

Worklist: 5596

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-0181	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-0460	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0096	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0184	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0191	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0202	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0307	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0322	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0322	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0322	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0328	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0349	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0350	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 02/11/2022

Plate lot#: 211018

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

Blank Blood Lot: Lampire 22B52016-2

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

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 04/18/2022

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC031319

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. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- ☒ 3. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- ☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 5. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- ☒ 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- ☒ 7. Wait 5 minutes.
- ☒ 8. Add **900uL ethyl acetate**.
- ☒ 9. Wait 5 minutes.
- ☒ 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- ☒ 11. Add **900uL ethyl acetate**.
- ☒ 12. Wait 5 minutes.
- ☒ 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- ☒ 14. Remove plate containing eluate. **Urine samples add 50 ul 1% HCl in MeOH.** Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 15. 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 R^2 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.

Curve limits: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-250, Amphetamine 5-500, Buprenorphine 5-500, Clonazepam 5-250, Dihydrocodeine 5-500, Etizolam 5-500, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-250, Metoprolol 5-500, Norfentanyl 0.5-50, Norhydrocodone 5-500, and Phentermine 5-500.

Methamphetamine not being evaluated due to the presence of a peak in the negative blood. Samples with suspected methamphetamine were re-extracted on 2/15/22.

**Idaho State Police
Forensic Services**

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



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-0460-4	P2022-0322-3	IS + Cal. 1	IS + QC_1		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2022-0096-1	P2022-0328-2	IS + Cal. 2	IS + QC_2		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2022-0184-2	P2022-0349-1	IS + Cal. 3	IS + QC_3		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2022-0191-1	P2022-0350-1	IS + Cal. 4	IS + QC_4		IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2022-0202-2		IS + Cal. 5	IS + QC_2		IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Blood NEG	P2022-0307-1		IS + Cal. 6			IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	Urine NEG	P2022-0322-1		IS + Cal. 7			IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2022-0181-1	P2022-0322-2		IS + Cal. 8			IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

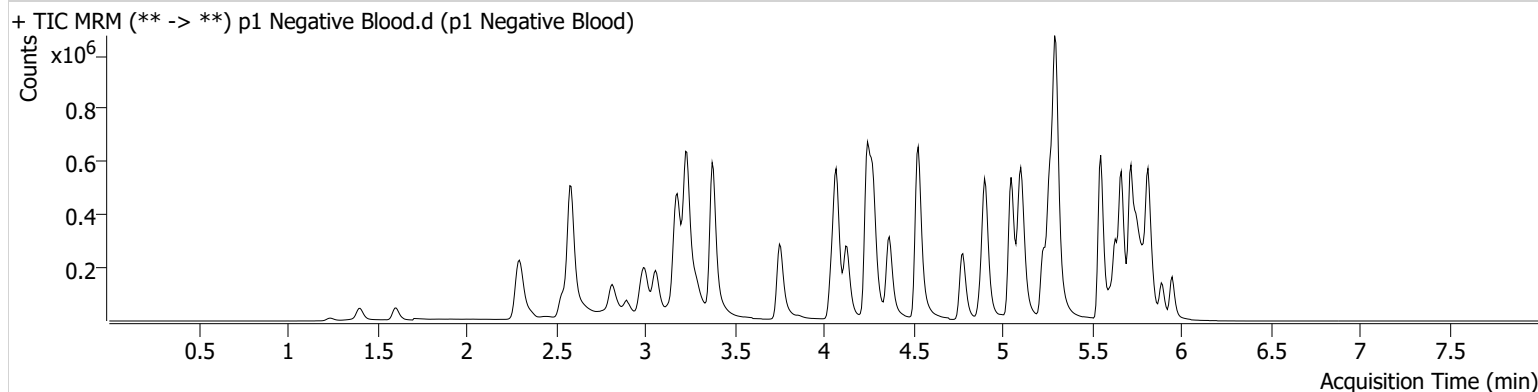
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	2/12/2022 1:09:57 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amphetamine	3.063	272624	3834.21	49.5	1333.04	445957	8.2578 ng/ml<32
Methamphetamine	3.238	1291770	990.09	38.9	1554.03	1000794	54.4616 ng/ml*

*Methamphetamine is not being evaluated for this run. Samples with apparent methamphetamine were re-extracted on 2/15/22.

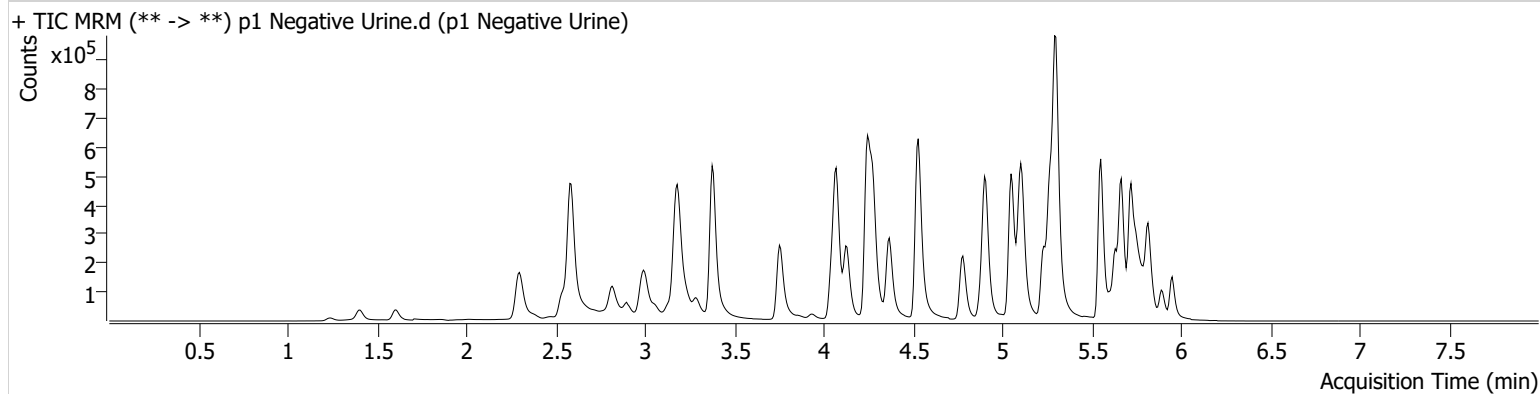
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G2	Comment	
Injection Volume	2		
Acq. Date-Time	2/12/2022 1:20:33 AM		
Sample Info.			

Sample Chromatogram



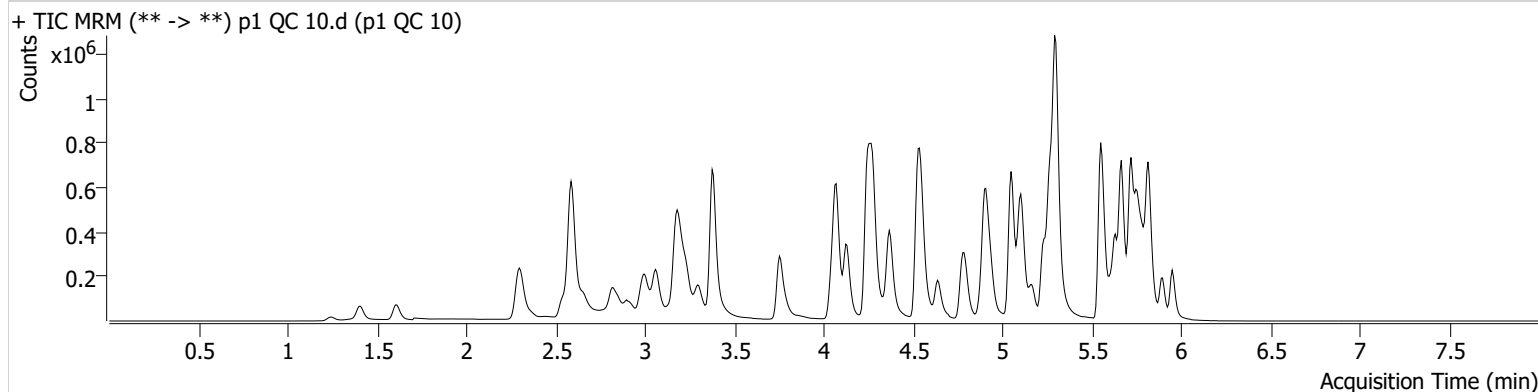
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 11:34:28 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	2603	278.72	75.6	1824.04	72538	0.9945 ng/ml
7-aminoclonazepam	4.265	52427	1132.10	79.0	1169.76	196637	10.3010 ng/ml
a-hydroxyalprazolam	5.699	29803	170.30	65.0	107.82	330262	11.2633 ng/ml
alpha-PHP	4.944	47671	328.34	261.4	15019.01	771817	10.0222 ng/ml
alpha-PVP	4.376	170597	8550.68	53.0	322.05	771817	9.6298 ng/ml
Alprazolam	5.775	89884	816.76	110.8	1281.18	330262	9.7174 ng/ml
Amphetamine	3.063	336748	738.71	49.2	339.73	439377	10.8427 ng/ml
Benzoyllecgonine	3.892	3721	31.61	9.7	31.10	13026	9.4726 ng/ml
Buprenorphine	5.860	4371	187.68	15.5	1161.87	165003	0.9239 ng/ml
Bupropion	4.801	185794	10571.86	63.5	481.54	666035	10.1328 ng/ml
Carisoprodol	5.730	101901	896.55	54.8	107.92	467089	10.4215 ng/ml
Citalopram	5.232	135075	262.22	39.2	3976.24	622486	9.7081 ng/ml
Clonazepam	5.612	101384	1208.24	36.0	2483.31	132327	10.4662 ng/ml
Clonazepam	5.555	59683	1769.98	37.9	2868.93	132327	10.4263 ng/ml
Cocaine	4.277	114019	7735.02	54.5	117.54	1026460	9.8580 ng/ml
Codeine	2.593	15870	33.26	103.8	78.16	77831	10.7080 ng/ml
Cyclobenzaprine	5.635	136695	3700.64	7.7	271.26	545620	9.8279 ng/ml
Dextromethorphan	5.282	88963	155.22	79.3	4709.60	432959	9.9136 ng/ml
Dextrophan	4.132	51082	2156.01	210.6	750.69	587769	9.8877 ng/ml
Diazepam	5.960	68662	3772.53	89.9	1480.52	319968	10.4291 ng/ml
Dihydrocodeine	2.572	38124	129.07	60.6	183.33	243412	9.4608 ng/ml
Diphenhydramine	5.303	387048	3260.05	32.2	5804.76	2184746	9.7097 ng/ml
Doxylamine	4.550	398221	4762.32	100.0	1299.87	1769572	10.1157 ng/ml
EDDP	5.268	156132	6317.00	41.4	961.95	868230	10.0177 ng/ml
Etizolam	5.820	36975	1094.91	26.2	15011.66	132327	9.7923 ng/ml
Fentanyl	5.109	12200	184.91	79.8	1518.28	749243	0.9520 ng/ml
Flualprazolam	5.705	37962	1508.81	98.1	2145.12	330262	10.2340 ng/ml
Fluoxetine	5.721	161085	9495.90	8.9	177.44	598866	9.9874 ng/ml
Hydrocodone	3.032	58986	∞	34.0	71.78	329361	10.1537 ng/ml
Hydromorphone	1.615	49272	1999.20	72.0	623.77	163354	10.0219 ng/ml
Ketamine	4.065	116948	14251.44	38.5	99.99	542582	10.1653 ng/ml
Lamotrigine	4.287	11023	758.97	86.4	192.97	542582	9.9846 ng/ml
Levetiracetam	2.656	54121	1371.69	141.2	690.41	1578344	10.8295 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	96544	1179.47	51.0	396.98	132327	10.7395 ng/ml
MDA	3.209	203358	828.77	29.5	39.16	659882	10.5436 ng/ml
MDMA	3.303	114604	662.21	94.0	698.22	138821	9.9271 ng/ml
Meprobamate	4.911	76365	340.71	24.6	426.85	319626	8.9965 ng/ml
Methadone	5.666	234600	670.16	51.8	4775.82	1027252	10.1968 ng/ml
Methamphetamine	3.238	265336	868.27	38.9	344.55	996479	10.4832 ng/ml NE
Metoprolol	4.340	32308	1902.29	94.8	222.97	1467124	10.1355 ng/ml
Mirtazapine	4.637	286307	1716.74	46.3	1842.94	771817	10.1206 ng/ml
Mitragynine	5.244	48632	139.23	37.4	565.41	1027252	11.0003 ng/ml
Morphine	1.253	7674	2137.66	21.0	481.84	14288	9.2690 ng/ml
Norbuprenorphine	5.006	514	2077.17	115.5	322.32	21836	0.9476 ng/ml
Nordiazepam	5.900	74226	473.10	57.8	541.21	246693	10.3372 ng/ml
Norfentanyl	4.093	26609	1866.32	37.2	72.05	1252151	0.9408 ng/ml
Norhydrocodone	3.080	9367	118.28	38.6	42.78	86535	9.4814 ng/ml
Noroxycodone	2.923	60380	62.52	47.4	485.18	192806	9.9246 ng/ml
O-desmethyl-tramadol	3.383	253112	872.48	5.8	512.82	1539175	9.6688 ng/ml
Oxazepam	5.756	122118	511.19	73.9	353.72	476533	10.2626 ng/ml
Oxycodone	2.848	112512	633.34	29.0	499.16	456054	10.2850 ng/ml
Oxymorphone	1.411	48117	117.39	44.6	219.51	155411	9.9410 ng/ml
Phentermine	3.790	71117	338.60	5.5	96.47	831266	10.0787 ng/ml
Promethazine	5.552	256587	498.32	30.6	1061.87	1127099	9.9912 ng/ml
Pseudoephedrine	2.596	314062	6165.58	17.2	2360.50	1578344	9.8532 ng/ml
Quetiapine	5.569	186993	5290.51	61.0	603.93	275376	10.1810 ng/ml
Sertraline	5.789	65474	960.56	93.9	862.72	291048	10.2537 ng/ml
Temazepam	5.823	197254	712.11	27.5	72.54	984645	10.0328 ng/ml
Tramadol	4.259	287270	626.84	3.4	68.80	1467124	10.0253 ng/ml
Trazodone	5.163	177948	10154.36	79.2	3252.51	721684	10.2632 ng/ml
Venlafaxine	5.050	237333	4968.92	34.3	454.99	1357155	9.8093 ng/ml
Zolpidem	4.928	267158	1739.14	30.7	877.79	1211782	10.0218 ng/ml

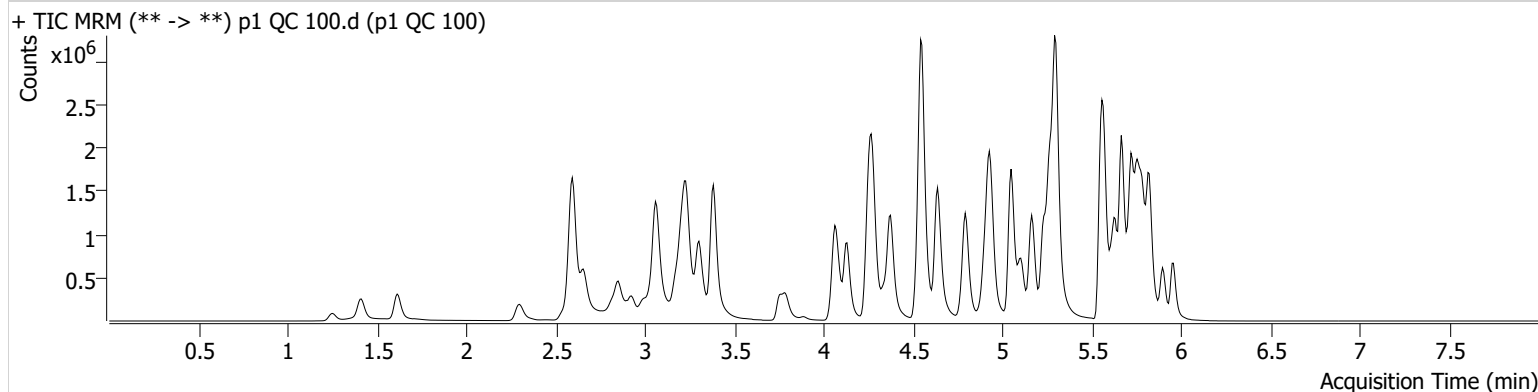
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-B2 **Comment**
Injection Volume 2
Acq. Date-Time 2/12/2022 7:00:10 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	26501	1284.78	70.4	925.87	72670	10.0014 ng/ml
7-aminoclonazepam	4.265	296302	1131.85	80.6	623.60	111810	110.7940 ng/ml
a-hydroxyalprazolam	5.699	230745	907.79	65.8	744.12	306972	101.5279 ng/ml
alpha-PHP	4.944	424807	5833.89	257.6	49269.82	726981	101.9291 ng/ml
alpha-PVP	4.376	1600112	7921.83	52.3	858.16	726981	94.5422 ng/ml
Alprazolam	5.775	827597	1898.58	106.4	∞	306972	96.6331 ng/ml
Amphetamine	3.063	2842998	1575.95	49.0	17456.09	427529	108.8985 ng/ml
Benzoylcegonine	3.886	37347	4172.80	7.7	24.07	12162	103.2721 ng/ml
Buprenorphine	5.860	43690	109939.44	15.2	15862.67	157880	9.5822 ng/ml
Bupropion	4.795	1788586	115044.34	62.8	4007.54	650309	101.4443 ng/ml
Carisoprodol	5.730	795327	42867.65	54.3	5614.03	361588	90.9820 ng/ml
Citalopram	5.232	1264887	67527.63	38.9	545.59	576311	96.6790 ng/ml
Clonazepam	5.612	852860	2591.61	35.1	13288.85	117097	109.0562 ng/ml
Clonazepam	5.555	483803	18929.98	37.8	13490.68	117097	102.0348 ng/ml
Cocaine	4.271	1063340	540.49	54.4	833.92	957427	99.0912 ng/ml
Codeine	2.593	144732	267.07	101.8	79.39	74671	109.4352 ng/ml
Cyclobenzaprine	5.635	1226124	4533674.50	7.4	16171.22	479004	97.9707 ng/ml
Dextromethorphan	5.275	801005	19456.67	78.9	1326.60	397367	97.8308 ng/ml
Dextrophan	4.132	494033	18370.04	212.0	1688.70	571101	98.3054 ng/ml
Diazepam	5.960	581223	1063.23	91.2	1665.65	284002	102.0299 ng/ml
Dihydrocodeine	2.572	376998	14846.50	60.9	214.95	241756	111.4625 ng/ml
Diphenhydramine	5.303	3675187	18874.01	32.0	45383.02	2037300	96.7384 ng/ml
Doxylamine	4.549	3954605	220745.14	99.2	8508.50	1753682	103.7244 ng/ml
EDDP	5.268	1363065	38491.14	42.1	64441.75	770209	96.8892 ng/ml
Etizolam	5.820	330652	4828.82	26.7	167838.10	117097	94.2630 ng/ml
Fentanyl	5.109	127873	462.44	74.3	11048.62	738613	10.1773 ng/ml
Flualprazolam	5.705	348609	4660.40	98.0	6578.27	306972	103.9571 ng/ml
Fluoxetine	5.727	1209135	61990.22	8.8	85289.32	449408	95.4274 ng/ml
Hydrocodone	3.032	530627	2572.26	35.0	1469.07	320923	100.4489 ng/ml
Hydromorphone	1.615	499577	2902.18	74.1	969040.37	164468	100.1623 ng/ml
Ketamine	4.065	1123433	1555.81	38.2	638.02	529973	104.7724 ng/ml
Lamotrigine	4.294	100018	365.03	84.7	140212.84	529973	101.1194 ng/ml
Levetiracetam	2.656	482430	492.43	142.2	544.32	1496220	102.6834 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	622381	35331.27	51.0	1648.61	117097	95.0293 ng/ml
MDA	3.209	1675940	1622.66	29.4	172.76	583112	107.4455 ng/ml
MDMA	3.303	1106100	598695.31	92.5	2028.87	130407	101.4562 ng/ml
Meprobamate	4.904	510280	3141.15	25.4	350.53	294060	99.9659 ng/ml
Methadone	5.666	2159269	81217.00	52.0	1273.05	929353	94.6975 ng/ml
Methamphetamine	3.238	2458544	840.58	38.7	783.96	1014904	103.0427 ng/ml
Metoprolol	4.340	304118	480186.98	96.4	7492.71	1462427	99.8518 ng/ml
Mirtazapine	4.637	2714899	177488.72	45.9	4260.83	726981	100.4517 ng/ml
Mitragynine	5.244	483762	6800.96	35.3	1816.74	929353	117.4125 ng/ml
Morphine	1.253	82985	1002.54	19.5	249.26	14401	103.1479 ng/ml
Norbuprenorphine	5.006	4996	15799.88	97.6	6423.49	22153	10.5754 ng/ml
Nordiazepam	5.900	614483	1816.37	59.1	1014.89	207727	105.3954 ng/ml
Norfentanyl	4.093	259576	353.77	36.1	242.67	1168354	9.3980 ng/ml
Norhydrocodone	3.080	80426	160.75	39.4	233.84	66707	97.9618 ng/ml
Noroxycodone	2.923	512629	8160.60	47.9	496.73	172470	101.6244 ng/ml
O-desmethyl-tramadol	3.383	2478753	1923.97	5.7	1132.25	1502316	95.5091 ng/ml
Oxazepam	5.756	916495	13906.86	73.7	11549.82	356672	106.9648 ng/ml
Oxycodone	2.848	1094411	13032.67	29.4	1510.59	452882	104.3569 ng/ml
Oxymorphone	1.411	480998	∞	47.8	∞	162990	98.5851 ng/ml
Phentermine	3.790	661251	283.51	5.5	131.48	812797	103.7490 ng/ml
Promethazine	5.552	2332639	1377.91	30.2	702.21	1007927	99.1975 ng/ml
Pseudoephedrine	2.596	3037228	47505.94	17.0	26577.77	1496220	97.5042 ng/ml
Quetiapine	5.569	1651915	64542.09	60.6	43580.56	252613	103.0890 ng/ml
Sertraline	5.796	501502	15988.20	92.9	1371.45	222020	94.7192 ng/ml
Temazepam	5.823	1624909	2070.27	26.7	1225.94	817081	97.3922 ng/ml
Tramadol	4.259	2708841	76251.02	3.2	4747.69	1462427	100.8607 ng/ml
Trazodone	5.163	1735468	824.23	79.5	204457.46	713923	105.3318 ng/ml
Venlafaxine	5.050	2317278	96892.39	34.7	2405.86	1312761	95.9343 ng/ml
Zolpidem	4.928	2588755	144167.20	29.5	11258.80	1166134	107.8019 ng/ml

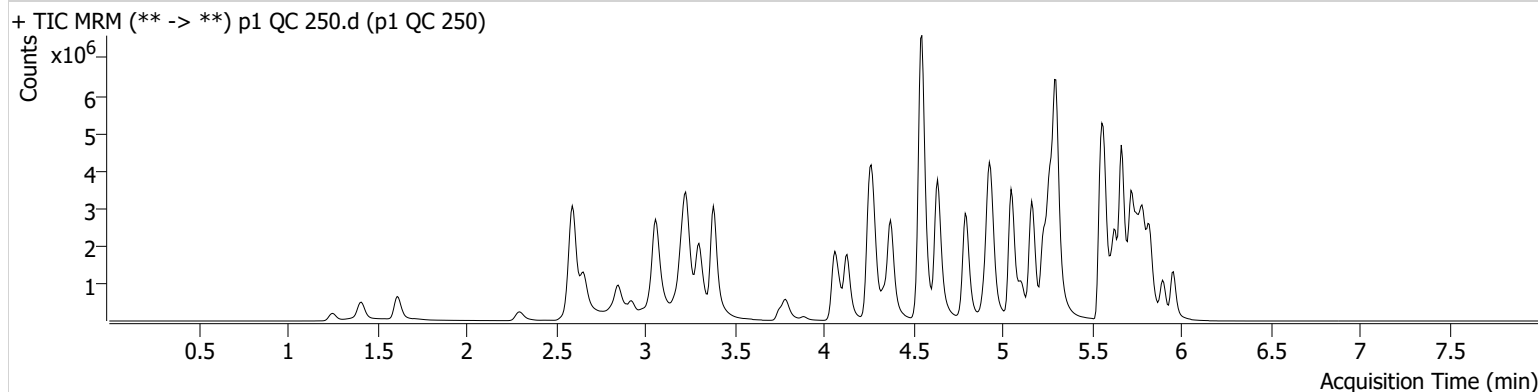
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 11:55:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	65358	611.10	71.9	115442.95	72120	24.8371 ng/ml
7-aminoclonazepam	4.265	753211	373.46	79.6	219.87	129764	243.7938 ng/ml
a-hydroxyalprazolam	5.699	399808	∞	66.2	379.43	249278	217.8222 ng/ml
alpha-PHP	4.944	1041178	833.03	260.3	145151.01	711831	256.4035 ng/ml
alpha-PVP	4.376	4095549	2439.29	52.0	77980.14	711831	246.8915 ng/ml
Alprazolam	5.775	1760143	1324.88	106.7	1825.00	249278	253.1544 ng/ml
Amphetamine	3.063	6003975	503.69	48.0	446.07	419739	236.4676 ng/ml
Benzoylcegonine	3.886	98659	7908.80	7.5	412.20	13000	255.4318 ng/ml
Buprenorphine	5.860	113314	3839.77	15.0	34158.04	156715	25.0253 ng/ml
Bupropion	4.795	4559706	201104.40	62.2	10926.44	661009	254.6913 ng/ml
Carisoprodol	5.730	1329570	7854.22	55.2	3895.87	230272	236.3120 ng/ml
Citalopram	5.232	3032650	88270.37	37.9	542.11	533944	249.9226 ng/ml
Clonazepam	5.612	1576211	23276.60	34.8	2399.78	91541	259.3539 ng/ml
Clonazepam	5.555	816281	229724.18	38.3	411625.30	91541	221.1425 ng/ml
Cocaine	4.277	2427880	61377.84	54.2	29542.71	877740	246.8787 ng/ml
Codeine	2.593	307371	119.48	99.4	11906.53	63827	273.2314 ng/ml
Cyclobenzaprine	5.635	3146694	2358.41	7.4	223.86	474753	253.2595 ng/ml
Dextromethorphan	5.275	1829628	28716.04	78.4	80289.71	355572	249.8295 ng/ml
Dextrophan	4.132	1192313	2398.33	215.9	133797.68	540762	250.5442 ng/ml
Diazepam	5.960	1369742	∞	89.8	2123.96	264158	258.9723 ng/ml
Dihydrocodeine	2.572	851862	457.15	63.6	8309.64	240488	255.6393 ng/ml
Diphenhydramine	5.303	9098513	150563.71	31.1	51189.64	1873059	260.0986 ng/ml
Doxylamine	4.549	10056815	410587.81	98.5	123196.71	1713406	270.3974 ng/ml
EDDP	5.268	3447992	117066.76	41.0	45526.66	753416	250.2479 ng/ml
Etizolam	5.820	746989	3240.83	25.5	2474.28	91541	271.4304 ng/ml
Fentanyl	5.109	352000	21822.04	73.9	805.49	784001	26.4025 ng/ml
Flualprazolam	5.705	718700	15549.98	94.4	13210.78	249278	264.4161 ng/ml
Fluoxetine	5.721	3094774	17096.40	8.5	780918.23	433743	252.2464 ng/ml
Hydrocodone	3.032	1256852	1320.53	35.2	397.72	305205	251.3924 ng/ml
Hydromorphone	1.615	1242722	3843151.26	73.3	4988388.84	158951	257.6729 ng/ml
Ketamine	4.065	2749623	57244.18	37.8	20749.08	530892	256.7727 ng/ml
Lamotrigine	4.294	219867	5785.24	86.0	28941.48	530892	223.1106 ng/ml
Levetiracetam	2.656	1124751	17574.10	143.0	38196.69	1349196	265.6471 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	807702	30229.56	50.5	645.48	91541	159.5186 ng/ml*
MDA	3.209	3402297	3669.86	28.3	152.29	509323	251.1732 ng/ml
MDMA	3.303	2659451	95599.98	93.5	2495.18	127116	250.1659 ng/ml
Meprobamate	4.904	949675	54827.10	24.8	6793.93	262834	214.1308 ng/ml
Methadone	5.666	5689397	422963.17	50.1	104771.75	925984	248.8028 ng/ml
Methamphetamine	3.231	6069792	4002.56	38.0	2143.64	1049121	247.4156 ng/ml NE
Metoprolol	4.340	696645	314752.01	97.4	23396.62	1341858	250.0170 ng/ml
Mirtazapine	4.637	6782944	11911.31	45.1	70736.96	711831	256.0661 ng/ml
Mitragynine	5.244	1108756	54733.24	35.8	119369.02	925984	269.6214 ng/ml
Morphine	1.253	211808	316.30	19.8	584.28	15178	250.3313 ng/ml
Norbuprenorphine	5.006	13089	3294.73	94.0	14921.57	23761	26.0837 ng/ml
Nordiazepam	5.900	1292485	57935.29	58.6	903.71	178338	258.8366 ng/ml
Norfentanyl	4.093	633856	496.78	36.8	7776.43	1055385	25.3266 ng/ml
Norhydrocodone	3.080	188580	164.49	40.8	186.87	57364	265.8044 ng/ml
Noroxycodone	2.923	1044210	1818.32	48.5	1637.05	141772	253.1223 ng/ml
O-desmethyl-tramadol	3.383	6293527	64617.34	5.6	13072.25	1456732	249.8158 ng/ml
Oxazepam	5.756	1316359	8634.19	71.9	14506.35	214373	256.2386 ng/ml
Oxycodone	2.848	2594761	47562.03	29.6	4809.98	437225	256.8800 ng/ml
Oxymorphone	1.411	1119526	∞	48.2	∞	151017	248.3288 ng/ml
Phentermine	3.790	1478232	3512.05	5.7	447.10	817343	231.7783 ng/ml
Promethazine	5.552	6171611	4430.34	29.3	1377.14	1030016	256.4135 ng/ml
Pseudoephedrine	2.596	7211443	151520.60	16.7	387.36	1349196	256.2021 ng/ml
Quetiapine	5.569	3765032	50972.16	60.8	947.16	231693	257.0425 ng/ml
Sertraline	5.796	1331332	6075.09	91.7	1130.54	225153	246.4764 ng/ml
Temazepam	5.823	2878487	47467.38	26.2	7593.06	577509	243.7273 ng/ml
Tramadol	4.259	6430578	62732.87	3.2	552.19	1341858	262.0794 ng/ml
Trazodone	5.163	4685108	1322.65	78.8	1871.60	782935	259.9760 ng/ml
Venlafaxine	5.050	5847249	84343.52	33.3	61778.44	1271518	249.3815 ng/ml
Zolpidem	4.928	6192819	397473.58	28.5	524817.02	1159630	260.3979 ng/ml

*Outside curve range.

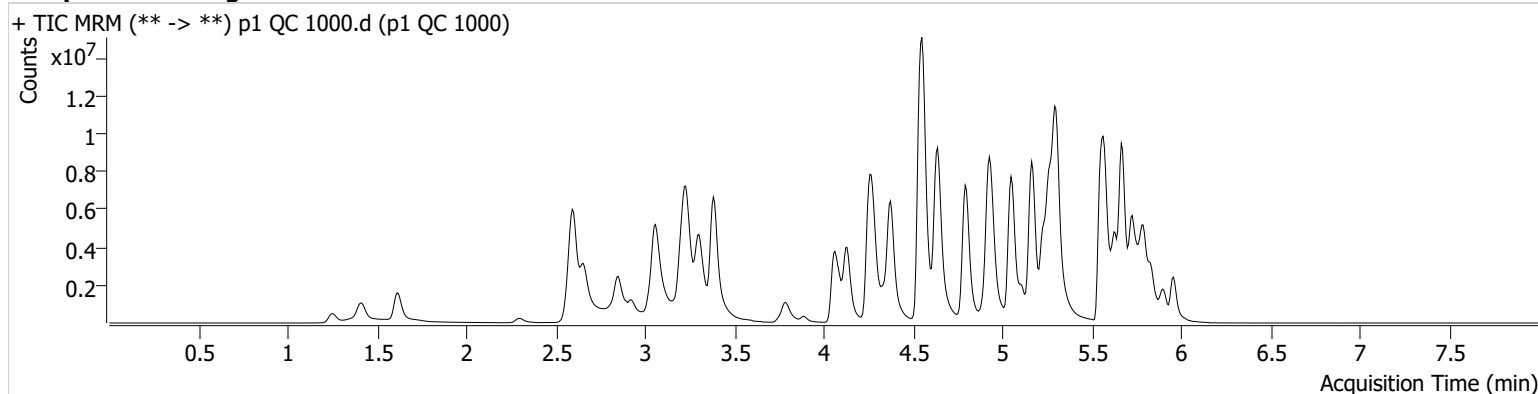
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D2	Comment	
Injection Volume	2		
Acq. Date-Time	2/12/2022 12:16:56 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	196299	1505.71	69.1	1648.07	51496	104.4357 ng/ml
7-aminoclonazepam	4.265	1047644	535.53	72.8	6442.38	66624	662.0656 ng/ml *
a-hydroxyalprazolam	5.692	508515	∞	65.5	164.87	132789	521.5470 ng/ml *
alpha-PHP	4.944	2377205	72336.45	263.8	88486.79	479499	871.0770 ng/ml
alpha-PVP	4.376	11449440	2223.77	51.8	3118.71	479499	1024.1543 ng/ml
Alprazolam	5.775	3591142	394.60	106.9	∞	132789	969.7165 ng/ml
Amphetamine	3.063	12716530	178.40	47.6	174.93	292152	723.5125 ng/ml *
Benzoylcegonine	3.886	332469	830.92	8.0	420.35	11038	1014.2320 ng/ml
Buprenorphine	5.860	376495	219001.32	14.6	40141.74	107513	121.1725 ng/ml *
Bupropion	4.795	12957901	545191.59	61.4	496604.86	483757	989.4921 ng/ml
Carisoprodol	5.737	1819307	1543.96	55.5	3155.89	73815	1003.6715 ng/ml
Citalopram	5.226	6489020	182260.16	37.9	47380.35	279554	1020.8784 ng/ml
Clonazepam	5.612	2415930	28149.55	34.8	31571.81	42754	853.7098 ng/ml
Clonazepam	5.548	989469	86544.99	38.2	1472.98	42754	575.2275 ng/ml *
Cocaine	4.277	5979578	373116.90	53.6	89994.40	521736	1023.1040 ng/ml
Codeine	2.593	643858	15800.58	105.1	8297.91	45247	809.1294 ng/ml
Cyclobenzaprine	5.635	7340840	109884.24	7.1	277767.47	262992	1065.7039 ng/ml
Dextromethorphan	5.275	3659394	55338.73	77.1	76422.53	175373	1013.3058 ng/ml
Dextrophan	4.132	3231019	51326.29	219.4	∞	350551	1047.3029 ng/ml
Diazepam	5.960	2944519	198.29	91.1	21197.47	153292	960.1570 ng/ml
Dihydrocodeine	2.565	2287842	30719.07	62.9	188.89	199260	832.9473 ng/ml *
Diphenhydramine	5.303	19735692	3816719.64	33.7	39397.51	1051121	1004.6878 ng/ml
Doxylamine	4.550	25259773	62368.90	98.3	51616.89	1345409	865.4984 ng/ml
EDDP	5.268	9217508	136764.38	40.3	77505.34	479039	1051.5450 ng/ml
Etizolam	5.820	1700954	3908.30	25.3	9164.29	42754	1321.3599 ng/ml *
Fentanyl	5.109	1183956	3718.56	74.5	4399.77	642531	108.3755 ng/ml
Flualprazolam	5.705	1320818	6438.21	91.7	29664.89	132789	913.0172 ng/ml
Fluoxetine	5.727	6174212	24891.99	8.3	2984.50	199959	1089.9599 ng/ml
Hydrocodone	3.025	3496224	427.50	34.3	245.61	227851	938.9381 ng/ml
Hydromorphone	1.615	3551180	20380889.49	76.1	16748887.2	114194	1024.6643 ng/ml
Ketamine	4.065	7604183	409915.87	36.7	15966.64	387953	973.2639 ng/ml
Lamotrigine	4.294	427515	29556.16	85.6	68205.81	387953	595.3380 ng/ml *

p1 QC 1000

Generated at 1:27 PM on 2/16/2022

*Outside curve range.



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	2675610	63640.34	146.1	121615.34	813761	1048.0288 ng/ml
Lorazepam	5.753	842514	25921.71	51.1	5360.79	42754	359.5638 ng/ml *
MDA	3.203	6167661	61183.75	27.7	260.13	289863	802.4510 ng/ml
MDMA	3.303	6949840	438080.27	92.7	86344.15	82174	1011.1208 ng/ml
Meprobamate	4.904	1636094	83.90	24.9	862.12	181674	541.9541 ng/ml *
Methadone	5.666	13945454	179446.80	51.7	93810.25	559932	1005.5232 ng/ml
Methamphetamine	3.231	15852707	125885.02	36.6	111247.86	854450	795.4963 ng/ml NE
Metoprolol	4.340	1542616	74195.75	98.6	108345.70	934934	795.6551 ng/ml *
Mirtazapine	4.637	18339176	364883.65	46.0	274585.40	479499	1027.3079 ng/ml
Mitragynine	5.243	2634219	5449.85	36.6	229547.28	559932	1058.3108 ng/ml
Morphine	1.253	606725	∞	20.4	646.65	10751	1013.4889 ng/ml
Norbuprenorphine	5.006	39111	31880.49	96.4	33232.01	18659	99.7341 ng/ml
Nordiazepam	5.906	2224152	16858.95	58.6	8173.71	85337	931.9333 ng/ml
Norfentanyl	4.093	1813067	238911.46	36.4	23929.70	604047	126.3873 ng/ml *
Norhydrocodone	3.080	572031	∞	40.9	∞	37687	1224.5323 ng/ml *
Noroxycodone	2.923	2317679	6634.40	48.4	1441.94	82177	971.7288 ng/ml
O-desmethyl-tramadol	3.383	17389490	∞	5.7	19412.02	1002999	1002.0166 ng/ml
Oxazepam	5.756	1272976	24430.25	71.6	8743.25	55587	956.8621 ng/ml
Oxycodone	2.848	7808235	1325.92	29.3	∞	343357	985.5032 ng/ml
Oxymorphone	1.411	3284998	1088.71	45.9	1704.67	105383	1045.6333 ng/ml
Phentermine	3.790	3518458	∞	5.7	1851.08	625139	723.2537 ng/ml *
Promethazine	5.552	15008399	6253.30	29.9	5007.96	625303	1026.3640 ng/ml
Pseudoephedrine	2.603	18125930	104189.96	16.3	138220.55	813761	1066.6375 ng/ml
Quetiapine	5.569	8395541	495.39	60.8	556.09	140121	949.3216 ng/ml
Sertraline	5.796	2644783	89237.24	88.9	69425.21	107140	1026.0849 ng/ml
Temazepam	5.830	3989755	48261.10	26.6	23972.44	196358	992.8024 ng/ml
Tramadol	4.252	15696001	∞	3.2	1062.60	934934	919.8983 ng/ml
Trazodone	5.163	13228528	284359.89	79.3	333587.90	632359	910.0093 ng/ml
Venlafaxine	5.050	15929193	3434.17	33.1	155208.89	815527	1058.1303 ng/ml
Zolpidem	4.921	15251780	4182.65	28.0	2394.45	853935	872.6730 ng/ml

*Outside curve range.

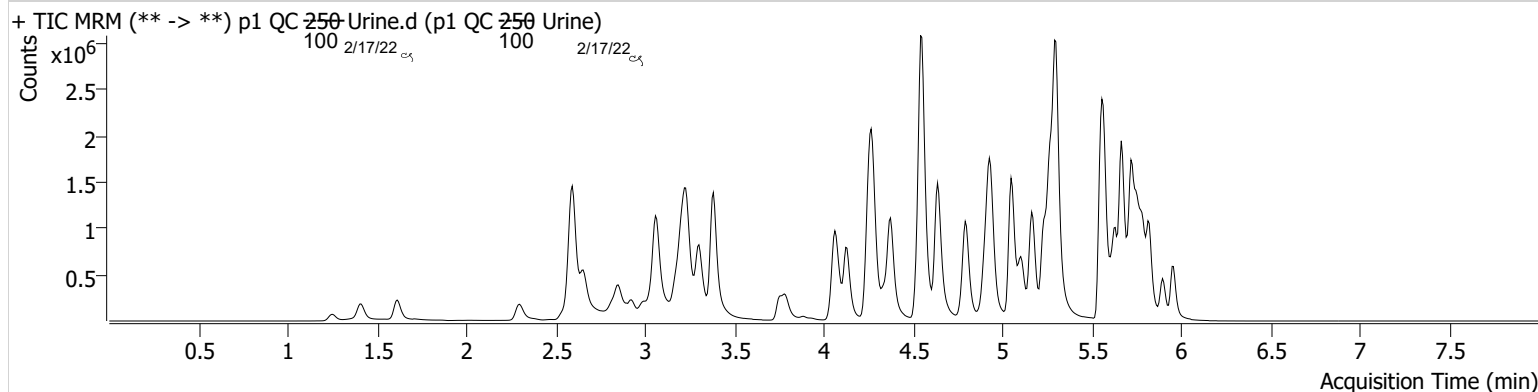
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 PM

Instrument Falco (069901) **Data File** p1 QC 250 Urine.d
Type QC **Sample** p1 QC 250 Urine
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-E2 **Comment** 2/17/22 CS
Injection Volume 2
Acq. Date-Time 2/12/2022 12:38:08 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	24188	462.48	68.7	868.37	64857	10.2277 ng/ml
7-aminoclonazepam	4.265	519694	7290.66	80.0	7773.26	201749	107.6692 ng/ml
a-hydroxyalprazolam	5.699	179588	193.70	64.3	1712.92	226427	107.1855 ng/ml
alpha-PHP	4.944	379907	4704.61	257.4	6016.81	656173	100.9848 ng/ml
alpha-PVP	4.376	1451865	2587.83	52.2	1476.33	656173	95.0392 ng/ml
Alprazolam	5.775	611888	∞	108.6	1326.57	226427	96.8613 ng/ml
Amphetamine	3.063	2224850	750.58	52.0	677.34	370096	98.2605 ng/ml
Benzoylcegonine	3.886	35893	184.56	8.1	157.41	12127	99.5291 ng/ml
Buprenorphine	5.860	32113	1282.54	15.0	8131.74	122745	9.0596 ng/ml
Bupropion	4.795	1552753	49155.67	62.8	1897.99	559986	102.2748 ng/ml
Carisoprodol	5.730	619460	∞	55.6	1147.97	279733	91.5894 ng/ml
Citalopram	5.232	1159425	16205.71	38.4	1251.08	528617	96.6139 ng/ml
Clonazepam	5.612	579771	1091.74	34.5	4142.53	79558	109.1178 ng/ml
Clonazepam	5.555	338813	1420.71	38.1	126761.78	79558	105.1974 ng/ml
Cocaine	4.271	922759	486151.81	54.9	1400.93	825086	99.7837 ng/ml
Codeine	2.593	132546	6682.63	102.1	146.03	67324	111.1734 ng/ml
Cyclobenzaprine	5.635	1091121	14478.56	7.4	1289.17	431363	96.8156 ng/ml
Dextromethorphan	5.275	757868	1508.26	79.0	7791.96	374320	98.2614 ng/ml
Dextrophan	4.132	429570	2571.24	213.0	2311.13	501825	97.2783 ng/ml
Diazepam	5.960	517900	939.73	91.0	439.27	253327	101.9223 ng/ml
Dihydrocodeine	2.572	341172	848.18	60.9	91.34	218358	111.6827 ng/ml
Diphenhydramine	5.303	3354230	40925.07	32.1	11750.06	1856430	96.8918 ng/ml
Doxylamine	4.550	3798023	11086.95	98.1	11809.81	1666753	104.8157 ng/ml
EDDP	5.268	1296344	23350.58	41.4	87385.38	723782	98.0550 ng/ml
Etizolam	5.820	253422	4276.48	26.0	2274.02	79558	106.2695 ng/ml
Fentanyl	5.109	120820	1884.55	74.2	10476.29	703192	10.1002 ng/ml
Flualprazolam	5.705	268764	3555.56	98.5	3653.93	226427	108.6715 ng/ml
Fluoxetine	5.721	1292244	57777.56	8.7	403.81	475509	96.3833 ng/ml
Hydrocodone	3.032	418590	804.35	35.1	∞	243428	104.4988 ng/ml
Hydromorphone	1.615	369909	1193481.59	75.1	804456.36	122042	99.9470 ng/ml
Ketamine	4.059	997158	21122.70	38.5	2648.49	475567	103.6290 ng/ml
Lamotrigine	4.294	90913	1475.81	84.4	696.66	475567	102.4425 ng/ml
Levetiracetam	2.656	444959	4653.09	146.4	5095.15	1284898	110.2915 ng/ml

p1 QC 250 Urine
1000 2/17/22 CS

Generated at 1:27 PM on 2/16/2022



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	387857	5926.31	51.1	612.19	79558	86.9428 ng/ml *
MDA	3.209	1488637	9408.63	29.4	127.15	518473	107.3345 ng/ml
MDMA	3.303	968024	6923.09	94.4	3912.00	118888	97.3965 ng/ml
Meprobamate	4.911	441997	395.47	25.0	235.21	251089	101.4875 ng/ml
Methadone	5.666	1973132	2312.28	50.5	2319.85	856798	93.8707 ng/ml
Methamphetamine	3.238	2196028	16610.32	38.9	7136.26	898461	103.9773 ng/ml NE
Metoprolol	4.340	269488	5546.60	95.8	693.75	1260717	102.6521 ng/ml
Mirtazapine	4.637	2610558	26233.64	46.6	31174.38	656173	107.0040 ng/ml
Mitragynine	5.244	435300	17606.68	36.2	547.96	856798	114.6054 ng/ml
Morphine	1.253	72462	198.51	18.1	2798.46	12651	102.5186 ng/ml
Norbuprenorphine	5.006	4272	26.54	100.2	3626.82	18604	10.7720 ng/ml
Nordiazepam	5.900	457087	17205.45	59.1	1014.21	158975	102.4298 ng/ml
Norfentanyl	4.093	227560	665.25	36.1	642.14	1027754	9.3662 ng/ml
Norhydrocodone	3.080	63626	161.68	40.9	∞	54057	95.6527 ng/ml
Noroxycodone	2.923	383877	2763.36	47.6	3187.11	131515	99.7833 ng/ml
O-desmethyl-tramadol	3.383	2194334	2086.36	5.8	275.75	1334950	95.1510 ng/ml
Oxazepam	5.756	544135	5160.76	71.0	716.50	233764	96.8543 ng/ml
Oxycodone	2.848	918292	12434.16	29.5	700.92	385520	102.8571 ng/ml
Oxymorphone	1.412	364338	∞	44.3	150.26	116923	104.1208 ng/ml
Phentermine	3.790	592137	∞	5.6	586.39	715622	105.5368 ng/ml
Promethazine	5.552	2207977	20009.73	30.2	5301.62	968778	97.6944 ng/ml
Pseudoephedrine	2.596	2659974	28973.47	17.2	5156.01	1284898	99.4310 ng/ml
Quetiapine	5.569	1581289	769.26	61.9	22204.77	241071	103.4079 ng/ml
Sertraline	5.789	394867	410.80	94.0	719.21	179275	92.3839 ng/ml
Temazepam	5.823	897973	1213.55	27.8	152.09	475963	92.4081 ng/ml
Tramadol	4.259	2362566	9809.15	3.3	602.03	1260717	102.0504 ng/ml
Trazodone	5.163	1687432	22880.64	78.3	637.68	700041	104.4433 ng/ml
Venlafaxine	5.050	2055203	26229.88	34.6	761.05	1165169	95.8624 ng/ml
Zolpidem	4.928	2338934	24701.91	29.5	18186.05	1066422	106.4966 ng/ml

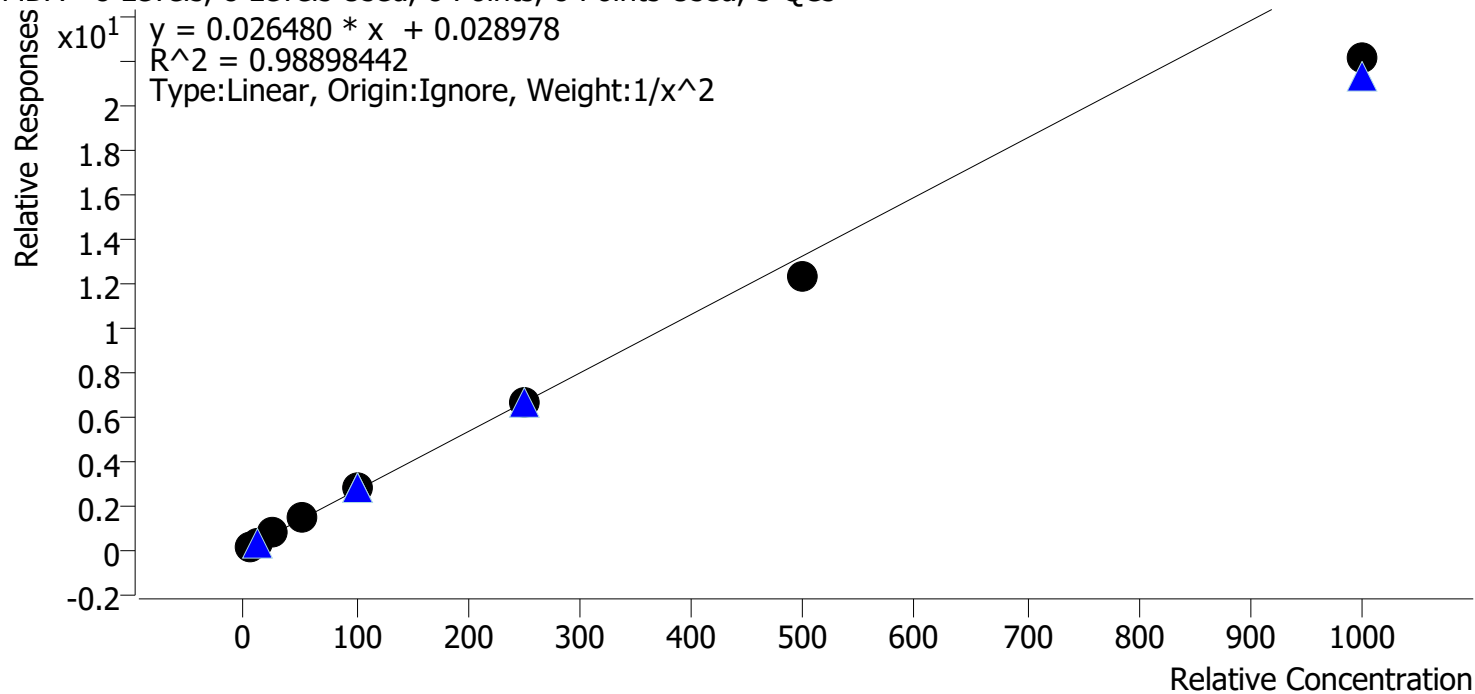
*Outside curve range.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



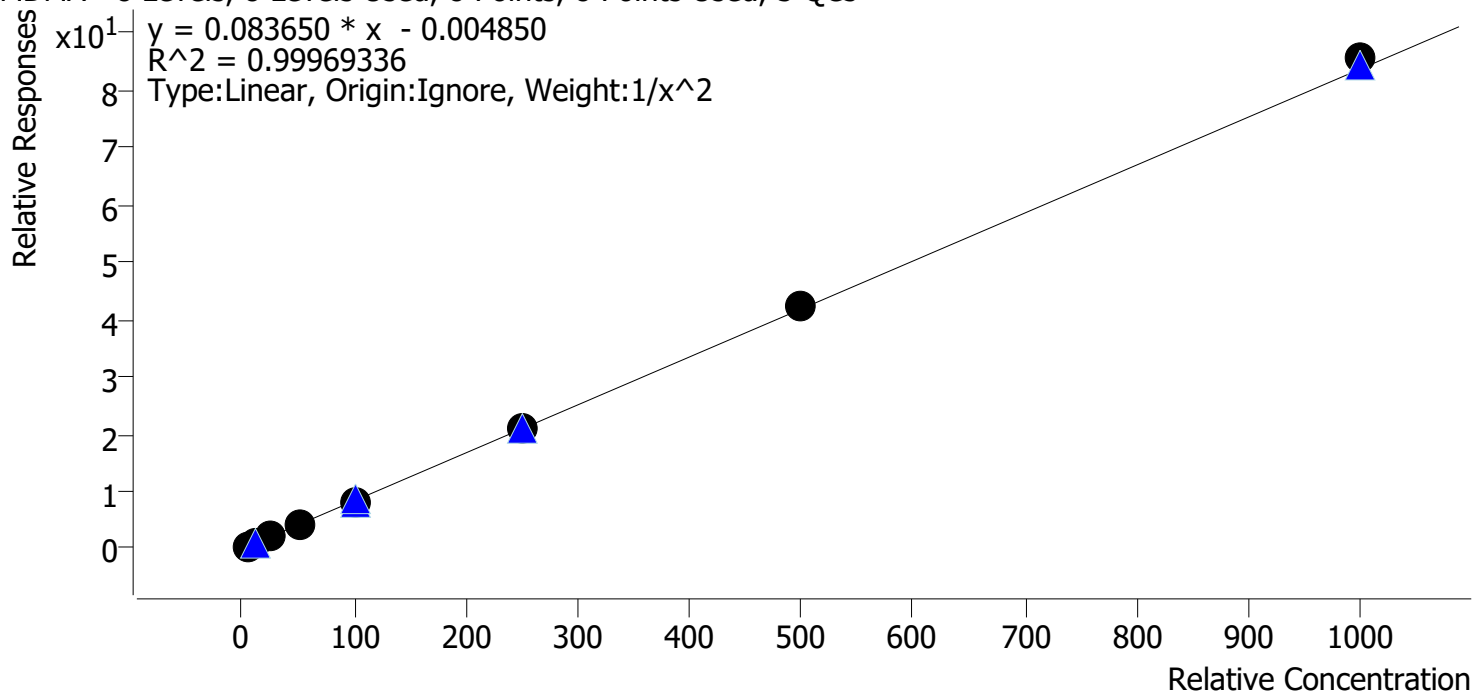
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.6
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	463.6	92.7
p1 Cal 8-1000ng	8	✓	1000.0	836.1	83.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



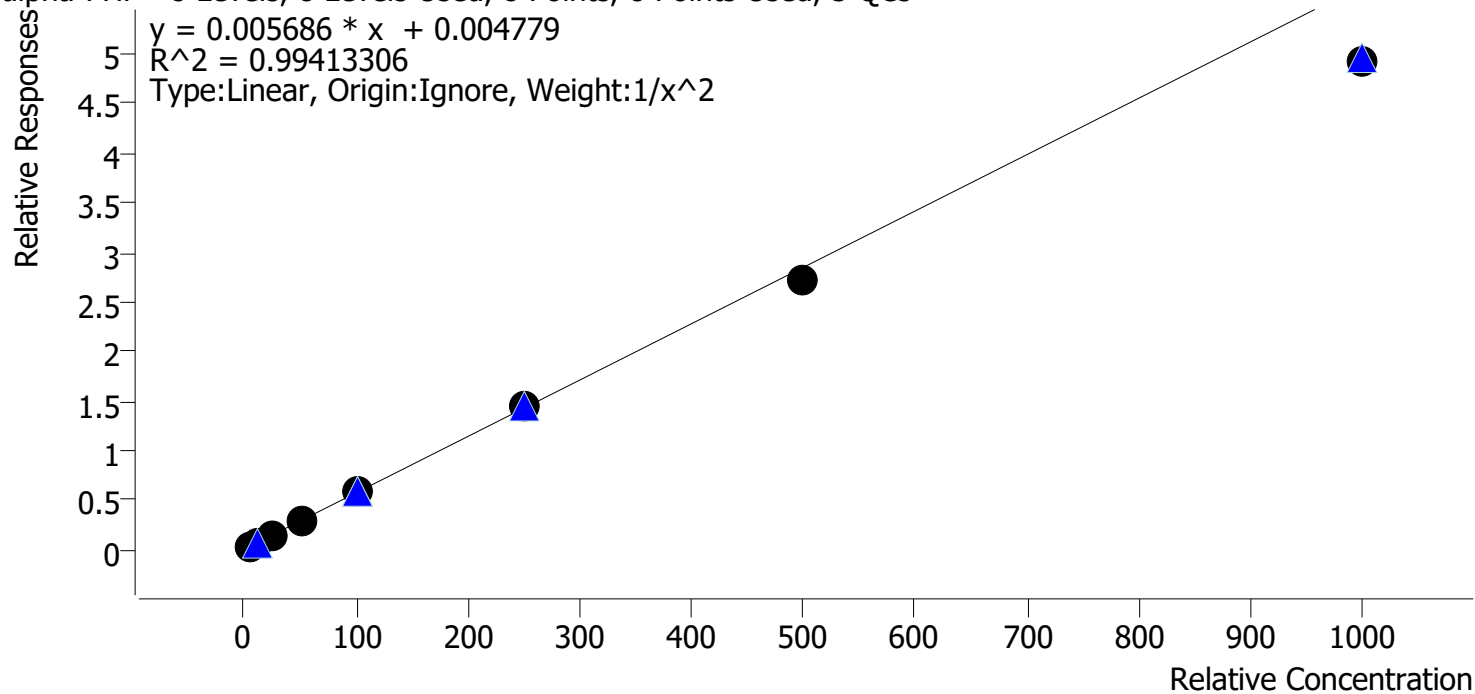
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1022.6	102.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	476.5	95.3
p1 Cal 8-1000ng	8	✓	1000.0	867.7	86.8



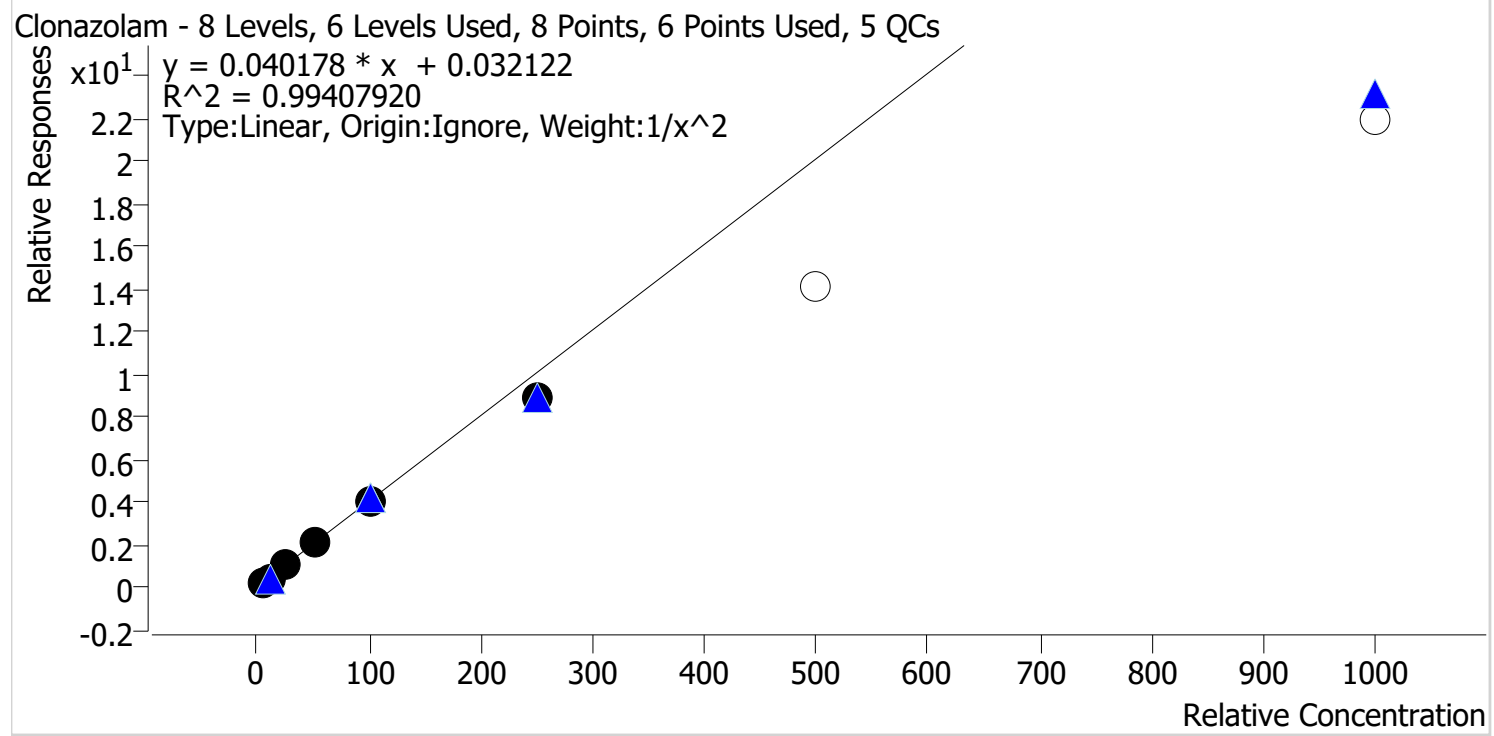
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Clonazepam Internal Standard Clonazepam-D4



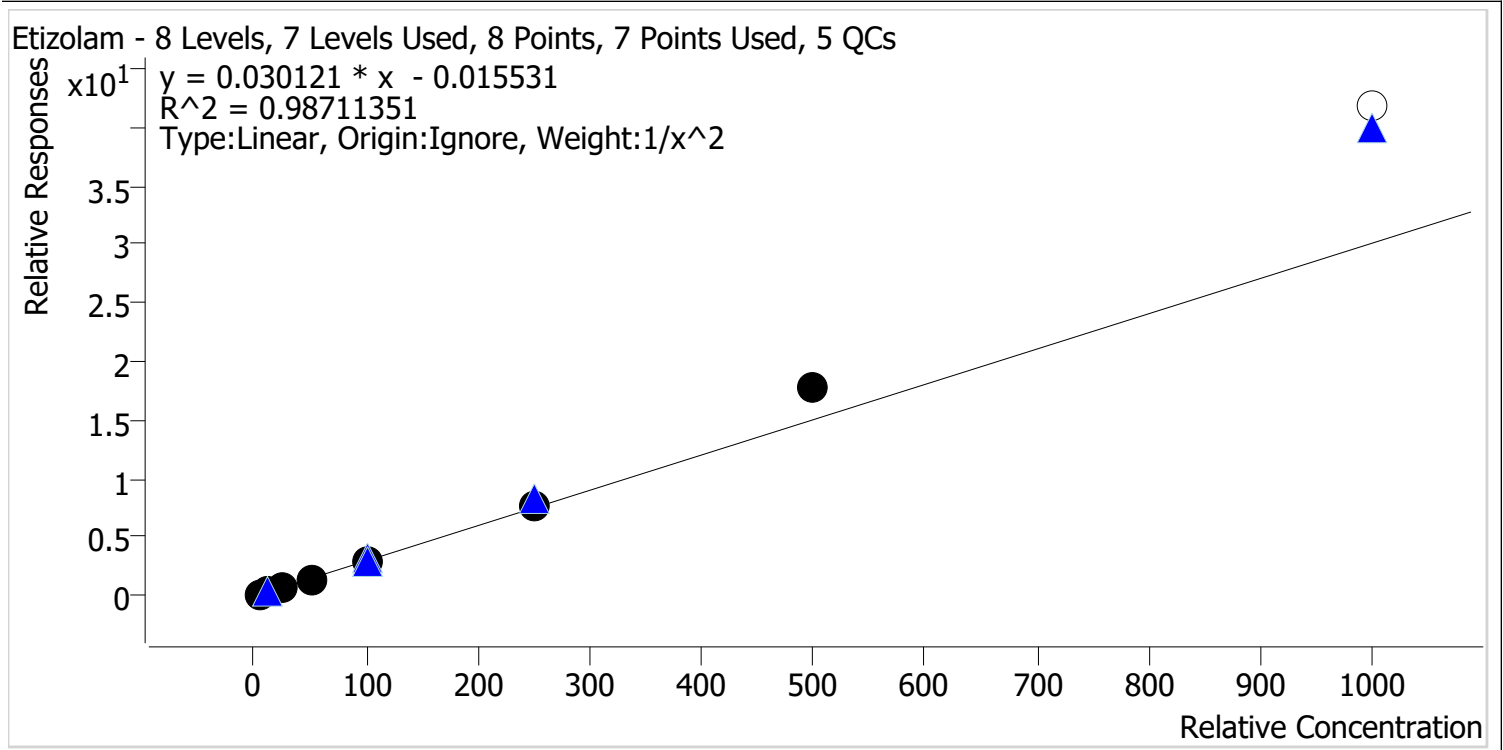
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	221.7	88.7
p1 Cal 7-500ng	7	✗	500.0	349.1	69.8
p1 Cal 8-1000ng	8	✗	1000.0	546.5	54.6

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.5	94.8
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.0
p1 Cal 4-50ng	4	✓	50.0	45.9	91.7
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	257.6	103.1
p1 Cal 7-500ng	7	✓	500.0	592.1	118.4
p1 Cal 8-1000ng	8	✗	1000.0	1387.8	138.8

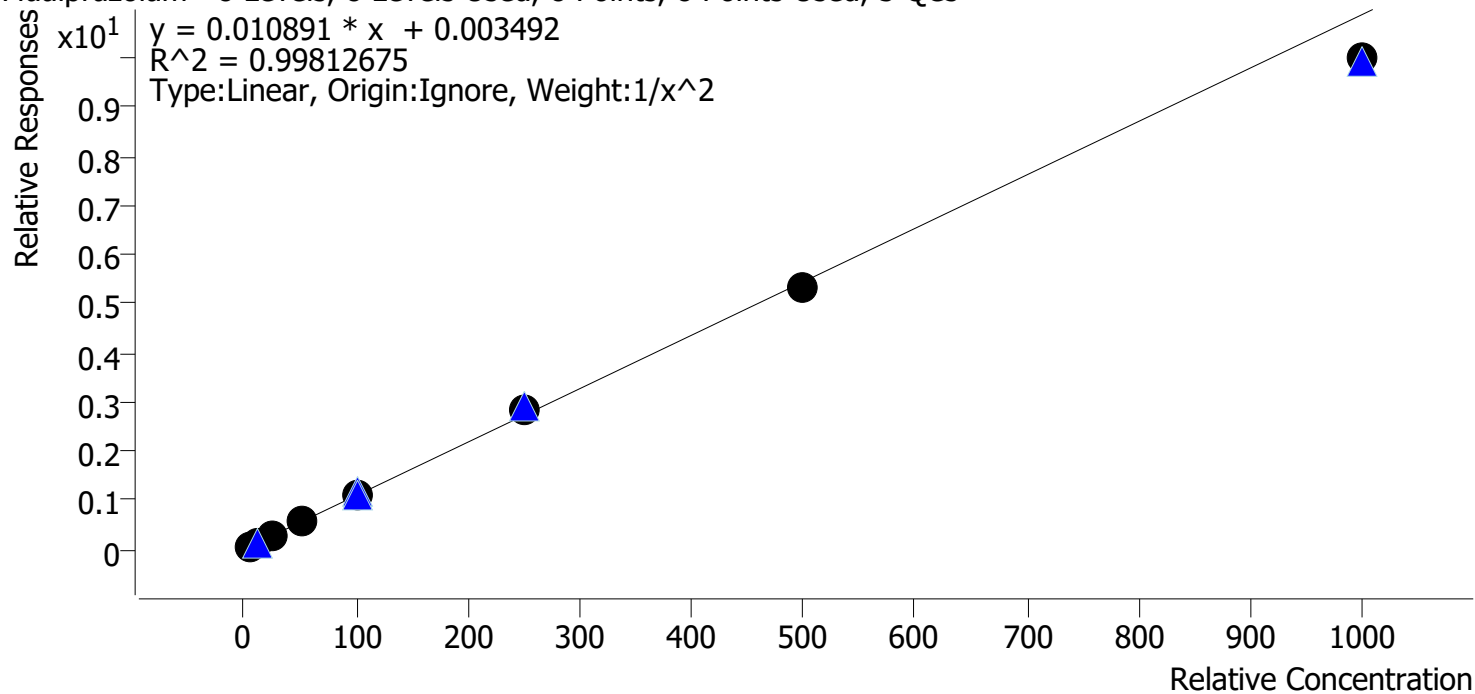
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



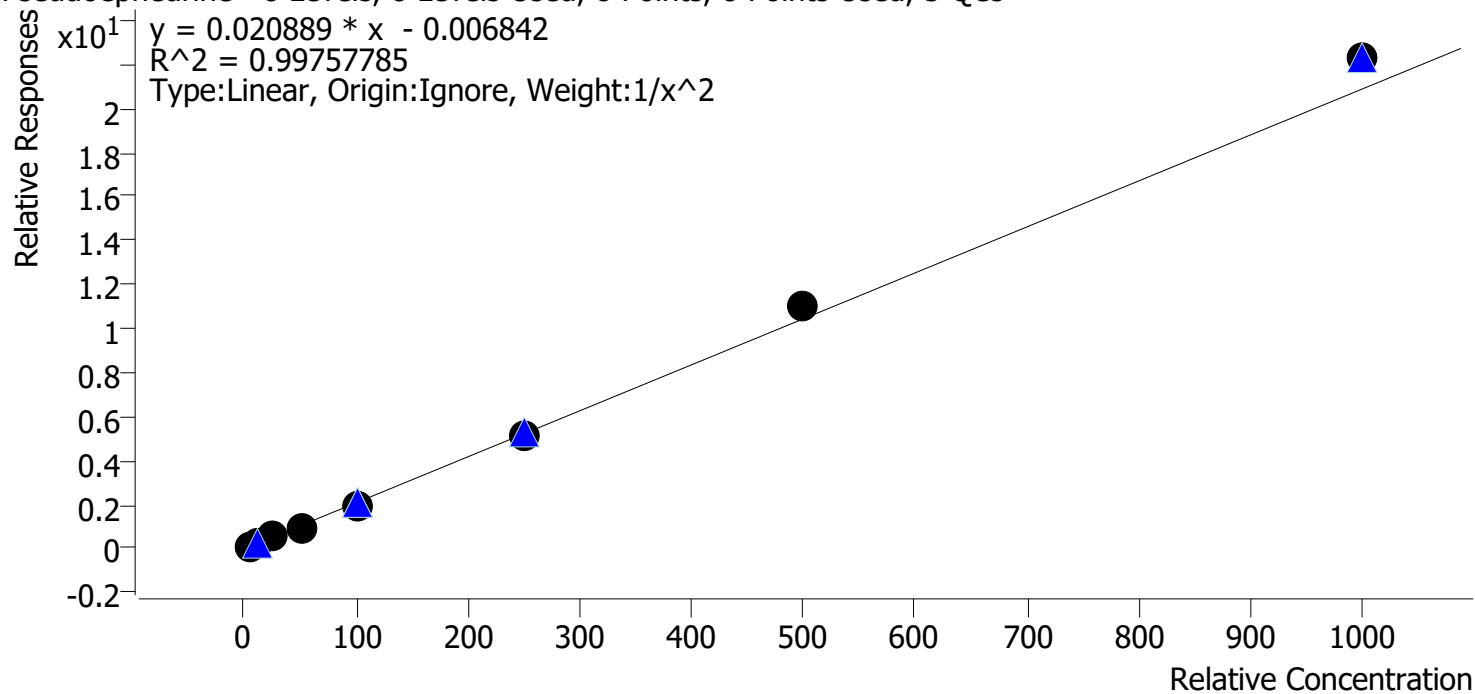
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	918.2	91.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



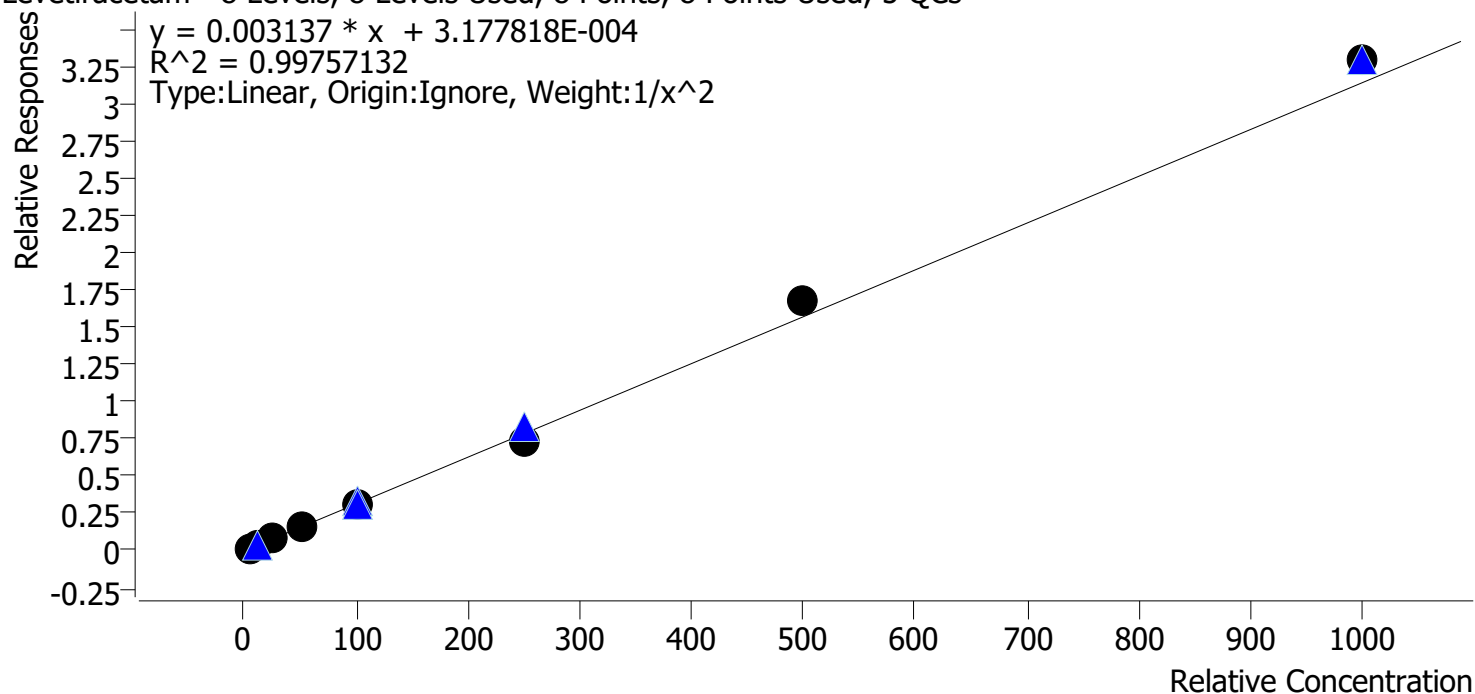
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	526.8	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1066.9	106.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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



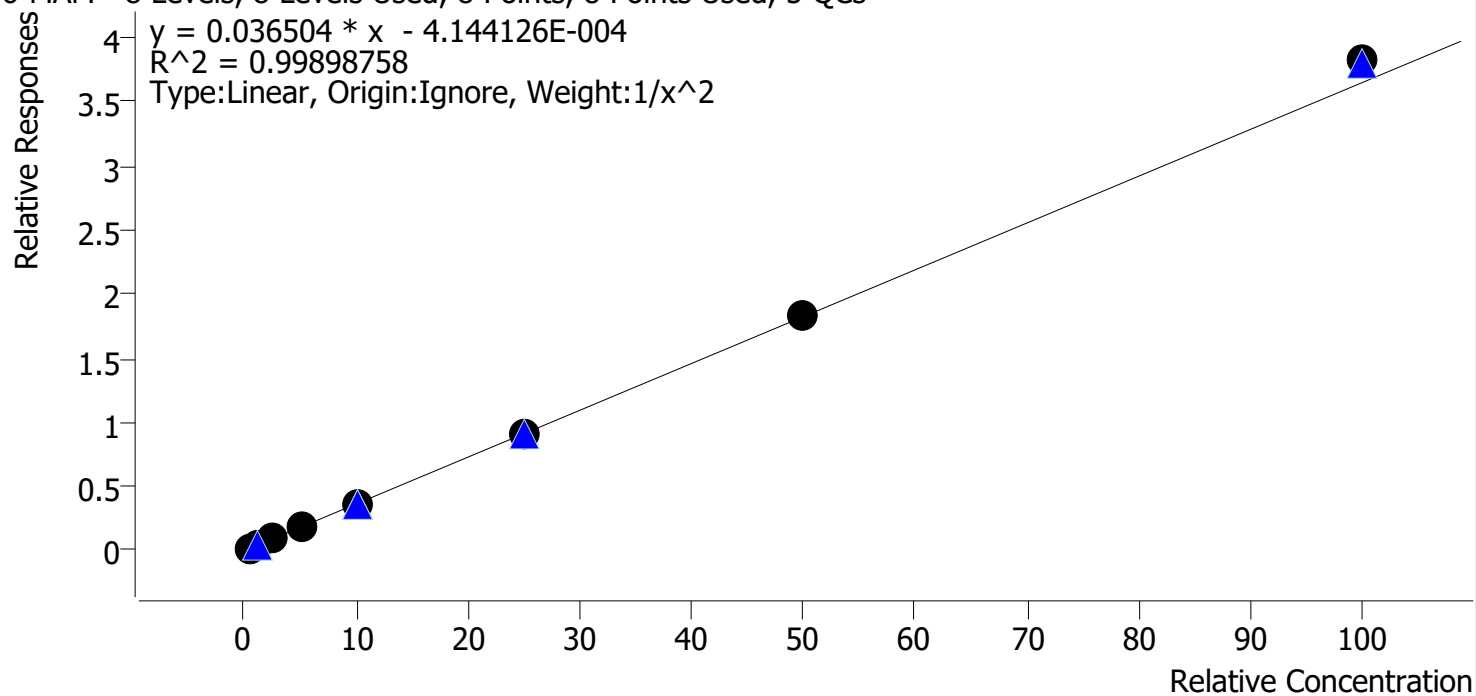
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	235.4	94.2
p1 Cal 7-500ng	7	✓	500.0	535.3	107.1
p1 Cal 8-1000ng	8	✓	1000.0	1046.1	104.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	101.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.7
p1 Cal 5-100ng	5	✓	10.0	10.1	100.8
p1 Cal 6-250ng	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng	7	✓	50.0	50.0	99.9
p1 Cal 8-1000ng	8	✓	100.0	104.8	104.8

AM #28 Multi-Drug Quant. Calibration Curve Report

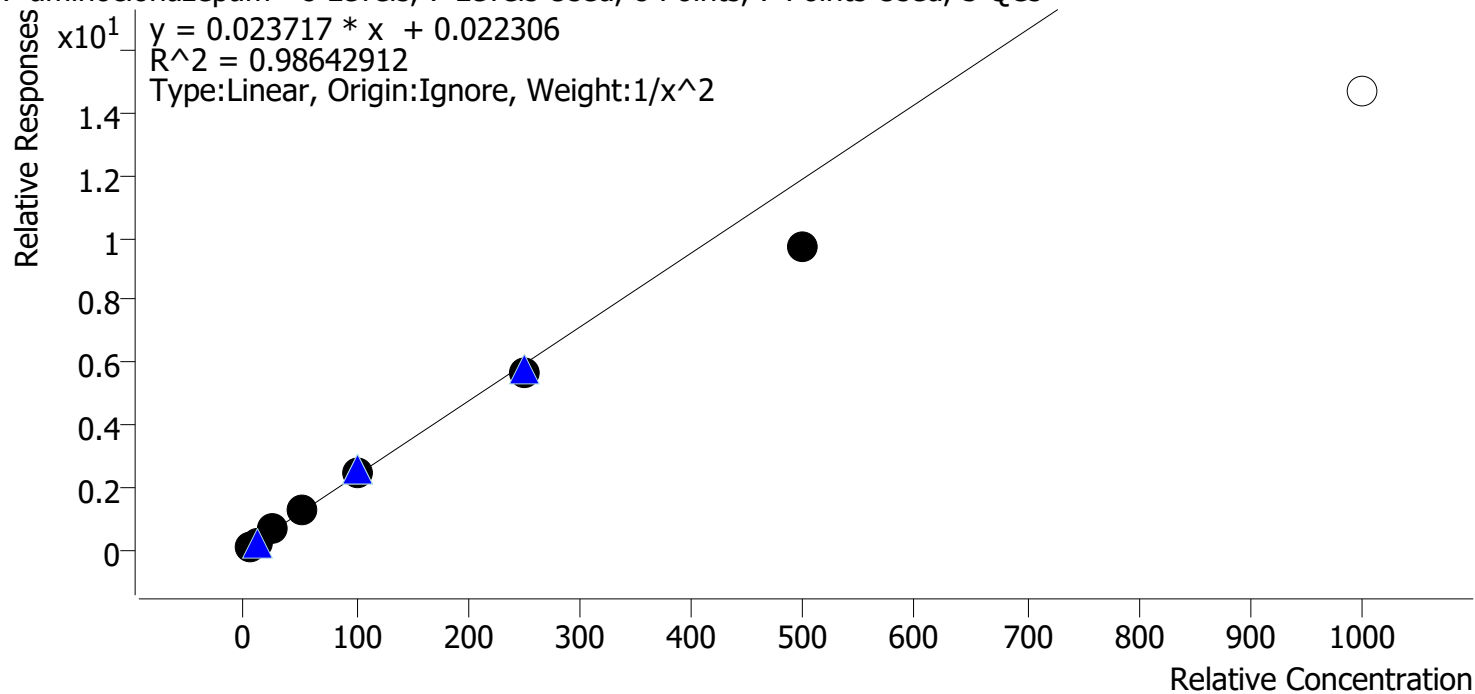
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.7	107.3
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	240.1	96.1
p1 Cal 7-500ng	7	✓	500.0	409.5	81.9
p1 Cal 8-1000ng	8	✗	1000.0	616.0	61.6

Calibrator 8 dropped due to not meeting accuracy requirement.

AM #28 Multi-Drug Quant. Calibration Curve Report

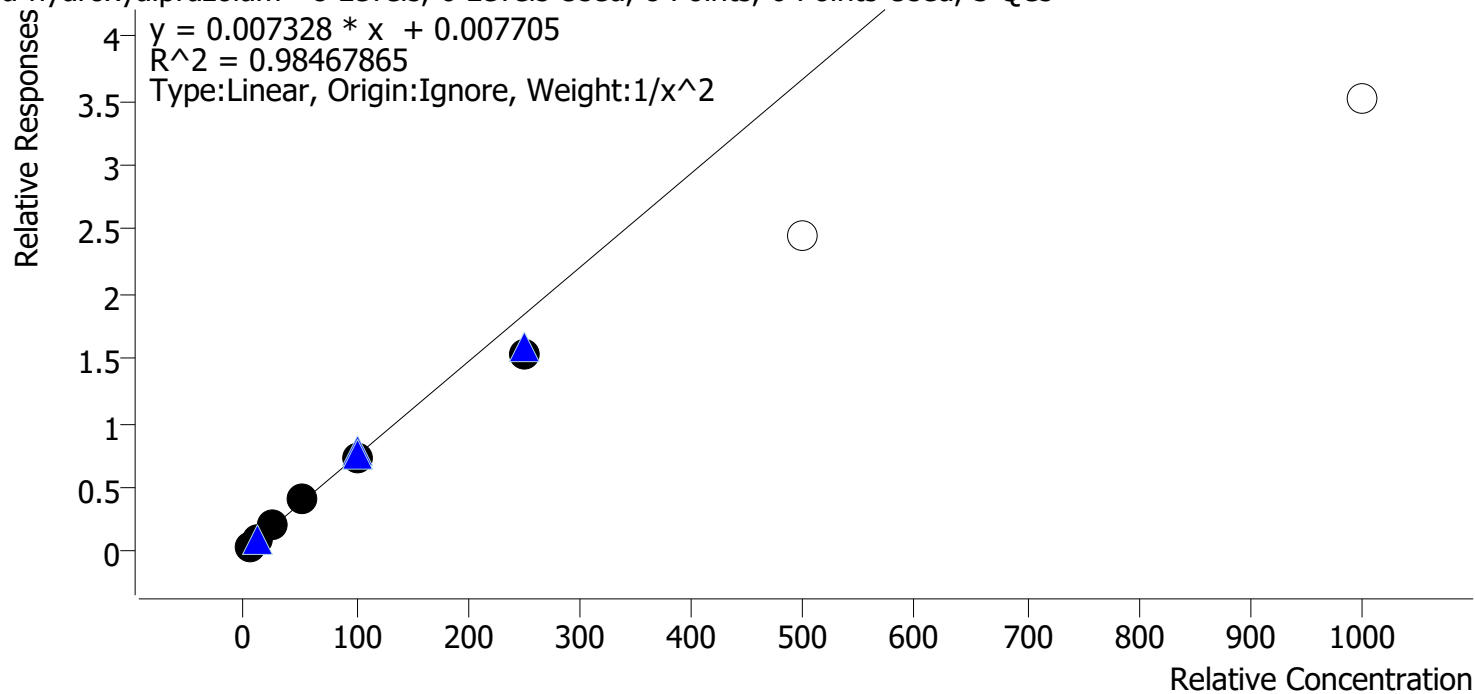
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.9	108.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	207.8	83.1
p1 Cal 7-500ng	7	✗	500.0	333.3	66.7
p1 Cal 8-1000ng	8	✗	1000.0	480.2	48.0

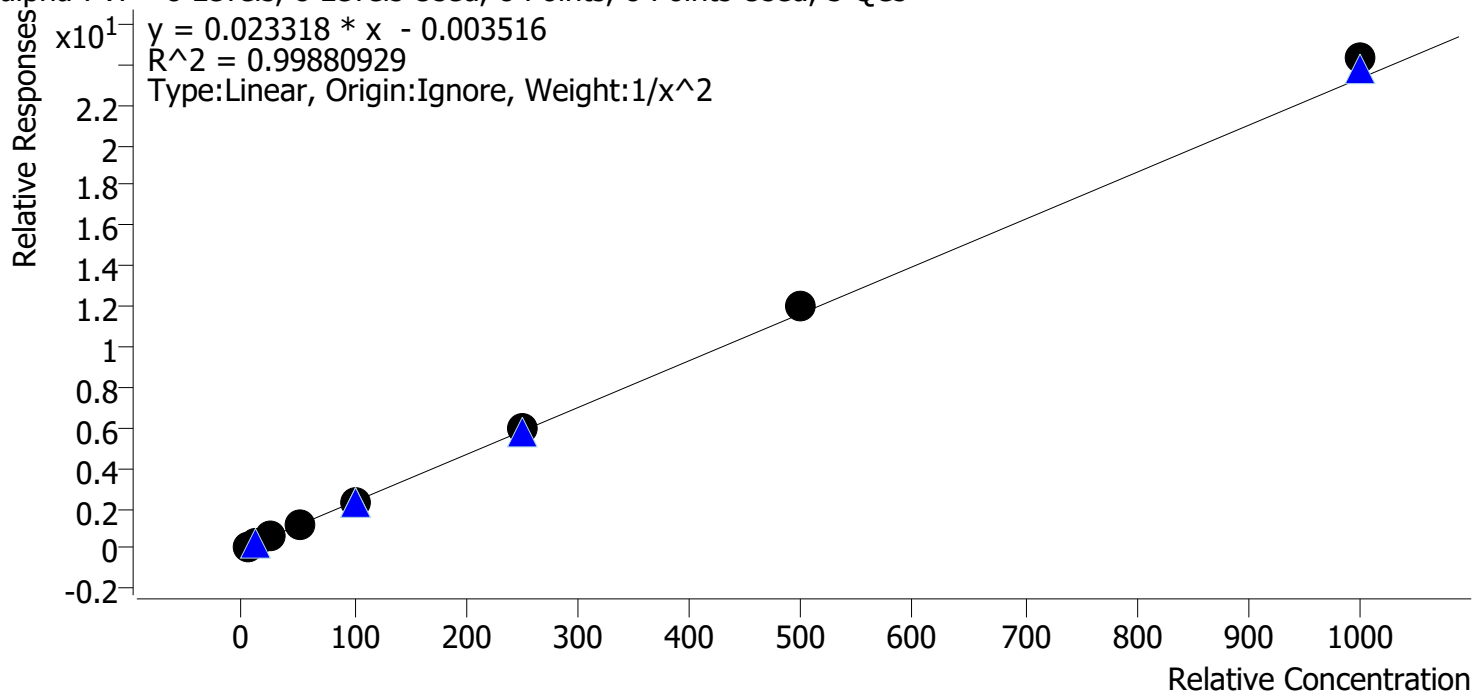
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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



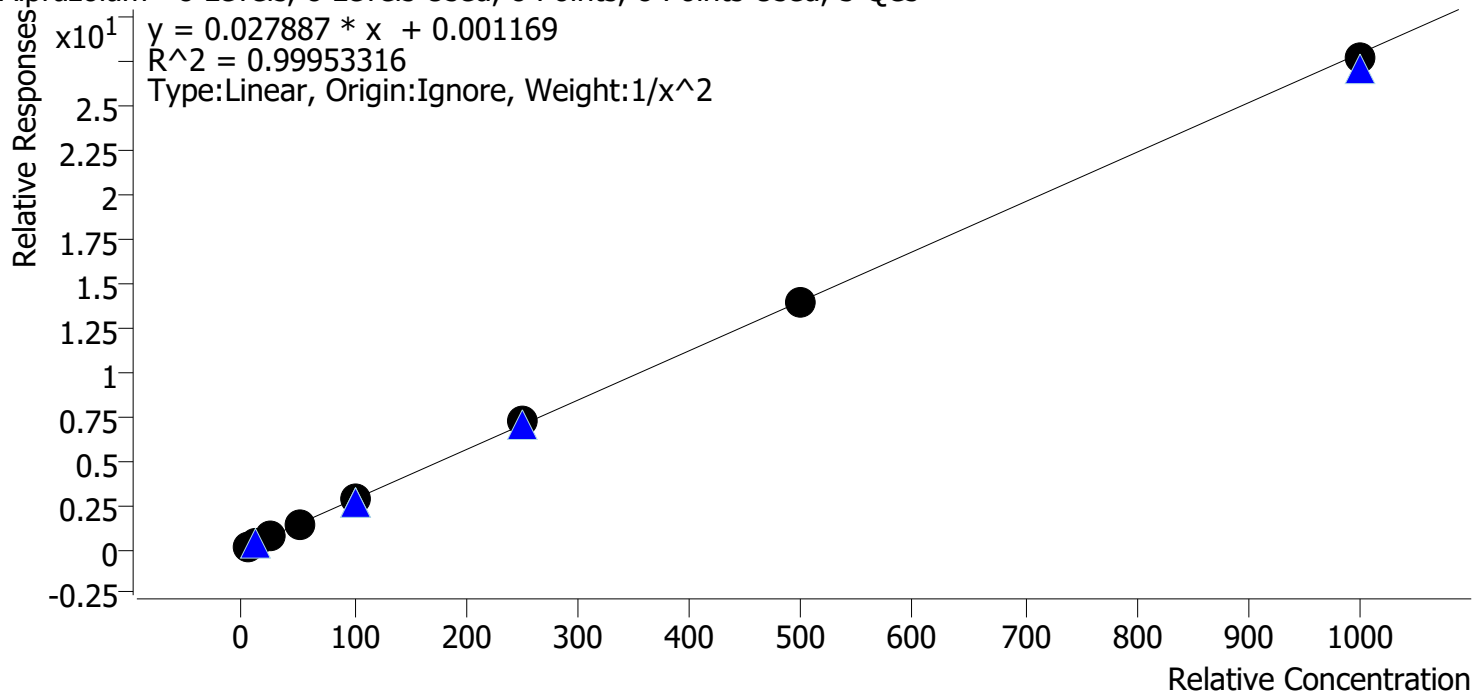
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1042.6	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

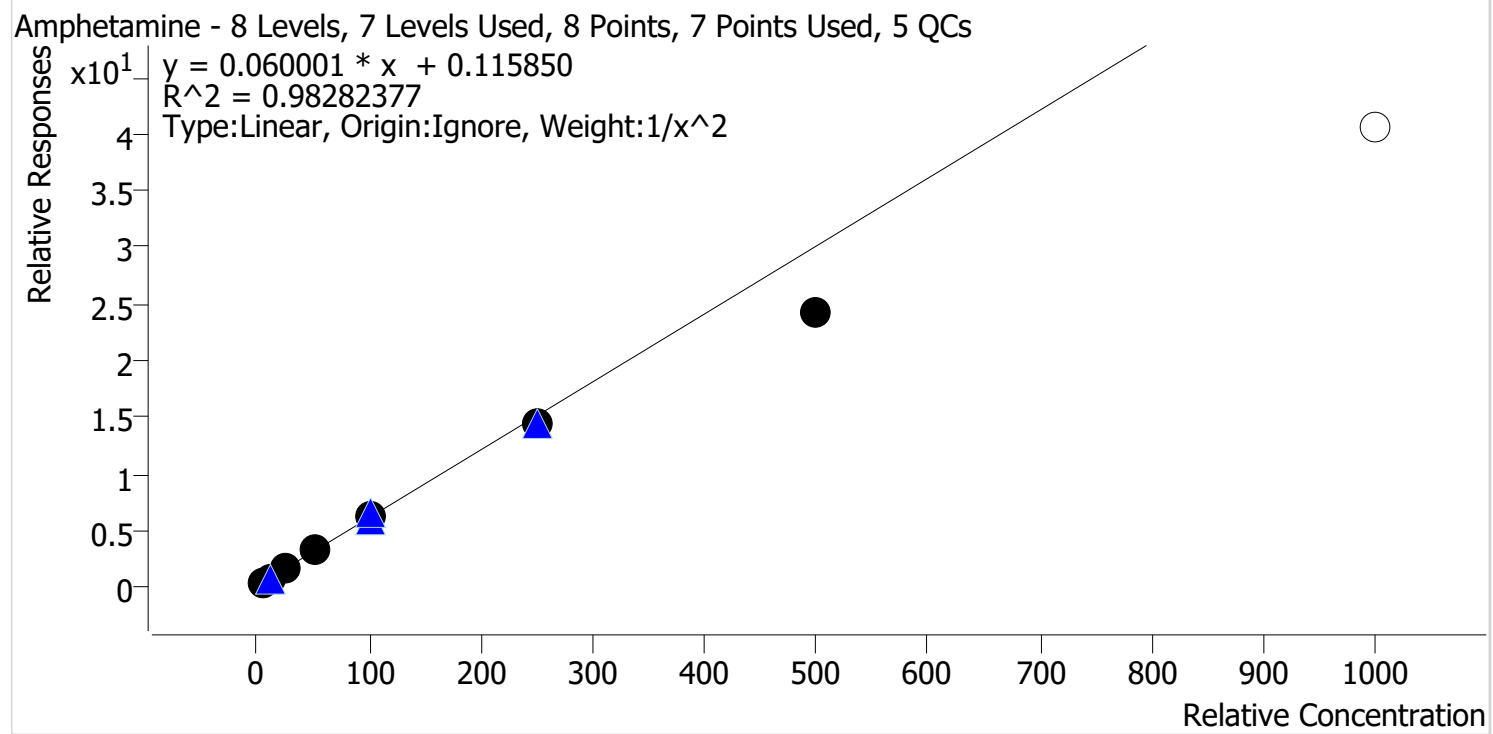


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	989.9	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	28.2	112.7
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	236.0	94.4
p1 Cal 7-500ng	7	✓	500.0	401.3	80.3
p1 Cal 8-1000ng	8	✗	1000.0	673.8	67.4

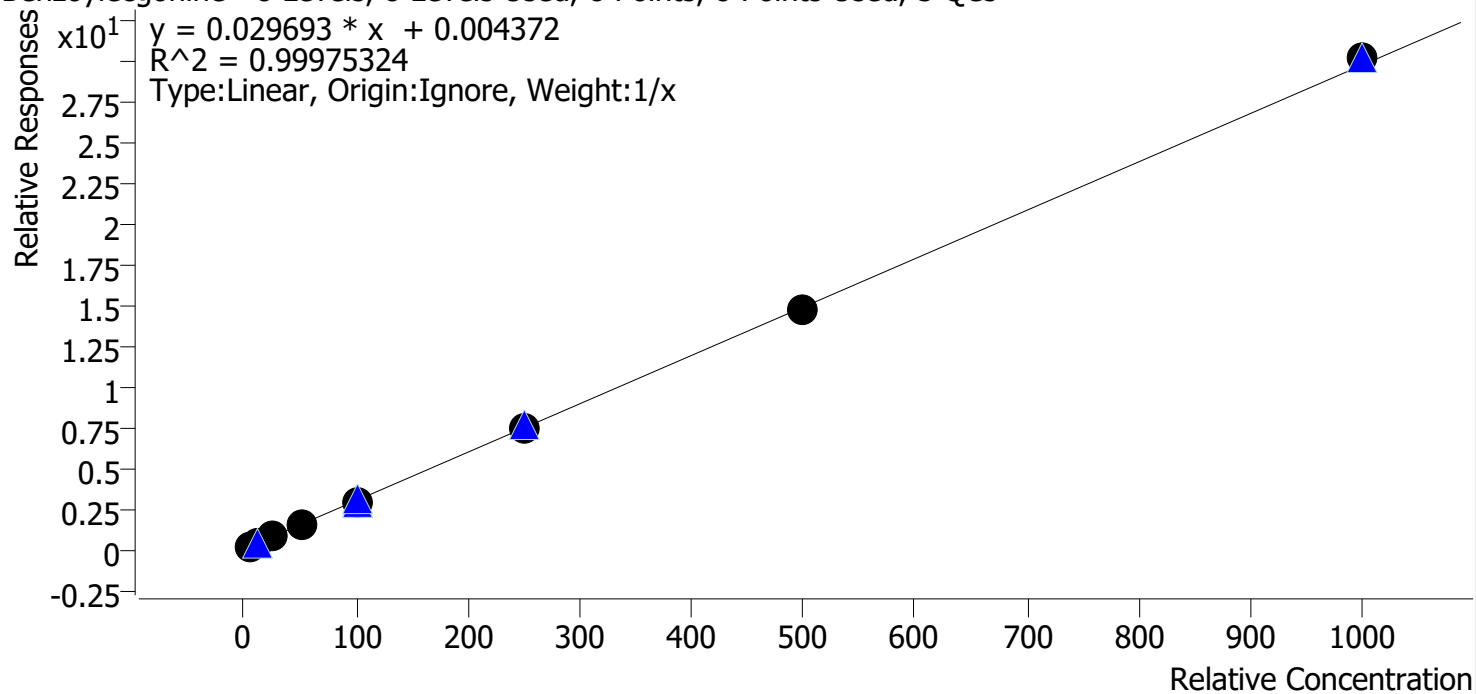
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

Benzoyllecgonine - 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	5.3	106.1
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1012.3	101.2

AM #28 Multi-Drug Quant. Calibration Curve Report

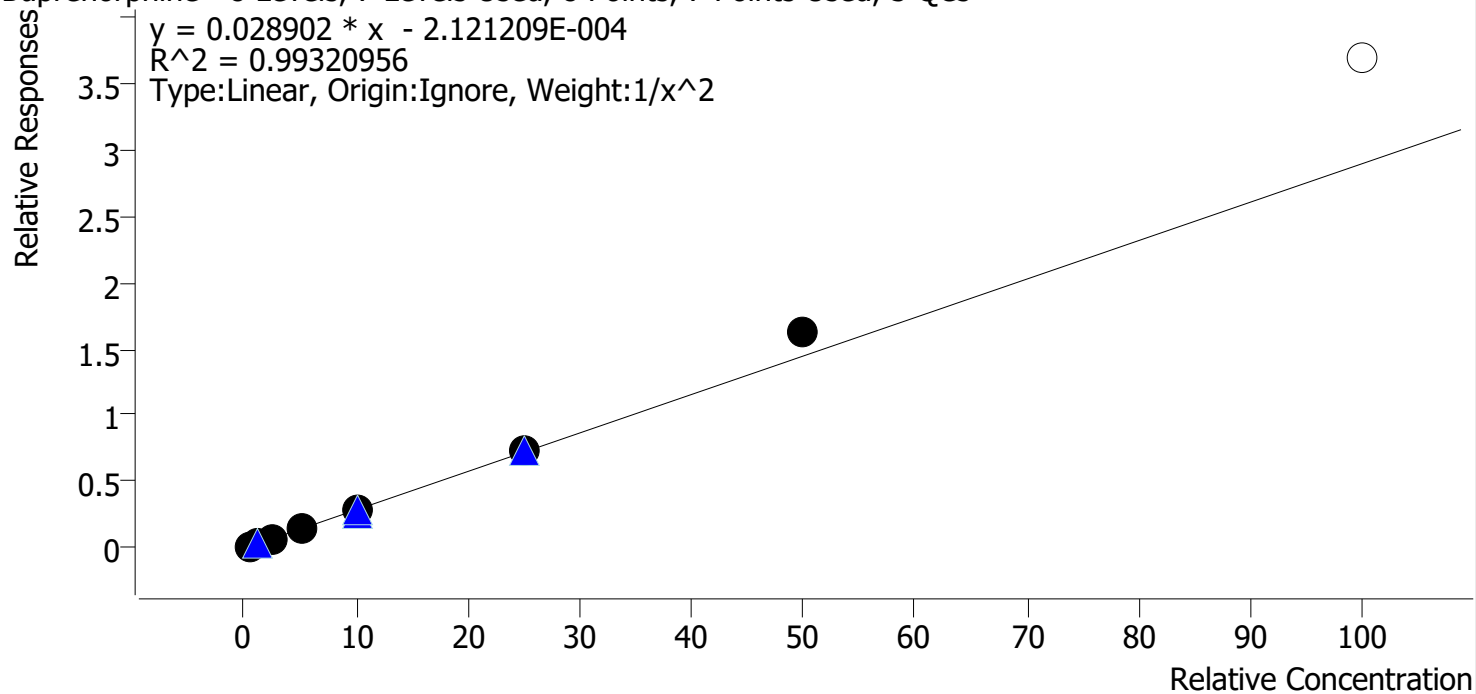
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	98.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.2
p1 Cal 4-50ng	4	✓	5.0	4.7	94.3
p1 Cal 5-100ng	5	✓	10.0	9.8	98.0
p1 Cal 6-250ng	6	✓	25.0	25.6	102.3
p1 Cal 7-500ng	7	✓	50.0	56.4	112.8
p1 Cal 8-1000ng	8	✗	100.0	127.4	127.4

Calibrator 8 dropped due to not meeting accuracy requirement.

AM #28 Multi-Drug Quant. Calibration Curve Report

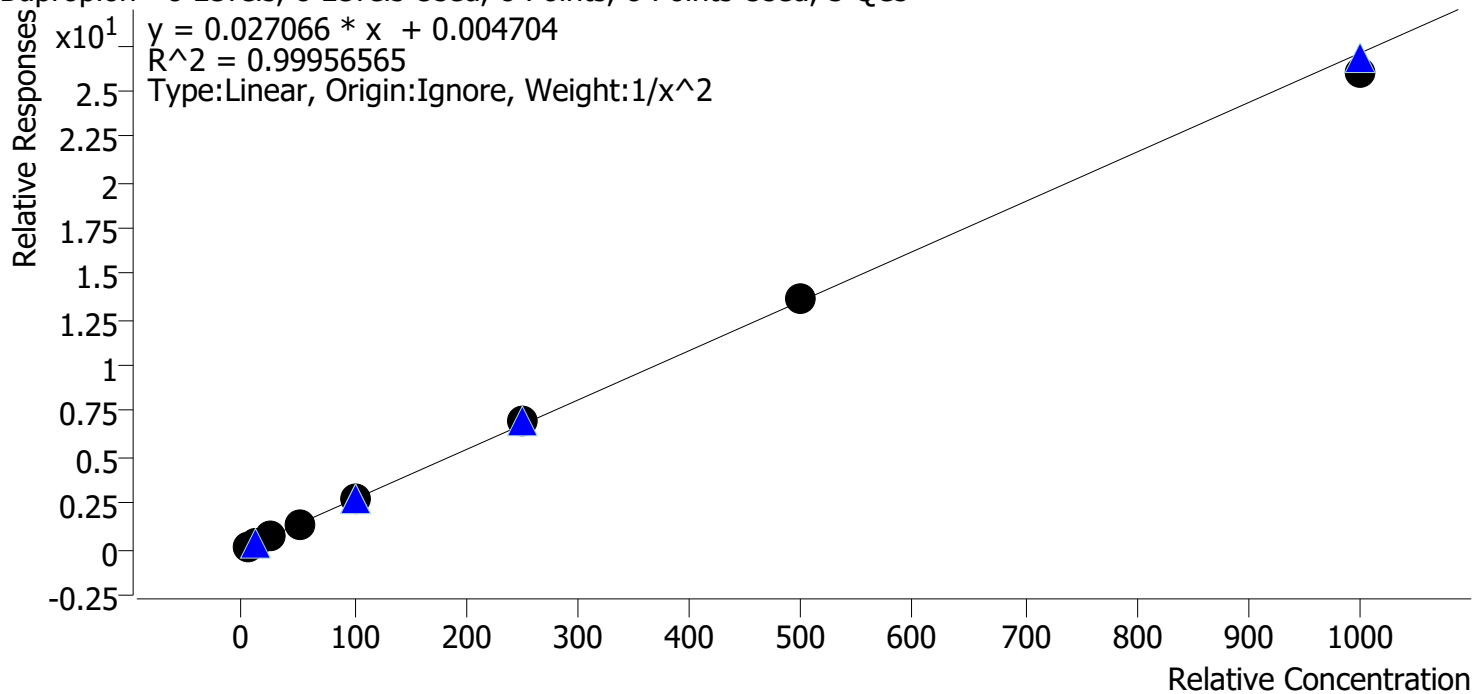
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Bupropion **Internal Standard** Bupropion-D9

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



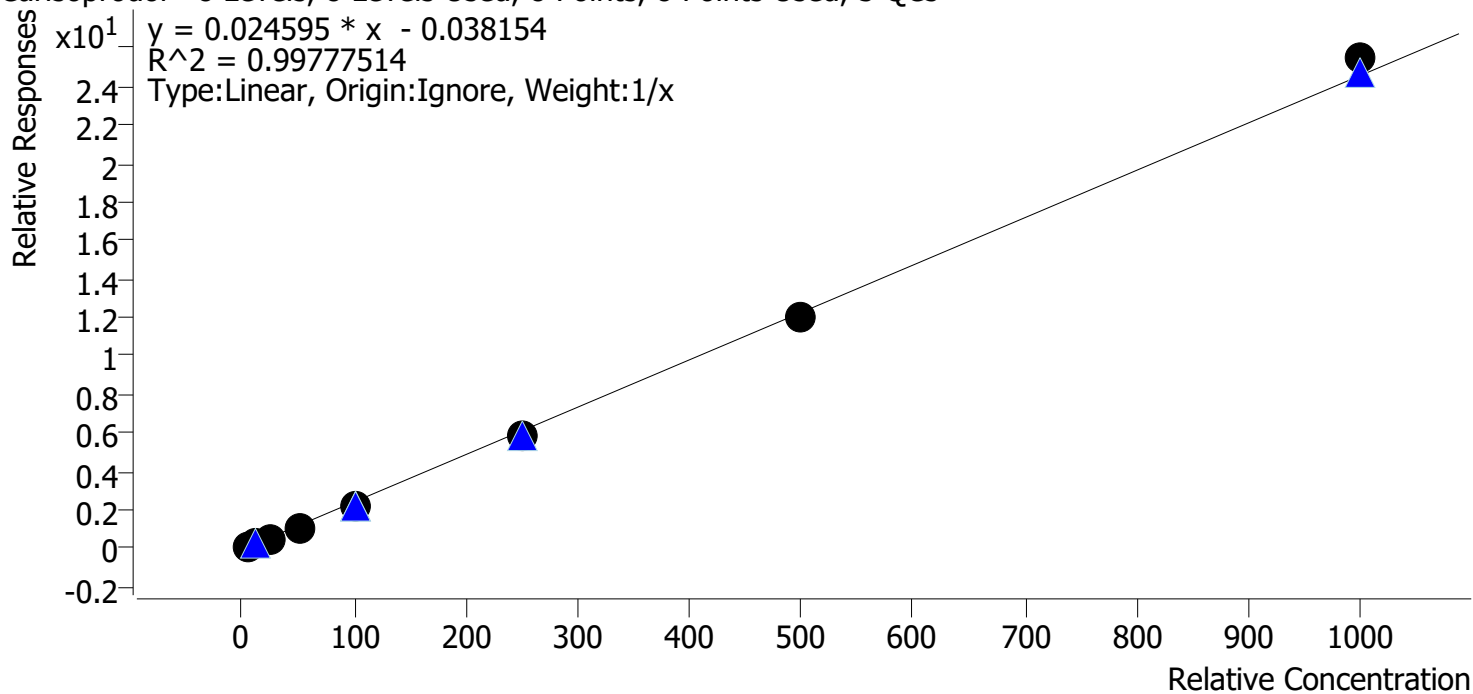
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	502.2	100.4
p1 Cal 8-1000ng	8	✓	1000.0	961.0	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 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	6.1	122.0
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	45.6	91.3
p1 Cal 5-100ng	5	✓	100.0	90.3	90.3
p1 Cal 6-250ng	6	✓	250.0	235.9	94.4
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1036.6	103.7

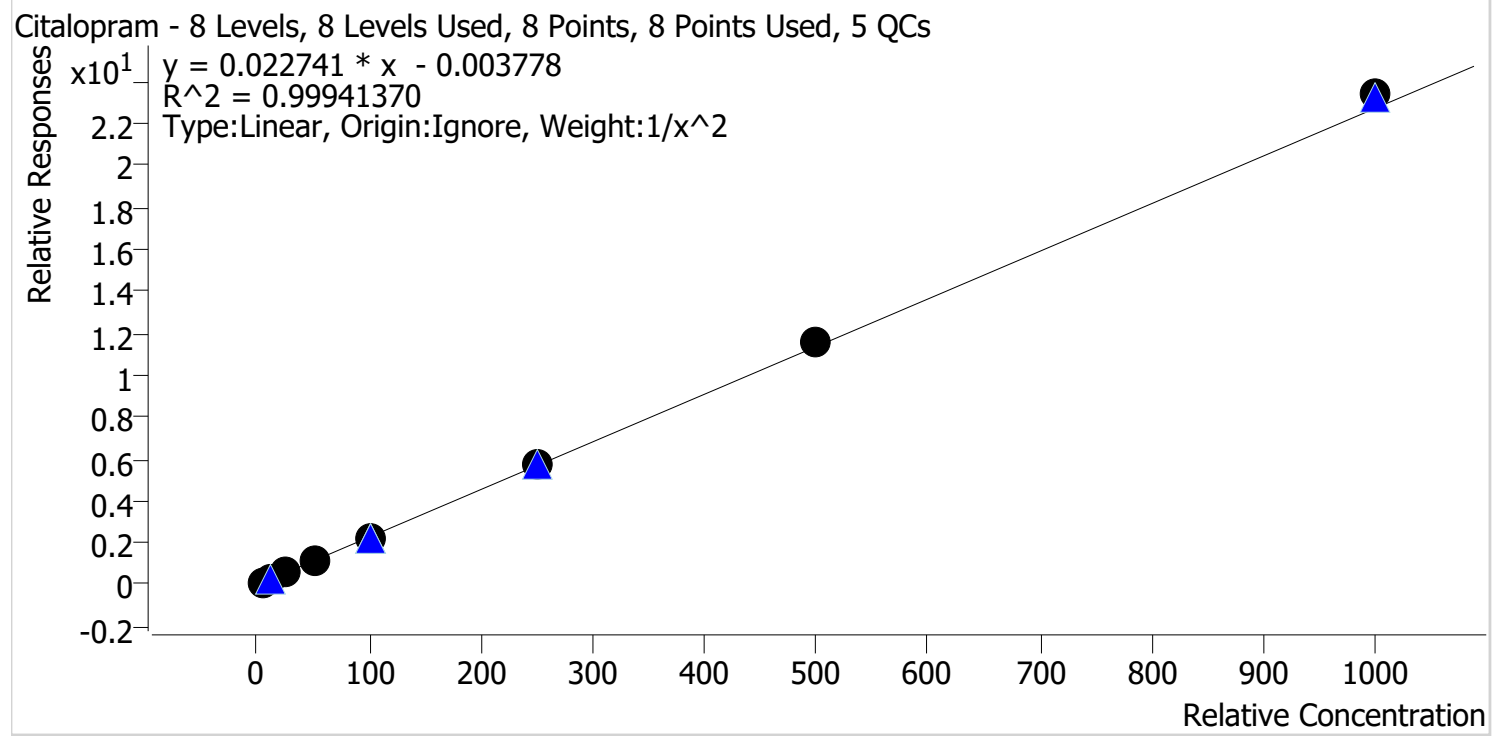
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Citalopram **Internal Standard** Citalopram-D6



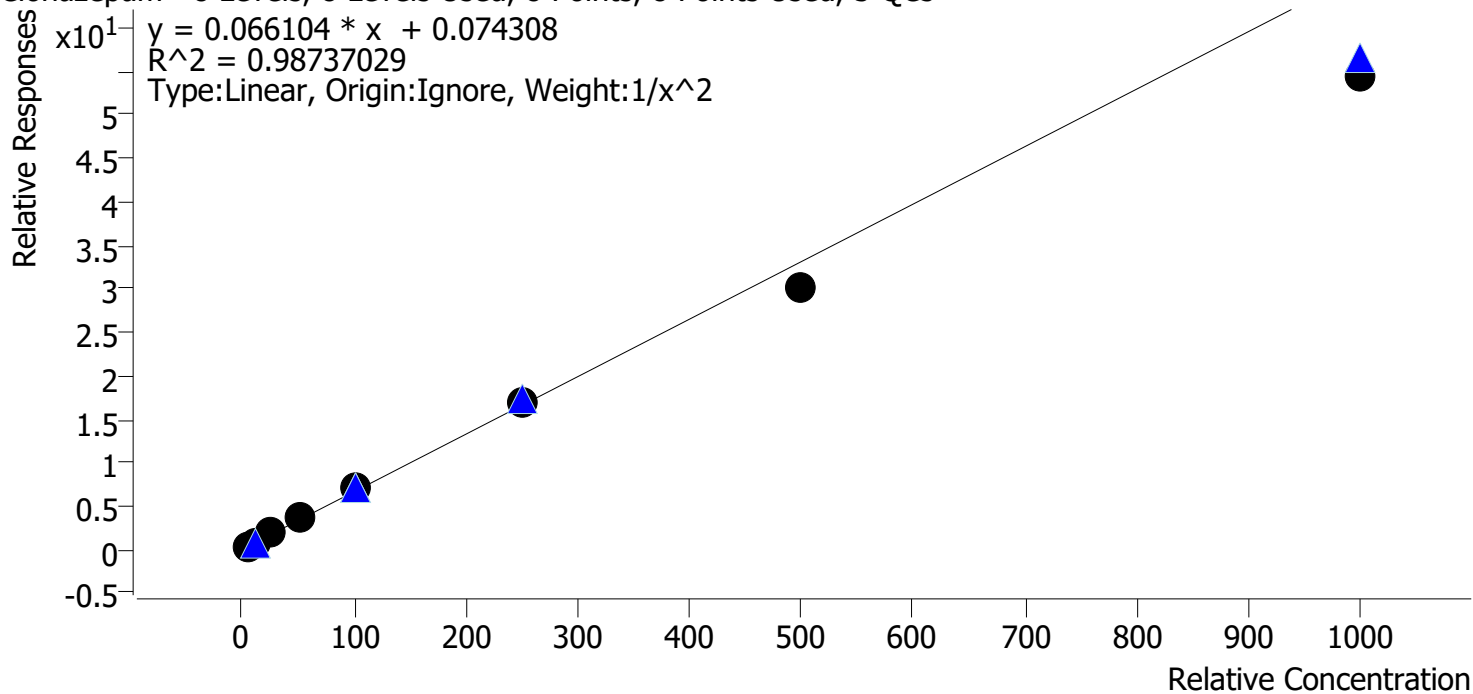
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1029.6	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

Clonazepam - 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	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.6
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	454.1	90.8
p1 Cal 8-1000ng	8	✓	1000.0	821.0	82.1

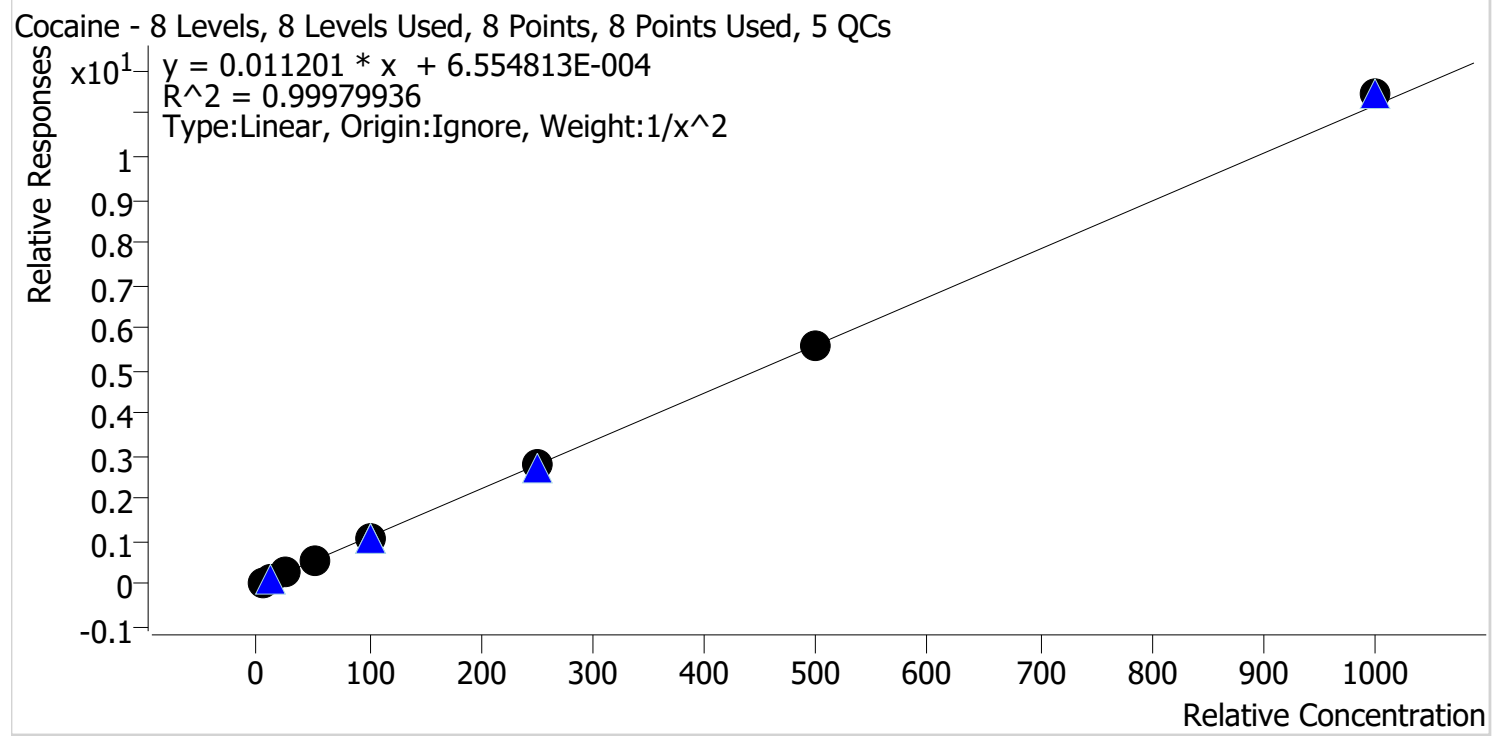
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Cocaine **Internal Standard** Cocaine-d3

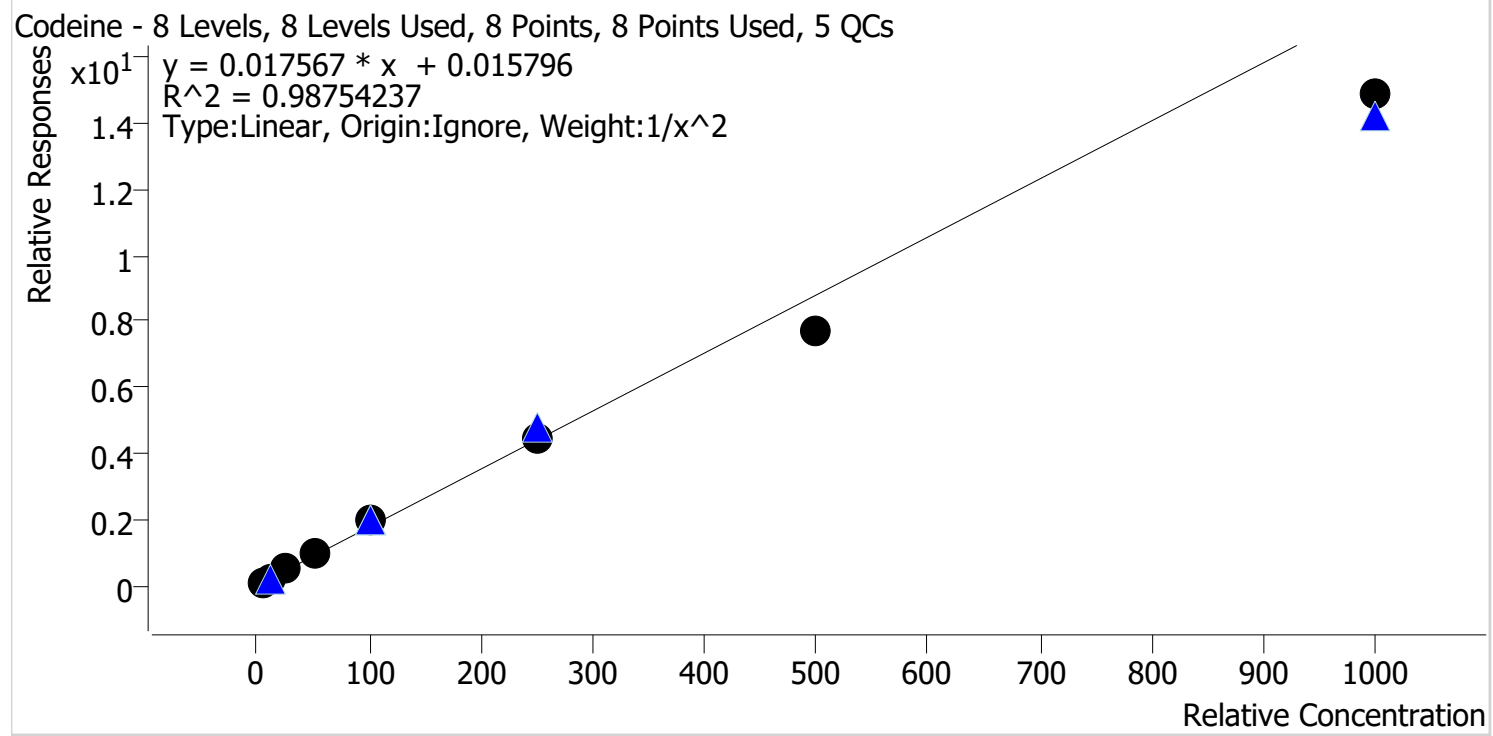


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1022.8	102.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



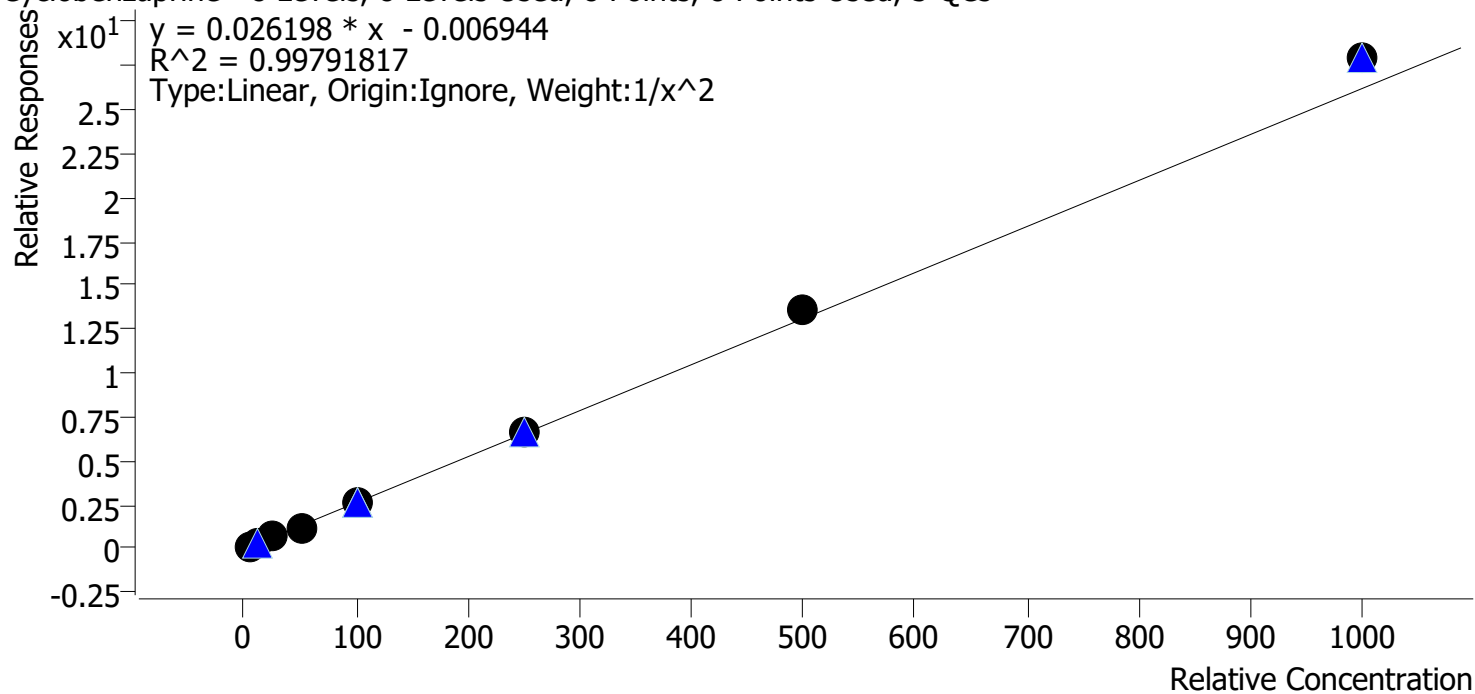
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	110.5	110.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	441.0	88.2
p1 Cal 8-1000ng	8	✓	1000.0	845.9	84.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



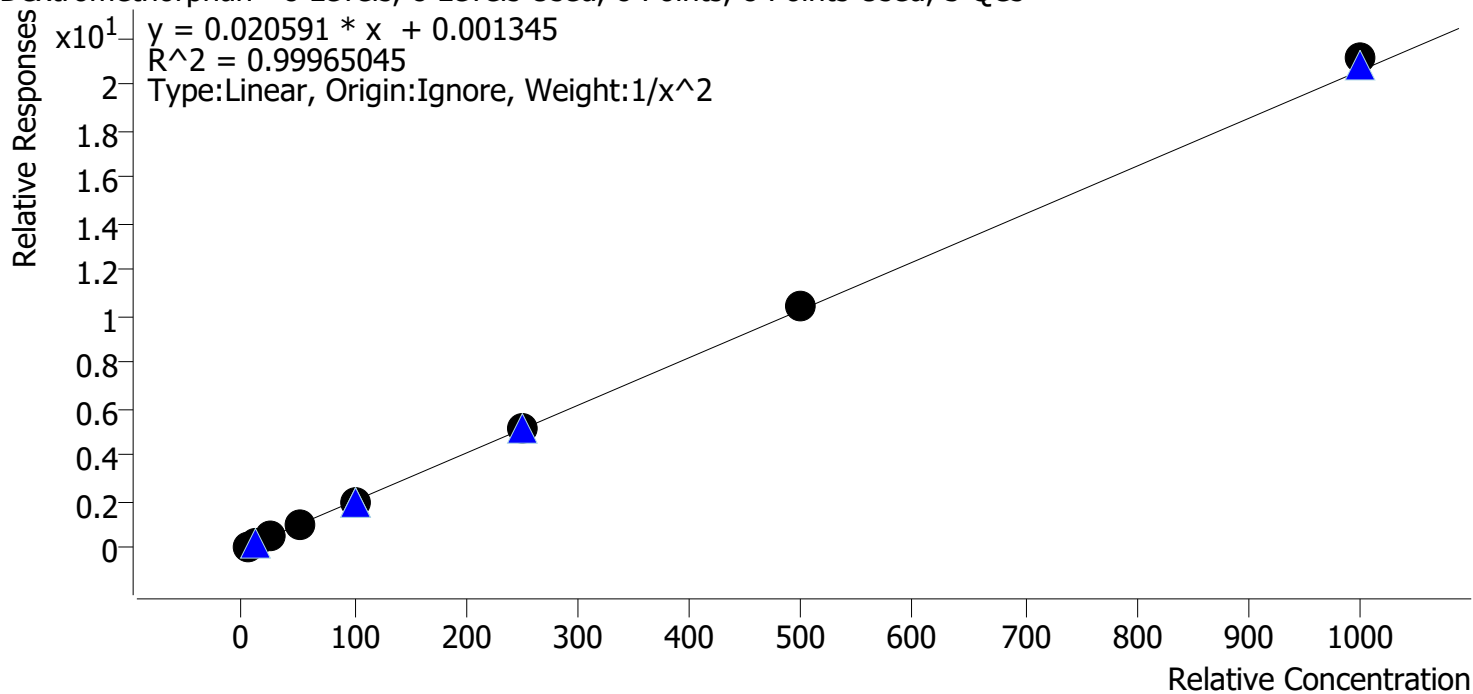
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	521.6	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1063.4	106.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



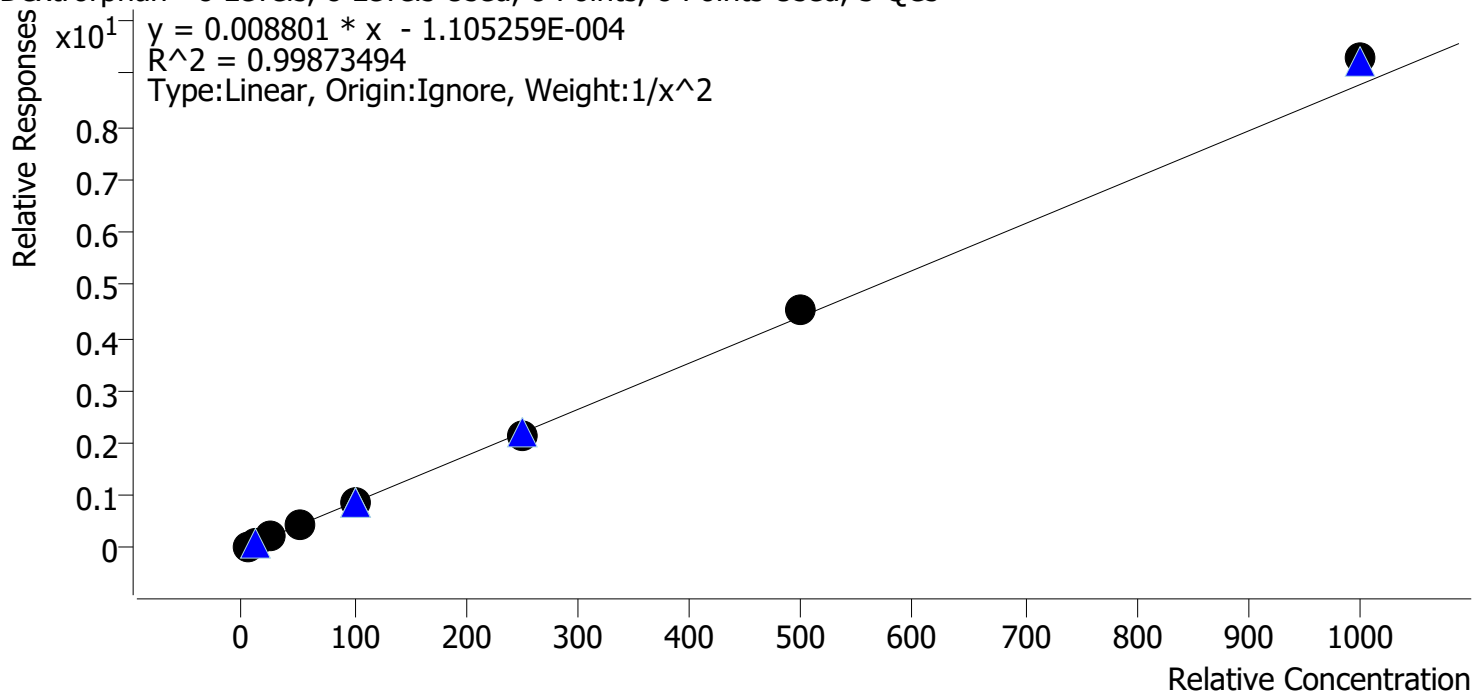
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1026.0	102.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



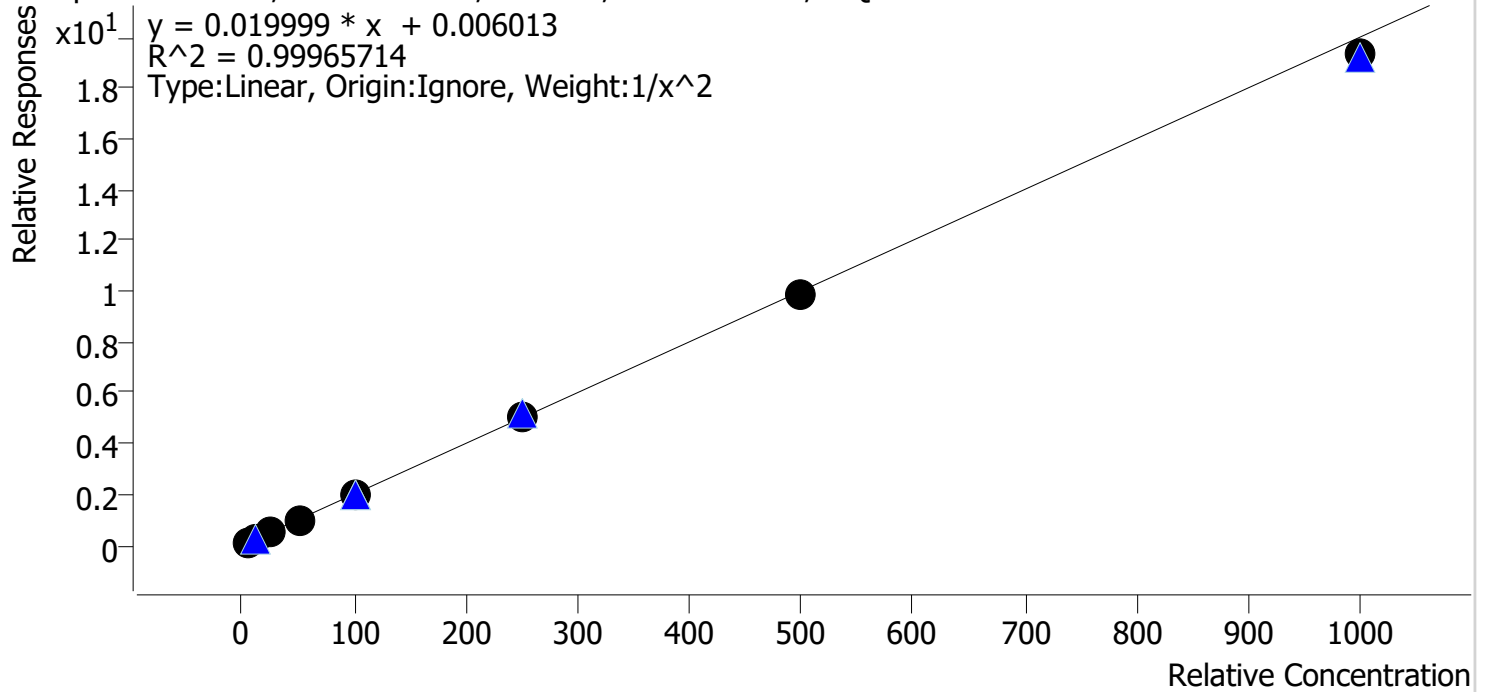
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1056.7	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



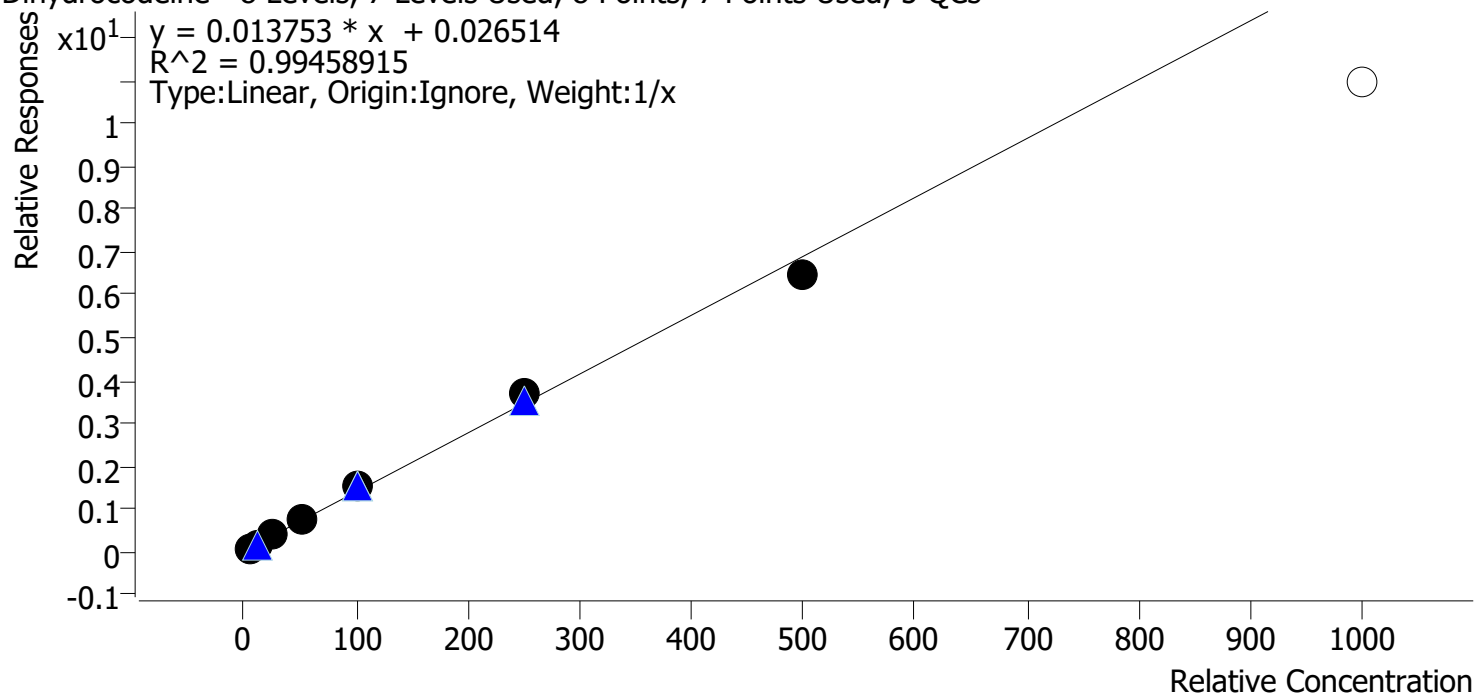
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	495.5	99.1
p1 Cal 8-1000ng	8	✓	1000.0	966.1	96.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.9	77.9
p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.1
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	265.8	106.3
p1 Cal 7-500ng	7	✓	500.0	470.6	94.1
p1 Cal 8-1000ng	8	✗	1000.0	793.1	79.3

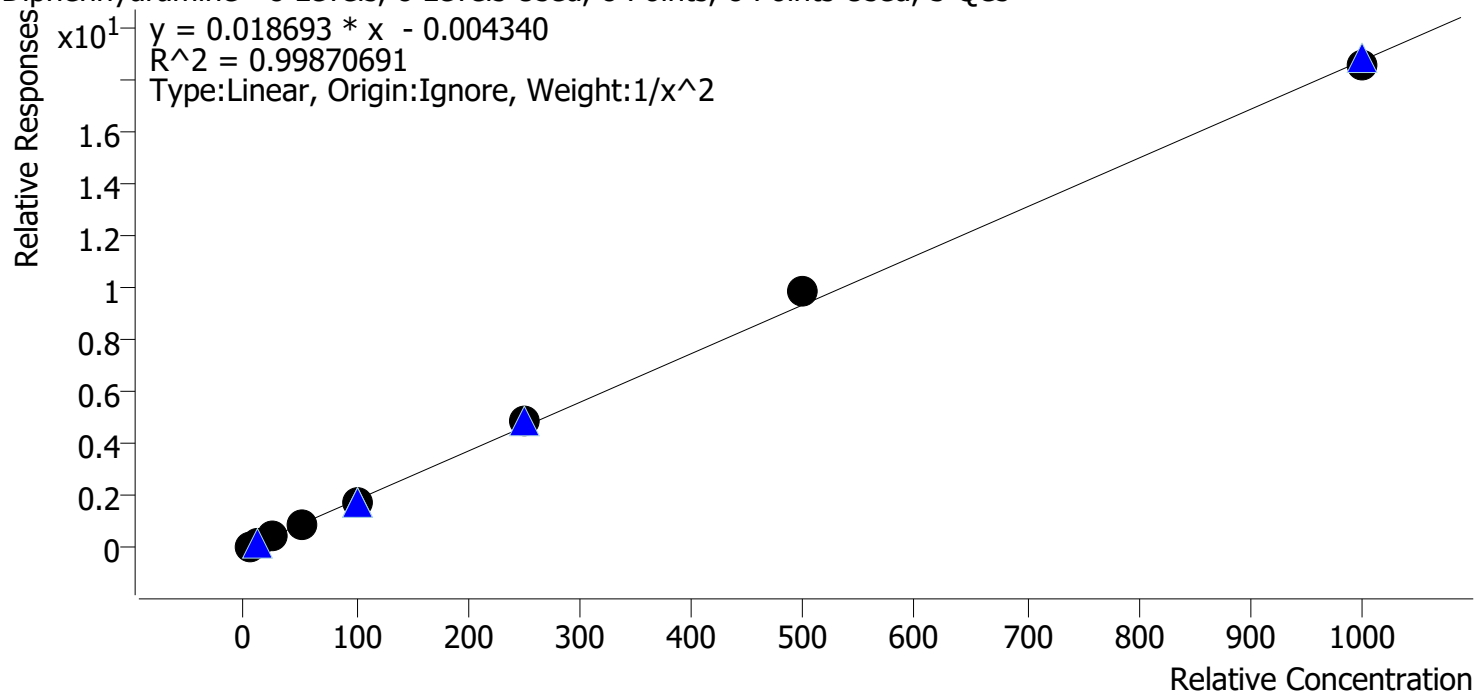
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



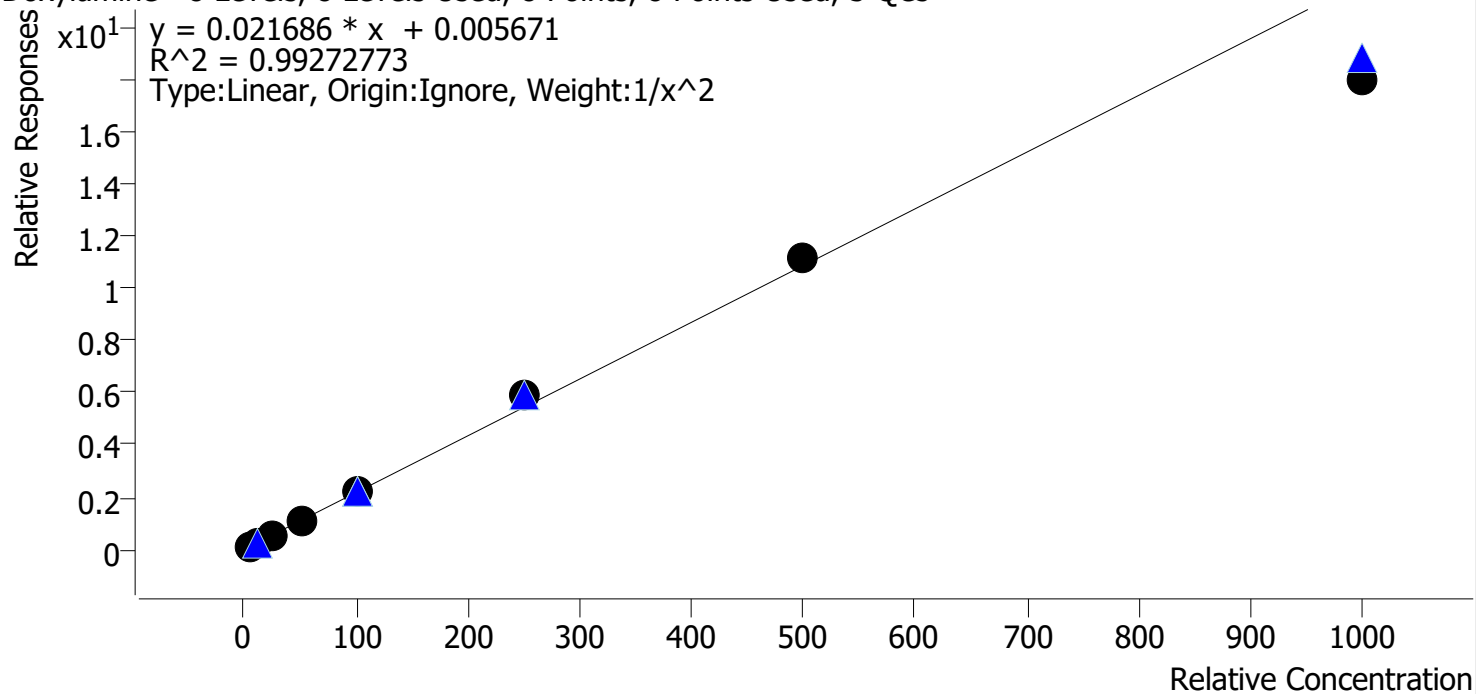
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	527.7	105.5
p1 Cal 8-1000ng	8	✓	1000.0	988.7	98.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

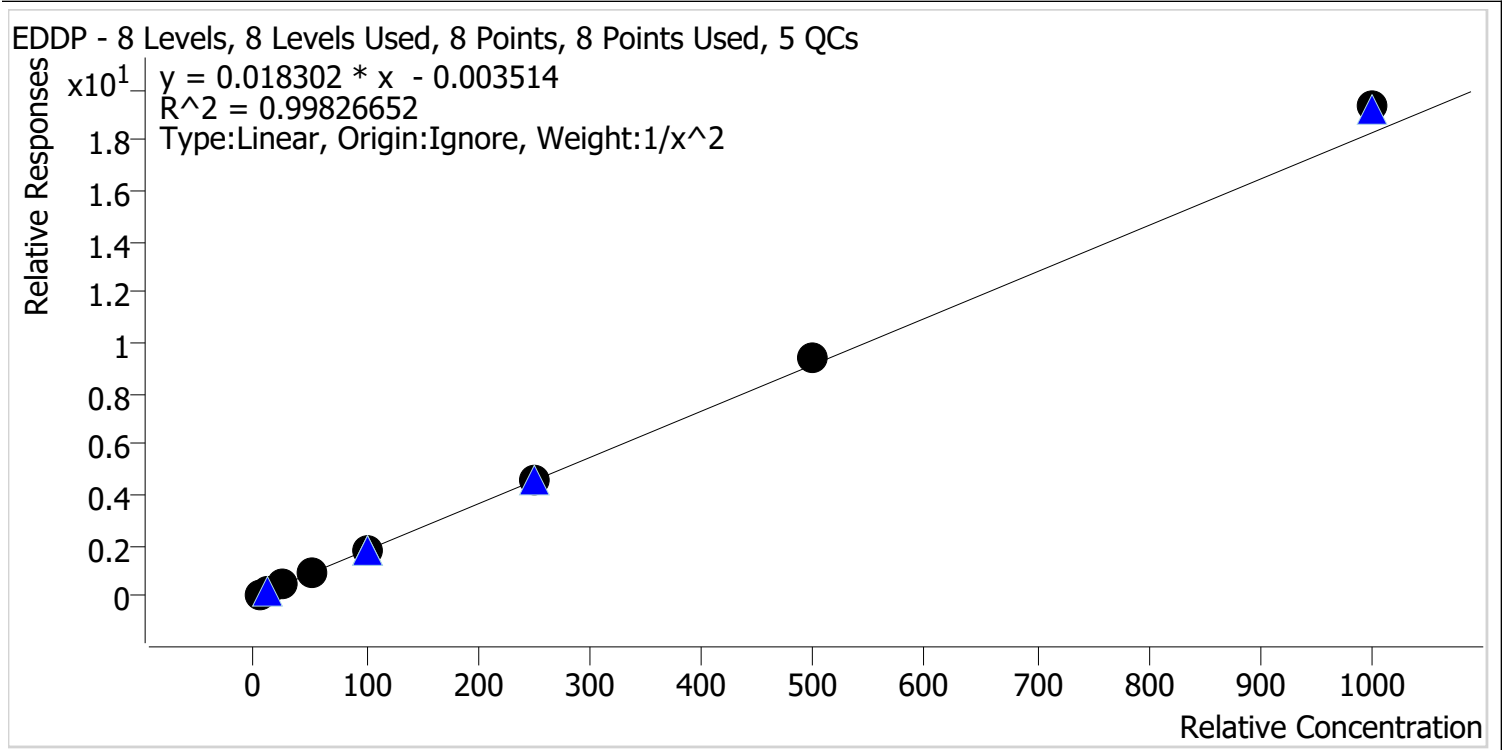


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	270.7	108.3
p1 Cal 7-500ng	7	✓	500.0	511.8	102.4
p1 Cal 8-1000ng	8	✓	1000.0	830.2	83.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3



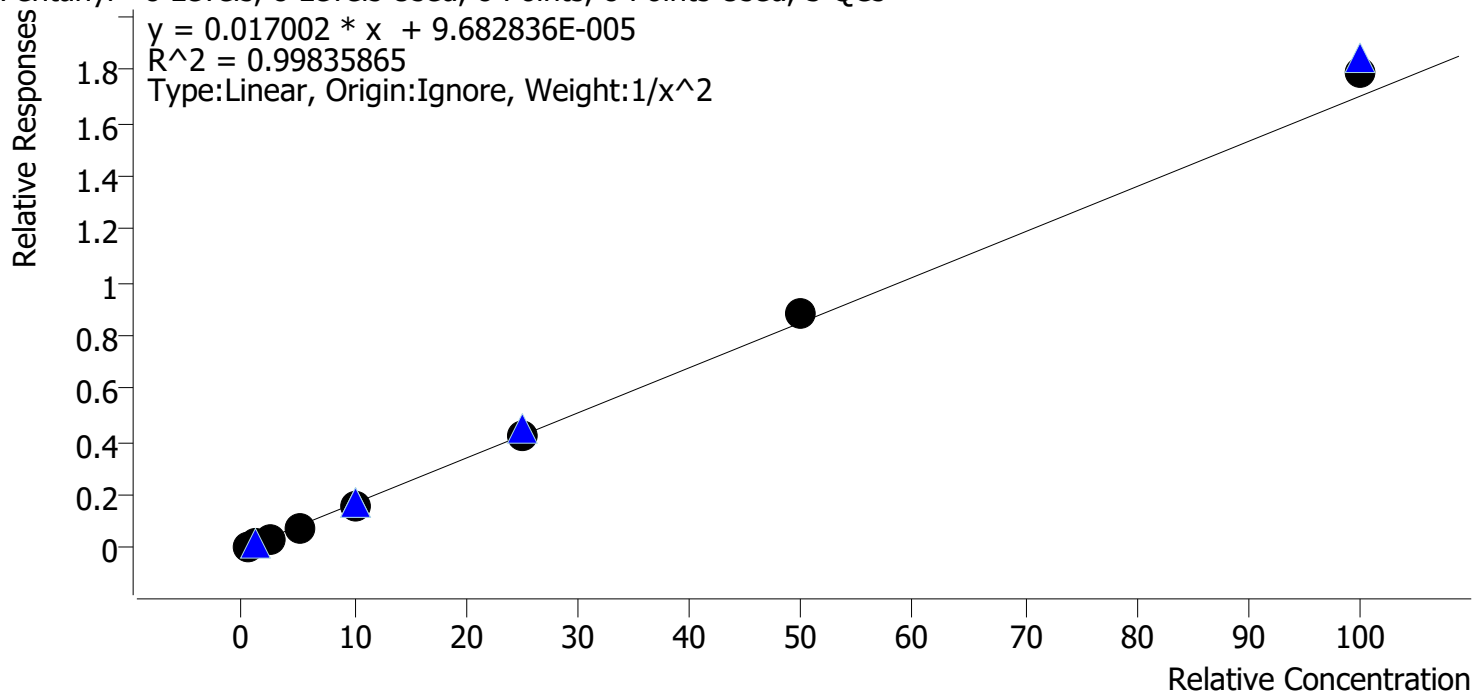
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1057.0	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	98.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.4
p1 Cal 5-100ng	5	✓	10.0	9.7	97.3
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	51.9	103.8
p1 Cal 8-1000ng	8	✓	100.0	105.6	105.6



AM #28 Multi-Drug Quant. Calibration Curve Report

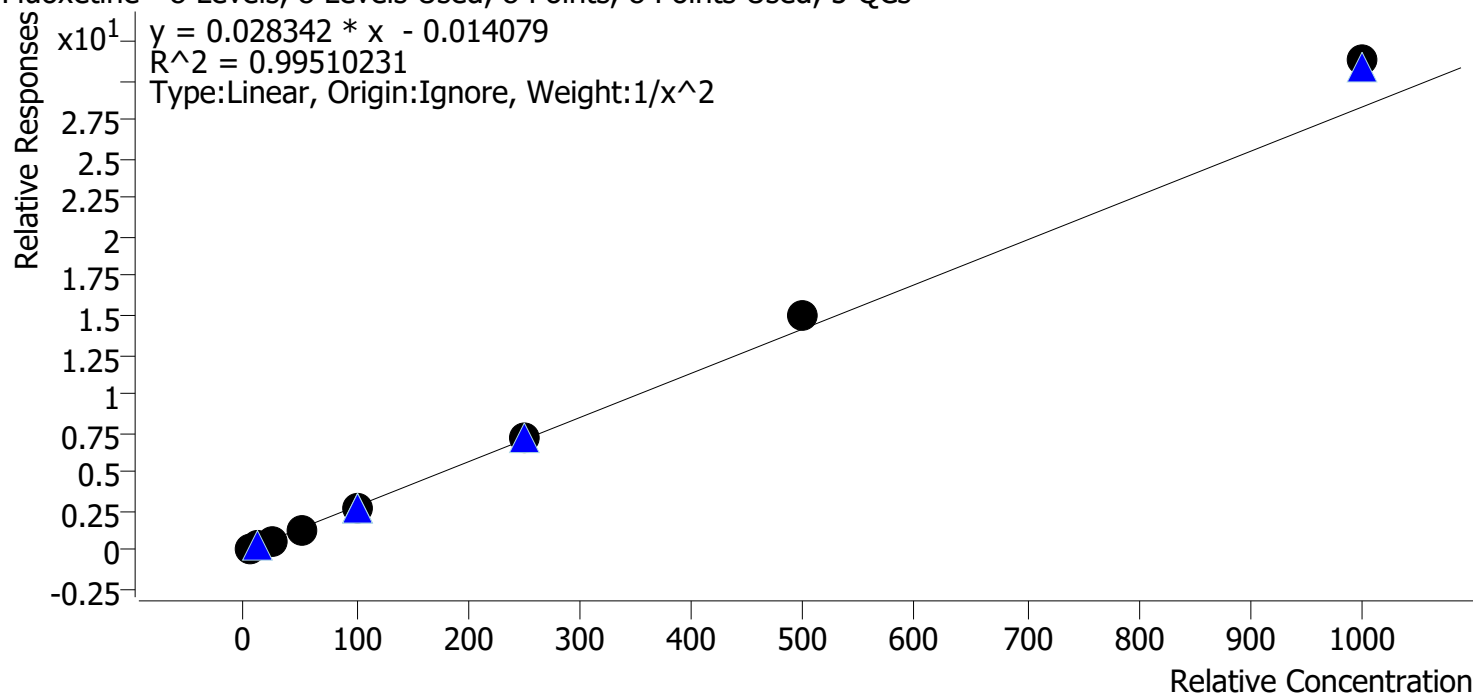
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	526.8	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1105.3	110.5

AM #28 Multi-Drug Quant. Calibration Curve Report

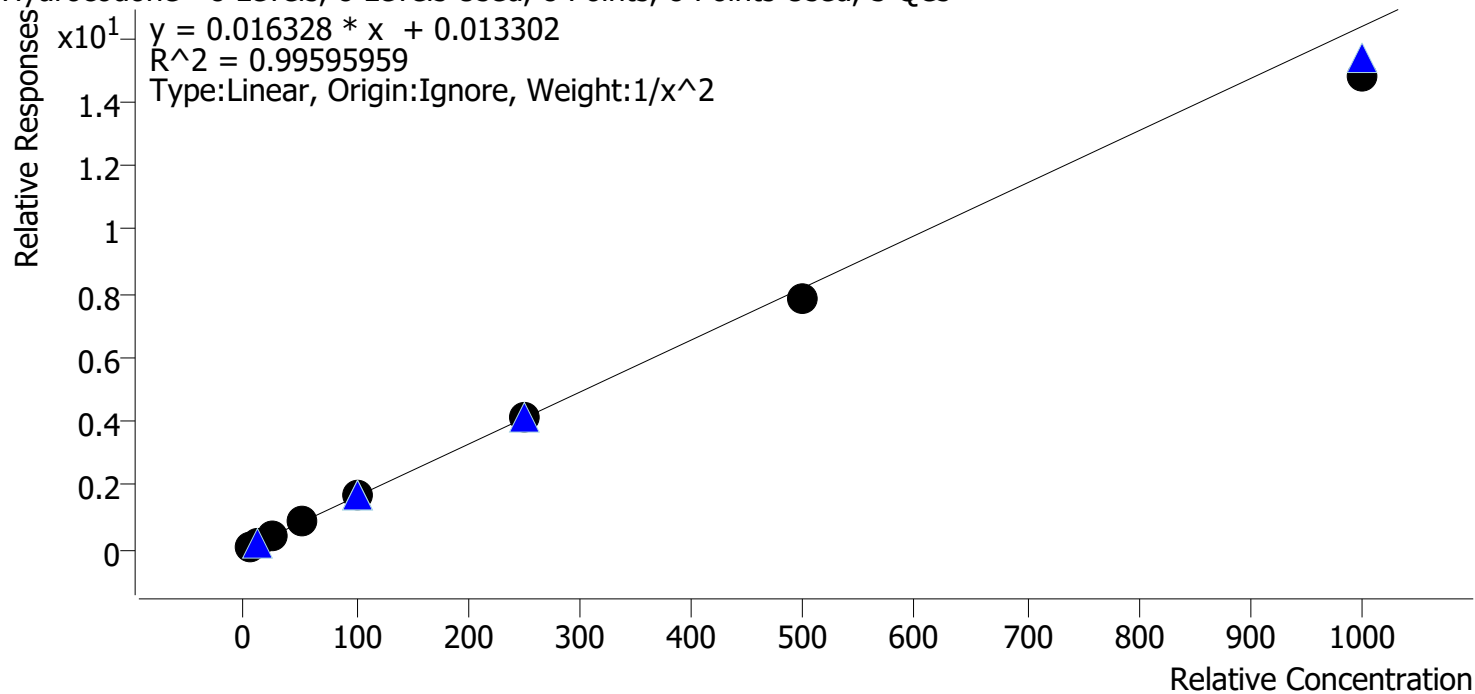
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

Hydrocodone - 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	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	475.6	95.1
p1 Cal 8-1000ng	8	✓	1000.0	904.3	90.4

AM #28 Multi-Drug Quant. Calibration Curve Report

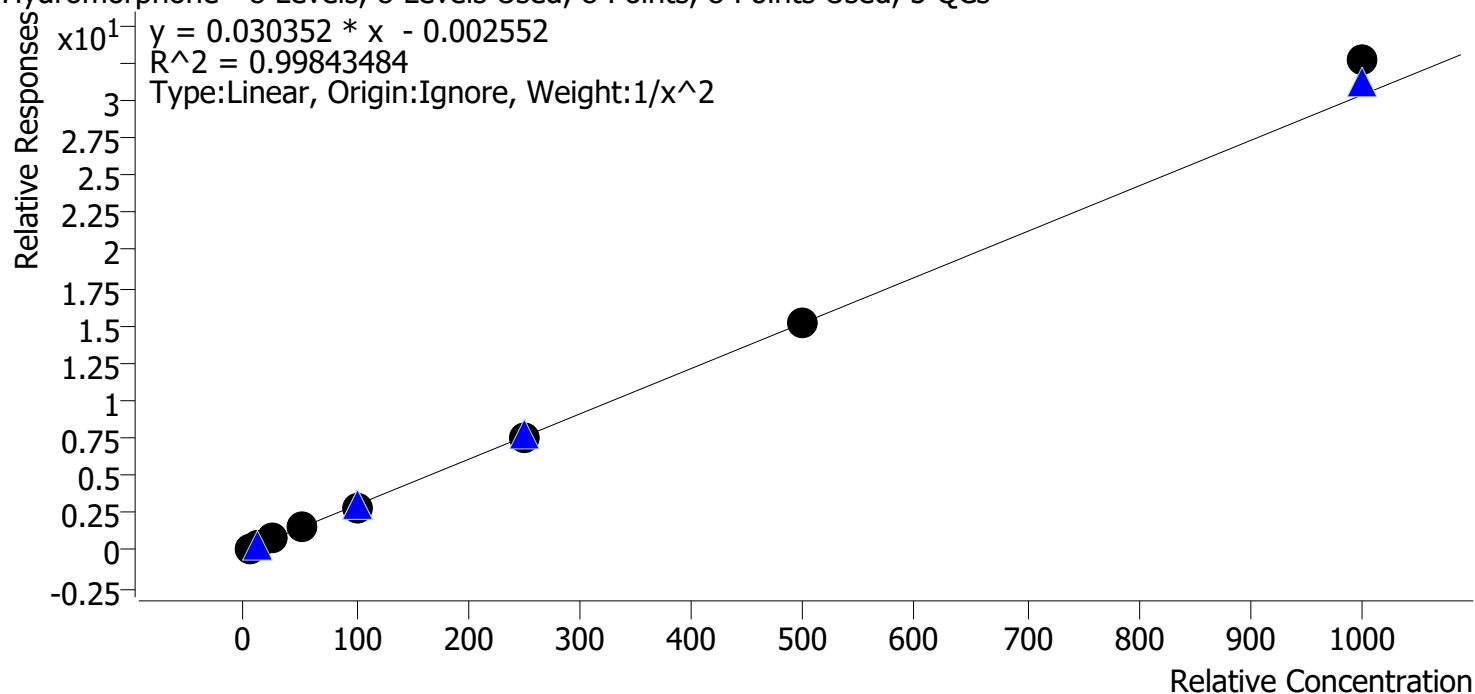
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



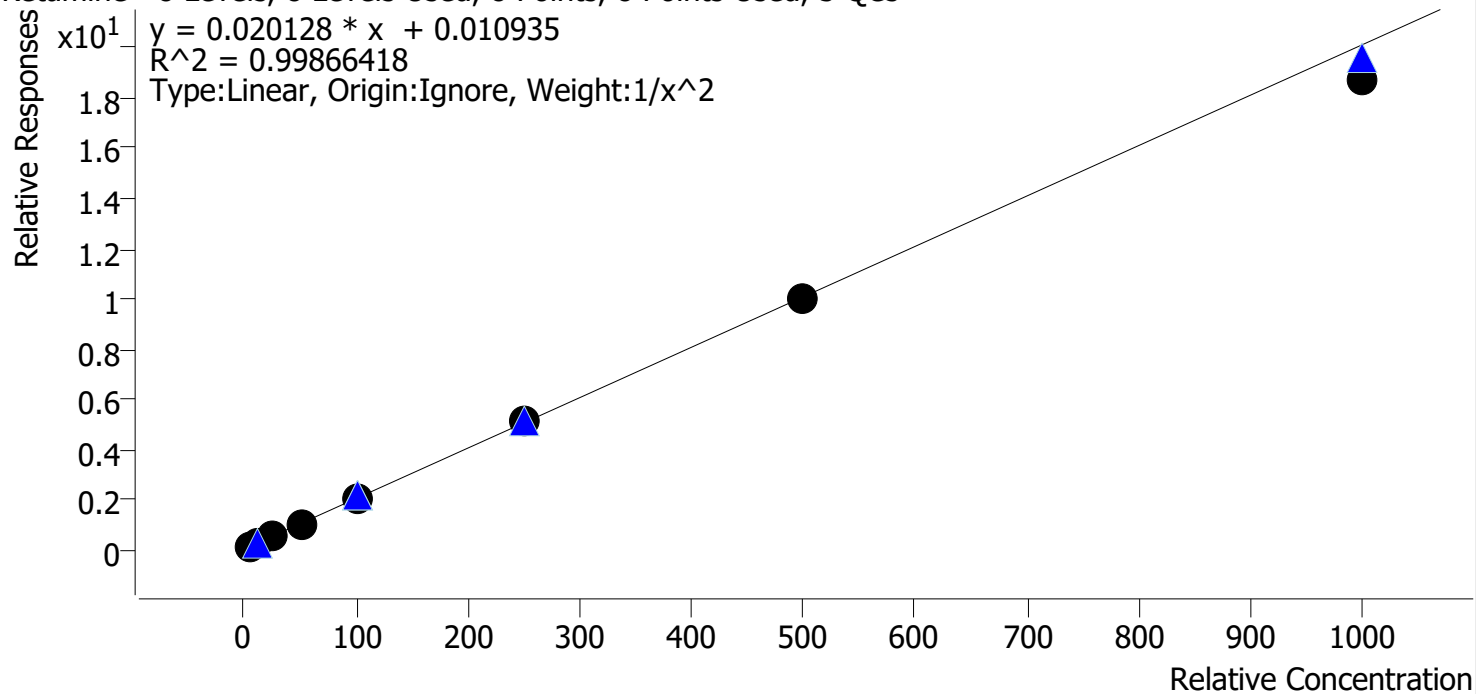
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	502.0	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1076.1	107.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

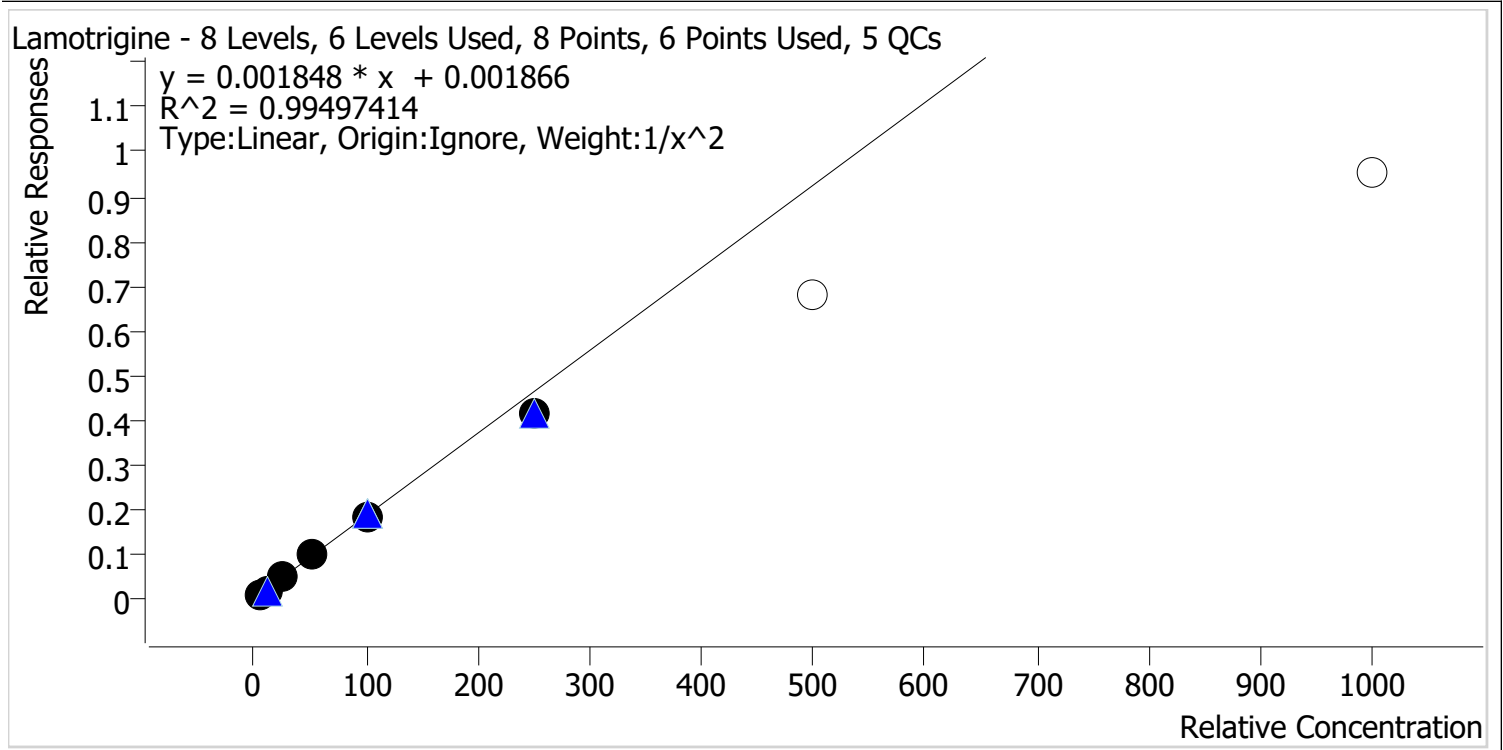


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	493.1	98.6
p1 Cal 8-1000ng	8	✓	1000.0	932.5	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	97.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	225.0	90.0
p1 Cal 7-500ng	7	✗	500.0	367.5	73.5
p1 Cal 8-1000ng	8	✗	1000.0	513.3	51.3

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.

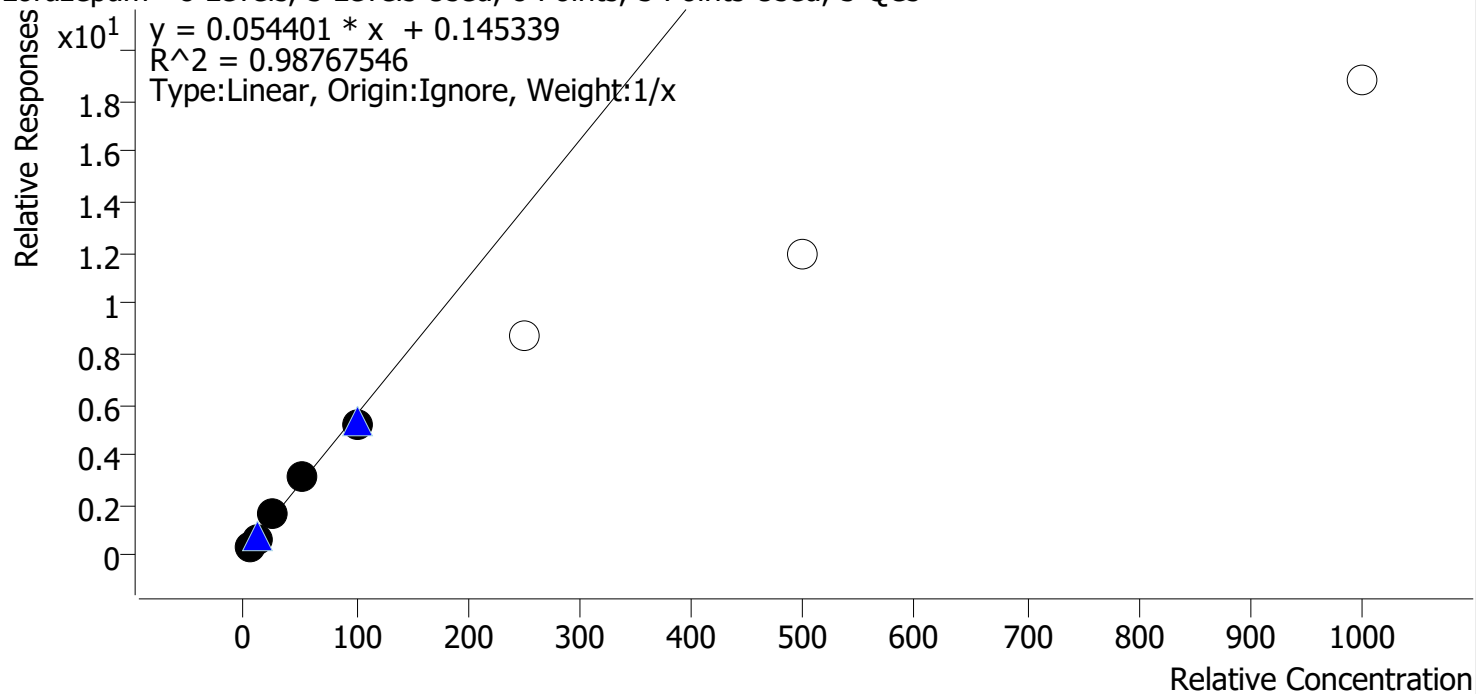
CJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



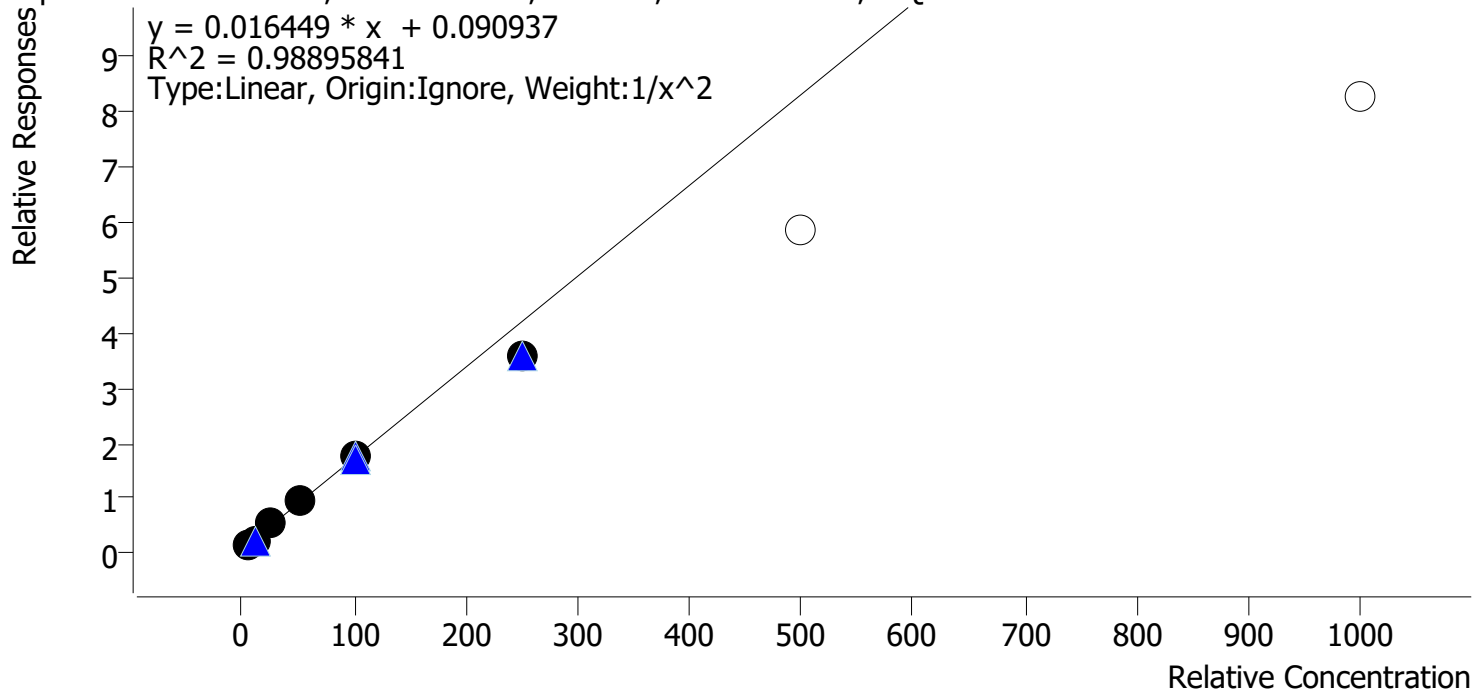
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	86.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	28.4	113.6
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	92.8	92.8
p1 Cal 6-250ng	6	x	250.0	157.6	63.1
p1 Cal 7-500ng	7	x	500.0	216.9	43.4
p1 Cal 8-1000ng	8	x	1000.0	344.2	34.4

Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	213.9	85.6
p1 Cal 7-500ng	7	✗	500.0	350.4	70.1
p1 Cal 8-1000ng	8	✗	1000.0	497.0	49.7

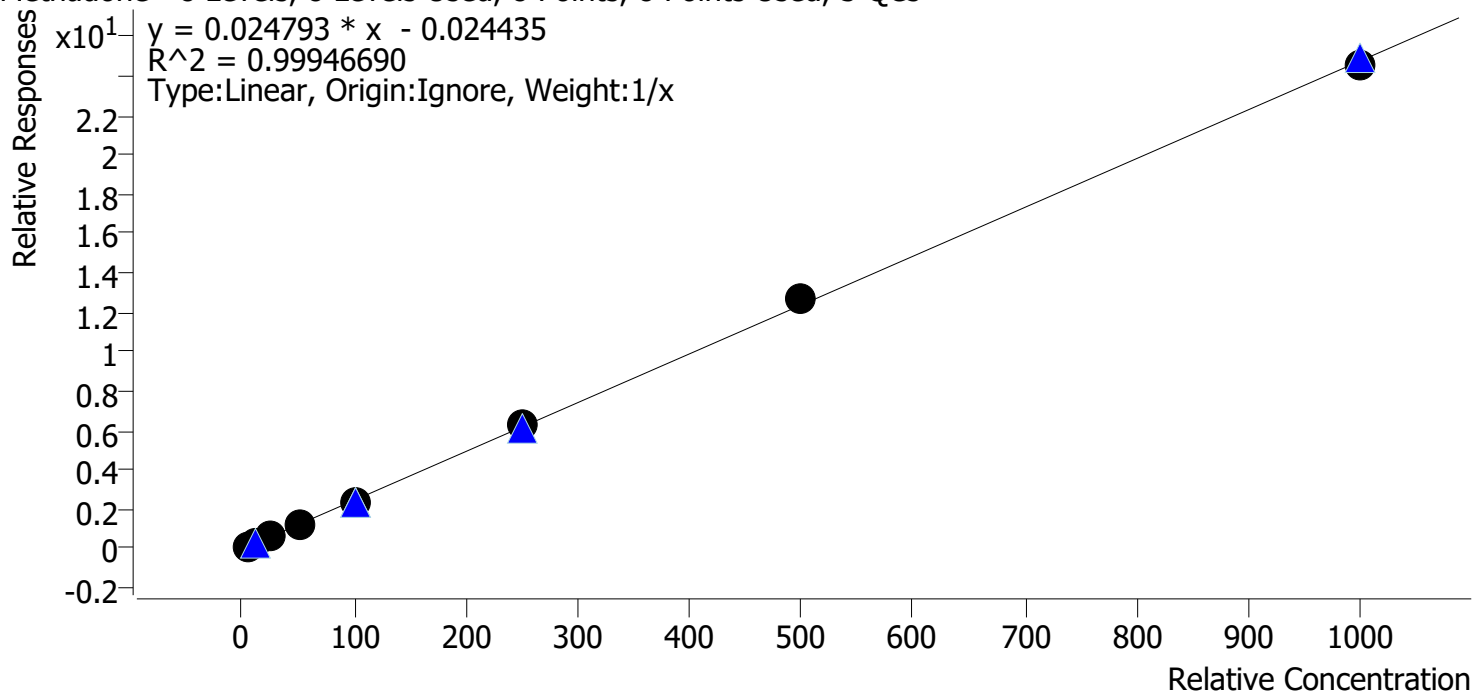
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	5.5	110.5
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	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	514.7	102.9
p1 Cal 8-1000ng	8	✓	1000.0	990.2	99.0

AM #28 Multi-Drug Quant. Calibration Curve Report

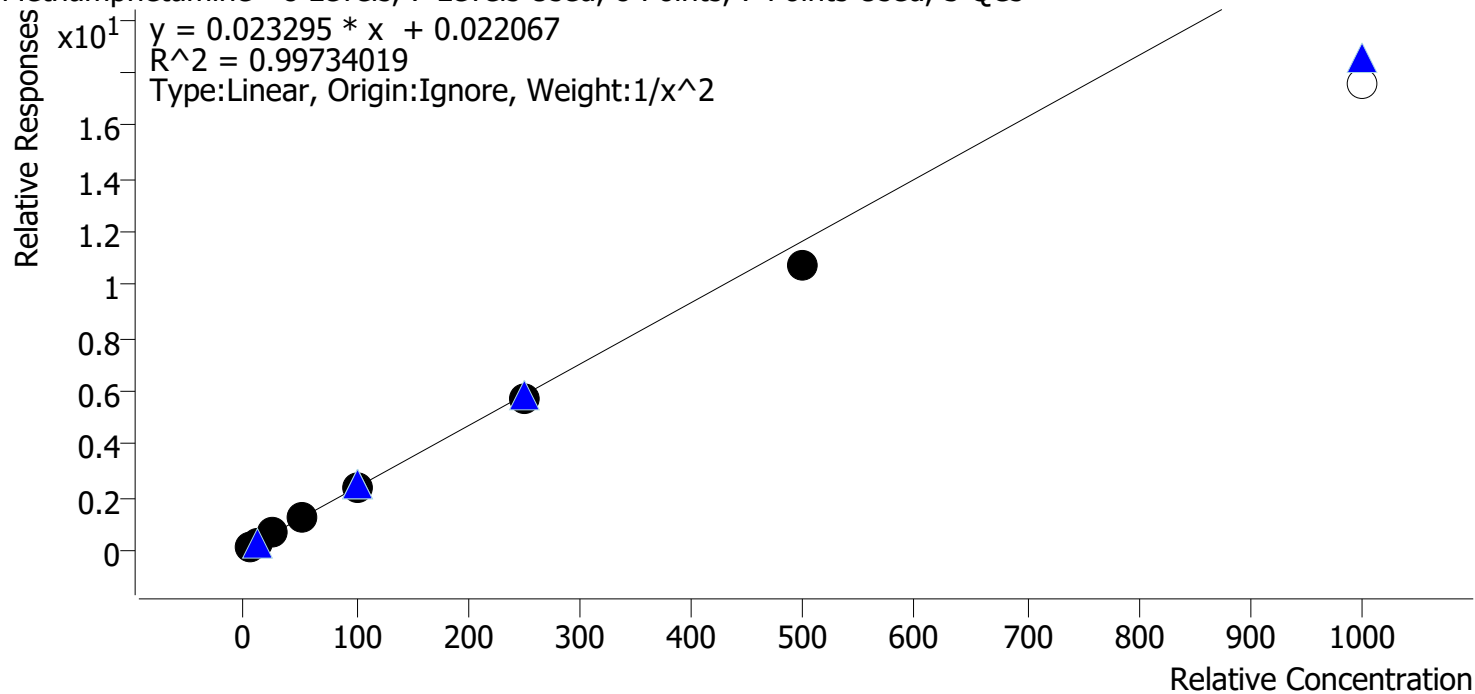
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	245.4	98.1
p1 Cal 7-500ng	7	✓	500.0	459.3	91.9
p1 Cal 8-1000ng	8	✗	1000.0	754.7	75.5

NOT EVALUATED.

AM #28 Multi-Drug Quant. Calibration Curve Report

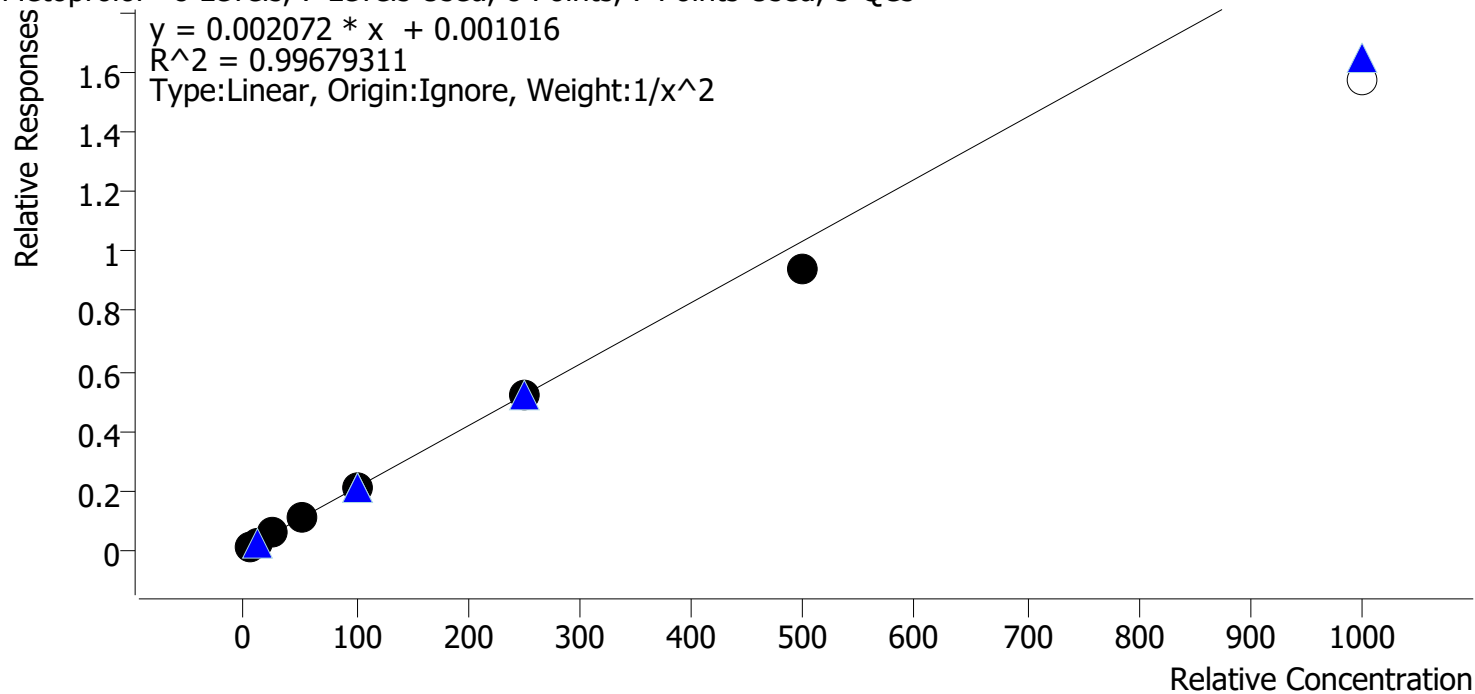
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



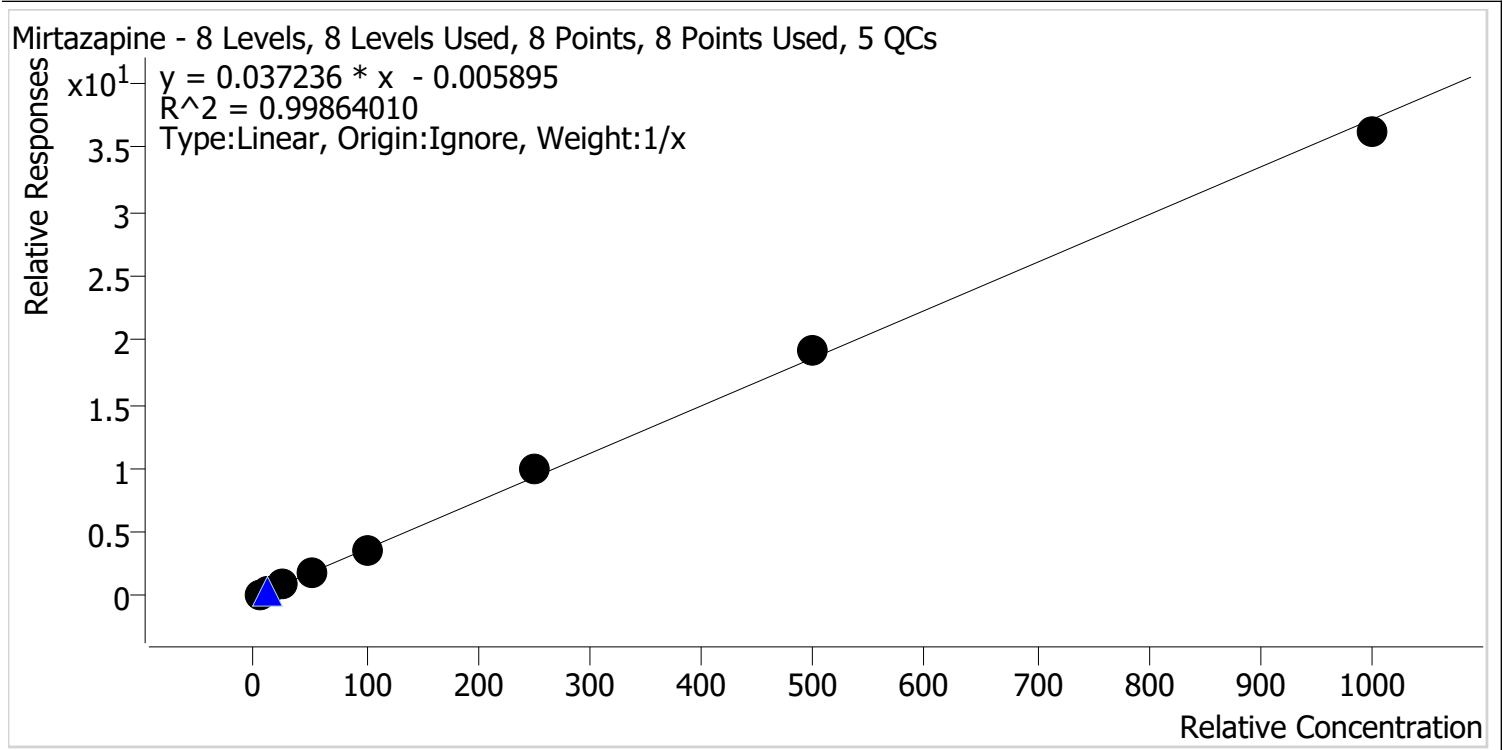
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	452.1	90.4
p1 Cal 8-1000ng	8	✗	1000.0	760.8	76.1

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	263.9	105.6
p1 Cal 7-500ng	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng	8	✓	1000.0	970.7	97.1

AM #28 Multi-Drug Quant. Calibration Curve Report

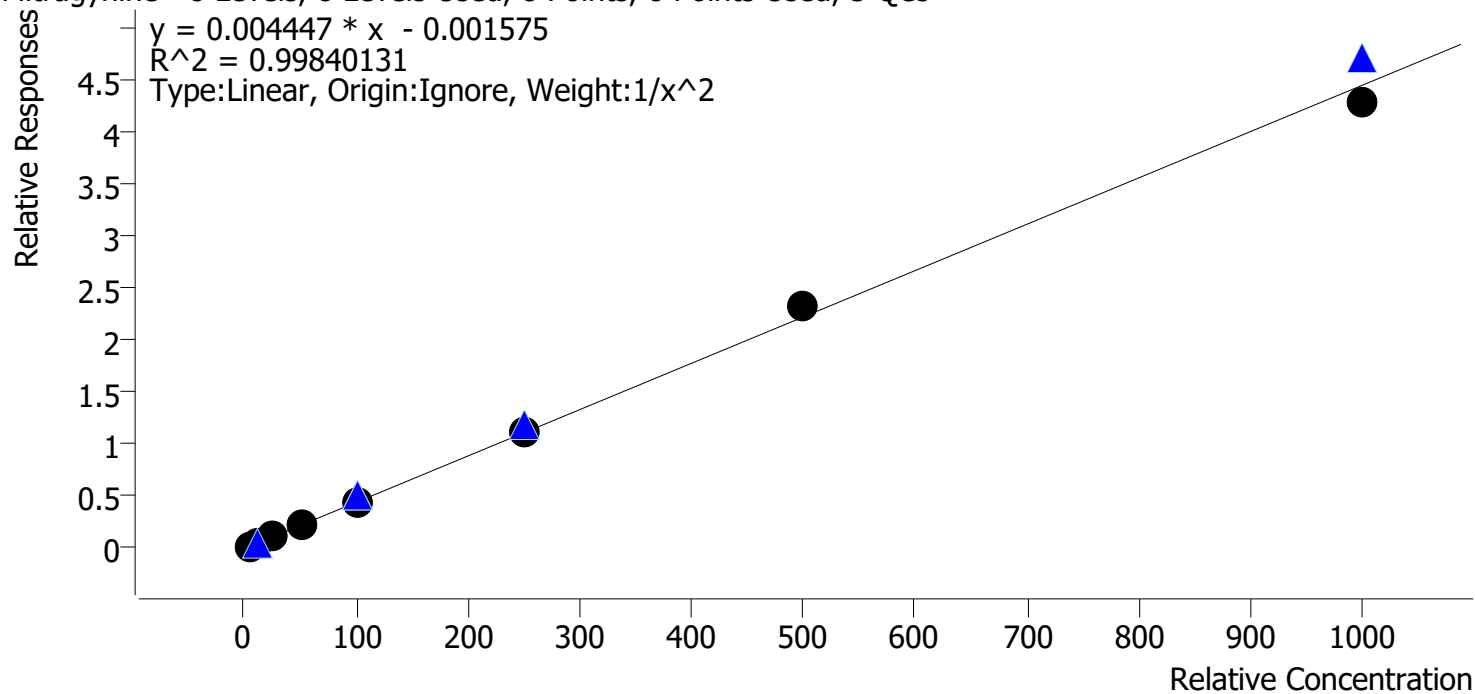
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	521.9	104.4
p1 Cal 8-1000ng	8	✓	1000.0	959.8	96.0

AM #28 Multi-Drug Quant. Calibration Curve Report

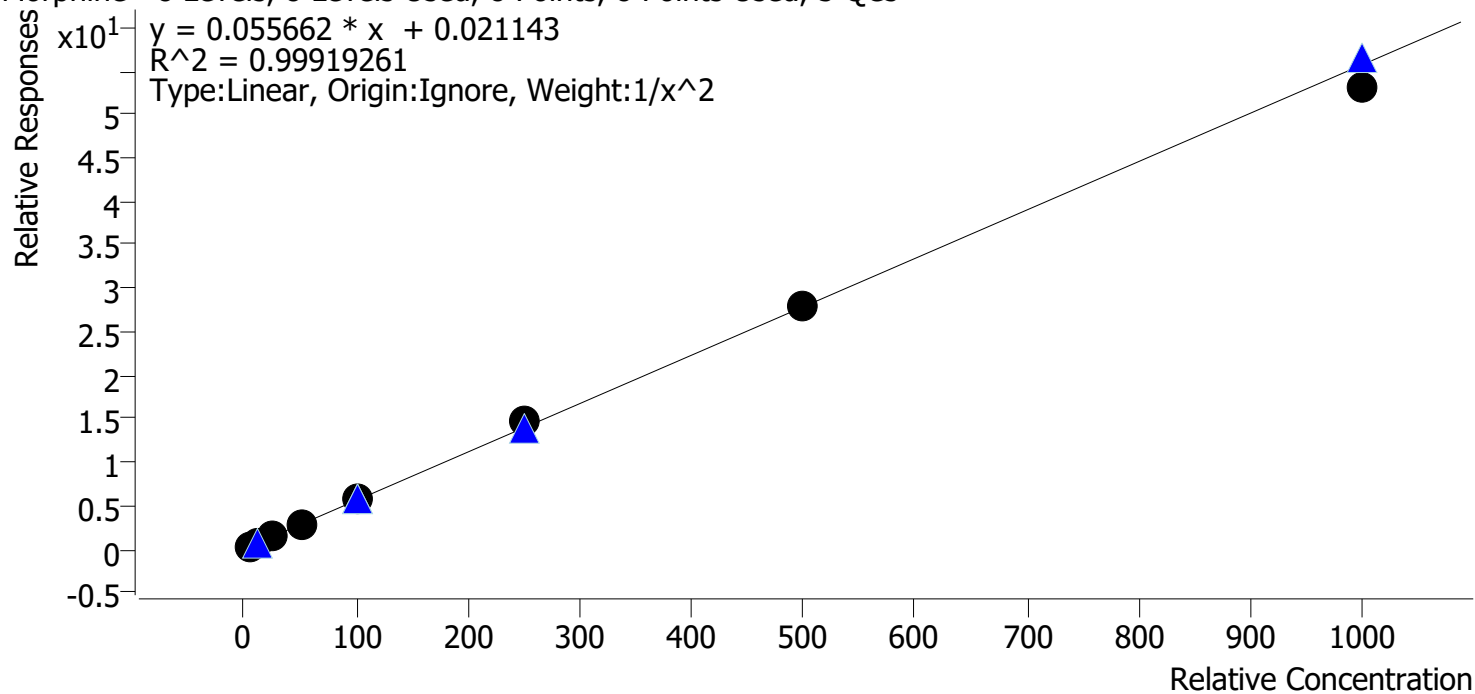
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Morphine **Internal Standard** Morphine-D6

Morphine - 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	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	260.7	104.3
p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
p1 Cal 8-1000ng	8	✓	1000.0	957.3	95.7

AM #28 Multi-Drug Quant. Calibration Curve Report

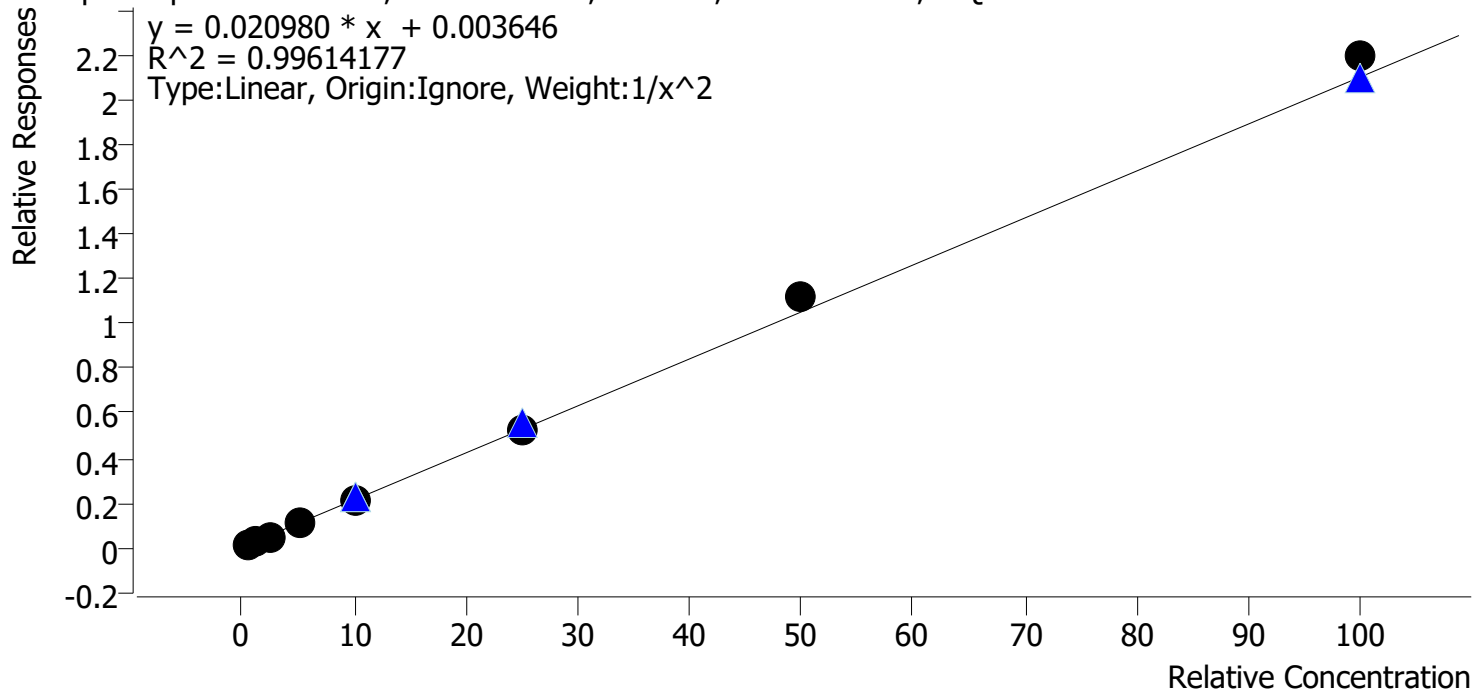
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 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	0.9	94.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.7
p1 Cal 4-50ng	4	✓	5.0	5.1	102.3
p1 Cal 5-100ng	5	✓	10.0	9.9	98.8
p1 Cal 6-250ng	6	✓	25.0	24.9	99.4
p1 Cal 7-500ng	7	✓	50.0	52.9	105.8
p1 Cal 8-1000ng	8	✓	100.0	104.4	104.4

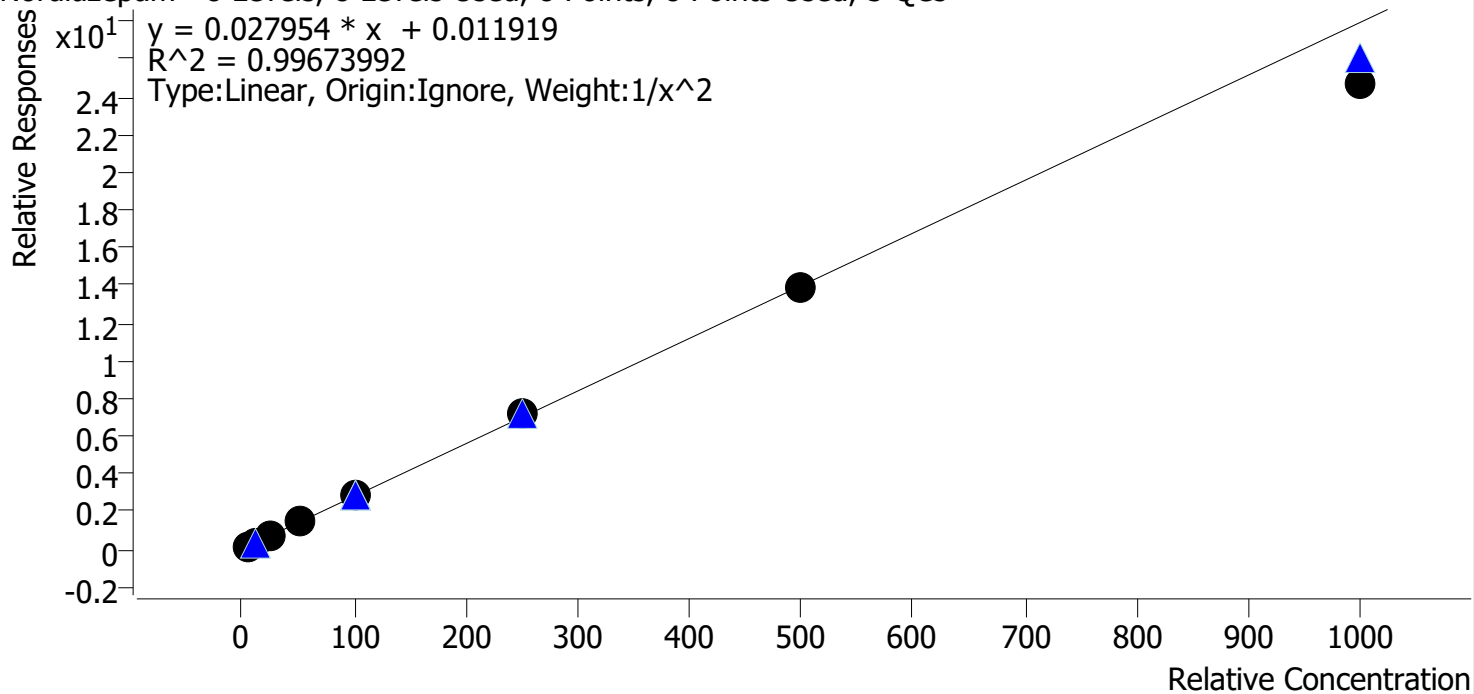
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

Nordiazepam - 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	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
p1 Cal 8-1000ng	8	✓	1000.0	886.4	88.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

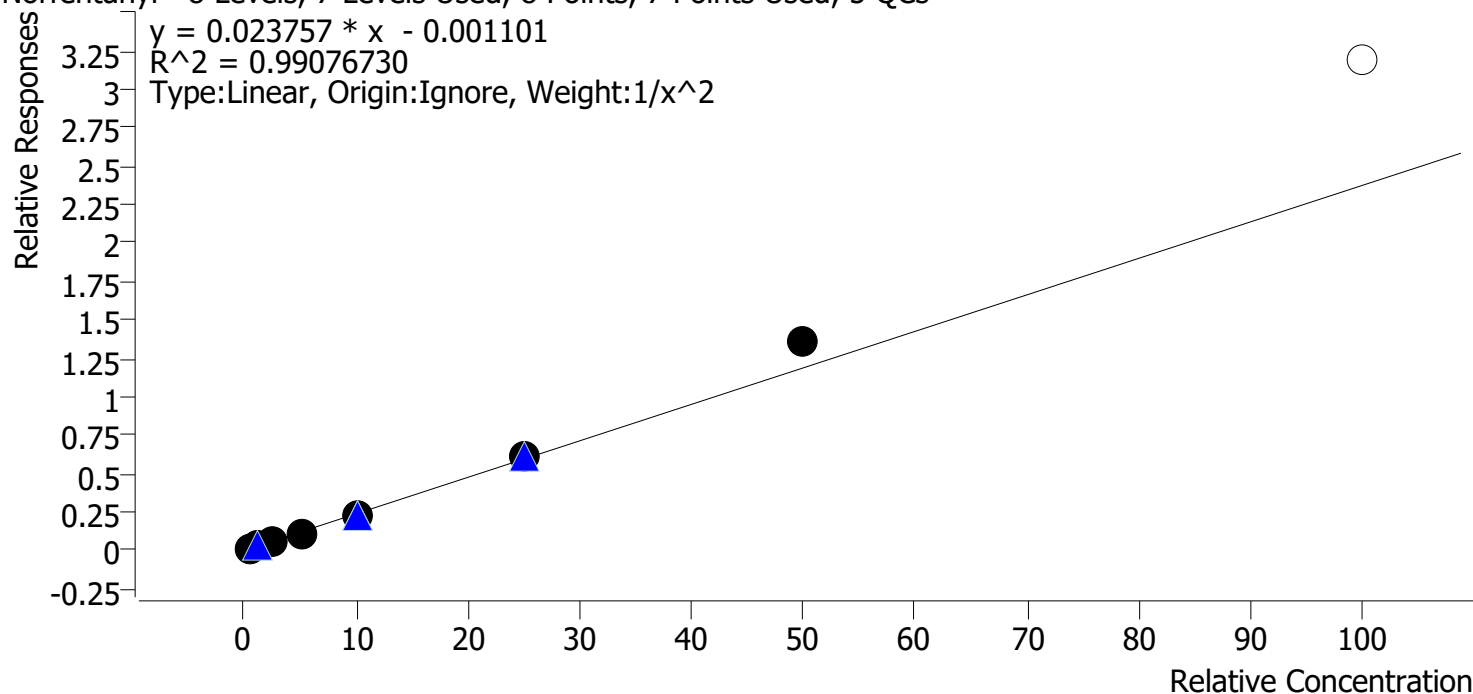
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

Norfentanyl - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.8
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.6
p1 Cal 4-50ng	4	✓	5.0	4.6	93.0
p1 Cal 5-100ng	5	✓	10.0	9.5	95.0
p1 Cal 6-250ng	6	✓	25.0	25.9	103.5
p1 Cal 7-500ng	7	✓	50.0	57.7	115.3
p1 Cal 8-1000ng	8	✗	100.0	134.3	134.3

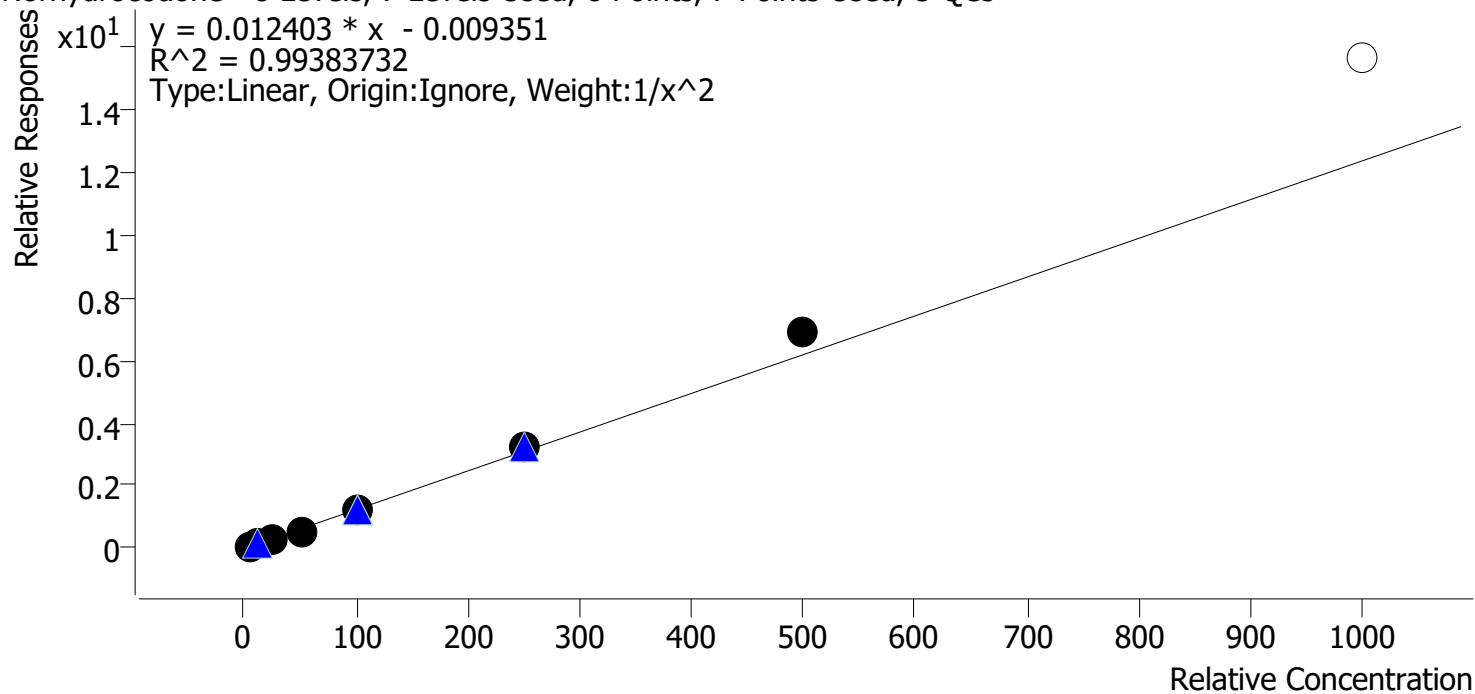
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
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	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	555.4	111.1
p1 Cal 8-1000ng	8	✗	1000.0	1264.9	126.5

Calibrator 8 dropped due to not meeting accuracy requirement.

AM #28 Multi-Drug Quant. Calibration Curve Report

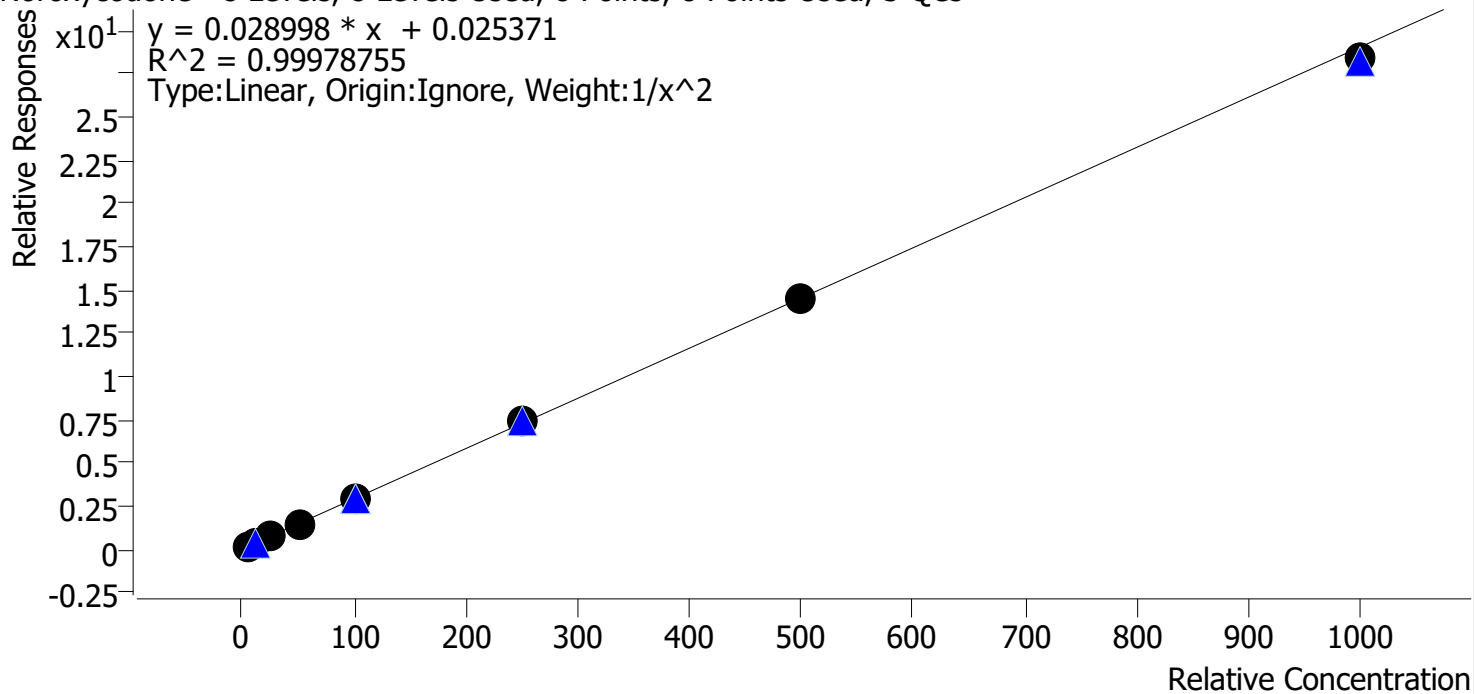
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

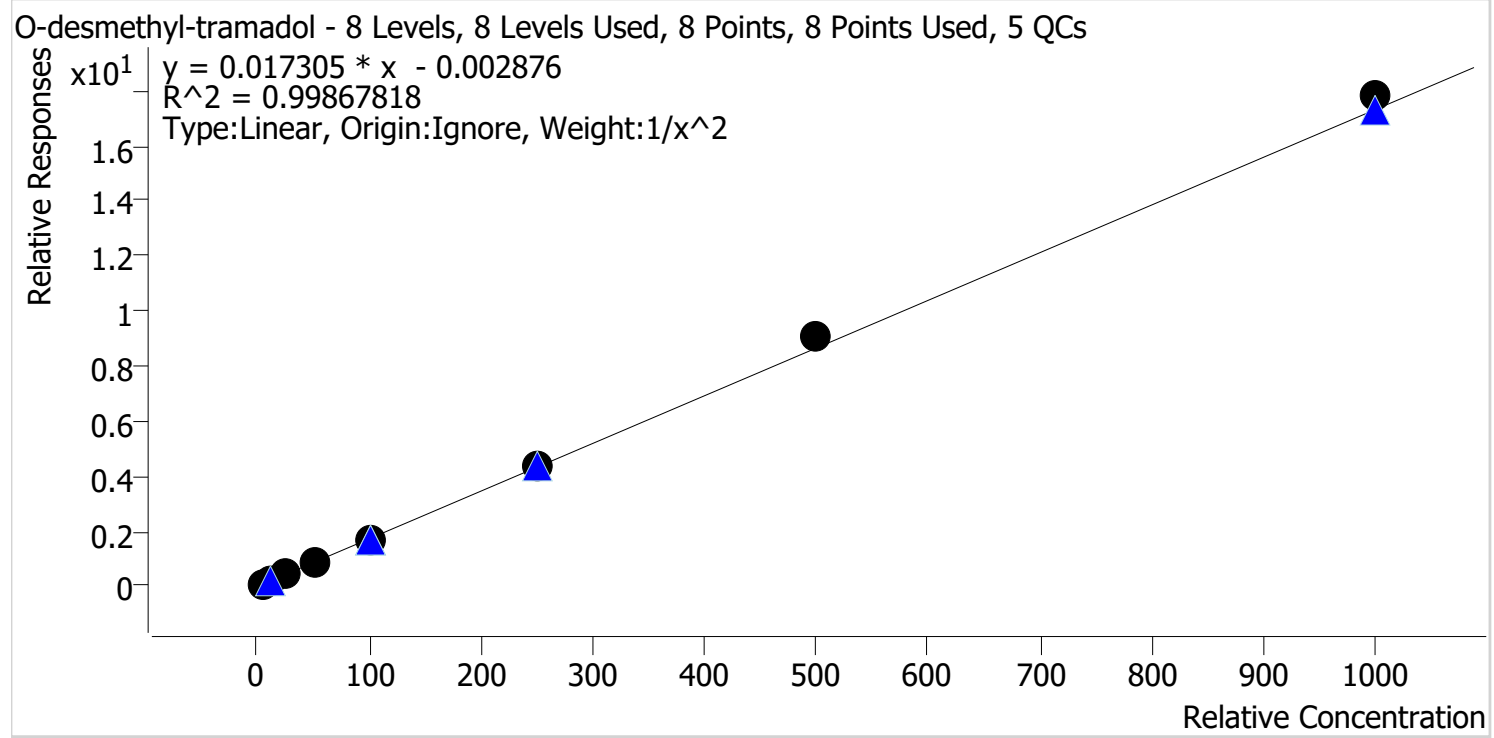


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	977.6	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	254.9	101.9
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1028.8	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

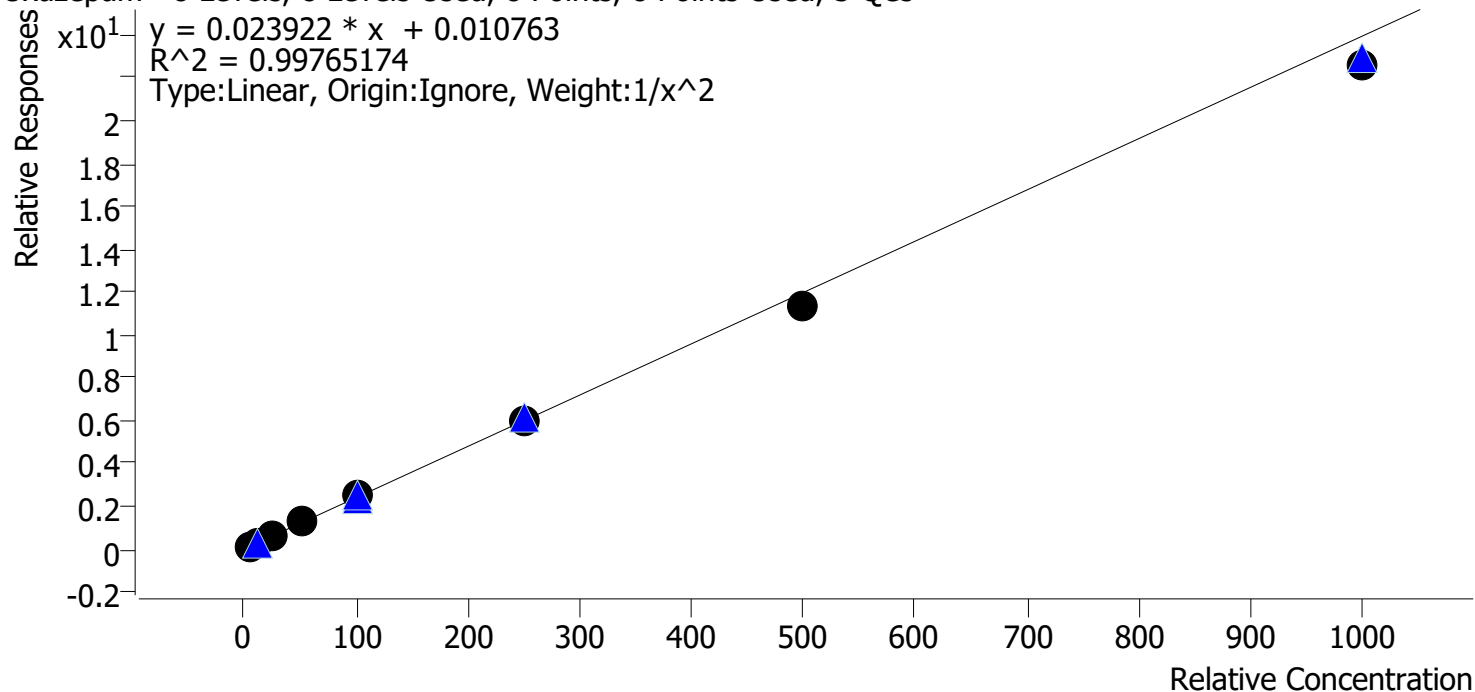
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



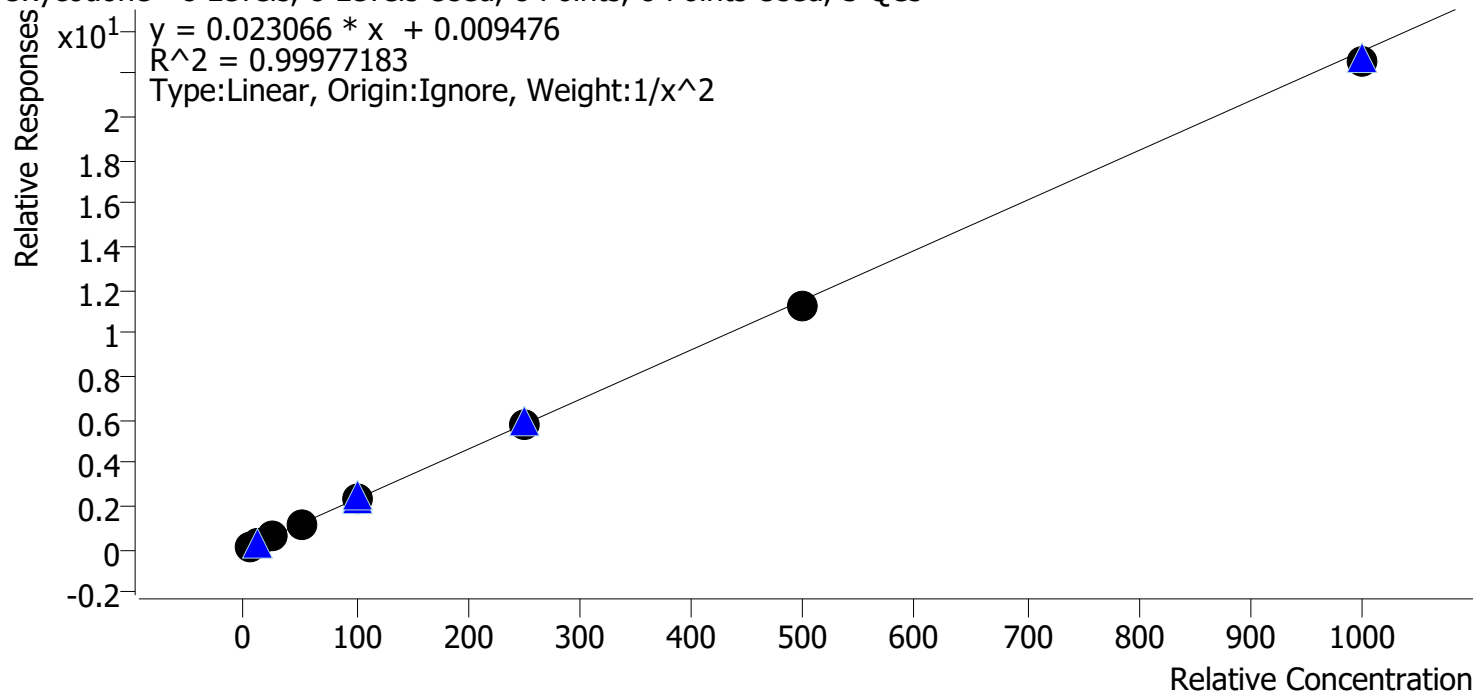
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	471.7	94.3
p1 Cal 8-1000ng	8	✓	1000.0	941.5	94.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 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	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	980.5	98.0

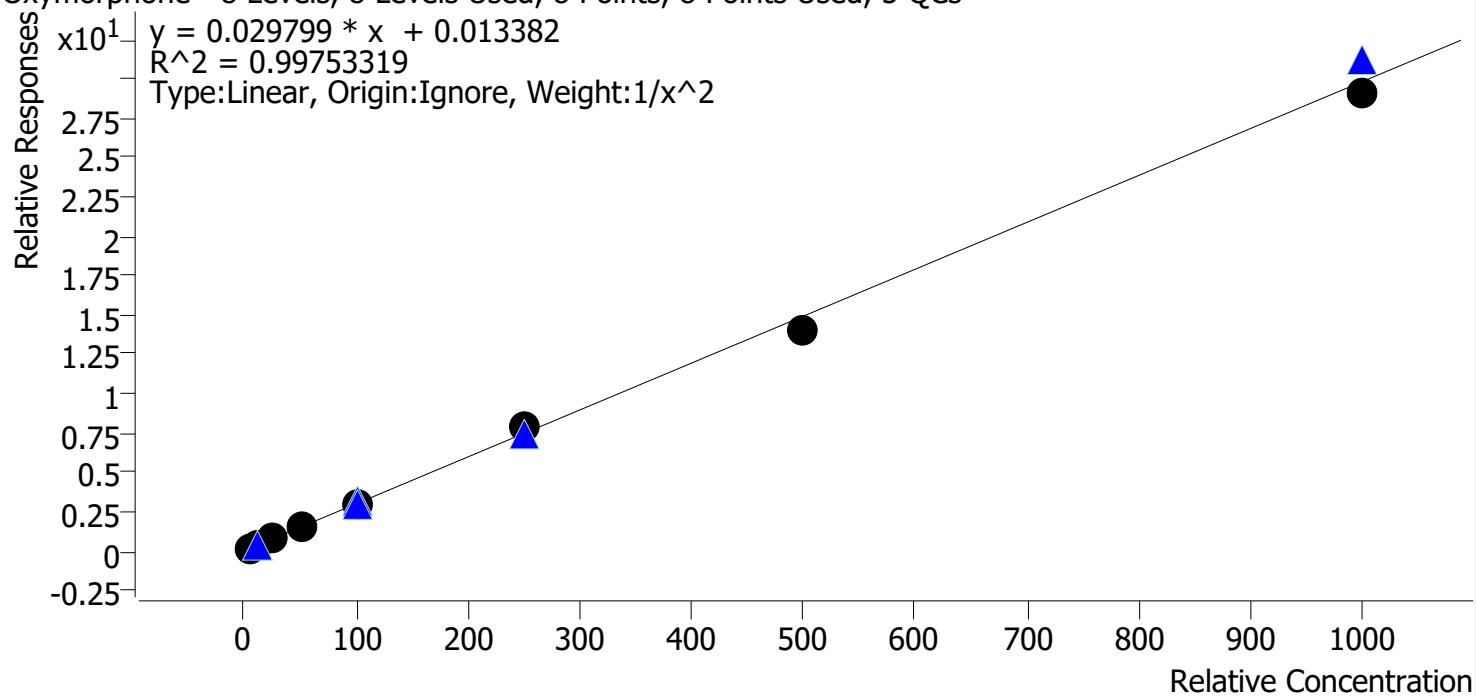
Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 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	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	268.1	107.2
p1 Cal 7-500ng	7	✓	500.0	472.0	94.4
p1 Cal 8-1000ng	8	✓	1000.0	979.5	97.9



AM #28 Multi-Drug Quant. Calibration Curve Report

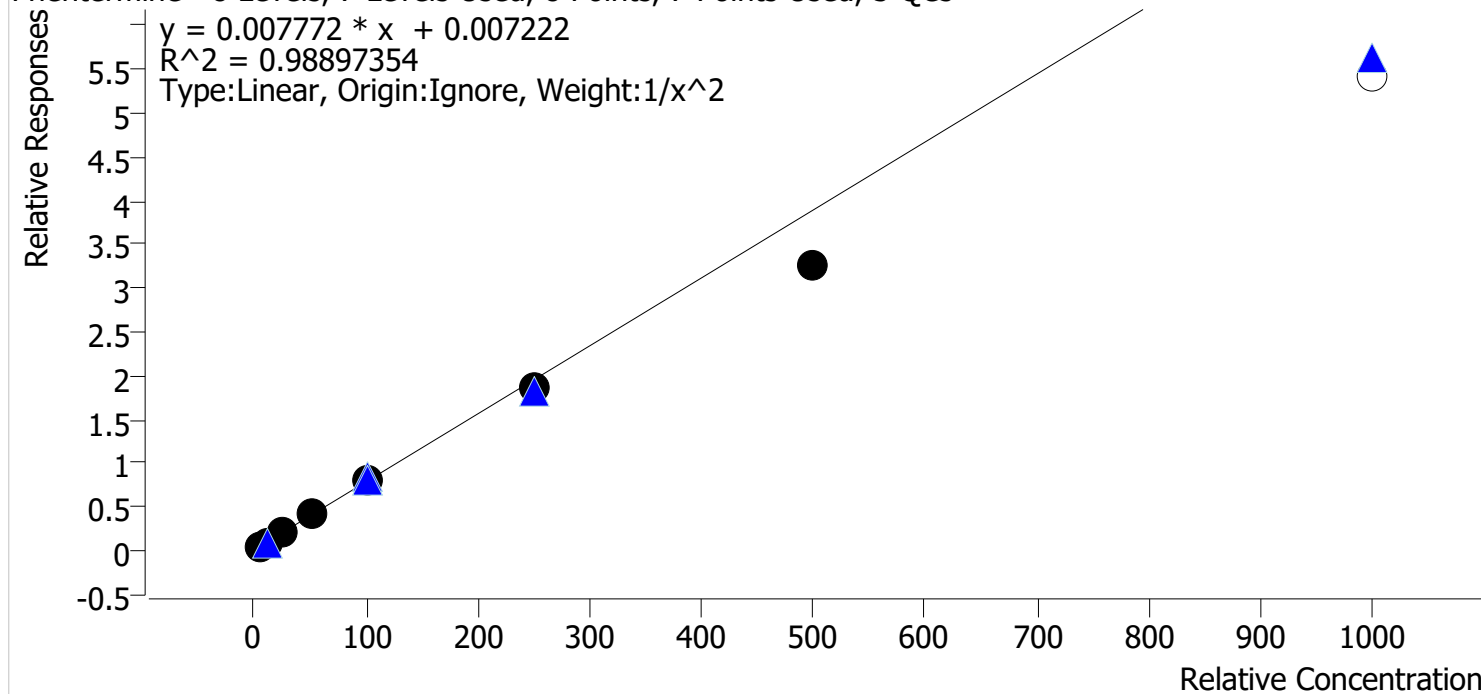
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Phentermine **Internal Standard** Phentermine-D5

Phentermine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	416.4	83.3
p1 Cal 8-1000ng	8	✗	1000.0	697.2	69.7

Calibrator 8 dropped due to not meeting accuracy requirement.

29



AM #28 Multi-Drug Quant. Calibration Curve Report

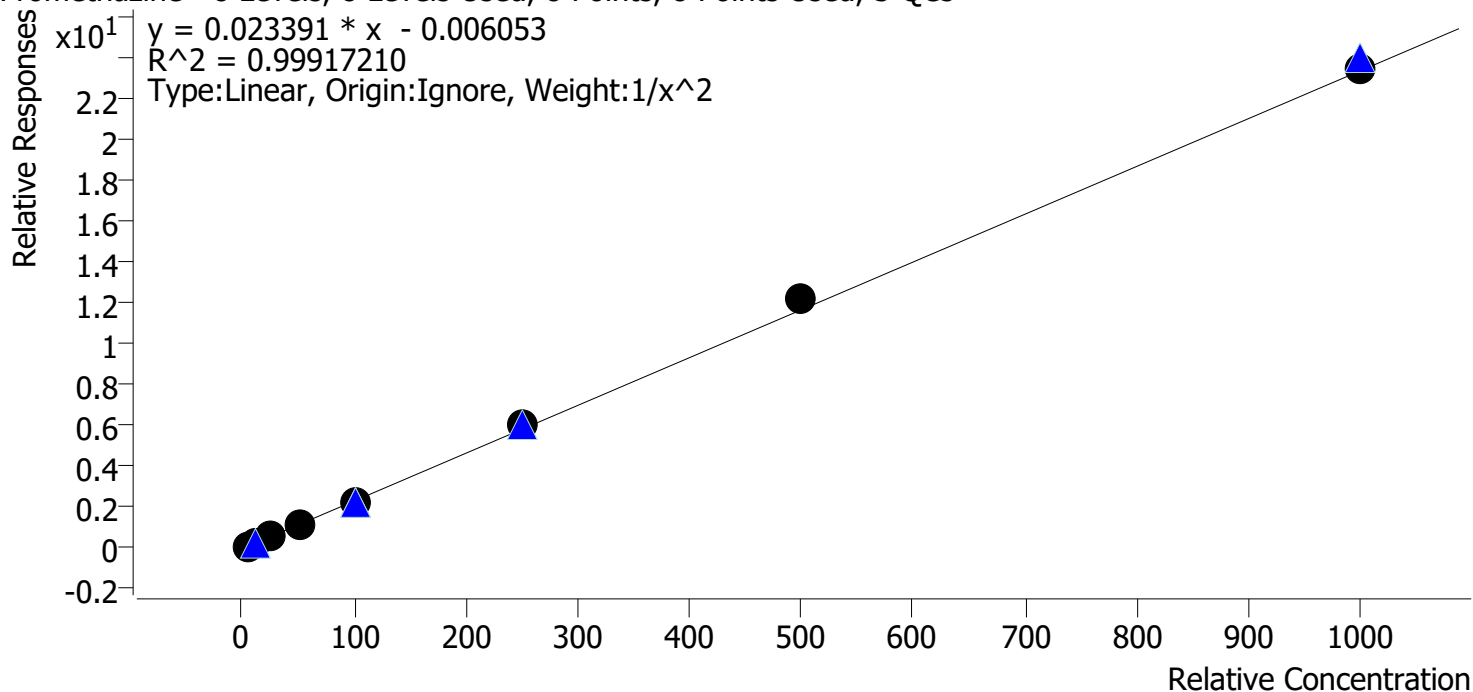
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Promethazine **Internal Standard** Promethazine-D3

Promethazine - 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	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1005.5	100.5

cg



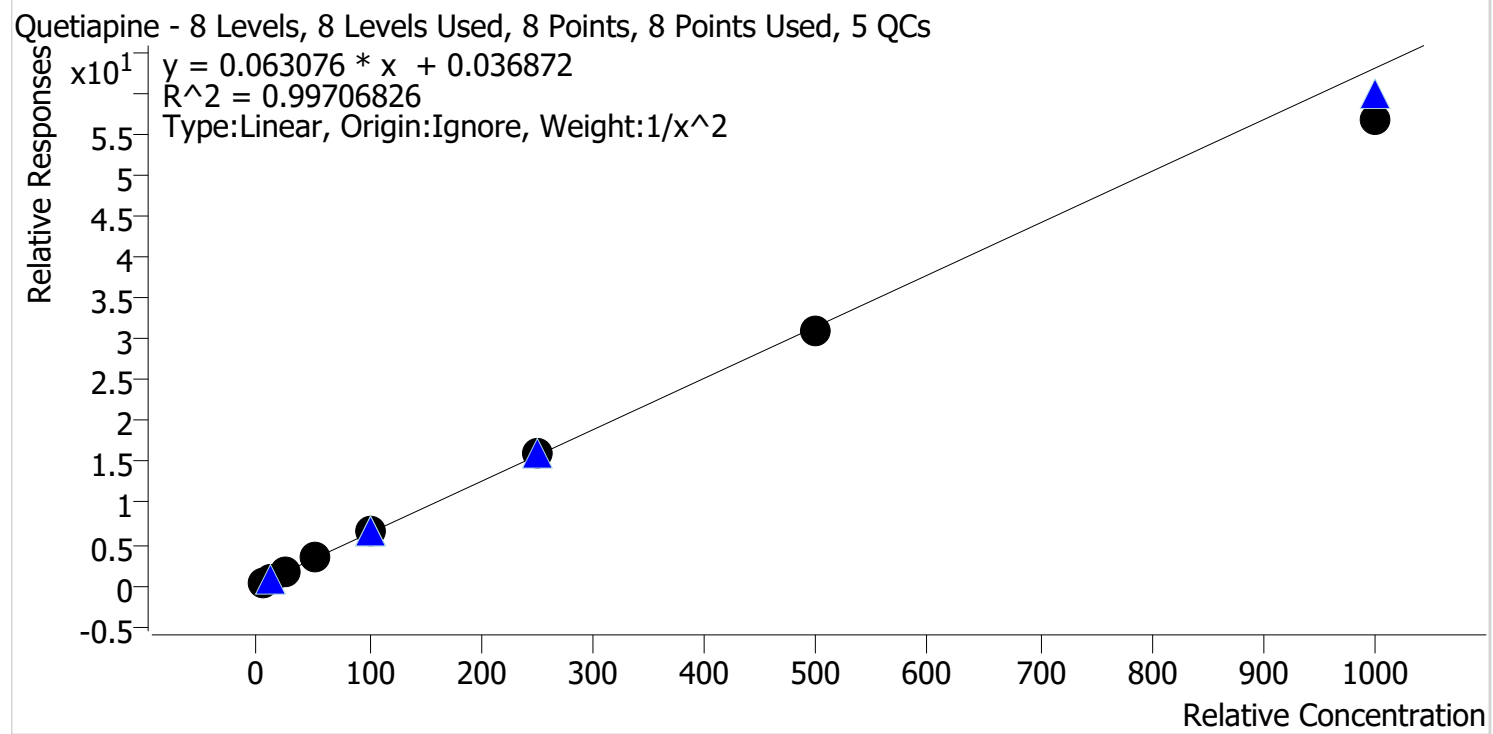
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	96.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	489.6	97.9
p1 Cal 8-1000ng	8	✓	1000.0	903.8	90.4



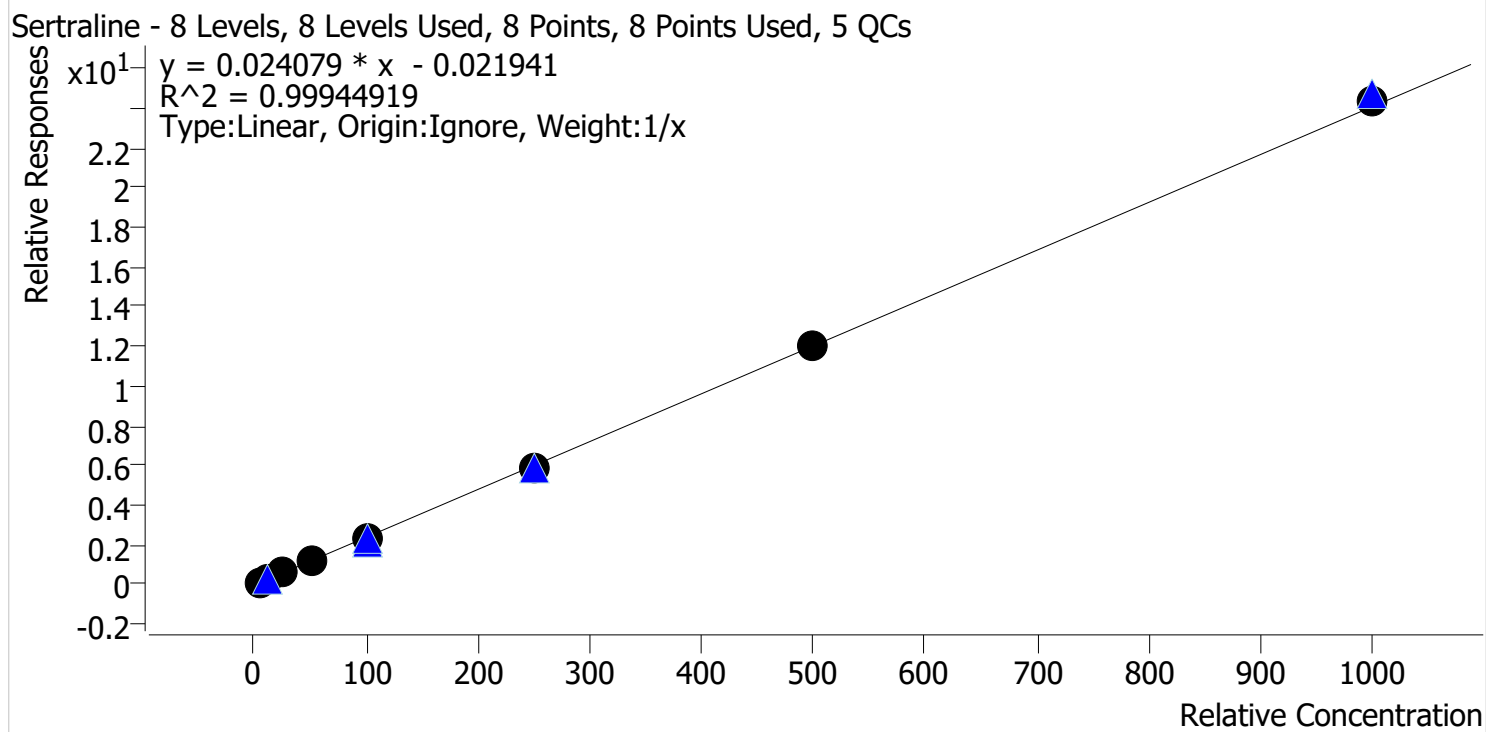
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	5.7	113.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	504.2	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.7	101.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

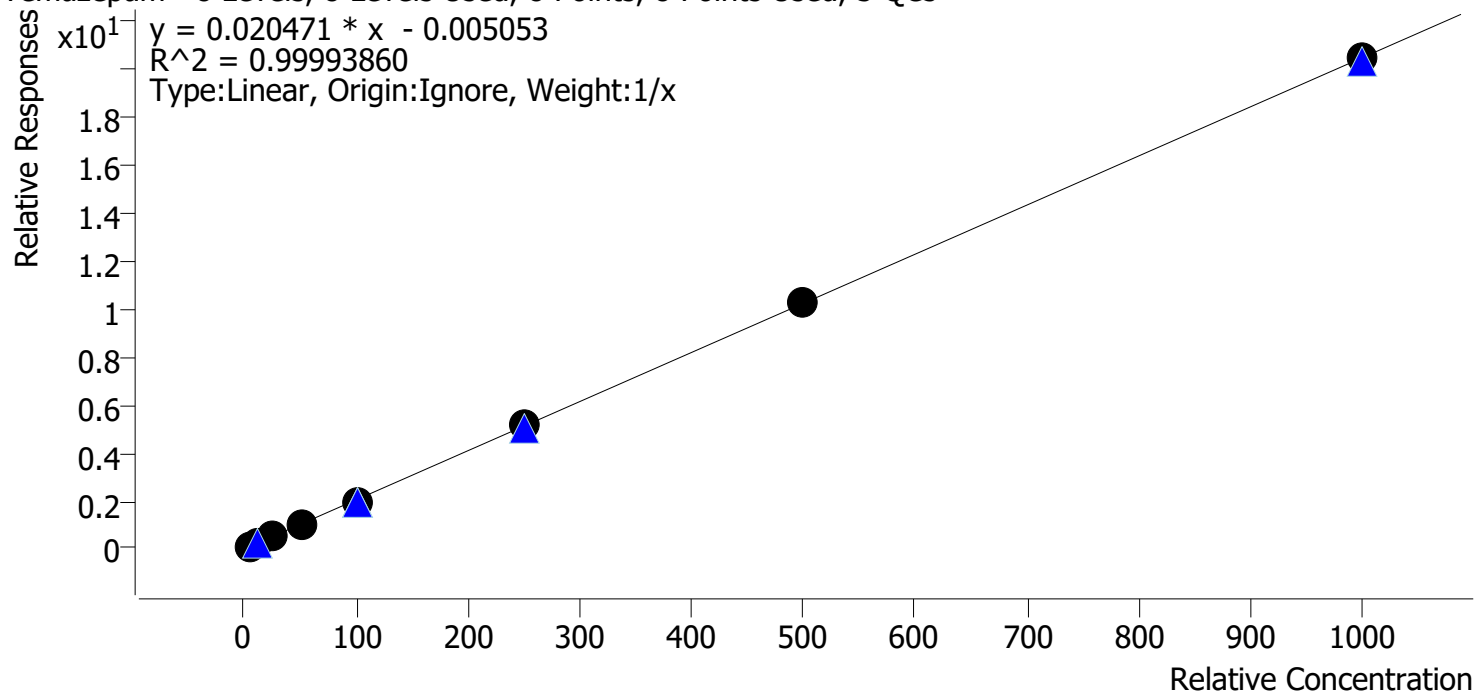
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	503.7	100.7
p1 Cal 8-1000ng	8	✓	1000.0	999.0	99.9

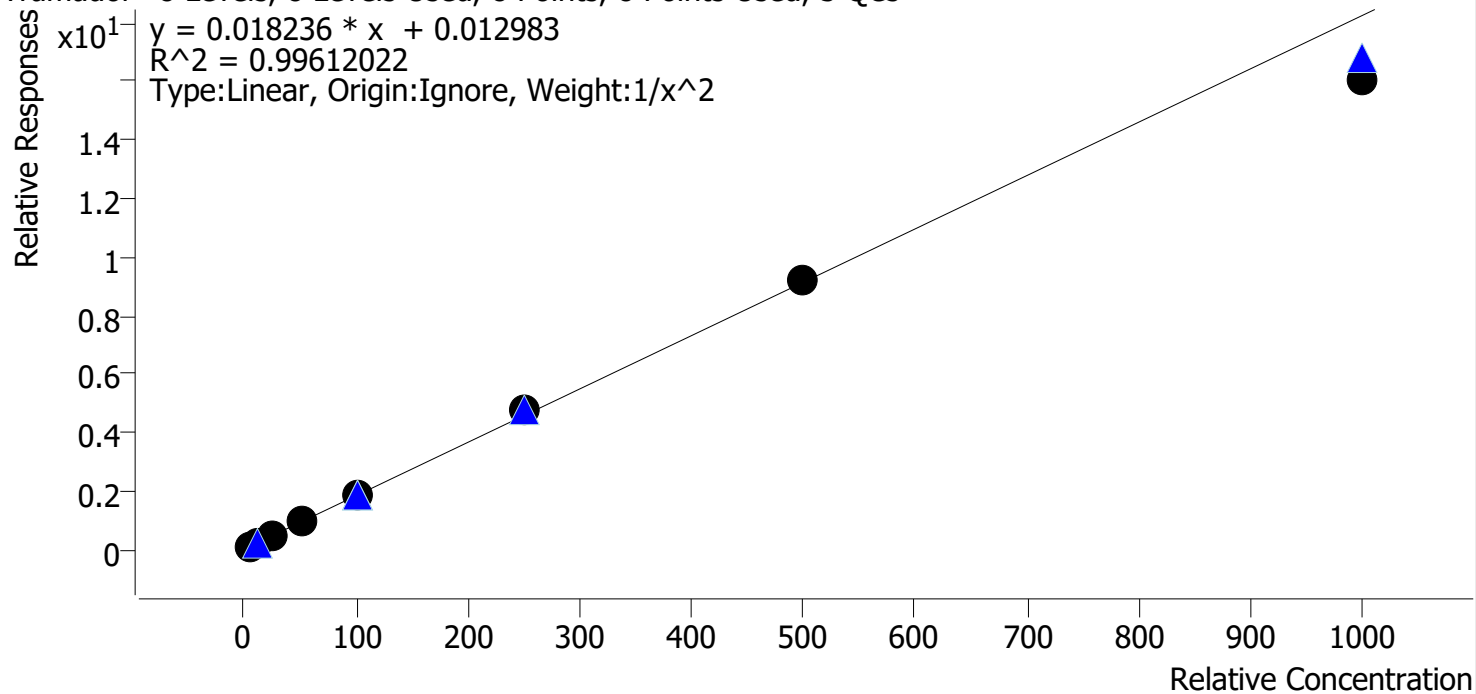
Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
 P1.batch.bin
Last Cal. Update 2/16/2022 1:26 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

Tramadol - 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	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	878.4	87.8

AM #28 Multi-Drug Quant. Calibration Curve Report

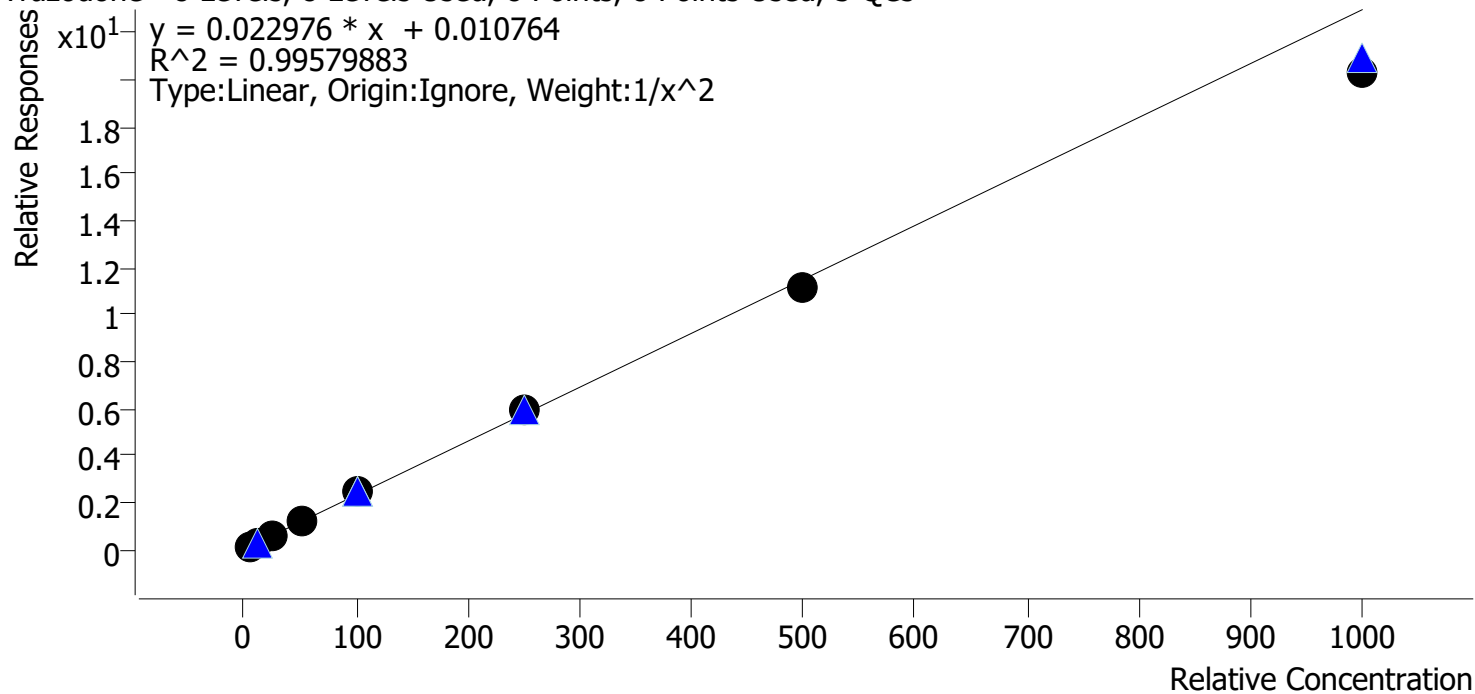
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P1.batch.bin

Last Cal. Update 2/16/2022 1:26 PM

Analyst Name ISP\Datastor

Analyte Trazodone **Internal Standard** Trazodone-D6

Trazodone - 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	97.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	260.5	104.2
p1 Cal 7-500ng	7	✓	500.0	485.4	97.1
p1 Cal 8-1000ng	8	✓	1000.0	881.5	88.2

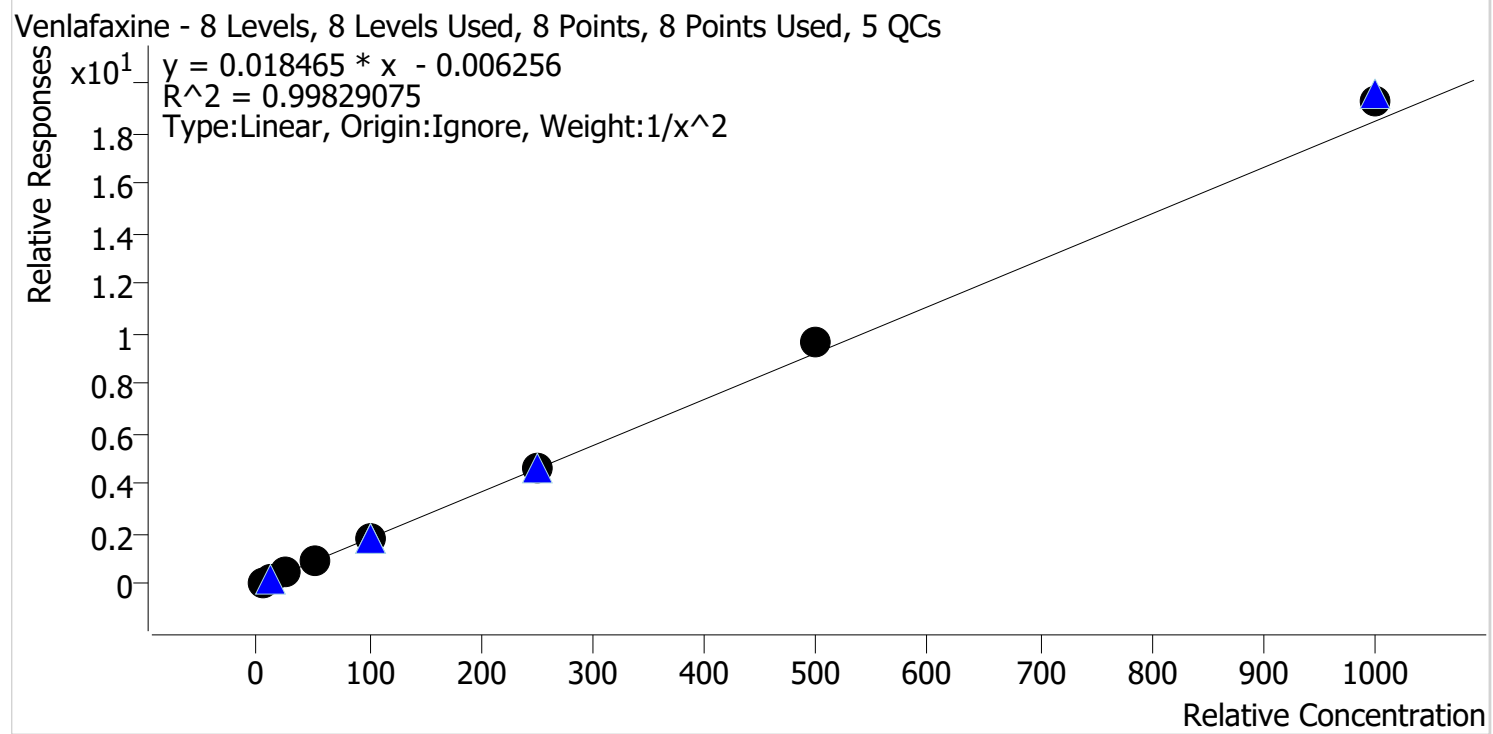
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	524.3	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1042.6	104.3

AM #28 Multi-Drug Quant. Calibration Curve Report

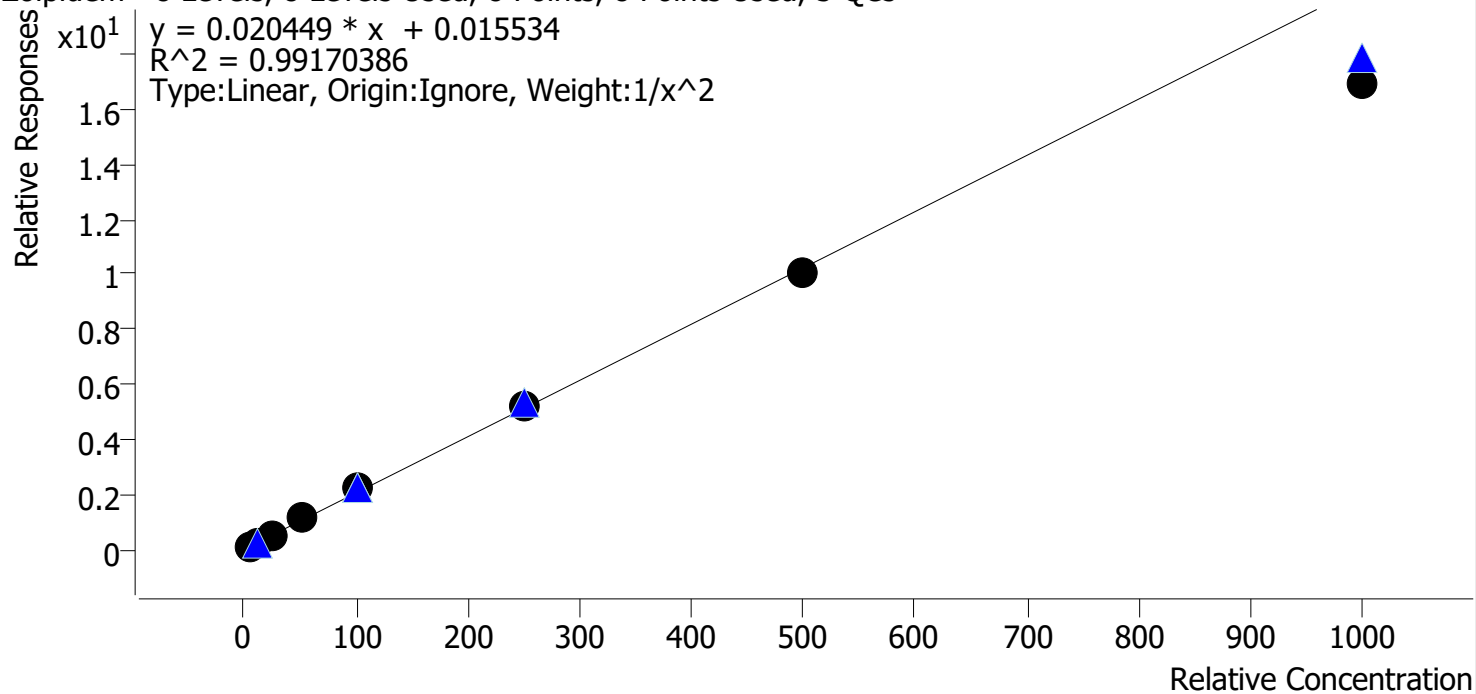
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ
P1.batch.bin

Last Cal. Update 2/16/2022 1:26 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	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	490.1	98.0
p1 Cal 8-1000ng	8	✓	1000.0	824.5	82.5

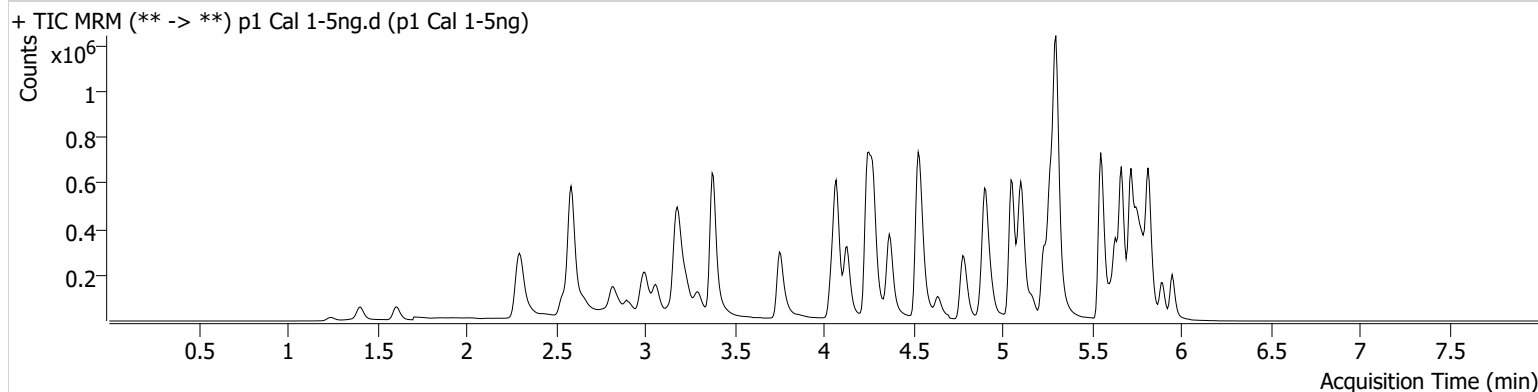
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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	Celena Shrum
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 9:37:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1376	2253.55	70.8	281.79	75729	0.5091 ng/ml
7-aminoclonazepam	4.265	19496	670.32	81.3	650.50	145908	4.6931 ng/ml
a-hydroxyalprazolam	5.699	14664	167.73	70.5	198.36	349058	4.6817 ng/ml
alpha-PHP	4.944	25985	197.99	256.5	969.64	803648	4.8460 ng/ml
alpha-PVP	4.376	92312	415.87	51.5	344.17	803648	5.0768 ng/ml
Alprazolam	5.782	49235	285.02	110.8	611.48	349058	5.0160 ng/ml
Amphetamine	3.063	178890	645.98	48.1	135.19	449115	4.7077 ng/ml
Benzoyllecgonine	3.892	2191	37.44	6.9	24.45	13528	5.3061 ng/ml
Buprenorphine	5.853	2512	583.51	13.6	658.36	171140	0.5152 ng/ml
Bupropion	4.801	96167	282.09	63.2	214.34	691658	4.9633 ng/ml
Carisoprodol	5.730	52483	340.31	52.7	83.65	469125	6.1000 ng/ml
Citalopram	5.232	72831	532.61	38.7	152.66	652946	5.0710 ng/ml
Clonazepam	5.612	52589	211.06	34.4	146.52	134019	4.8120 ng/ml
Clonazepam	5.555	30403	4993.01	36.0	14746.02	134019	4.8469 ng/ml
Cocaine	4.277	60061	1708.68	53.5	4705.87	1059427	5.0026 ng/ml
Codeine	2.593	8218	923.92	106.4	716.43	82856	4.7466 ng/ml
Cyclobenzaprine	5.635	74852	154426.34	7.2	46.77	590035	5.1073 ng/ml
Dextromethorphan	5.282	49251	2269.72	78.4	1441.36	468696	5.0379 ng/ml
Dextrophan	4.132	26942	2632.39	207.7	103304.69	611717	5.0170 ng/ml
Diazepam	5.960	34421	413.80	89.9	1276.01	326546	4.9700 ng/ml
Dihydrocodeine	2.572	19829	988.14	60.9	2278.81	247587	3.8957 ng/ml
Diphenhydramine	5.303	212902	229.70	32.1	131.11	2357058	5.0643 ng/ml
Doxylamine	4.549	206238	8987.49	100.4	8377.14	1833175	4.9264 ng/ml
EDDP	5.268	79851	316.09	43.5	285.15	889388	5.0976 ng/ml
Etizolam	5.820	19122	2024.35	24.2	16625.59	134019	5.2525 ng/ml
Fentanyl	5.116	7001	596.15	73.6	6681.69	797167	0.5108 ng/ml
Flualprazolam	5.712	20035	500.15	101.0	1146.30	349058	4.9499 ng/ml
Fluoxetine	5.721	84377	25758.45	8.9	14460.08	634230	5.1908 ng/ml
Hydrocodone	3.032	30531	55.36	34.3	61.83	329671	4.8572 ng/ml
Hydromorphone	1.621	25385	124330.93	69.1	1053.64	167493	5.0775 ng/ml
Ketamine	4.065	61433	481.77	38.6	157.71	557519	4.9312 ng/ml
Lamotrigine	4.294	6068	317.20	82.3	167.69	557519	4.8805 ng/ml
Levetiracetam	2.656	26653	180.40	137.8	552.61	1630368	5.1101 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	50929	985.13	50.3	143.87	134019	4.3137 ng/ml
MDA	3.209	105691	413.12	25.4	17.18	684894	4.7334 ng/ml
MDMA	3.303	59783	1741.12	95.7	514.29	143781	5.0287 ng/ml
Meprobamate	4.911	52089	1302.78	24.5	135.27	302424	4.9426 ng/ml
Methadone	5.666	124596	13334.90	54.9	1315.10	1106936	5.5255 ng/ml
Methamphetamine	3.238	141248	1061.43	39.7	667.01	1032725	4.9240 ng/ml
Metoprolol	4.340	17059	8670.46	95.4	539.77	1529113	4.8928 ng/ml
Mirtazapine	4.637	145189	4881.86	46.8	1418.45	803648	5.0102 ng/ml
Mitragynine	5.243	22211	283.30	35.6	23464.43	1106936	4.8664 ng/ml
Morphine	1.253	4560	408.20	19.0	32.32	15183	5.0162 ng/ml
Norbuprenorphine	5.006	356	841.07	97.0	1424.32	24381	0.5231 ng/ml
Nordiazepam	5.900	37339	397.89	59.1	322.39	250869	4.8981 ng/ml
Norfentanyl	4.093	14542	1551.10	36.1	13.66	1294498	0.5192 ng/ml
Norhydrocodone	3.080	4758	70.53	42.9	34.05	87133	5.1570 ng/ml
Noroxycodone	2.923	32490	13.26	47.7	274.24	192024	4.9599 ng/ml
O-desmethyl-tramadol	3.383	134911	463.19	5.8	194.75	1583180	5.0904 ng/ml
Oxazepam	5.756	63779	204.28	69.9	369.71	498987	4.8931 ng/ml
Oxycodone	2.848	58922	301.21	31.4	246.84	475444	4.9621 ng/ml
Oxymorphone	1.411	27980	994.06	43.7	86.23	173456	4.9643 ng/ml
Phentermine	3.790	38351	1098.00	5.8	15.92	861874	4.7962 ng/ml
Promethazine	5.552	136369	3043.09	31.5	204.89	1212420	5.0673 ng/ml
Pseudoephedrine	2.596	161355	1757.16	17.3	358.89	1630368	5.0654 ng/ml
Quetiapine	5.569	95415	133.60	61.1	96.12	278627	4.8445 ng/ml
Sertraline	5.796	33924	1292.48	93.9	794.69	294746	5.6911 ng/ml
Temazepam	5.823	103160	816.69	26.6	225.15	1017269	5.2006 ng/ml
Tramadol	4.259	156335	1057.00	3.4	116.35	1529113	4.8945 ng/ml
Trazodone	5.163	94989	43550.18	78.1	1892.46	774120	4.8721 ng/ml
Venlafaxine	5.057	123342	250.73	34.6	385.34	1405117	5.0926 ng/ml
Zolpidem	4.928	142096	2032.97	30.6	2488.40	1241346	4.8382 ng/ml

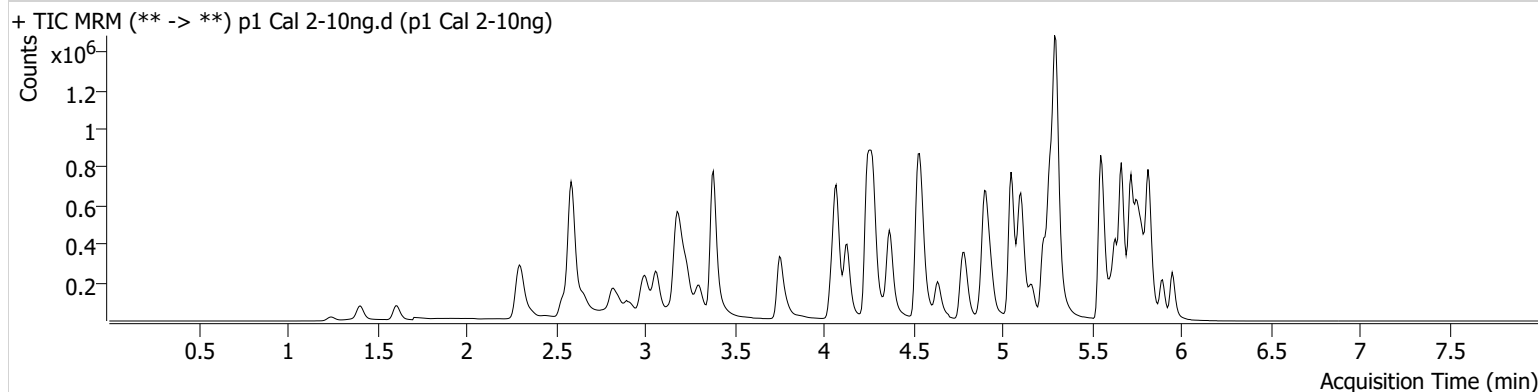
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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	Celena Shrum
Sample Position	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 9:48:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	3038	1702.22	69.6	175.37	85607	0.9835 ng/ml
7-aminoclonazepam	4.265	36204	110.05	80.8	206.61	130837	10.7265 ng/ml
a-hydroxyalprazolam	5.699	33453	446.95	66.7	556.94	382521	10.8831 ng/ml
alpha-PHP	4.944	55891	1012.60	255.2	1101.73	889395	10.2115 ng/ml
alpha-PVP	4.376	202196	2186.33	52.3	325.12	889395	9.9003 ng/ml
Alprazolam	5.782	107381	1194.23	110.3	766.36	382521	10.0243 ng/ml
Amphetamine	3.069	374595	3951.66	48.7	324.15	502611	10.4907 ng/ml
Benzoylcegonine	3.886	4199	59.68	9.4	441.95	13314	10.4743 ng/ml
Buprenorphine	5.853	5409	360.17	14.7	1922.15	191526	0.9845 ng/ml
Bupropion	4.795	215284	13204.13	63.0	341.30	771961	10.1300 ng/ml
Carisoprodol	5.730	112732	1280.63	56.3	946.86	508784	10.5602 ng/ml
Citalopram	5.232	160296	3811.63	39.1	1351.44	732548	9.7884 ng/ml
Clonazepam	5.612	113759	9304.51	34.9	88.26	152615	10.1521 ng/ml
Clonazepam	5.555	68411	1203.63	37.4	47352.21	152615	10.3575 ng/ml
Cocaine	4.277	131591	4252.06	55.1	307.03	1171414	9.9701 ng/ml
Codeine	2.593	17999	3441.84	103.8	83.19	90366	10.4390 ng/ml
Cyclobenzaprine	5.635	149016	2787.67	7.2	46.02	594646	9.8304 ng/ml
Dextromethorphan	5.282	105730	18215.34	78.0	416167.58	511031	9.9825 ng/ml
Dextrophan	4.132	60767	197503.62	211.0	1250.07	686222	10.0745 ng/ml
Diazepam	5.960	74064	685.08	91.3	286.01	357246	10.0656 ng/ml
Dihydrocodeine	2.572	44372	14701.45	62.5	151.47	283763	9.4422 ng/ml
Diphenhydramine	5.303	460120	307.47	31.8	5082.98	2542361	9.9142 ng/ml
Doxylamine	4.549	445566	23542.00	100.6	5907.50	1977147	10.1304 ng/ml
EDDP	5.268	179168	262.31	41.7	12542.34	1013136	9.8547 ng/ml
Etizolam	5.820	41199	1063.30	25.4	26409.06	152615	9.4780 ng/ml
Fentanyl	5.109	14733	1128.04	76.3	13082.83	879061	0.9801 ng/ml
Flualprazolam	5.705	43255	1529.94	106.5	1236.67	382521	10.0627 ng/ml
Fluoxetine	5.721	148657	9854.33	8.9	37364.03	576222	9.5994 ng/ml
Hydrocodone	3.032	66176	299.40	35.2	57.93	368488	10.1841 ng/ml
Hydromorphone	1.615	53186	161116.22	71.0	366.53	180545	9.7897 ng/ml
Ketamine	4.065	133472	493.52	37.7	536.05	623514	10.0919 ng/ml
Lamotrigine	4.294	12892	517.25	85.4	37580.13	623514	10.1791 ng/ml
Levetiracetam	2.656	56073	267.25	141.8	1682.68	1826316	9.6861 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	103458	2306.34	53.8	357.15	152615	9.7895 ng/ml
MDA	3.209	227562	688.44	29.0	13.09	744316	10.4515 ng/ml
MDMA	3.310	133085	27359.66	93.8	1097.59	160455	9.9734 ng/ml
Meprobamate	4.911	87186	196.89	25.1	1164.01	347492	9.7248 ng/ml
Methadone	5.666	265683	927.67	52.0	1908.80	1203595	9.8889 ng/ml
Methamphetamine	3.238	299918	450.69	39.5	2323.05	1171192	10.0456 ng/ml
Metoprolol	4.340	37553	1230.98	95.7	1917.79	1700530	10.1653 ng/ml
Mirtazapine	4.637	316422	14363.09	46.7	1018.10	889395	9.7130 ng/ml
Mitragynine	5.244	54260	1142.94	35.3	695.99	1203595	10.4921 ng/ml
Morphine	1.253	9447	1005.24	18.3	1082.49	16405	9.9656 ng/ml
Norbuprenorphine	5.006	634	1879.97	119.7	∞	27141	0.9400 ng/ml
Nordiazepam	5.900	81141	454.07	59.1	2102.10	273774	10.1761 ng/ml
Norfentanyl	4.093	31363	2117.89	37.2	360.07	1433623	0.9672 ng/ml
Norhydrocodone	3.080	10388	120.18	37.8	51.88	92914	9.7678 ng/ml
Noroxycodone	2.923	66871	646.24	47.0	1216.10	209645	10.1249 ng/ml
O-desmethyl-tramadol	3.389	295219	4181.39	5.8	808.62	1759829	9.8599 ng/ml
Oxazepam	5.756	135548	3032.92	72.8	227.84	534839	10.1444 ng/ml
Oxycodone	2.848	126302	1234.16	29.9	445.40	522479	10.0694 ng/ml
Oxymorphone	1.411	58339	∞	43.5	102.67	188222	9.9524 ng/ml
Phentermine	3.790	83663	230.42	5.9	52.69	957197	10.3170 ng/ml
Promethazine	5.552	273536	2365.92	31.3	904.60	1215666	9.8782 ng/ml
Pseudoephedrine	2.596	369427	3325.37	16.8	525.67	1826316	10.0111 ng/ml
Quetiapine	5.569	206218	16816.39	59.6	10693.13	297142	10.4181 ng/ml
Sertraline	5.796	55472	345.12	95.9	607.45	253108	10.0129 ng/ml
Temazepam	5.823	218422	341.24	27.3	274.87	1095223	9.9889 ng/ml
Tramadol	4.259	338629	919.69	3.3	130.94	1700530	10.2077 ng/ml
Trazodone	5.163	207279	21357.28	77.2	17407.09	835097	10.3344 ng/ml
Venlafaxine	5.050	277921	6235.87	35.0	289.25	1576826	9.8839 ng/ml
Zolpidem	4.928	312789	717.64	30.5	1937.84	1386658	10.2714 ng/ml

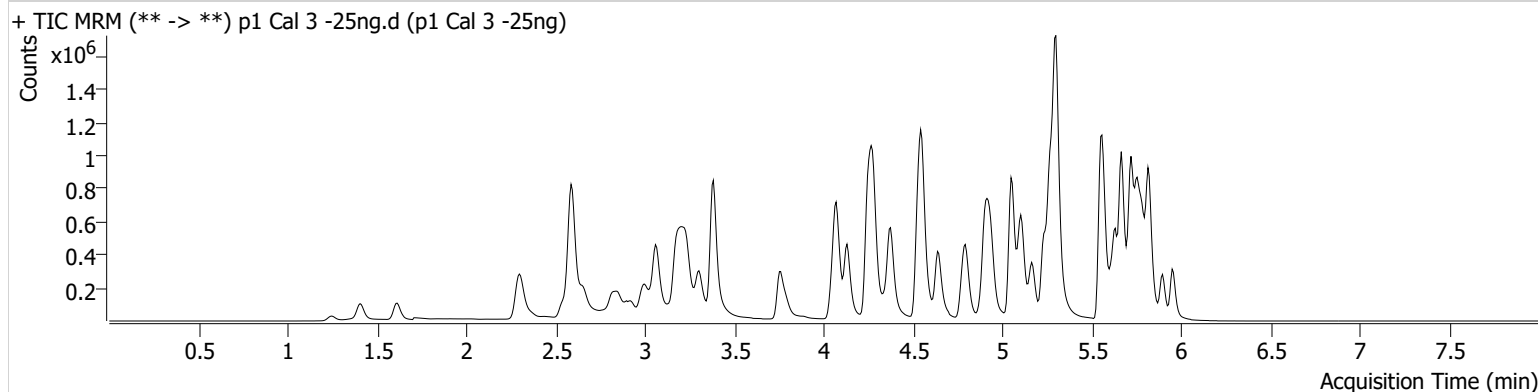
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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	Celena Shrum
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 9:58:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	6476	437.59	77.7	430.87	74821	2.3823 ng/ml
7-aminoclonazepam	4.271	95266	1712.30	78.0	8999.42	141685	27.4089 ng/ml
a-hydroxyalprazolam	5.699	70911	2512.33	69.1	427.57	344222	27.0613 ng/ml
alpha-PHP	4.944	123299	14737.34	257.3	3145.88	789751	26.6173 ng/ml
alpha-PVP	4.383	442185	521.77	52.7	321.72	789751	24.1623 ng/ml
Alprazolam	5.775	235557	18726.96	109.6	647.02	344222	24.4967 ng/ml
Amphetamine	3.063	815948	7392.61	49.2	403.30	451834	28.1665 ng/ml
Benzoyllecgonine	3.892	8711	83.19	8.8	135.53	12168	23.9625 ng/ml
Buprenorphine	5.853	11362	985.92	15.8	2019.45	172985	2.2799 ng/ml
Bupropion	4.801	468912	159800.33	63.0	5264.17	688434	24.9919 ng/ml
Carisoprodol	5.730	236701	118092.40	54.9	295.56	435996	23.6249 ng/ml
Citalopram	5.232	354117	567.65	38.1	491.32	632211	24.7968 ng/ml
Clonazepam	5.612	248542	1038.60	35.4	11991.61	133020	27.1412 ng/ml
Clonazepam	5.555	144342	15044.59	38.0	4012.69	133020	26.2084 ng/ml
Cocaine	4.277	292160	1312.36	53.8	484.13	1027510	25.3255 ng/ml
Codeine	2.593	38869	13000.16	105.6	67.09	78521	27.2792 ng/ml
Cyclobenzaprine	5.635	352609	57824.05	7.6	65.93	567011	24.0021 ng/ml
Dextromethorphan	5.282	231865	274.06	79.6	5617.70	461986	24.3087 ng/ml
Dextrophan	4.132	132600	4497.46	210.6	2764.37	608188	24.7859 ng/ml
Diazepam	5.960	163029	3337.30	91.5	2094.43	320426	25.1395 ng/ml
Dihydrocodeine	2.572	98355	752.94	61.6	1755.66	246917	27.0362 ng/ml
Diphenhydramine	5.303	1015087	∞	31.9	6875.43	2258046	24.2814 ng/ml
Doxylamine	4.549	1018174	1804.82	99.4	542.45	1813825	25.6235 ng/ml
EDDP	5.268	400917	2779.73	41.4	7458.16	916871	24.0840 ng/ml
Etizolam	5.820	90047	2730.07	26.2	885.45	133020	22.9899 ng/ml
Fentanyl	5.116	31961	5935.11	76.4	18537.91	783044	2.3950 ng/ml
Flualprazolam	5.712	96616	10442.97	100.4	1027.79	344222	25.4523 ng/ml
Fluoxetine	5.721	384585	121843.78	8.6	452.47	586633	23.6280 ng/ml
Hydrocodone	3.032	145917	280.86	33.5	83.99	325380	26.6503 ng/ml
Hydromorphone	1.615	120766	755940.65	73.6	1316.26	160467	24.8799 ng/ml
Ketamine	4.065	291913	3423.15	38.1	1454.51	551074	25.7741 ng/ml
Lamotrigine	4.294	28093	756.90	84.7	17272.66	551074	26.5776 ng/ml
Levetiracetam	2.656	123800	1941.30	138.4	3039.30	1605528	24.4793 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	224915	7385.13	50.8	652.60	133020	28.4090 ng/ml
MDA	3.209	498246	3251.33	30.1	37.72	654845	27.6391 ng/ml
MDMA	3.303	292297	38152.62	93.4	1565.24	142056	24.6560 ng/ml
Meprobamate	4.911	162188	3286.07	25.6	1267.14	297350	27.6310 ng/ml
Methadone	5.666	612374	30747.17	51.6	983.47	1069994	24.0692 ng/ml
Methamphetamine	3.238	654259	7488.95	39.1	4772.66	1037994	26.1105 ng/ml
Metoprolol	4.340	83601	191129.01	93.0	677.04	1505683	26.3010 ng/ml
Mirtazapine	4.637	706001	3277.85	46.6	651.08	789751	24.1664 ng/ml
Mitragynine	5.244	120149	1089.14	36.1	146.77	1069994	25.6059 ng/ml
Morphine	1.253	20661	195.27	18.8	1036.08	14877	24.5696 ng/ml
Norbuprenorphine	5.006	1221	25.27	116.7	37.44	23844	2.2667 ng/ml
Nordiazepam	5.900	179326	538.12	59.0	640.05	244019	25.8629 ng/ml
Norfentanyl	4.099	68518	5254.47	37.0	310.93	1270633	2.3161 ng/ml
Norhydrocodone	3.080	22213	169.34	37.0	41.84	79336	23.3281 ng/ml
Noroxycodone	2.923	139868	2454.37	48.3	957.46	185281	25.1578 ng/ml
O-desmethyl-tramadol	3.383	650331	16007.64	5.7	1183.92	1571530	24.0789 ng/ml
Oxazepam	5.756	296049	4493.14	72.5	226.67	463509	26.2499 ng/ml
Oxycodone	2.848	273161	666.17	30.3	1263.47	459175	25.3804 ng/ml
Oxymorphone	1.411	130672	∞	45.6	106.19	163900	26.3060 ng/ml
Phentermine	3.790	185161	1377.72	5.7	77.53	850251	27.0912 ng/ml
Promethazine	5.552	647999	2173.99	30.7	605.98	1145601	24.4406 ng/ml
Pseudoephedrine	2.596	795392	417.02	16.8	3062.07	1605528	24.0437 ng/ml
Quetiapine	5.569	455489	565.18	60.9	486.21	274868	25.6871 ng/ml
Sertraline	5.796	149247	9027.95	91.8	905.38	266314	24.1852 ng/ml
Temazepam	5.823	479709	4544.00	27.0	672.32	954732	24.7914 ng/ml
Tramadol	4.259	732268	717.25	3.3	483.78	1505683	25.9569 ng/ml
Trazodone	5.163	458279	183438.27	77.7	1180.79	774052	25.2995 ng/ml
Venlafaxine	5.050	607185	∞	34.7	619.34	1389519	24.0035 ng/ml
Zolpidem	4.928	675398	31480.89	30.1	4182.90	1224496	26.2138 ng/ml

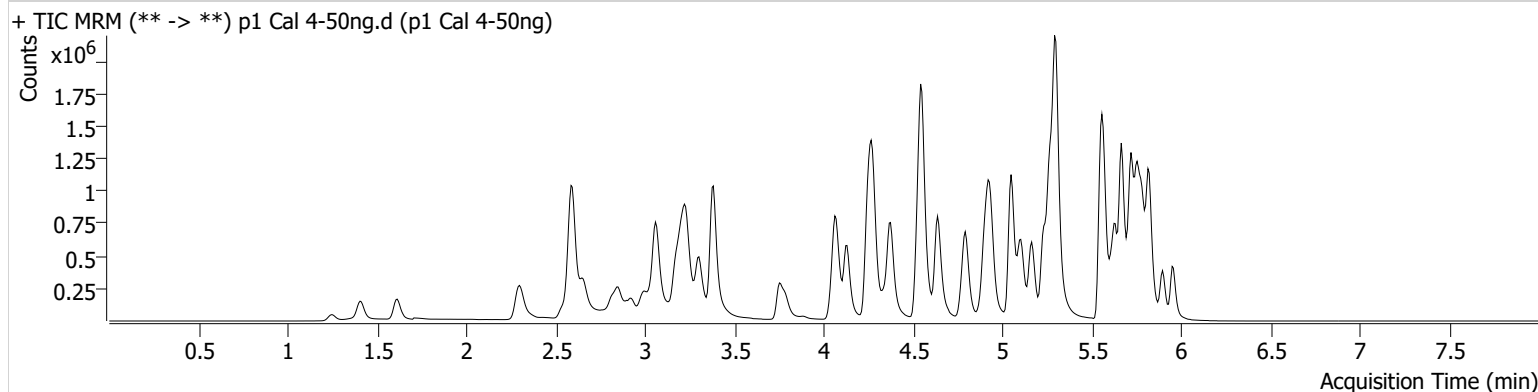
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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** Celena Shrum
Sample Position P6-D1 **Comment**
Injection Volume 2
Acq. Date-Time 2/11/2022 10:09:34 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	12925	44561.79	69.9	344.68	71901	4.9358 ng/ml
7-aminoclonazepam	4.265	159907	2185.72	82.0	287.54	125609	52.7352 ng/ml
a-hydroxyalprazolam	5.699	126116	1614.12	67.7	2796.50	316600	53.3094 ng/ml
alpha-PHP	4.944	222377	5419.82	257.1	4463.49	728576	52.8393 ng/ml
alpha-PVP	4.376	821630	60327.89	52.4	4984.86	728576	48.5130 ng/ml
Alprazolam	5.775	435054	1830.79	109.7	∞	316600	49.2330 ng/ml
Amphetamine	3.063	1451897	11212.56	49.0	731.37	425958	54.8776 ng/ml
Benzoylcegonine	3.886	17607	273.85	8.8	113.96	12297	48.0749 ng/ml
Buprenorphine	5.853	21809	1635.43	15.4	6815.15	160215	4.7173 ng/ml
Bupropion	4.795	872806	813.52	63.6	922.28	639288	50.2694 ng/ml
Carisoprodol	5.730	433650	701.69	55.1	288.05	399843	45.6479 ng/ml
Citalopram	5.232	652542	1030.91	38.7	19179.09	581194	49.5378 ng/ml
Clonazepam	5.612	463026	74021.12	35.2	15073.89	124991	54.9163 ng/ml
Clonazepam	5.555	266984	4144.28	37.5	3808.03	124991	52.3652 ng/ml
Cocaine	4.277	547364	516.86	53.7	31871.86	984218	49.5904 ng/ml
Codeine	2.593	71429	221.49	103.2	91.05	74803	53.4576 ng/ml
Cyclobenzaprine	5.635	635683	733.76	7.4	636.65	509554	47.8835 ng/ml
Dextromethorphan	5.275	426271	106731.52	79.0	8091.60	417708	49.4950 ng/ml
Dextrophan	4.132	239730	1047.29	217.8	2391.20	569744	47.8227 ng/ml
Diazepam	5.960	294899	484.44	92.3	14945.77	290192	50.5118 ng/ml
Dihydrocodeine	2.572	185653	192.30	61.3	3483.79	233832	55.8035 ng/ml
Diphenhydramine	5.303	1881925	27171.60	31.8	713.28	2078283	48.6749 ng/ml
Doxylamine	4.549	1955763	163171.23	100.9	173643.35	1788317	50.1691 ng/ml
EDDP	5.268	725539	380.55	41.3	54099.61	833563	47.7505 ng/ml
Etizolam	5.820	170709	4894.00	25.7	2216.52	124991	45.8589 ng/ml
Fentanyl	5.109	60627	4713.83	75.8	66265.96	731334	4.8703 ng/ml
Flualprazolam	5.705	176812	6035.45	99.4	3463.91	316600	50.9599 ng/ml
Fluoxetine	5.721	664344	128566.29	8.7	3310.74	503412	47.0599 ng/ml
Hydrocodone	3.032	273085	80.85	34.0	211.87	313226	52.5808 ng/ml
Hydromorphone	1.615	234463	1203.36	76.3	277865.30	159175	48.6149 ng/ml
Ketamine	4.065	544466	14353.60	38.3	2429.81	522426	51.2348 ng/ml
Lamotrigine	4.294	51345	2506.59	83.1	4281.88	522426	52.1770 ng/ml
Levetiracetam	2.656	232628	535.68	140.0	3337.79	1495535	49.4841 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	390154	5047.93	50.1	650.66	124991	54.7069 ng/ml
MDA	3.209	899143	4150.94	27.5	33.54	615365	54.0853 ng/ml
MDMA	3.303	544603	5011.84	92.9	1059.28	131608	49.5270 ng/ml
Meprobamate	4.911	277671	14403.84	25.3	249.33	287547	53.1769 ng/ml
Methadone	5.666	1138552	28627.39	51.5	1508.18	974014	48.1328 ng/ml
Methamphetamine	3.238	1219428	15994.56	38.8	2736.32	990467	51.9039 ng/ml
Metoprolol	4.340	153115	360481.66	94.7	9680.11	1418348	51.5992 ng/ml
Mirtazapine	4.637	1384592	4709.23	46.5	4336.51	728576	51.1957 ng/ml
Mitragynine	5.244	212275	1362.19	36.2	640.07	974014	49.3641 ng/ml
Morphine	1.253	41392	222.82	20.2	1646.19	14686	50.2541 ng/ml
Norbuprenorphine	5.006	2496	3603.43	95.8	2978.16	22500	5.1128 ng/ml
Nordiazepam	5.900	323195	2814.69	58.7	2056.94	221621	51.7428 ng/ml
Norfentanyl	4.093	131297	8898.43	36.2	∞	1200505	4.6499 ng/ml
Norhydrocodone	3.080	41091	162.67	39.5	81.11	72279	46.5910 ng/ml
Noroxycodone	2.923	262213	495.61	48.3	1712.58	178124	49.8901 ng/ml
O-desmethyl-tramadol	3.383	1234596	33870.93	5.7	1563.62	1480927	48.3396 ng/ml
Oxazepam	5.756	519928	15685.48	73.7	8252.48	418869	51.4382 ng/ml
Oxycodone	2.848	527586	704.08	29.4	2247.97	449830	50.4375 ng/ml
Oxymorphone	1.411	239902	∞	48.9	∞	159266	50.1001 ng/ml
Phentermine	3.790	345077	799.47	5.6	103.64	805833	54.1696 ng/ml
Promethazine	5.552	1181160	1334.43	30.2	892.00	1043093	48.6686 ng/ml
Pseudoephedrine	2.596	1478339	14278.70	17.1	13382.32	1495535	47.6490 ng/ml
Quetiapine	5.569	862402	527.44	61.8	36102.85	260825	51.8352 ng/ml
Sertraline	5.796	262009	7373.56	90.8	849.21	229645	48.2938 ng/ml
Temazepam	5.823	865901	1495.83	27.0	311.45	863217	49.2480 ng/ml
Tramadol	4.259	1347100	925.51	3.2	316.56	1418348	51.3697 ng/ml
Trazodone	5.163	848410	39011.30	77.8	3131.08	700720	52.2281 ng/ml
Venlafaxine	5.050	1138042	1093.37	34.6	2184.33	1297507	47.8388 ng/ml
Zolpidem	4.928	1278434	43365.88	30.2	1923.25	1157201	53.2664 ng/ml

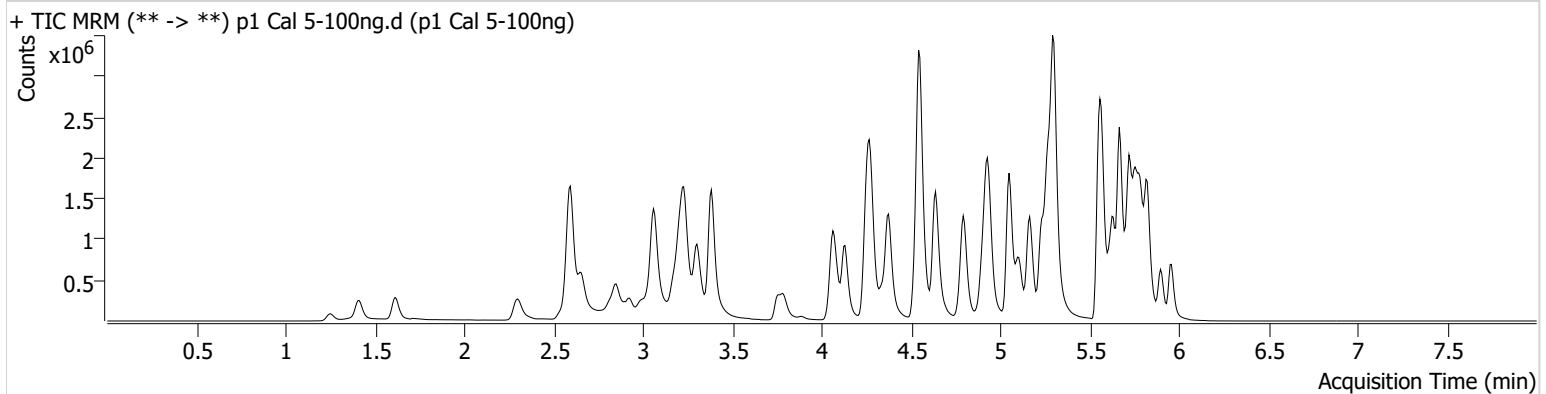
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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** Celena Shrum
Sample Position P6-E1 **Comment**
Injection Volume 2
Acq. Date-Time 2/11/2022 10:20:09 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	27137	342.90	68.8	1149.06	73796	10.0850 ng/ml
7-aminoclonazepam	4.265	343132	234.72	79.7	5487.21	135532	105.8052 ng/ml
a-hydroxyalprazolam	5.699	228981	2417.81	69.0	1013.01	310560	99.5679 ng/ml
alpha-PHP	4.944	459861	1307.21	258.6	35106.44	766758	104.6382 ng/ml
alpha-PVP	4.376	1732497	∞	52.7	70152.34	766758	97.0498 ng/ml
Alprazolam	5.775	875178	792.23	108.9	935.68	310560	101.0102 ng/ml
Amphetamine	3.063	2814722	599.08	48.4	436.69	443514	103.8414 ng/ml
Benzoylcegonine	3.886	36537	116.09	8.4	92.17	12511	98.2048 ng/ml
Buprenorphine	5.853	46787	64621.03	14.9	12692.30	165395	9.7951 ng/ml
Bupropion	4.795	1866926	207127.79	62.8	14243.70	687472	100.1613 ng/ml
Carisoprodol	5.730	764471	25462.02	56.4	3421.84	350107	90.3314 ng/ml
Citalopram	5.232	1345037	58671.86	38.8	403.16	610144	97.1038 ng/ml
Clonazepam	5.612	853285	24407.46	35.1	987921.67	117320	108.9017 ng/ml
Clonazepam	5.555	480981	75933.98	38.4	38356.57	117320	101.2407 ng/ml
Cocaine	4.271	1085914	2775.98	55.0	17069.00	984394	98.4222 ng/ml
Codeine	2.593	145946	5263.25	100.4	144.11	74560	110.5261 ng/ml
Cyclobenzaprine	5.635	1363677	636.08	7.5	804.29	538761	96.8790 ng/ml
Dextromethorphan	5.275	864737	32379.27	78.1	64472.12	423949	98.9933 ng/ml
Dextrophan	4.132	502100	22132.56	215.7	14398.47	586092	97.3552 ng/ml
Diazepam	5.960	605925	∞	91.8	2147.60	298902	101.0607 ng/ml
Dihydrocodeine	2.572	368536	1872.27	62.9	41486.60	244909	107.4905 ng/ml
Diphenhydramine	5.303	3894906	52924.46	31.8	56310.37	2146424	97.3083 ng/ml
Doxylamine	4.550	4044376	153322.58	98.8	1005297.94	1794292	103.6780 ng/ml
EDDP	5.268	1499635	145837.00	41.2	32849.67	842925	97.4001 ng/ml
Etizolam	5.820	333930	349.84	26.2	5293.97	117320	95.0127 ng/ml
Fentanyl	5.109	133325	440.03	76.8	164927.36	805645	9.7281 ng/ml
Flualprazolam	5.705	346595	6521.34	99.8	6962.52	310560	102.1569 ng/ml
Fluoxetine	5.721	1365350	96268.92	8.8	4019.59	509344	95.0781 ng/ml
Hydrocodone	3.032	541613	179.45	34.3	467.89	316240	104.0760 ng/ml
Hydromorphone	1.615	469473	2244459.01	74.6	3210.46	159293	97.1870 ng/ml
Ketamine	4.065	1117434	17612.79	38.6	379.09	545403	101.2465 ng/ml
Lamotrigine	4.294	101725	582.66	85.5	2069.18	545403	99.9242 ng/ml
Levetiracetam	2.656	468314	6586.38	143.2	6838.00	1518266	98.2269 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	609214	2347.23	52.4	2568.43	117320	92.7808 ng/ml
MDA	3.209	1704509	1051.84	28.5	52.55	599935	106.2002 ng/ml
MDMA	3.303	1111963	3980.66	94.0	2123.99	136180	97.6725 ng/ml
Meprobamate	4.904	502625	444.91	25.0	4682.61	285633	101.4489 ng/ml
Methadone	5.666	2424356	64662.11	52.1	75998.63	1038147	95.1758 ng/ml
Methamphetamine	3.238	2540984	23473.42	38.2	1116.84	1051324	102.8065 ng/ml
Metoprolol	4.340	313954	77959.83	95.4	18804.42	1497475	100.6728 ng/ml
Mirtazapine	4.637	2775887	111295.05	46.4	6494.24	766758	97.3850 ng/ml
Mitragynine	5.244	445483	168970.45	35.9	4024.43	1038147	96.8532 ng/ml
Morphine	1.253	84199	3266.47	19.6	247.76	14831	101.6132 ng/ml
Norbuprenorphine	5.006	5309	112.59	97.1	36.40	25164	9.8820 ng/ml
Nordiazepam	5.900	635460	119013.36	59.0	6612.84	220539	102.6505 ng/ml
Norfentanyl	4.093	269172	498.79	36.2	774.29	1198115	9.5029 ng/ml
Norhydrocodone	3.080	79170	∞	40.2	129.68	66599	96.5985 ng/ml
Noroxycodone	2.923	492994	12482.98	47.5	545.62	165824	101.6494 ng/ml
O-desmethyl-tramadol	3.383	2574855	196770.55	5.7	10164.09	1532441	97.2586 ng/ml
Oxazepam	5.756	904915	14823.35	73.2	4362.27	361382	104.2255 ng/ml
Oxycodone	2.848	1071741	5394.44	29.2	1656.18	459897	100.6217 ng/ml
Oxymorphone	1.411	478213	∞	48.1	∞	166071	96.1849 ng/ml
Phentermine	3.790	689558	19017.37	5.6	142.67	841804	104.4686 ng/ml
Promethazine	5.552	2533239	3027.86	30.0	23430.88	1111382	97.7040 ng/ml
Pseudoephedrine	2.596	3038906	63986.18	17.0	7713.94	1518266	96.1461 ng/ml
Quetiapine	5.569	1707055	800.71	60.7	24029.15	261532	102.8959 ng/ml
Sertraline	5.796	552469	1335.21	92.1	14593.43	246782	93.8833 ng/ml
Temazepam	5.823	1618226	11930.69	26.5	455.66	812108	97.5851 ng/ml
Tramadol	4.259	2741020	3810.42	3.2	254.27	1497475	99.6618 ng/ml
Trazodone	5.163	1838065	1342.02	78.7	102326.83	764902	104.1183 ng/ml
Venlafaxine	5.050	2417866	142138.61	33.4	746.40	1351294	97.2396 ng/ml
Zolpidem	4.921	2655271	317173.41	29.2	4010.03	1212971	106.2916 ng/ml

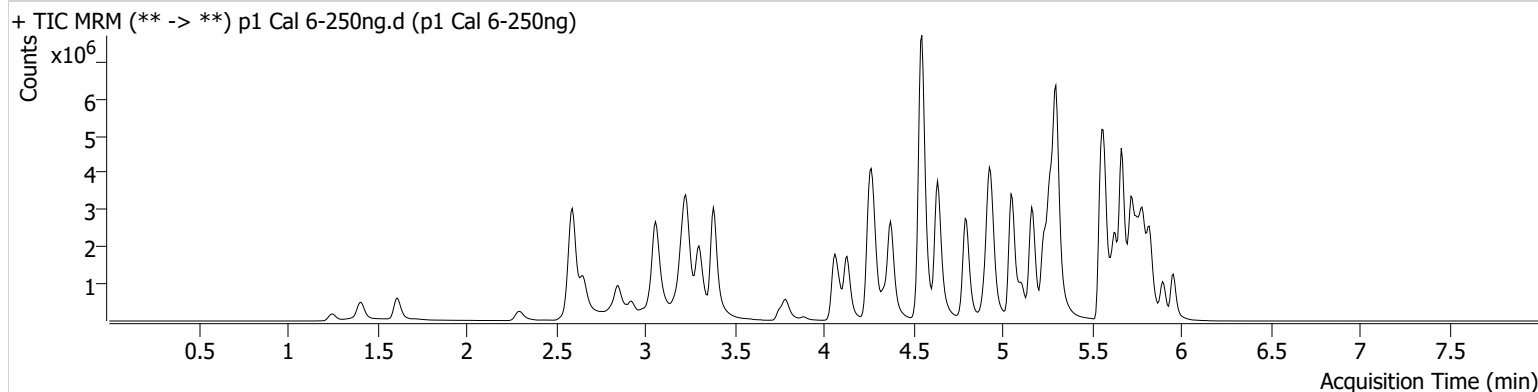
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 10:30:45 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	64625	24027.92	70.0	2105.37	70659	25.0664 ng/ml
7-aminoclonazepam	4.265	711884	5512.89	80.4	4865.55	124506	240.1345 ng/ml
a-hydroxyalprazolam	5.699	382888	614.21	65.7	759.14	250233	207.7601 ng/ml
alpha-PHP	4.944	1013613	51647.48	259.8	256874.40	696000	255.2891 ng/ml
alpha-PVP	4.376	4099754	384748.74	52.2	2156.19	696000	252.7627 ng/ml
Alprazolam	5.775	1812857	2700.82	107.5	3715.58	250233	259.7422 ng/ml
Amphetamine	3.063	5982029	525.54	48.2	23253.73	418982	236.0253 ng/ml
Benzoylcegonine	3.886	89907	496.95	8.0	6878.69	12259	246.8413 ng/ml
Buprenorphine	5.860	112187	13609.80	15.4	54339.90	151855	25.5691 ng/ml
Bupropion	4.795	4432876	146037.81	61.8	59902.58	640386	255.5817 ng/ml
Carisoprodol	5.730	1362172	6218.85	54.7	3230.61	236332	235.9008 ng/ml
Citalopram	5.232	2968643	308892.47	38.7	521.19	522687	249.9171 ng/ml
Clonazepam	5.612	1577400	64666.08	35.3	52137.83	93152	255.0436 ng/ml
Clonazepam	5.555	832760	5298.41	38.2	6956.19	93152	221.7084 ng/ml
Cocaine	4.277	2447811	562.02	54.4	105117.37	877248	249.0454 ng/ml
Codeine	2.593	299355	6256.21	101.6	7489.38	67030	253.3253 ng/ml
Cyclobenzaprine	5.635	3046466	49710.40	7.3	253.92	464543	250.5849 ng/ml
Dextromethorphan	5.275	1825415	33275.79	76.9	11968.85	352587	251.3646 ng/ml
Dextropropion	4.132	1165578	2032.23	218.3	70305.54	536650	246.8032 ng/ml
Diazepam	5.960	1280074	∞	91.9	609.45	251724	253.9685 ng/ml
Dihydrocodeine	2.565	858000	23966.35	62.4	688.04	233049	265.7758 ng/ml
Diphenhydramine	5.303	8958966	134277.90	31.1	23165.43	1855934	258.4739 ng/ml
Doxylamine	4.549	10224625	247758.31	97.8	12953.92	1739988	270.7099 ng/ml
EDDP	5.268	3350101	66268.05	40.9	1669.38	724029	253.0101 ng/ml
Etizolam	5.820	721420	4826.42	25.7	1936.17	93152	257.6336 ng/ml
Fentanyl	5.116	330002	441.03	74.3	252101.50	777089	24.9723 ng/ml
Flualprazolam	5.705	710237	9948.57	95.5	15123.64	250233	260.3007 ng/ml
Fluoxetine	5.727	2847258	55698.58	8.7	74155.31	400309	251.4564 ng/ml
Hydrocodone	3.032	1258030	1864.53	35.3	901.73	308340	249.0621 ng/ml
Hydromorphone	1.615	1144072	7534818.90	75.3	4308873.89	152956	246.5197 ng/ml
Ketamine	4.065	2650579	773.89	37.8	627.71	516487	254.4219 ng/ml
Lamotrigine	4.294	215728	2176.15	86.2	17097.64	516487	225.0247 ng/ml
Levetiracetam	2.656	1008258	2239.00	142.9	1173.04	1364802	235.3990 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	812317	18516.05	50.8	2934.26	93152	157.6251 ng/ml
MDA	3.209	3365267	8636.69	28.4	100.10	508339	248.9108 ng/ml
MDMA	3.303	2604828	11450.50	93.6	8021.89	122851	253.5350 ng/ml
Meprobamate	4.911	954988	205.88	24.9	426.78	264541	213.9339 ng/ml
Methadone	5.666	5732643	119936.99	50.7	66929.64	920019	252.3053 ng/ml
Methamphetamine	3.231	5995542	2906.13	37.9	1807.75	1044887	245.3714 ng/ml
Metoprolol	4.340	690286	5791.97	97.1	2304.97	1316558	252.5006 ng/ml
Mirtazapine	4.637	6836073	7915.42	45.2	156280.34	696000	263.9369 ng/ml
Mitragynine	5.244	1015132	738.95	35.9	151697.63	920019	248.4826 ng/ml
Morphine	1.253	198393	431.56	19.4	51.08	13654	260.6585 ng/ml
Norbuprenorphine	5.006	12234	49036.40	103.3	5296.68	23298	24.8553 ng/ml
Nordiazepam	5.900	1250530	19772.08	58.9	1173.20	174740	255.5854 ng/ml
Norfentanyl	4.093	647988	707.40	36.5	116.63	1056293	25.8680 ng/ml
Norhydrocodone	3.080	185651	∞	41.5	202.13	57179	262.5329 ng/ml
Noroxycodone	2.923	1034387	4139.12	48.7	565.67	141489	251.2360 ng/ml
O-desmethyl-tramadol	3.383	6320271	181525.72	5.6	856.64	1433900	254.8687 ng/ml
Oxazepam	5.756	1329271	29532.77	72.2	11432.53	221631	250.2681 ng/ml
Oxycodone	2.848	2610460	9536.21	29.4	1592.21	448540	251.9070 ng/ml
Oxymorphone	1.411	1206799	∞	46.2	∞	150821	268.0715 ng/ml
Phentermine	3.790	1521665	∞	5.5	1393.42	808909	241.1132 ng/ml
Promethazine	5.552	5955234	1206.42	29.2	1176.39	995435	256.0193 ng/ml
Pseudoephedrine	2.596	7040335	138504.18	16.7	39993.88	1364802	247.2746 ng/ml
Quetiapine	5.569	3773565	1838.96	59.6	4569.07	235680	253.2581 ng/ml
Sertraline	5.796	1164572	1101.31	91.2	668.51	200530	242.0934 ng/ml
Temazepam	5.823	2889767	25662.17	26.4	1214.48	563950	250.5582 ng/ml
Tramadol	4.259	6323819	∞	3.2	2874.16	1316558	262.6828 ng/ml
Trazodone	5.163	4520143	113583.22	78.7	1931.53	753834	260.5060 ng/ml
Venlafaxine	5.050	5813997	222744.40	32.9	40578.53	1245420	253.1543 ng/ml
Zolpidem	4.928	6083791	133948.43	28.5	62171.39	1159013	255.9366 ng/ml

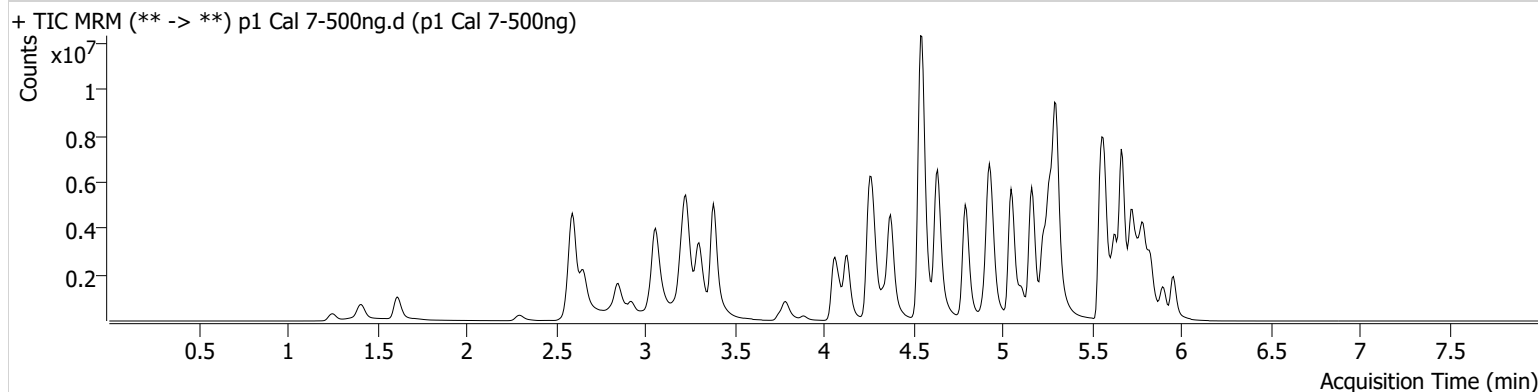
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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** Celena Shrum
Sample Position P6-G1 **Comment**
Injection Volume 2
Acq. Date-Time 2/11/2022 10:41:22 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	122766	4266.24	69.6	1519.46	67321	49.9672 ng/ml
7-aminoclonazepam	4.265	1148889	7320.08	79.7	8370.56	118011	409.5342 ng/ml
a-hydroxyalprazolam	5.692	481101	309.22	67.6	1029.34	196370	333.2890 ng/ml
alpha-PHP	4.944	1731445	57285.60	262.6	187419.11	637994	476.4569 ng/ml
alpha-PVP	4.376	7686822	3221.43	51.6	258263.29	637994	516.8473 ng/ml
Alprazolam	5.775	2713400	861.86	107.7	664.42	196370	495.4459 ng/ml
Amphetamine	3.063	9291198	329.89	48.1	340.77	384002	401.3267 ng/ml
Benzoylcegonine	3.886	196142	830.51	8.0	7202.08	13346	494.7972 ng/ml
Buprenorphine	5.860	222879	26085.14	15.2	44236.83	136807	56.3764 ng/ml
Bupropion	4.795	8432531	373401.03	61.6	7131.12	620218	502.1627 ng/ml
Carisoprodol	5.730	1684107	8237.29	54.5	4735.32	139823	491.2691 ng/ml
Citalopram	5.232	5042585	52758.19	37.7	47117.56	433203	512.0274 ng/ml
Clonazepam	5.612	2058733	37784.43	35.5	1712.09	68409	454.1381 ng/ml
Clonazepam	5.555	961711	72528.14	38.8	317863.33	68409	349.1047 ng/ml
Cocaine	4.277	4115820	∞	54.0	106705.83	738868	497.2372 ng/ml
Codeine	2.593	463993	9580.29	103.3	125.60	59768	441.0182 ng/ml
Cyclobenzaprine	5.635	5418981	1235.71	7.1	568.82	396753	521.6056 ng/ml
Dextromethorphan	5.275	2907067	105876.37	78.0	37365.41	279370	505.2904 ng/ml
Dextrophan	4.132	2109723	41896.34	218.1	1636.88	468296	511.9107 ng/ml
Diazepam	5.960	2193640	∞	91.0	∞	221219	495.5225 ng/ml
Dihydrocodeine	2.565	1502690	5494.64	63.0	22533.18	231258	470.5562 ng/ml
Diphenhydramine	5.303	15098322	100573.22	31.7	58490.04	1531455	527.6508 ng/ml
Doxylamine	4.549	18033840	2364.32	98.3	171623.65	1624071	511.7803 ng/ml
EDDP	5.268	5989188	86401.74	40.3	175807.13	633455	516.7961 ng/ml
Etizolam	5.820	1219035	1910.86	26.0	2413.83	68409	592.1309 ng/ml
Fentanyl	5.109	690634	252648.75	74.5	4532.79	782428	51.9121 ng/ml
Flualprazolam	5.705	1054423	3832.48	93.7	11177.71	196370	492.7300 ng/ml
Fluoxetine	5.727	5063860	108118.56	8.4	300632.41	339455	526.8428 ng/ml
Hydrocodone	3.025	2264488	436.14	35.7	272.98	291095	475.6162 ng/ml
Hydromorphone	1.615	2151186	13997969.43	73.9	4394983.85	141214	501.9849 ng/ml
Ketamine	4.065	4881865	176781.74	37.1	3211.56	491312	493.1168 ng/ml
Lamotrigine	4.294	334528	18839.57	85.4	45117.58	491312	367.4599 ng/ml
Levetiracetam	2.656	1929476	45042.40	144.6	2244.93	1148900	535.2594 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	817276	13640.23	50.6	4536.71	68409	216.9357 ng/ml
MDA	3.203	5009848	2173.40	28.0	154.26	407157	463.5761 ng/ml
MDMA	3.303	4659504	157939.91	93.8	54581.67	110684	503.3185 ng/ml
Meprobamate	4.904	1350790	4218.59	24.8	10014.61	230722	350.3934 ng/ml
Methadone	5.666	10102711	63861.75	50.3	29644.78	793180	514.7156 ng/ml
Methamphetamine	3.231	10865030	89204.34	37.2	3869.65	1013415	459.2903 ng/ml
Metoprolol	4.340	1138730	5262.70	97.5	4468.54	1214079	452.0831 ng/ml
Mirtazapine	4.637	12299675	183376.95	44.8	7943.09	637994	517.9070 ng/ml
Mitragynine	5.244	1839473	103583.81	35.8	29866.57	793180	521.8765 ng/ml
Morphine	1.253	357406	14573.73	21.1	3362.22	12880	498.1389 ng/ml
Norbuprenorphine	5.006	23373	277.30	97.8	164.14	20996	52.8875 ng/ml
Nordiazepam	5.906	1885136	37209.35	58.2	2325.64	135006	499.0870 ng/ml
Norfentanyl	4.093	1208547	420.49	36.0	22362.76	883102	57.6505 ng/ml
Norhydrocodone	3.080	357330	∞	41.3	141.73	51945	555.3846 ng/ml
Noroxycodone	2.923	1631996	2418.06	46.6	23512.88	113228	496.1740 ng/ml
O-desmethyl-tramadol	3.383	11987827	189695.57	5.5	2230.97	1326041	522.5621 ng/ml
Oxazepam	5.756	1283572	13160.92	73.2	6671.83	113645	471.6912 ng/ml
Oxycodone	2.848	4761752	∞	29.7	6546.85	419944	491.1841 ng/ml
Oxymorphone	1.411	1840624	∞	45.6	∞	130737	472.0173 ng/ml
Phentermine	3.790	2471791	∞	5.7	1032.14	762003	416.4469 ng/ml
Promethazine	5.552	11064196	5720.96	28.9	46008.91	909078	520.5737 ng/ml
Pseudoephedrine	2.596	12635341	179650.14	16.3	95848.02	1148900	526.8113 ng/ml
Quetiapine	5.569	6078066	1062.82	61.9	79089.15	196566	489.6369 ng/ml
Sertraline	5.796	2214813	∞	90.6	32557.10	182775	504.1553 ng/ml
Temazepam	5.830	3649188	41333.83	26.4	27228.56	354096	503.6701 ng/ml
Tramadol	4.252	11184304	117929.81	3.1	∞	1214079	504.4486 ng/ml
Trazodone	5.163	8650131	151994.64	79.2	141113.57	774816	485.4299 ng/ml
Venlafaxine	5.050	10733528	63282.47	32.3	4630.29	1109430	524.2857 ng/ml
Zolpidem	4.921	10820450	289254.07	27.4	1506.77	1078077	490.0683 ng/ml

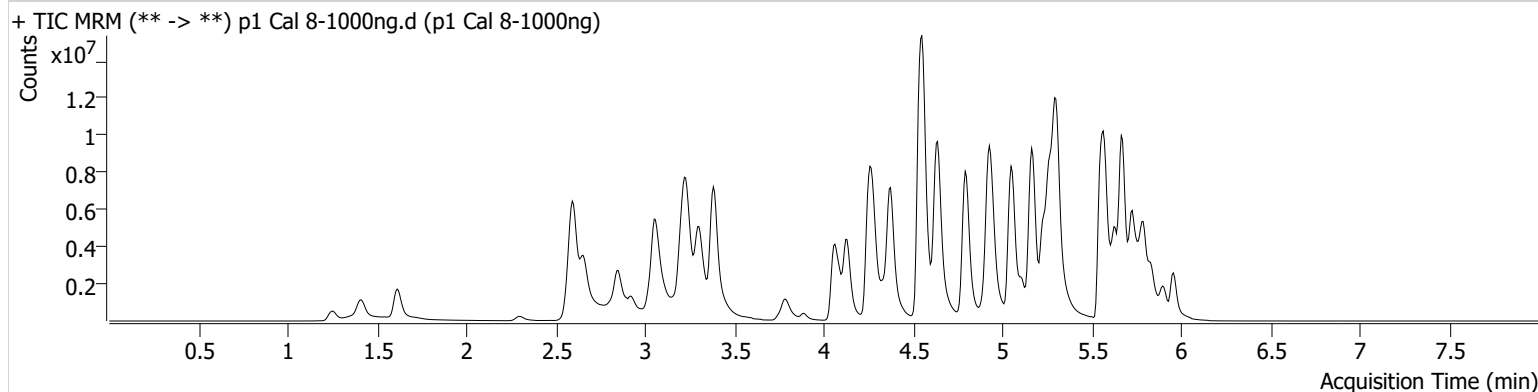
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 27 28 Urines 2-11-22 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 2/16/2022 1:26:31 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	Celena Shrum
Sample Position	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	2/11/2022 10:51:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	223535	11269.22	69.1	635.80	58454	104.7702 ng/ml
7-aminoclonazepam	4.265	1037781	4487.08	73.8	6845.44	70929	615.9568 ng/ml
a-hydroxyalprazolam	5.692	489624	148.45	65.0	164.09	138827	480.2484 ng/ml
alpha-PHP	4.944	2653584	60301.01	264.6	227261.83	537315	867.7213 ng/ml
alpha-PVP	4.376	13061198	2326.42	52.5	75183.18	537315	1042.6103 ng/ml
Alprazolam	5.775	3832473	522.55	107.1	499.52	138827	989.8758 ng/ml
Amphetamine	3.063	13468429	169.25	47.8	141.01	332189	673.8023 ng/ml
Benzoyllecgonine	3.886	381996	766.98	8.2	88.09	12706	1012.3389 ng/ml
Buprenorphine	5.860	426343	10082.77	14.9	84390.62	115788	127.4085 ng/ml
Bupropion	4.795	14598271	287003.24	62.1	474733.97	561140	961.0200 ng/ml
Carisoprodol	5.737	1796064	4863.60	53.3	5312.93	70556	1036.5656 ng/ml
Citalopram	5.226	7167679	71519.21	37.5	52607.39	306182	1029.5777 ng/ml
Clonazepam	5.612	2367281	4779.93	34.8	36497.92	43562	820.9583 ng/ml
Clonazepam	5.548	957817	1815.31	39.0	121.34	43562	546.4572 ng/ml
Cocaine	4.277	6557806	133147.13	53.0	66509.51	572377	1022.7666 ng/ml
Codeine	2.593	744215	2222.29	97.0	8087.94	50031	845.8620 ng/ml
Cyclobenzaprine	5.635	7873054	146121.39	7.0	1799.93	282668	1063.4064 ng/ml
Dextromethorphan	5.275	3904778	46831.21	77.4	29810.77	184825	1025.9557 ng/ml
Dextrophan	4.132	3625094	62028.68	218.3	23264.48	389817	1056.6763 ng/ml
Diazepam	5.960	3301627	203.00	90.0	19125.18	170825	966.1060 ng/ml
Dihydrocodeine	2.565	2501461	12596.82	62.5	447.87	228771	793.1467 ng/ml
Diphenhydramine	5.303	21159998	391123.28	34.3	11406.97	1145222	988.6872 ng/ml
Doxylamine	4.549	26494660	263618.32	98.4	42986.70	1471192	830.1842 ng/ml
EDDP	5.268	10293951	103406.44	40.7	41440.85	532224	1056.9944 ng/ml
Etizolam	5.820	1820275	18364.37	25.8	3684.57	43562	1387.7956 ng/ml
Fentanyl	5.109	1361942	73827.57	74.7	2182.32	758376	105.6241 ng/ml
Flualprazolam	5.705	1388755	94981.92	90.6	18743.80	138827	918.2294 ng/ml
Fluoxetine	5.727	6471920	22686.76	8.4	59287.20	206694	1105.2804 ng/ml
Hydrocodone	3.025	3916618	279.54	34.6	141.94	265020	904.2853 ng/ml
Hydromorphone	1.615	3890103	8310054.69	75.3	9307763.86	119113	1076.1056 ng/ml
Ketamine	4.059	8406196	173047.19	36.8	53631.64	447596	932.5233 ng/ml
Lamotrigine	4.294	425376	17468.69	85.8	65706.54	447596	513.2866 ng/ml
Levetiracetam	2.656	2959778	3748.88	146.2	137379.38	901811	1046.1426 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	822107	54529.83	51.2	697.79	43562	344.2333 ng/ml
MDA	3.203	6341499	1266.36	27.8	366.96	286052	836.1051 ng/ml
MDMA	3.303	7799649	138681.38	87.0	23667.36	91182	1022.6492 ng/ml
Meprobamate	4.904	1637678	1368.71	24.4	2111.40	198112	497.0158 ng/ml
Methadone	5.673	15148926	117621.21	52.5	67273.29	617683	990.1870 ng/ml
Methamphetamine	3.231	17708870	164486.87	36.6	56914.58	1006061	754.6751 ng/ml
Metoprolol	4.340	1689695	1307321.94	98.9	57165.22	1071006	760.7678 ng/ml
Mirtazapine	4.637	19417574	174407.44	46.5	147484.52	537315	970.6859 ng/ml
Mitragynine	5.243	2635280	257288.01	37.0	32506.28	617683	959.7812 ng/ml
Morphine	1.253	632520	76.68	19.2	337.11	11866	957.2851 ng/ml
Norbuprenorphine	5.006	45546	4660.35	93.2	7255.01	20754	104.4265 ng/ml
Nordiazepam	5.906	2334100	7150.04	57.9	18487.49	94157	886.3771 ng/ml
Norfentanyl	4.093	2053152	503.06	36.1	65.31	643674	134.3093 ng/ml
Norhydrocodone	3.080	633355	∞	43.2	∞	40395	1264.9071 ng/ml
Noroxycodone	2.923	2493938	7529.65	46.0	455.16	87893	977.6321 ng/ml
O-desmethyl-tramadol	3.383	20100102	77450.91	5.7	40557.83	1129163	1028.7937 ng/ml
Oxazepam	5.756	1189586	7917.04	72.7	13007.64	52795	941.4591 ng/ml
Oxycodone	2.848	8669649	1530.27	29.3	1204.94	383198	980.4560 ng/ml
Oxymorphone	1.411	3253222	∞	45.6	272.50	111408	979.4949 ng/ml
Phentermine	3.790	3940631	∞	5.6	∞	726305	697.1731 ng/ml
Promethazine	5.552	16230738	138706.11	30.2	2934.91	690288	1005.4667 ng/ml
Pseudoephedrine	2.603	20092359	111960.37	16.3	89800.29	901811	1066.9126 ng/ml
Quetiapine	5.569	8313656	566.99	61.2	63210.64	145734	903.8276 ng/ml
Sertraline	5.796	2665219	165238.20	91.2	48254.55	109506	1011.6851 ng/ml
Temazepam	5.830	3947992	23972.78	26.6	5888.80	193106	998.9578 ng/ml
Tramadol	4.252	17170326	∞	3.2	12700.86	1071006	878.4204 ng/ml
Trazodone	5.163	14748865	117074.52	79.1	136699.72	727793	881.5387 ng/ml
Venlafaxine	5.050	17669308	354525.82	33.3	57635.75	918113	1042.5794 ng/ml
Zolpidem	4.921	16732444	249634.33	28.2	163058.02	991476	824.5386 ng/ml

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

Extraction Date: 02/15/2022

Plate lot#: 211018

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

Blank Blood Lot: Lampire 22B52016-2

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

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 04/18/2022

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC031319

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. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- ☒ 3. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- ☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 5. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- ☒ 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- ☒ 7. Wait 5 minutes.
- ☒ 8. Add **900uL ethyl acetate**.
- ☒ 9. Wait 5 minutes.
- ☒ 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- ☒ 11. Add **900uL ethyl acetate**.
- ☒ 12. Wait 5 minutes.
- ☒ 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- ☒ 14. Remove plate containing eluate. **Urine samples add 50 ul 1% HCl in MeOH.** Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 15. 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 R^2 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.

Curve limits: Only methamphetamine evaluated.

CS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2022-0096-1*		IS + Cal. 1	IS + QC_1		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2022-0184-2*		IS + Cal. 2	IS + QC_2		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2022-0202-2*		IS + Cal. 3	IS + QC_3		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2022-0307-1*		IS + Cal. 4	IS + QC_4		IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2022-0350-1*		IS + Cal. 5	IS + QC_2		IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Urine NEG			IS + Cal. 6			IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	EMPTY			IS + Cal. 7			IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	Blood NEG			IS + Cal. 8			IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

*Samples moved one column to the right during the SLE portion of the extraction (i.e.- A3 moved to A4, E3 moved to E4, etc.)

AM #28 Multi-Drug Quant. Results

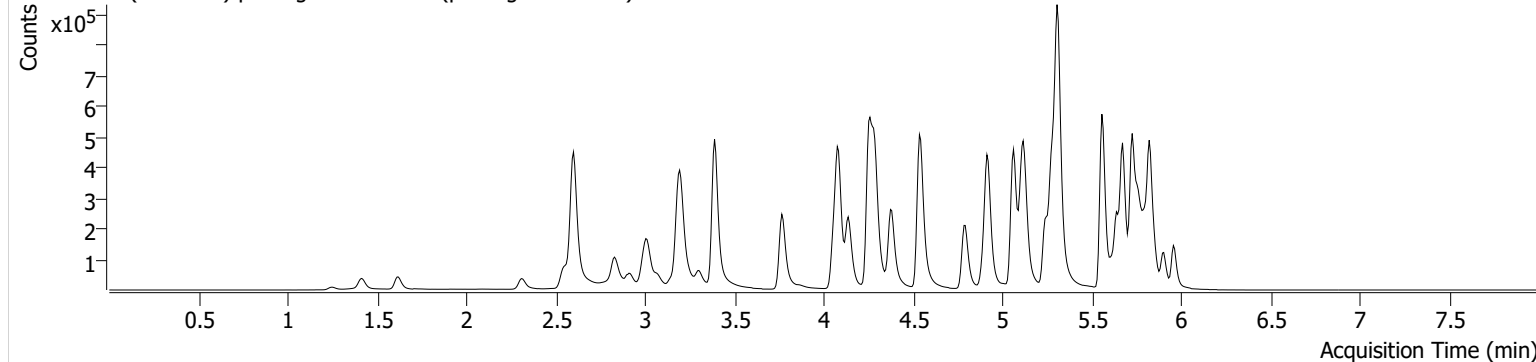


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-H2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 2:50:06 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Negative Blood.d (p1 Negative Blood)



AM #28 Multi-Drug Quant. Results

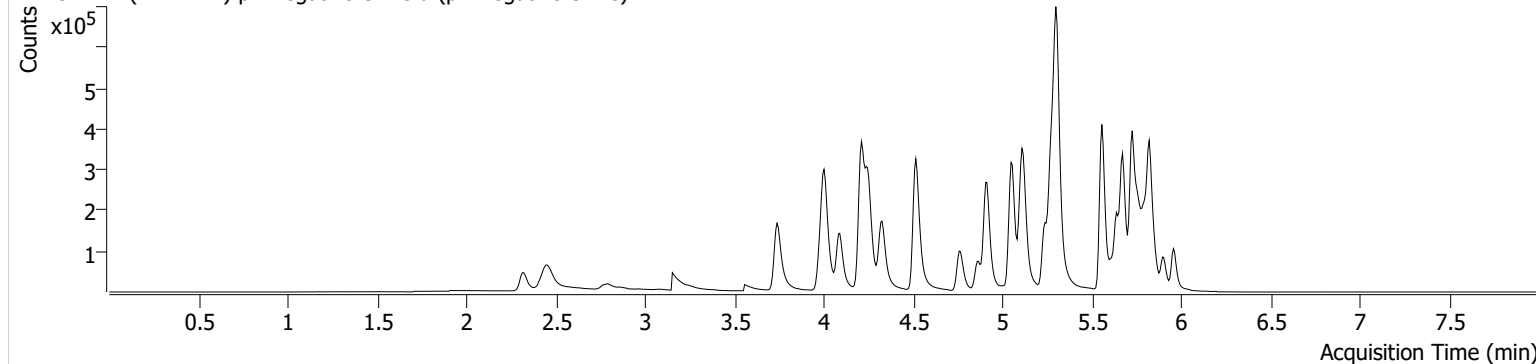


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 3:14:28 PM		
Sample Info.			

Sample Chromatogram

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



Incorrect well position was specified, so sample was reinjected.

AM #28 Multi-Drug Quant. Results

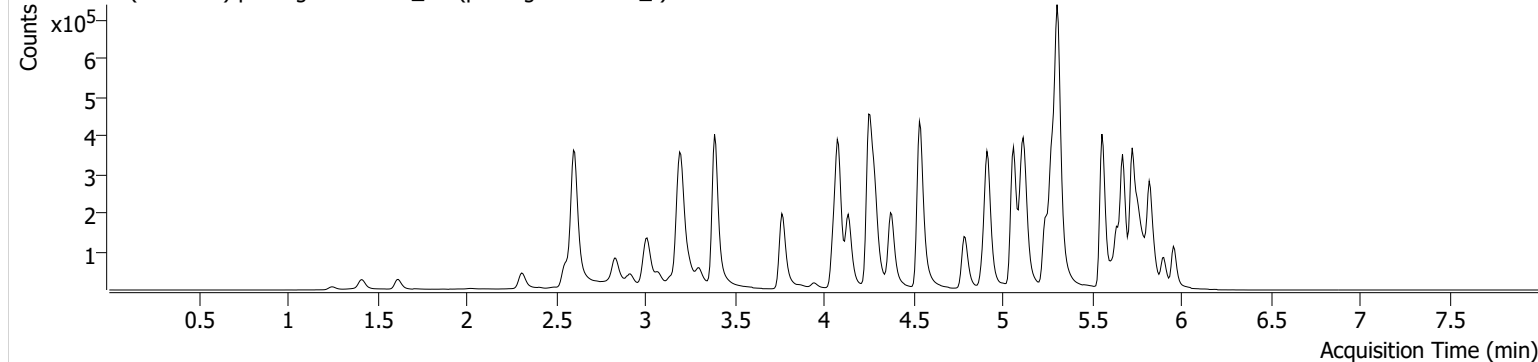


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine_r.d
Type	Sample	Sample	p1 Negative Urine_r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 5:21:59 PM		Reinjection data.
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Negative Urine_r.d (p1 Negative Urine_r)



AM #28 Multi-Drug Quant. Results

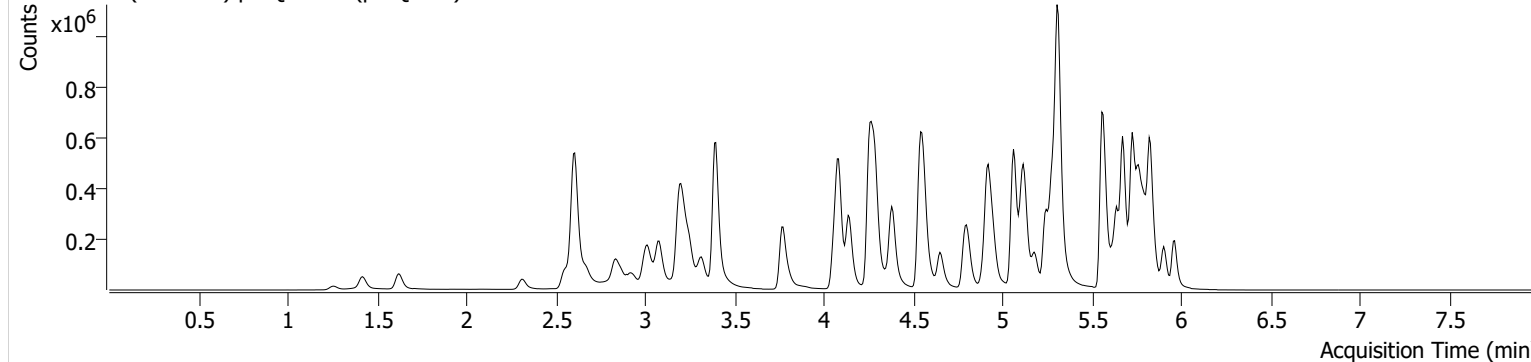


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 1:14:35 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 QC 10.d (p1 QC 10)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	222717	1122.98	39.0	429.90	831748	10.7004 ng/ml

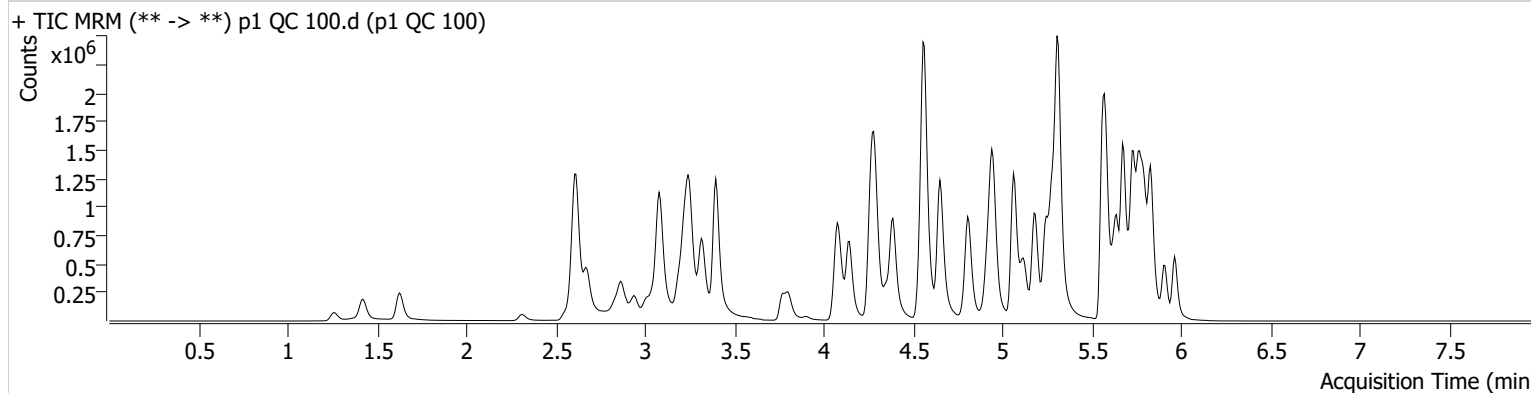
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 5:53:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	1846610	13263.26	38.8	7535.84	766868	107.9908 ng/ml

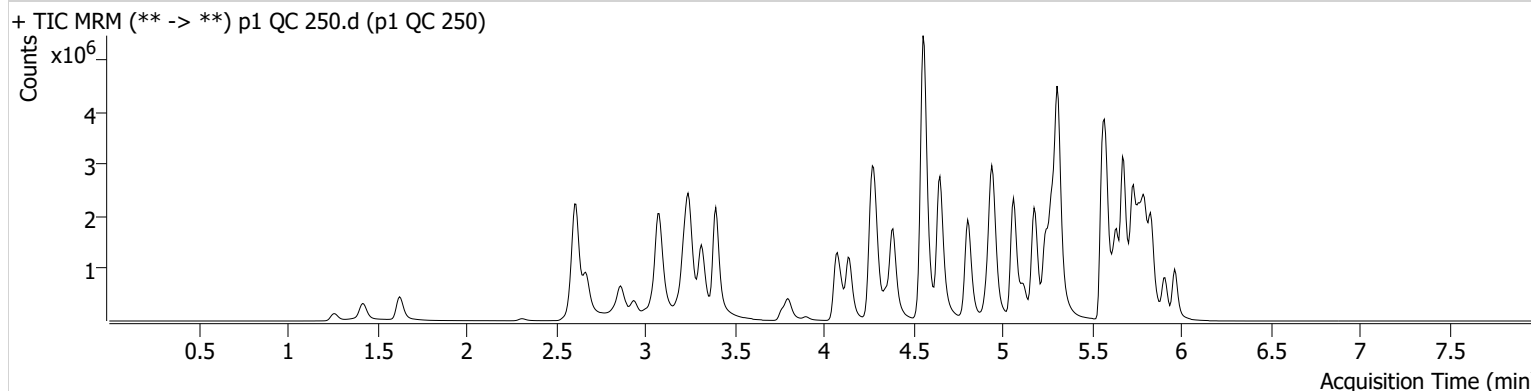
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 1:35:50 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	3892400	44904.36	38.4	32879.25	679163	259.0567 ng/ml

AM #28 Multi-Drug Quant. Results

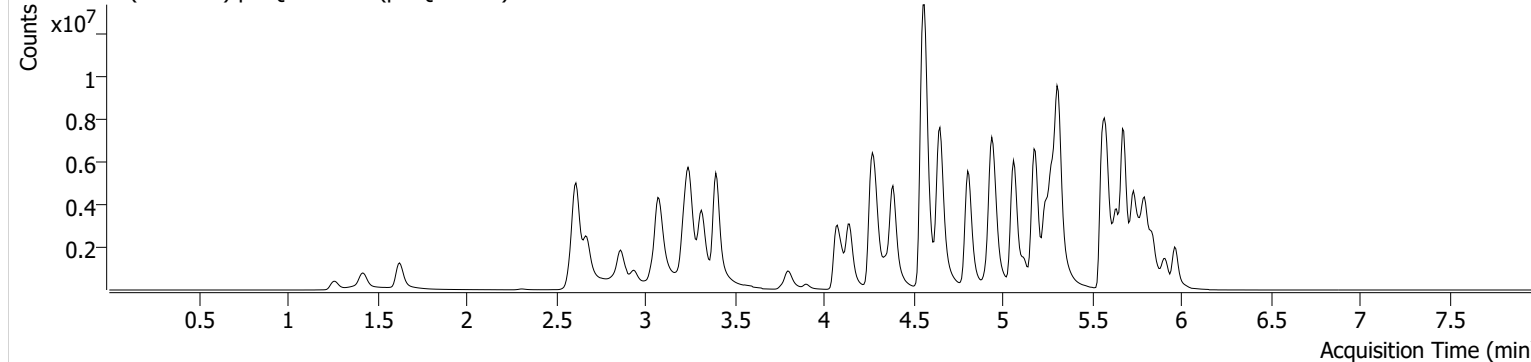


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 1:57:04 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 QC 1000.d (p1 QC 1000)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	11583552	170399.44	36.8	5512.82	620938	846.5466 ng/ml

AM #28 Multi-Drug Quant. Results



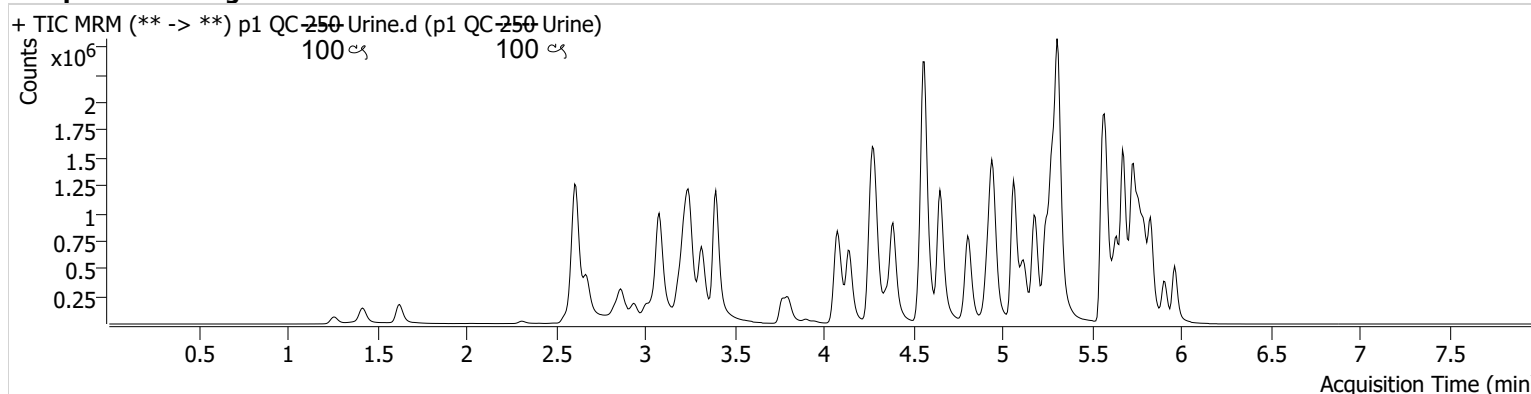
Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin

Calibration Last Update 2/16/2022 1:28:27 PM

Data File is p1 QC 250 Urine. Sample name should be p1 QC 100 Urine. 2/17/22

Instrument	Falco (069901)	Data File	p1 QC 250 Urine.d P1 QC 100 Urine
Type	QC	Sample	p1 QC 250 Urine P1 QC 100 Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-E2	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 2:18:15 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	1772507	956.17	38.4	862.14	745985	106.5394 ng/ml

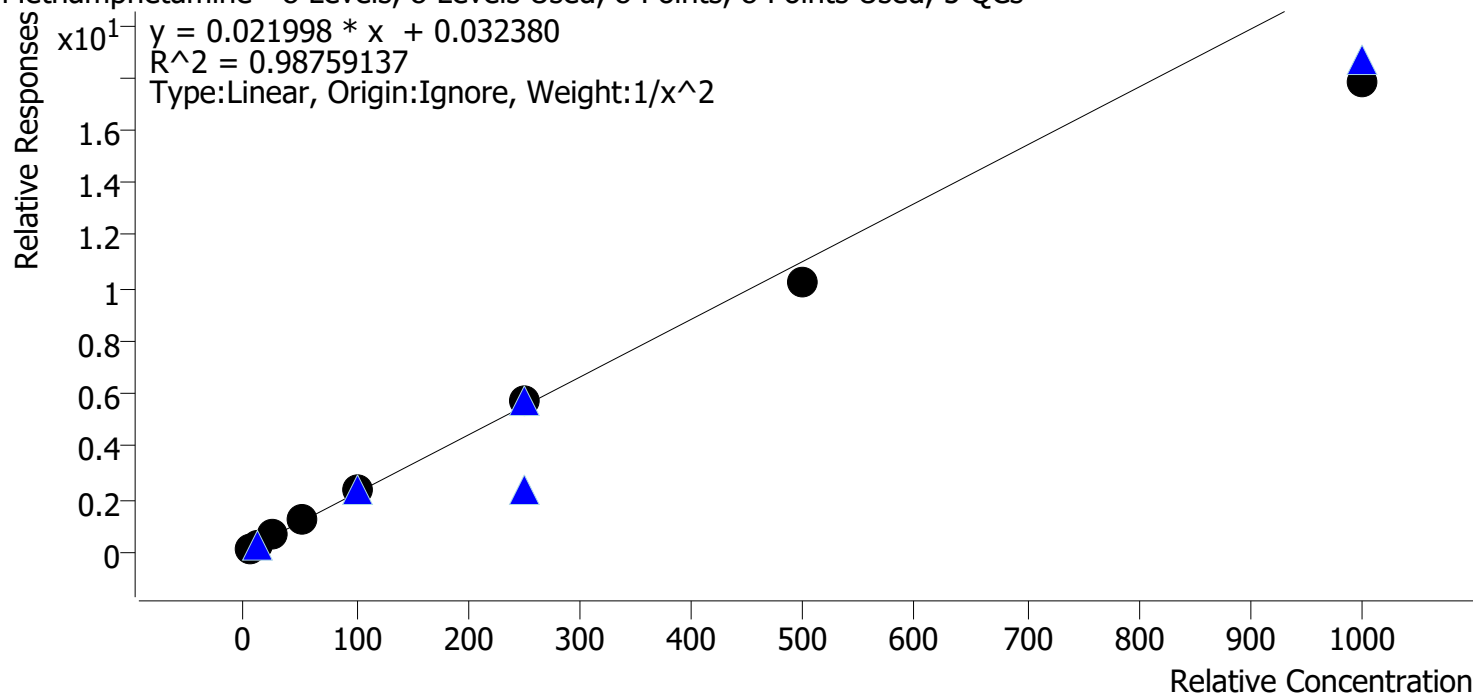
29



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Last Cal. Update 2/16/2022 1:28 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 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	94.2
p1 Cal 2-10ng	2	✓	10.0	10.6	106.2
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	466.6	93.3
p1 Cal 8-1000ng	8	✓	1000.0	807.7	80.8

AM #28 Multi-Drug Quant. Results

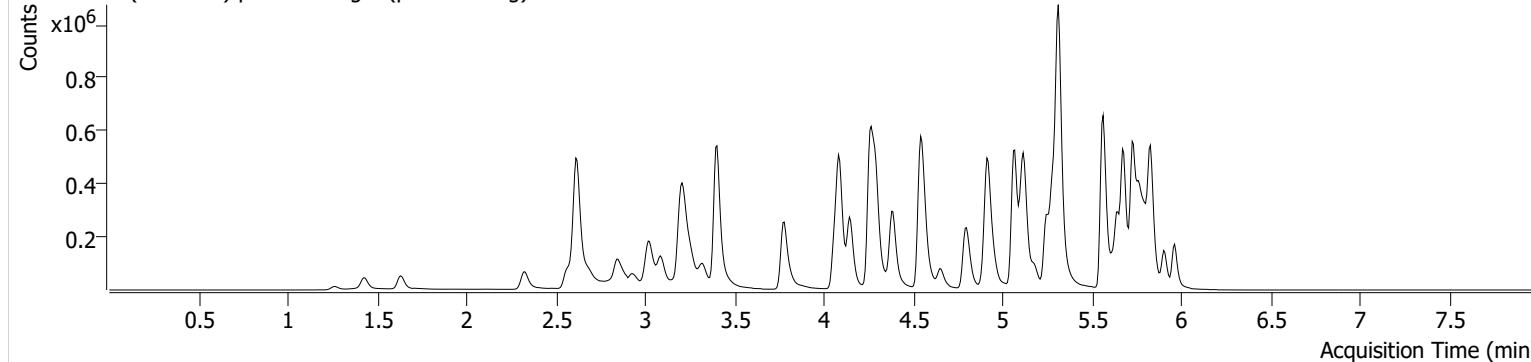


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

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	Celena Shrum
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 11:17:37 AM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 1-5ng.d (p1 Cal 1-5ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.264	120044	398.19	39.4	1628.27	882618	4.7108 ng/ml

AM #28 Multi-Drug Quant. Results

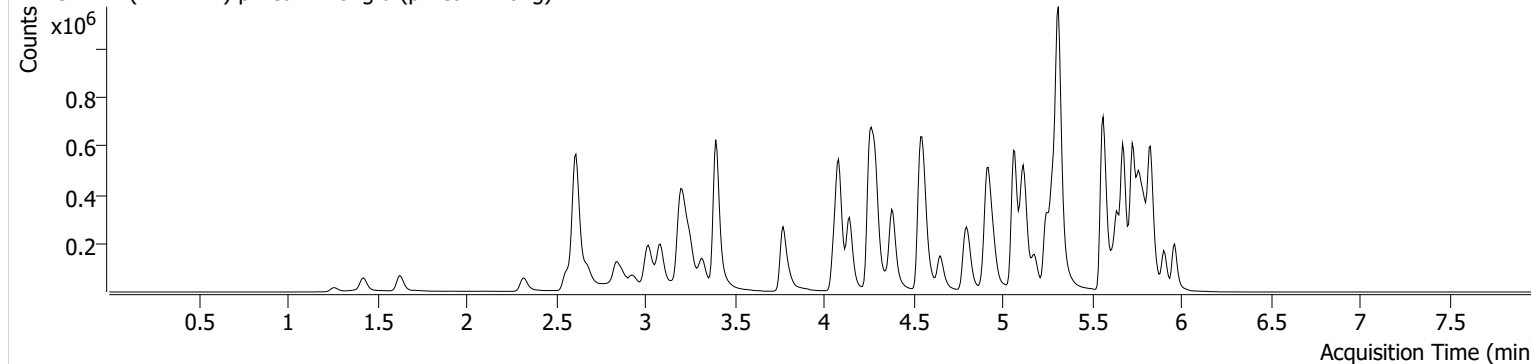


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

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	Celena Shrum
Sample Position	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 11:28:24 AM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 2-10ng.d (p1 Cal 2-10ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.258	232429	259.49	38.7	399.09	873735	10.6208 ng/ml

AM #28 Multi-Drug Quant. Results

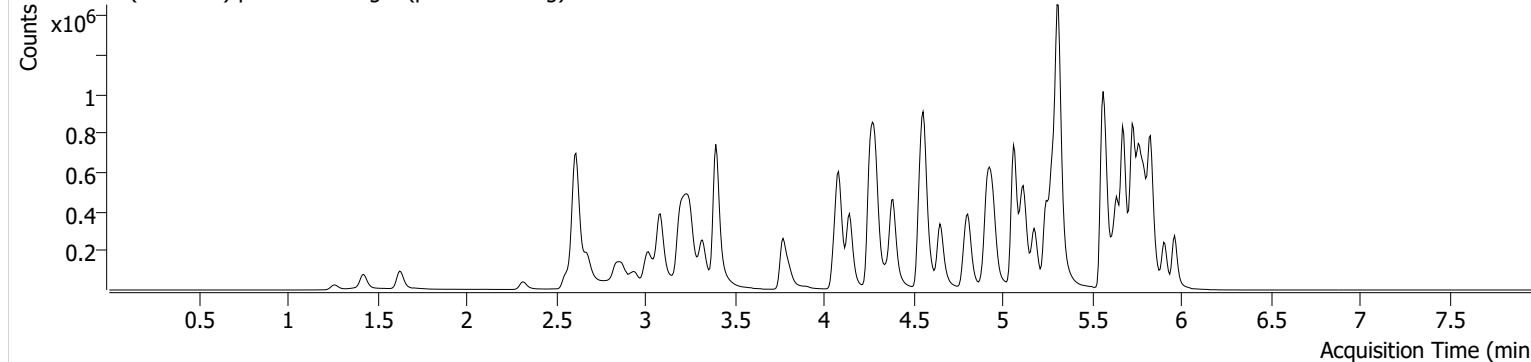


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

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	Celena Shrum
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 11:39:00 AM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 3 -25ng.d (p1 Cal 3 -25ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.258	553127	5160.53	39.0	483.84	876506	27.2149 ng/ml

AM #28 Multi-Drug Quant. Results

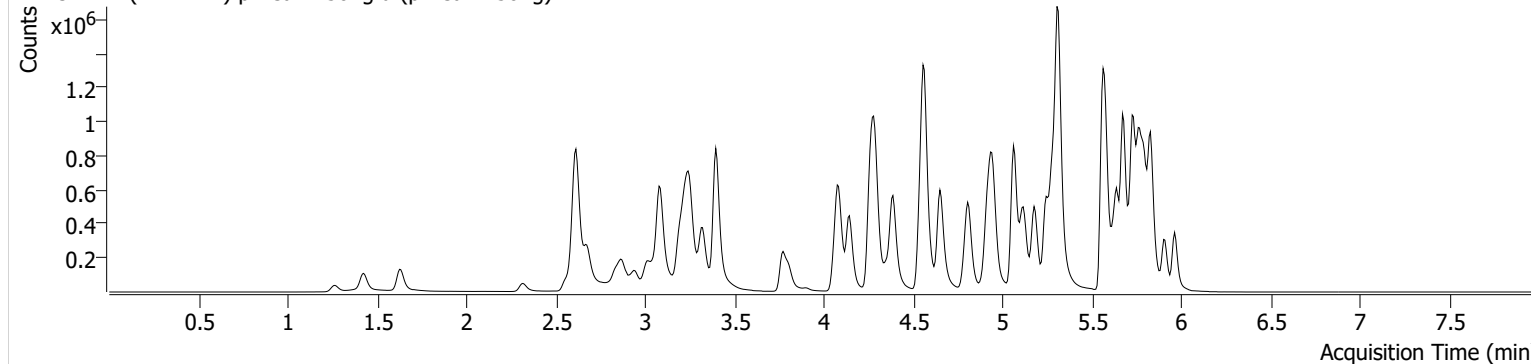


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

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	Celena Shrum
Sample Position	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 11:49:36 AM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 4-50ng.d (p1 Cal 4-50ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.258	910644	1661.00	39.2	1058.85	752889	53.5113 ng/ml

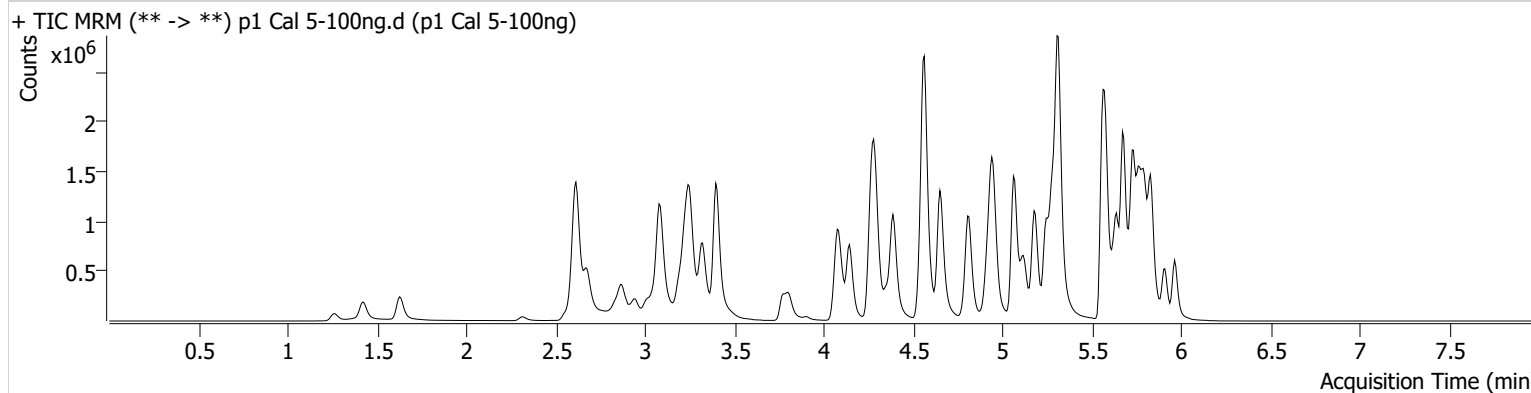
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 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	Celena Shrum
Sample Position	P6-E1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 12:00:12 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	2040150	19838.62	38.8	14640.68	863762	105.8973 ng/ml

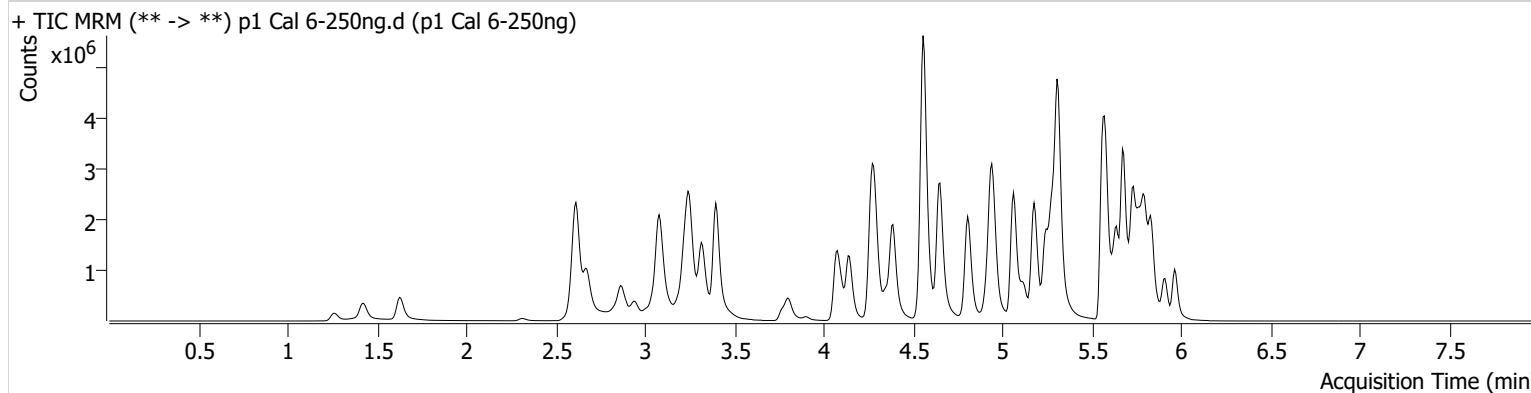
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 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	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 12:10:49 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	4233698	61945.71	38.0	1224.51	738158	259.2529 ng/ml

AM #28 Multi-Drug Quant. Results

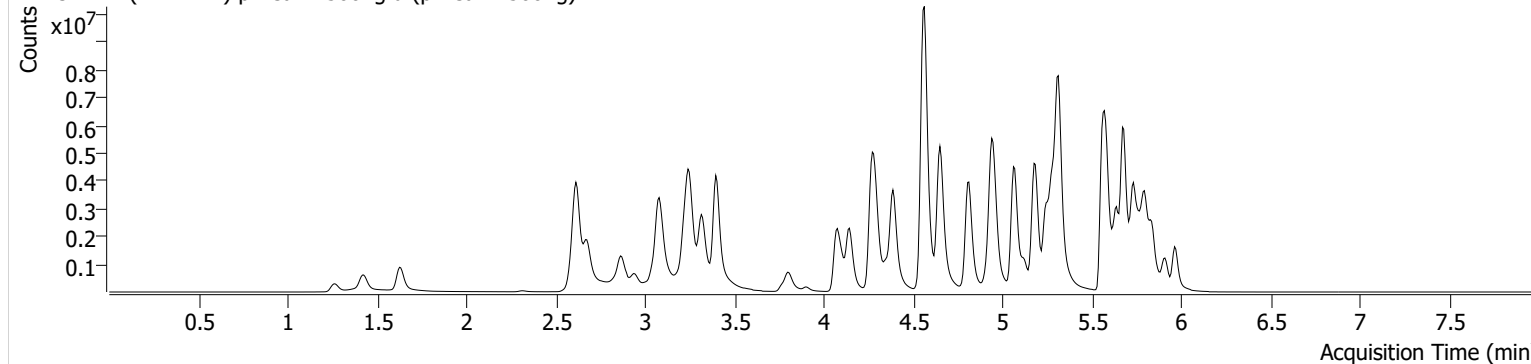


Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 PM

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	Celena Shrum
Sample Position	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 12:21:25 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 7-500ng.d (p1 Cal 7-500ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	8263066	8200.15	37.3	33656.80	802464	466.6160 ng/ml

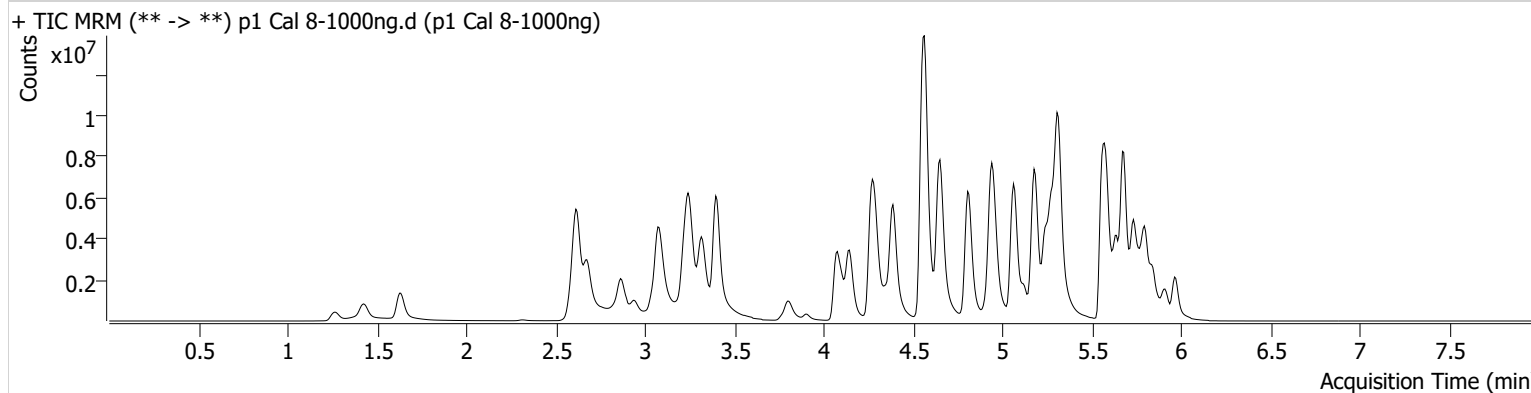
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\AM 28 Re-extract 2-15-22 CS\QuantResults\AM 28 re-extract methamphetamine only.batch.bin
Calibration Last Update 2/16/2022 1:28:27 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	Celena Shrum
Sample Position	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	2/15/2022 12:32:01 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.251	13177011	7368.23	36.5	6885.59	740242	807.7268 ng/ml