 ng/ml
Methamphetamine	3.231	4155095	961.78	38.6	2802.05	713251	259.3713 ng/ml
Metoprolol	4.333	497891	560482.83	97.1	6238.46	950017	261.3856 ng/ml
Mirtazapine	4.604	4197147	5071.90	46.0	15025.22	499179	248.3689 ng/ml
Mitragynine	5.216	785466	1385515.73	35.6	2309.14	636227	248.6885 ng/ml
Morphine	1.247	141432	8356.29	19.6	266.36	10645	245.9384 ng/ml
Norbuprenorphine	4.999	8154	725.54	94.8	172.65	15273	23.9790 ng/ml
Nordiazepam	5.900	951190	2631.69	58.8	3440.10	130747	254.2501 ng/ml
Norfentanyl	4.093	453157	38616.83	36.0	5255.85	803871	24.2836 ng/ml
Norhydrocodone	3.073	140003	∞	39.9	163.08	43560	256.6744 ng/ml
Noroxycodone	2.916	863010	2172.96	48.1	1294.76	119790	251.3240 ng/ml
O-desmethyl-tramadol	3.383	4373385	759.26	5.6	599.11	1019286	248.2030 ng/ml
Oxazepam	5.756	1273466	16222.69	73.8	31061.49	201528	264.9341 ng/ml
Oxycodone	2.841	1785312	1700.34	29.3	2062.33	300024	253.9855 ng/ml
Oxymorphone	1.405	782729	∞	45.5	383.87	111044	233.2692 ng/ml
Phentermine	3.790	1134855	6976.78	5.3	985.76	591571	242.7902 ng/ml
Promethazine	5.545	3849335	62676.08	29.8	624.25	655589	249.8615 ng/ml
Pseudoephedrine	2.589	4935729	88262.88	16.9	598.20	986955	239.6758 ng/ml
Quetiapine	5.521	2625769	415901.52	60.3	183492.20	163951	256.3380 ng/ml
Sertraline	5.789	461591	1252.96	94.4	8616.79	82397	241.6437 ng/ml
Temazepam	5.823	2461542	35172.22	26.7	6696.36	493342	255.8453 ng/ml
Tramadol	4.252	4658401	224176.80	3.2	1220.83	950017	262.6686 ng/ml
Trazodone	5.040	2495837	963.10	78.7	2095.17	494656	242.8840 ng/ml
Venlafaxine	5.050	3990376	186551.13	33.3	13647.94	867276	250.3927 ng/ml
Zolpidem	4.826	4632400	12165.30	28.4	10204.88	779138	260.4492 ng/ml

*Outside curve range.

TS

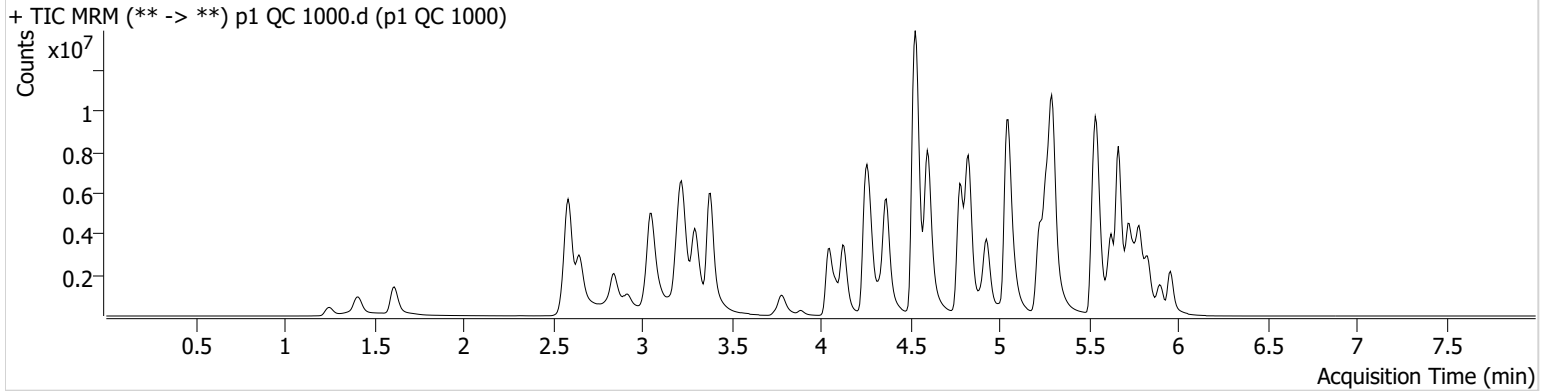


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-E11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 12:59:45 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	174542	2108.60	70.5	3537.15	47825	103.0653 ng/ml
* 7-aminoclonazepam	4.258	1103367	3082.10	80.5	2995.96	68753	675.9941 ng/ml
* a-hydroxyalprazolam	5.692	428633	∞	67.2	134.27	119326	528.8836 ng/ml
alpha-PHP	4.930	2584706	80683.38	266.3	403587.14	403541	1011.2078 ng/ml
alpha-PVP	4.370	10012768	252025.62	51.2	3024.73	403541	1055.8156 ng/ml
Alprazolam	5.782	3286975	∞	107.6	889.55	119326	1007.7962 ng/ml
* Amphetamine	3.056	11908843	175.86	47.9	166.90	254019	720.7078 ng/ml
Benzoylcegonine	3.886	253193	11113.64	7.9	15124.52	9025	1003.5052 ng/ml
Buprenorphine	5.677	128416	10140.59	15.0	2033.94	52893	98.6531 ng/ml
Bupropion	4.781	10851389	268847.51	61.3	135259.56	395064	994.2618 ng/ml
Carisoprodol	5.730	2308811	6337.08	54.3	28195.01	91380	1042.8155 ng/ml
Citalopram	5.232	6326604	380537.07	37.9	332226.31	260858	1052.5833 ng/ml
Clonazepam	5.612	2467095	141598.26	34.2	76918.36	43722	851.7028 ng/ml
Clonazepam	5.562	1722908	42045.25	37.2	5690.55	43722	884.7728 ng/ml
Cocaine	4.271	5477319	514.37	53.2	438.34	474806	1022.5504 ng/ml
* Codeine	2.587	568362	43111.73	103.8	9801.14	40235	763.0568 ng/ml
Cyclobenzaprine	5.635	5834731	16124.39	7.2	472.96	216624	1087.2325 ng/ml
Dextromethorphan	5.275	3282748	115114.68	78.3	548.59	161704	986.0728 ng/ml
Dextrophan	4.132	2789389	1000601.60	218.6	6420.36	304832	1050.5137 ng/ml
Diazepam	5.960	2647436	16707.37	92.3	∞	136417	969.5252 ng/ml
Dihydrocodeine	2.559	1909359	1507.66	63.8	618.16	159595	827.7309 ng/ml
Diphenhydramine	5.303	18229245	408787.51	32.7	116653.31	981720	1026.6185 ng/ml
Doxylamine	4.529	21919403	65639.66	98.2	424581.59	1028769	931.5253 ng/ml
EDDP	5.261	7918597	2771.80	40.0	735.76	419144	1056.4291 ng/ml
* Etizolam	5.820	1531452	26291.50	26.3	414644.55	43722	1267.3963 ng/ml
Fentanyl	5.089	758188	59047.07	75.3	∞	348569	119.0177 ng/ml
Flualprazolam	5.705	1155619	33186.48	109.2	55076.52	119326	900.8650 ng/ml
Fluoxetine	5.721	3476945	174512.61	8.6	300045.84	118621	1075.5186 ng/ml
Hydrocodone	3.018	3031183	187.17	35.5	330.49	200716	925.7918 ng/ml
Hydromorphone	1.615	3071412	22083051.42	74.5	5342689.96	100053	1025.0336 ng/ml
Ketamine	4.044	6816186	655401.63	37.1	17087.58	330715	1006.8090 ng/ml
* Lamotrigine	4.287	346375	11236.57	86.6	83968.61	330715	588.3538 ng/ml
Levetiracetam	2.649	2829078	4543.90	146.2	1429.74	716630	1082.8263 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.753	908364	75698.08	51.0	8822.99	43722	393.5917 ng/ml
MDA	3.196	5823749	2589.99	26.9	848.86	258543	798.8923 ng/ml
MDMA	3.296	6336455	350077.52	91.0	22870.10	72137	1040.8293 ng/ml
* Meprobamate	4.904	1758971	179336.02	24.8	9402.47	160140	663.5659 ng/ml
Methadone	5.666	12117487	297044.07	49.8	75969.07	477819	1011.3906 ng/ml
Methamphetamine	3.224	13800150	43577.52	36.8	115793.84	719013	857.1906 ng/ml
Metoprolol	4.333	1359233	441033.99	98.4	174643.12	791569	858.1910 ng/ml
Mirtazapine	4.597	14796030	494936.57	44.7	257248.82	403541	1081.5928 ng/ml
Mitragynine	5.210	2475500	1922.97	35.9	2121.78	477819	1043.6016 ng/ml
Morphine	1.253	489739	226.52	19.7	798.81	9383	965.7346 ng/ml
Norbuprenorphine	4.999	30246	348.21	95.9	155.24	13590	100.3424 ng/ml
Nordiazepam	5.906	1979365	12260.77	61.4	442.78	75447	917.5071 ng/ml
Norfentanyl	4.093	1685736	167.79	36.0	16200.46	657940	110.2075 ng/ml
Norhydrocodone	3.073	497486	205.27	40.9	721.51	33368	1186.9891 ng/ml
Noroxycodone	2.916	2155609	10146.52	48.7	810.81	76118	989.3932 ng/ml
O-desmethyl-tramadol	3.383	15697579	304385.33	5.5	33759.05	880789	1030.4029 ng/ml
Oxazepam	5.756	1383577	148.30	74.4	13292.41	62237	933.2824 ng/ml
Oxycodone	2.841	6468708	714.47	28.9	1565.89	274257	1007.2903 ng/ml
Oxymorphone	1.411	2545457	∞	48.9	618.64	88955	947.5536 ng/ml
* Phentermine	3.783	3227583	2377.29	5.3	3453.97	547259	748.0396 ng/ml
Promethazine	5.545	13081257	783638.82	28.6	40885.93	512733	1084.8756 ng/ml
Pseudoephedrine	2.589	16202994	197900.31	15.9	58328.06	716630	1082.2233 ng/ml
Quetiapine	5.521	7992680	1869.50	61.0	1011.24	146584	874.0561 ng/ml
Sertraline	5.789	1175766	164768.29	92.3	18628.02	48999	1032.7062 ng/ml
Temazepam	5.830	4084893	17094.84	26.6	458.81	209656	1000.2424 ng/ml
Tramadol	4.252	14234032	1134.70	3.1	350.21	791569	964.9724 ng/ml
* Trazodone	5.040	6831148	1595105.18	77.9	6667.54	481065	685.1367 ng/ml
Venlafaxine	5.050	13080186	303483.51	32.2	8991.21	670409	1061.0393 ng/ml
Zolpidem	4.826	15659163	8970.11	28.0	336263.58	674901	1016.4203 ng/ml

*Outside curve range

TS

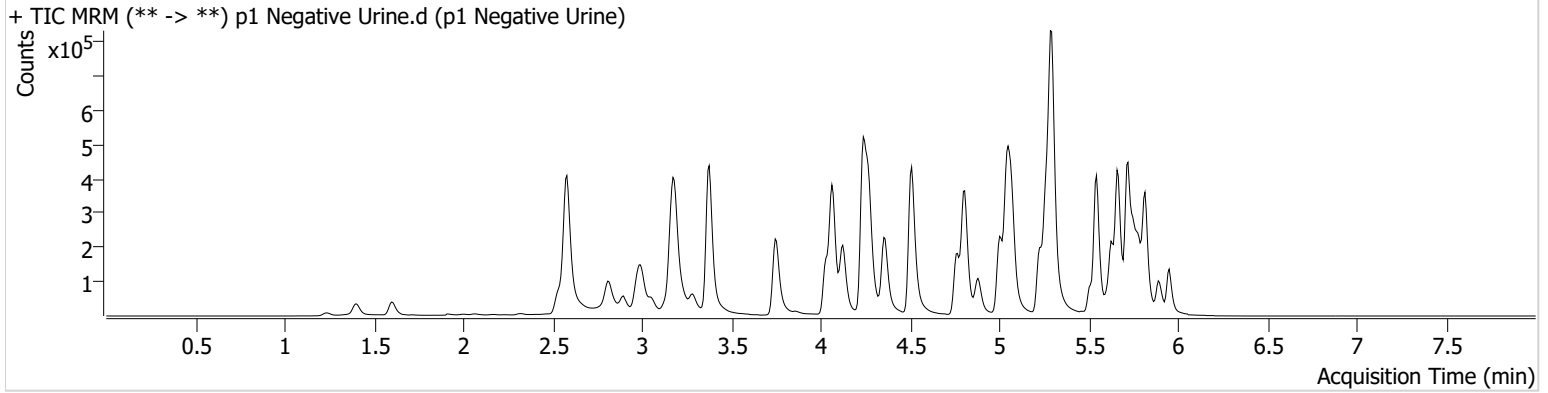


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F8	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 2:14:06 AM		
Sample Info.			

Sample Chromatogram



TS



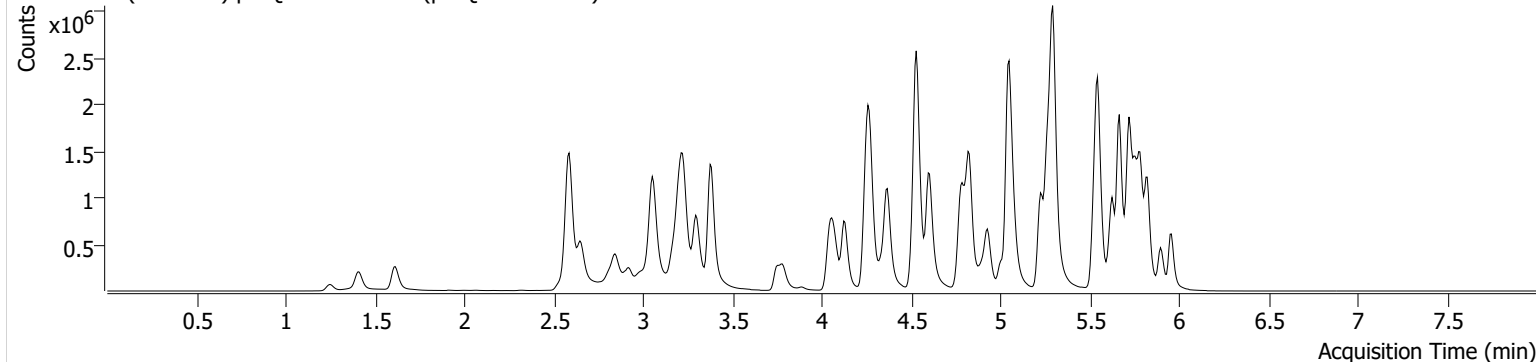
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 QC 100 Urine.d
Type	QC	Sample	p1 QC 100 Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D11	Comment	
Injection Volume	2		
Acq. Date-Time	4/1/2022 1:20:59 AM		
Sample Info.			

Sample Chromatogram

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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	22556	690.66	72.3	642.33	64239	9.9065 ng/ml
7-aminoclonazepam	4.258	410477	2982.34	80.4	326.67	163123	105.1987 ng/ml
a-hydroxyalprazolam	5.699	161637	494.24	65.9	736.85	252788	93.2211 ng/ml
alpha-PPH	4.930	385634	6432.29	260.0	6463.63	635186	95.8900 ng/ml
alpha-PVP	4.370	1416725	5532.39	52.5	703.65	635186	95.1389 ng/ml
Alprazolam	5.782	668789	∞	109.7	∞	252788	96.6592 ng/ml
Amphetamine	3.056	2365308	34443.14	51.7	9769.36	360586	100.1747 ng/ml
Benzoylcegonine	3.886	31452	1974.13	8.7	243.76	10778	104.5446 ng/ml
Buprenorphine	5.670	29219	560.57	14.2	2301.24	111129	10.5999 ng/ml
Bupropion	4.781	1558168	27313.45	63.3	10248.80	553552	101.7549 ng/ml
Carisoprodol	5.730	680192	190942.40	54.8	816.25	308910	92.0496 ng/ml
Citalopram	5.226	1154472	23553.87	38.3	17107.10	524897	95.7015 ng/ml
Clonazepam	5.612	561340	13807.43	34.9	348.91	75006	112.0059 ng/ml
Clonazepam	5.555	416771	15898.26	36.3	187294.15	75006	124.2127 ng/ml
Cocaine	4.271	892063	511.65	54.8	13528.38	802937	98.5389 ng/ml
Codeine	2.587	123776	3240.79	100.8	100.26	63674	104.2862 ng/ml
Cyclobenzaprine	5.635	1051850	36066.85	7.8	375.06	434859	97.6655 ng/ml
Dextromethorphan	5.275	745763	13385.23	78.4	5162.26	369009	98.1382 ng/ml
Dextrophan	4.132	417122	600.67	211.5	8725.35	482462	99.4290 ng/ml
Diazepam	5.960	532604	3584.66	92.4	2660.36	262656	101.1432 ng/ml
Dihydrocodeine	2.565	309988	11414.68	60.9	4123.57	199972	106.5084 ng/ml
Diphenhydramine	5.296	3403545	33721.01	31.7	1246.37	1945306	97.0169 ng/ml
Doxylamine	4.529	3206856	49651.61	98.0	31002.89	1366949	102.6767 ng/ml
EDDP	5.268	1171207	1215.25	41.5	2134.70	673226	97.3586 ng/ml
Etizolam	5.820	291180	1245.51	26.5	1052.04	75006	140.7999 ng/ml
Fentanyl	5.082	119191	2495.42	73.0	3607.47	660961	9.9349 ng/ml
Flualprazolam	5.705	290343	6217.39	102.4	873.29	252788	106.2877 ng/ml
Fluoxetine	5.721	1371682	30238.10	8.8	21200.88	512401	98.5228 ng/ml
Hydrocodone	3.025	486359	176.99	34.0	138.00	269678	110.0030 ng/ml
Hydromorphone	1.615	431609	1298.36	74.5	1935225.26	141274	102.1757 ng/ml
Ketamine	4.051	983968	808.83	38.5	1240.11	462731	103.3139 ng/ml
Lamotrigine	4.280	85163	870.23	83.2	1654.01	462731	102.4909 ng/ml
Levetiracetam	2.656	458328	4138.09	142.4	56.28	1286481	97.7532 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	435084	2269.09	52.4	371.27	75006	107.9751 ng/ml
MDA	3.203	1575865	4952.20	28.2	688.91	518622	106.8851 ng/ml
MDMA	3.296	989137	5498.34	90.9	2690.96	118650	98.5216 ng/ml
Meprobamate	4.911	430499	562.86	24.7	2201.58	240898	107.0013 ng/ml
Methadone	5.666	1935129	52950.02	51.0	2932.75	846092	92.3749 ng/ml
Methamphetamine	3.231	2102391	1080.96	38.8	631.45	872319	106.6269 ng/ml
Metoprolol	4.333	259273	2128.40	95.9	6994.09	1248186	103.1280 ng/ml
Mirtazapine	4.604	2119561	25144.03	46.3	4260.96	635186	98.8347 ng/ml
Mitragynine	5.216	477496	54579.83	35.2	1116.92	846092	113.6843 ng/ml
Morphine	1.253	68567	485.62	18.0	8849.64	12054	105.3889 ng/ml
Norbuprenorphine	4.999	4280	5455.25	88.4	207.02	19343	9.8689 ng/ml
Nordiazepam	5.900	462985	1259.79	59.9	542.67	161363	100.1264 ng/ml
Norfentanyl	4.093	215801	127.06	36.5	643.76	1003659	9.2908 ng/ml
Norhydrocodone	3.080	72128	114.64	39.5	127.47	61050	94.9880 ng/ml
Noroxycodone	2.923	457389	915.39	48.0	5726.14	157671	100.8971 ng/ml
O-desmethyl-tramadol	3.383	2141820	111441.41	5.8	225.71	1285745	96.4737 ng/ml
Oxazepam	5.756	652312	2380.77	72.6	2413.56	266497	102.3246 ng/ml
Oxycodone	2.841	953002	640.29	29.7	933.06	402761	100.8790 ng/ml
Oxymorphone	1.405	403470	∞	46.0	∞	137804	96.7822 ng/ml
Phentermine	3.790	586882	1666.04	5.4	679.83	725342	101.9496 ng/ml
Promethazine	5.545	2331452	31198.07	29.8	1121.75	1023513	97.0824 ng/ml
Pseudoephedrine	2.589	2656829	14284.72	16.8	6648.15	1286481	99.2062 ng/ml
Quetiapine	5.521	1308885	718.09	60.6	1027.13	209347	99.7323 ng/ml
Sertraline	5.789	470533	1044.56	91.6	569.79	208377	97.8284 ng/ml
Temazepam	5.823	1121845	14360.20	27.5	∞	582608	98.4860 ng/ml
Tramadol	4.252	2331326	25344.94	3.3	692.05	1248186	99.6538 ng/ml
Trazodone	5.040	1472762	31063.65	79.0	1435.79	684420	103.0858 ng/ml
Venlafaxine	5.050	1996947	24038.18	34.5	658.80	1144396	95.1072 ng/ml
Zolpidem	4.826	2297082	75278.50	29.4	4183.79	1005933	100.0254 ng/ml

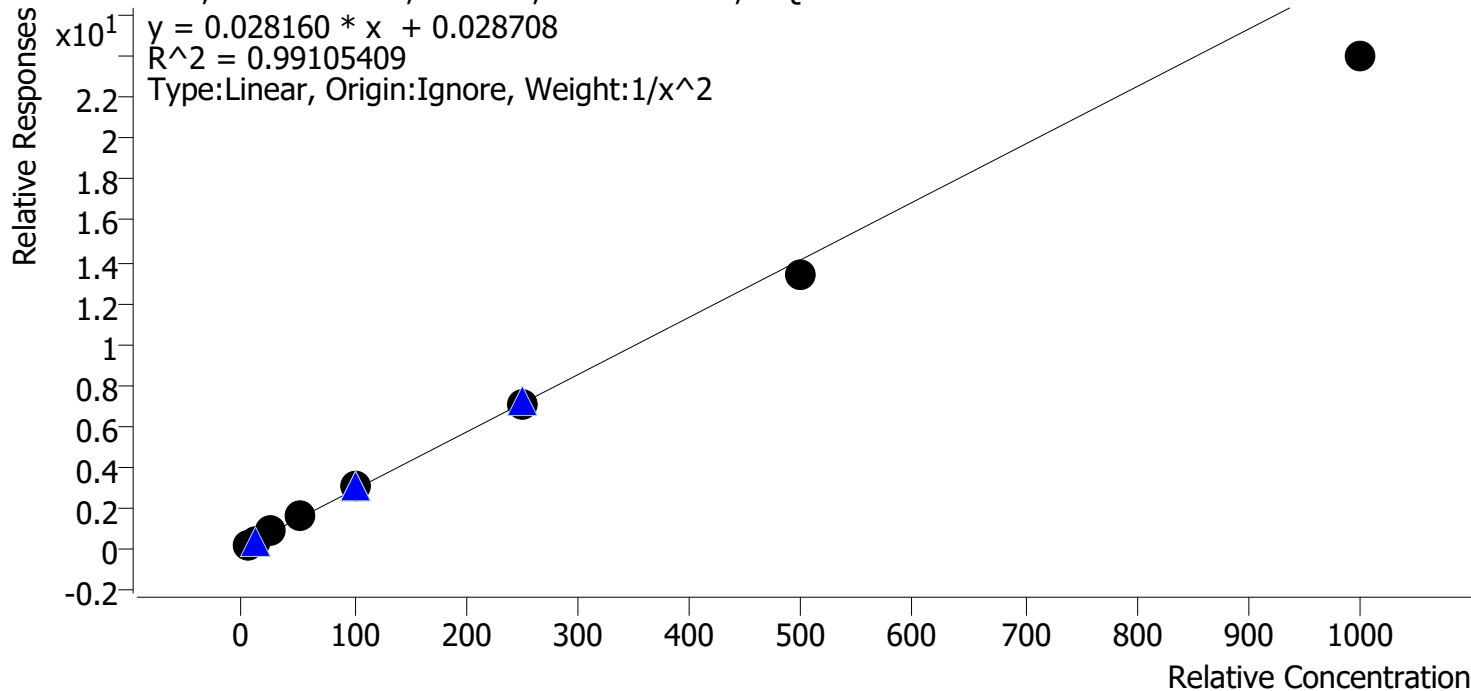
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	247.6	99.1
p1 Cal 7-500ng	7	✓	500.0	471.0	94.2
p1 Cal 8-1000ng	8	✓	1000.0	852.4	85.2

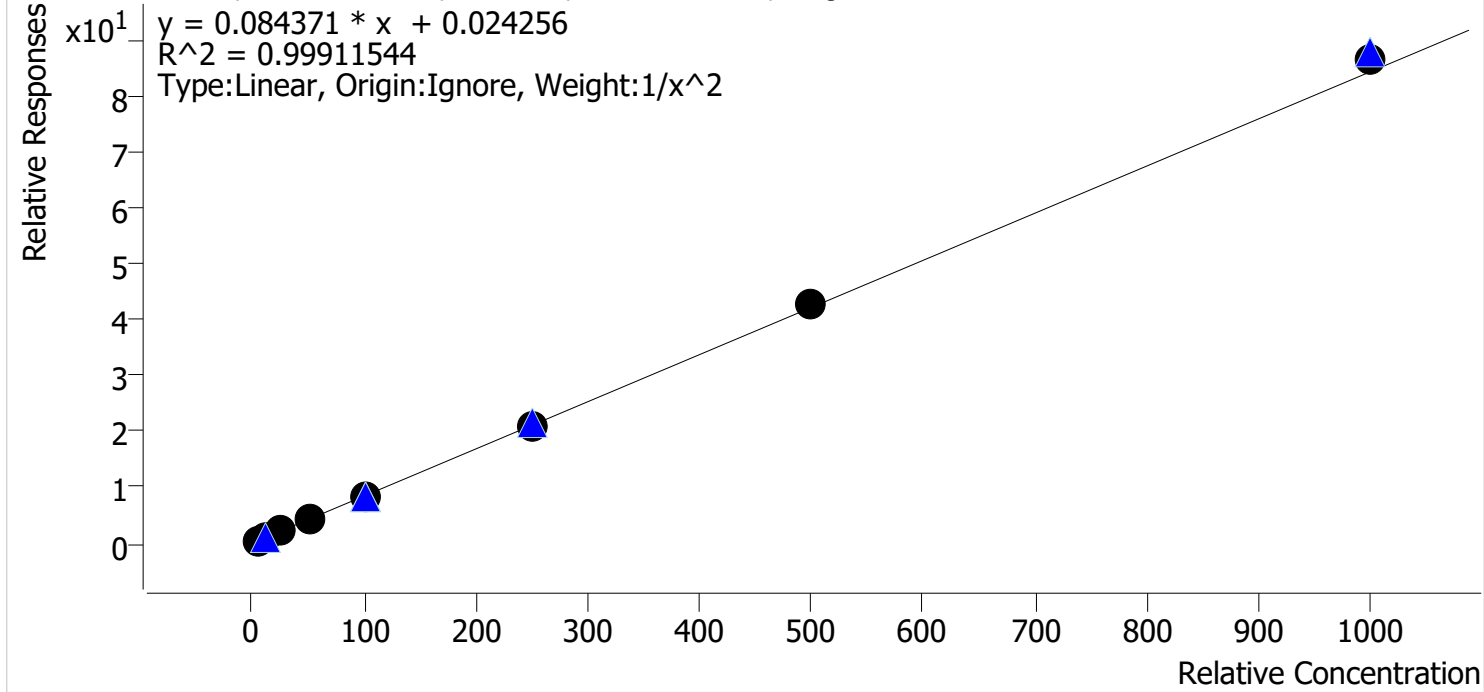
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1027.9	102.8

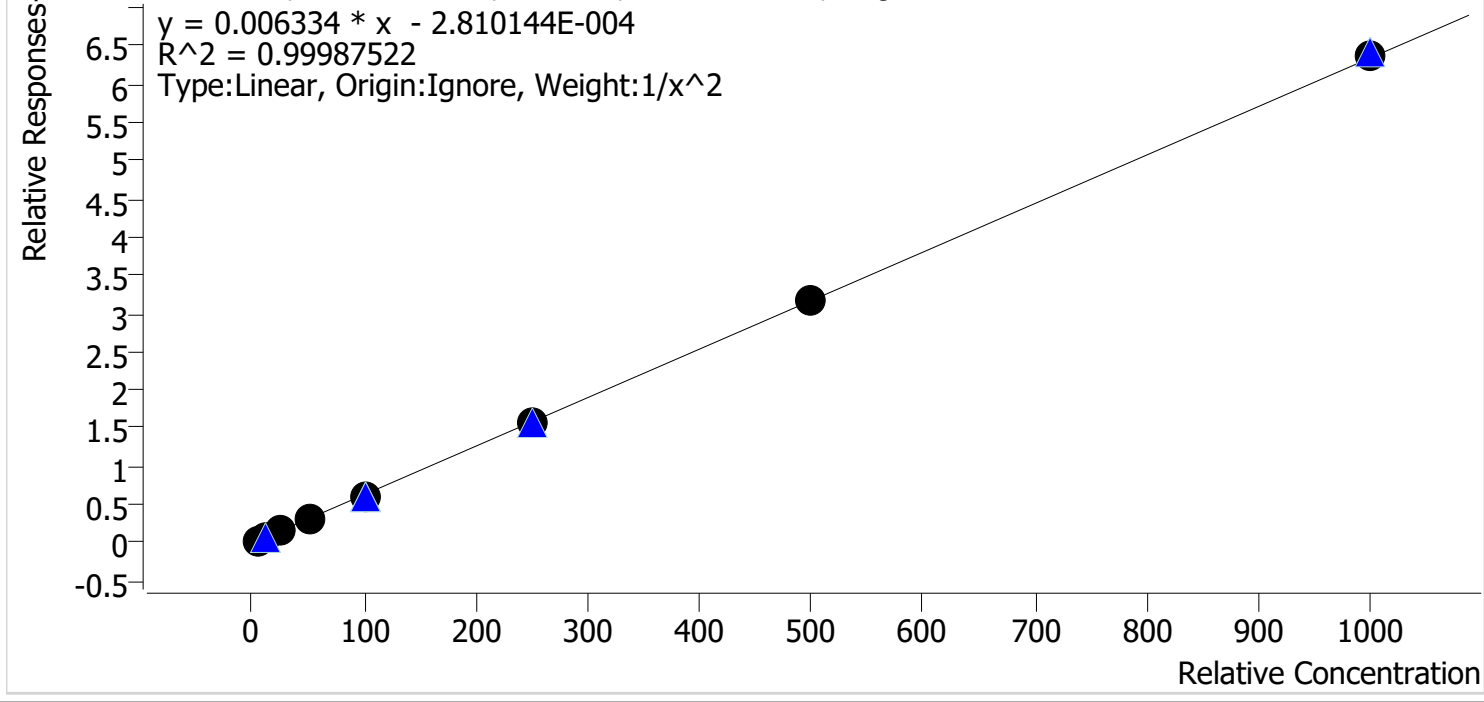
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1007.3	100.7

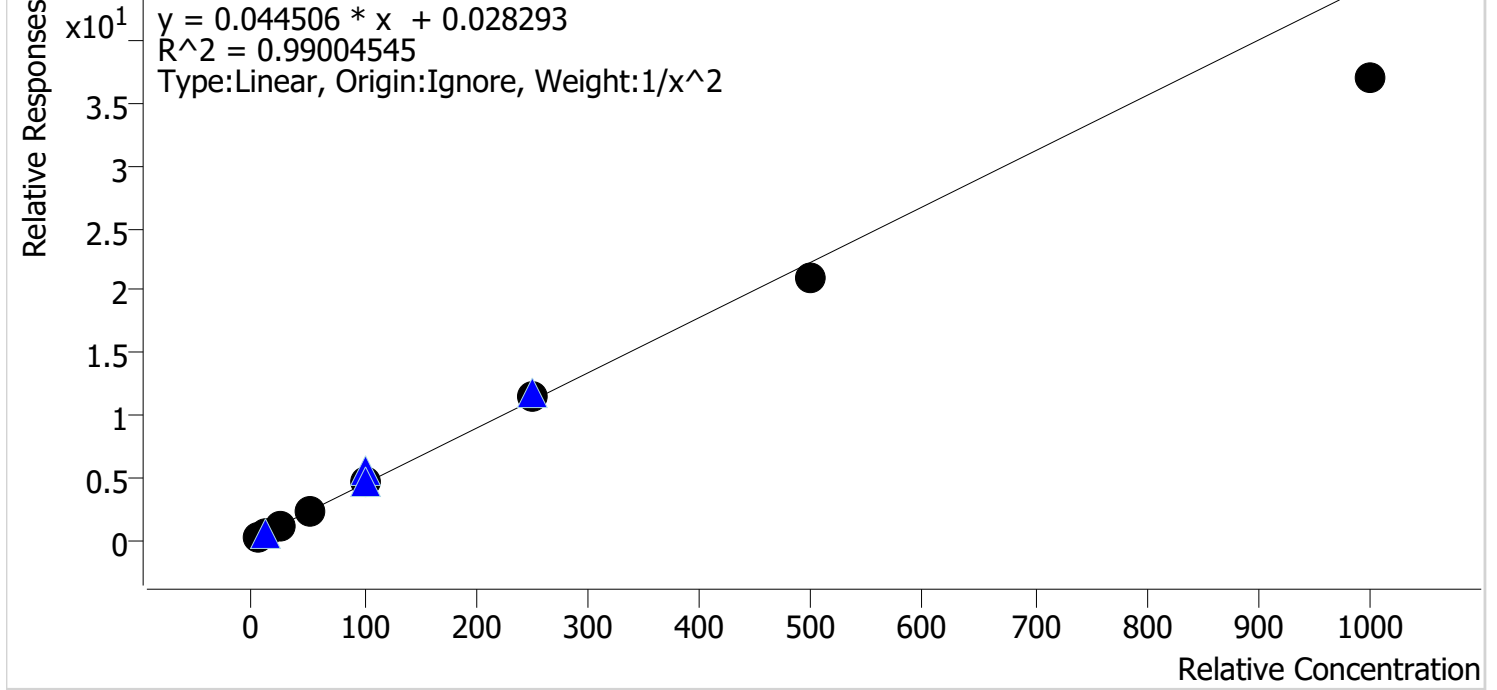
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



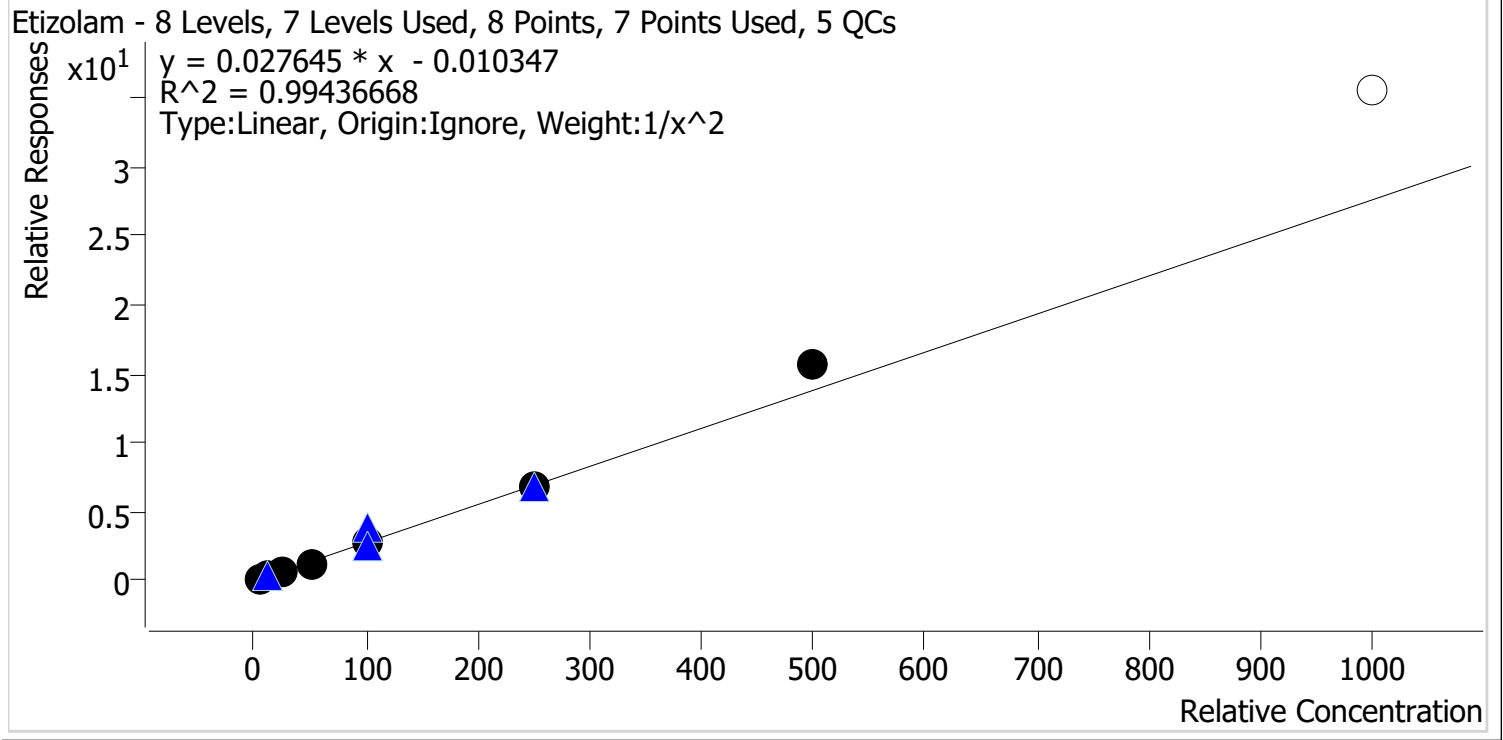
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	468.4	93.7
p1 Cal 8-1000ng	8	✓	1000.0	830.1	83.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	565.1	113.0
p1 Cal 8-1000ng	8	x	1000.0	1287.0	128.7

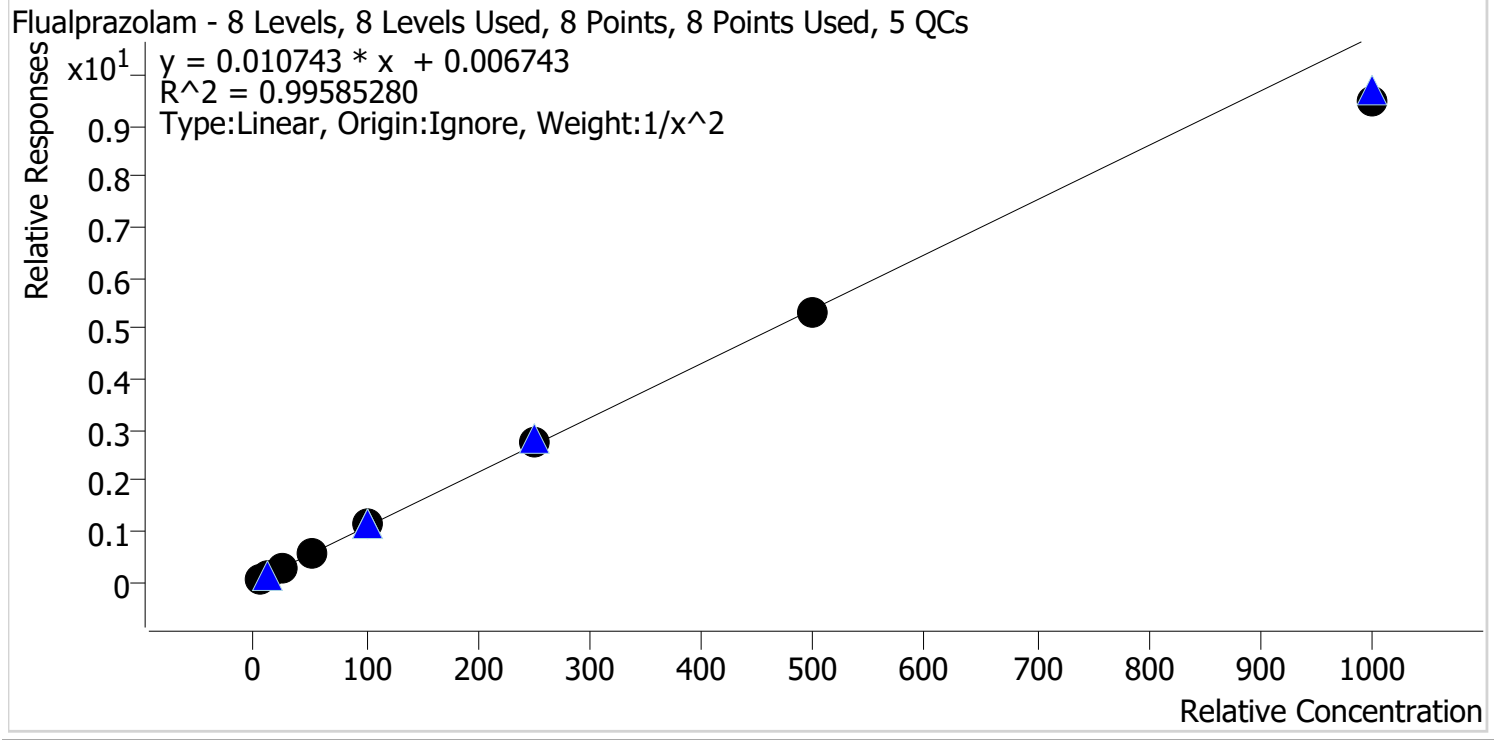
Cal 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



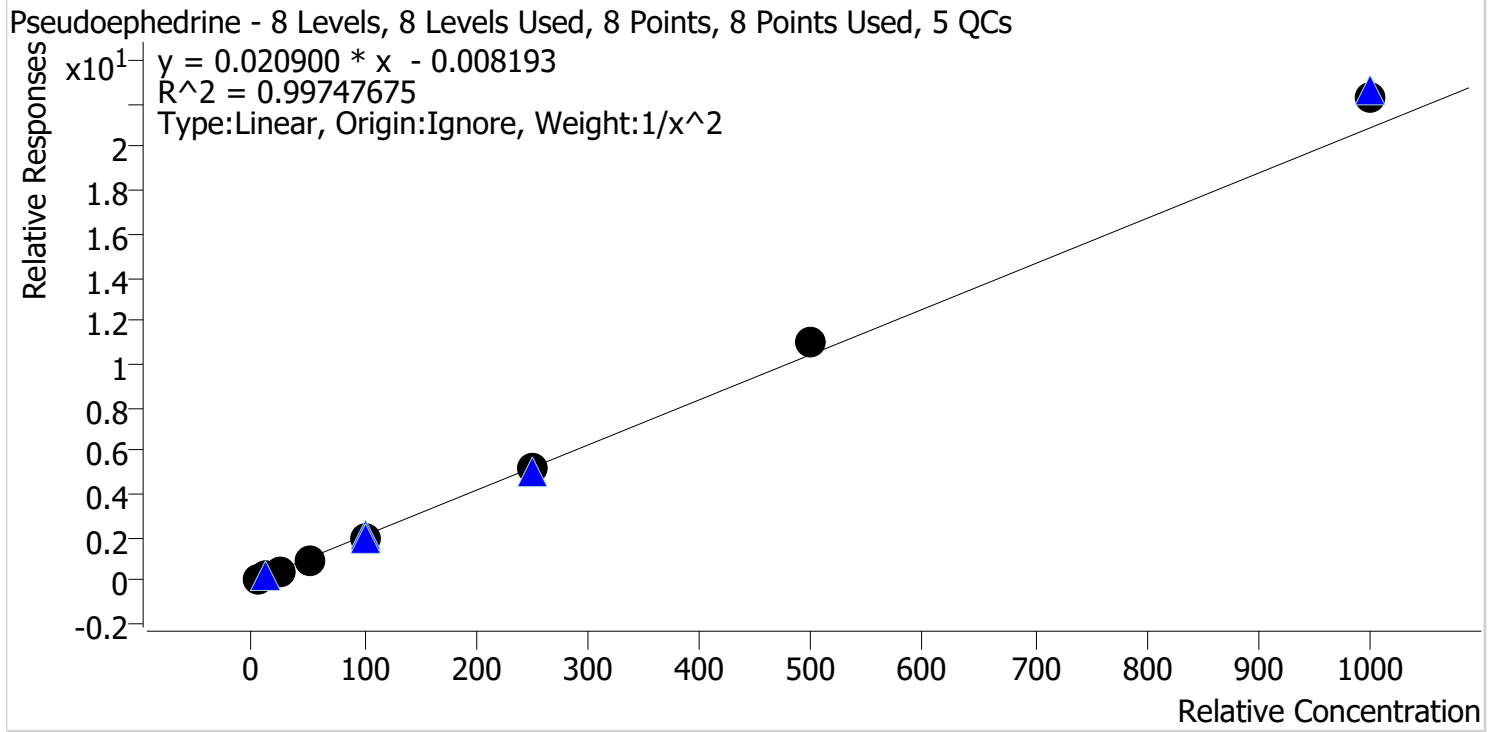
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	491.1	98.2
p1 Cal 8-1000ng	8	✓	1000.0	884.9	88.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



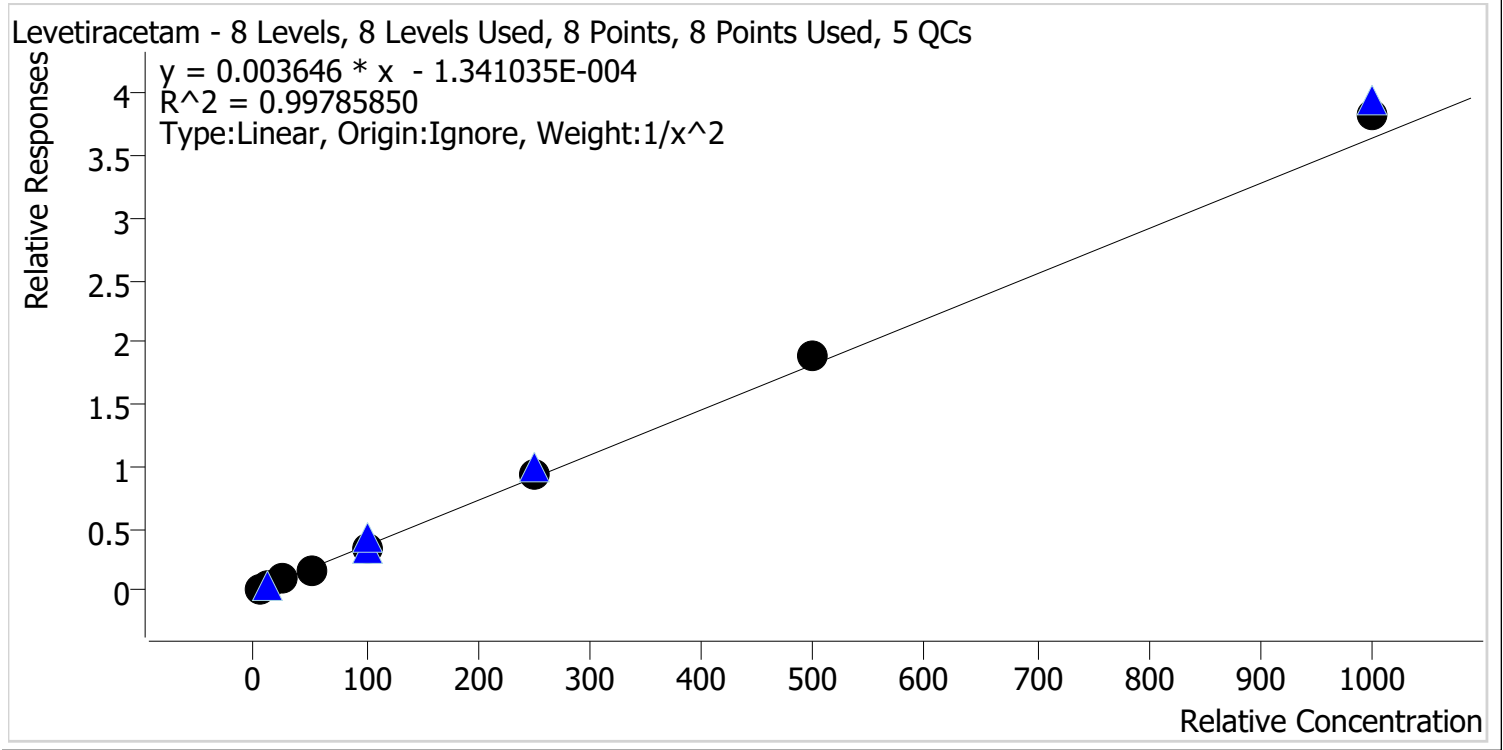
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	527.4	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1070.5	107.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1053.2	105.3

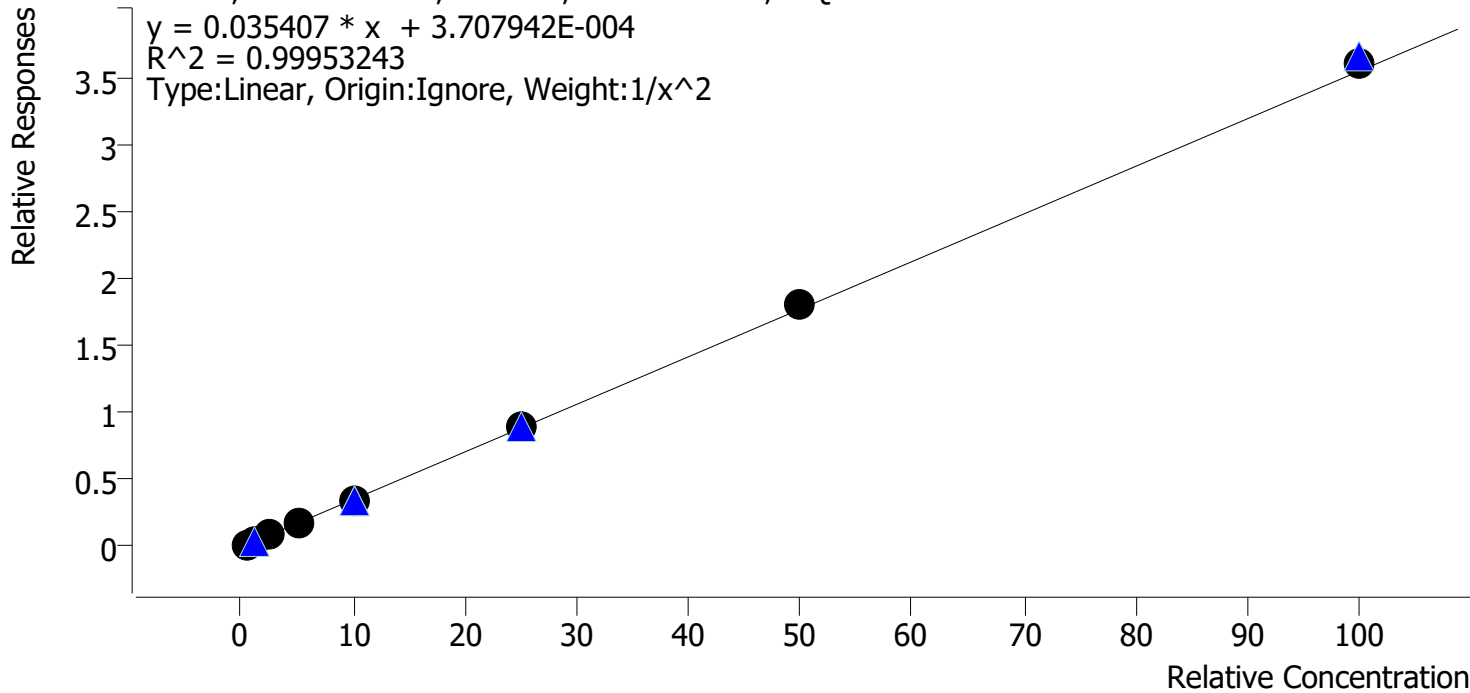
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



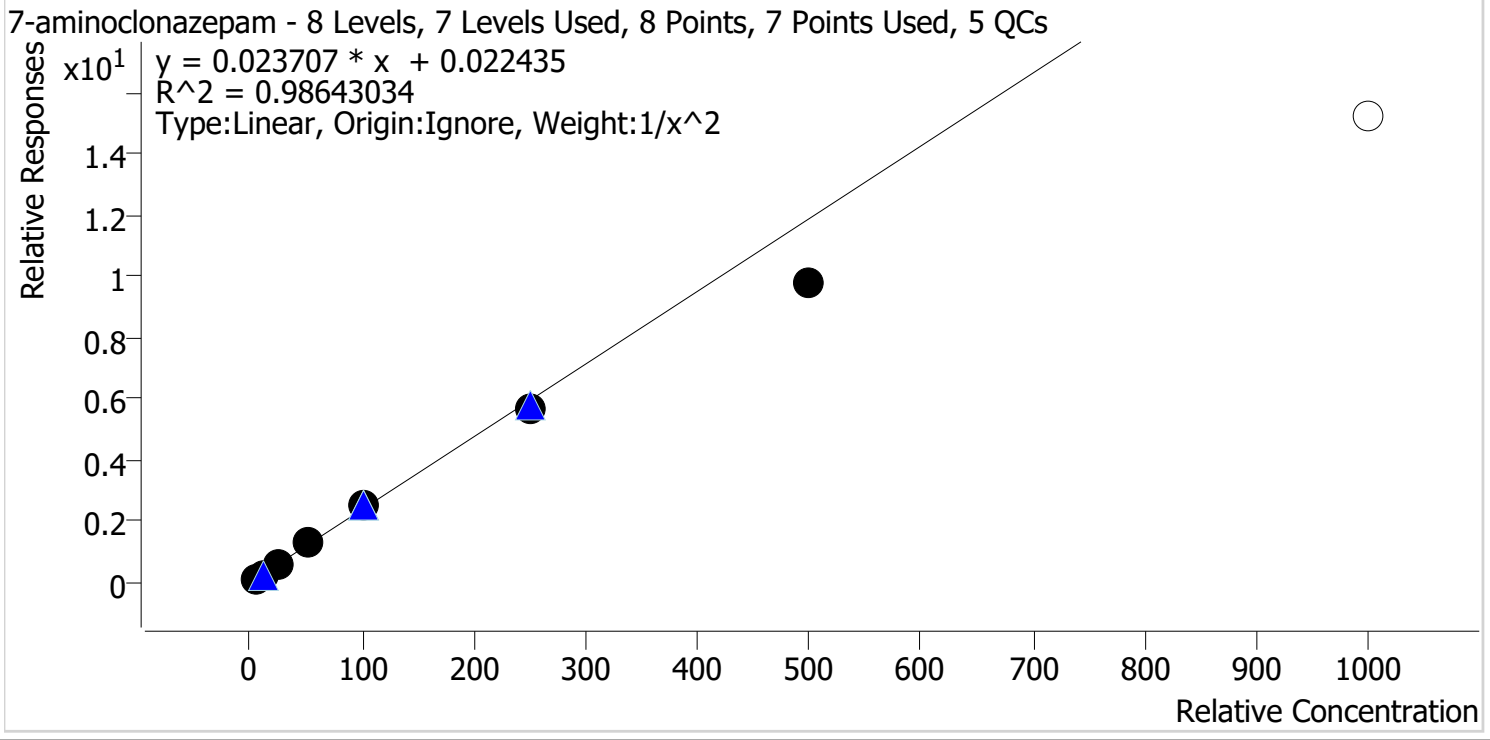
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.7
p1 Cal 2-10ng	2	✓	1.0	1.0	100.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.5
p1 Cal 5-100ng	5	✓	10.0	10.1	100.8
p1 Cal 6-250ng	6	✓	25.0	25.0	100.2
p1 Cal 7-500ng	7	✓	50.0	50.8	101.6
p1 Cal 8-1000ng	8	✓	100.0	101.8	101.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datator
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2-10ng	2	✓	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	237.3	94.9
p1 Cal 7-500ng	7	✓	500.0	409.5	81.9
p1 Cal 8-1000ng	8	✗	1000.0	641.9	64.2

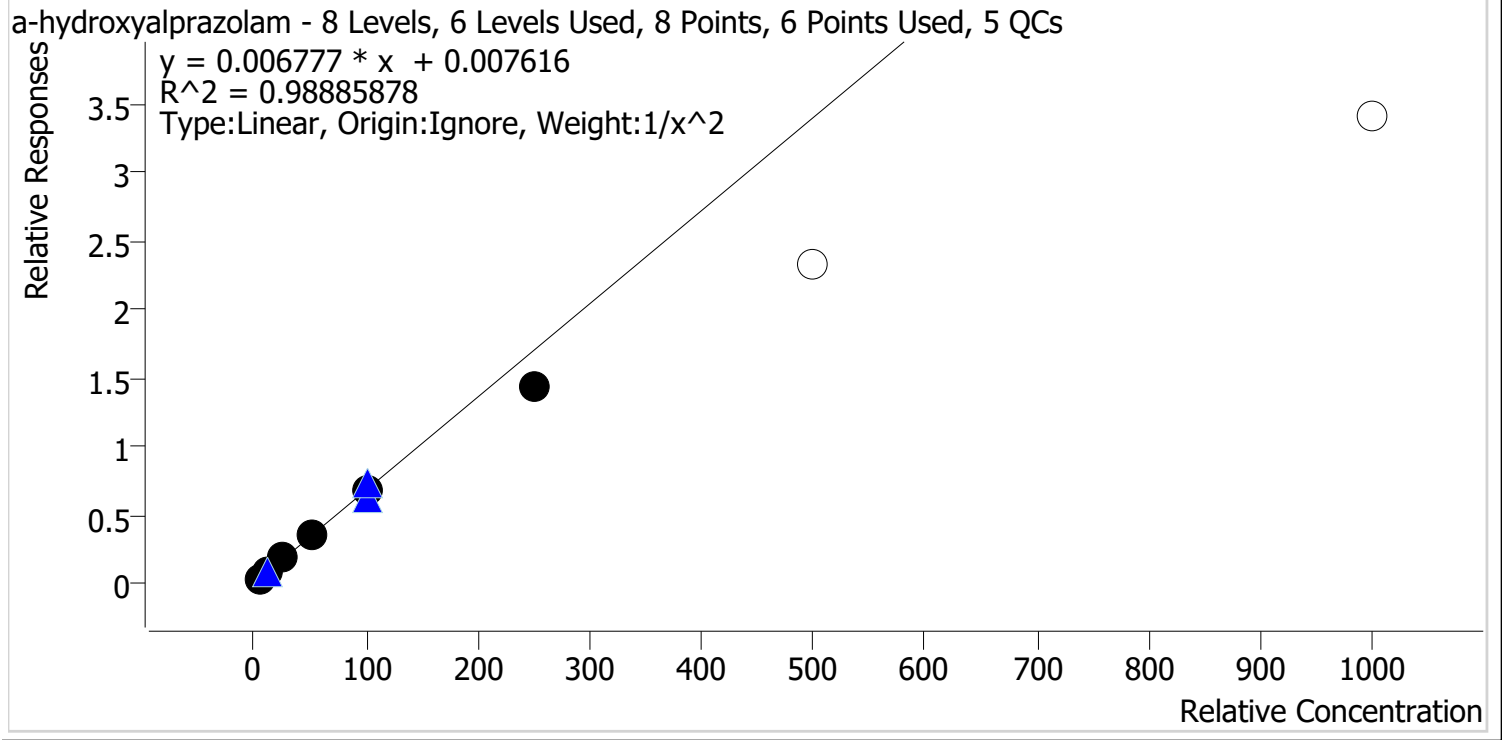
Cal 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	212.3	84.9
p1 Cal 7-500ng	7	✗	500.0	340.8	68.2
p1 Cal 8-1000ng	8	✗	1000.0	501.8	50.2

Cal 7 and 8 dropped due to accuracy

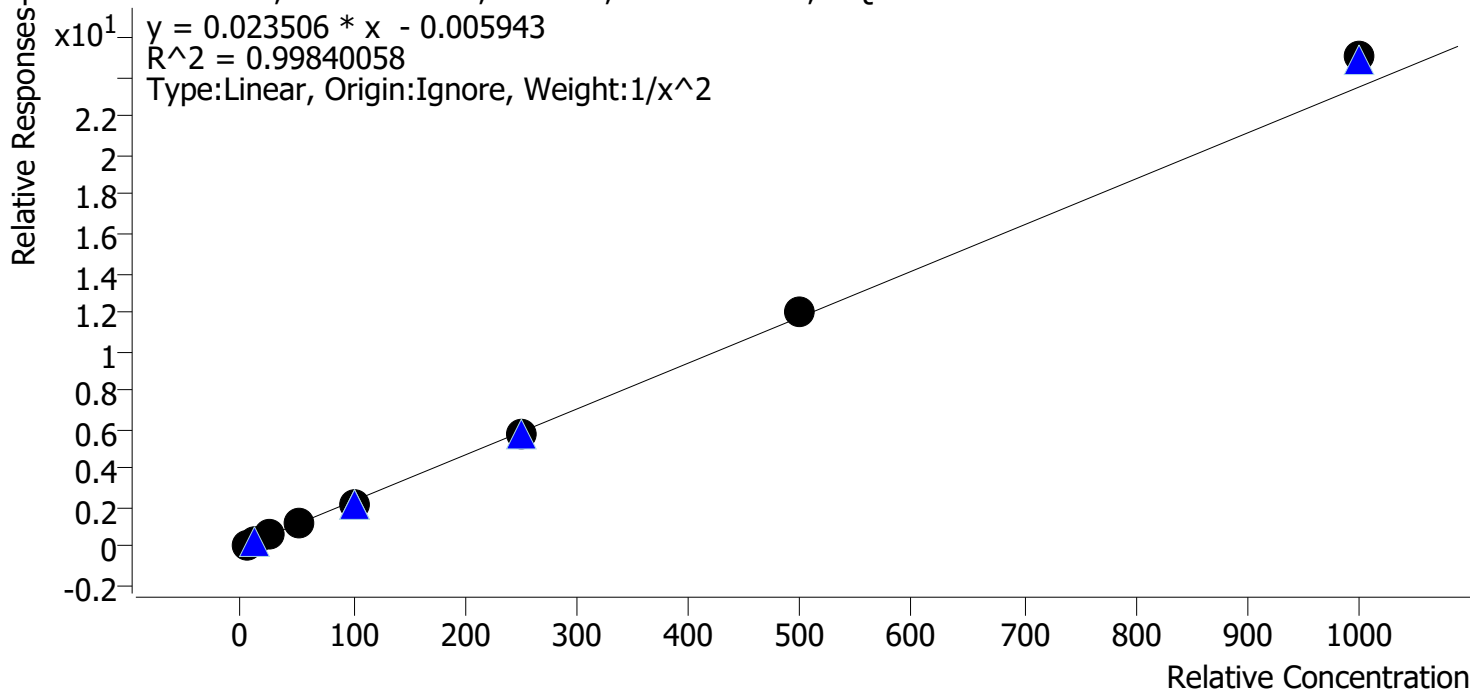
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	515.2	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1066.0	106.6

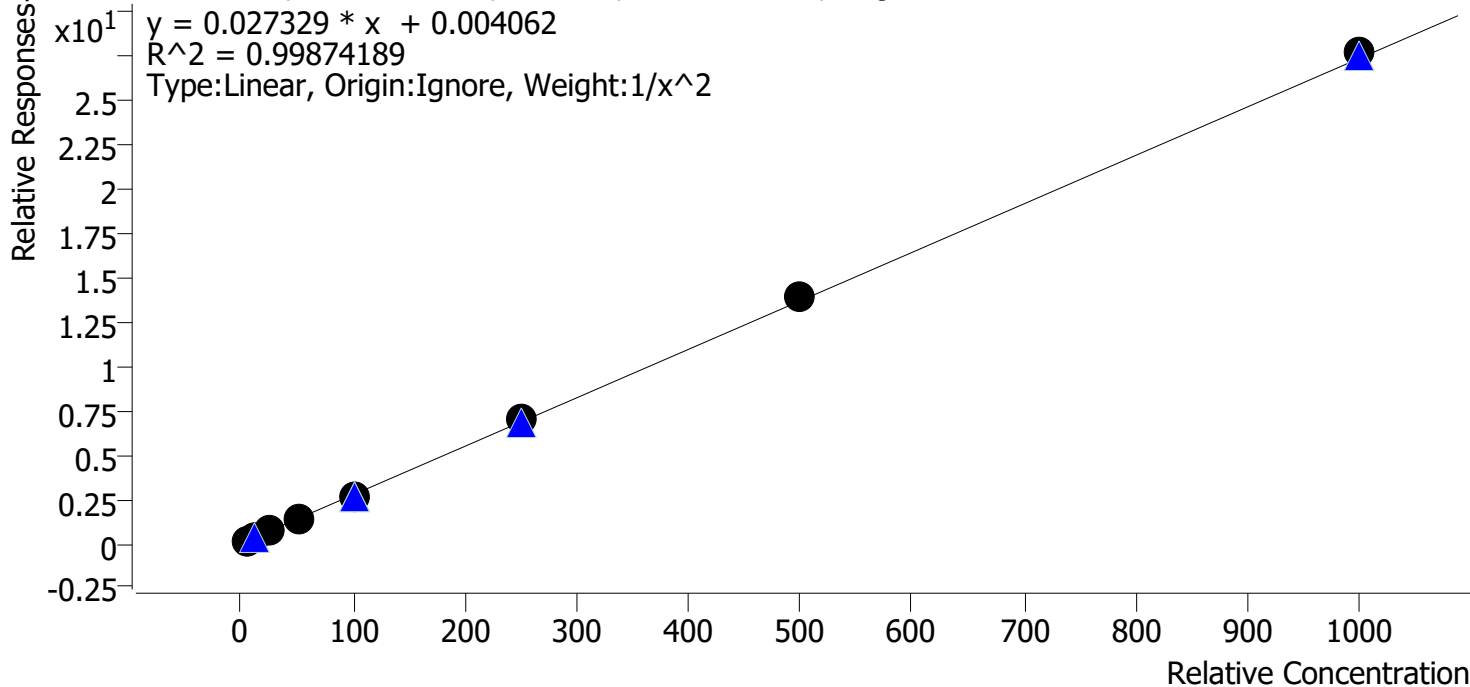
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



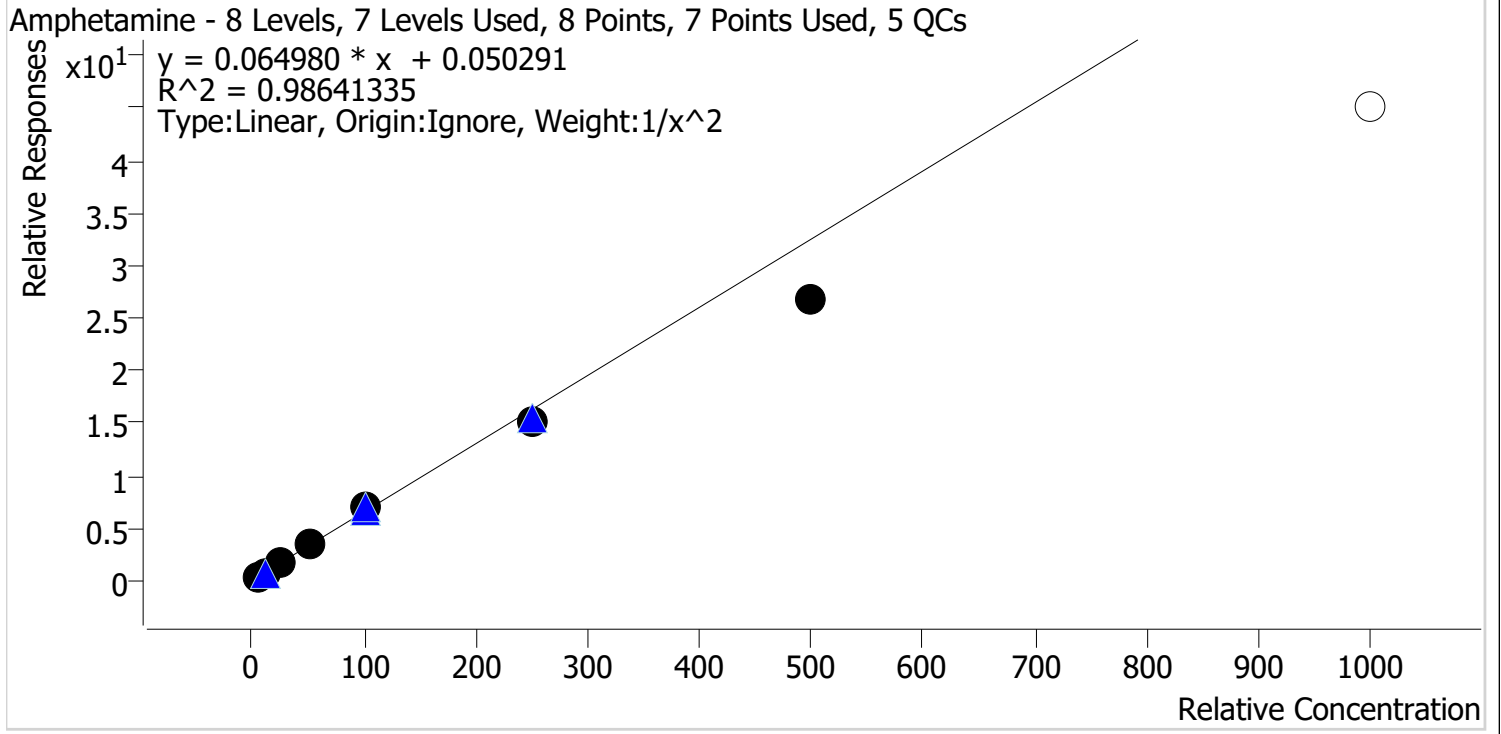
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	511.8	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1012.2	101.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 4/4/2022 2:23 PM
 Analyst Name ISP\Datastor
 Analyte Amphetamine Internal Standard Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.6
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	234.9	93.9
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	✗	1000.0	696.3	69.6

Cal 8 dropped due to accuracy

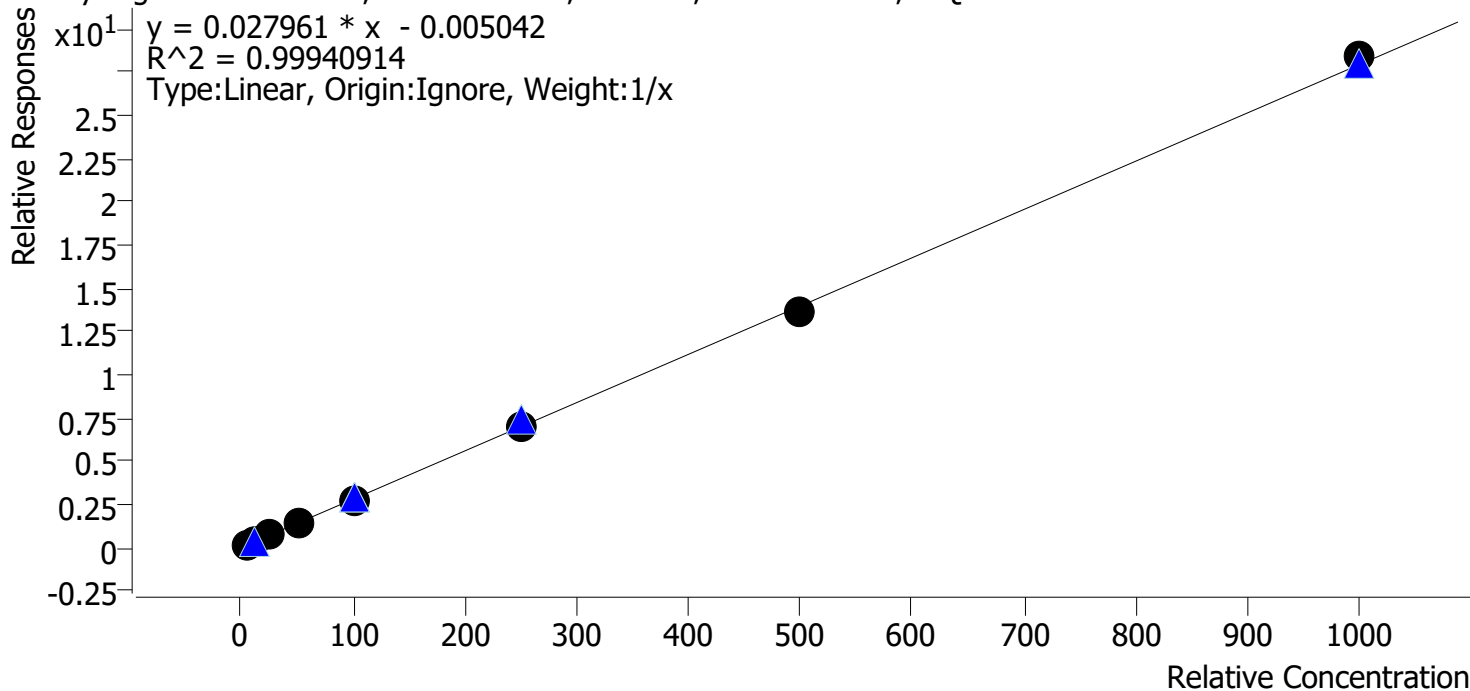
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datator
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.8
p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	94.9	94.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng	8	✓	1000.0	1016.8	101.7

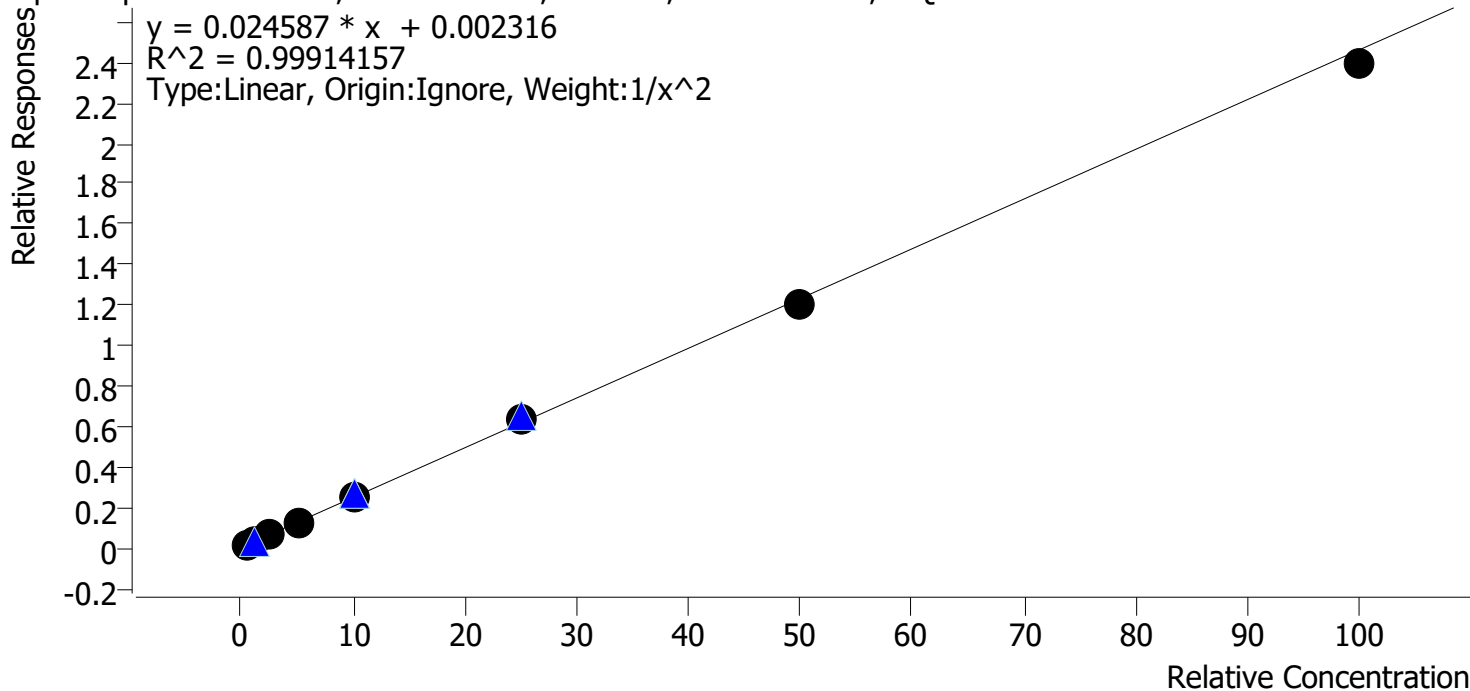
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



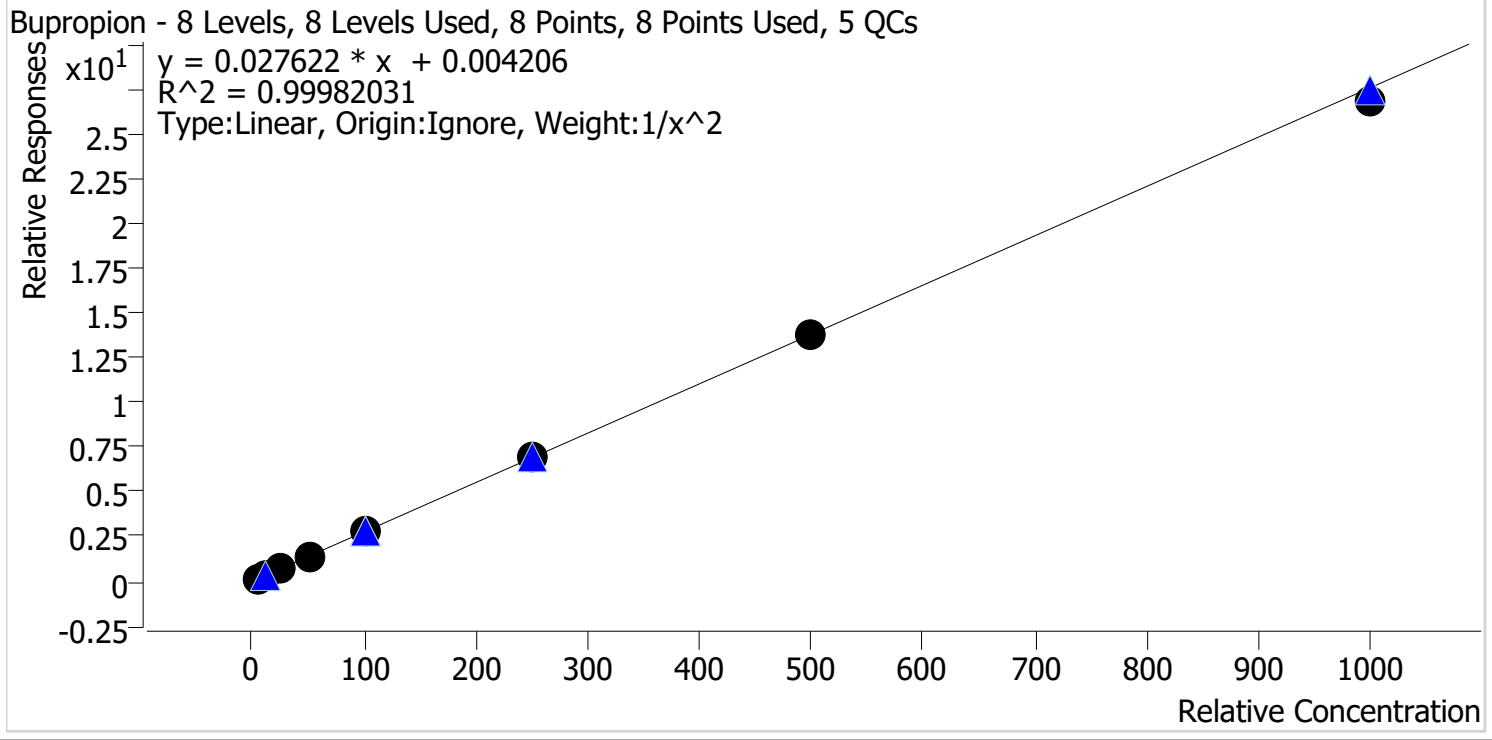
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.5
p1 Cal 2-10ng	2	✓	1.0	1.0	104.9
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.4
p1 Cal 5-100ng	5	✓	10.0	10.1	100.9
p1 Cal 6-250ng	6	✓	25.0	25.4	101.4
p1 Cal 7-500ng	7	✓	50.0	49.1	98.2
p1 Cal 8-1000ng	8	✓	100.0	97.0	97.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



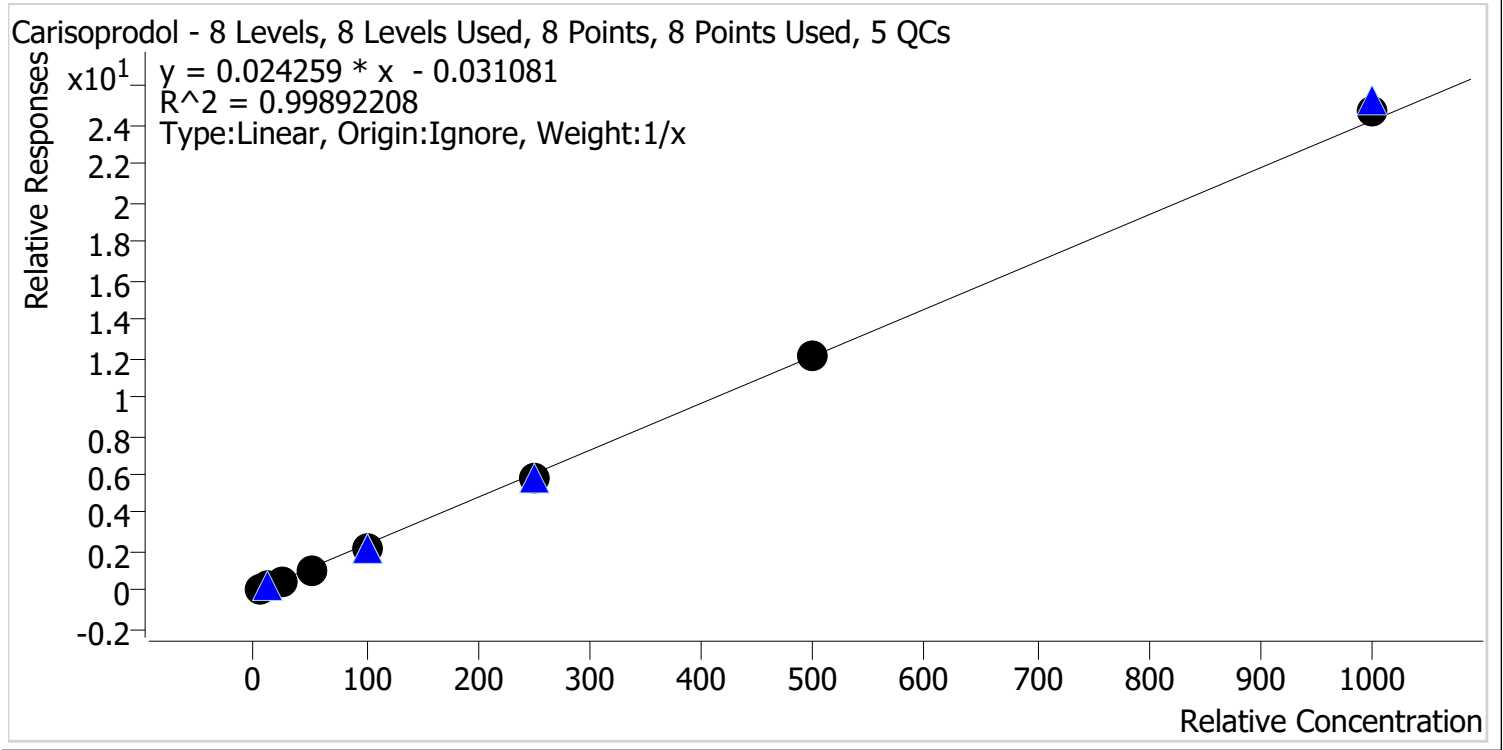
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	500.5	100.1
p1 Cal 8-1000ng	8	✓	1000.0	975.0	97.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



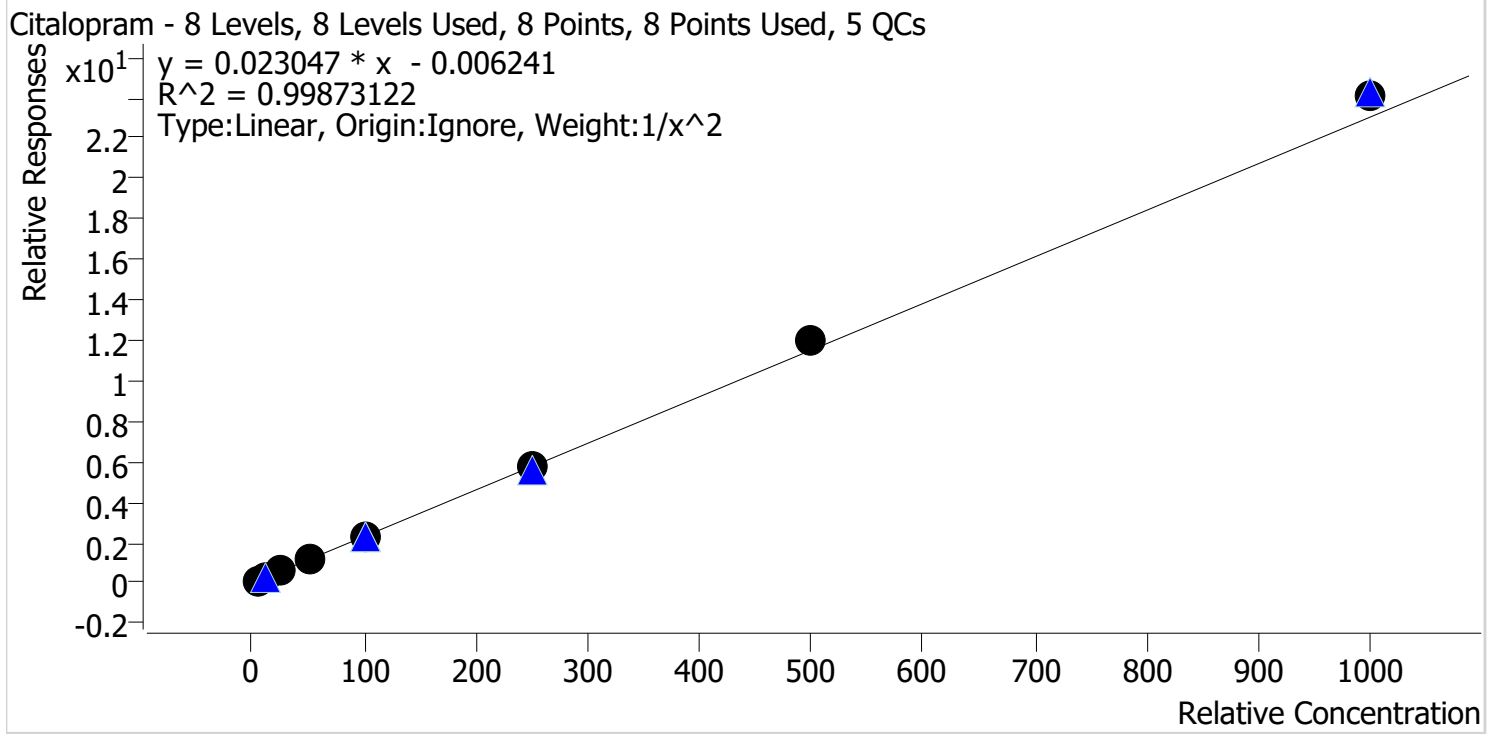
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	91.6	91.6
p1 Cal 6-250ng	6	✓	250.0	239.1	95.6
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1018.6	101.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



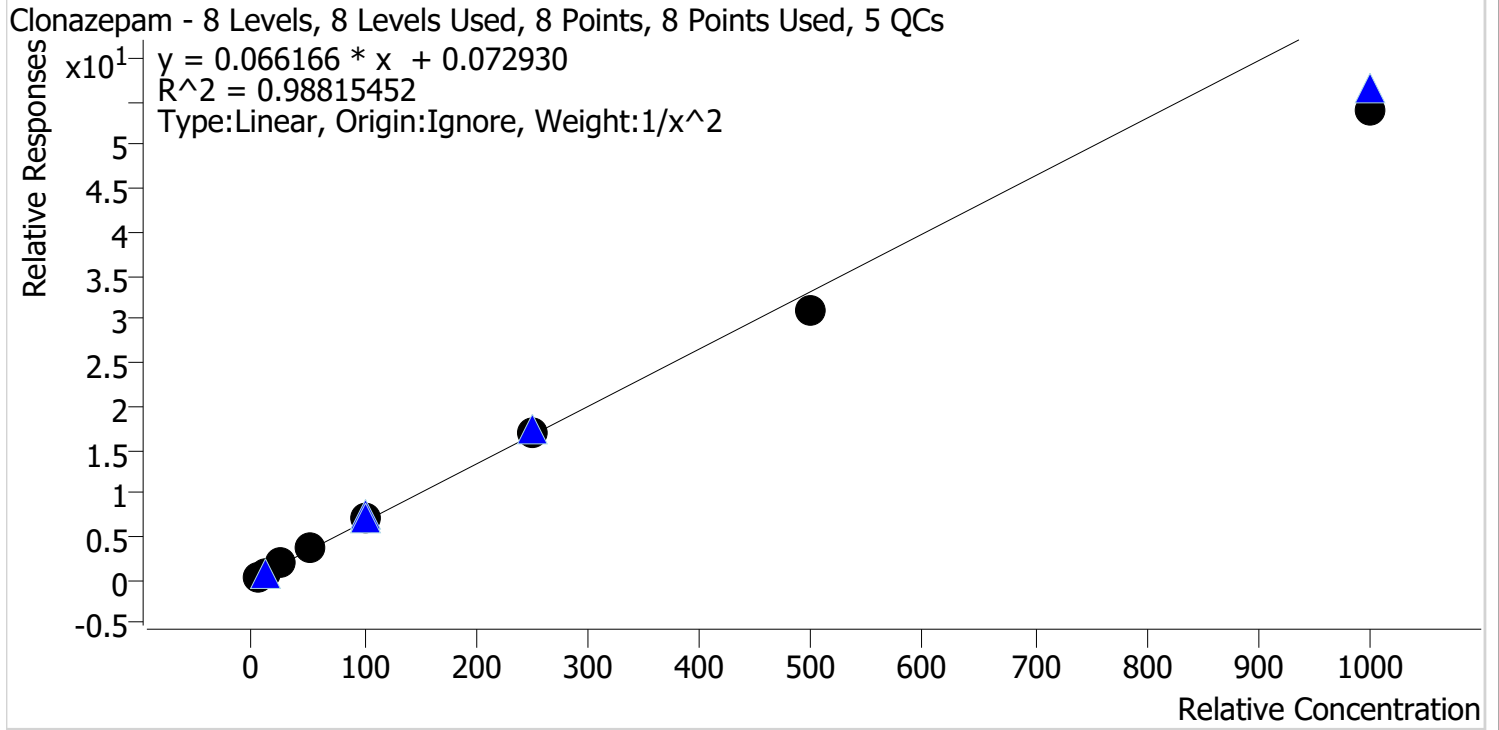
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	518.0	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1046.9	104.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	256.6	102.7
p1 Cal 7-500ng	7	✓	500.0	466.7	93.3
p1 Cal 8-1000ng	8	✓	1000.0	811.2	81.1

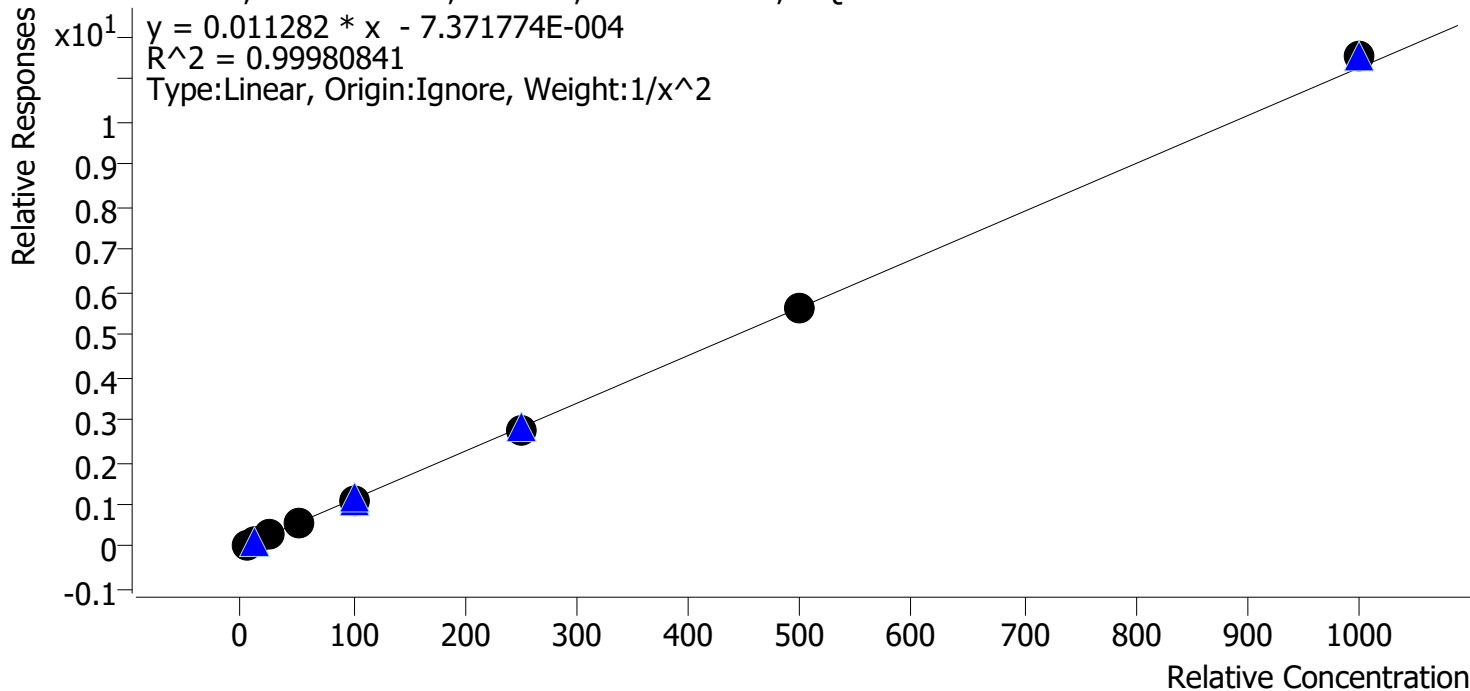
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



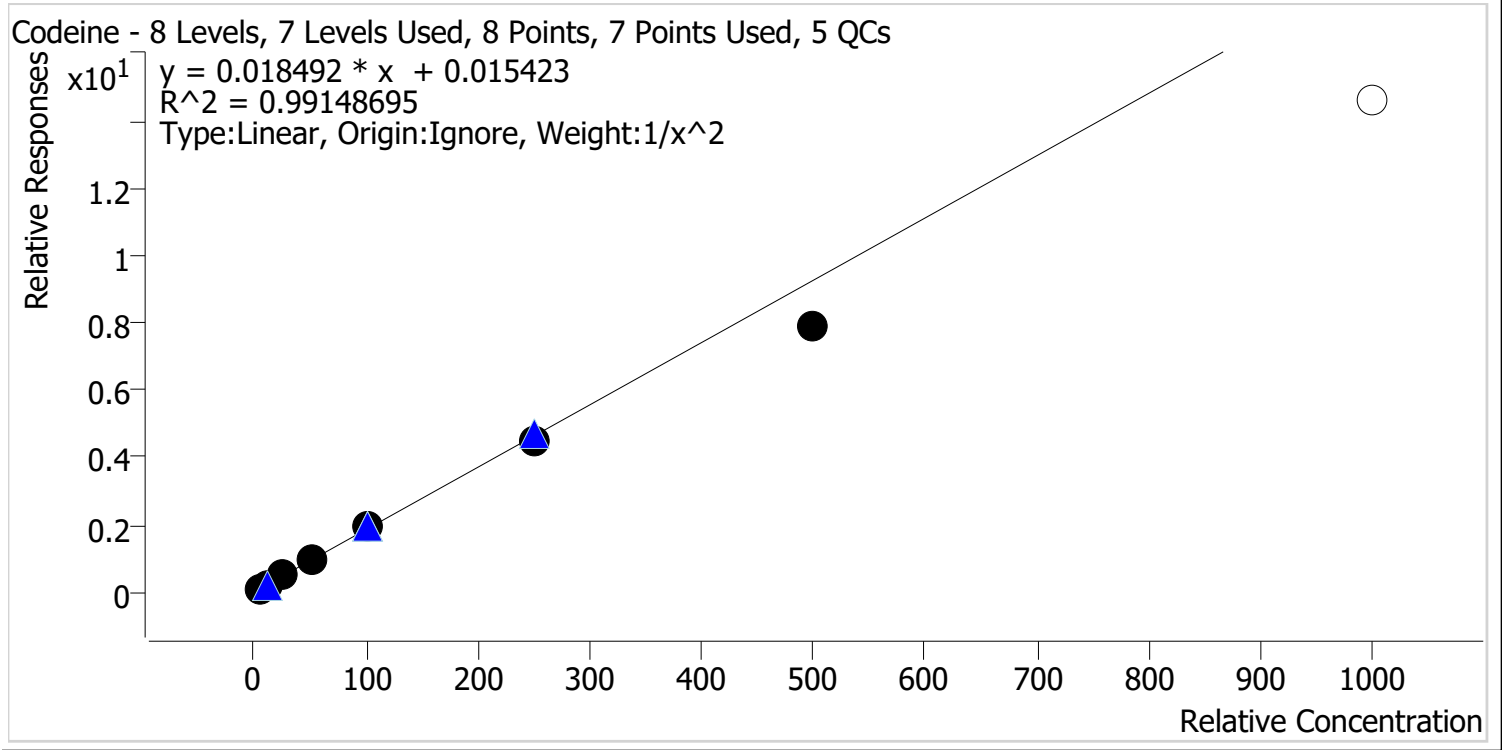
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1023.3	102.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 4/4/2022 2:23 PM
 Analyst Name ISP\Datastor
 Analyte Codeine Internal Standard Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	424.5	84.9
p1 Cal 8-1000ng	8	✗	1000.0	788.4	78.8

Cal 8 dropped due to accuracy

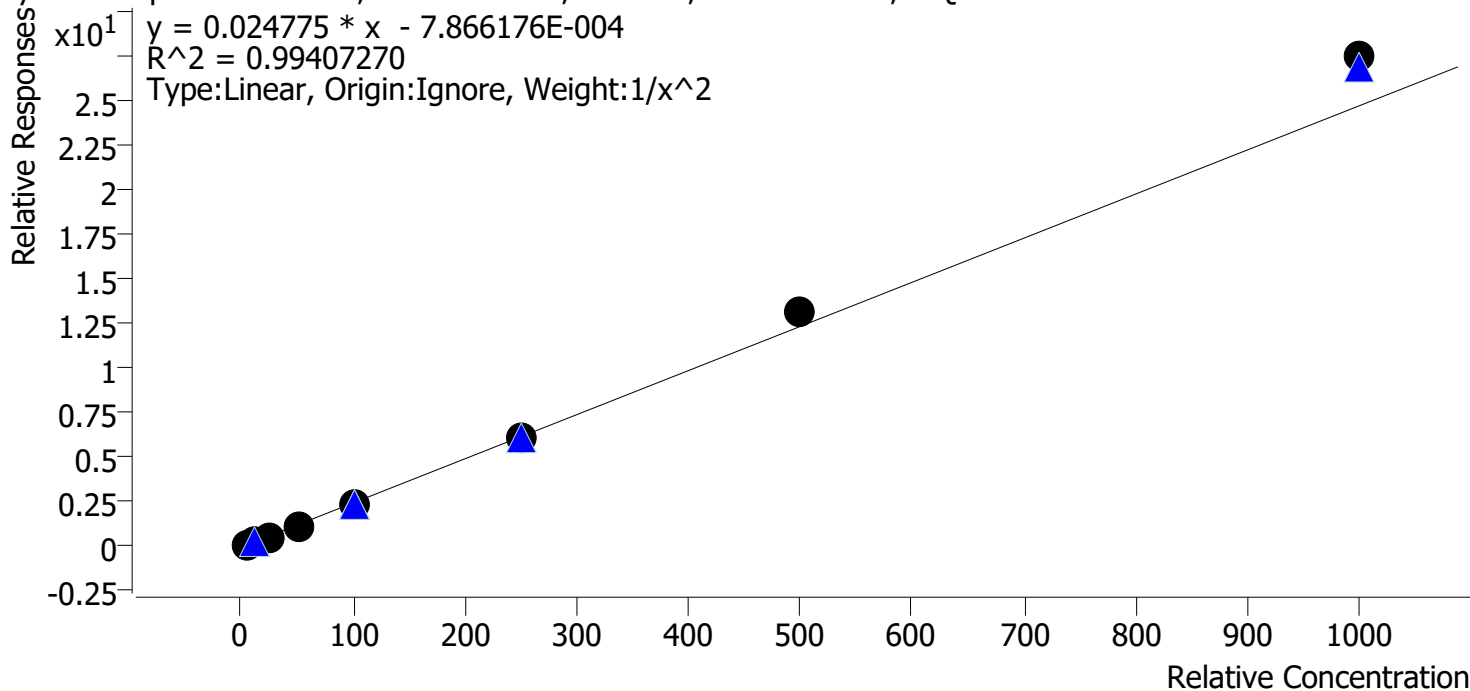
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



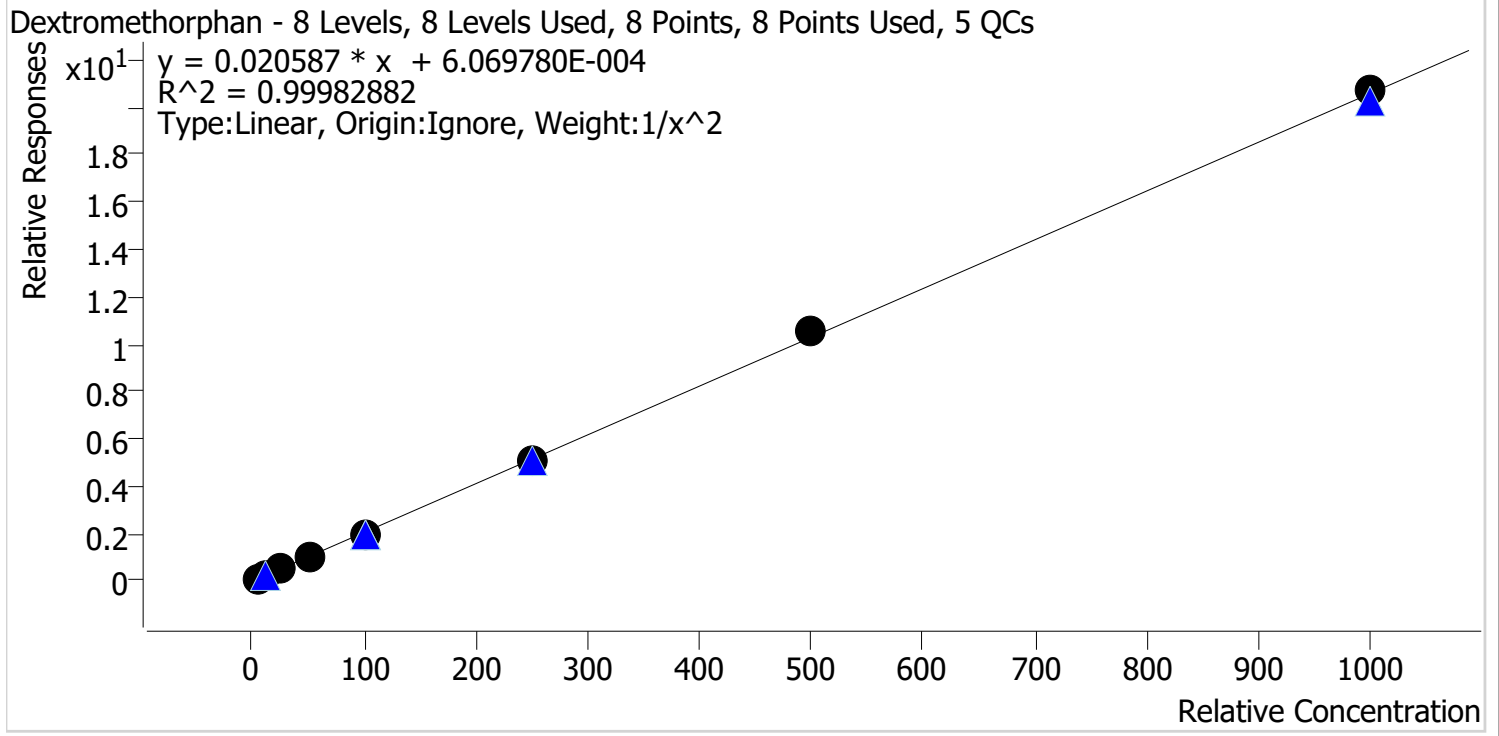
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	9.4	94.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	533.1	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1111.6	111.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



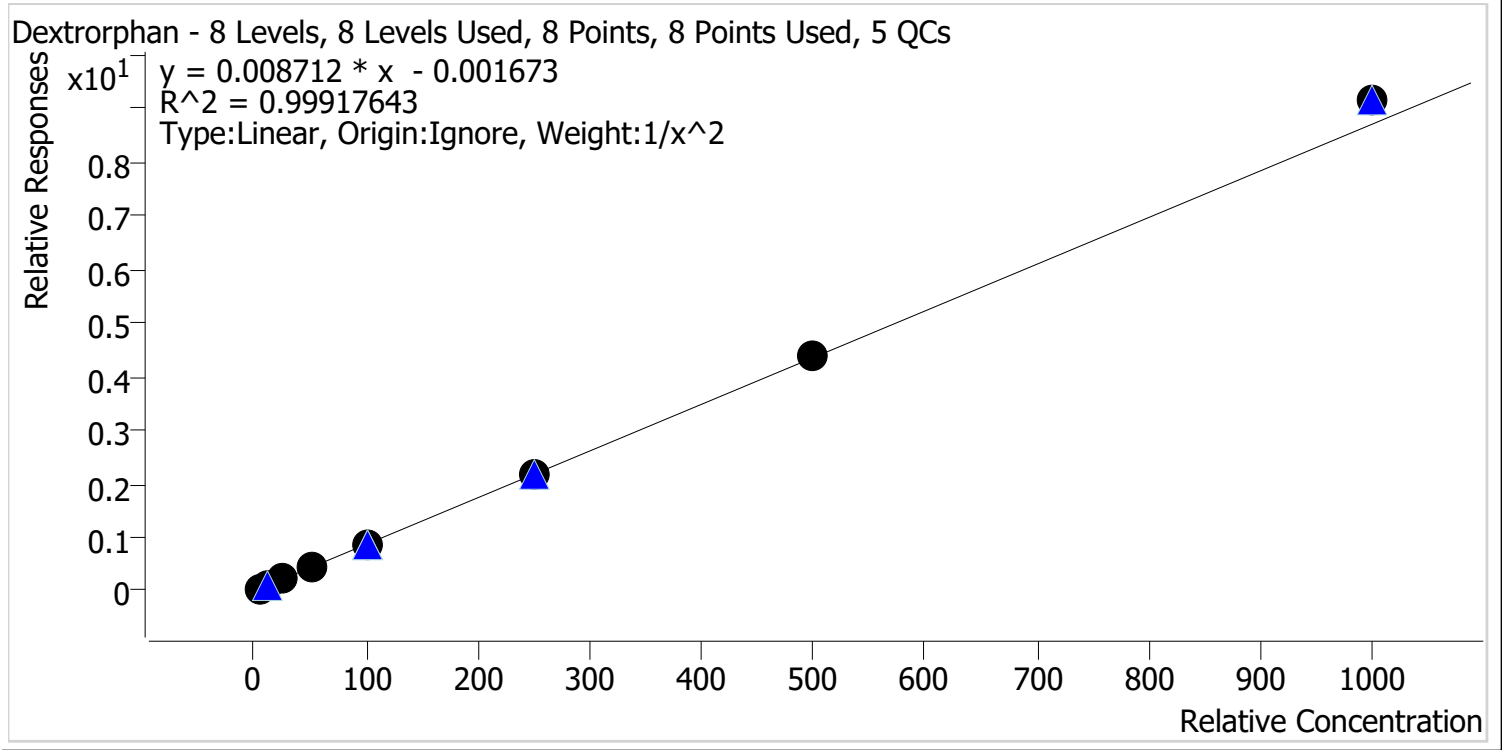
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1006.0	100.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



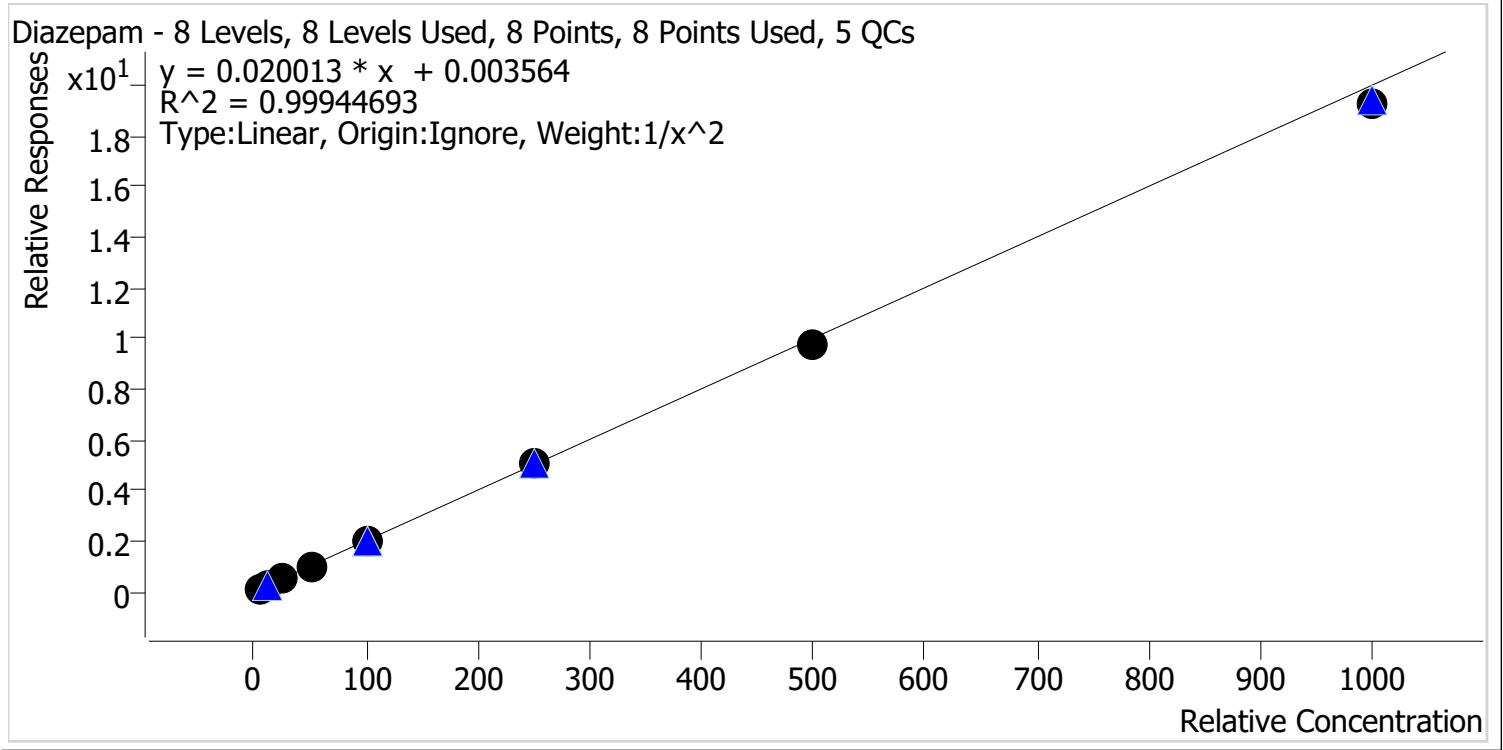
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	503.1	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1050.5	105.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	490.1	98.0
p1 Cal 8-1000ng	8	✓	1000.0	966.8	96.7

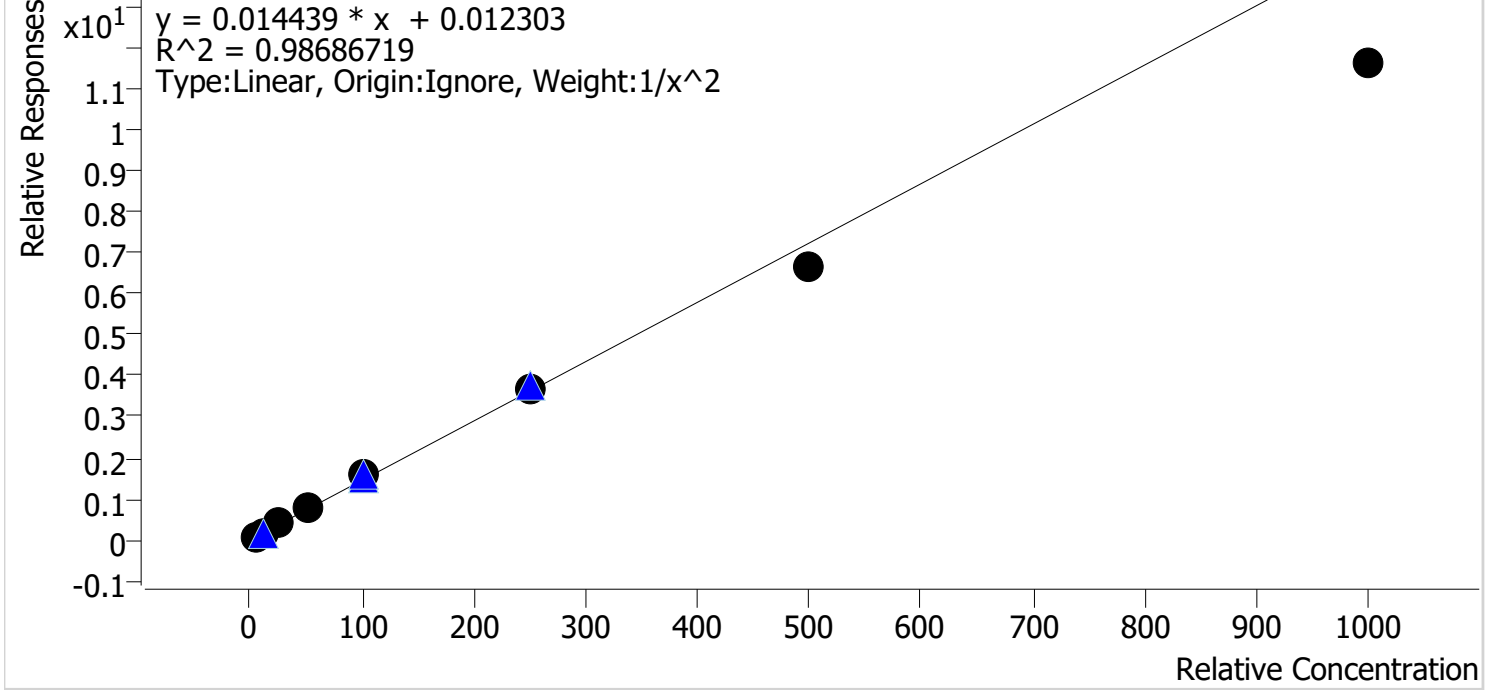
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	462.0	92.4
p1 Cal 8-1000ng	8	✓	1000.0	806.8	80.7

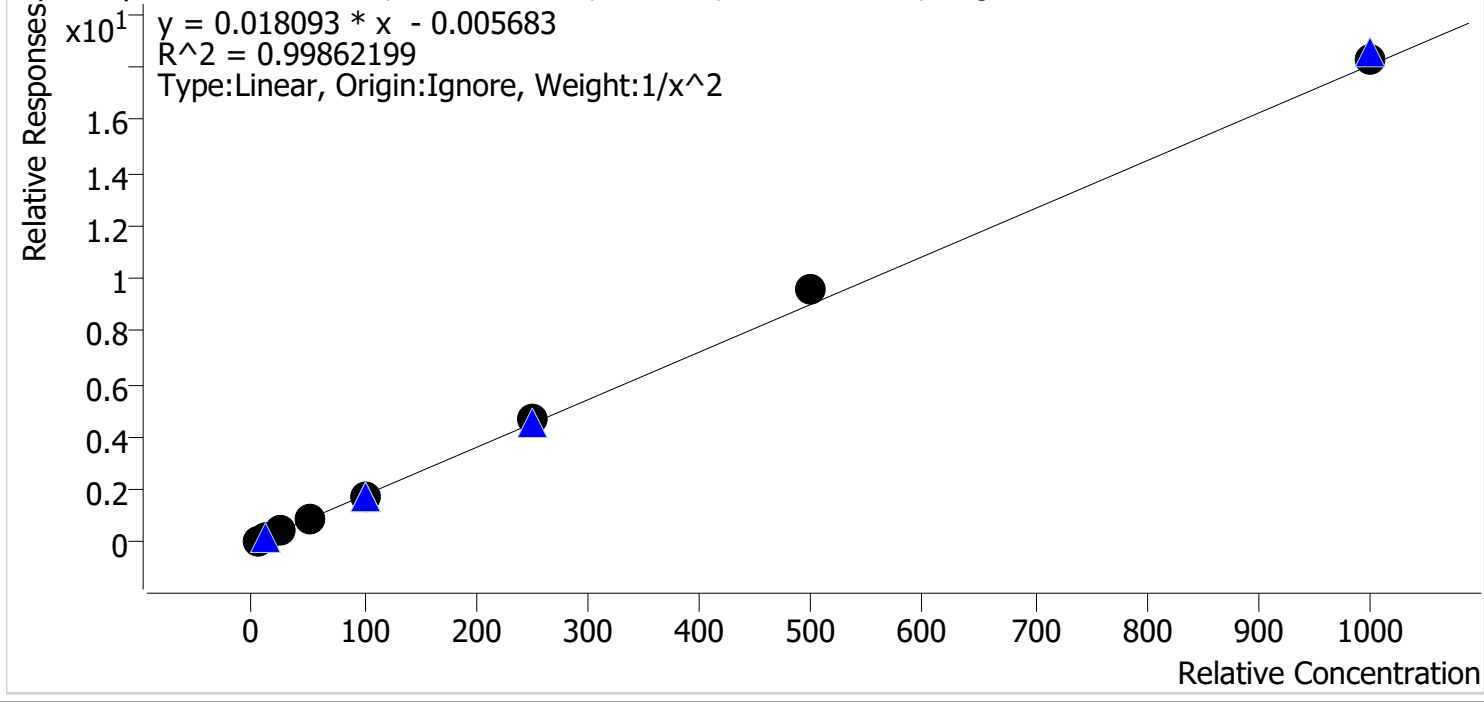
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



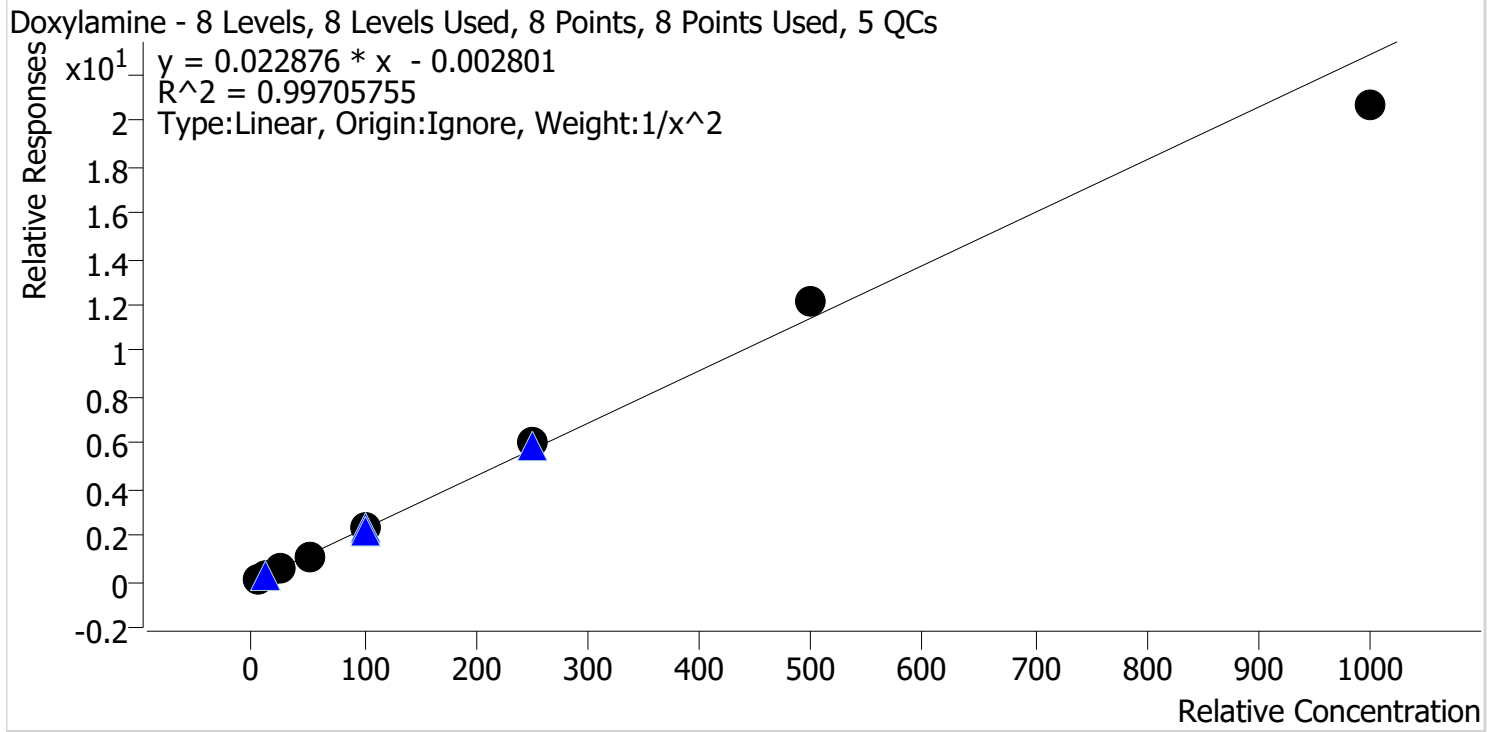
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	527.7	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1009.9	101.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	261.7	104.7
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	906.8	90.7

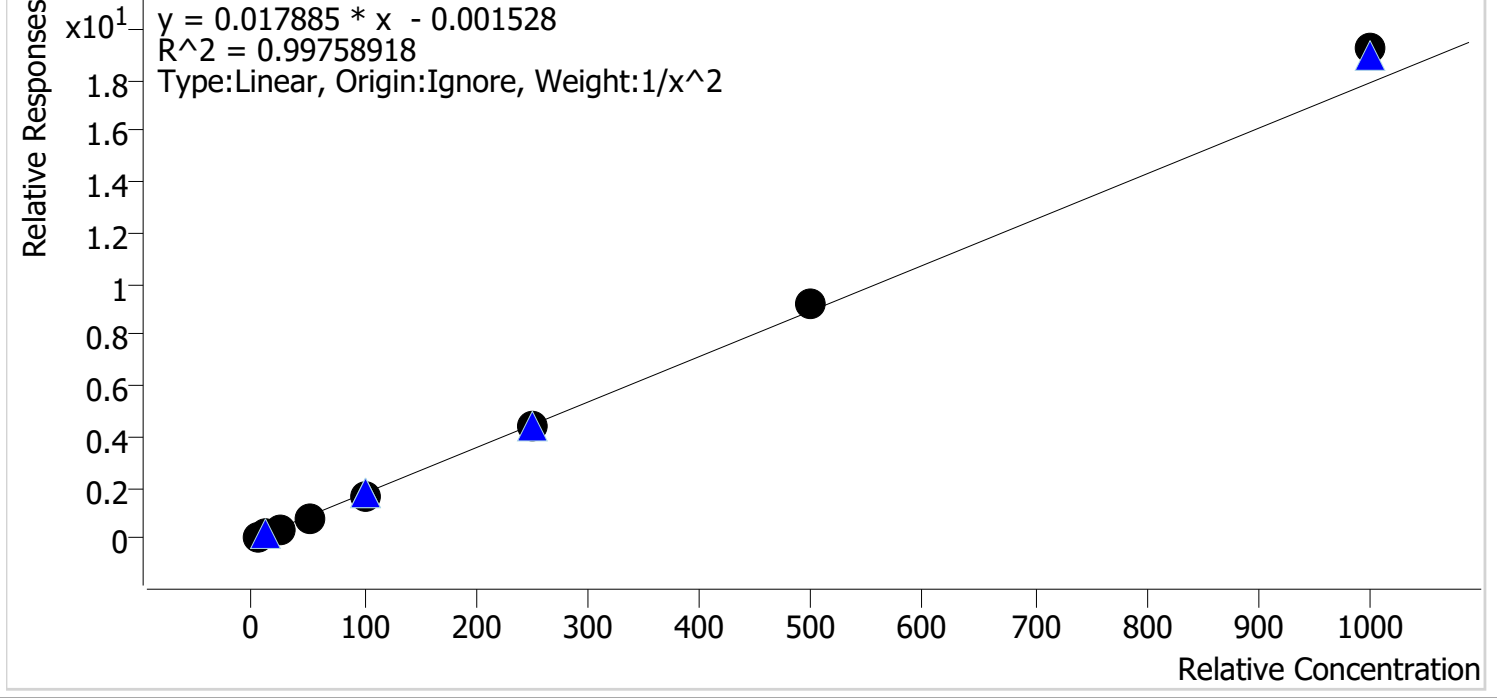
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	519.3	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1074.7	107.5

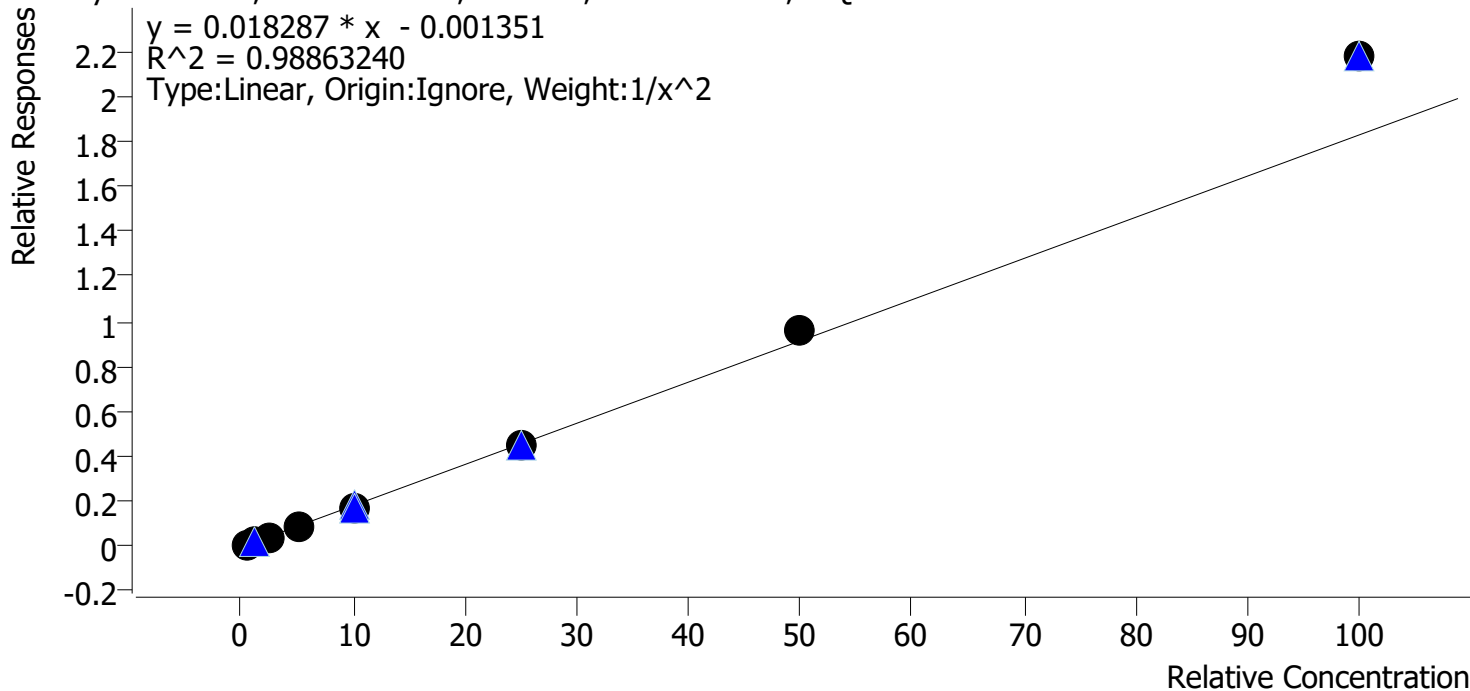
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.6
p1 Cal 2-10ng	2	✓	1.0	1.0	96.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.3
p1 Cal 4-50ng	4	✓	5.0	4.6	92.6
p1 Cal 5-100ng	5	✓	10.0	9.3	93.2
p1 Cal 6-250ng	6	✓	25.0	24.4	97.8
p1 Cal 7-500ng	7	✓	50.0	52.6	105.3
p1 Cal 8-1000ng	8	✓	100.0	119.0	119.0

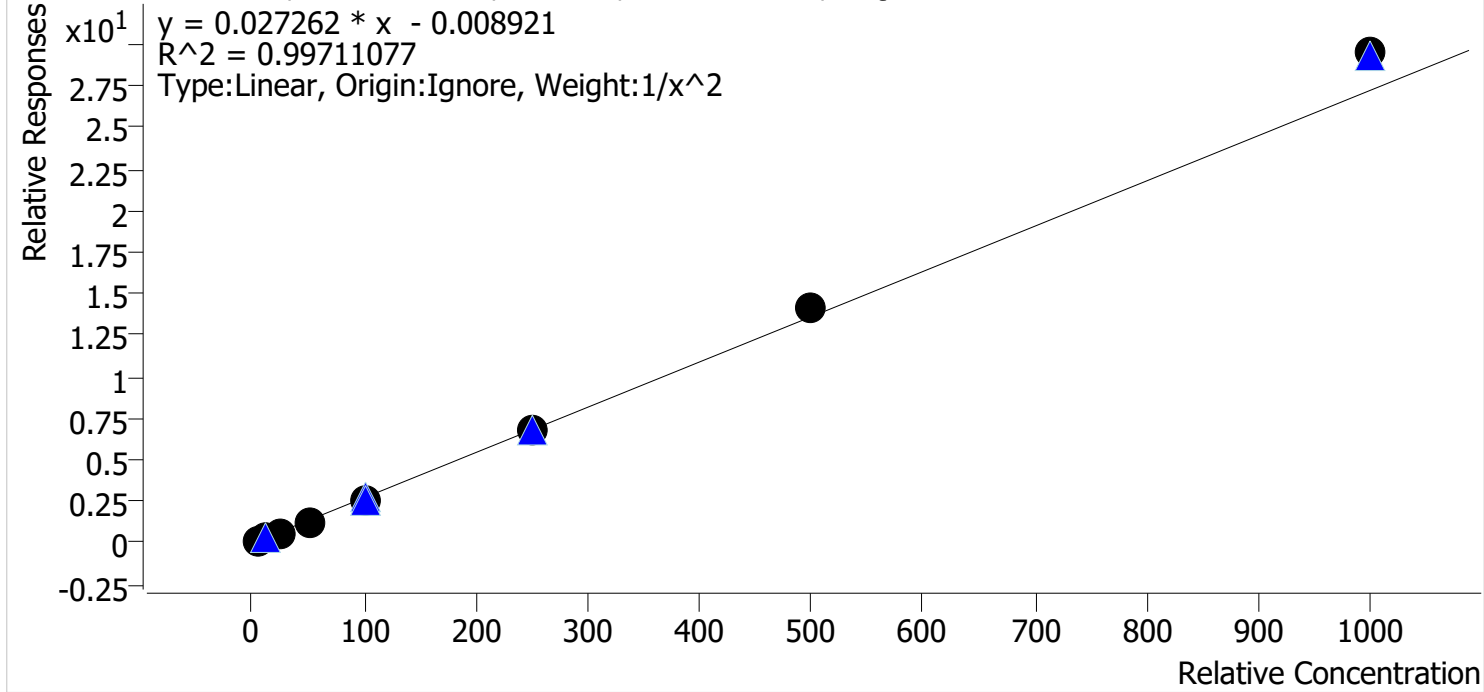
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



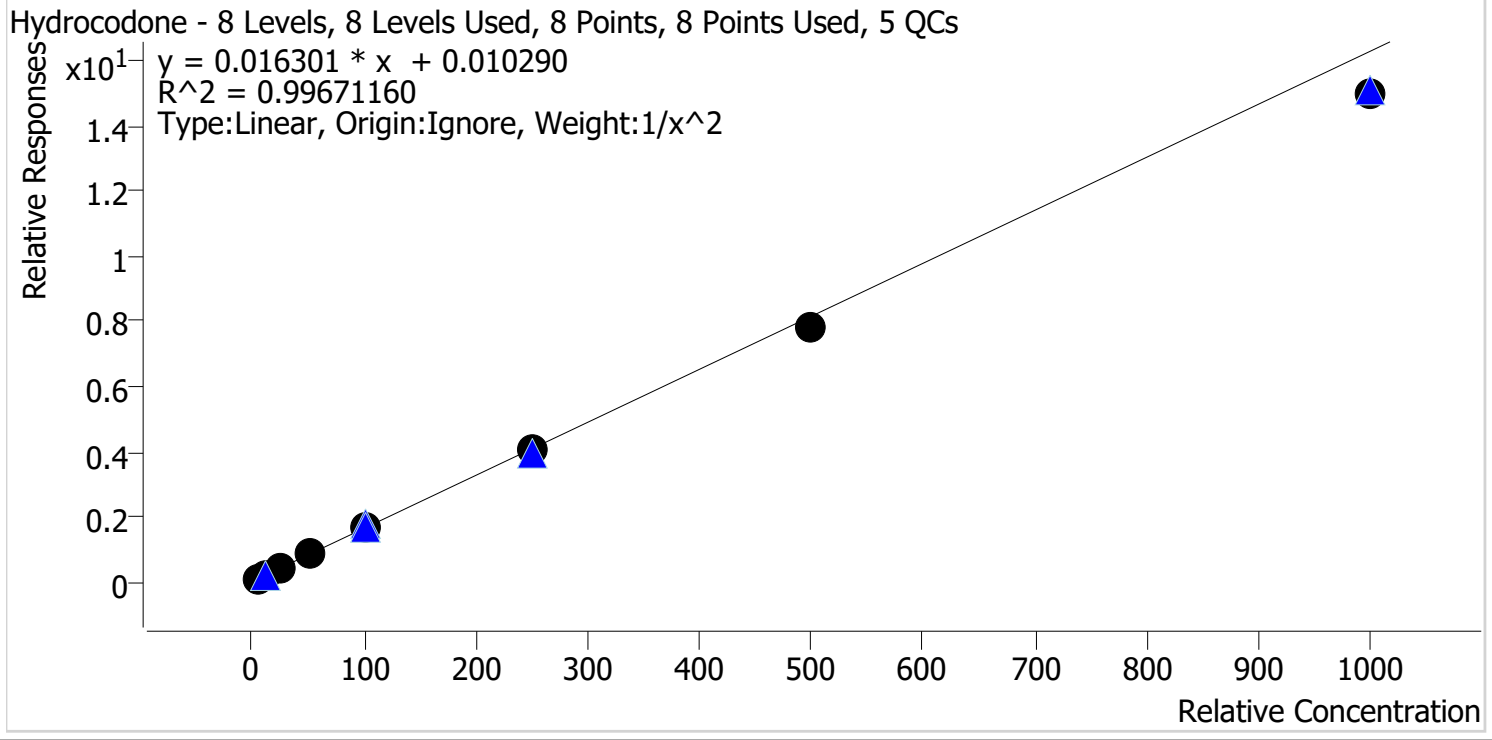
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1083.5	108.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



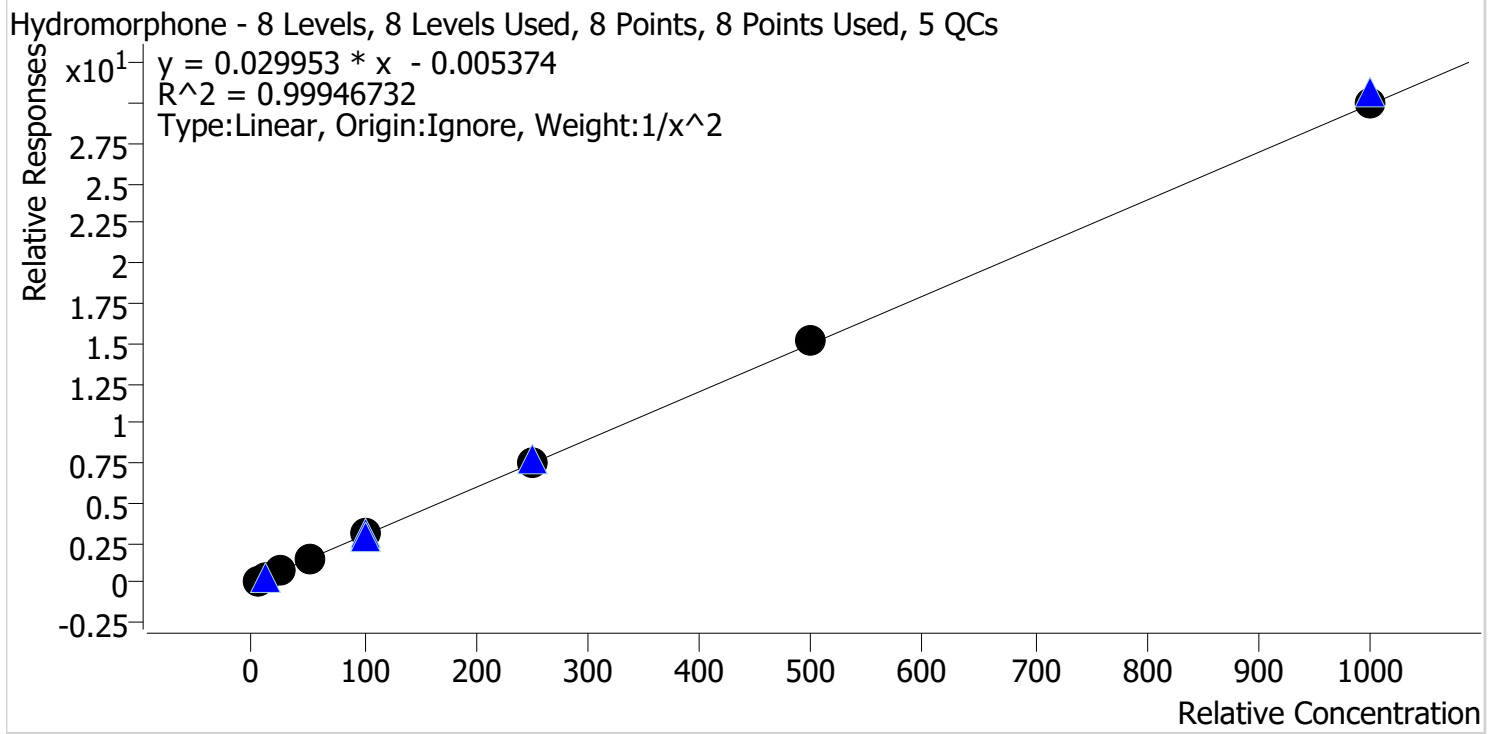
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	478.3	95.7
p1 Cal 8-1000ng	8	✓	1000.0	920.4	92.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



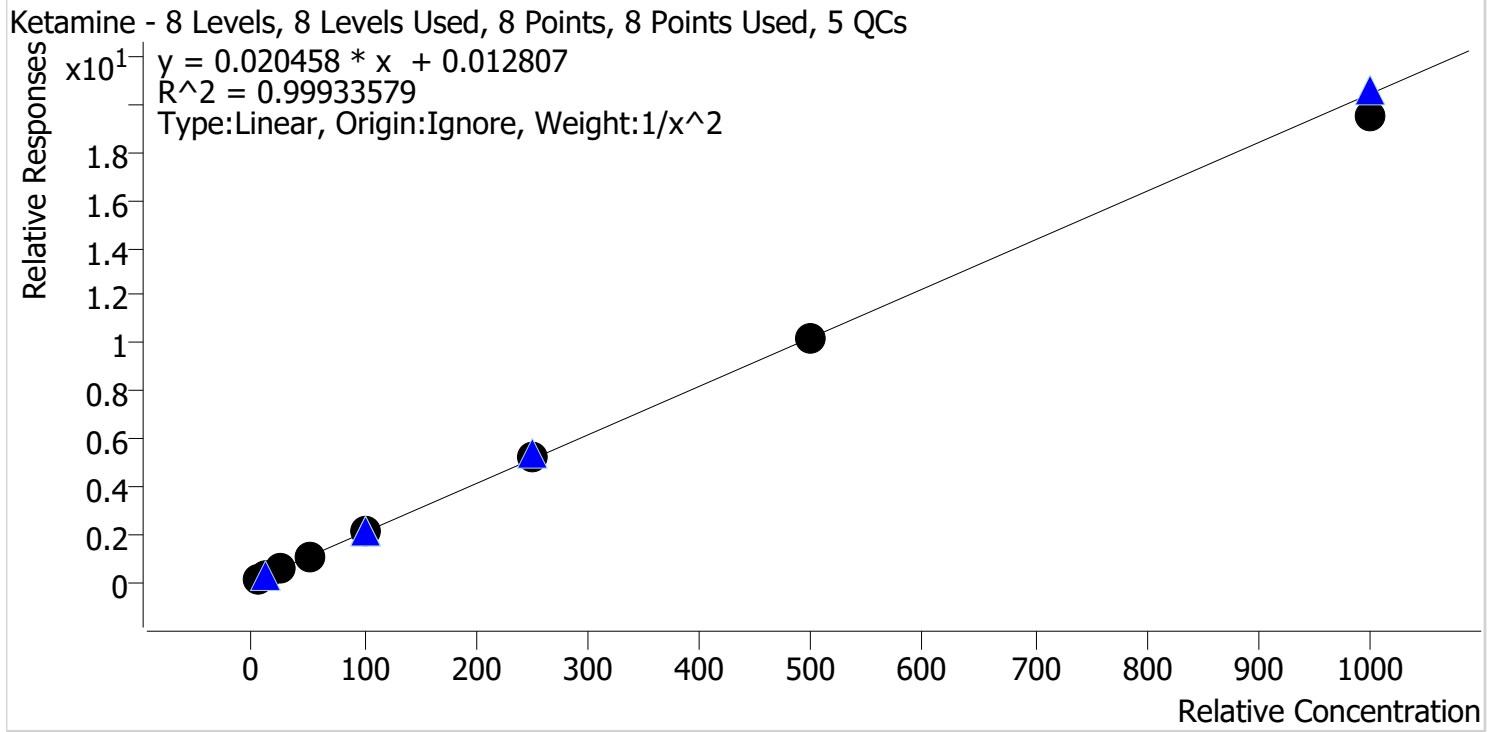
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1000.2	100.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



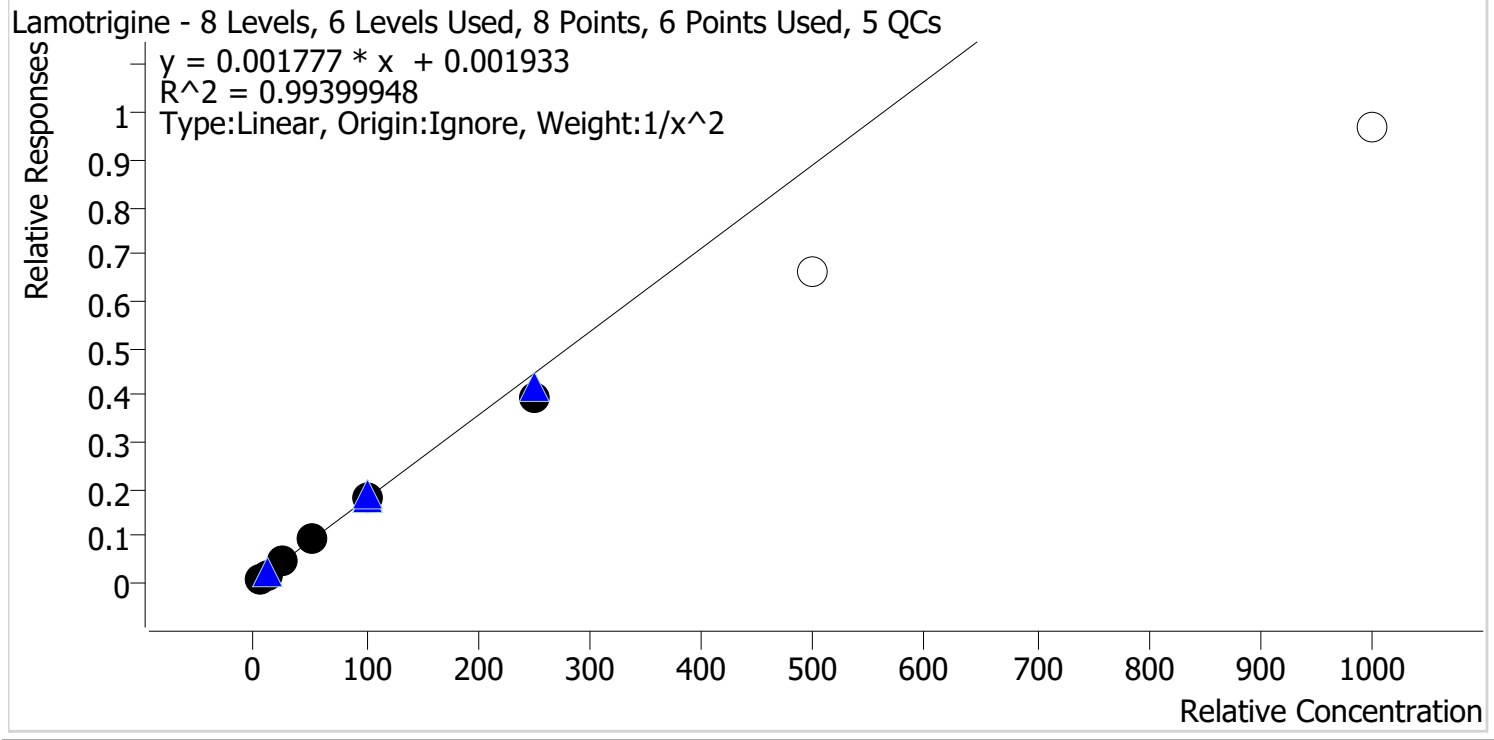
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	495.5	99.1
p1 Cal 8-1000ng	8	✓	1000.0	951.8	95.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	221.6	88.6
p1 Cal 7-500ng	7	x	500.0	371.9	74.4
p1 Cal 8-1000ng	8	x	1000.0	543.1	54.3

Cal 7 and 8 dropped due to accuracy

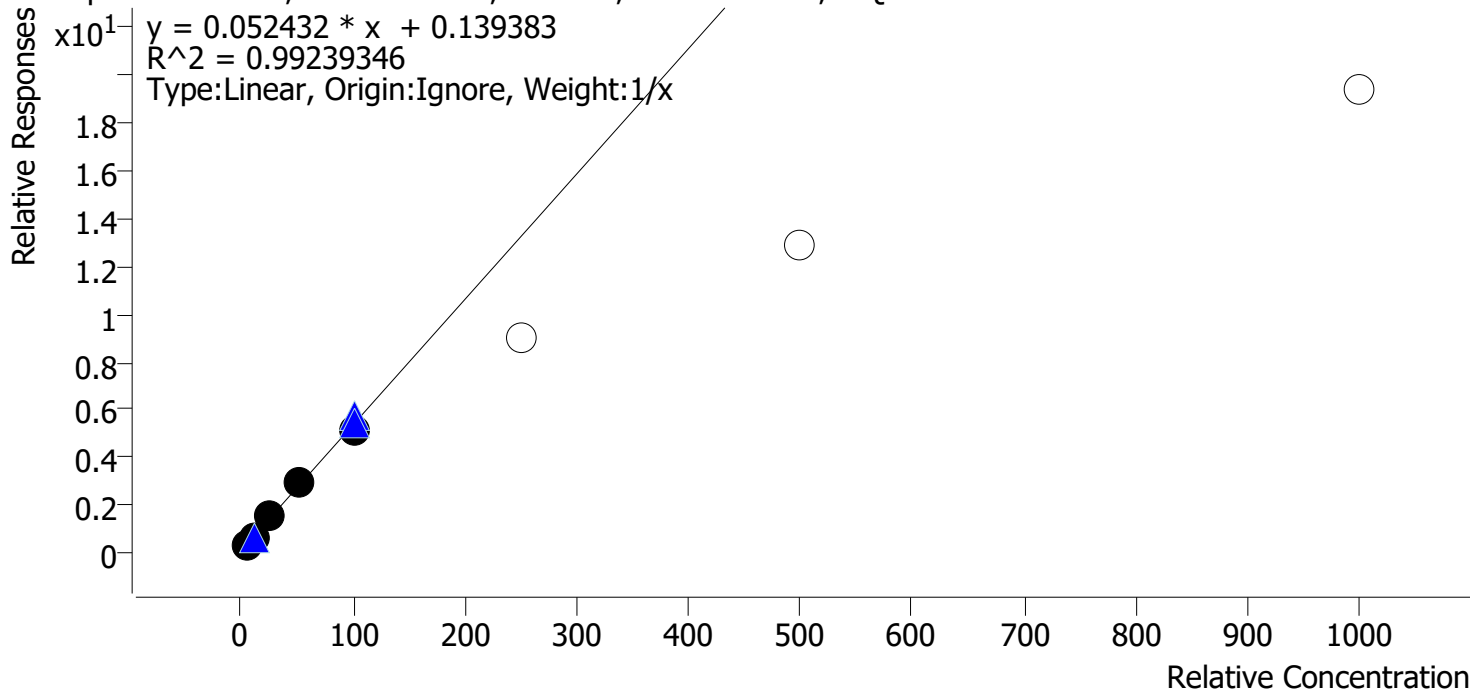
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	85.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.3
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng	6	✗	250.0	170.0	68.0
p1 Cal 7-500ng	7	✗	500.0	243.5	48.7
p1 Cal 8-1000ng	8	✗	1000.0	367.5	36.8

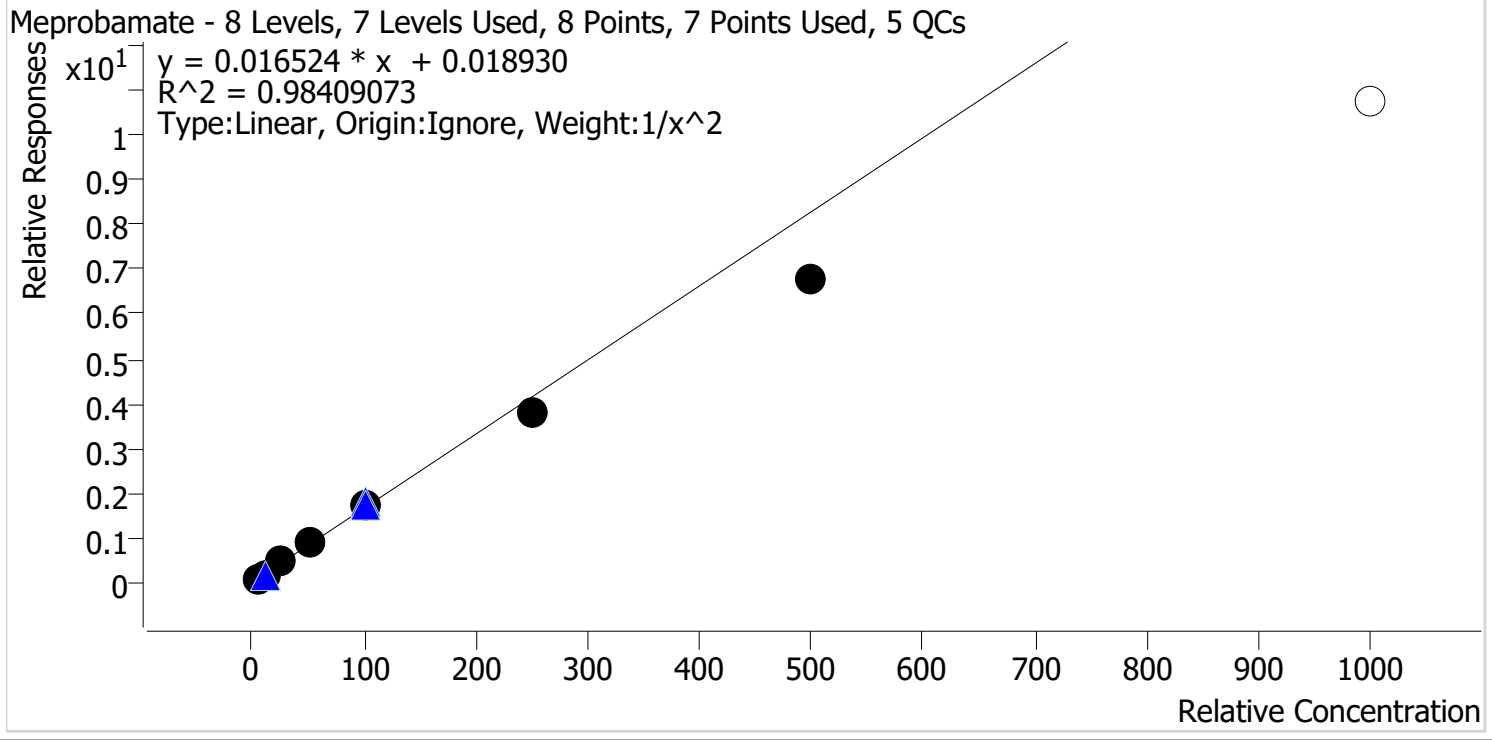
Cal 6, 7, and 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
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	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.5
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	231.2	92.5
p1 Cal 7-500ng	7	✓	500.0	408.6	81.7
p1 Cal 8-1000ng	8	✗	1000.0	648.4	64.8

Cal 8 dropped due to accuracy

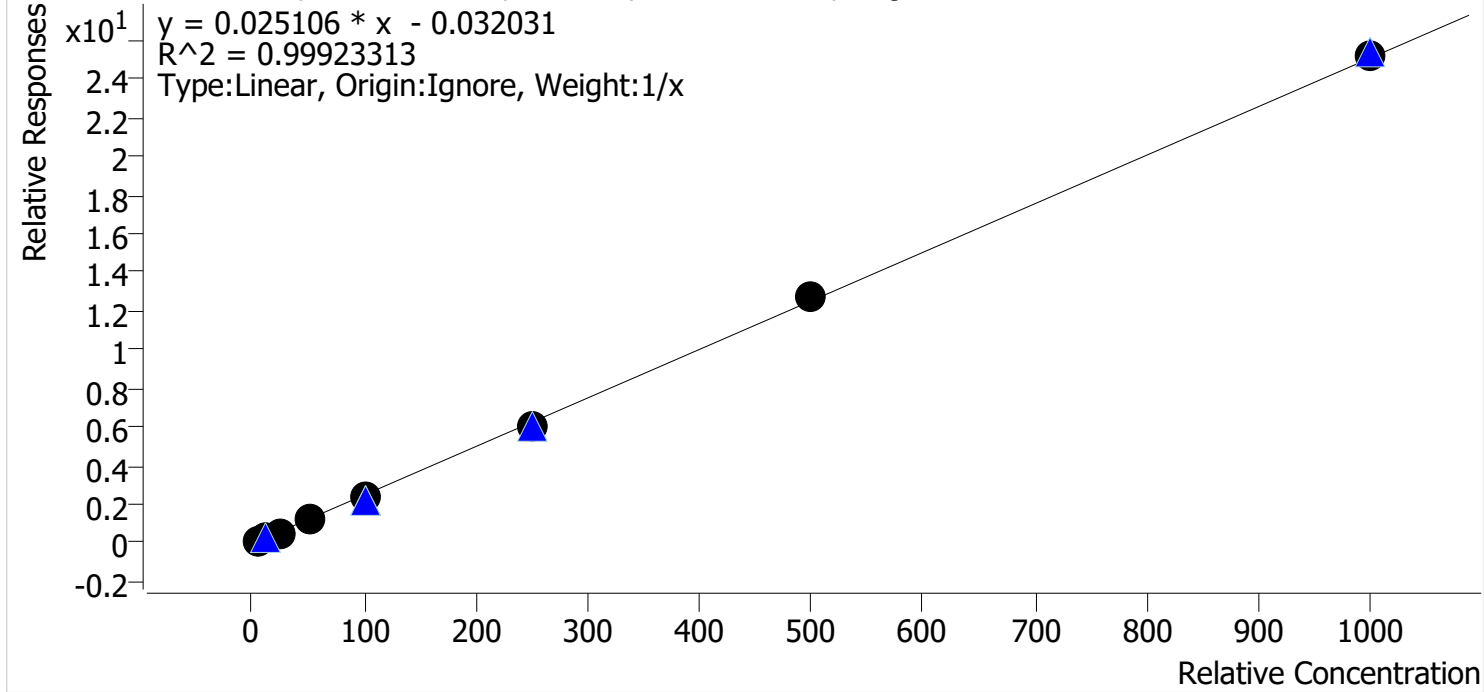
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



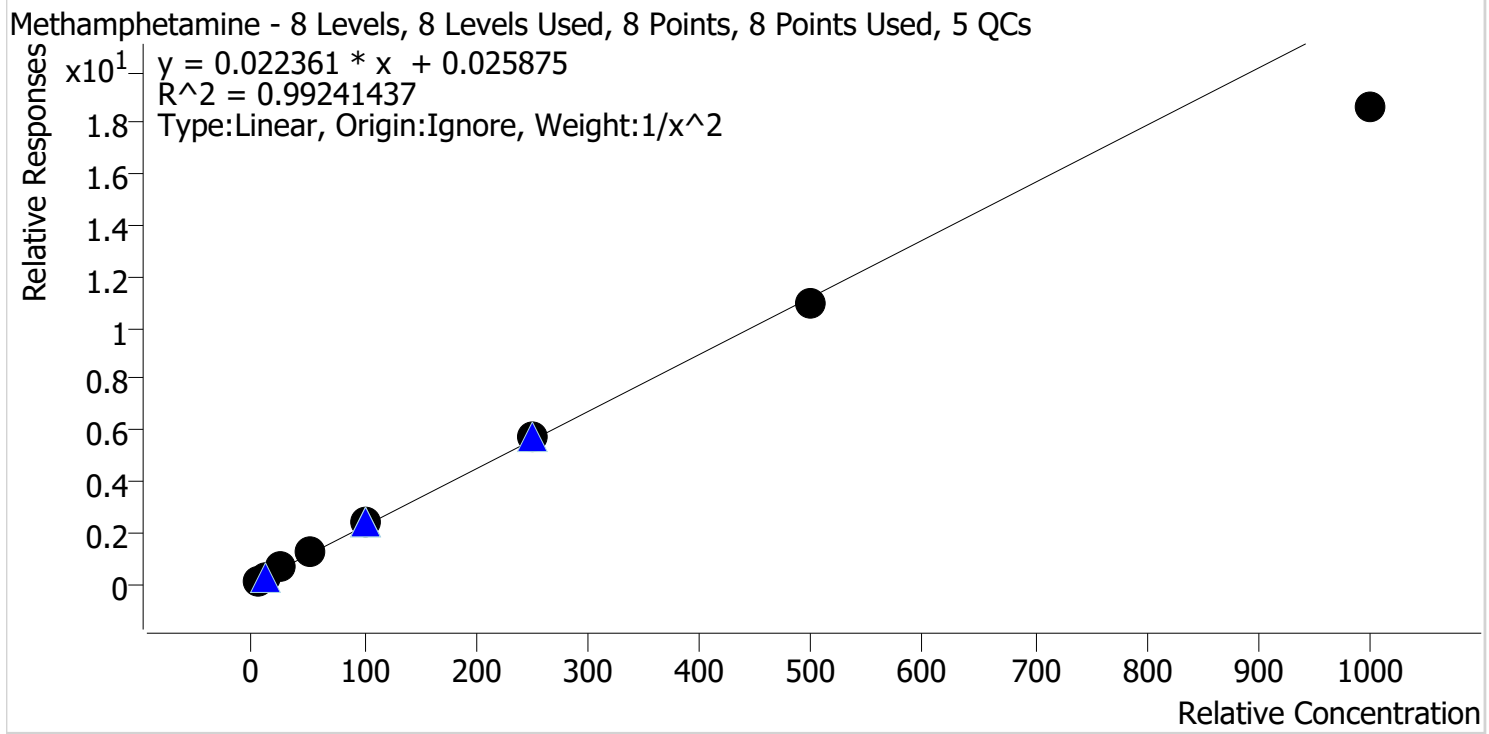
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.9	117.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	92.7	92.7
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
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\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	257.4	102.9
p1 Cal 7-500ng	7	✓	500.0	489.3	97.9
p1 Cal 8-1000ng	8	✓	1000.0	832.3	83.2

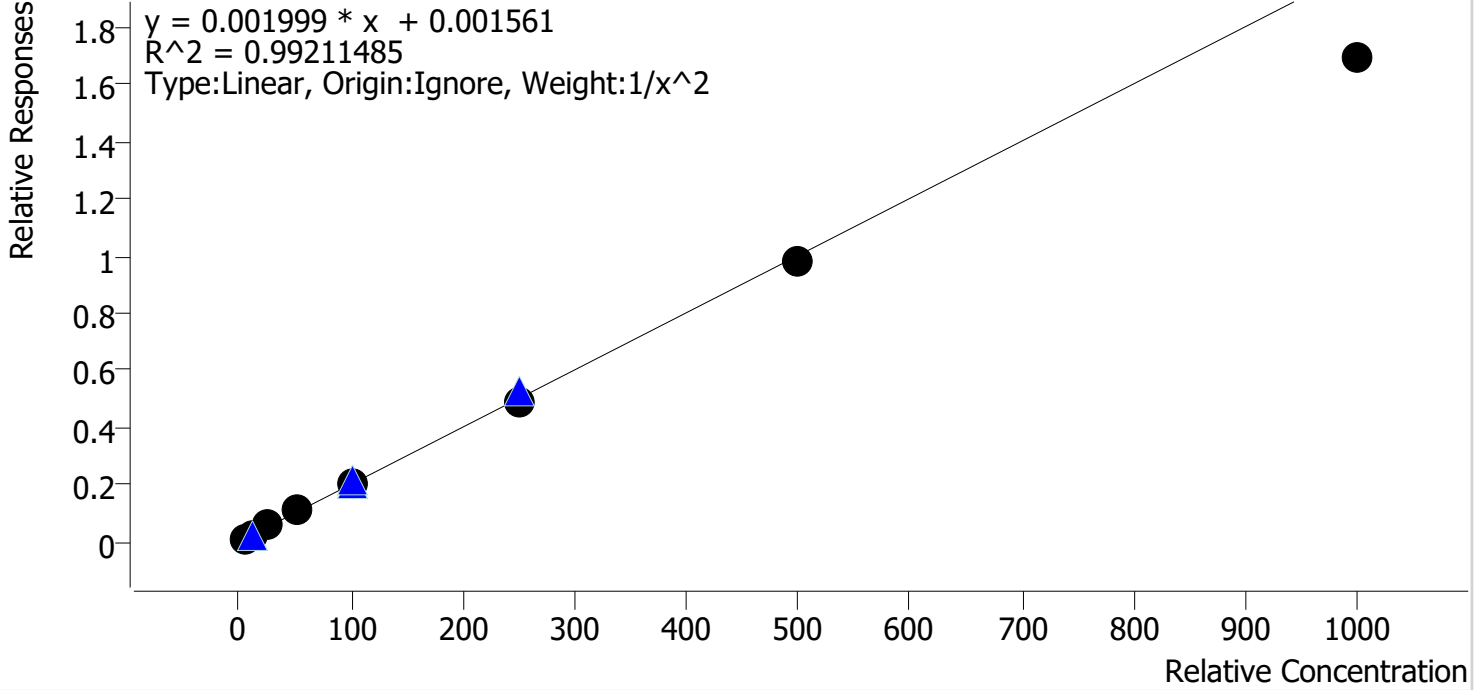


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



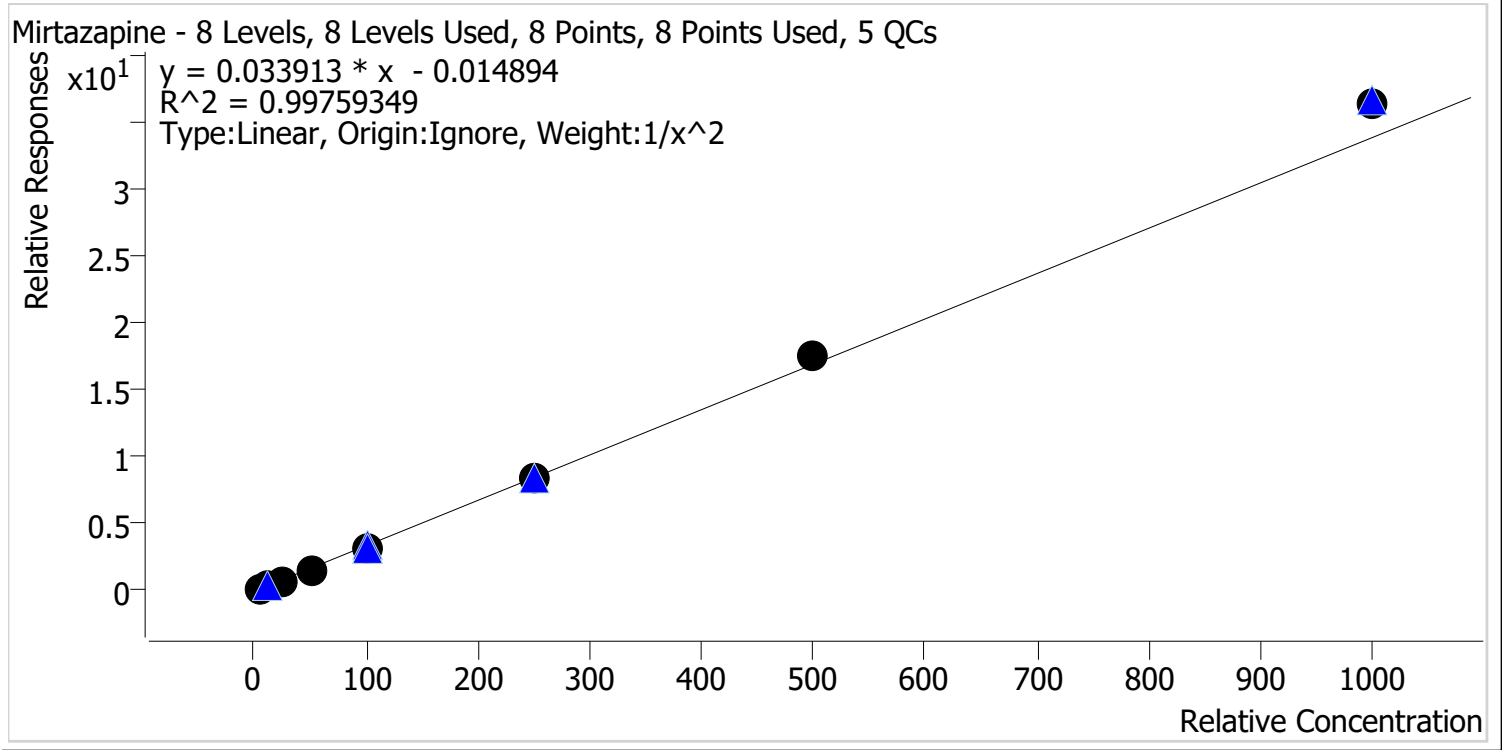
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	847.0	84.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
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	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	521.7	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1073.1	107.3

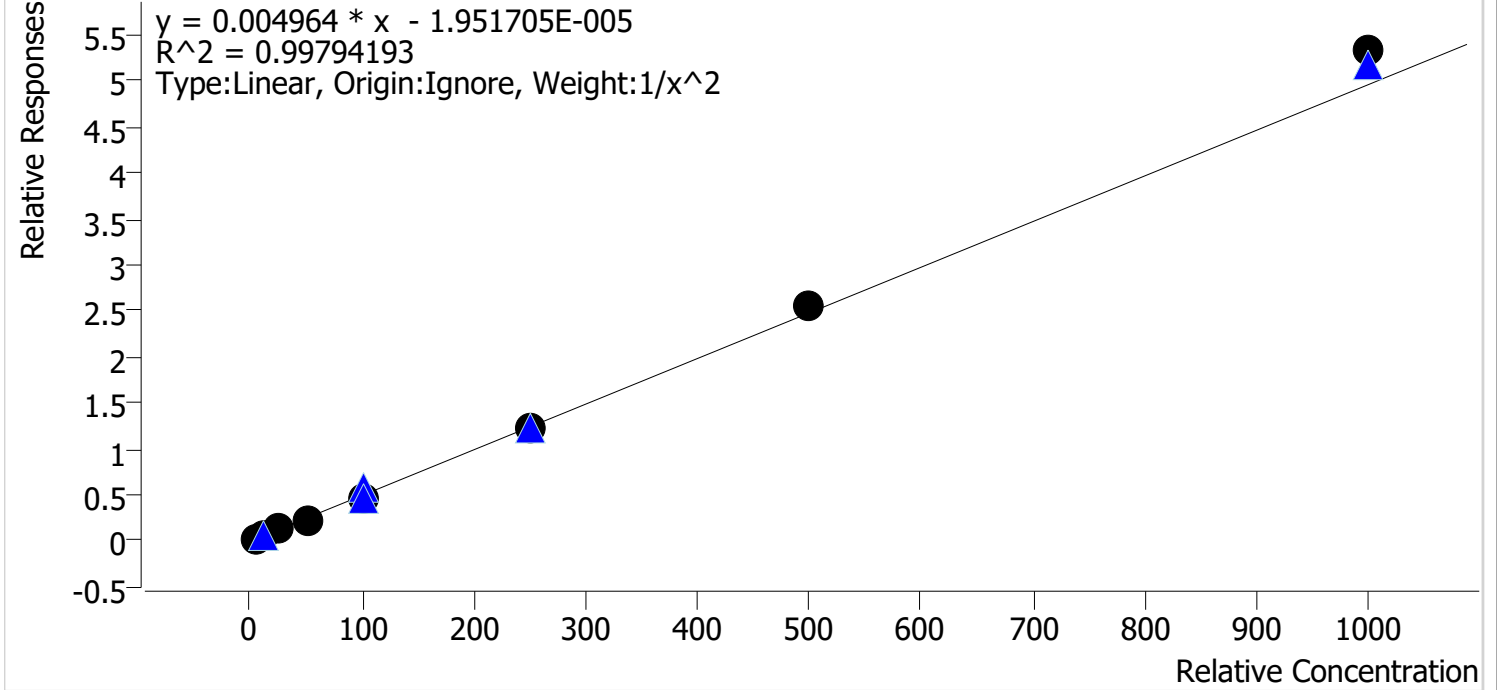
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

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



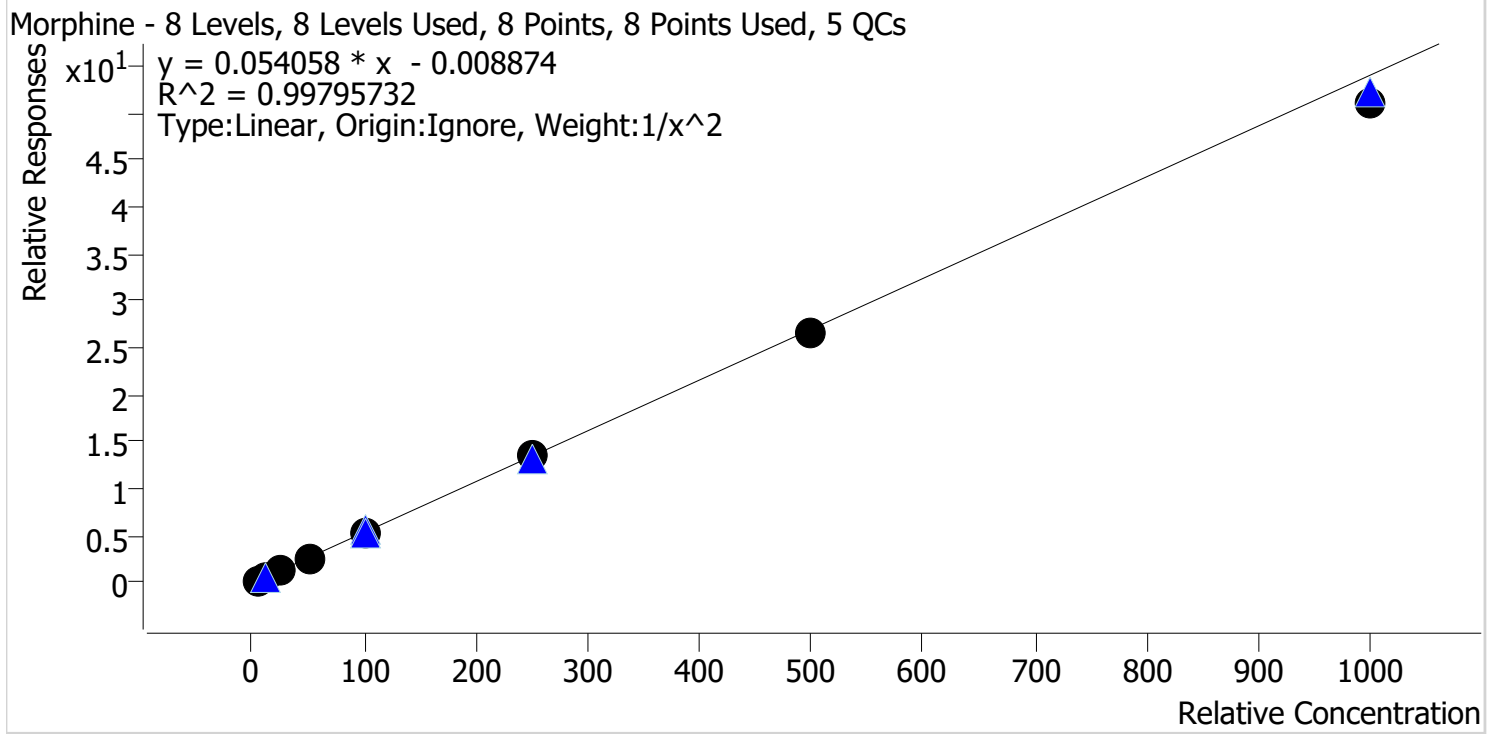
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	515.2	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1074.7	107.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



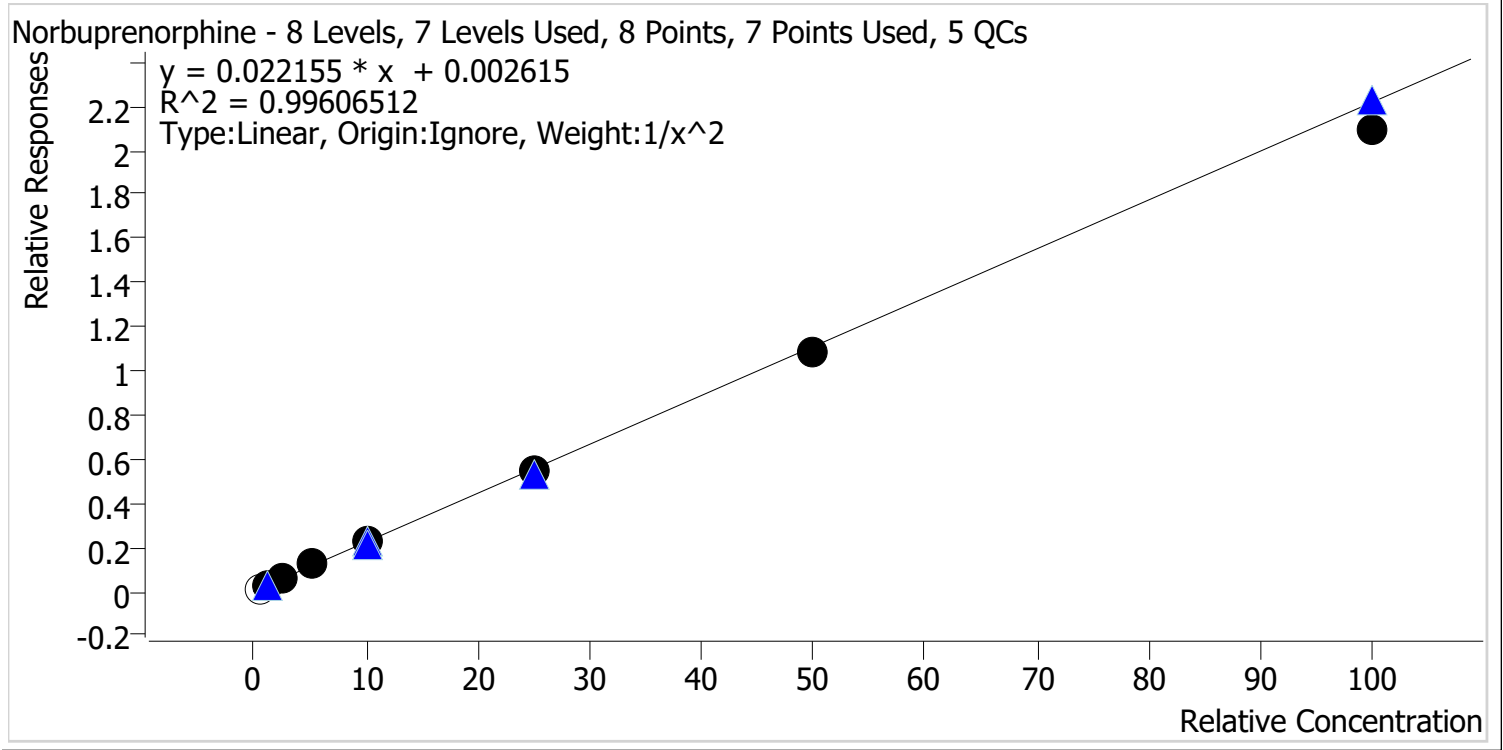
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	489.6	97.9
p1 Cal 8-1000ng	8	✓	1000.0	943.2	94.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	88.3
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.7	107.2
p1 Cal 4-50ng	4	✓	5.0	5.4	107.8
p1 Cal 5-100ng	5	✓	10.0	10.0	100.0
p1 Cal 6-250ng	6	✓	25.0	24.4	97.6
p1 Cal 7-500ng	7	✓	50.0	48.6	97.2
p1 Cal 8-1000ng	8	✓	100.0	94.4	94.4

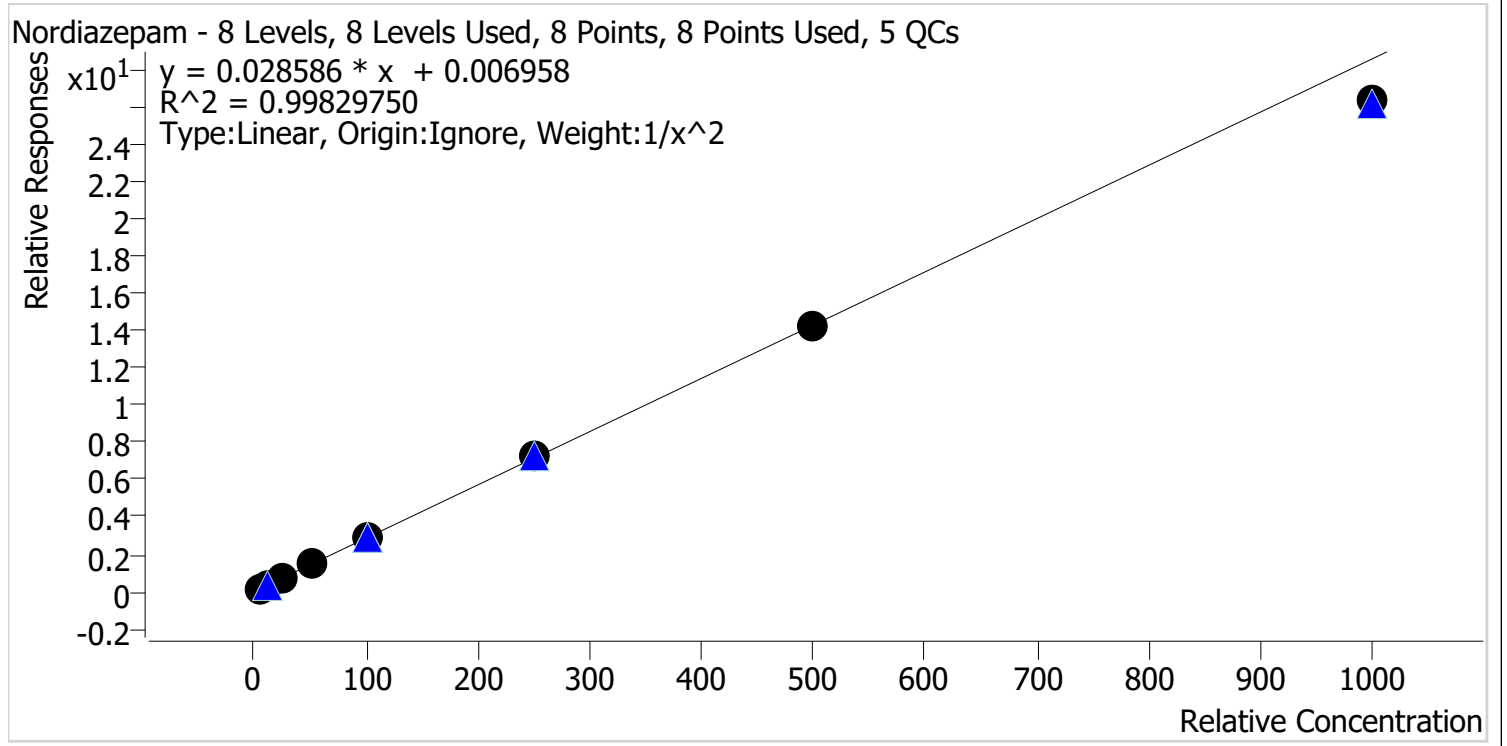
Cal 1 dropped due to S/N



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



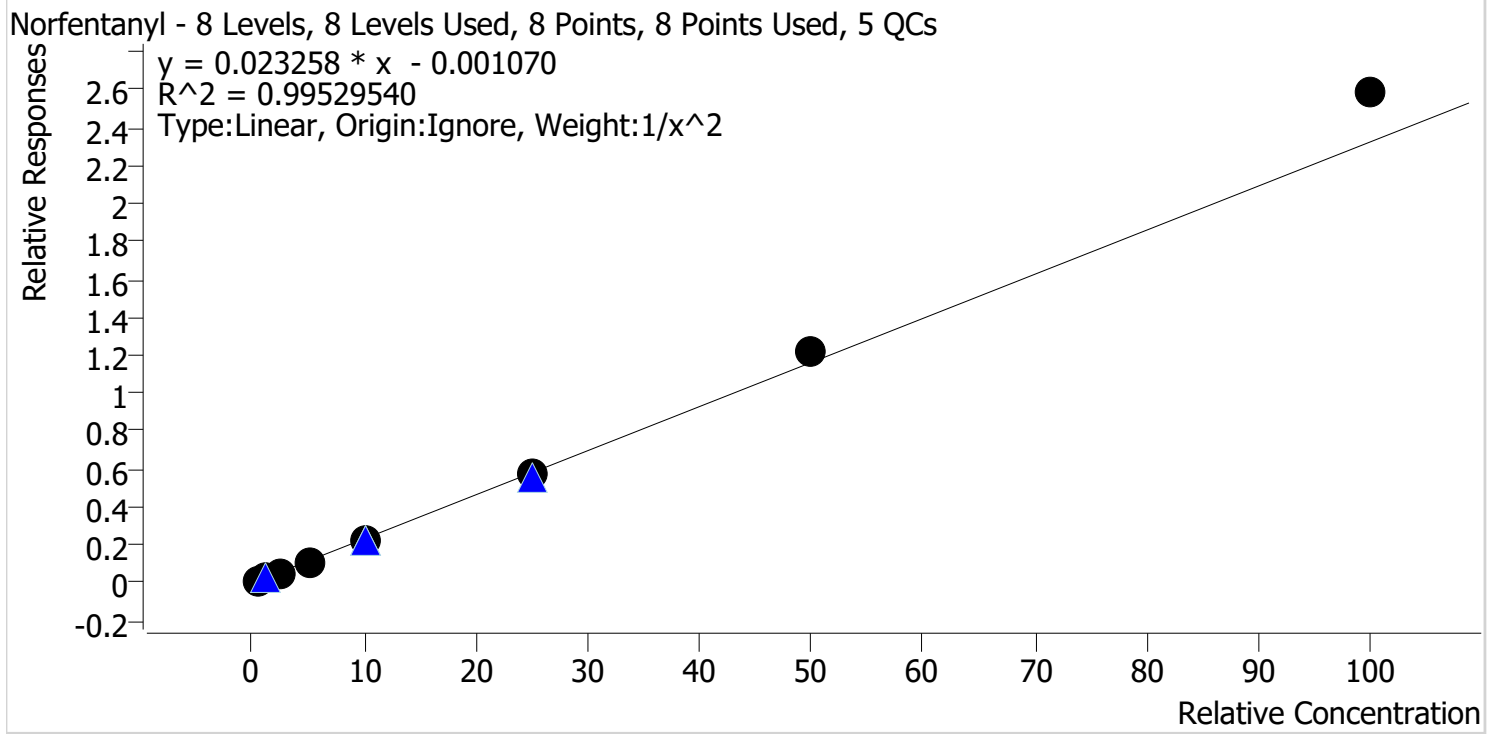
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	497.5	99.5
p1 Cal 8-1000ng	8	✓	1000.0	921.7	92.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.5
p1 Cal 2-10ng	2	✓	1.0	1.0	99.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.8
p1 Cal 4-50ng	4	✓	5.0	4.7	94.1
p1 Cal 5-100ng	5	✓	10.0	9.5	95.1
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	52.2	104.4
p1 Cal 8-1000ng	8	✓	100.0	111.2	111.2

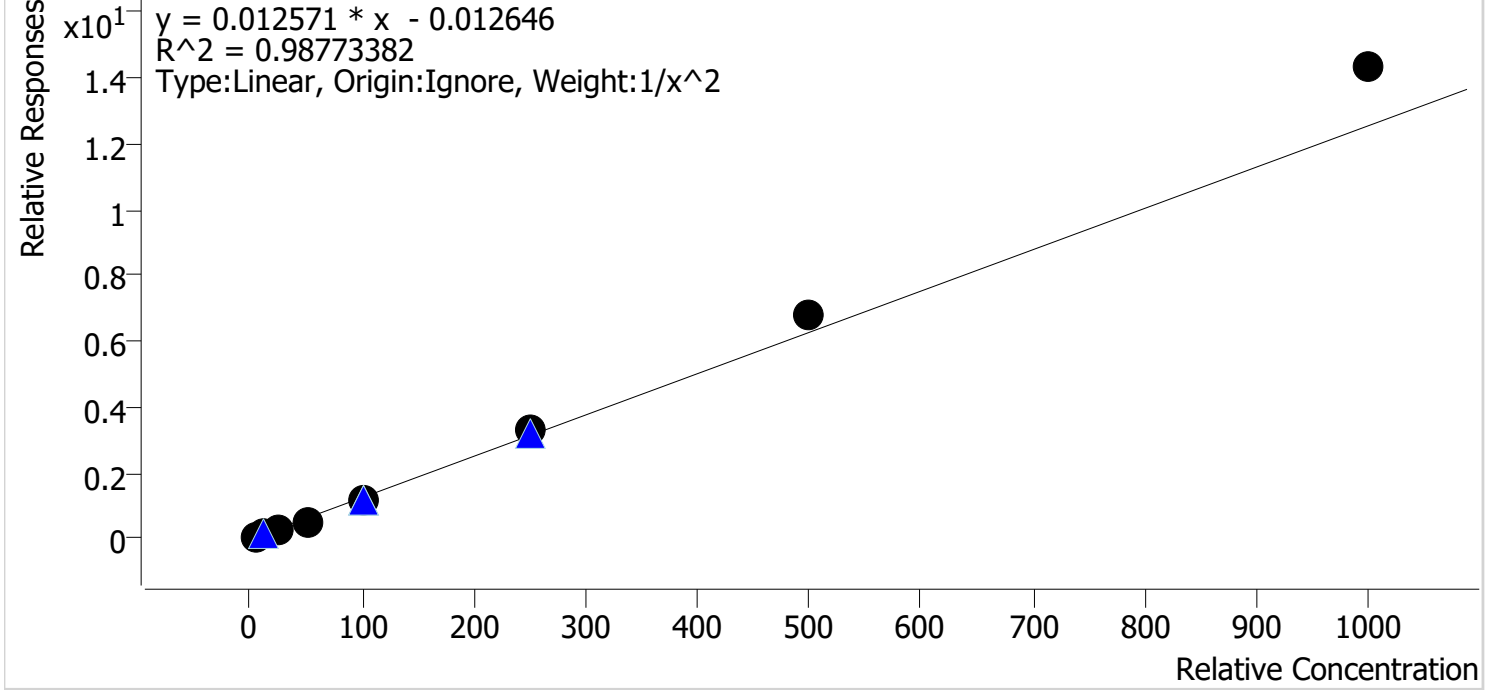


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



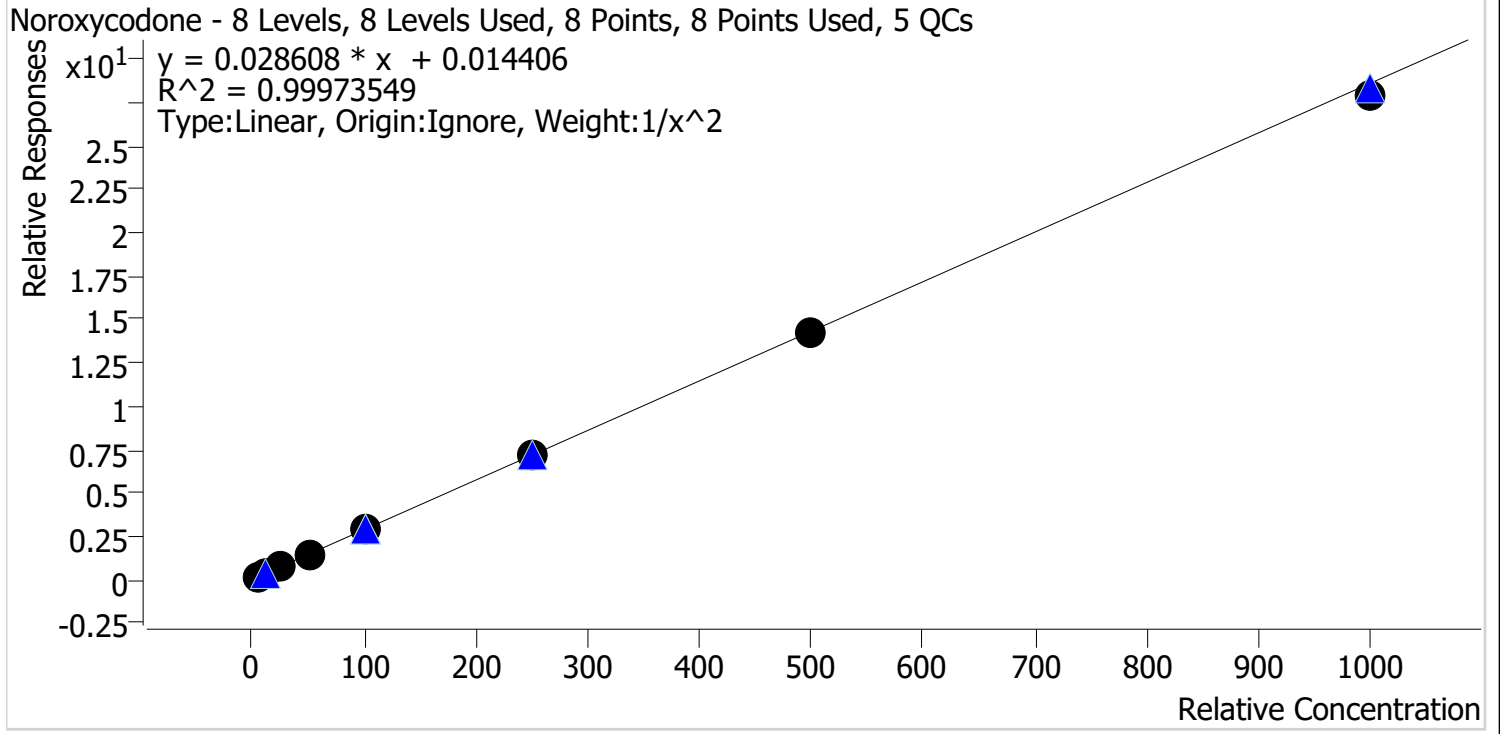
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	42.4	84.7
p1 Cal 5-100ng	5	✓	100.0	93.4	93.4
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	542.3	108.5
p1 Cal 8-1000ng	8	✓	1000.0	1143.7	114.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



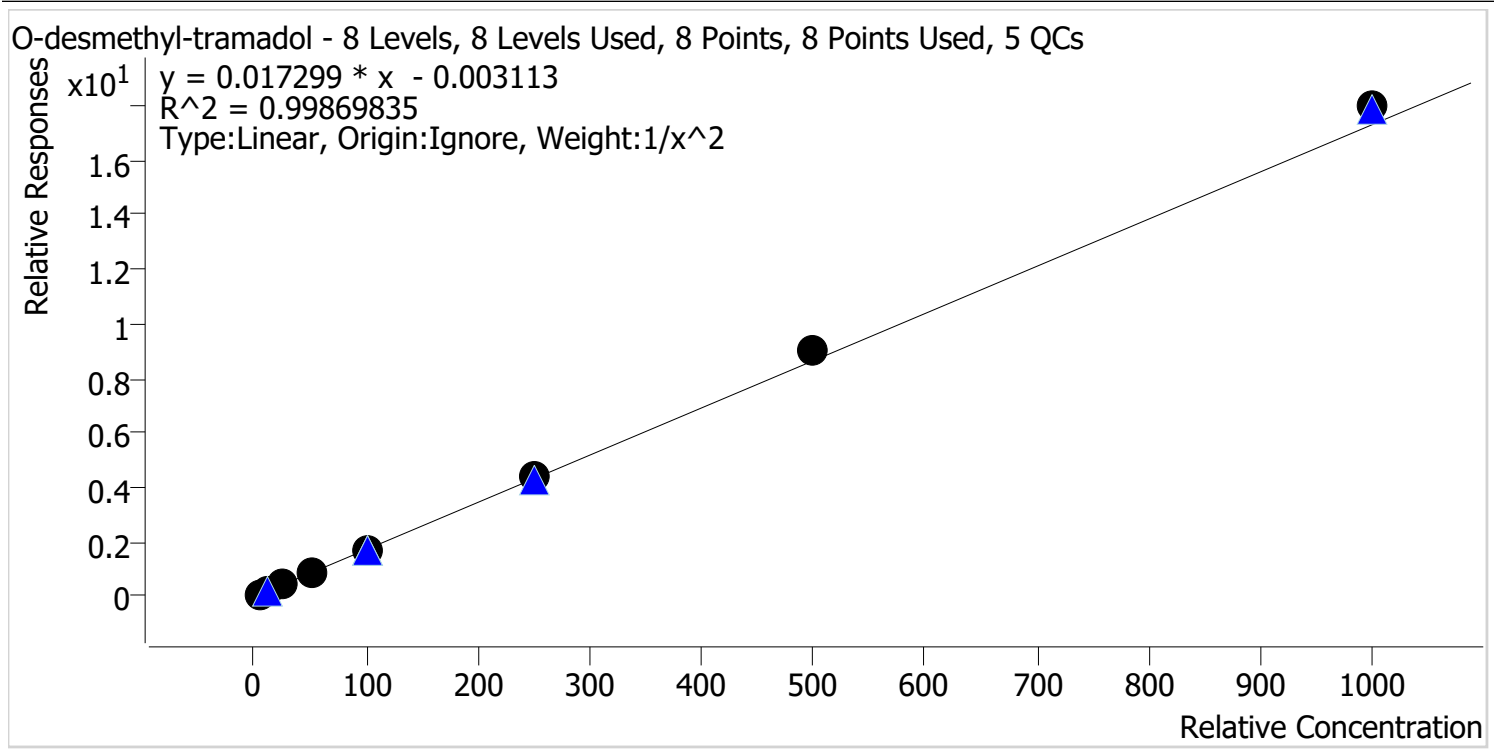
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	974.4	97.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	522.2	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1039.0	103.9

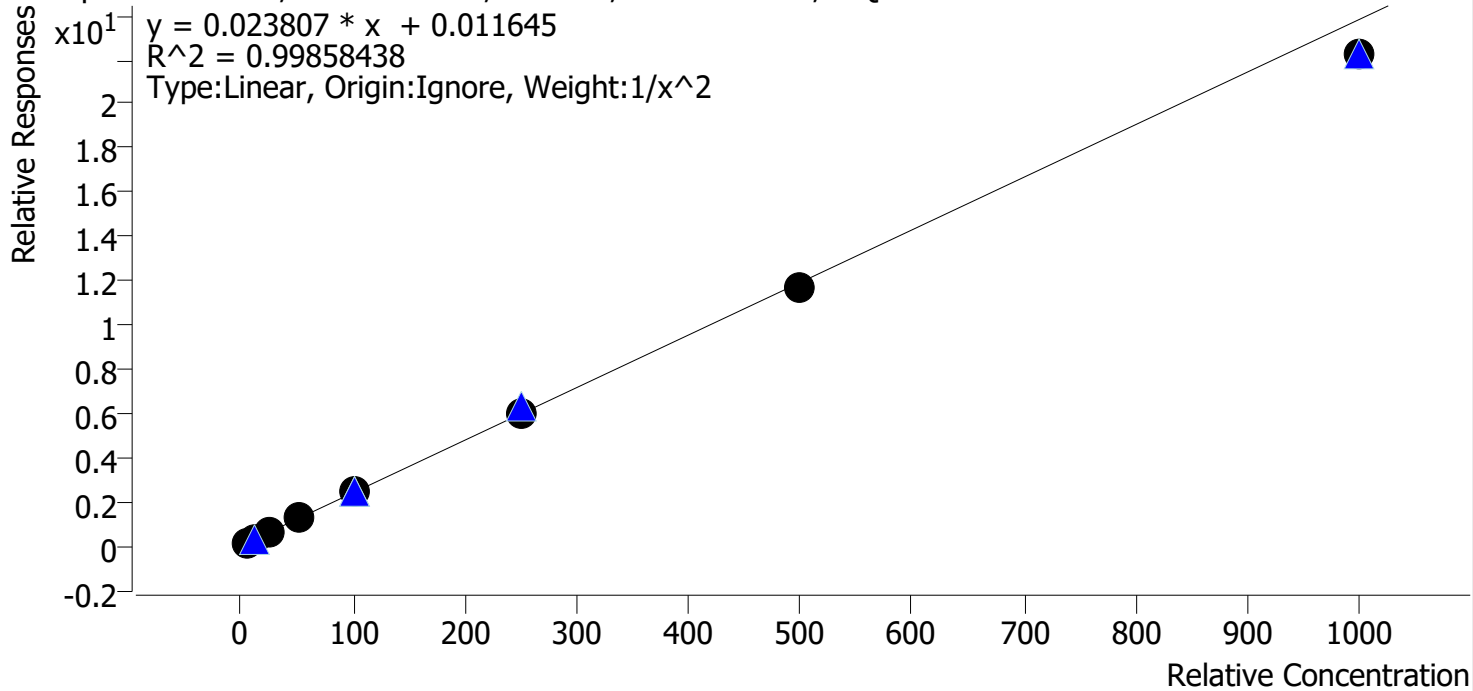
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	931.8	93.2

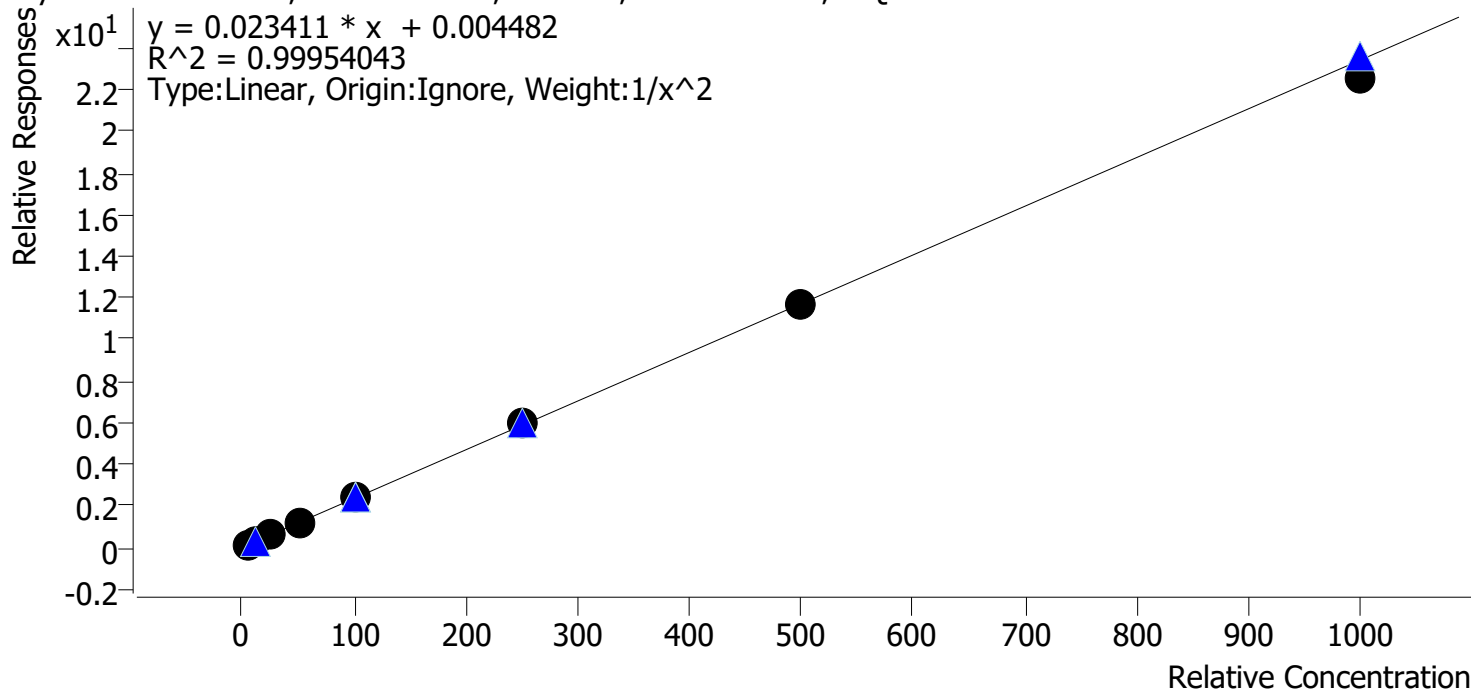
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



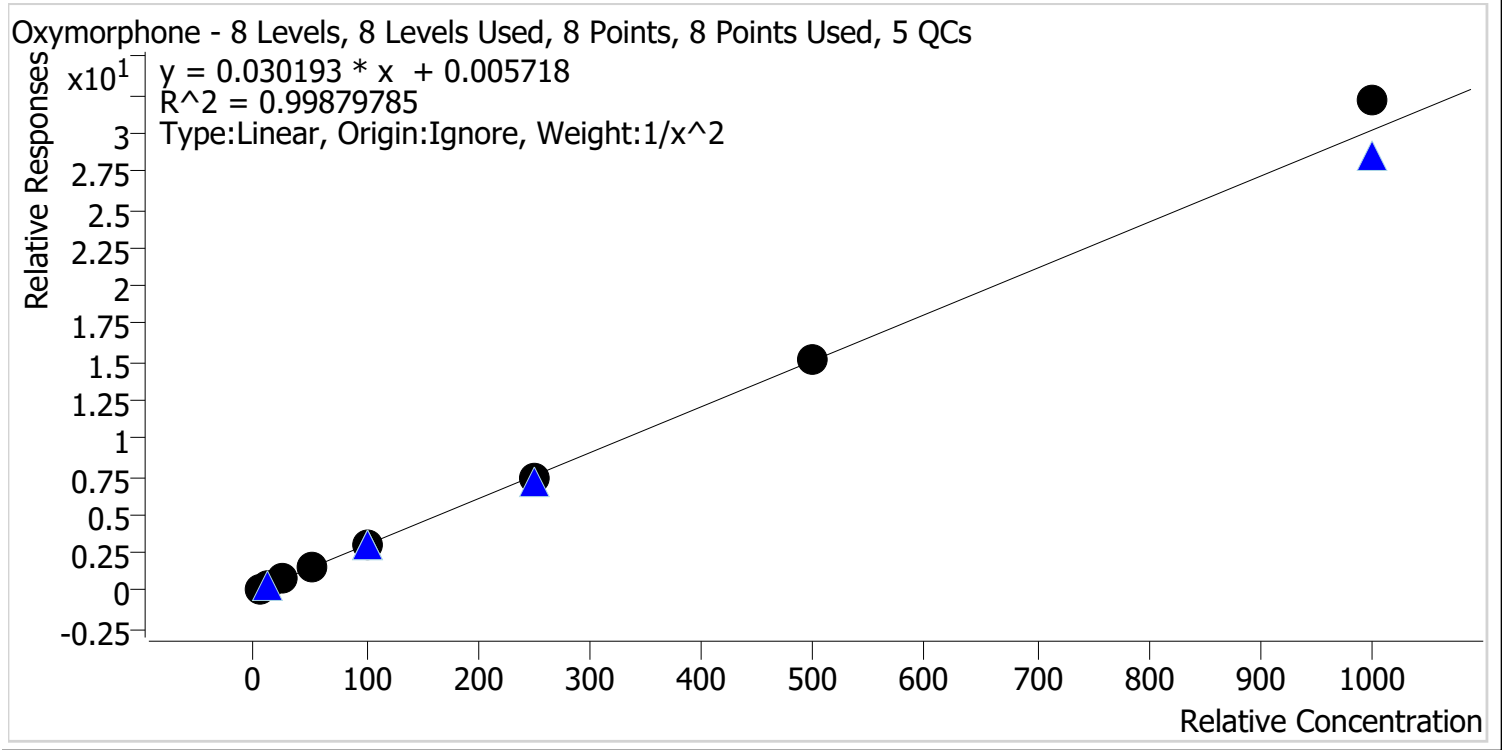
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	962.8	96.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



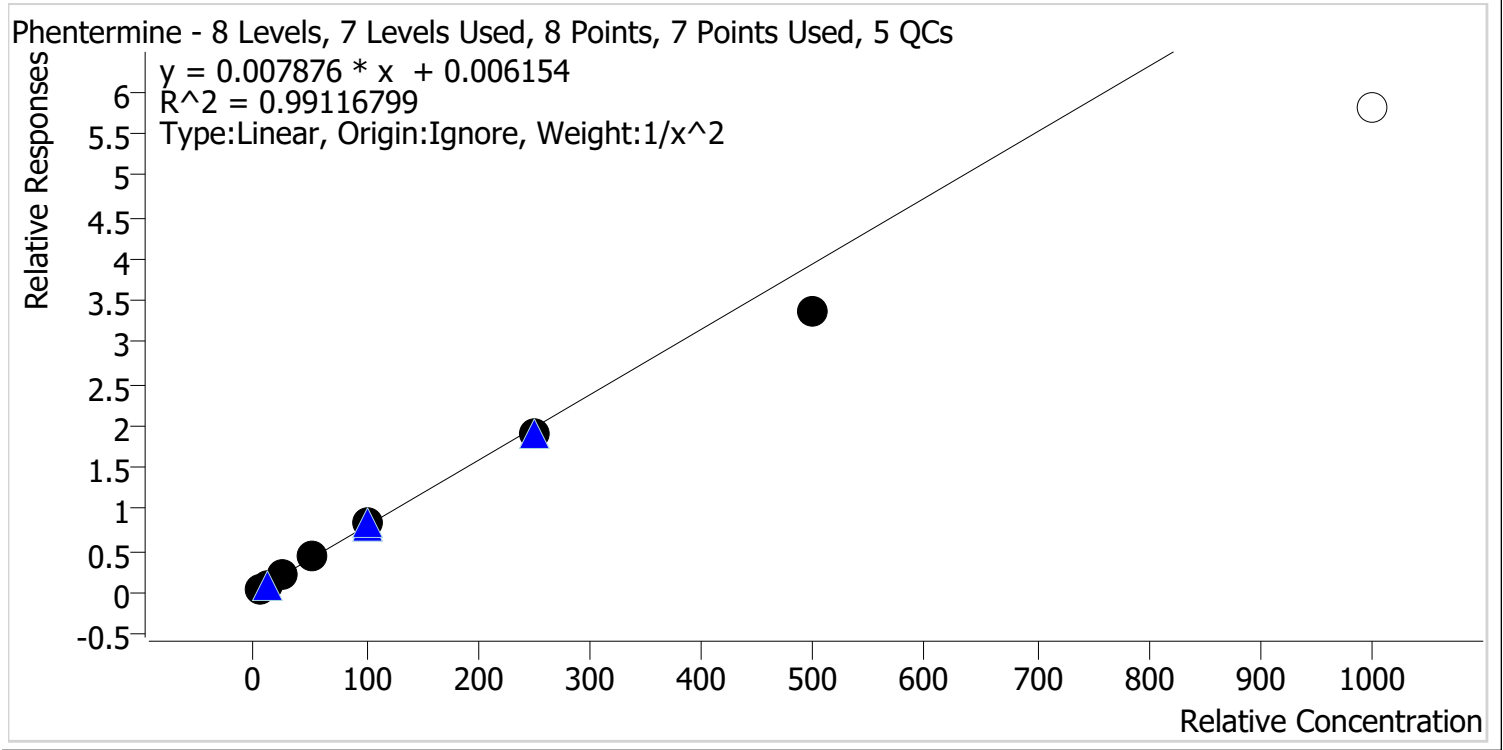
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	243.4	97.4
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1064.0	106.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	426.3	85.3
p1 Cal 8-1000ng	8	✗	1000.0	737.4	73.7

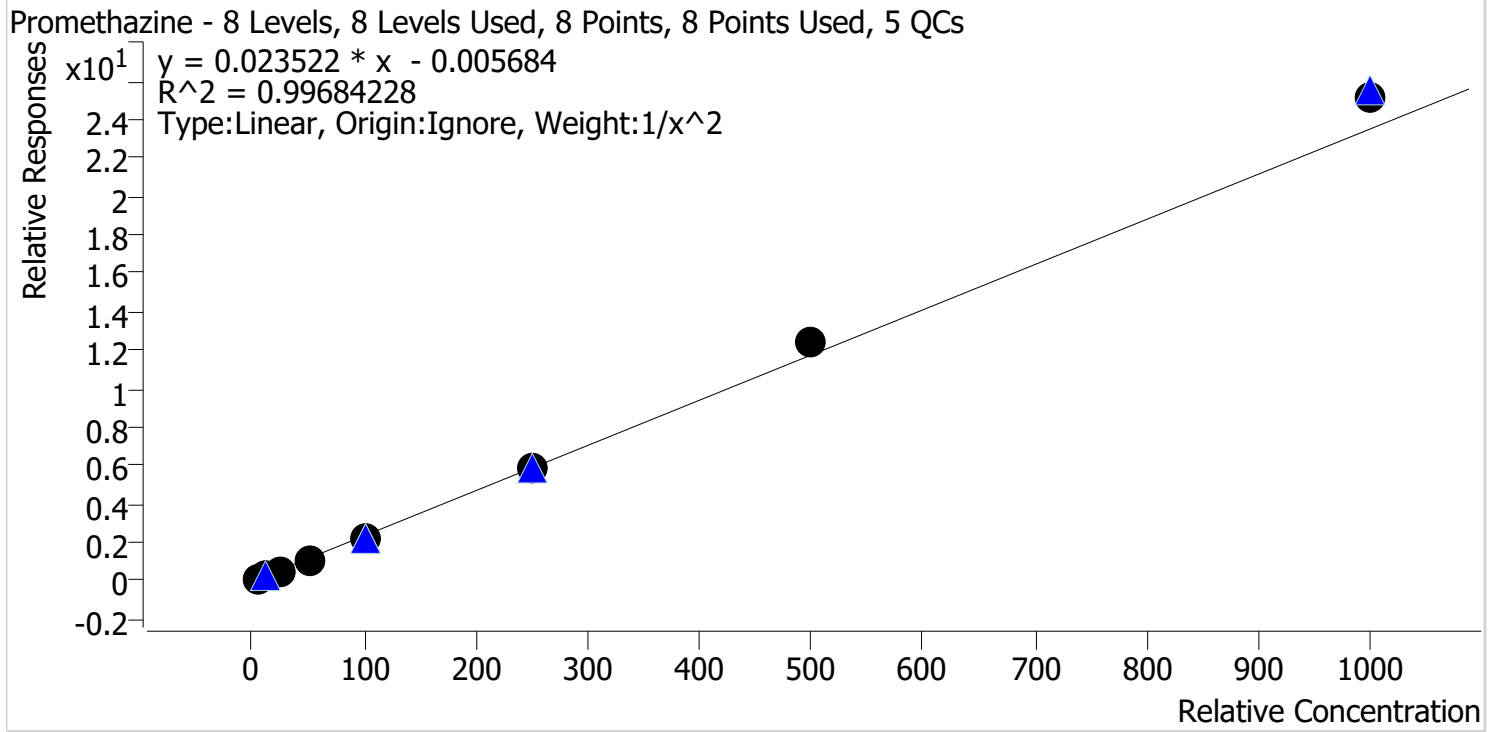
Cal 8 dropped due to accuracy



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



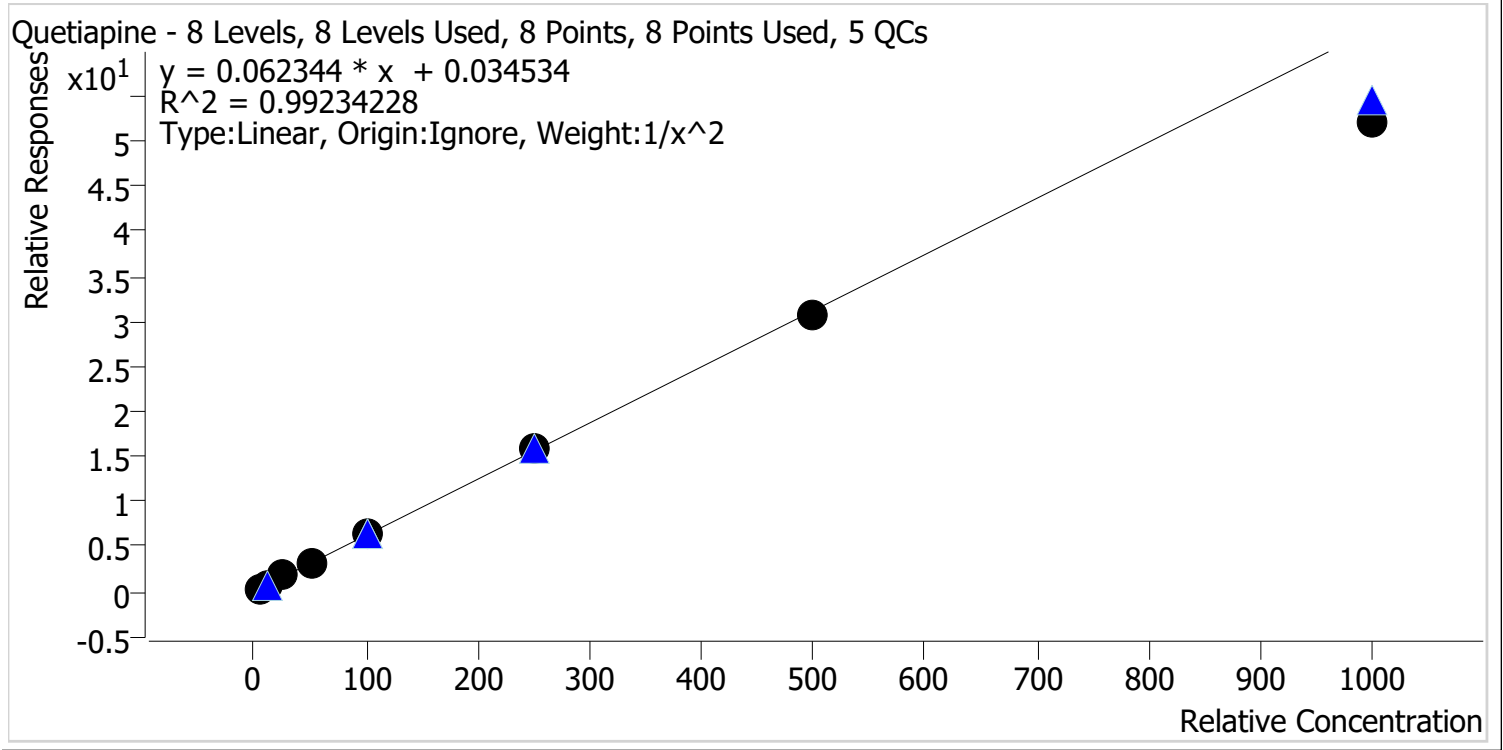
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1067.4	106.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



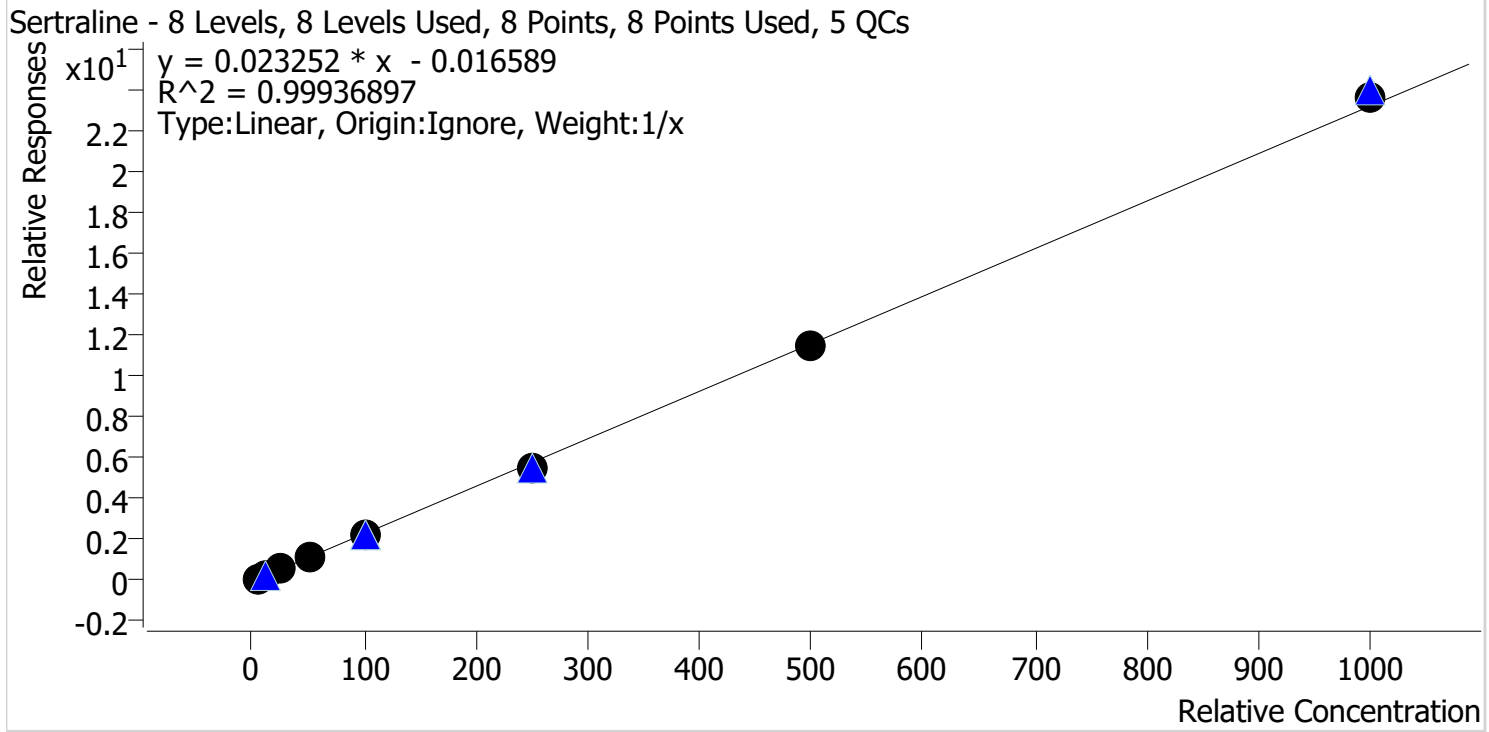
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	489.0	97.8
p1 Cal 8-1000ng	8	✓	1000.0	837.3	83.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1020.6	102.1

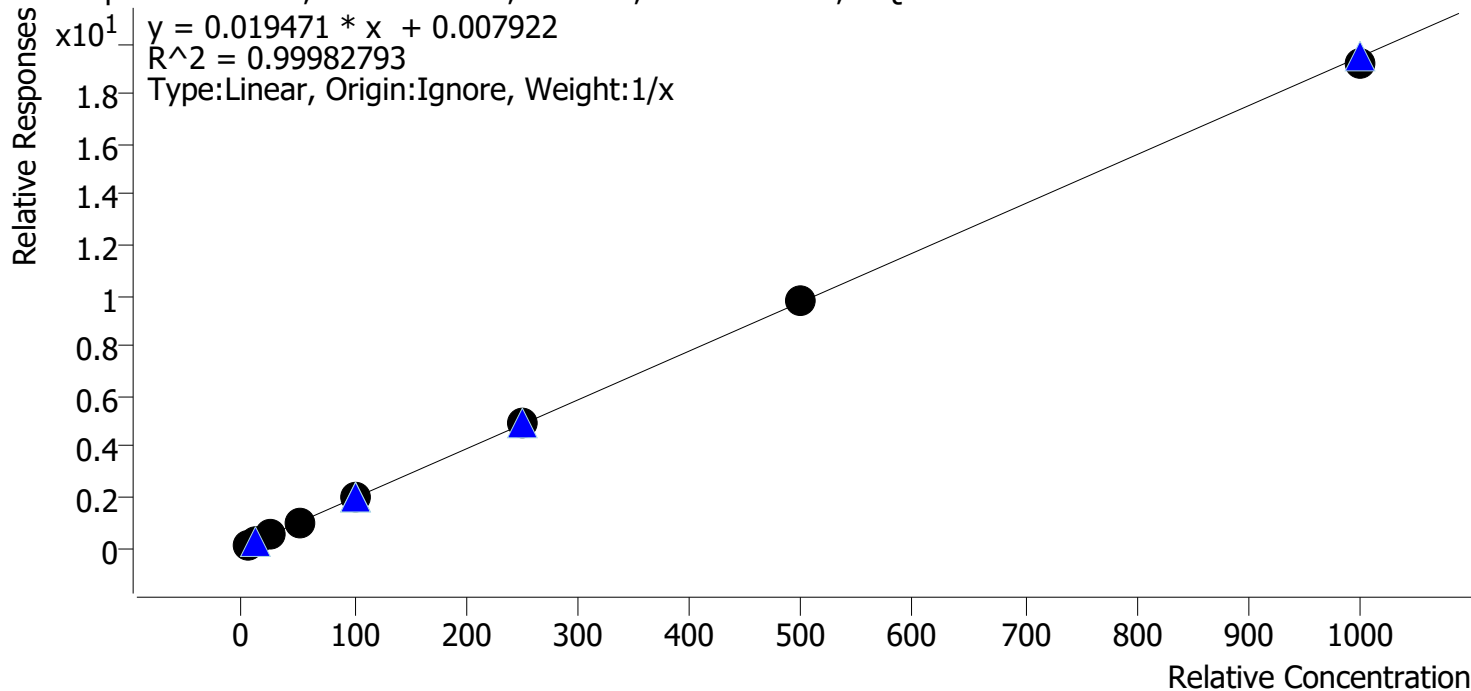
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



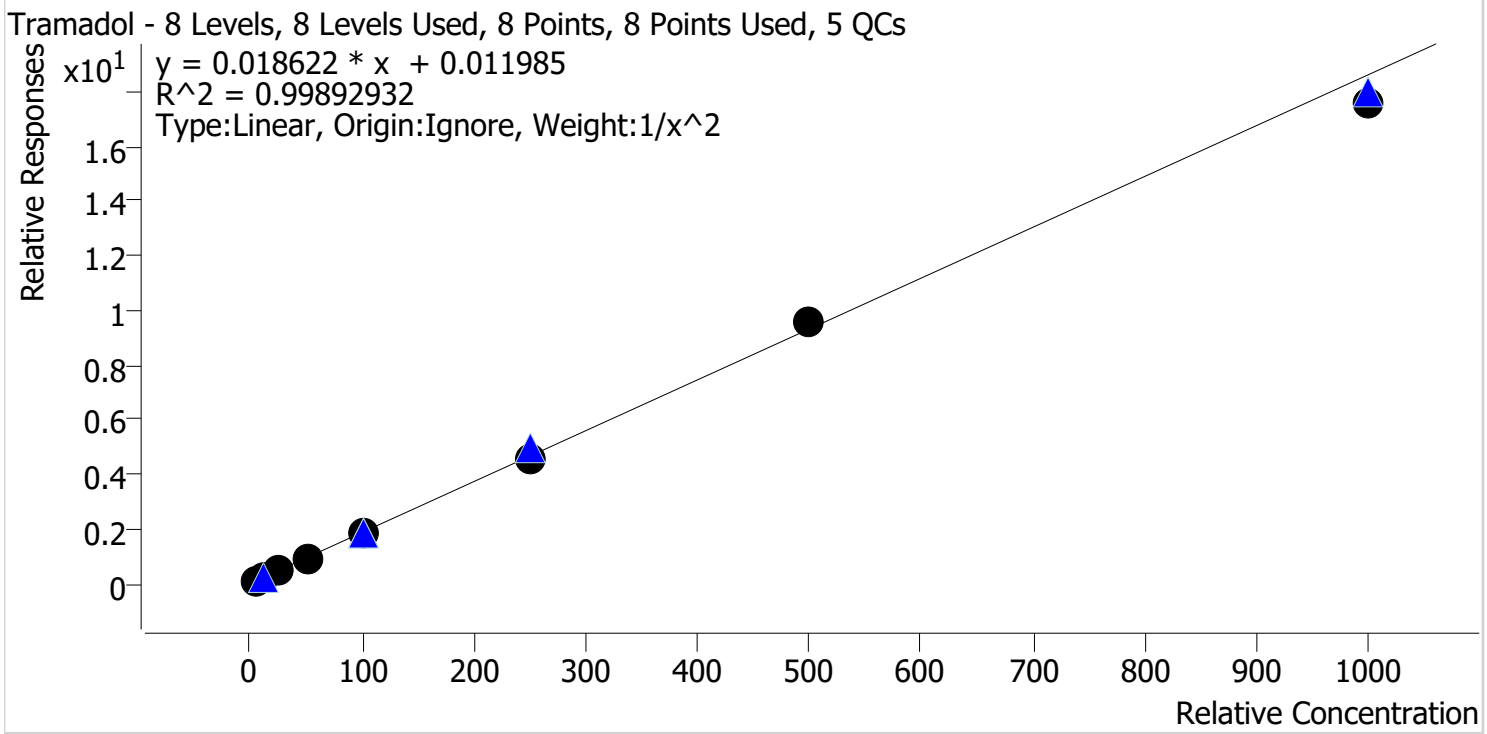
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	254.4	101.7
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	988.8	98.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



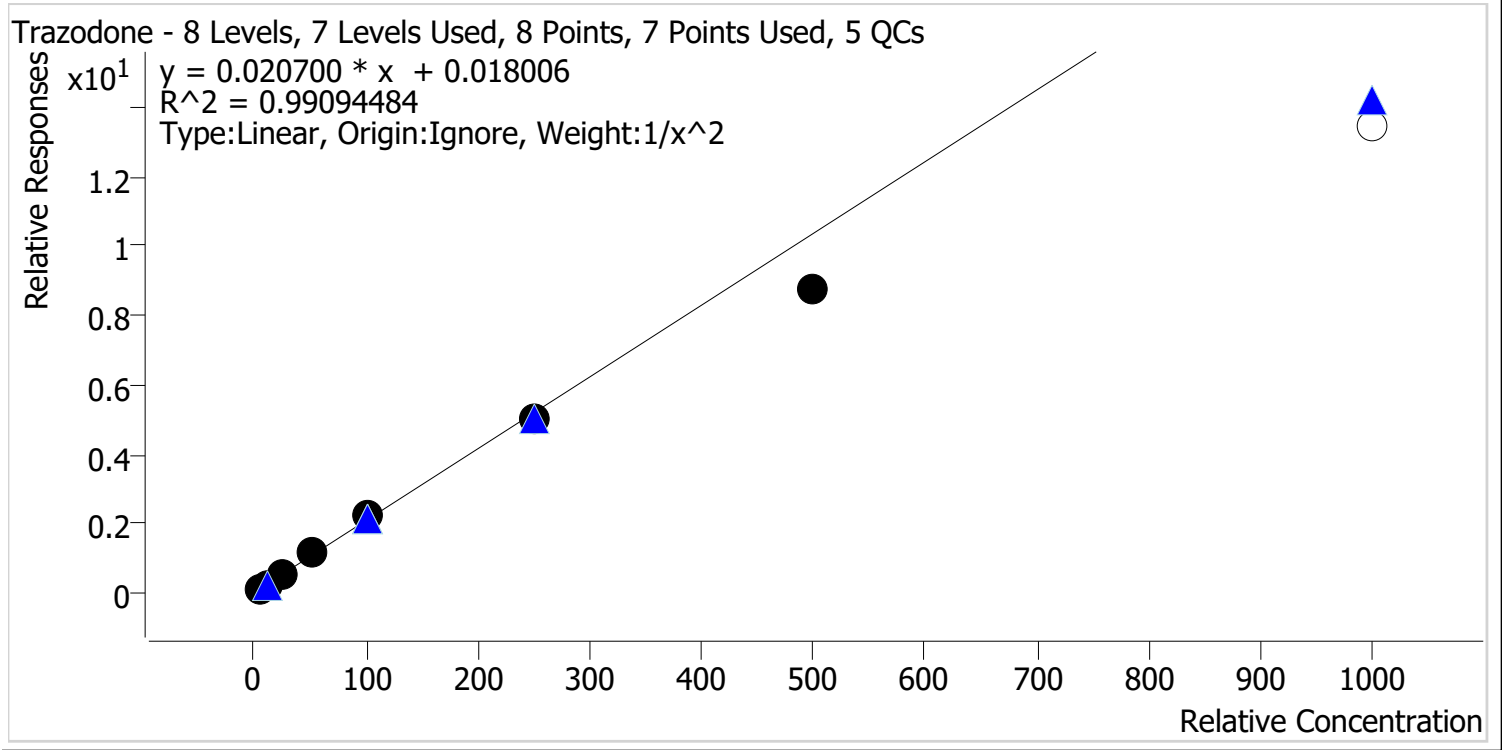
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	511.8	102.4
p1 Cal 8-1000ng	8	✓	1000.0	944.9	94.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	240.3	96.1
p1 Cal 7-500ng	7	✓	500.0	425.0	85.0
p1 Cal 8-1000ng	8	✗	1000.0	649.6	65.0

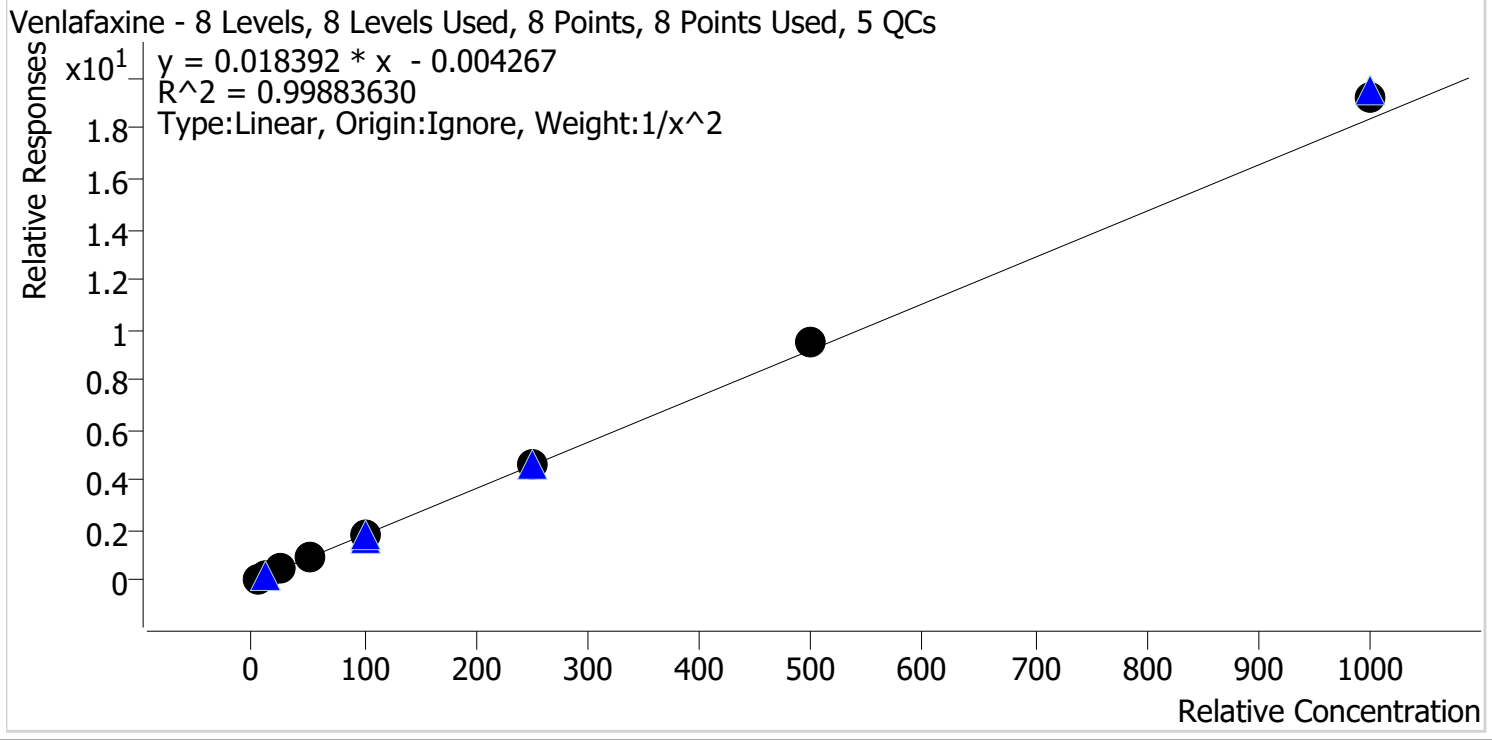
Cal 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	514.7	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1044.7	104.5

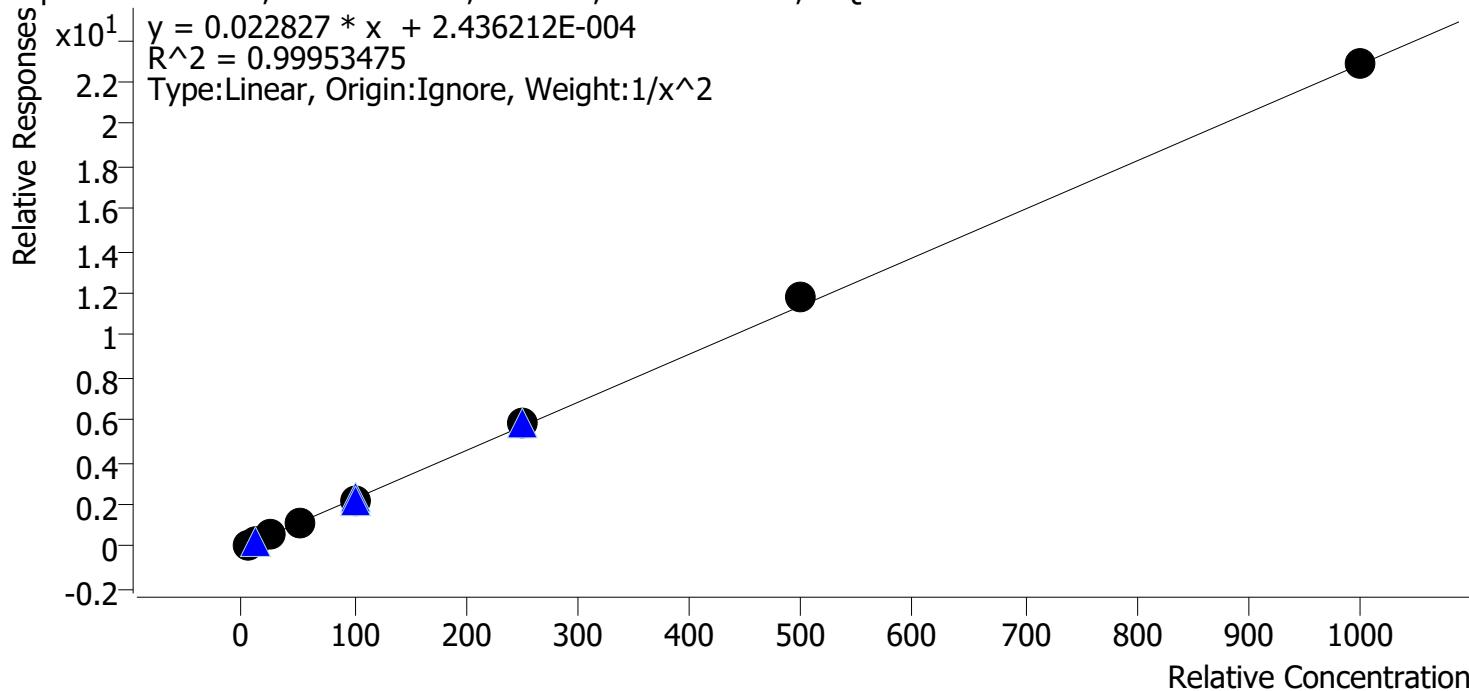
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/4/2022 2:23 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	515.3	103.1
p1 Cal 8-1000ng	8	✓	1000.0	998.9	99.9

TS

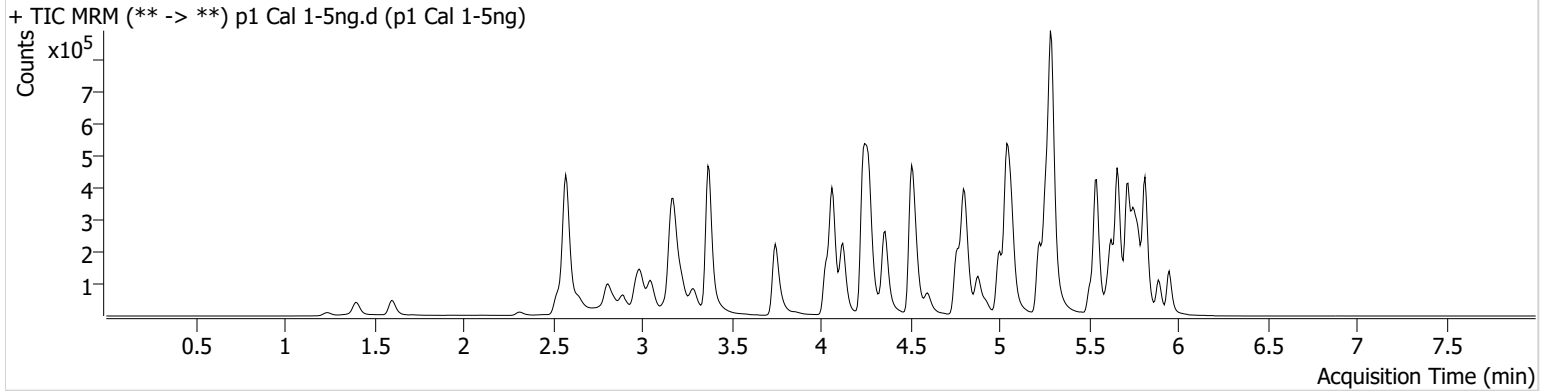


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-H12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 10:20:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	1029	3653.44	65.0	228.87	56543	0.5036 ng/ml
7-aminoclonazepam	4.258	19308	2368.24	81.3	165.24	143540	4.7276 ng/ml
a-hydroxyalprazolam	5.699	9536	298.86	68.1	200.91	239481	4.7516 ng/ml
alpha-PHP	4.930	17823	479.28	254.6	935.07	565277	5.0220 ng/ml
alpha-PVP	4.370	64195	3884.47	52.5	245.91	565277	5.0840 ng/ml
Alprazolam	5.775	34609	450.83	109.4	229.02	239481	5.1394 ng/ml
Amphetamine	3.049	115891	224.58	53.5	201.71	322853	4.7502 ng/ml
Benzoylecgonine	3.886	1369	14.54	8.7	21.48	9138	5.5386 ng/ml
Buprenorphine	5.670	1410	403.65	13.6	538.72	98529	0.4877 ng/ml
Bupropion	4.781	69775	326.36	64.2	151.91	493786	4.9635 ng/ml
Carisoprodol	5.730	40031	49191.46	53.6	65.72	362890	5.8286 ng/ml
Citalopram	5.226	51600	481.46	38.3	198.83	462454	5.1121 ng/ml
Clonazepam	5.612	40507	2175.24	34.3	141.18	103869	4.7917 ng/ml
Clonazepam	5.555	24899	38406.63	36.8	12841.18	103869	4.7505 ng/ml
Cocaine	4.271	42575	900.47	57.0	472.00	764567	5.0010 ng/ml
Codeine	2.580	6243	∞	98.3	8837.29	58741	4.9134 ng/ml
Cyclobenzaprine	5.628	45993	68704.20	7.7	169.69	356887	5.2336 ng/ml
Dextromethorphan	5.268	32714	188.86	79.8	18489.11	316803	4.9864 ng/ml
Dextrophan	4.125	18156	1356.09	219.5	593.82	433297	5.0017 ng/ml
Diazepam	5.960	23663	952.70	88.6	209.58	230318	4.9555 ng/ml
Dihydrocodeine	2.559	14221	59.31	60.6	275.94	176157	4.7392 ng/ml
Diphenhydramine	5.296	146233	4398.93	32.2	172.39	1695713	5.0805 ng/ml
Doxylamine	4.529	133241	5749.85	101.7	3763.76	1188803	5.0220 ng/ml
EDDP	5.261	50667	641.42	42.2	61208.48	569082	5.0636 ng/ml
Etizolam	5.820	13661	29078.30	25.3	2126.82	103869	5.1318 ng/ml
Fentanyl	5.082	4063	77.70	80.8	6547.57	494371	0.5232 ng/ml
Flualprazolam	5.705	14315	1343.28	102.8	339.70	239481	4.9366 ng/ml
Fluoxetine	5.721	44328	1657.49	8.5	4079.76	338412	5.1322 ng/ml
Hydrocodone	3.025	23117	49.38	32.0	69.41	257288	4.8806 ng/ml
Hydromorphone	1.608	18367	60.03	70.6	29.20	127049	5.0059 ng/ml
Ketamine	4.044	44977	750.80	37.3	118.52	394010	4.9537 ng/ml
Lamotrigine	4.273	4158	155.81	80.9	1277.54	394010	4.8517 ng/ml
Levetiracetam	2.649	21873	250.61	142.0	513.53	1189578	5.0800 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	37625	430.14	48.4	97.59	103869	4.2503 ng/ml
MDA	3.203	84161	478.07	27.4	31.52	517934	4.7510 ng/ml
MDMA	3.296	44667	66730.70	88.0	334.29	97770	5.1273 ng/ml
Meprobamate	4.904	24826	2970.38	25.6	183.67	256108	4.7207 ng/ml
Methadone	5.666	82464	255.03	51.6	420.40	714790	5.8711 ng/ml
Methamphetamine	3.224	98764	1643.39	39.3	329.47	734800	4.8538 ng/ml
Metoprolol	4.333	11793	1208.26	94.1	201.60	1065438	4.7564 ng/ml
Mirtazapine	4.597	89705	1228.18	47.0	594.16	565277	5.1185 ng/ml
Mitragynine	5.210	17929	26862.26	34.9	181.34	714790	5.0565 ng/ml
Morphine	1.247	2695	2249.23	20.5	240.46	10443	4.9376 ng/ml
Norbuprenorphine	4.992	194	5.77 Low	106.4	419.04	15676	0.4417 ng/ml
Nordiazepam	5.900	24339	471.81	59.7	385.46	165251	4.9088 ng/ml
Norfentanyl	4.086	10041	272.62	38.7	71.91	925904	0.5123 ng/ml
Norhydrocodone	3.073	3767	17.50	41.3	26.56	70913	5.2314 ng/ml
Noroxycodone	2.916	23959	237.92	46.4	14.76	152784	4.9780 ng/ml
O-desmethyl-tramadol	3.376	97917	6225.78	6.0	355.27	1151341	5.0961 ng/ml
Oxazepam	5.756	46161	96.88	74.6	62.83	358676	4.9167 ng/ml
Oxycodone	2.834	39642	560.29	31.0	336.51	330272	4.9355 ng/ml
Oxymorphone	1.405	18342	103.66	44.4	64.85	115997	5.0476 ng/ml
Phentermine	3.783	28061	121.91	5.6	48.67	638538	4.7984 ng/ml
Promethazine	5.545	91309	20876.64	29.9	1319.09	795115	5.1238 ng/ml
Pseudoephedrine	2.589	116771	2129.64	17.0	510.66	1189578	5.0888 ng/ml
Quetiapine	5.521	58461	16972.56	58.7	33294.85	175294	4.7955 ng/ml
Sertraline	5.789	15170	204.98	89.0	111.99	135319	5.5349 ng/ml
Temazepam	5.823	74655	2652.21	25.5	30.90	734733	4.8116 ng/ml
Tramadol	4.252	111126	684.41	3.2	23.80	1065438	4.9572 ng/ml
Trazodone	5.040	59608	3828.64	78.7	100795.02	505135	4.8310 ng/ml
Venlafaxine	5.043	88918	415.66	34.9	200.82	1002186	5.0560 ng/ml
Zolpidem	4.819	99771	7540.08	29.8	557.21	863599	5.0504 ng/ml

TS

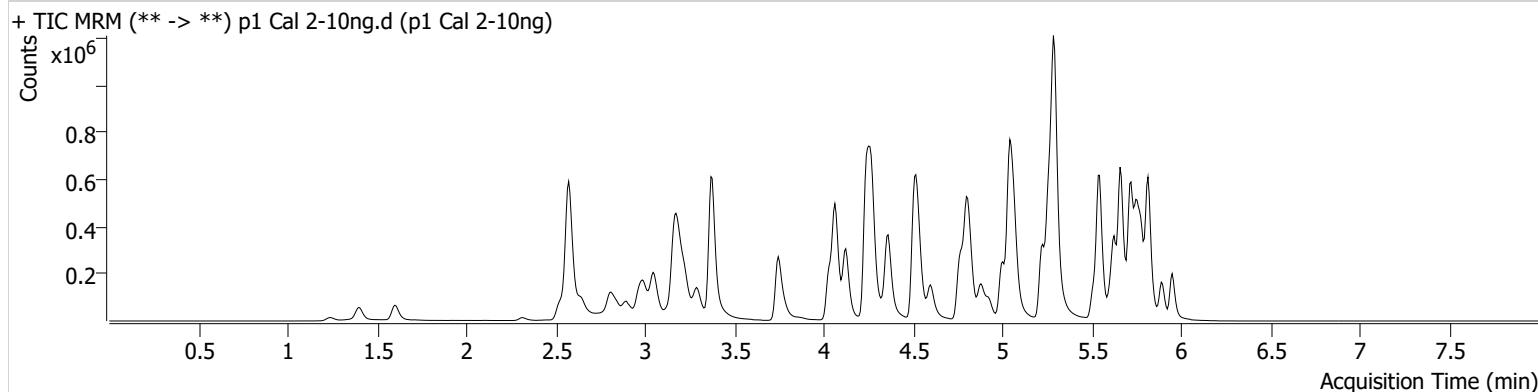


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 10:31:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	2427	315.12	74.0	5013.55	67649	1.0027 ng/ml
7-aminoclonazepam	4.258	49982	2556.43	80.7	3820.42	182193	10.6255 ng/ml
a-hydroxyalprazolam	5.699	25225	630.76	64.9	60615.64	315404	10.6770 ng/ml
alpha-PHP	4.930	43496	1388.71	261.5	6615.68	698218	9.8790 ng/ml
alpha-PVP	4.370	157295	5628.27	52.5	3927.35	698218	9.8367 ng/ml
Alprazolam	5.775	84013	481.50	111.3	616.39	315404	9.5981 ng/ml
Amphetamine	3.049	284904	951.15	52.1	200.70	392170	10.4062 ng/ml
Benzoylecgonine	3.886	2885	13.78	9.0	29.49	11145	9.4380 ng/ml
Buprenorphine	5.670	3359	163.24	15.0	484.91	119551	1.0487 ng/ml
Bupropion	4.781	172673	15007.53	61.9	264.90	608957	10.1134 ng/ml
Carisoprodol	5.730	98292	179516.99	54.9	131.61	443431	10.4187 ng/ml
Citalopram	5.226	124744	2826.43	39.0	992.32	575198	9.6806 ng/ml
Clonazepam	5.612	99934	3830.17	35.6	680.65	132816	10.2695 ng/ml
Clonazepam	5.555	65928	4311.03	35.1	43238.60	132816	10.5175 ng/ml
Cocaine	4.271	104544	411789.25	55.7	392.02	933956	9.9869 ng/ml
Codeine	2.580	13709	4768.24	105.5	163.52	68811	9.9392 ng/ml
Cyclobenzaprine	5.628	111295	353809.69	8.0	482.72	478501	9.4201 ng/ml
Dextromethorphan	5.268	82227	25308.17	78.6	253.77	394234	10.1018 ng/ml
Dextrophan	4.125	45718	145918.73	212.7	1093.25	531287	10.0692 ng/ml
Diazepam	5.960	58637	405.64	92.6	1766.28	287189	10.0240 ng/ml
Dihydrocodeine	2.559	34222	91.66	57.5	263.11	209512	10.4607 ng/ml
Diphenhydramine	5.296	361108	7980.94	31.0	116.40	2083719	9.8925 ng/ml
Doxylamine	4.529	320673	2955.49	101.6	49446.71	1422671	9.9758 ng/ml
EDDP	5.261	127021	500.65	40.7	4220.41	713782	10.0356 ng/ml
Etizolam	5.820	34449	56966.14	26.1	12465.45	132816	9.7566 ng/ml
Fentanyl	5.082	10001	227.36	76.6	20559.36	616293	0.9613 ng/ml
Flualprazolam	5.705	35911	1994.47	97.4	1588.15	315404	9.9710 ng/ml
Fluoxetine	5.721	106674	17203.93	9.2	3108.81	416149	9.7301 ng/ml
Hydrocodone	3.025	54386	54.62	34.2	54.48	311152	10.0912 ng/ml
Hydromorphone	1.608	44234	33.14	73.8	71821.05	148207	10.1436 ng/ml
Ketamine	4.044	106536	423.23	38.0	259.43	486533	10.0772 ng/ml
Lamotrigine	4.273	9853	569.80	86.8	510.34	486533	10.3101 ng/ml
Levetiracetam	2.643	51810	571.60	141.9	401.06	1439901	9.9059 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	89870	2182.51	50.6	115.12	132816	10.2470 ng/ml
MDA	3.203	198109	1994.01	28.5	290.99	613805	10.4422 ng/ml
MDMA	3.296	107787	4409.09	88.7	1316.19	130170	9.5270 ng/ml
Meprobamate	4.904	60100	201.88	25.1	416.81	312631	10.4881 ng/ml
Methadone	5.666	201048	2061.13	52.7	1619.43	895686	10.2164 ng/ml
Methamphetamine	3.224	230066	765.79	39.9	973.13	906874	10.1883 ng/ml
Metoprolol	4.333	29838	36552.48	92.0	690.33	1324188	10.4912 ng/ml
Mirtazapine	4.597	220974	1467.39	46.7	13248.79	698218	9.7713 ng/ml
Mitragynine	5.210	44484	58363.41	34.9	170.86	895686	10.0081 ng/ml
Morphine	1.247	6370	3208.57	20.9	59.28	12051	9.9427 ng/ml
Norbuprenorphine	4.999	472	1884.20	111.1	763.88	19790	0.9578 ng/ml
Nordiazepam	5.900	62133	904.56	59.3	815.96	208493	10.1815 ng/ml
Norfentanyl	4.093	24456	3247.69	36.0	9.76 Low	1113312	0.9905 ng/ml
Norhydrocodone	3.073	8964	59.71	40.1	40.46	82297	9.6709 ng/ml
Noroxycodone	2.916	54715	195.12	47.4	304.11	181860	10.0130 ng/ml
O-desmethyl-tramadol	3.376	233649	4704.01	5.7	152.03	1404634	9.7954 ng/ml
Oxazepam	5.756	113196	1735.89	75.9	324.51	446341	10.1634 ng/ml
Oxycodone	2.834	95277	1159.57	28.8	255.43	391268	10.2100 ng/ml
Oxymorphone	1.405	40463	∞	47.3	169.14	132677	9.9114 ng/ml
Phentermine	3.783	68230	218.45	5.2	79.21	776786	10.3710 ng/ml
Promethazine	5.545	222241	2328.69	29.6	767.99	983664	9.8468 ng/ml
Pseudoephedrine	2.583	286749	521.32	16.6	57.42	1439901	9.9206 ng/ml
Quetiapine	5.521	147274	182.45	58.4	437630.42	215965	10.3843 ng/ml
Sertraline	5.789	35901	337.01	95.9	1739.65	166100	10.0092 ng/ml
Temazepam	5.823	187859	4875.97	27.0	132.83	927485	9.9956 ng/ml
Tramadol	4.252	262529	457.71	3.3	80.40	1324188	10.0026 ng/ml
Trazodone	5.040	144429	431311.51	78.4	183334.10	629050	10.2221 ng/ml
Venlafaxine	5.043	219875	1209.33	35.0	4288.71	1227426	9.9717 ng/ml
Zolpidem	4.819	238479	2221.20	30.8	3738.22	1057465	9.8688 ng/ml

TS

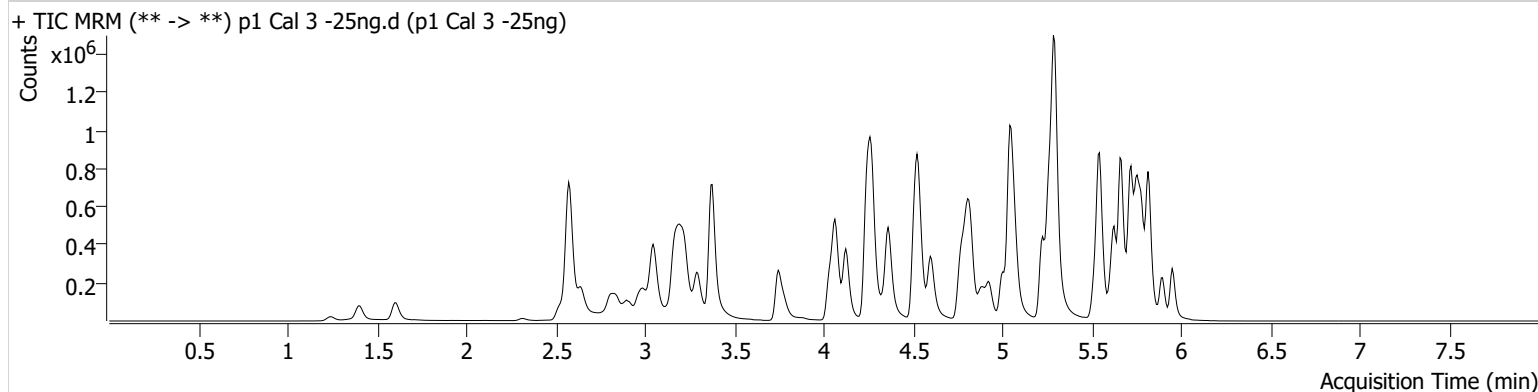


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 10:41:44 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	5684	324.10	75.7	320.99	66519	2.4029 ng/ml
7-aminoclonazepam	4.258	123136	8832.19	80.7	3755.59	187183	26.8025 ng/ml
a-hydroxyalprazolam	5.699	57390	959.57	66.9	1260.49	306306	26.5212 ng/ml
alpha-PHP	4.930	106519	10441.92	259.3	26382.84	668985	25.1810 ng/ml
alpha-PVP	4.370	379191	993.47	51.7	358.82	668985	24.3663 ng/ml
Alprazolam	5.775	201588	689.05	111.1	2802.06	306306	23.9330 ng/ml
Amphetamine	3.049	712404	1372.46	49.0	128.12	385592	27.6589 ng/ml
Benzoylcegonine	3.886	7388	120.26	7.8	366.78	10395	25.6000 ng/ml
Buprenorphine	5.670	7316	109.21	15.5	1358.39	115011	2.4930 ng/ml
Bupropion	4.781	409619	26584.51	63.4	844.62	588341	25.0535 ng/ml
Carisoprodol	5.730	228514	104176.74	55.3	427.67	420764	23.6689 ng/ml
Citalopram	5.226	308234	1164.35	38.4	371.12	548184	24.6677 ng/ml
Clonazepam	5.612	236351	1770504.12	35.1	384.90	126607	27.1115 ng/ml
Clonazepam	5.555	155397	449557.47	35.8	1616.95	126607	26.9424 ng/ml
Cocaine	4.271	255079	319797.56	53.3	14339.82	899621	25.1970 ng/ml
Codeine	2.580	34971	2460.79	101.8	2856.39	68998	26.5747 ng/ml
Cyclobenzaprine	5.628	278046	31789.24	7.8	1324.45	472687	23.7749 ng/ml
Dextromethorphan	5.268	194776	679.94	79.5	458.65	379285	24.9150 ng/ml
Dextrophan	4.125	109326	2807.85	213.0	19106.12	505149	25.0336 ng/ml
Diazepam	5.960	144901	844.88	91.0	469.14	278432	25.8257 ng/ml
Dihydrocodeine	2.559	82092	176.07	60.8	202.86	202928	27.1654 ng/ml
Diphenhydramine	5.296	862399	12176.84	31.7	7105.83	2005542	24.0810 ng/ml
Doxylamine	4.529	785566	49710.91	101.1	10955.39	1404369	24.5752 ng/ml
EDDP	5.261	308381	1106222.39	42.4	5707.41	726037	23.8347 ng/ml
Etizolam	5.820	82654	207385.69	26.5	26175.69	126607	23.9891 ng/ml
Fentanyl	5.082	24790	174.72	74.4	35622.02	613609	2.2831 ng/ml
Flualprazolam	5.705	86399	5323.95	101.5	10125.00	306306	25.6290 ng/ml
Fluoxetine	5.721	274819	20164.05	9.0	64655.70	422310	24.1979 ng/ml
Hydrocodone	3.025	132365	242.93	33.1	485.98	294007	26.9868 ng/ml
Hydromorphone	1.608	102512	2189.57	77.4	698226.99	144633	23.8420 ng/ml
Ketamine	4.044	254722	1193.51	38.9	250.83	476866	25.4836 ng/ml
Lamotrigine	4.273	23340	283.57	84.4	16799.61	476866	26.4580 ng/ml
Levetiracetam	2.643	123513	1161.94	141.1	3638.37	1384446	24.5067 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	204081	3232.94	51.8	553.59	126607	28.0850 ng/ml
MDA	3.203	465198	1638.52	27.7	315.00	583722	27.2817 ng/ml
MDMA	3.296	261216	1907.10	90.4	3522.06	122761	24.9328 ng/ml
Meprobamate	4.904	144136	25532.91	25.1	3644.83	300659	27.8661 ng/ml
Methadone	5.666	496571	22502.45	53.1	575.64	891776	23.4551 ng/ml
Methamphetamine	3.224	542875	929.27	39.4	538.32	877446	26.5120 ng/ml
Metoprolol	4.333	70548	108004.78	94.8	277.17	1264102	27.1369 ng/ml
Mirtazapine	4.597	537913	3855.26	46.6	18257.81	668985	24.1488 ng/ml
Mitragynine	5.210	107439	141426.08	34.8	825.74	891776	24.2721 ng/ml
Morphine	1.247	16717	261.92	17.3	285.39	11527	26.9915 ng/ml
Norbuprenorphine	4.999	1152	13.82	97.6	4824.15	18586	2.6791 ng/ml
Nordiazepam	5.900	151324	3247.36	57.9	359.72	203217	25.8055 ng/ml
Norfentanyl	4.093	58171	320.93	35.6	280.99	1088070	2.3447 ng/ml
Norhydrocodone	3.073	21310	148.07	40.2	173.30	76088	23.2846 ng/ml
Noroxycodone	2.916	128526	1390.15	48.3	806.75	174302	25.2714 ng/ml
O-desmethyl-tramadol	3.376	565003	832.28	5.6	220.48	1350114	24.3708 ng/ml
Oxazepam	5.756	264256	288.21	73.4	1018.00	425579	25.5924 ng/ml
Oxycodone	2.834	231275	2234.05	29.3	430.48	389147	25.1945 ng/ml
Oxymorphone	1.405	97981	290.24	45.9	∞	129766	24.8183 ng/ml
Phentermine	3.783	163921	1436.67	5.4	151.70	753236	26.8497 ng/ml
Promethazine	5.545	539646	21285.63	29.8	691.97	979889	23.6546 ng/ml
Pseudoephedrine	2.583	679758	348.90	17.0	8609.12	1384446	23.8850 ng/ml
Quetiapine	5.521	360897	650904.54	56.7	1557.80	209516	27.0755 ng/ml
Sertraline	5.789	98218	379.55	95.4	2772.23	175842	24.7358 ng/ml
Temazepam	5.823	434943	1852.20	27.2	208.99	889574	24.7038 ng/ml
Tramadol	4.252	622612	350.54	3.2	107.13	1264102	25.8049 ng/ml
Trazodone	5.040	358316	40750.93	76.6	58533.30	622015	26.9595 ng/ml
Venlafaxine	5.043	523160	723.03	34.2	319.71	1179866	24.3402 ng/ml
Zolpidem	4.826	572401	4944.87	30.3	987.25	1013113	24.7403 ng/ml

TS

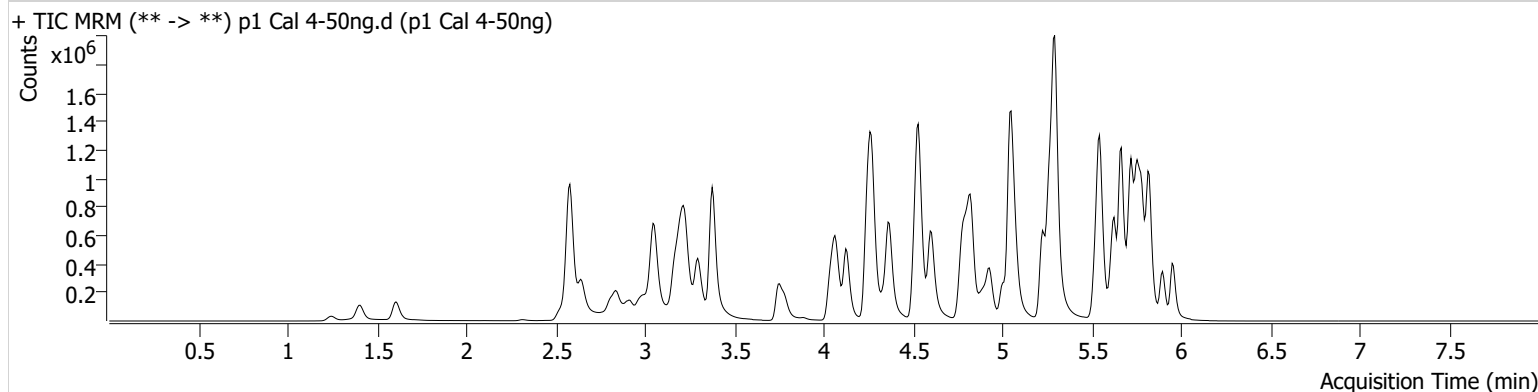


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-E12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 10:52:20 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	11206	362.82	72.7	3291.75	64158	4.9226 ng/ml
7-aminoclonazepam	4.258	237380	341.16	78.2	167.55	182137	54.0294 ng/ml
a-hydroxyalprazolam	5.699	106367	489.08	67.4	317.14	289484	53.0910 ng/ml
alpha-PHP	4.930	206725	3349.60	258.7	1500.76	647723	50.4294 ng/ml
alpha-PVP	4.370	741499	15947.81	52.1	343.03	647723	48.9540 ng/ml
Alprazolam	5.782	400554	3769.13	108.6	1168.38	289484	50.4820 ng/ml
Amphetamine	3.056	1338920	2308.85	49.1	618.16	372621	54.5240 ng/ml
Benzoylecgonine	3.886	14277	238.58	7.4	182.46	10498	48.8204 ng/ml
Buprenorphine	5.670	13995	1801.60	16.2	239.33	111316	5.0193 ng/ml
Bupropion	4.781	807638	2266.85	63.0	602.87	577072	50.5160 ng/ml
Carisoprodol	5.730	442337	426914.73	52.9	1105.84	395537	47.3813 ng/ml
Citalopram	5.226	594784	15554.27	38.8	345.99	537151	48.3150 ng/ml
Clonazepam	5.612	456163	538.90	34.5	365611.65	124170	54.4198 ng/ml
Clonazepam	5.555	296534	7967.32	36.2	189698.02	124170	53.0227 ng/ml
Cocaine	4.271	494644	585142.57	54.6	18545.54	879998	49.8868 ng/ml
Codeine	2.580	64222	433.44	103.8	180761.94	64512	53.0005 ng/ml
Cyclobenzaprine	5.635	553590	19356.53	7.8	132.12	479843	46.5994 ng/ml
Dextromethorphan	5.275	374589	1764.78	79.9	11282.40	367509	49.4804 ng/ml
Dextrophan	4.132	210687	648.37	215.4	1635.26	499124	48.6432 ng/ml
Diazepam	5.960	285664	2714.68	91.8	1156.90	282321	50.3806 ng/ml
Dihydrocodeine	2.559	161383	157.96	60.6	1665.69	201088	54.7310 ng/ml
Diphenhydramine	5.296	1720727	3585.18	31.6	2221.58	1974526	48.4805 ng/ml
Doxylamine	4.529	1548710	11831.16	100.2	216629.33	1381984	49.1109 ng/ml
EDDP	5.268	590925	17740.31	41.6	698.77	687413	48.1510 ng/ml
Etizolam	5.820	160659	13028.47	26.1	5576.98	124170	47.1767 ng/ml
Fentanyl	5.082	49474	1212.18	76.9	234.66	593597	4.6315 ng/ml
Flualprazolam	5.712	169890	10932.89	98.5	20331.13	289484	54.0018 ng/ml
Fluoxetine	5.721	511451	39127.77	8.9	174480.86	400000	47.2295 ng/ml
Hydrocodone	3.025	244012	159.10	34.1	124.42	288946	51.1738 ng/ml
Hydromorphone	1.608	188986	483719.32	74.4	1137058.67	126214	50.1689 ng/ml
Ketamine	4.051	489193	1082.63	38.6	4822.67	469019	50.3563 ng/ml
Lamotrigine	4.280	44301	692.19	84.5	148252.67	469019	52.0708 ng/ml
Levetiracetam	2.649	224215	6867.77	141.7	8360.23	1320562	46.6061 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	360841	10106.04	51.1	673.75	124170	52.7667 ng/ml
MDA	3.203	866948	1014.60	28.1	585.49	554652	54.4871 ng/ml
MDMA	3.296	503981	4674.87	89.7	1789.04	119472	49.7111 ng/ml
Meprobamate	4.911	264834	11458.24	25.0	5026.64	288843	54.3407 ng/ml
Methadone	5.666	997600	7912.35	51.9	689.45	871388	46.8760 ng/ml
Methamphetamine	3.231	1056306	5770.09	39.6	939.49	876812	52.7194 ng/ml
Metoprolol	4.333	134357	1005.84	94.9	795.94	1244611	53.2204 ng/ml
Mirtazapine	4.604	1040569	85238.09	46.3	6812.87	647723	47.8101 ng/ml
Mitragynine	5.210	205860	1310.87	35.1	151312.20	871388	47.5915 ng/ml
Morphine	1.247	28796	482.95	20.0	220.45	10822	49.3871 ng/ml
Norbuprenorphine	4.999	2277	3298.25	89.6	4583.43	18658	5.3902 ng/ml
Nordiazepam	5.900	295377	3218.16	59.7	7234.42	200634	51.2571 ng/ml
Norfentanyl	4.093	112932	1105.11	36.2	1079.46	1042239	4.7048 ng/ml
Norhydrocodone	3.073	33675	391.84	42.5	119.98	64783	42.3554 ng/ml
Noroxycodone	2.916	229703	230.52	48.7	346.22	157780	50.3852 ng/ml
O-desmethyl-tramadol	3.383	1094561	30743.60	5.8	4028.15	1311984	48.4060 ng/ml
Oxazepam	5.756	488367	7810.43	73.6	2889.06	394415	51.5202 ng/ml
Oxycodone	2.834	440425	630.58	29.4	403.13	372936	50.2532 ng/ml
Oxymorphone	1.405	180749	170.06	45.4	698.19	123750	48.1858 ng/ml
Phentermine	3.783	315170	322.07	5.4	396.69	736586	53.5455 ng/ml
Promethazine	5.545	1066461	2875.51	30.3	520.29	965406	47.2051 ng/ml
Pseudoephedrine	2.583	1320616	13563.68	16.9	189.09	1320562	48.2414 ng/ml
Quetiapine	5.521	687670	3858234.10	59.9	406.81	210925	51.7409 ng/ml
Sertraline	5.789	196527	7938.07	94.5	4879.38	175390	48.9041 ng/ml
Temazepam	5.823	829018	1697.09	27.1	1035.86	831985	50.7680 ng/ml
Tramadol	4.252	1196887	662.98	3.3	228.20	1244611	50.9963 ng/ml
Trazodone	5.040	688479	83824.16	77.7	46279.29	615043	53.2085 ng/ml
Venlafaxine	5.050	1024209	1394.99	34.1	5694.52	1162630	48.1292 ng/ml
Zolpidem	4.826	1124907	12323.97	30.2	8318.21	992904	49.6210 ng/ml

TS



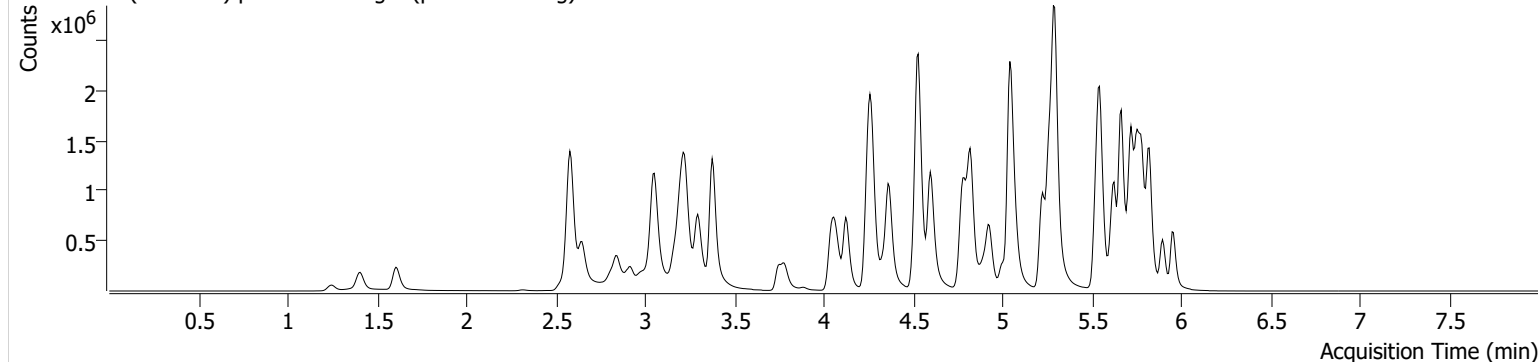
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-D12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 11:02:56 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 5-100ng.d (p1 Cal 5-100ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.138	21976	2767.49	70.5	406.53	61493	10.0830 ng/ml
7-aminoclonazepam	4.258	412477	8686.14	80.7	31893.50	161010	107.1155 ng/ml
a-hydroxyalprazolam	5.699	183105	927.16	65.8	408.67	264567	100.9937 ng/ml
alpha-PHP	4.930	381461	23991.66	260.0	70009.08	608609	98.9930 ng/ml
alpha-PVP	4.370	1374560	5275.49	51.8	585.06	608609	96.3352 ng/ml
Alprazolam	5.782	707225	1668.02	110.7	1440.83	264567	97.6650 ng/ml
Amphetamine	3.056	2412303	30081.32	48.6	654.35	352523	104.5351 ng/ml
Benzoylecgonine	3.886	26609	5713.91	8.3	159.68	10048	94.8916 ng/ml
Buprenorphine	5.670	25784	59831.34	14.7	5172.74	102955	10.0916 ng/ml
Bupropion	4.781	1514170	74881.16	63.4	2688.33	544953	100.4402 ng/ml
Carisoprodol	5.730	734826	1267177.06	53.8	656.78	335227	91.6421 ng/ml
Citalopram	5.226	1112230	474.14	39.3	15956.09	491951	98.3669 ng/ml
Clonazepam	5.612	787941	1449.63	35.1	1572094.43	110082	107.0761 ng/ml
Clonazolam	5.555	526707	451490.31	36.0	433149.71	110082	106.8704 ng/ml
Cocaine	4.271	893896	559.79	54.8	62752.24	805068	98.4801 ng/ml
Codeine	2.580	118830	150.08	104.0	441463.54	59338	107.4603 ng/ml
Cyclobenzaprine	5.628	1020326	3872.85	7.7	3084.17	431345	95.5112 ng/ml
Dextromethorphan	5.268	687818	1538.07	79.5	33259.43	339756	98.3063 ng/ml
Dextrophan	4.125	396306	13446.67	216.4	2144.67	469969	96.9832 ng/ml
Diazepam	5.960	520398	707.66	90.8	4260.75	256844	101.0613 ng/ml
Dihydrocodeine	2.559	296658	∞	60.9	282.81	189988	107.2908 ng/ml
Diphenhydramine	5.296	3197069	71889.79	31.4	22235.42	1825225	97.1264 ng/ml
Doxylamine	4.529	2965203	104008.40	99.9	29754.20	1274451	101.8310 ng/ml
EDDP	5.261	1092767	50857.47	42.2	389.00	639844	95.5788 ng/ml
Etizolam	5.820	292425	1471.14	26.6	7593.71	110082	96.4644 ng/ml
Fentanyl	5.082	96227	7958.61	76.3	11613.24	569054	9.3208 ng/ml
Flualprazolam	5.705	295373	7062.29	101.1	548796.84	264567	103.2975 ng/ml
Fluoxetine	5.721	933832	89899.78	8.7	464.40	356998	96.2787 ng/ml
Hydrocodone	3.025	462378	153.13	33.8	225.68	271023	104.0261 ng/ml
Hydromorphone	1.608	381450	3179.88	75.2	1002490.64	126667	100.7170 ng/ml
Ketamine	4.044	920929	455.15	38.9	408.37	440141	101.6477 ng/ml
Lamotrigine	4.280	80036	1268.64	82.7	2654.33	440141	101.2514 ng/ml
Levetiracetam	2.649	433209	2506.20	142.3	790.58	1231037	96.5574 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	561646	11411.37	51.1	3191.34	110082	94.6510 ng/ml
MDA	3.203	1521058	780.86	28.4	1618.34	514579	103.9506 ng/ml
MDMA	3.296	936199	2909.34	90.2	7212.06	113216	97.7225 ng/ml
Meprobamate	4.904	475281	36854.45	24.9	6115.48	267518	106.3700 ng/ml
Methadone	5.666	1865920	41011.47	51.8	25918.32	812545	92.7434 ng/ml
Methamphetamine	3.231	1986250	16413.70	39.2	8458.26	832746	105.5117 ng/ml
Metoprolol	4.333	249013	1982.04	95.8	5960.11	1189454	103.9439 ng/ml
Mirtazapine	4.597	1979663	7597.52	46.5	9156.68	608609	96.3535 ng/ml
Mitragynine	5.210	390611	448982.25	35.2	133716.15	812545	96.8384 ng/ml
Morphine	1.247	57162	5189.33	19.1	3865.62	10392	101.9155 ng/ml
Norbuprenorphine	4.999	3966	8660.61	99.2	3473.32	17695	9.9986 ng/ml
Nordiazepam	5.900	517100	732.57	59.5	973.46	179696	100.4210 ng/ml
Norfentanyl	4.093	214643	248.67	35.8	3060.36	975249	9.5090 ng/ml
Norhydrocodone	3.073	68715	327.45	38.9	135.33	59131	93.4464 ng/ml
Noroxycodone	2.916	444589	304.61	48.7	12643.93	151379	102.1564 ng/ml
O-desmethyl-tramadol	3.376	2090030	117758.40	5.7	7780.75	1248100	96.9795 ng/ml
Oxazepam	5.756	804122	12069.52	73.5	3901.49	329534	102.0074 ng/ml
Oxycodone	2.841	836748	1151.91	29.3	2444.75	355104	100.4592 ng/ml
Oxymorphone	1.405	358031	775.97	48.0	161.02	117946	100.3489 ng/ml
Phentermine	3.783	577893	688.73	5.3	164.82	699307	104.1421 ng/ml
Promethazine	5.545	2008993	1536.77	29.8	9022.02	889253	96.2874 ng/ml
Pseudoephedrine	2.589	2464546	45459.82	16.7	21511.16	1231037	96.1831 ng/ml
Quetiapine	5.521	1285926	77866.01	59.9	519987.15	197018	104.1388 ng/ml
Sertraline	5.789	330344	6532.00	95.2	15511.14	150638	95.0278 ng/ml
Temazepam	5.823	1435402	102109.53	26.5	1001.75	720548	101.9032 ng/ml
Tramadol	4.252	2250055	2388.10	3.2	1709.90	1189454	100.9371 ng/ml
Trazodone	5.040	1277922	61491.66	78.1	50637.76	578997	105.7569 ng/ml
Venlafaxine	5.043	1937580	1569.29	33.9	2447.80	1088931	96.9756 ng/ml
Zolpidem	4.819	2127089	2503.90	29.8	41876.43	957674	97.2903 ng/ml

TS

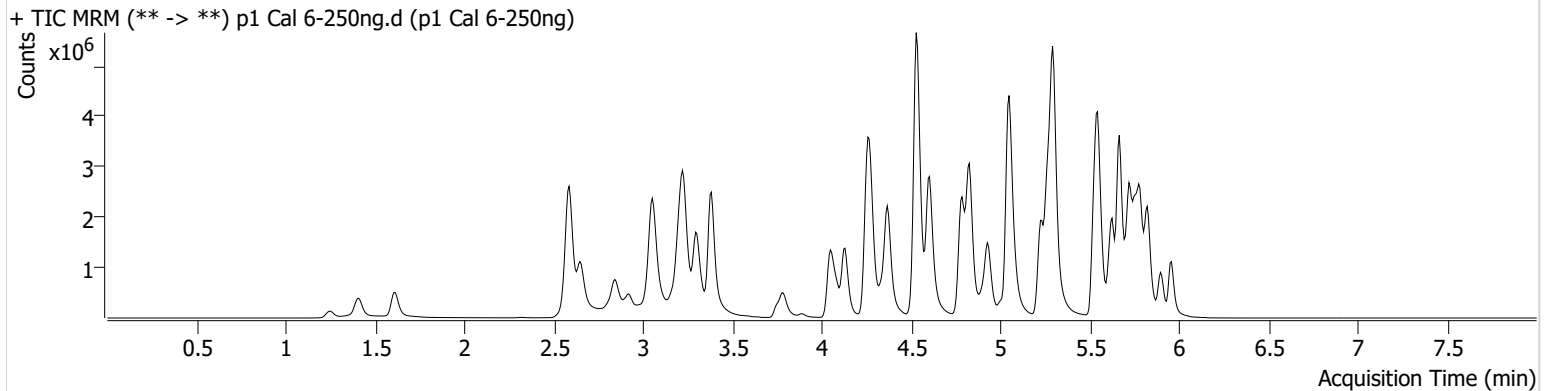


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument Falco (069901) **Data File** p1 Cal 6-250ng.d
Type Cal **Sample** p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-C12 **Comment**
Injection Volume 2
Acq. Date-Time 3/31/2022 11:13:33 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	52951	461784.40	71.7	215210.58	59679	25.0483 ng/ml
7-aminoclonazepam	4.258	800121	9615.80	78.8	11426.14	141685	237.2627 ng/ml
a-hydroxyalprazolam	5.699	316634	2008.15	67.8	2851.71	218855	212.3451 ng/ml
alpha-PHP	4.937	899409	51899.88	262.1	98964.70	575309	246.8494 ng/ml
alpha-PVP	4.370	3330325	6190.46	52.1	168765.19	575309	246.5182 ng/ml
Alprazolam	5.782	1545488	894.62	107.7	11244.34	218855	258.2473 ng/ml
Amphetamine	3.056	5234048	614.07	48.4	304.59	341828	234.8677 ng/ml
Benzoylcegonine	3.892	71051	5857.65	7.8	33747.44	10081	252.2432 ng/ml
Buprenorphine	5.670	58735	30045.06	15.3	20243.31	93869	25.3549 ng/ml
Bupropion	4.788	3624044	1572560.57	63.0	33622.91	522893	250.7649 ng/ml
Carisoprodol	5.730	1399669	58767.21	52.7	3831.94	242655	239.0589 ng/ml
Citalopram	5.232	2512494	2771.77	38.6	102956.16	440972	247.4846 ng/ml
Clonazepam	5.612	1527168	36180.97	34.7	439.04	89552	256.6316 ng/ml
Clonazepam	5.555	1023208	763677.64	37.4	656323.37	89552	256.0882 ng/ml
Cocaine	4.271	2057525	47981.14	54.7	47512.35	739201	246.7760 ng/ml
Codeine	2.587	249169	101.29	101.9	94.87	54990	244.1996 ng/ml
Cyclobenzaprine	5.635	2223046	91862.23	7.7	451.45	360634	248.8468 ng/ml
Dextromethorphan	5.275	1494545	85203.40	78.7	38094.27	290745	249.6606 ng/ml
Dextrophan	4.132	940175	583216.42	215.2	5290.08	435502	247.9874 ng/ml
Diazepam	5.960	1145500	17351.26	91.7	23217.79	226884	252.0969 ng/ml
Dihydrocodeine	2.559	691870	10374.57	62.0	382.03	187073	255.2911 ng/ml
Diphenhydramine	5.296	7491922	180031.30	31.0	∞	1617469	256.3215 ng/ml
Doxylamine	4.529	7509209	12254.15	99.0	4846.05	1254861	261.7149 ng/ml
EDDP	5.268	2596896	560.67	41.6	47530.60	582046	249.5547 ng/ml
Etizolam	5.820	618071	2560.61	26.7	88337.21	89552	250.0293 ng/ml
Fentanyl	5.089	226040	16061.77	75.2	386081.05	507163	24.4459 ng/ml
Flualprazolam	5.712	595299	21122.37	104.1	45282.97	218855	252.5718 ng/ml
Fluoxetine	5.721	1733630	150091.93	8.6	2842.35	253518	251.1666 ng/ml
Hydrocodone	3.025	1047002	486.70	34.7	148.34	257646	248.6576 ng/ml
Hydromorphone	1.615	954683	201865.77	74.2	5119193.79	127562	250.0372 ng/ml
Ketamine	4.051	2223594	136352.25	38.0	1965.25	426895	253.9772 ng/ml
Lamotrigine	4.280	168917	2228.59	85.3	685.37	426895	221.6014 ng/ml
Levetiracetam	2.649	1051658	16505.86	141.1	562.84	1122847	256.9273 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	810511	36573.46	49.2	1701.18	89552	169.9608 ng/ml
MDA	3.203	3060571	9845.72	27.7	2093.80	437088	247.6402 ng/ml
MDMA	3.303	2226581	100037.36	91.0	8448.84	104960	251.1471 ng/ml
Meprobamate	4.911	932940	33887.44	24.4	1712.46	243038	231.1568 ng/ml
Methadone	5.666	4477746	3199.09	50.2	54571.79	735633	243.7245 ng/ml
Methamphetamine	3.231	4764490	2056.10	38.6	671.03	824217	257.3610 ng/ml
Metoprolol	4.340	559352	681012.16	96.7	7458.98	1140352	244.5886 ng/ml
Mirtazapine	4.604	4854668	95374.85	45.3	1805.04	575309	249.2610 ng/ml
Mitragynine	5.216	905355	176140.48	35.6	594.18	735633	247.9124 ng/ml
Morphine	1.253	146127	451.86	20.0	826.00	10720	252.3132 ng/ml
Norbuprenorphine	5.006	9401	2294.26	94.4	3501.22	17304	24.4032 ng/ml
Nordiazepam	5.900	1075346	1142.44	59.0	1052.54	147106	255.4726 ng/ml
Norfentanyl	4.093	535857	359.86	36.2	2832.22	924089	24.9783 ng/ml
Norhydrocodone	3.073	159808	224.55	40.6	124.90	48835	261.3191 ng/ml
Noroxycodone	2.916	949211	3559.19	49.3	583.43	132874	249.2033 ng/ml
O-desmethyl-tramadol	3.383	5161159	31746.84	5.6	11201.34	1188249	251.2586 ng/ml
Oxazepam	5.756	1318149	33386.60	72.7	14332.00	218675	252.7043 ng/ml
Oxycodone	2.841	2068521	5332.72	28.8	7794.37	347168	254.3143 ng/ml
Oxymorphone	1.405	882958	∞	45.7	1009.86	120044	243.4201 ng/ml
Phentermine	3.790	1278431	5459.42	5.3	817.37	671192	241.0564 ng/ml
Promethazine	5.545	4665836	2705.15	29.4	783.67	787936	251.9881 ng/ml
Pseudoephedrine	2.589	5756444	80203.34	16.4	969.75	1122847	245.6895 ng/ml
Quetiapine	5.521	3014464	1905.95	59.7	172590.77	187749	256.9837 ng/ml
Sertraline	5.789	598325	22730.70	92.4	4830.35	106793	241.6703 ng/ml
Temazepam	5.823	2678344	60353.65	26.8	821.50	539920	254.3616 ng/ml
Tramadol	4.252	5207649	1347.60	3.2	5618.06	1140352	244.5834 ng/ml
Trazodone	5.040	2822860	168143.81	78.9	1802.12	565348	240.3493 ng/ml
Venlafaxine	5.050	4561281	23354.58	33.5	26847.31	981589	252.8824 ng/ml
Zolpidem	4.826	5243653	3406.64	28.7	17224.79	902011	254.6555 ng/ml

TS

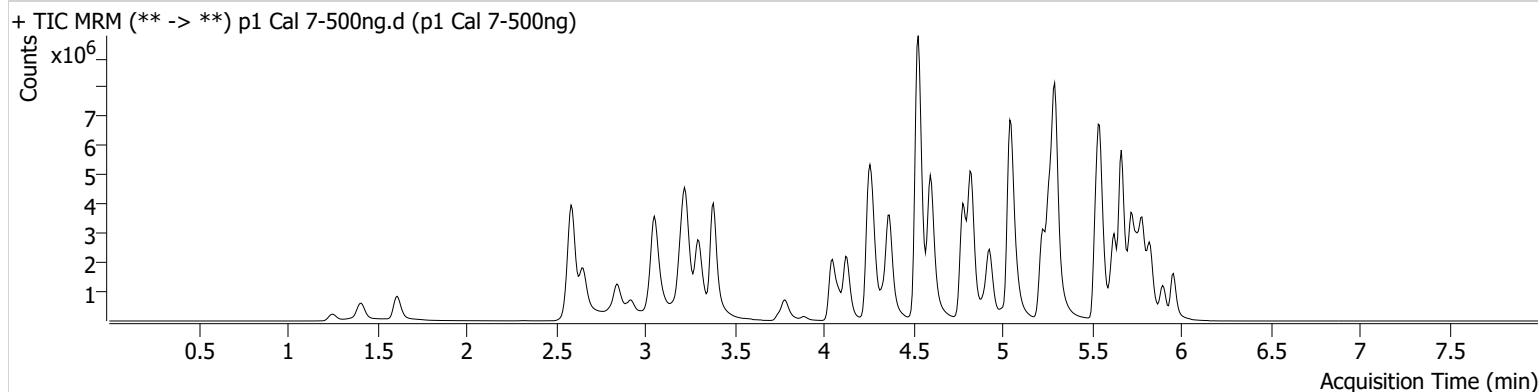


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 11:24:10 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	96147	148120.56	71.7	340.69	53460	50.7837 ng/ml
7-aminoclonazepam	4.258	1065361	19902.47	79.7	16220.76	109483	409.5191 ng/ml
a-hydroxyalprazolam	5.699	386829	983.32	66.1	441.48	166925	340.8020 ng/ml
alpha-PHP	4.930	1569243	36316.22	264.4	1846.49	491966	503.6071 ng/ml
alpha-PVP	4.370	5954535	1322.46	51.3	8138.67	491966	515.1626 ng/ml
Alprazolam	5.782	2335274	1114.93	108.5	2053.95	166925	511.7622 ng/ml
Amphetamine	3.056	8117465	310.77	48.1	353.84	301296	413.8446 ng/ml
Benzoylecgonine	3.892	137885	347.33	8.2	117908.08	10136	486.7149 ng/ml
Buprenorphine	5.670	92370	2358.15	15.1	31638.21	76403	49.0783 ng/ml
Bupropion	4.781	6427233	1145434.73	62.4	28365.70	464754	500.5161 ng/ml
Carisoprodol	5.730	1881556	123529.88	53.6	5919.50	154482	503.3640 ng/ml
Citalopram	5.226	4304194	13647.02	37.7	71427.61	360706	518.0173 ng/ml
Clonazepam	5.612	2038781	60473.24	34.4	23101.42	65868	466.6951 ng/ml
Clonazepam	5.562	1375002	109664.25	37.2	105183.49	65868	468.4025 ng/ml
Cocaine	4.271	3441691	2163.37	54.2	69135.84	610031	500.1295 ng/ml
Codeine	2.587	377915	188.56	100.4	152.40	48049	424.4960 ng/ml
Cyclobenzaprine	5.635	3967923	88936.31	7.2	9630.17	300444	533.1145 ng/ml
Dextromethorphan	5.268	2426602	51076.22	77.2	816.95	231410	509.3262 ng/ml
Dextroprhan	4.132	1638777	49661.65	216.9	51440.92	373993	503.1479 ng/ml
Diazepam	5.960	1819806	21235.87	91.7	2802.87	185484	490.0539 ng/ml
Dihydrocodeine	2.565	1154224	583.43	62.2	4641.66	172707	462.0062 ng/ml
Diphenhydramine	5.296	12765621	172588.61	30.5	∞	1337918	527.6747 ng/ml
Doxylamine	4.529	13824510	16310.93	97.4	185574.02	1139571	530.4385 ng/ml
EDDP	5.261	4578590	114484.33	40.8	56866.16	493069	519.2968 ng/ml
Etizolam	5.820	1028250	1905.46	26.0	1039121.93	65868	565.0552 ng/ml
Fentanyl	5.082	438169	213872.82	74.2	6555.09	455825	52.6390 ng/ml
Flualprazolam	5.705	881783	22531.98	108.3	105615.87	166925	491.1010 ng/ml
Fluoxetine	5.721	2834932	216422.94	8.5	31801.61	200662	518.5623 ng/ml
Hydrocodone	3.025	1785977	296.07	35.3	1272.97	228781	478.2575 ng/ml
Hydromorphone	1.615	1703192	6547304.49	74.1	4809453.78	111548	509.9298 ng/ml
Ketamine	4.051	3906628	113182.41	37.7	2237.24	384925	495.4590 ng/ml
Lamotrigine	4.280	255126	2191.30	85.7	14756.32	384925	371.9277 ng/ml
Levetiracetam	2.656	1722088	20635.88	144.5	3336.13	913160	517.2893 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	850068	33550.05	51.3	2950.85	65868	243.4840 ng/ml
MDA	3.203	4520978	1363.89	27.3	3461.13	340103	471.0364 ng/ml
MDMA	3.303	3835577	146097.43	91.1	17138.64	89035	510.3079 ng/ml
Meprobamate	4.904	1362633	25674.80	24.5	214.93	201235	408.6341 ng/ml
Methadone	5.666	7889596	2989.92	49.3	134562.63	618968	508.9772 ng/ml
Methamphetamine	3.231	8358051	42685.31	37.7	709.70	762054	489.3391 ng/ml
Metoprolol	4.333	914361	21350.50	98.6	63580.57	927298	492.4753 ng/ml
Mirtazapine	4.597	8696418	80907.46	45.0	11734.45	491966	521.6770 ng/ml
Mitragynine	5.210	1583111	3472.20	35.9	2867.22	618968	515.2052 ng/ml
Morphine	1.253	262099	367.53	20.0	2381.85	9906	489.5926 ng/ml
Norbuprenorphine	4.999	17572	16414.47	95.1	13088.53	16280	48.6010 ng/ml
Nordiazepam	5.900	1578015	1375.99	58.6	4429.56	110906	497.4903 ng/ml
Norfentanyl	4.093	978408	235.02	36.1	17674.84	806487	52.2074 ng/ml
Norhydrocodone	3.073	283713	169.98	41.4	124.41	41692	542.3297 ng/ml
Noroxycodone	2.923	1490418	3741.73	47.2	1848.10	104959	495.8550 ng/ml
O-desmethyl-tramadol	3.383	9375348	∞	5.5	63829.77	1038159	522.2078 ng/ml
Oxazepam	5.756	1408727	19765.96	72.3	14638.29	120202	491.7796 ng/ml
Oxycodone	2.841	3651398	722.08	29.6	16097.06	313586	497.1783 ng/ml
Oxymorphone	1.411	1517853	483.30	48.0	264.66	100336	500.8423 ng/ml
Phentermine	3.790	2073174	∞	5.3	1724.36	616283	426.3380 ng/ml
Promethazine	5.545	8587444	1776.12	28.9	3181.41	687806	531.0319 ng/ml
Pseudoephedrine	2.589	10058510	210138.88	16.2	73777.69	913160	527.4349 ng/ml
Quetiapine	5.521	5131246	228868.33	60.0	1124.85	168131	488.9807 ng/ml
Sertraline	5.789	998641	742.35	93.5	24533.06	87154	493.5091 ng/ml
Temazepam	5.830	3489906	138844.33	26.9	11116.13	354856	504.6839 ng/ml
Tramadol	4.252	8848661	2678.77	3.2	1992.94	927298	511.7734 ng/ml
Trazodone	5.040	4676308	222672.81	79.1	196144.24	530427	425.0387 ng/ml
Venlafaxine	5.050	7988673	225325.93	32.8	1429.91	844226	514.7242 ng/ml
Zolpidem	4.826	9389723	3019.40	27.9	32273.86	798280	515.2735 ng/ml

TS

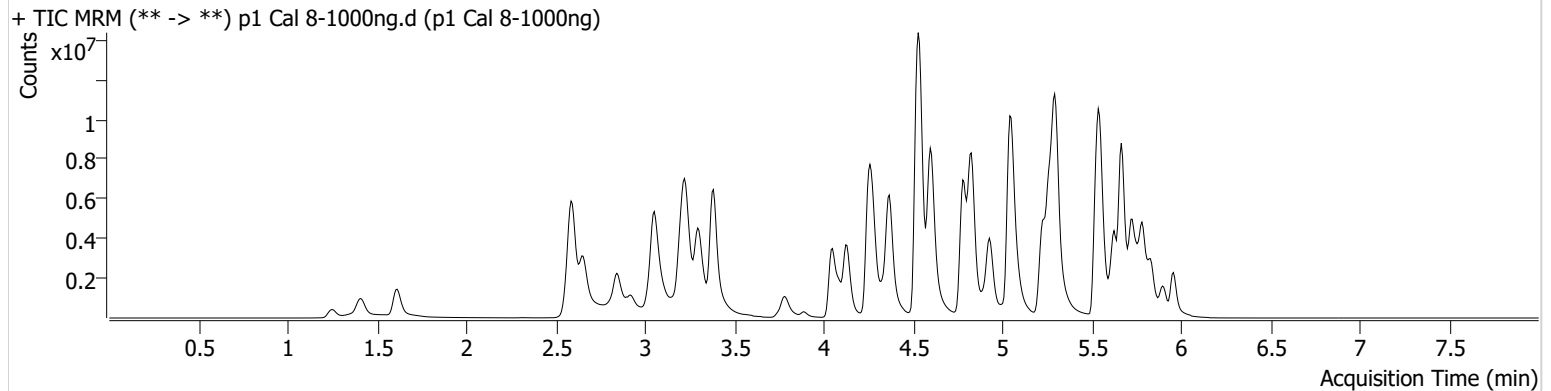


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\033122 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/4/2022 2:23:50 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-A12	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2022 11:34:45 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	185829	4107.25	72.5	761.07	51527	101.8454 ng/ml
7-aminoclonazepam	4.258	1209143	4791.75	71.2	88.96	79340	641.9014 ng/ml
a-hydroxyalprazolam	5.692	425448	512.09	68.5	954.84	124822	501.7854 ng/ml
alpha-PHP	4.930	2771963	4694.61	268.8	3343.04	434438	1007.3414 ng/ml
alpha-PVP	4.370	10883830	∞	51.0	517903.37	434438	1066.0430 ng/ml
Alprazolam	5.782	3453329	∞	107.9	637.28	124822	1012.1873 ng/ml
Amphetamine	3.056	12765407	126.75	48.1	156.42	281843	696.2522 ng/ml
Benzoylcegonine	3.886	295065	25167.79	8.1	334478.72	10381	1016.7532 ng/ml
Buprenorphine	5.677	133288	60943.37	15.6	461.57	55840	96.9903 ng/ml
Bupropion	4.781	11637068	261703.62	62.1	56692.31	432036	975.0017 ng/ml
Carisoprodol	5.737	2214919	1004846.88	54.0	16034.88	89747	1018.6374 ng/ml
Citalopram	5.232	6772899	53562.21	37.8	52003.11	280784	1046.8714 ng/ml
Clonazepam	5.612	2469775	155730.12	34.7	53598.92	45953	811.1790 ng/ml
Clonazepam	5.562	1699090	90322.26	38.1	346369.50	45953	830.1389 ng/ml
Cocaine	4.271	5812361	565.46	53.4	654.92	503468	1023.3259 ng/ml
Codeine	2.587	634596	137.17	98.8	13883.21	43479	788.4476 ng/ml
Cyclobenzaprine	5.635	6681160	263004.94	7.1	32815.81	242619	1111.5655 ng/ml
Dextromethorphan	5.275	3551688	101572.37	77.8	32590.77	171492	1005.9659 ng/ml
Dextrophan	4.132	2990653	87329.04	218.2	51127.67	326846	1050.4534 ng/ml
Diazepam	5.960	2839106	25623.46	90.9	28325.41	146713	966.7508 ng/ml
Dihydrocodeine	2.559	2077227	1553.52	62.2	8635.51	178132	806.7740 ng/ml
Diphenhydramine	5.303	19456832	131755.92	32.9	3441.30	1065175	1009.9075 ng/ml
Doxylamine	4.529	23243539	410304.26	98.1	6652.64	1120720	906.7560 ng/ml
EDDP	5.268	8523400	2602.76	39.9	98883.37	443484	1074.7053 ng/ml
Etizolam	5.820	1634501	28575.54	26.0	18408.05	45953	1286.9972 ng/ml
Fentanyl	5.089	879514	8963.93	74.8	515.65	404388	119.0058 ng/ml
Flualprazolam	5.705	1187468	64048.49	108.8	3081.36	124822	884.9280 ng/ml
Fluoxetine	5.721	4494970	155596.45	8.6	3625.34	152226	1083.4738 ng/ml
Hydrocodone	3.025	3286765	187.90	36.2	243.24	218914	920.3993 ng/ml
Hydromorphone	1.615	3194451	11858284.32	74.6	6788593.96	106644	1000.2188 ng/ml
Ketamine	4.051	7223562	187936.44	37.3	29980.71	370740	951.7559 ng/ml
Lamotrigine	4.287	358469	1354.74	84.6	32873.90	370740	543.0760 ng/ml
Levetiracetam	2.656	2943511	5248.62	146.6	67872.35	766616	1053.1659 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	891943	26315.50	50.8	7955.13	45953	367.5379 ng/ml
MDA	3.196	6172873	2834.60	26.4	1468.15	256848	852.4398 ng/ml
MDMA	3.296	6845231	2281.56	90.8	2358.55	78911	1027.8719 ng/ml
Meprobamate	4.904	1883880	∞	24.6	21754.72	175525	648.3703 ng/ml
Methadone	5.666	13228289	251242.70	50.2	78238.49	523306	1008.1363 ng/ml
Methamphetamine	3.231	14855541	148434.54	37.1	51831.10	797109	832.3076 ng/ml
Metoprolol	4.333	1449492	60914.75	97.6	61030.93	855306	846.9705 ng/ml
Mirtazapine	4.597	15803371	93995.79	44.9	236104.13	434438	1073.0742 ng/ml
Mitragynine	5.210	2792024	7531.16	36.0	3594.84	523306	1074.7275 ng/ml
Morphine	1.253	489296	793.92	20.5	∞	9598	943.2293 ng/ml
Norbuprenorphine	4.999	33225	172.62	95.3	3459.21	15858	94.4473 ng/ml
Nordiazepam	5.906	2054072	10178.52	58.7	21443.81	77943	921.6504 ng/ml
Norfentanyl	4.093	1864109	133.71	36.5	29927.60	721111	111.1926 ng/ml
Norhydrocodone	3.073	541774	687.99	41.0	171.57	37714	1143.7464 ng/ml
Noroxycodone	2.923	2308896	6868.95	48.8	5090.57	82781	974.4463 ng/ml
O-desmethyl-tramadol	3.383	17199555	303985.85	5.5	15497.37	957038	1039.0424 ng/ml
Oxazepam	5.756	1322368	15817.61	73.8	23771.68	59580	931.7756 ng/ml
Oxycodone	2.841	7046496	1195.60	29.4	1339.06	312541	962.8469 ng/ml
Oxymorphone	1.405	2971604	∞	41.9	502.72	92481	1064.0334 ng/ml
Phentermine	3.783	3514852	2496.54	5.2	1647.58	604517	737.4487 ng/ml
Promethazine	5.545	14869974	4484.42	29.2	126966.40	592392	1067.3932 ng/ml
Pseudoephedrine	2.596	17145256	105016.78	16.1	83174.57	766616	1070.4941 ng/ml
Quetiapine	5.521	8625699	1291.59	61.1	130198.19	165125	837.3410 ng/ml
Sertraline	5.789	1621666	51575.45	90.4	58237.21	68383	1020.6087 ng/ml
Temazepam	5.830	4120695	92583.56	26.6	3552.84	213946	988.7723 ng/ml
Tramadol	4.252	15060840	∞	3.1	321.87	855306	944.9253 ng/ml
Trazodone	5.034	7467646	93904.53	77.9	921.36	554641	649.5744 ng/ml
Venlafaxine	5.050	14018068	163875.83	32.6	97740.95	729715	1044.7062 ng/ml
Zolpidem	4.826	16763310	7432.89	28.1	42200.19	735131	998.9404 ng/ml