

REVIEWED

By Tamara Salazar at 8:42 am, Aug 13, 2020

8/12/2020

CS

Worklist: 4428

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2020-2386	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-1955	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-1960	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2022	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2115	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2152	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2153	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2154	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2168	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2235	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-2278	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 08/07/2020

Analyst: Celena Shrum

Plate lot#: 200513

Plate Expiration: 11/13/20

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot:445283-4

Urine Blank lot: POC031319

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate. **Pipette ID: #42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. **Urine samples add 50 ul 1% HCl in MeOH**. Place on SPE Dry and evaporate to dryness at approx. 35°C. *SPE Dry ID: 067103*
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

Curve limits: Amphetamine 5-500, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-500, Norbuprenorphine 2.5-100,

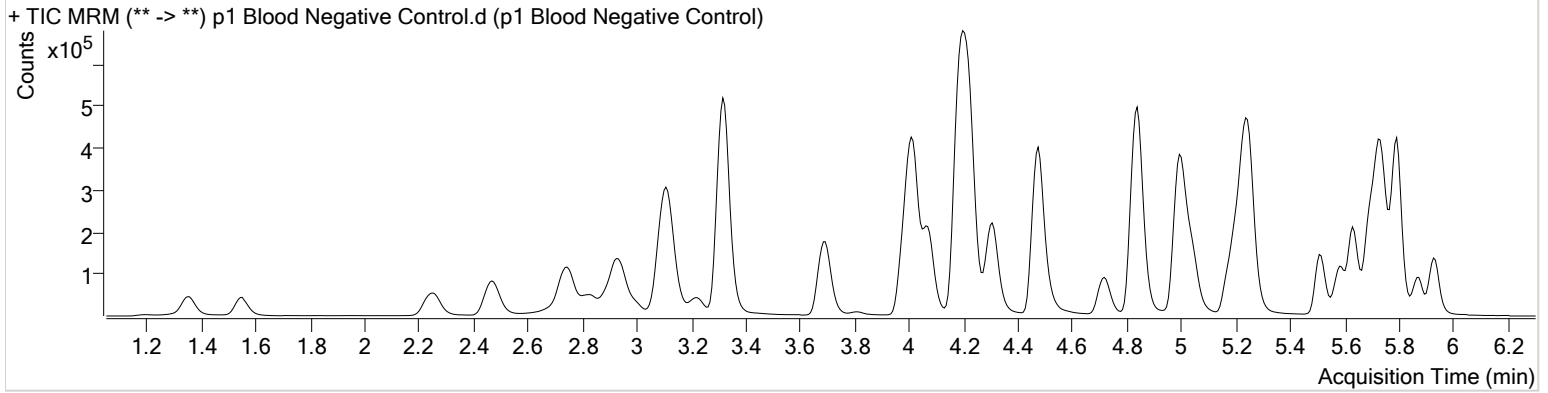
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Blood Negative Control.d
Type	Sample	Sample	p1 Blood Negative Control
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-F6	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 11:37:31 PM		
Sample Info.			

Sample Chromatogram



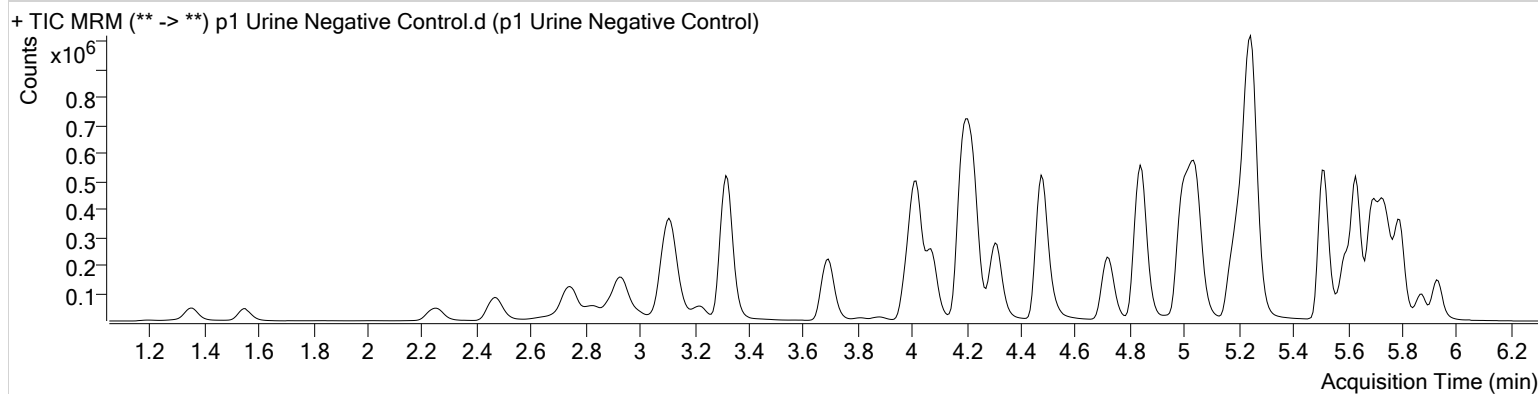
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Urine Negative Control.d
Type	Sample	Sample	p1 Urine Negative Control
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-G6	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 11:48:07 PM		
Sample Info.			

Sample Chromatogram



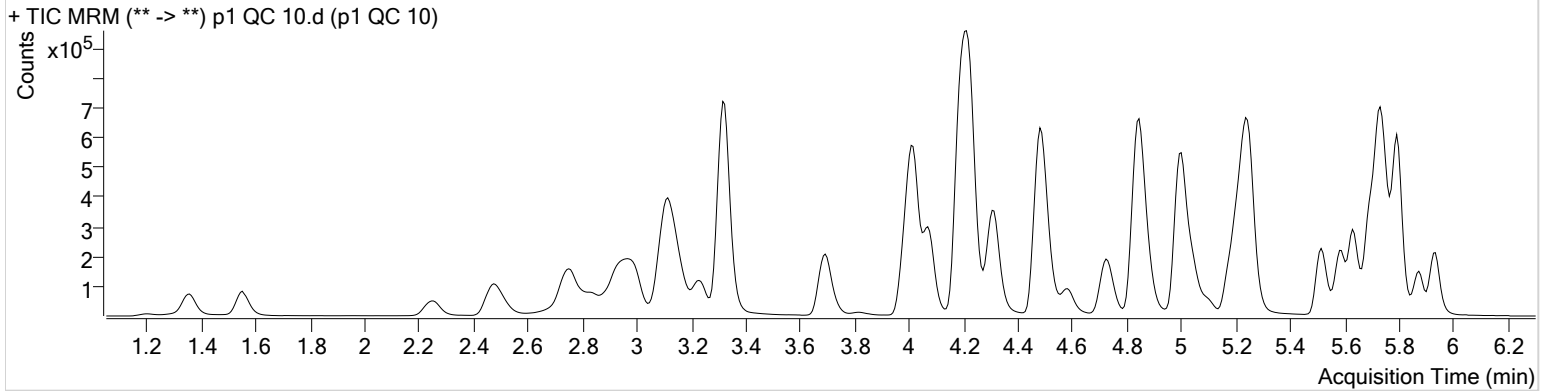
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-A6	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 9:40:57 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	4004	651.52	68.1	7613.32	78991	1.0662 ng/ml
7-aminoclonazepam	4.223	77871	907.40	83.3	171.86	290014	10.0348 ng/ml
a-hydroxyalprazolam	5.674	35295	783.14	63.4	463.82	81633	10.2338 ng/ml
alpha-PHP	4.888	41066	7218.77	264.9	1994.63	779433	10.6304 ng/ml
alpha-PVP	4.322	184644	1990.82	51.3	2323.18	779433	10.2595 ng/ml
Alprazolam	5.751	115816	690.33	105.3	948.21	332917	10.1442 ng/ml
Amphetamine	2.990	303236	3081.12	51.8	1431.68	298368	10.2132 ng/ml
Benzoylecgonine	3.838	5967	279.64	8.9	60.68	23026	9.1350 ng/ml
Buprenorphine	5.796	3442	57.70	14.4	28.41	136629	1.0707 ng/ml
Bupropion	4.739	136652	819.74	60.0	626.56	445869	10.0773 ng/ml
Carisoprodol	5.700	103193	2025.62	55.3	2008.52	482244	9.9928 ng/ml
Citalopram	5.183	87766	445.20	42.9	98.65	385645	10.0327 ng/ml
Clonazepam	5.588	153742	3674.92	33.0	1455.80	182678	9.5130 ng/ml
Cocaine	4.223	198737	2570.40	45.4	320.49	1420195	10.0680 ng/ml
Codeine	2.523	20526	268.83	104.3	546.92	95007	9.9266 ng/ml
Cyclobenzaprine	5.598	36588	∞	9.2	62.78	127373	11.4298 ng/ml
Dextromethorphan	5.226	40516	304.46	79.1	1698.66	178791	10.6771 ng/ml
Dextrophan	4.077	48760	4730.98	212.1	978.03	622037	10.0717 ng/ml
Diazepam	5.936	83092	468.46	87.3	451.27	381232	10.3388 ng/ml
Dihydrocodeine	2.502	52996	1029.02	64.7	288.54	277744	10.1970 ng/ml
Diphenhydramine	5.253	195482	8819.73	32.3	1637.10	1313485	10.3195 ng/ml
Doxylamine	4.494	382248	4785.64	98.6	18567.66	1585774	10.0252 ng/ml
EDDP	5.218	126190	432.55	43.0	342.92	665101	9.9662 ng/ml
Fentanyl	5.053	4152	191.41	59.4	233.38	161817	1.1547 ng/ml
Fluoxetine	5.690	36739	358.54	9.0	114.67	124413	11.9306 ng/ml
Hydrocodone	2.966	71062	320.90	36.7	121.20	416275	10.6209 ng/ml
Hydromorphone	1.561	56474	∞	80.1	520.70	183291	9.7900 ng/ml
Ketamine	4.003	159267	2985.61	39.1	515.11	669727	10.1580 ng/ml
Lamotrigine	4.232	13067	1021.09	84.2	451.10	669727	11.2693 ng/ml
Lorazepam	5.729	132149	∞	56.2	1022.70	182678	9.6226 ng/ml
MDA	3.143	213433	2509.37	21.3	467.56	451838	10.5067 ng/ml
MDMA	3.237	149918	11170.21	64.5	1757.18	138693	10.1342 ng/ml
Meprobamate	4.869	46663	1737.09	27.2	111.57	246431	10.0532 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	108245	1326.23	53.8	3401.16	486155	10.5993 ng/ml
Methamphetamine	3.171	197118	264.47	40.6	496.06	824017	10.9182 ng/ml
Metoprolol	4.285	31153	3758.48	94.4	775.08	1798160	10.3857 ng/ml
Mirtazapine	4.582	157244	30133.46	49.0	1504.42	779433	10.9935 ng/ml
Mitragynine	5.188	21331	1840.93	40.5	9589.73	486155	11.2684 ng/ml
Morphine	1.206	9265	389.18	22.7	41.23	9981	10.1391 ng/ml
Norbuprenorphine	4.950	376	57.00	95.3	13.11	15250	0.9363 ng/ml*
Nordiazepam	5.882	77591	2991.84	58.6	605.86	241166	10.3909 ng/ml
Norfentanyl	4.044	29178	468.80	36.9	355.32	1301732	0.9988 ng/ml
Norhydrocodone	3.014	7172	59.41	44.7	∞	73683	9.8117 ng/ml
Noroxycodone	2.858	65112	706.21	48.5	379.24	215053	10.2608 ng/ml
O-desmethyl-tramadol	3.323	371080	7232.87	6.0	1383.24	1938026	9.9099 ng/ml
Oxazepam	5.732	148118	1730.15	70.8	620.43	867808	10.1262 ng/ml
Oxycodone	2.776	143906	1832.00	30.7	973.11	608313	9.9201 ng/ml
Oxymorphone	1.356	57026	1396.22	48.3	1341.93	207102	9.6574 ng/ml
Phentermine	3.729	53872	898.25	3.5	139.66	684620	10.7147 ng/ml
Promethazine	5.515	80260	1611.11	31.8	430.75	311772	11.3835 ng/ml
Quetiapine	5.525	84082	∞	59.7	57.69	105852	10.4230 ng/ml
Sertraline	5.758	18346	98.46	94.0	211.55	64079	11.6837 ng/ml
Temazepam	5.799	241298	540.50	29.5	327.87	1139881	10.2321 ng/ml
Tramadol	4.204	364595	885.18	3.4	204.24	1798160	10.1807 ng/ml
Trazodone	5.100	74575	2675.37	78.6	3475.34	296733	10.3056 ng/ml
Venlafaxine	5.001	269686	1280.26	36.7	1066.33	1331380	10.6770 ng/ml
Zolpidem	4.858	334663	22000.23	31.4	5264.77	1596668	10.1107 ng/ml

*Outside curve range

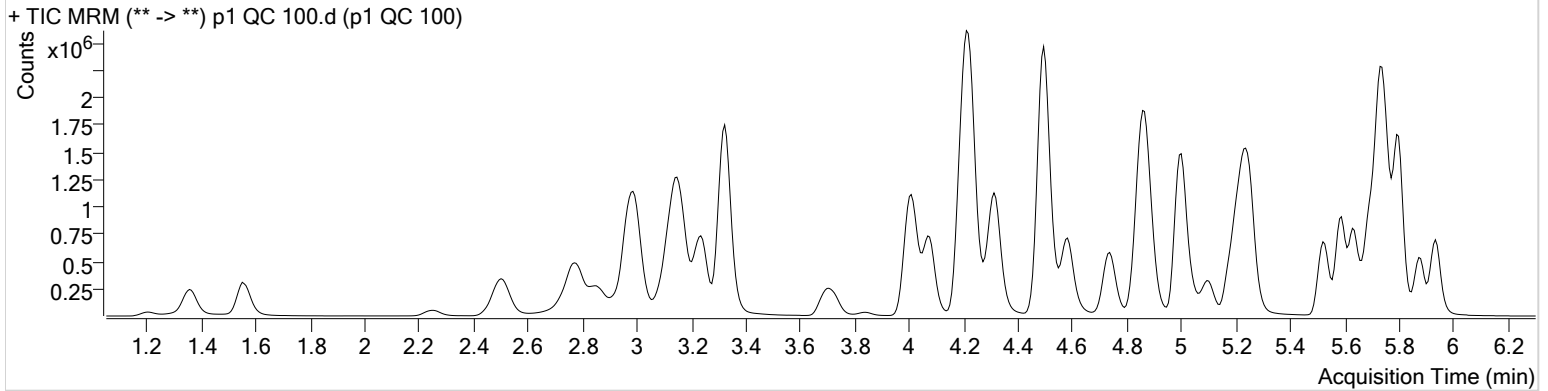
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-B6	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 10:02:09 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	37506	522.39	71.6	1699.61	76682	10.4238 ng/ml
7-aminoclonazepam	4.223	662050	∞	82.8	9707.13	237838	107.3144 ng/ml
a-hydroxyalprazolam	5.674	327603	1313.71	61.2	539.69	74597	107.3294 ng/ml
alpha-PHP	4.888	359952	74463.17	263.8	65042.41	701503	111.2917 ng/ml
alpha-PVP	4.322	1697038	1827.04	50.3	734.14	701503	101.0358 ng/ml
Alprazolam	5.751	1059224	2877.87	104.7	1124.18	285764	101.0190 ng/ml
Amphetamine	2.990	2572485	20044.65	51.3	32485.77	272365	104.2597 ng/ml
Benzoylcegonine	3.838	57619	1889.71	7.4	1105.03	20749	103.4751 ng/ml
Buprenorphine	5.796	27110	367.13	16.5	436.26	105361	10.5252 ng/ml
Bupropion	4.739	1024150	4271.85	60.3	4451.81	320763	105.3067 ng/ml
Carisoprodol	5.700	929203	4849.28	54.6	5666.09	420715	106.3517 ng/ml
Citalopram	5.183	723201	1896.79	42.7	7371.91	309653	103.1632 ng/ml
Clonazepam	5.588	1445884	3619.07	32.7	1766.13	163423	104.1189 ng/ml
Cocaine	4.223	1843543	2684145.20	44.1	44748.62	1252331	103.3136 ng/ml
Codeine	2.523	196302	8831.43	104.6	1389.52	85675	106.4453 ng/ml
Cyclobenzaprine	5.598	218409	499.65	9.8	354.42	82476	104.6816 ng/ml
Dextromethorphan	5.226	316357	572579.80	79.3	367.62	141199	103.1675 ng/ml
Dextrophan	4.077	459704	2305.29	211.1	1334.70	567559	102.0756 ng/ml
Diazepam	5.936	771316	6774.25	87.4	∞	350493	104.7638 ng/ml
Dihydrocodeine	2.502	517339	1717.33	63.9	1061.78	263318	111.4623 ng/ml
Diphenhydramine	5.253	1638533	78209.03	32.7	10662.07	1056769	103.3639 ng/ml
Doxylamine	4.494	3646185	85388.15	97.8	∞	1450824	105.0939 ng/ml
EDDP	5.218	1221559	6523.36	43.1	1028.74	640499	101.1899 ng/ml
Fentanyl	5.053	25299	246.52	66.7	1455.41	112170	10.3219 ng/ml
Fluoxetine	5.690	170881	991.67	8.9	2946.11	66659	104.5919 ng/ml
Hydrocodone	2.966	646438	∞	38.2	255.77	391349	107.3113 ng/ml
Hydromorphone	1.561	526594	865.37	76.9	1798.57	170684	99.9164 ng/ml
Ketamine	4.003	1522102	87796.46	39.2	2309.05	627988	107.2718 ng/ml
Lamotrigine	4.239	113650	3212.78	80.4	3489.79	627988	107.9458 ng/ml
Lorazepam	5.729	1042932	1335.63	55.8	10933.90	163423	91.4202 ng/ml
MDA	3.137	1820507	5468.18	20.5	1176.26	379970	112.4513 ng/ml
MDMA	3.237	1401864	∞	65.3	28217.23	121654	108.0308 ng/ml
Meprobamate	4.869	404491	8762.06	26.4	8400.25	209985	106.9459 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	907024	1919.56	51.3	784.91	400763	104.9640 ng/ml
Methamphetamine	3.165	1742827	∞	42.1	3366.66	772377	113.5809 ng/ml
Metoprolol	4.285	282878	613794.80	96.5	∞	1679024	106.0186 ng/ml
Mirtazapine	4.582	1371186	13031.18	48.9	∞	701503	115.4578 ng/ml
Mitragynine	5.188	171982	52785.98	39.4	∞	400763	118.9432 ng/ml
Morphine	1.206	86508	2114.06	22.7	886.90	9048	107.3955 ng/ml
Norbuprenorphine	4.944	3071	113.75	86.7	8364.31	12852	10.9207 ng/ml
Nordiazepam	5.882	724040	1596.90	58.1	1000.06	222617	105.9575 ng/ml
Norfentanyl	4.044	261754	2914.73	37.2	2008.14	1116927	9.8847 ng/ml
Norhydrocodone	3.021	60466	199.69	43.5	69.32	55958	102.4252 ng/ml
Noroxycodone	2.858	609933	∞	47.0	30166.75	189843	108.9834 ng/ml
O-desmethyl-tramadol	3.323	3653288	4338.31	6.0	6474.61	1802704	104.1168 ng/ml
Oxazepam	5.732	1224705	∞	71.5	4928.16	689452	108.7650 ng/ml
Oxycodone	2.776	1422665	6852.30	30.8	3022.07	574984	105.9394 ng/ml
Oxymorphone	1.356	540461	5755.76	48.1	∞	188728	104.2523 ng/ml
Phentermine	3.729	505155	3878.38	3.2	906.62	623722	113.4352 ng/ml
Promethazine	5.515	486667	4229.81	31.4	3422.39	204948	103.6423 ng/ml
Quetiapine	5.525	699854	1210230.05	59.7	∞	84734	107.6790 ng/ml
Sertraline	5.765	80070	237.36	94.0	630.68	29870	103.2593 ng/ml
Temazepam	5.799	2282527	∞	29.6	2381.69	1039947	105.3881 ng/ml
Tramadol	4.205	3377784	6418.43	3.4	685.89	1679024	103.9391 ng/ml
Trazodone	5.100	556829	25732.12	77.9	∞	223598	101.2859 ng/ml
Venlafaxine	5.001	2574517	59754.58	36.1	4410.40	1201517	107.9977 ng/ml
Zolpidem	4.858	3140810	95160.20	30.9	549.64	1472539	106.0096 ng/ml

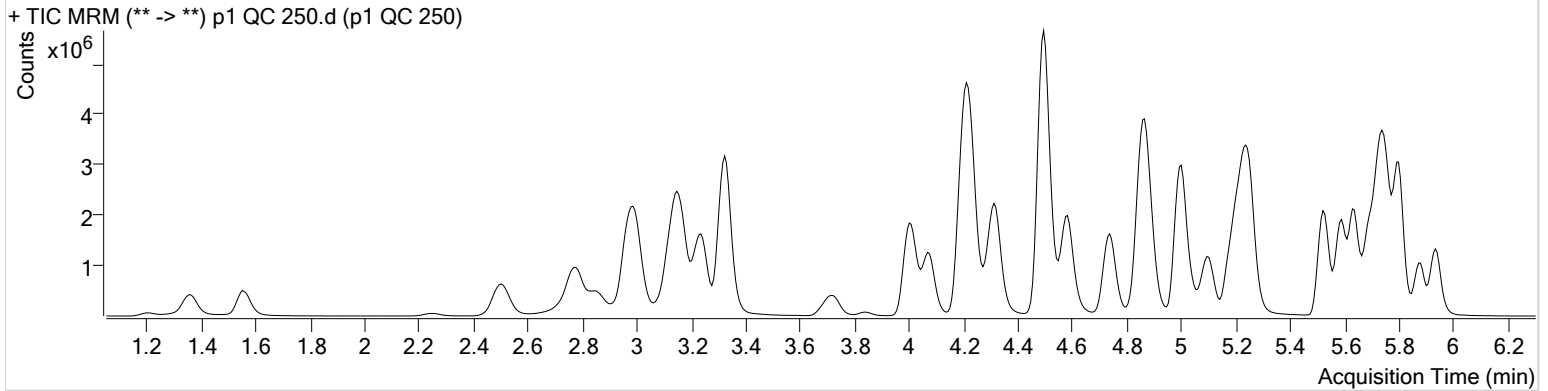
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-C6	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 10:23:21 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	82928	1929.15	70.7	1334.17	68750	25.7295 ng/ml
7-aminoclonazepam	4.223	1226197	1021.93	82.2	23452.70	186177	254.3898 ng/ml
a-hydroxyalprazolam	5.674	666439	1891.14	62.5	1983.51	62309	261.9299 ng/ml
alpha-PHP	4.888	842677	8541.85	264.9	11620.70	659368	278.5172 ng/ml
alpha-PVP	4.322	3884870	85994.08	49.9	1457.00	659368	245.4902 ng/ml
Alprazolam	5.751	2204723	∞	104.3	2657.31	230922	259.0493 ng/ml
Amphetamine	2.990	5370335	46068.11	50.5	54462.30	266622	223.6179 ng/ml
Benzoylcegonine	3.838	148173	7976.05	7.5	1889.38	23007	240.7351 ng/ml
Buprenorphine	5.796	85883	891.32	16.1	765.66	135689	25.8255 ng/ml
Bupropion	4.739	3133633	229840.95	59.8	2145.16	405498	254.9289 ng/ml
Carisoprodol	5.700	1799211	∞	53.9	9178.81	345875	250.9541 ng/ml
Citalopram	5.183	1983822	1334.01	42.3	∞	356832	245.6035 ng/ml
Clonazepam	5.581	3007381	9081.12	32.6	4046.93	143488	247.2434 ng/ml
Cocaine	4.223	3968367	227396.82	44.0	151378.07	1113139	249.8111 ng/ml
Codeine	2.523	401144	1862.21	103.8	11539.76	72796	256.1778 ng/ml
Cyclobenzaprine	5.598	892617	∞	9.9	124.20	138550	254.5545 ng/ml
Dextromethorphan	5.219	858881	19130.77	80.0	381.06	160961	245.3305 ng/ml
Dextrophan	4.077	962595	12925.99	212.7	∞	494886	244.8290 ng/ml
Diazepam	5.936	1706982	10685.74	87.3	2412.86	323179	251.5041 ng/ml
Dihydrocodeine	2.495	1050637	1442.22	63.6	16983.72	236308	253.1155 ng/ml
Diphenhydramine	5.253	4658183	2366.30	32.7	2277.44	1246423	248.5198 ng/ml
Doxylamine	4.494	9013036	∞	96.7	365018.42	1448681	260.2564 ng/ml
EDDP	5.218	2930054	1774.67	42.8	1403.47	634483	245.1757 ng/ml
Fentanyl	5.053	108296	1483.61	67.0	1632.00	197098	25.1779 ng/ml
Fluoxetine	5.690	728147	36287.67	8.8	58035.98	119293	249.2245 ng/ml
Hydrocodone	2.966	1275861	950.47	39.4	338.29	342010	243.0117 ng/ml
Hydromorphone	1.561	981397	∞	76.8	∞	125087	254.4113 ng/ml
Ketamine	4.003	3393084	106982.87	39.4	3753.05	595106	252.8945 ng/ml
Lamotrigine	4.239	221460	3961.15	81.2	19208.63	595106	222.4033 ng/ml
Lorazepam	5.722	1607549	∞	56.6	30443.36	143488	161.1214 ng/ml*
MDA	3.137	3607006	22654.60	20.2	3406.66	331708	256.0354 ng/ml
MDMA	3.237	3294326	388848.37	64.3	25881.04	117584	262.6539 ng/ml
Meprobamate	4.869	728454	17950.52	26.2	329.78	169304	239.5082 ng/ml

*Outside curve range

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	2848396	2841.56	51.7	∞	524639	251.3723 ng/ml
Methamphetamine	3.165	3940450	4903.00	41.8	2830.51	756996	263.6605 ng/ml
Metoprolol	4.285	645029	236277.65	95.6	∞	1517583	268.3408 ng/ml
Mirtazapine	4.582	3988597	21997.88	48.0	247546.01	659368	359.4694 ng/ml
Mitragynine	5.188	563916	∞	38.1	5515257.17	524639	299.4149 ng/ml
Morphine	1.206	156750	1505.36	22.4	506.01	7027	250.9960 ng/ml
Norbuprenorphine	4.944	9739	207.72	82.6	169852.53	16425	27.4114 ng/ml
Nordiazepam	5.882	1607278	42092.88	58.3	2239.38	204182	256.5921 ng/ml
Norfentanyl	4.037	505509	4197.68	37.1	10735.80	886539	23.9661 ng/ml
Norhydrocodone	3.021	115238	289.79	42.5	411.92	42504	256.0264 ng/ml
Noroxycodone	2.852	1188573	3336.71	47.9	2757.83	153032	263.4744 ng/ml
O-desmethyl-tramadol	3.323	8275970	19332.95	5.8	16222.25	1655584	256.7022 ng/ml
Oxazepam	5.732	2054461	∞	73.8	7613.23	510013	247.1040 ng/ml
Oxycodone	2.776	3204355	3690.28	30.8	1617.09	541112	253.8720 ng/ml
Oxymorphone	1.356	1107117	∞	47.0	∞	157739	256.1023 ng/ml
Phentermine	3.729	1146079	9334.62	3.2	647.74	611952	262.7536 ng/ml
Promethazine	5.515	1944605	3649.74	30.7	2364.36	335046	253.0842 ng/ml
Quetiapine	5.525	2090690	159768.85	60.1	∞	108381	251.3886 ng/ml
Sertraline	5.765	352026	2114.53	90.6	3739.58	55124	244.9864 ng/ml
Temazepam	5.799	4963890	5631.63	29.7	670.23	931273	255.8294 ng/ml
Tramadol	4.197	7522701	53476.29	3.3	580.18	1517583	256.5898 ng/ml
Trazodone	5.100	2141503	2314.71	78.4	∞	356561	244.1434 ng/ml
Venlafaxine	5.001	6163421	2456.43	36.0	25686.80	1185182	261.3744 ng/ml
Zolpidem	4.858	7526116	319414.02	30.1	∞	1454054	257.7385 ng/ml

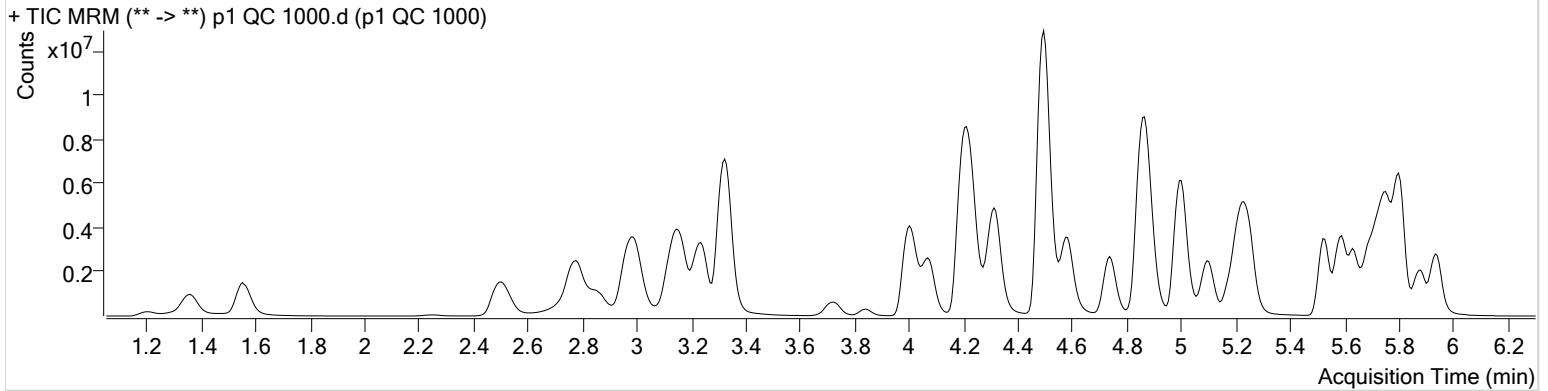


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument Falco Data File p1 QC 1000.d
Type QC Sample p1 QC 1000
Acq. Method MDQ P1 060520.m Operator Celena Shrum
Sample Position P5-D6 Comment
Injection Volume 2
Acq. Date-Time 8/7/2020 10:44:31 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	267929	13596.01	72.3	3975.46	58596	97.5769 ng/ml
7-aminoclonazepam	4.230	1939062	4462.00	87.4	14294.21	86158	870.1280 ng/ml
a-hydroxyalprazolam	5.668	1602016	591.90	61.5	∞	41995	935.1624 ng/ml
alpha-PHP	4.888	1543316	109808.44	267.5	34638.12	391619	860.6862 ng/ml
alpha-PVP	4.315	9559347	519168.51	49.5	4155.54	391619	1015.7947 ng/ml
Alprazolam	5.758	5518353	∞	105.3	2617.11	148016	1009.4384 ng/ml
Amphetamine	2.997	8572423	67905.24	49.5	58138.30	137796	693.0179 ng/ml*
Benzoylcegonine	3.838	666785	66707.17	7.8	5219.11	21173	1179.3905 ng/ml
Buprenorphine	5.796	85947	3225.91	15.4	2780.09	31771	110.2348 ng/ml
Bupropion	4.739	5379522	6394.15	59.5	3876.35	174059	1019.6501 ng/ml
Carisoprodol	5.700	3698435	42420.76	55.2	35187.25	189170	944.1333 ng/ml
Citalopram	5.176	2764151	2382.78	42.5	1582.47	125590	972.3675 ng/ml
Clonazepam	5.586	7176928	∞	31.7	46001.50	93816	903.5707 ng/ml
Cocaine	4.223	9371737	235229.31	43.0	243488.31	635358	1032.7390 ng/ml
Codeine	2.530	1018714	3452.96	101.1	3347.67	48896	968.8924 ng/ml
Cyclobenzaprine	5.598	1192871	22990.42	9.6	785.25	45989	1024.6056 ng/ml
Dextromethorphan	5.219	1173645	15537.53	78.7	718.99	54839	983.1693 ng/ml
Dextrophan	4.077	2240360	79130.91	214.0	260244.42	285568	986.8422 ng/ml
Diazepam	5.936	4293081	31674.40	86.8	922.00	201218	1016.0480 ng/ml
Dihydrocodeine	2.495	3003845	49885.13	66.4	100302.49	202586	845.7578 ng/ml
Diphenhydramine	5.253	6643732	2513.16	32.2	∞	440734	1001.0753 ng/ml
Doxylamine	4.494	22842757	∞	97.6	839720.06	958546	997.0420 ng/ml
EDDP	5.218	7073299	3976.96	42.3	2016.58	369644	1016.2711 ng/ml
Fentanyl	5.053	143150	1100.28	65.9	761.53	60457	108.5728 ng/ml
Fluoxetine	5.690	917046	322914.14	9.0	1511.94	37379	1002.1242 ng/ml
Hydrocodone	2.966	3575186	∞	38.8	∞	258511	902.3289 ng/ml
Hydromorphone	1.561	3250756	∞	76.4	1098.27	108050	976.1795 ng/ml
Ketamine	4.003	9341776	592994.73	38.0	3183.51	421830	983.4438 ng/ml
Lamotrigine	4.246	416844	13647.51	80.1	7883.22	421830	591.2620 ng/ml*
Lorazepam	5.722	1876759	∞	55.7	10535.86	93816	288.3518 ng/ml*
MDA	3.134	6191049	13690.66	19.2	10528.65	156555	932.8170 ng/ml
MDMA	3.237	7149696	1150304.74	63.7	122239.40	63256	1059.6281 ng/ml
Meprobamate	4.876	1218952	37181.22	26.5	12316.27	95202	713.7372 ng/ml*

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	4082970	5407.46	50.4	1665.95	183482	1029.3547 ng/ml
Methamphetamine	3.165	6866943	50507.03	41.1	13802.07	382070	913.4413 ng/ml
Metoprolol	4.285	1355239	45334.20	95.4	∞	960518	892.1140 ng/ml
Mirtazapine	4.582	7048360	492492.78	48.1	∞	391619	1071.5661 ng/ml
Mitragynine	5.181	637467	16755.13	38.0	15411.70	183482	970.0186 ng/ml
Morphine	1.206	544541	∞	23.1	511.12	6326	969.4452 ng/ml
Norbuprenorphine	4.950	11404	582.87	85.6	3369.38	5347	99.1514 ng/ml
Nordiazepam	5.882	3722373	10656.35	57.6	3533.91	120768	1004.9974 ng/ml
Norfentanyl	4.037	1634315	1025.85	37.2	28916.14	615211	111.4387 ng/ml
Norhydrocodone	3.021	305602	947.39	45.7	690.23	26280	1096.0067 ng/ml
Noroxycodone	2.852	2813059	∞	43.5	490.87	91981	1037.5046 ng/ml
O-desmethyl-tramadol	3.323	23393461	910251.82	5.8	77806.19	1147502	1046.6469 ng/ml
Oxazepam	5.726	2880603	29421.66	71.5	6394.21	188173	940.0577 ng/ml
Oxycodone	2.771	9618320	109491.06	30.6	3017.97	415118	993.9921 ng/ml
Oxymorphone	1.356	3098445	∞	47.9	∞	113932	993.4969 ng/ml
Phentermine	3.729	2171809	∞	3.1	∞	328694	927.8613 ng/ml
Promethazine	5.515	2674271	5412.14	30.8	3434.96	114624	1016.8476 ng/ml
Quetiapine	5.525	4426720	536869.07	59.6	173019.85	55179	1045.2473 ng/ml
Sertraline	5.765	336334	14541.60	91.8	14827.63	13760	935.5961 ng/ml
Temazepam	5.799	12854913	160398.52	28.3	101956.94	565790	1090.2377 ng/ml
Tramadol	4.197	17849789	161931.26	3.2	1837.61	960518	962.8367 ng/ml
Trazodone	5.093	4621580	446909.42	77.7	177982.22	175139	1072.3571 ng/ml
Venlafaxine	4.994	14751458	138145.55	35.5	5847.32	686901	1077.7448 ng/ml
Zolpidem	4.858	21561171	∞	29.9	321156.53	1125334	954.9882 ng/ml

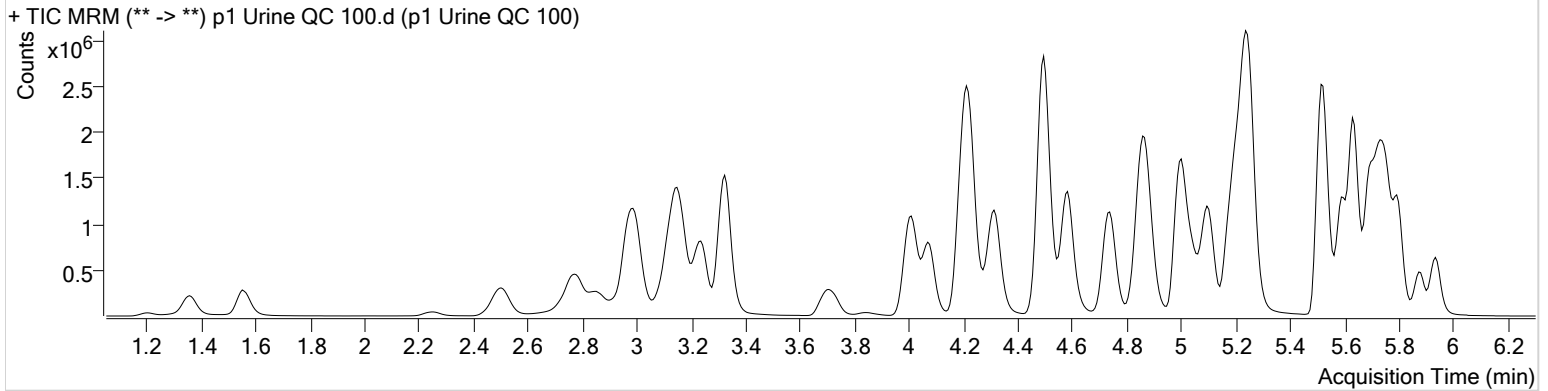
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Urine QC 100.d
Type	QC	Sample	p1 Urine QC 100
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-E6	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 11:16:18 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	33830	509.92	71.3	1939.38	66650	10.8180 ng/ml
7-aminoclonazepam	4.223	584499	5544.81	83.0	3468.30	210753	106.9184 ng/ml
a-hydroxyalprazolam	5.674	253196	1505.39	62.6	532.83	60241	102.7052 ng/ml
alpha-PHP	4.888	429152	5764.70	262.3	11186.38	741539	125.6372 ng/ml
alpha-PVP	4.322	1746135	2545.96	50.2	789.86	741539	98.3569 ng/ml
Alprazolam	5.751	824396	2000.46	105.5	2313.57	220812	101.7452 ng/ml
Amphetamine	2.990	2786073	∞	51.4	13218.55	305739	100.5511 ng/ml
Benzoylcegonine	3.838	60693	21106.25	7.9	274.99	21400	105.6896 ng/ml
Buprenorphine	5.796	66369	1158.32	16.3	214.06	268790	10.1019 ng/ml
Bupropion	4.739	2041787	1638.35	60.7	2218.82	639159	105.3604 ng/ml
Carisoprodol	5.700	721104	47265.70	54.1	604.22	326787	106.2562 ng/ml
Citalopram	5.183	1515439	2616.02	42.4	1439.38	637078	105.0725 ng/ml
Clonazepam	5.581	1120806	1868.61	32.4	33025.59	128197	102.8826 ng/ml
Cocaine	4.223	1749260	90778.24	44.4	30661.91	1181763	103.8822 ng/ml
Codeine	2.523	180585	4565.75	103.6	1286.66	78339	107.0939 ng/ml
Cyclobenzaprine	5.598	1259691	1924.61	9.8	2952.73	470571	105.8183 ng/ml
Dextromethorphan	5.219	955192	4085.01	78.9	825.81	424906	103.5123 ng/ml
Dextrorphan	4.077	511228	9806.39	211.1	1362.47	631170	102.0759 ng/ml
Diazepam	5.936	706874	932.41	87.6	7371.61	316424	106.3492 ng/ml
Dihydrocodeine	2.502	461629	1769.95	64.0	16160.90	238578	109.7627 ng/ml
Diphenhydramine	5.253	3685481	143511.67	32.6	1421.56	2403249	102.2374 ng/ml
Doxylamine	4.494	4207513	∞	97.8	138020.35	1635955	107.5508 ng/ml
EDDP	5.218	1551430	61784.48	42.9	749.25	809967	101.6268 ng/ml
Fentanyl	5.053	153004	4449.18	66.9	2667.57	663108	10.5604 ng/ml
Fluoxetine	5.690	1443516	1616.91	8.9	481.56	550614	106.9674 ng/ml
Hydrocodone	2.966	590373	∞	39.2	1454.02	367798	104.2650 ng/ml
Hydromorphone	1.561	485855	∞	76.8	∞	153071	102.7997 ng/ml
Ketamine	4.003	1423791	1471.44	39.3	627.34	594288	106.0287 ng/ml
Lamotrigine	4.232	119719	1536.04	80.2	3308.12	594288	120.2053 ng/ml
Lorazepam	5.722	766777	2547.97	53.7	∞	128197	85.6301 ng/ml
MDA	3.137	1987054	8376.64	20.6	2309.89	423571	110.0911 ng/ml
MDMA	3.237	1584766	∞	64.7	6899.25	138757	107.0723 ng/ml
Meprobamate	4.869	345911	2186.54	26.6	∞	177012	108.5011 ng/ml

AM #28 Multi-Drug Quant. Results

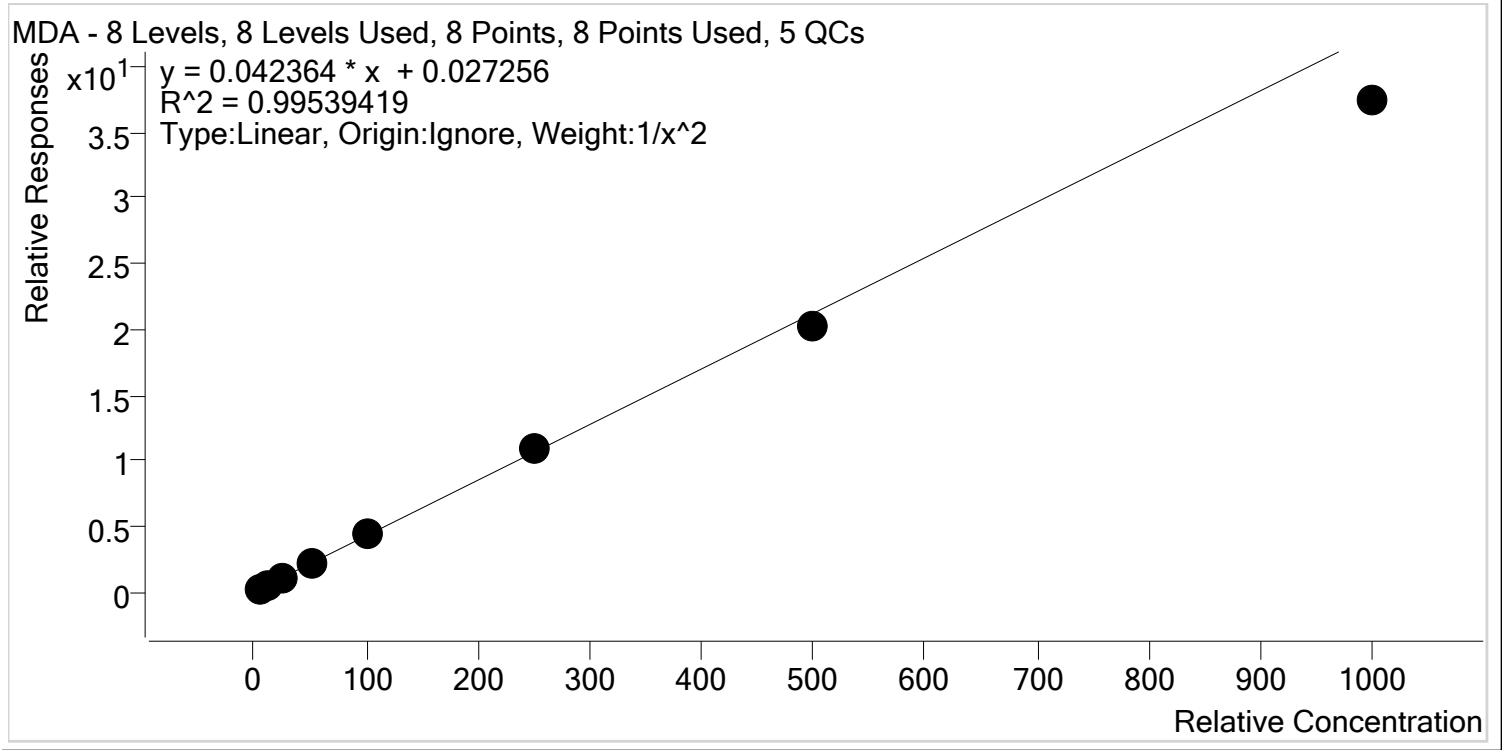


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	2564252	4286.97	51.4	1390.58	1133177	104.9475 ng/ml
Methamphetamine	3.165	1963785	2666.88	41.6	3463.83	849874	116.3408 ng/ml
Metoprolol	4.285	300953	∞	96.0	5034.03	1630000	116.2405 ng/ml
Mirtazapine	4.582	2765961	21667.58	48.6	40693.18	741539	221.2624 ng/ml
Mitragynine	5.188	552794	29622.13	38.1	16166.14	1133177	135.3461 ng/ml
Morphine	1.206	82430	∞	22.1	399.21	8695	106.4780 ng/ml
Norbuprenorphine	4.944	8865	100.98	81.5	48573.17	34394	11.7949 ng/ml
Nordiazepam	5.882	648398	8857.38	57.6	1654.04	192017	110.0131 ng/ml
Norfentanyl	4.037	282401	2205.08	37.6	712.17	1229074	9.6925 ng/ml
Norhydrocodone	3.021	54331	75.20	43.5	214.03	51334	100.3380 ng/ml
Noroxycodone	2.852	579762	1597.84	48.4	419.33	181732	108.2155 ng/ml
O-desmethyl-tramadol	3.323	3220104	29910.23	5.9	∞	1594561	103.7508 ng/ml
Oxazepam	5.732	908645	∞	70.0	92.88	524316	106.1028 ng/ml
Oxycodone	2.776	1340469	4953.00	30.9	30500.65	536393	107.0024 ng/ml
Oxymorphone	1.356	498772	∞	46.8	∞	171940	105.6101 ng/ml
Phentermine	3.729	578723	3372.45	3.3	696.72	704629	115.0383 ng/ml
Promethazine	5.515	3023392	88503.89	30.4	1594.49	1258312	104.8688 ng/ml
Quetiapine	5.525	1450304	97170.26	58.6	36134.08	177111	106.7572 ng/ml
Sertraline	5.758	453552	1440.62	90.7	290592.53	177371	98.5359 ng/ml
Temazepam	5.799	1587700	27653.41	30.7	584.75	738808	103.1882 ng/ml
Tramadol	4.197	3325025	43397.88	3.4	1020.83	1630000	105.3975 ng/ml
Trazodone	5.093	2158855	∞	77.5	1615.61	862750	101.7728 ng/ml
Venlafaxine	5.001	2914200	2967.95	36.2	1126.14	1368971	107.2969 ng/ml
Zolpidem	4.858	3295891	93795.55	30.7	168251.53	1512315	108.3254 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

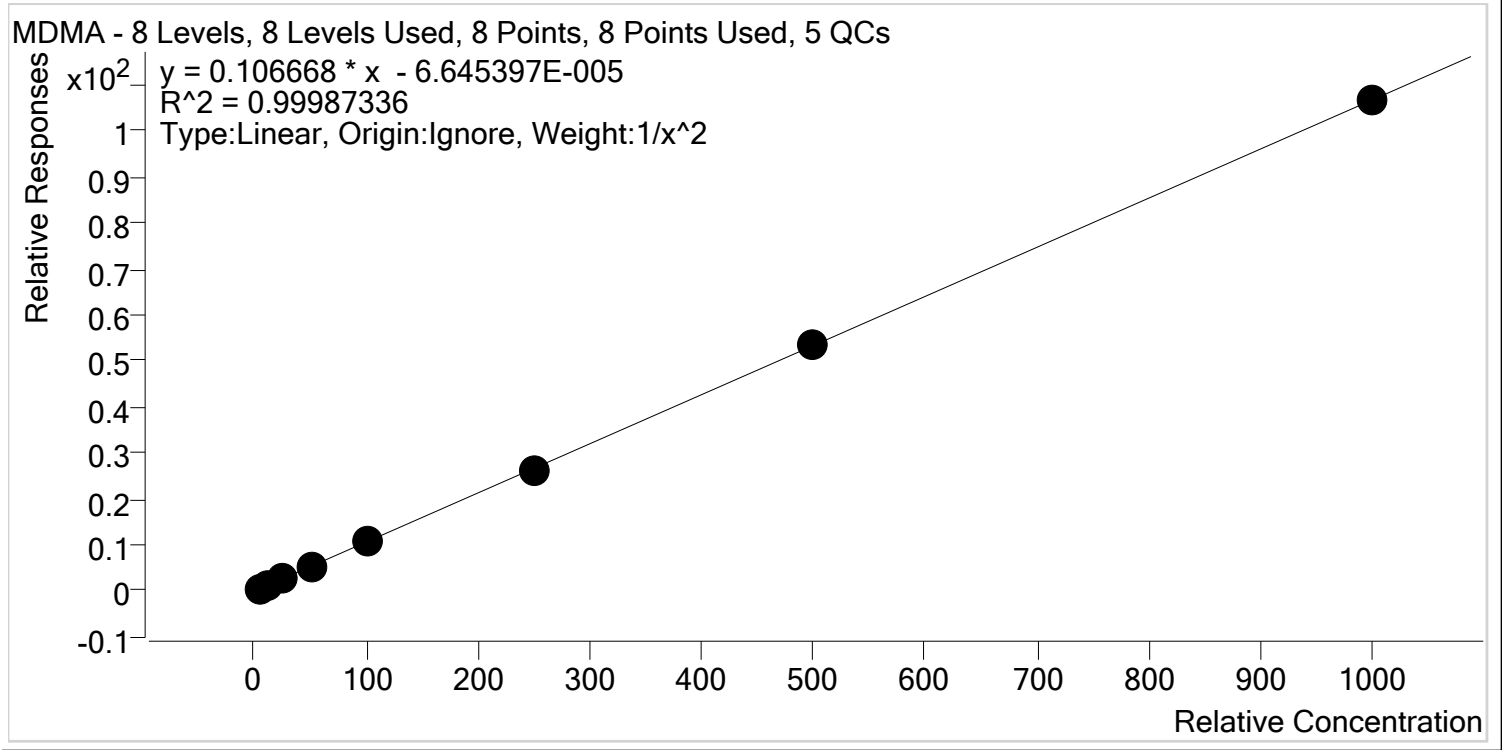


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	478.1	95.6
p1 Cal 8-1000ng	8	✓	1000.0	882.4	88.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

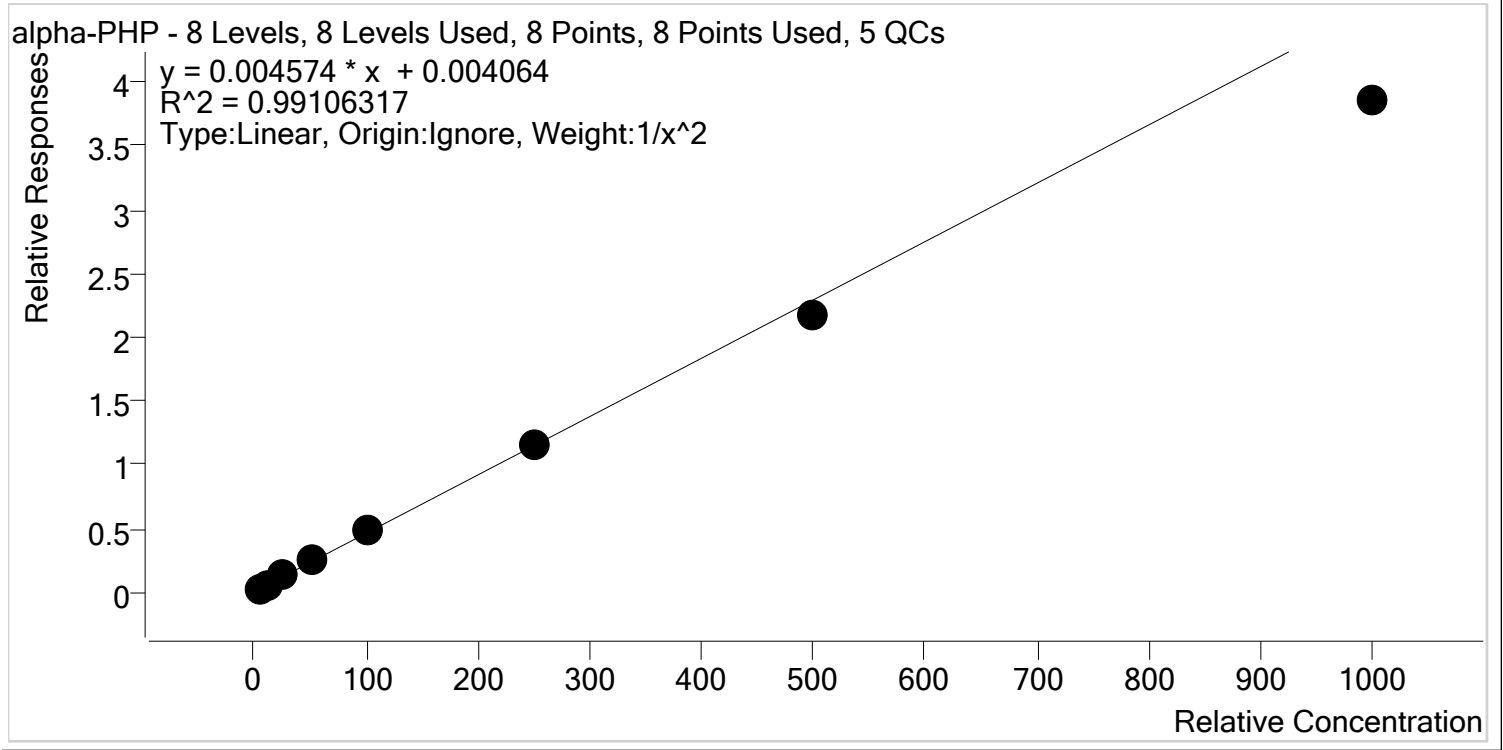


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	998.7	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

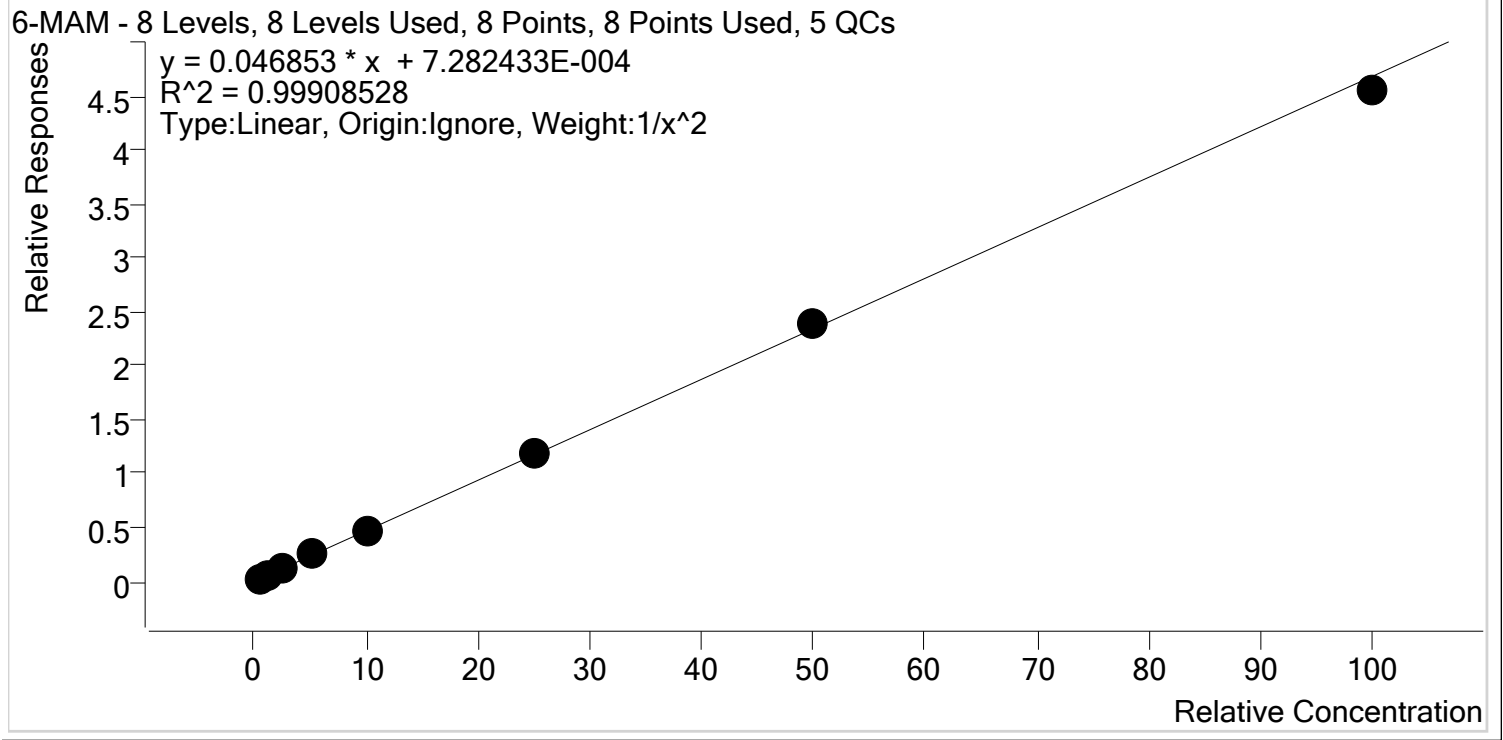


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	472.3	94.5
p1 Cal 8-1000ng	8	✓	1000.0	841.8	84.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

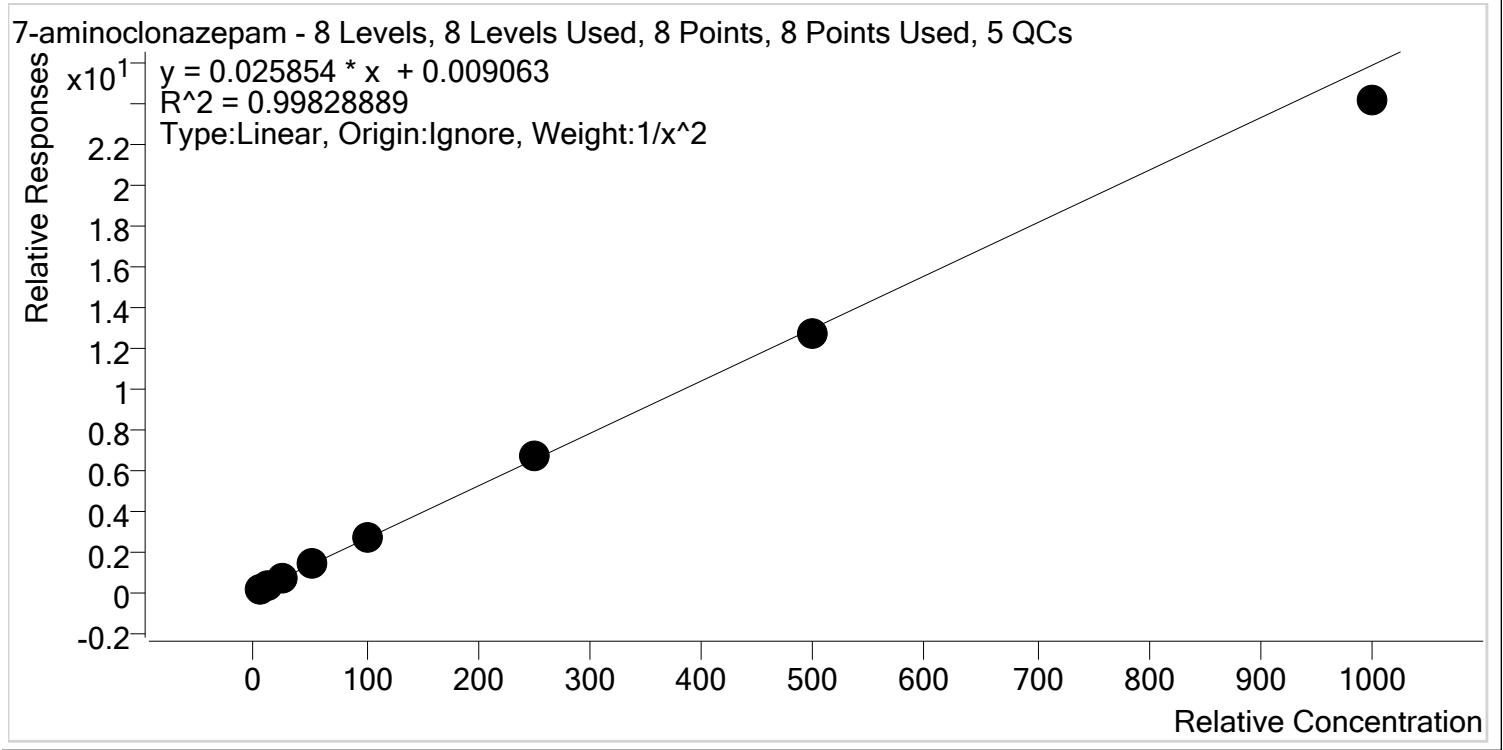


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.2
p1 Cal 2- 10ng	2	✓	1.0	1.0	100.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.1
p1 Cal 4-50ng	4	✓	5.0	5.2	103.2
p1 Cal 5-100ng	5	✓	10.0	10.1	100.9
p1 Cal 6-250ng	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng	8	✓	100.0	97.2	97.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

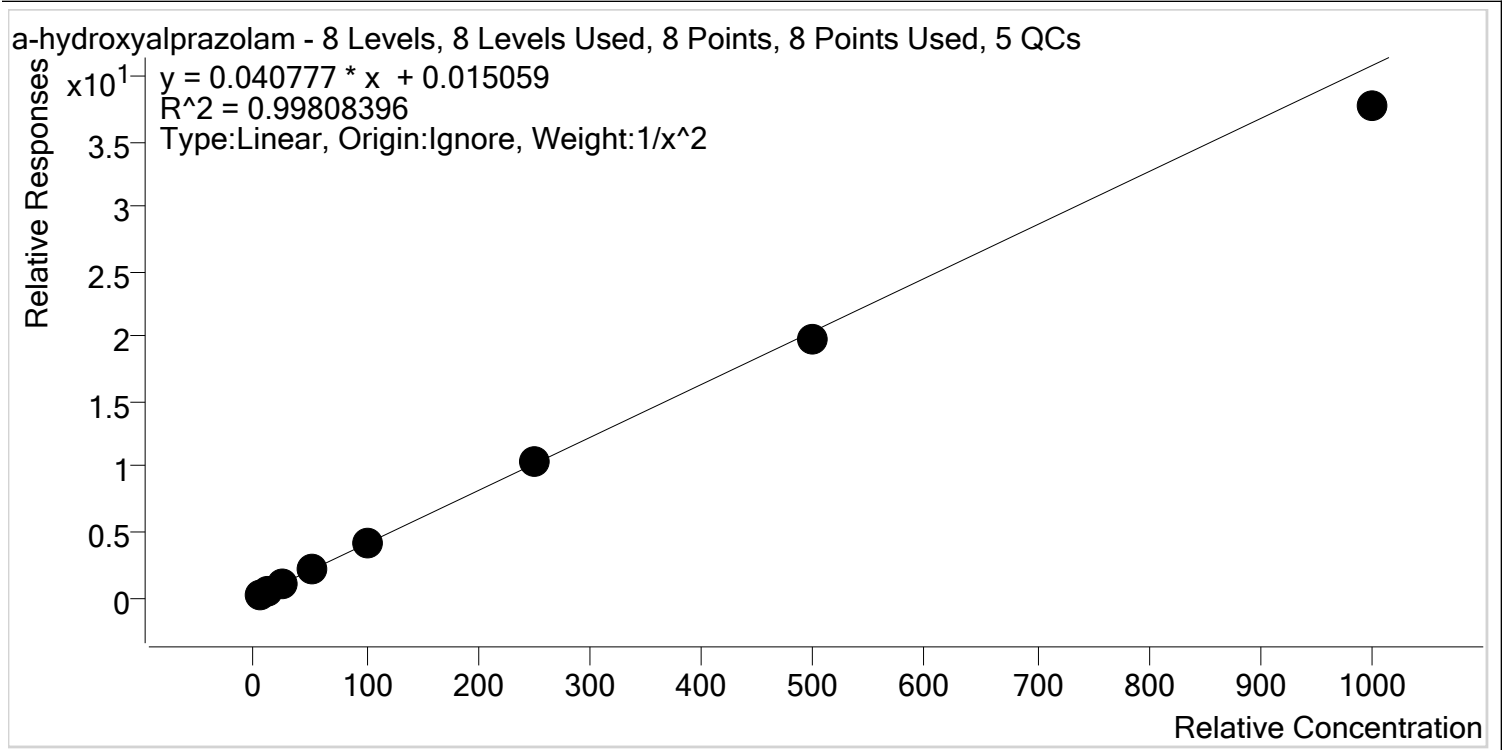


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	932.8	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

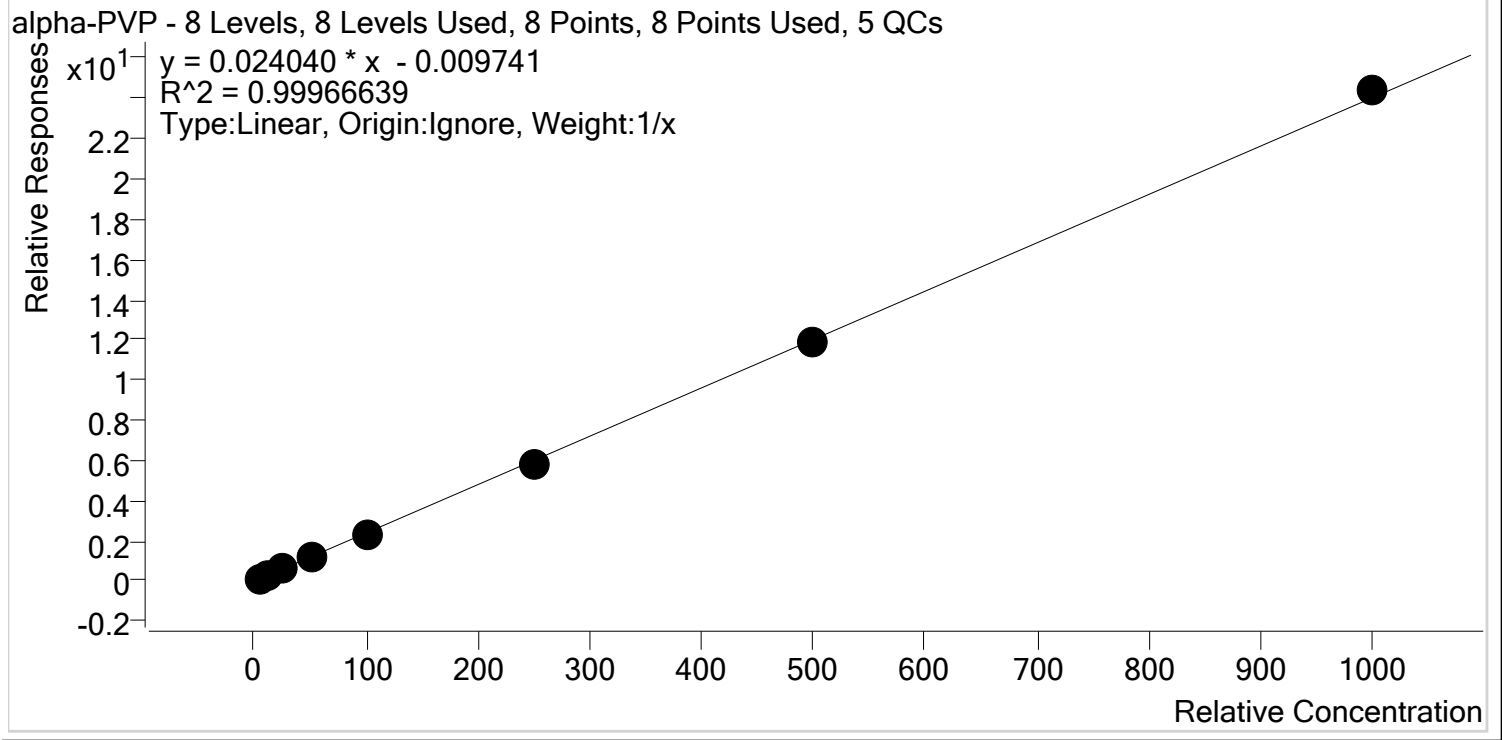


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	923.3	92.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

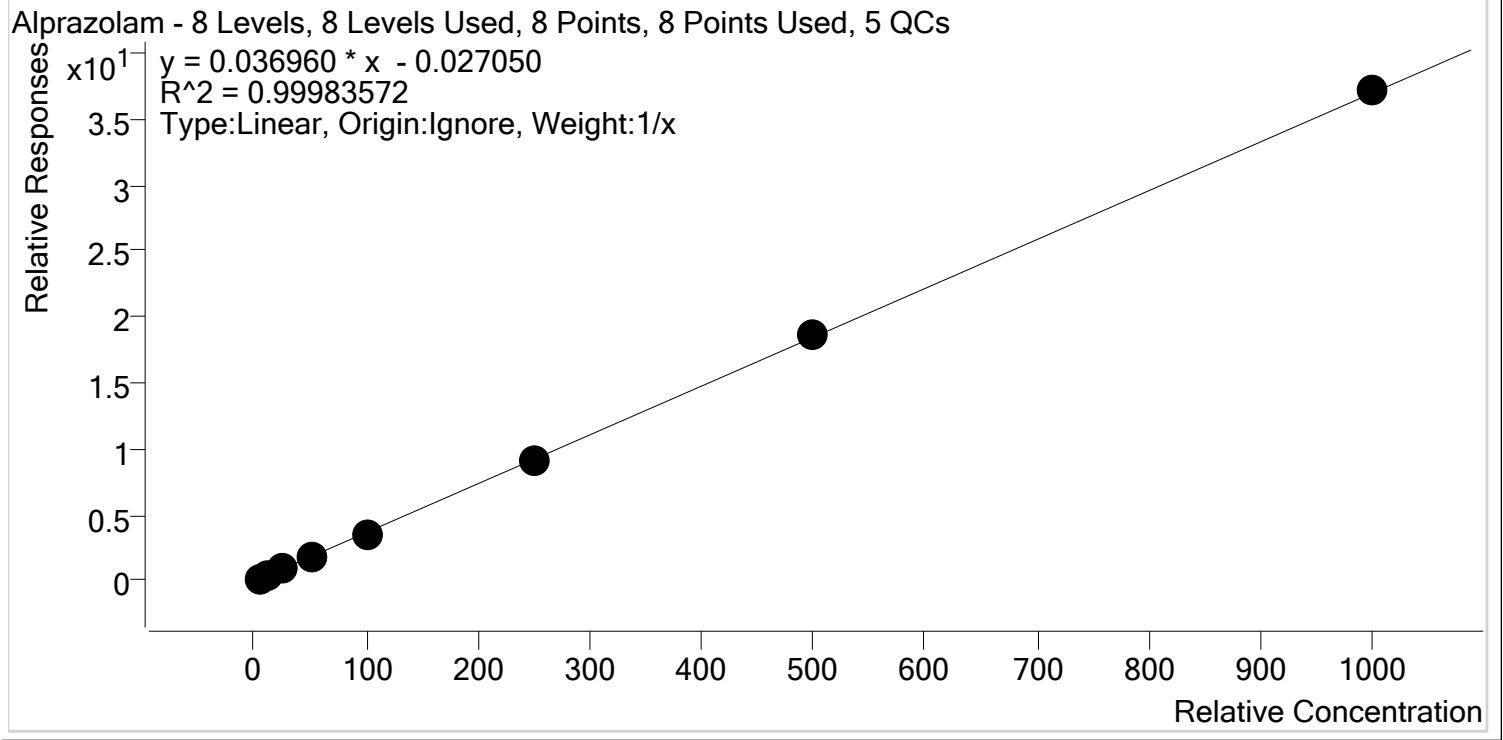


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.1
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1015.0	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



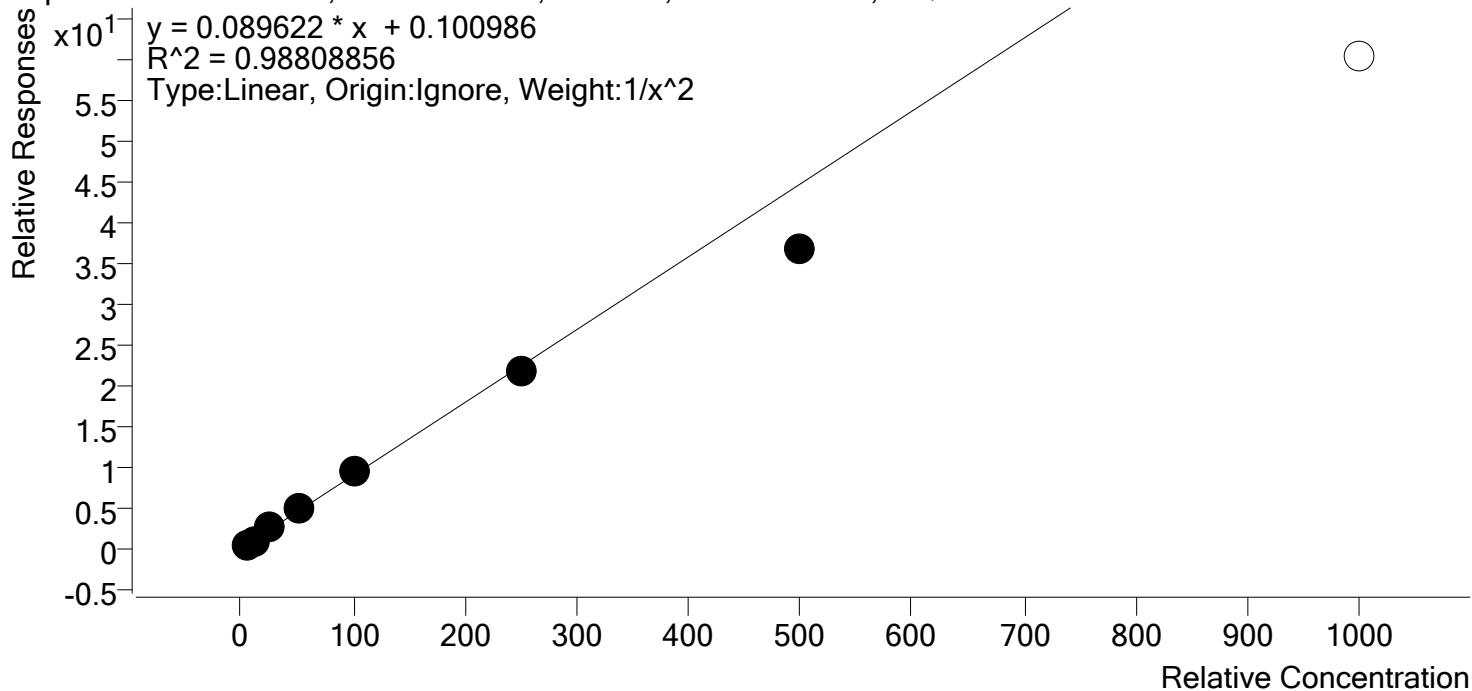
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1005.2	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



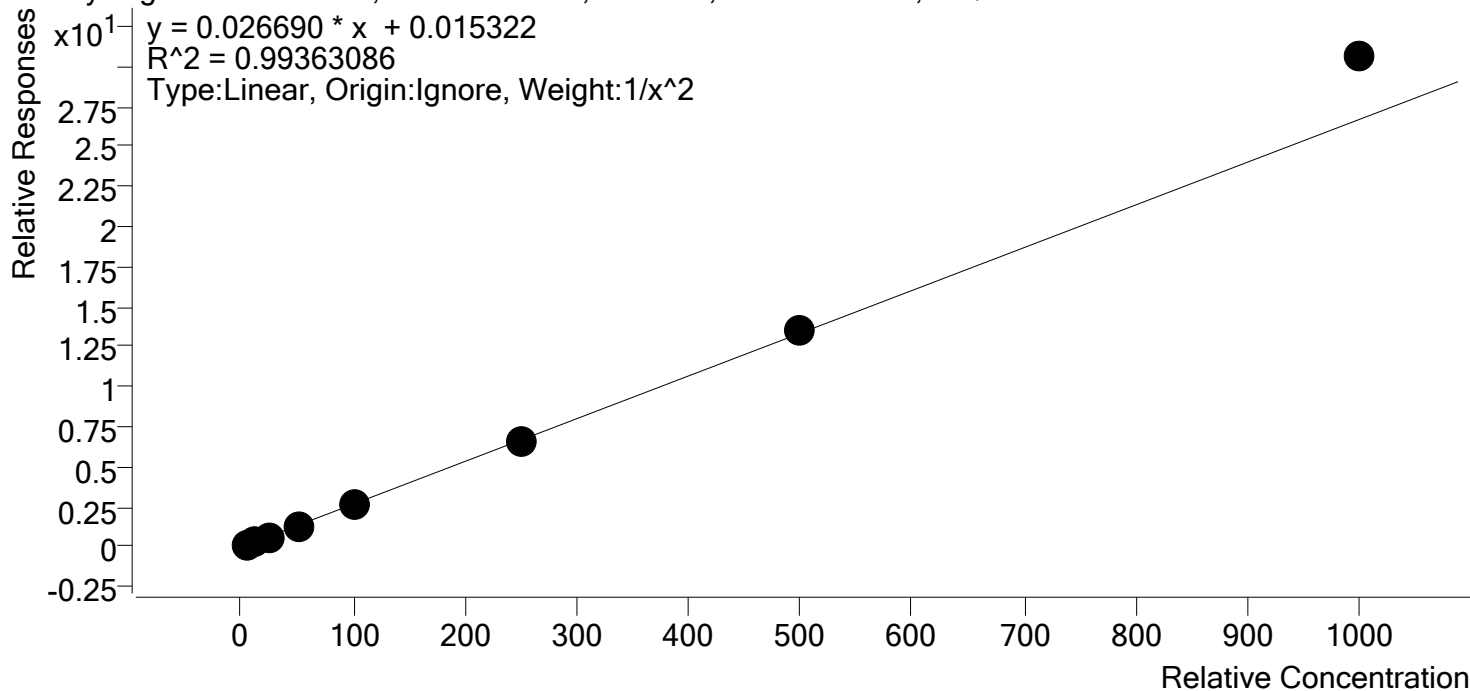
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	413.0	82.6
p1 Cal 8-1000ng	8	✗	1000.0	674.8	67.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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

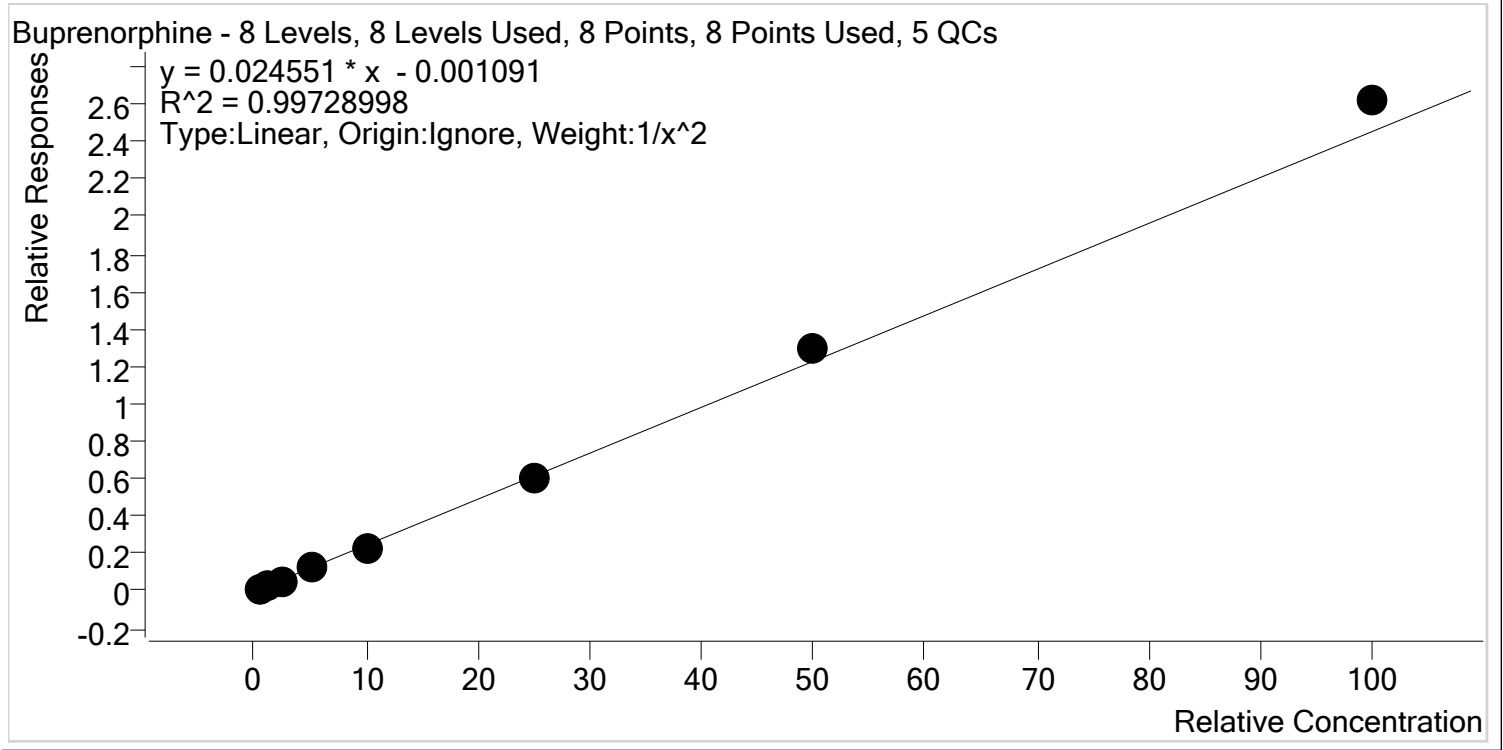


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1147.1	114.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

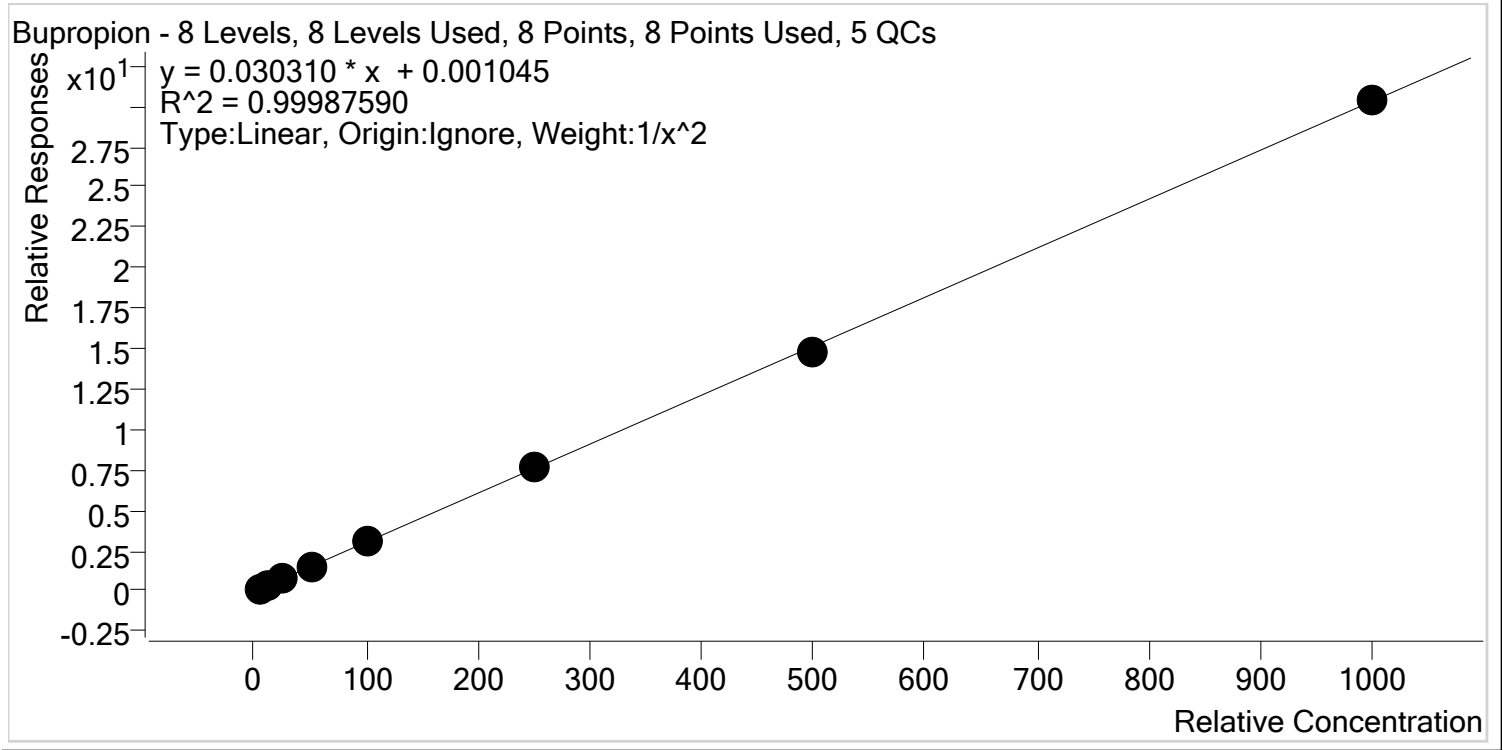


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.5
p1 Cal 2- 10ng	2	✓	1.0	1.0	97.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.8
p1 Cal 5-100ng	5	✓	10.0	9.6	96.4
p1 Cal 6-250ng	6	✓	25.0	24.4	97.5
p1 Cal 7-500ng	7	✓	50.0	52.9	105.9
p1 Cal 8-1000ng	8	✓	100.0	106.7	106.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



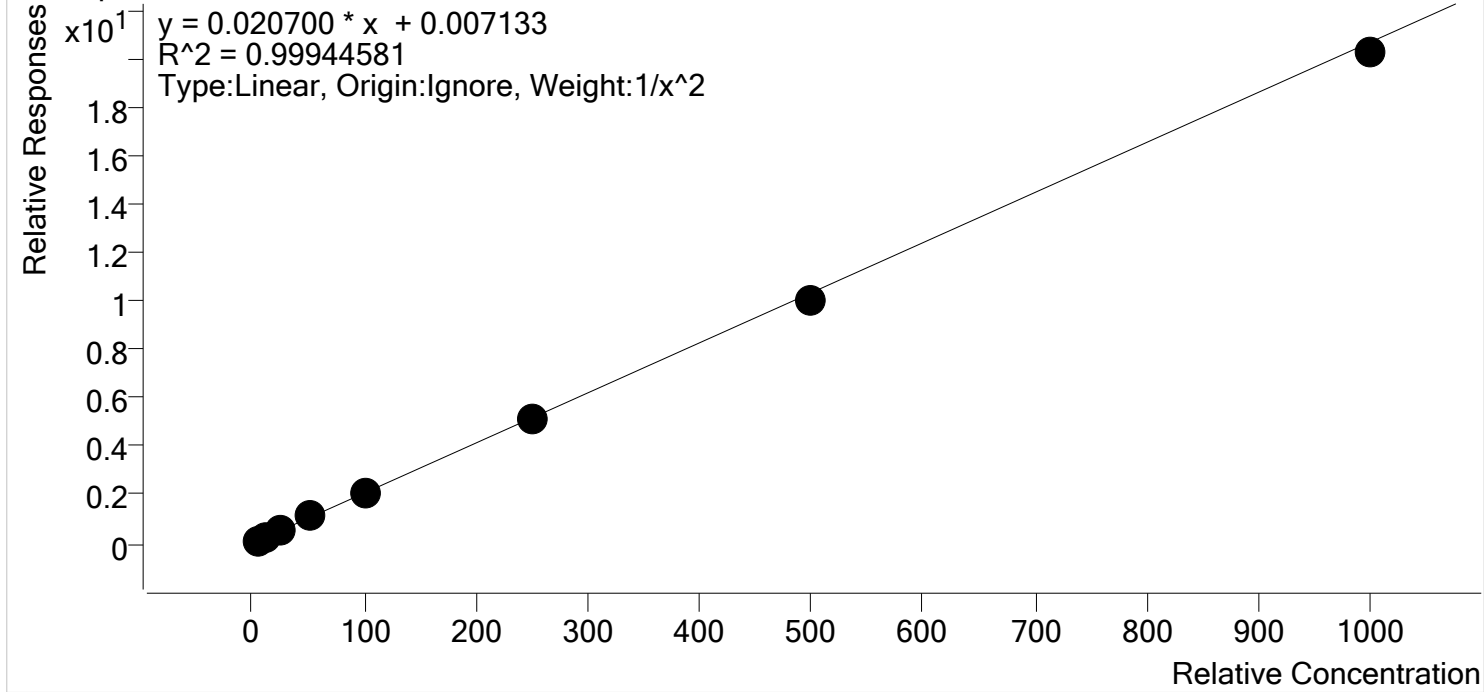
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	491.4	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1001.3	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

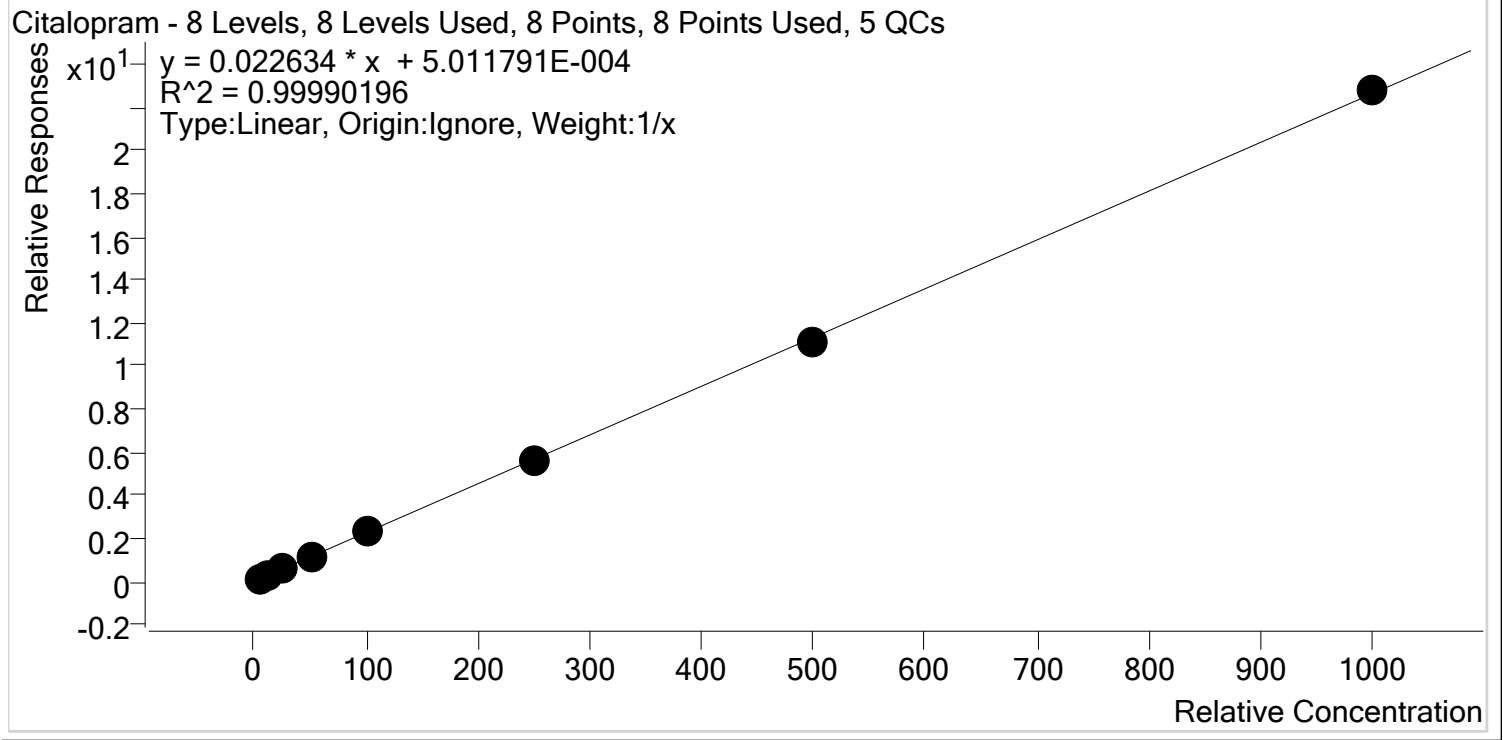


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	486.2	97.2
p1 Cal 8-1000ng	8	✓	1000.0	979.4	97.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

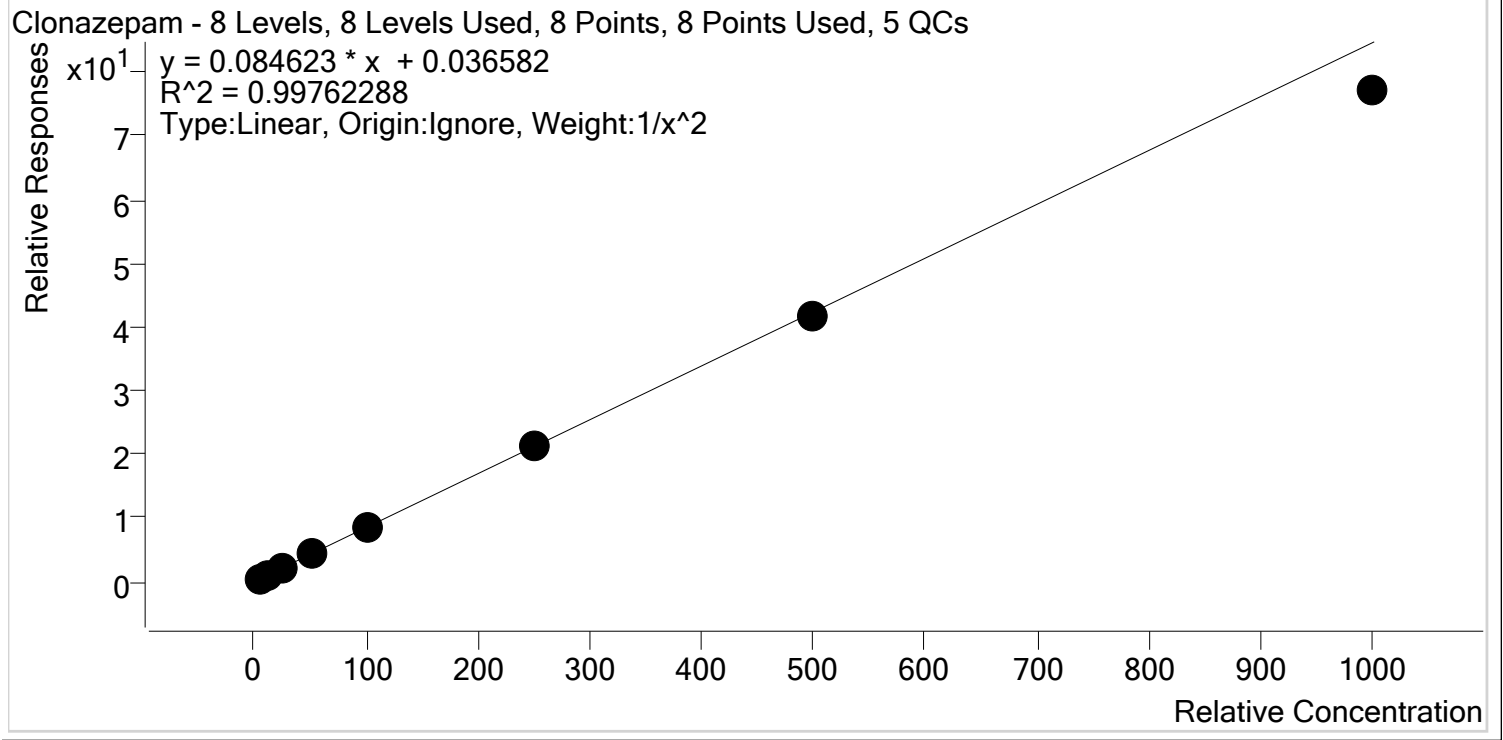


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	492.6	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1006.4	100.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

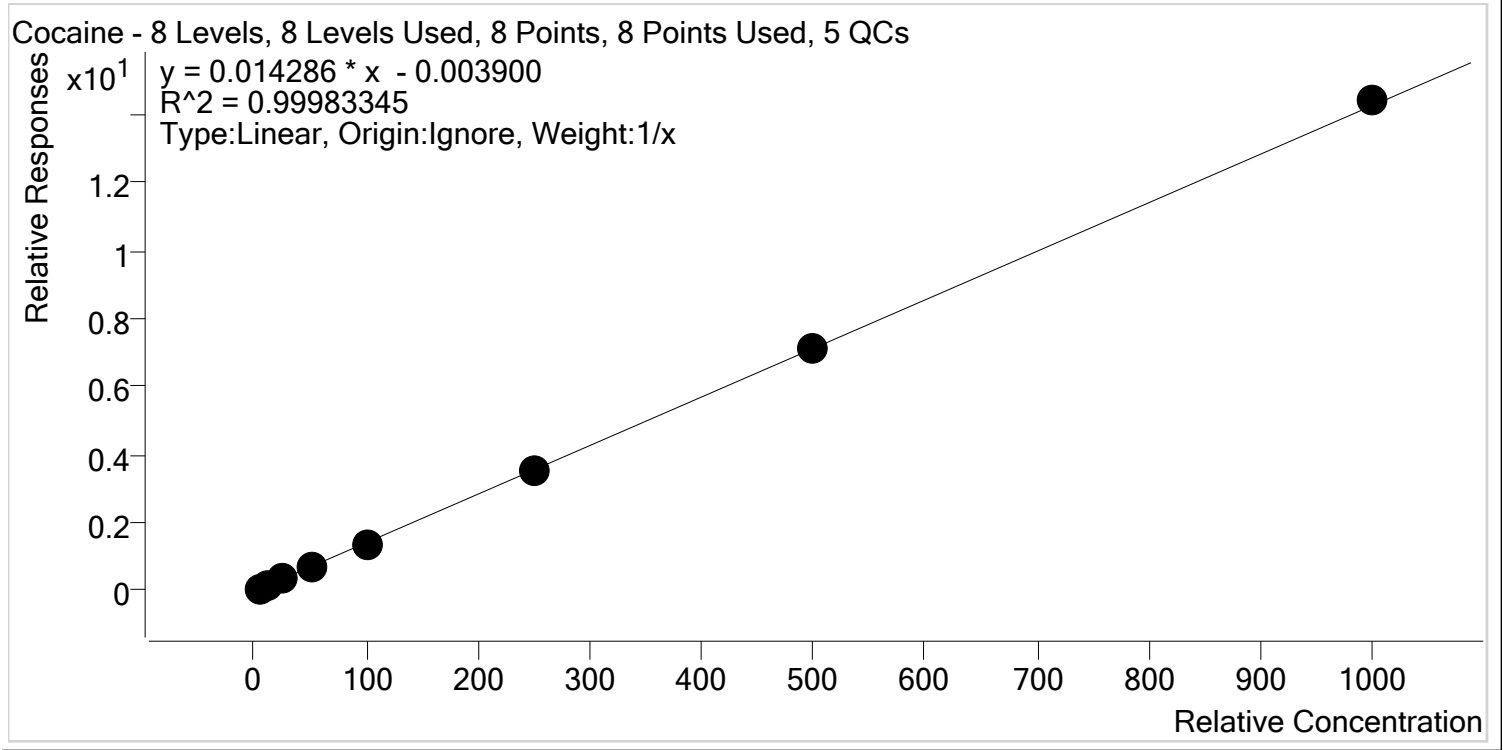


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	493.1	98.6
p1 Cal 8-1000ng	8	✓	1000.0	911.3	91.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

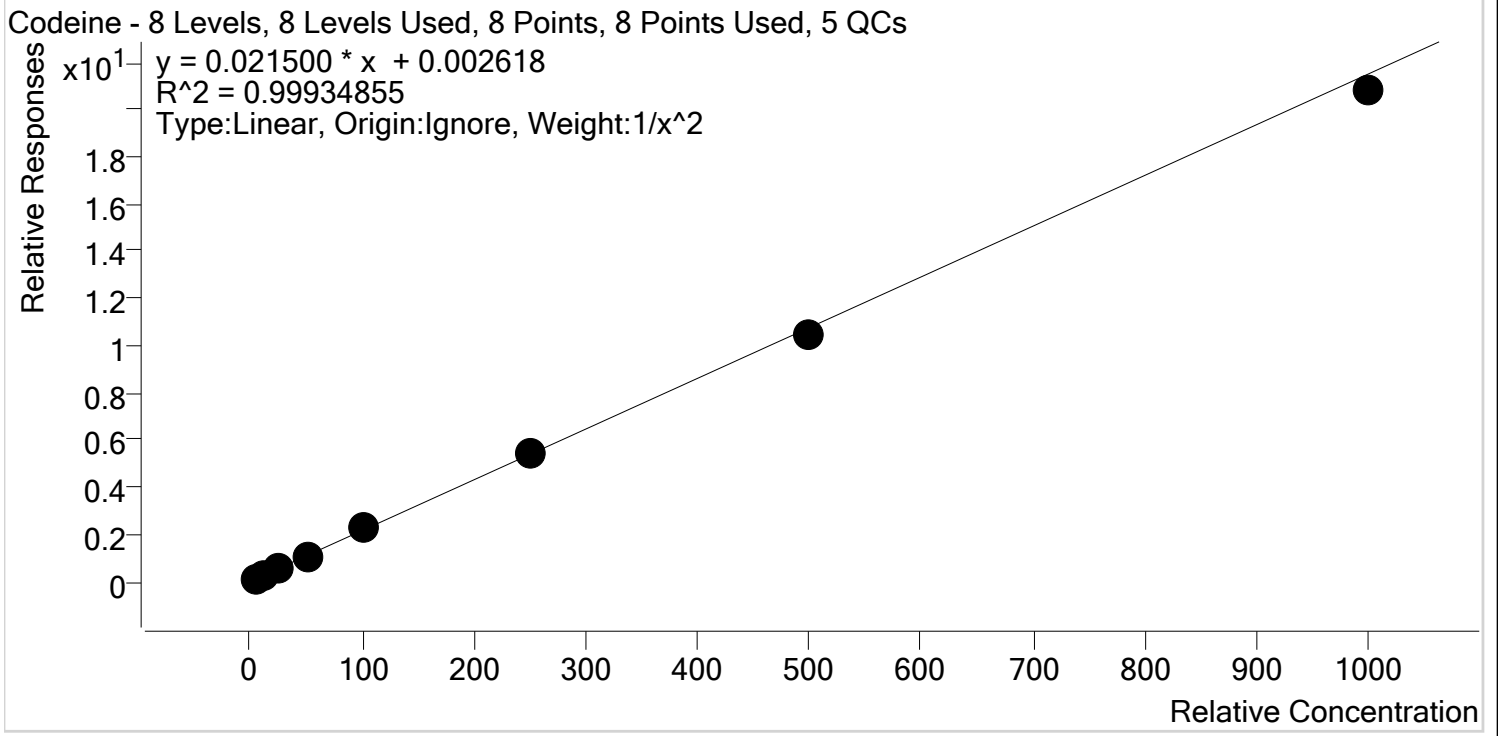


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1010.5	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

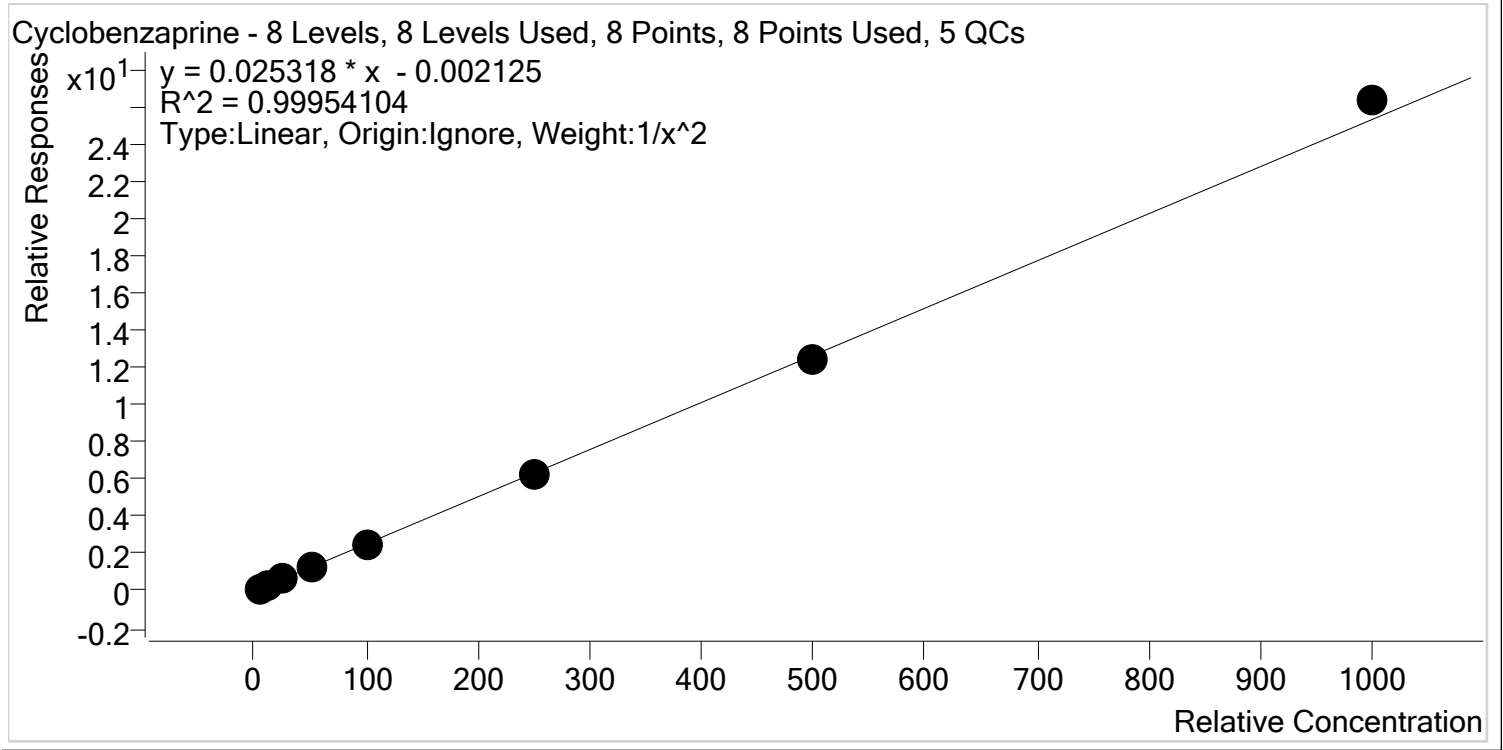


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	255.1	102.1
p1 Cal 7-500ng	7	✓	500.0	484.5	96.9
p1 Cal 8-1000ng	8	✓	1000.0	967.3	96.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

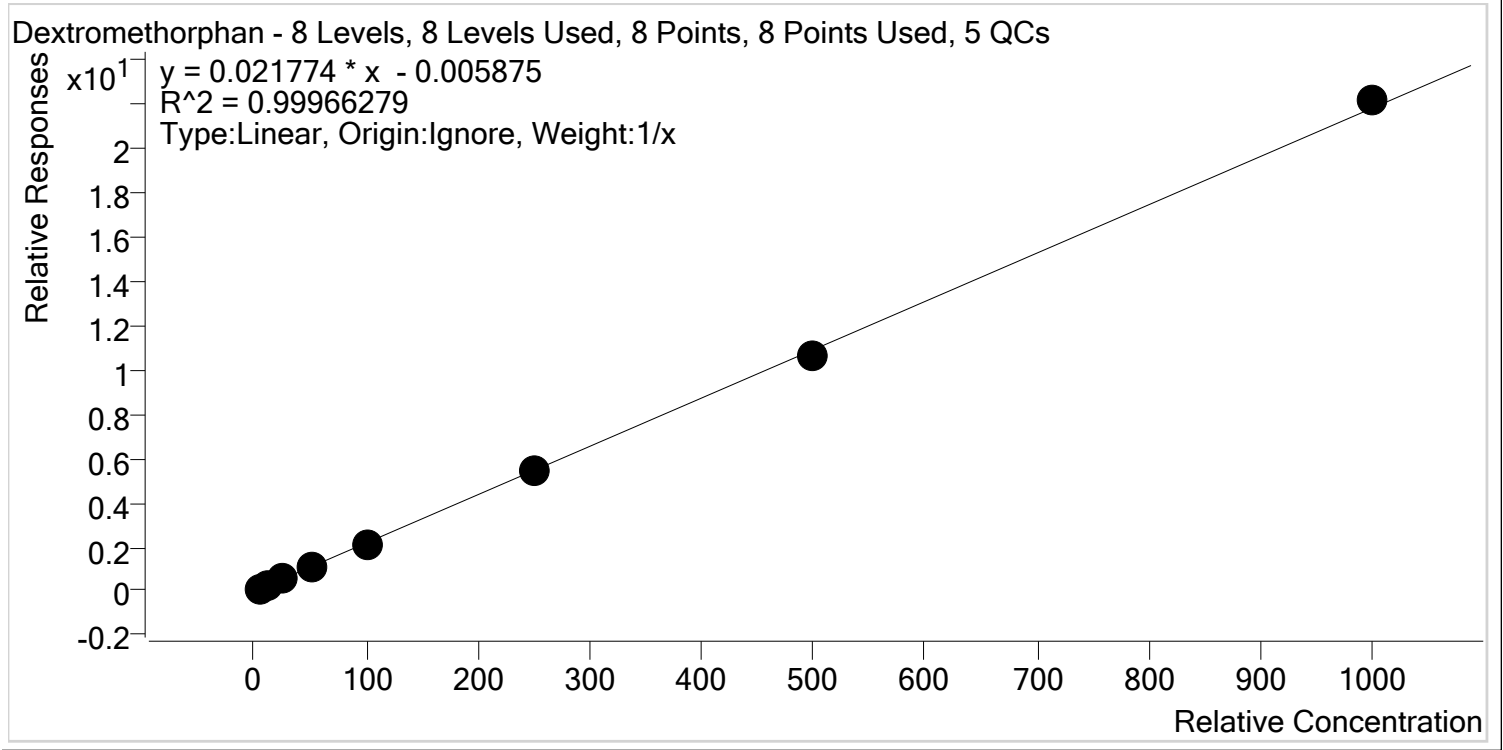


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	494.5	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1040.0	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

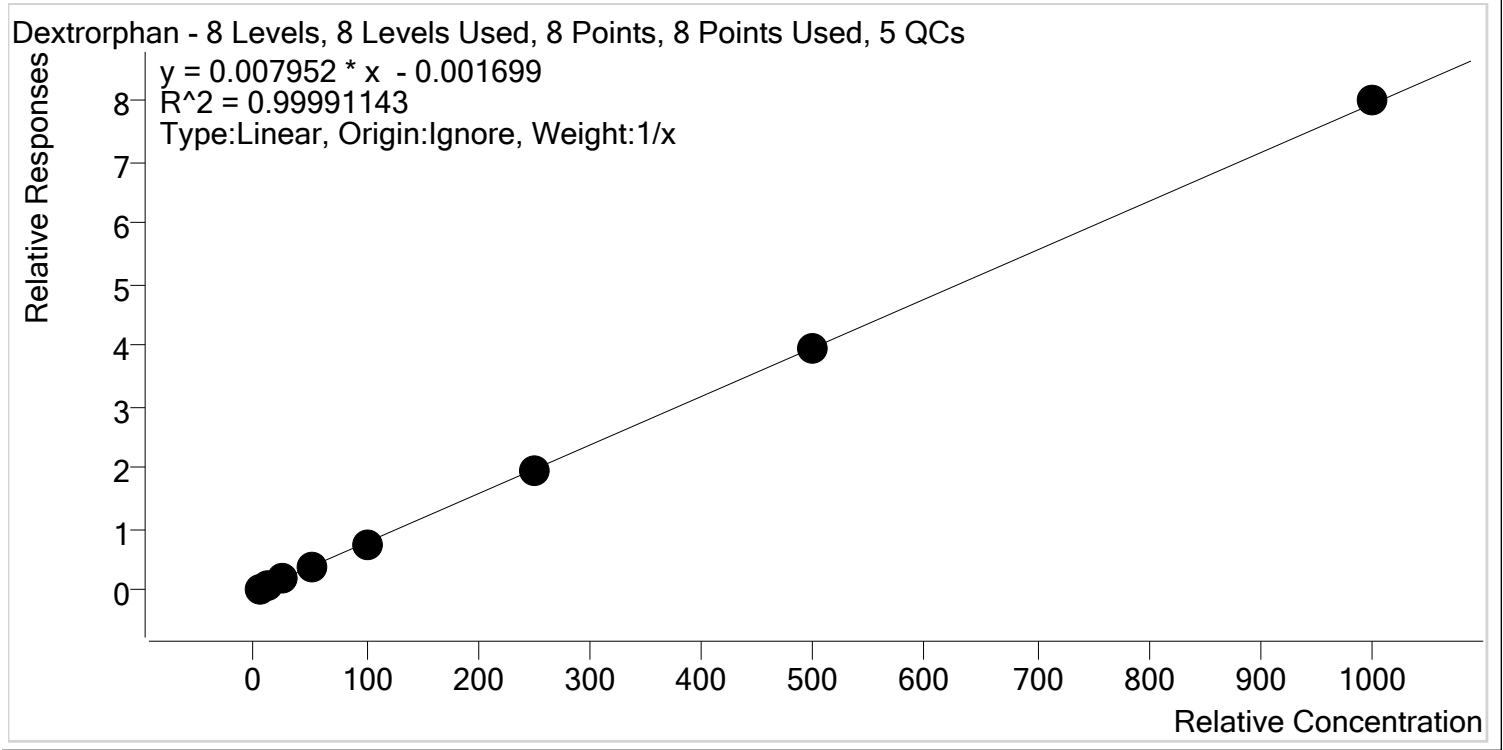


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.1
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	1015.8	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

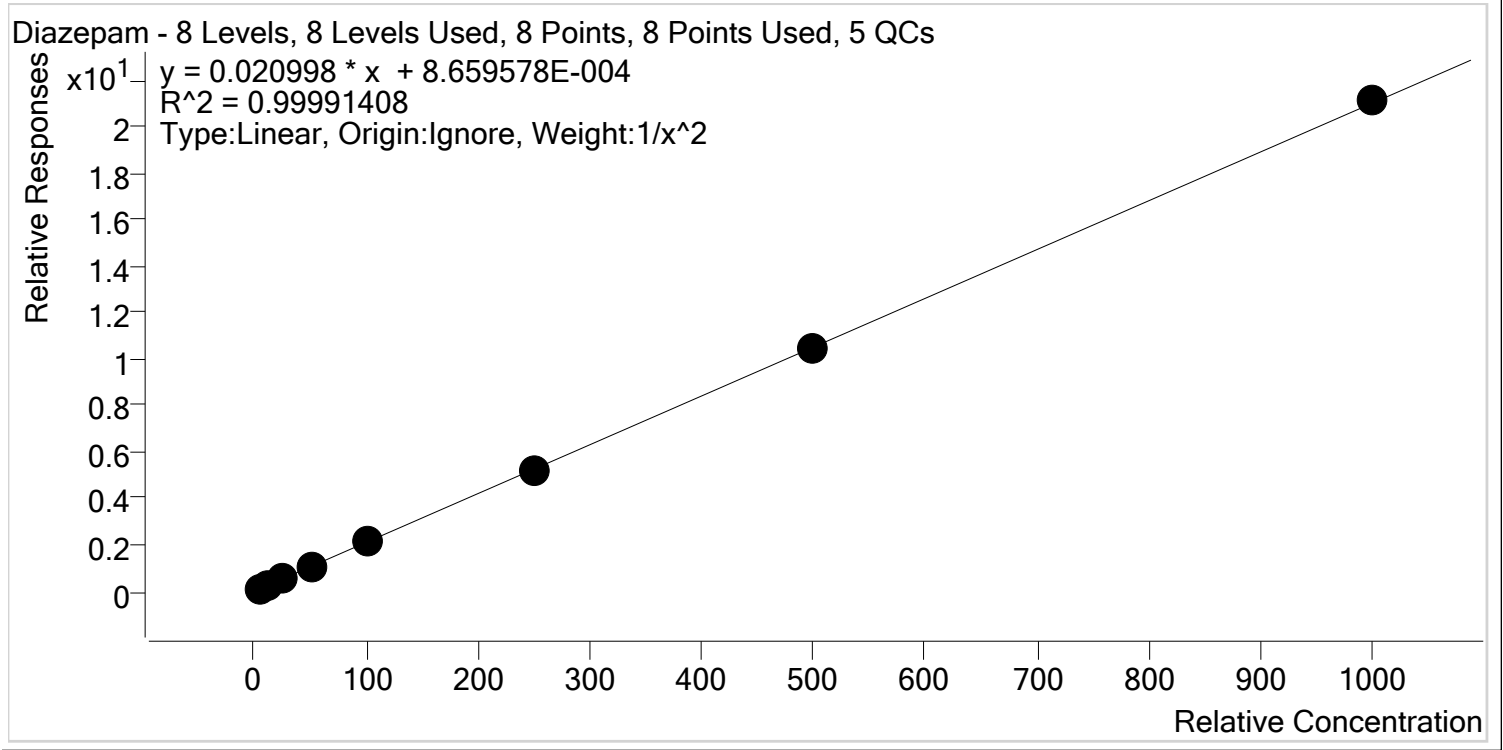


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.0
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	496.1	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1007.1	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

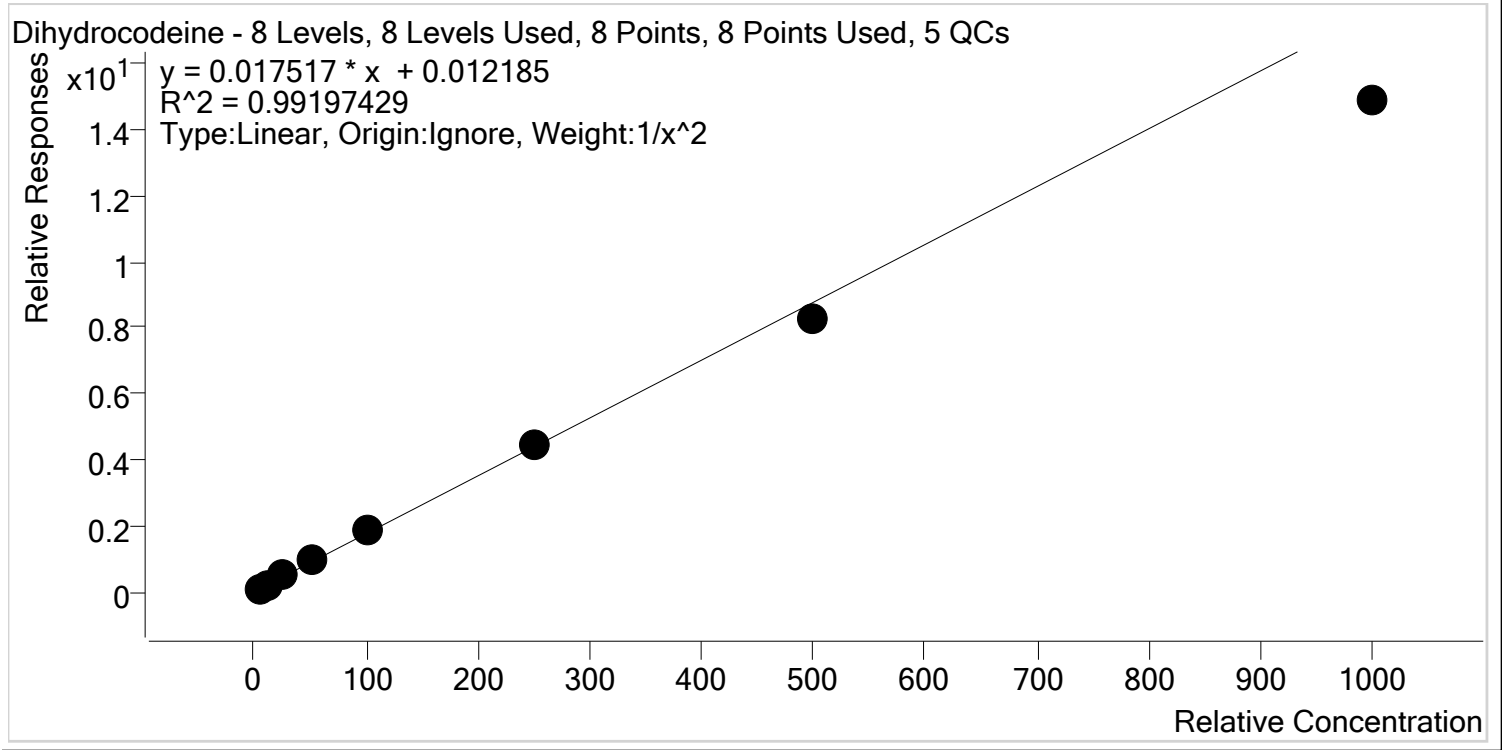


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1005.4	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

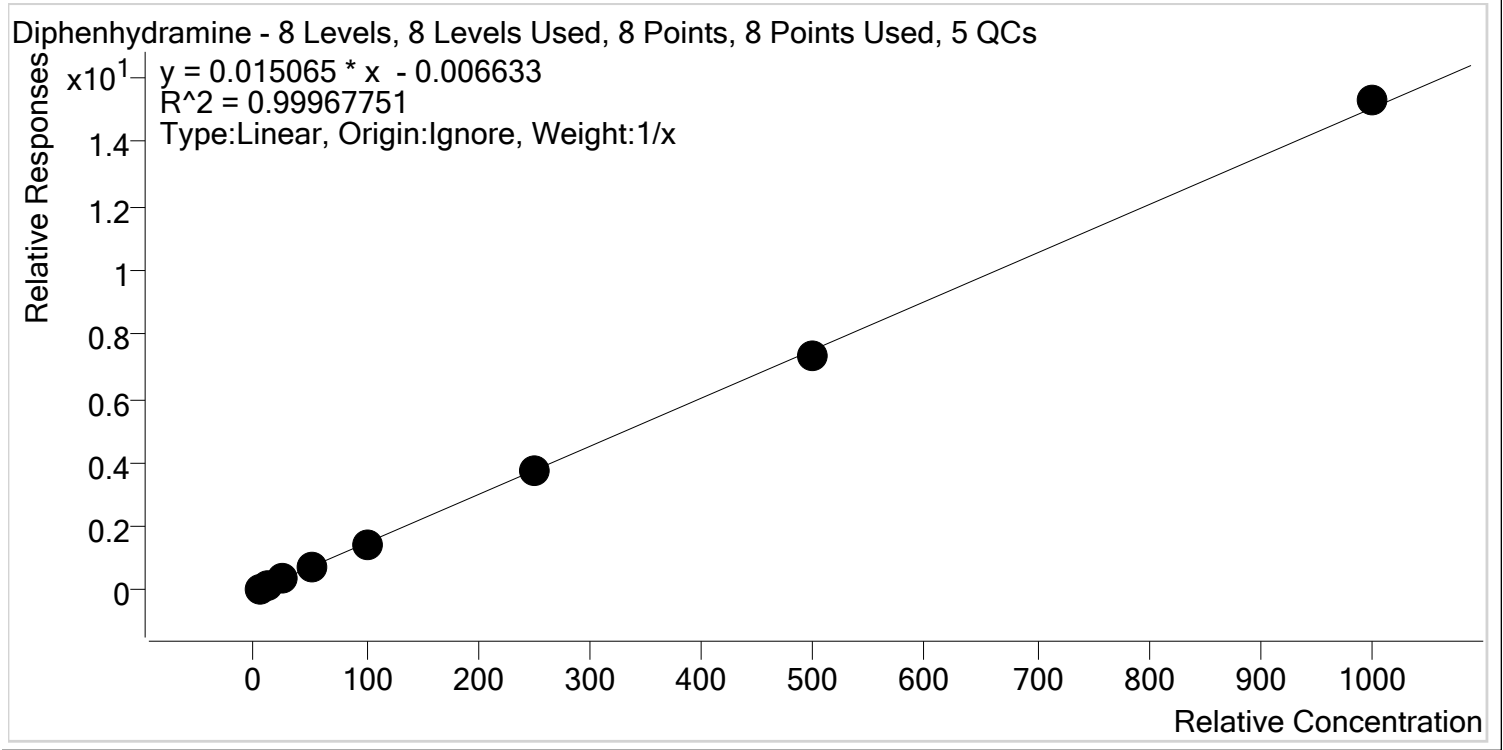


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	471.6	94.3
p1 Cal 8-1000ng	8	✓	1000.0	848.8	84.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

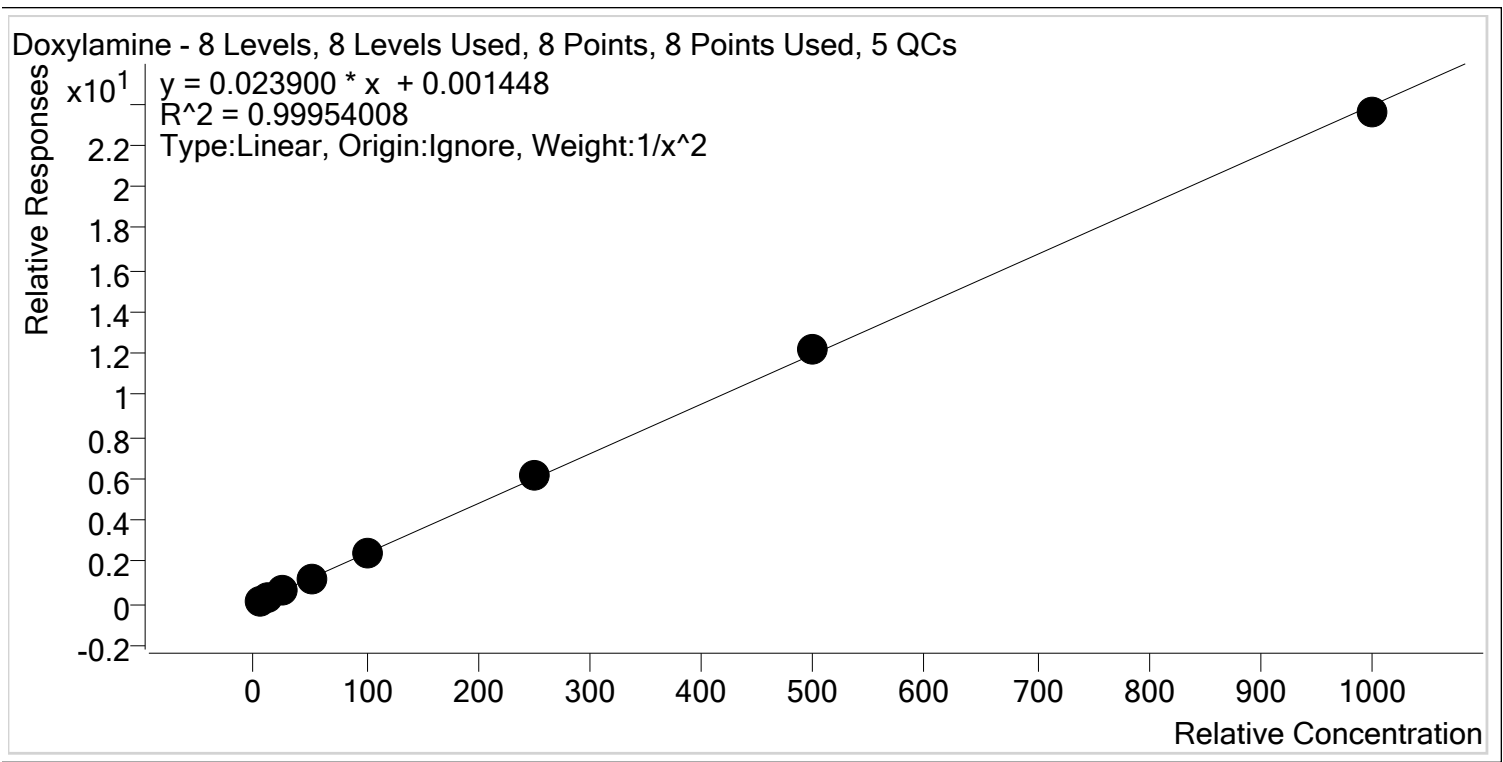


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	1015.7	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

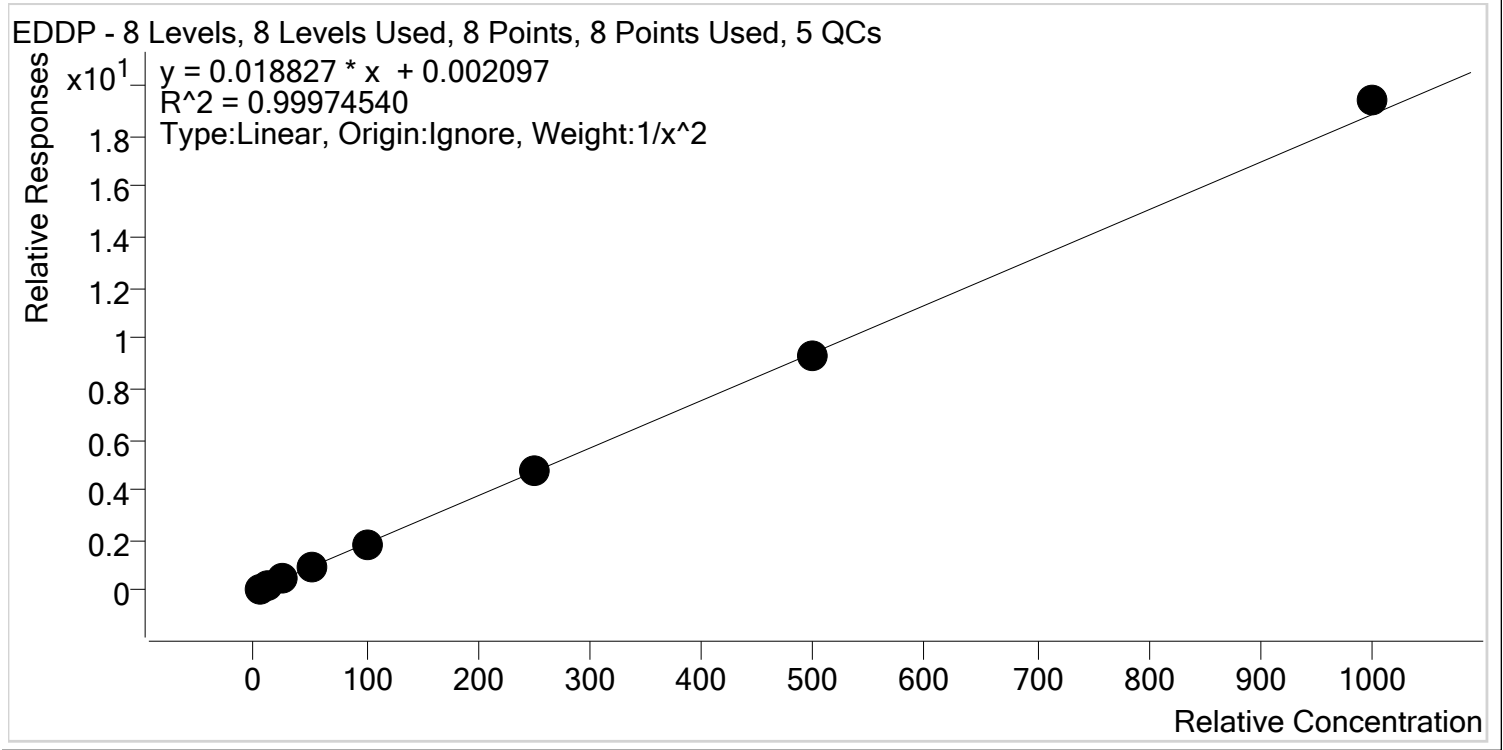


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
p1 Cal 7-500ng	7	✓	500.0	510.5	102.1
p1 Cal 8-1000ng	8	✓	1000.0	985.3	98.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

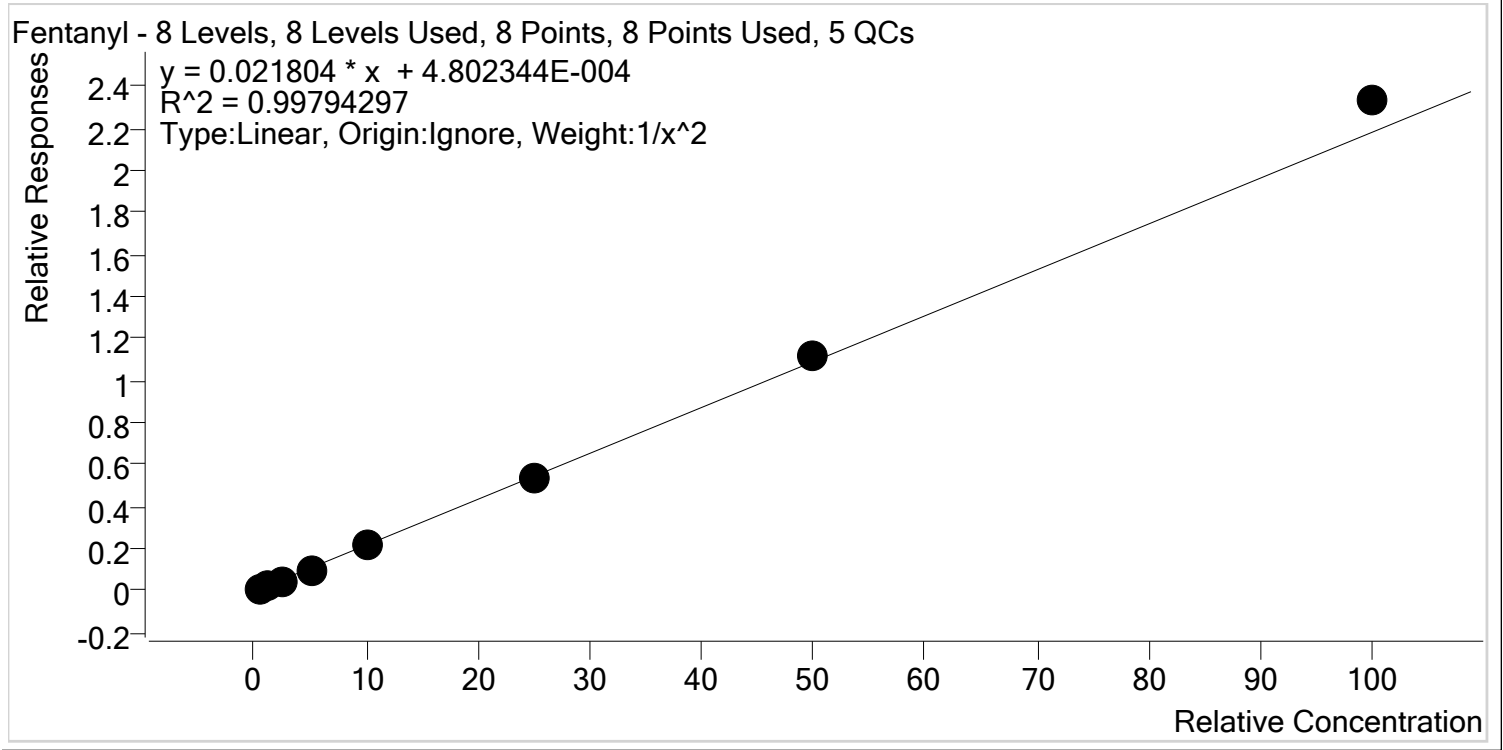


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1029.4	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

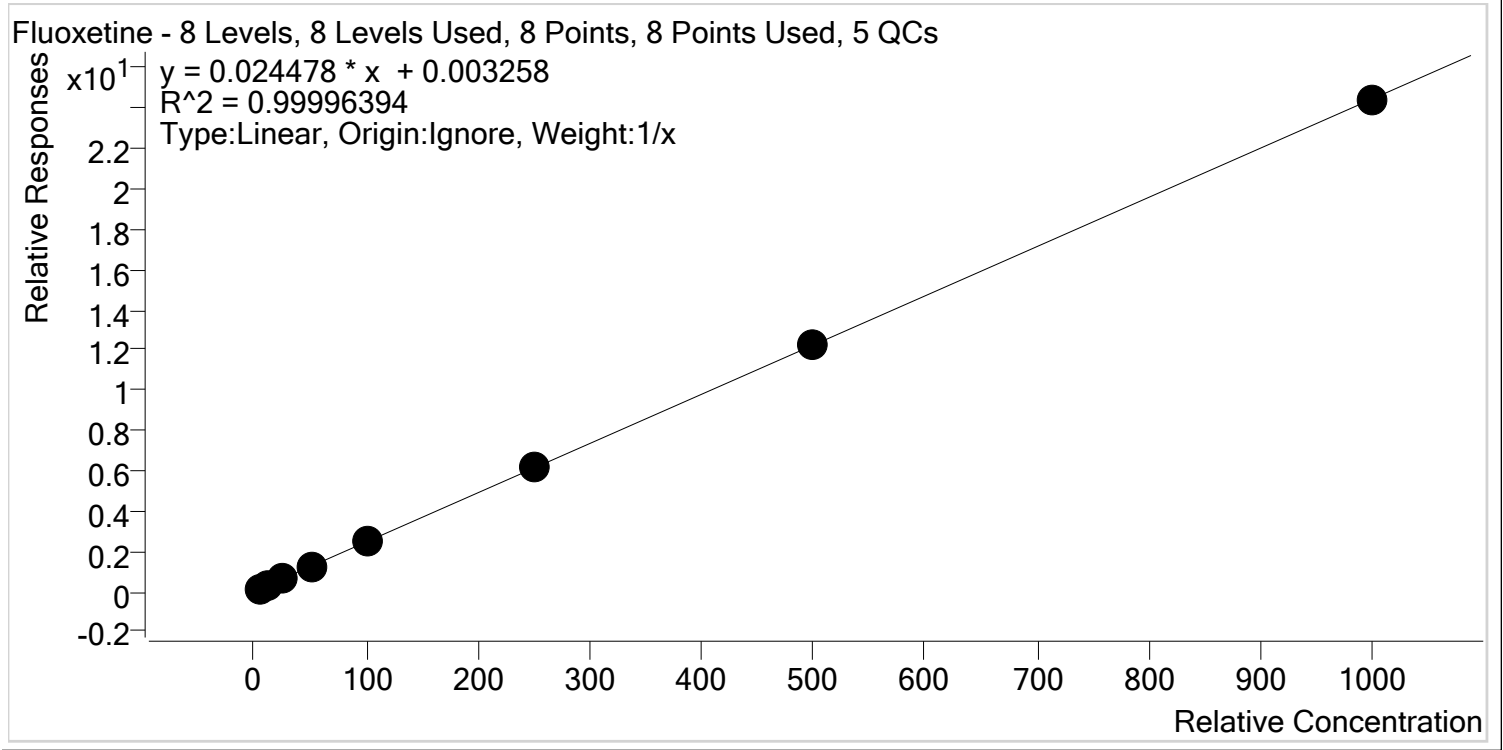


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.9
p1 Cal 2- 10ng	2	✓	1.0	1.0	101.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.9
p1 Cal 4-50ng	4	✓	5.0	4.8	95.7
p1 Cal 5-100ng	5	✓	10.0	9.8	98.3
p1 Cal 6-250ng	6	✓	25.0	24.7	98.8
p1 Cal 7-500ng	7	✓	50.0	51.6	103.3
p1 Cal 8-1000ng	8	✓	100.0	106.9	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

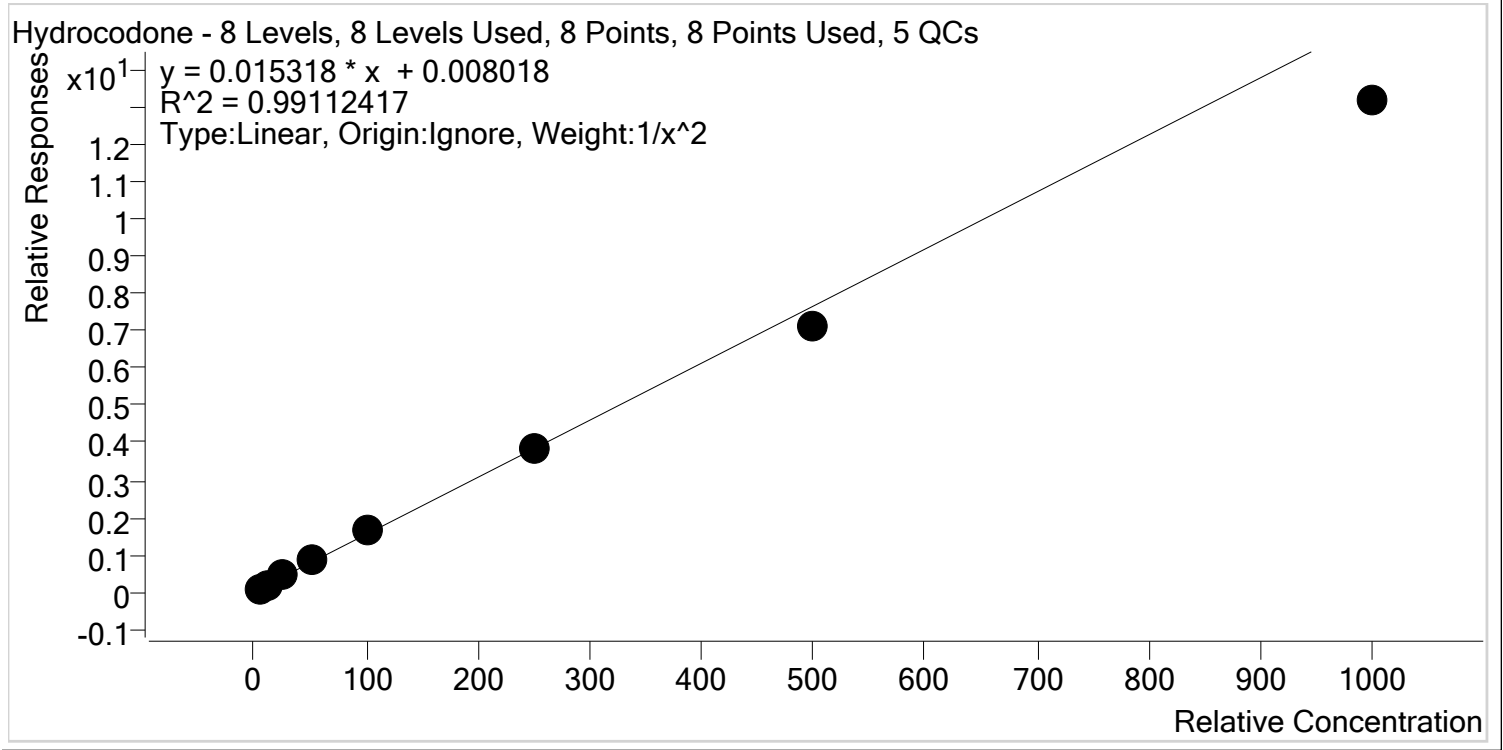


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	501.8	100.4
p1 Cal 8-1000ng	8	✓	1000.0	996.7	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



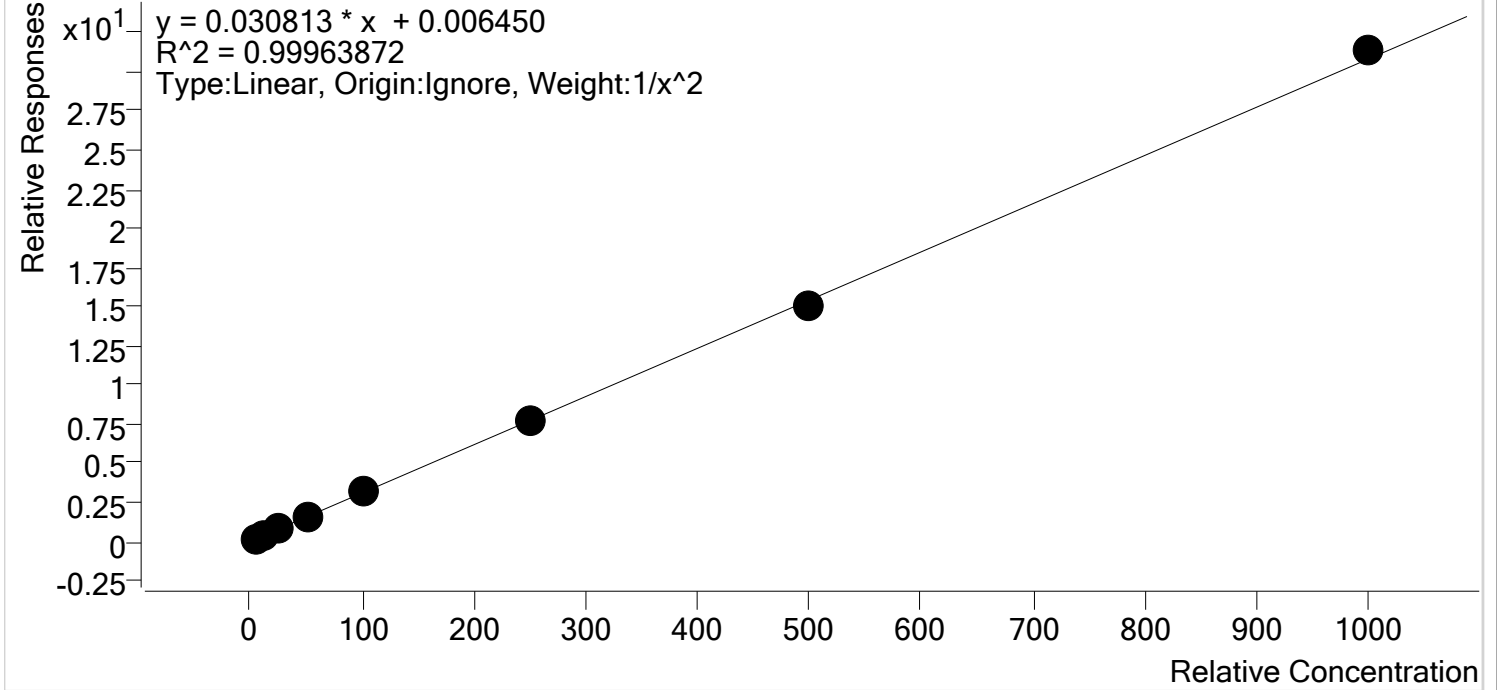
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.4
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	463.1	92.6
p1 Cal 8-1000ng	8	✓	1000.0	860.1	86.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

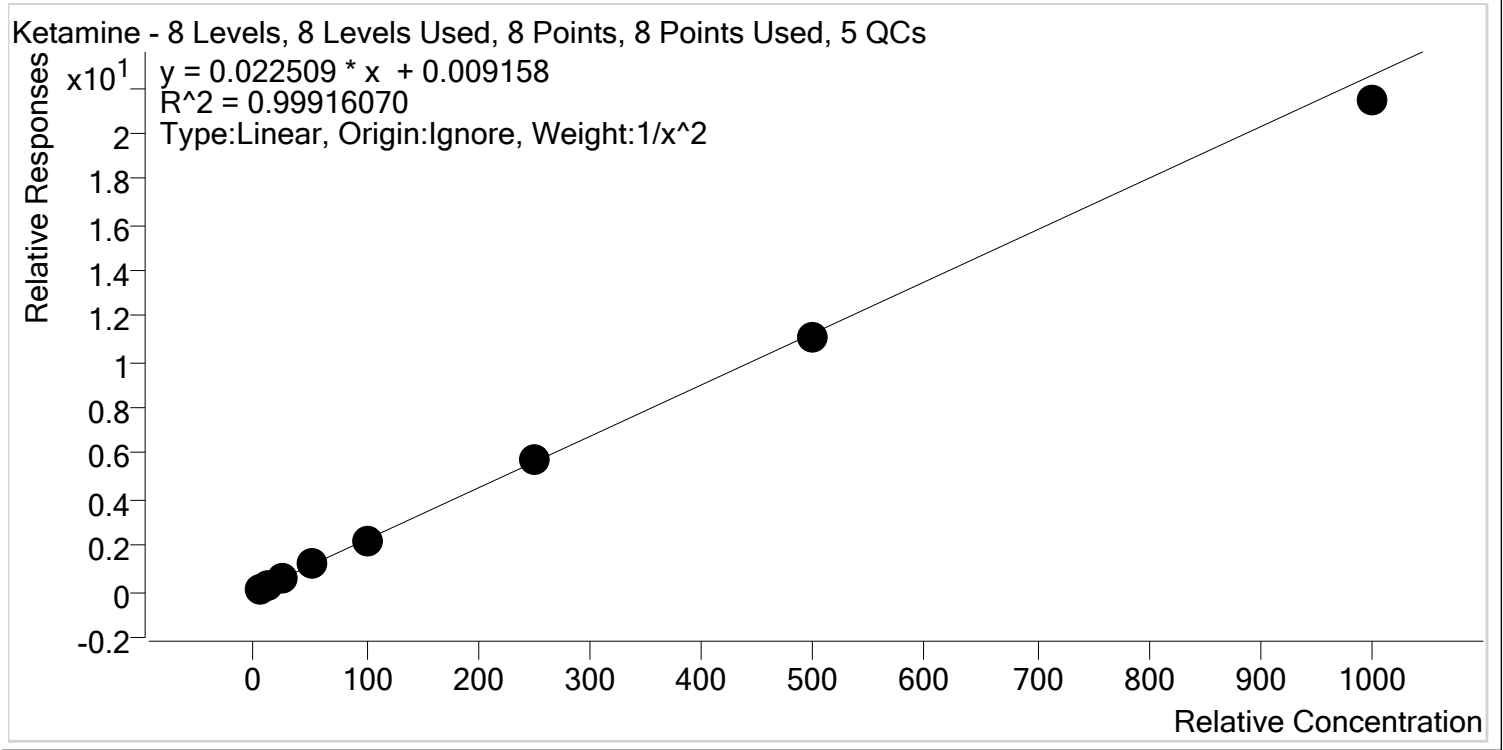


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	490.5	98.1
p1 Cal 8-1000ng	8	✓	1000.0	1017.6	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

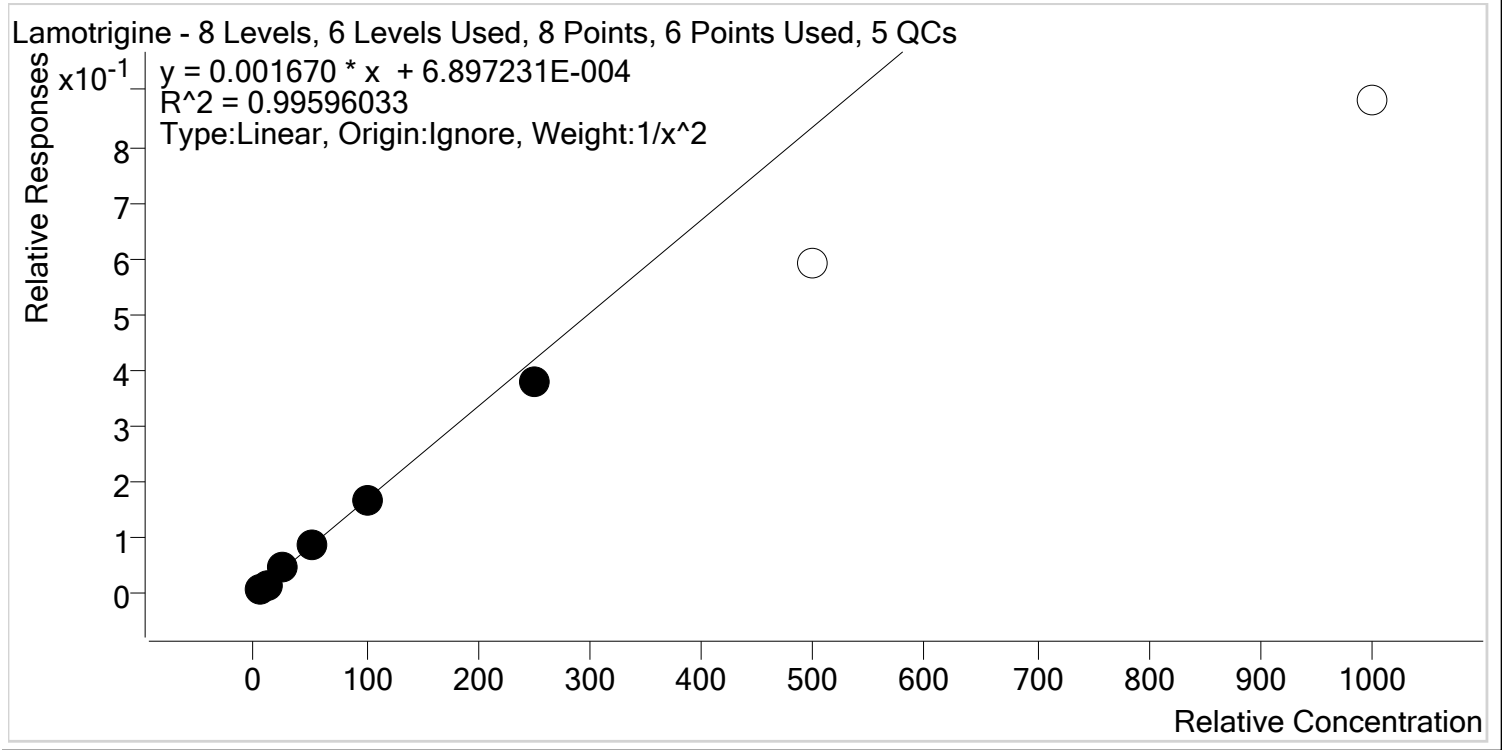


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	491.7	98.3
p1 Cal 8-1000ng	8	✓	1000.0	950.8	95.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

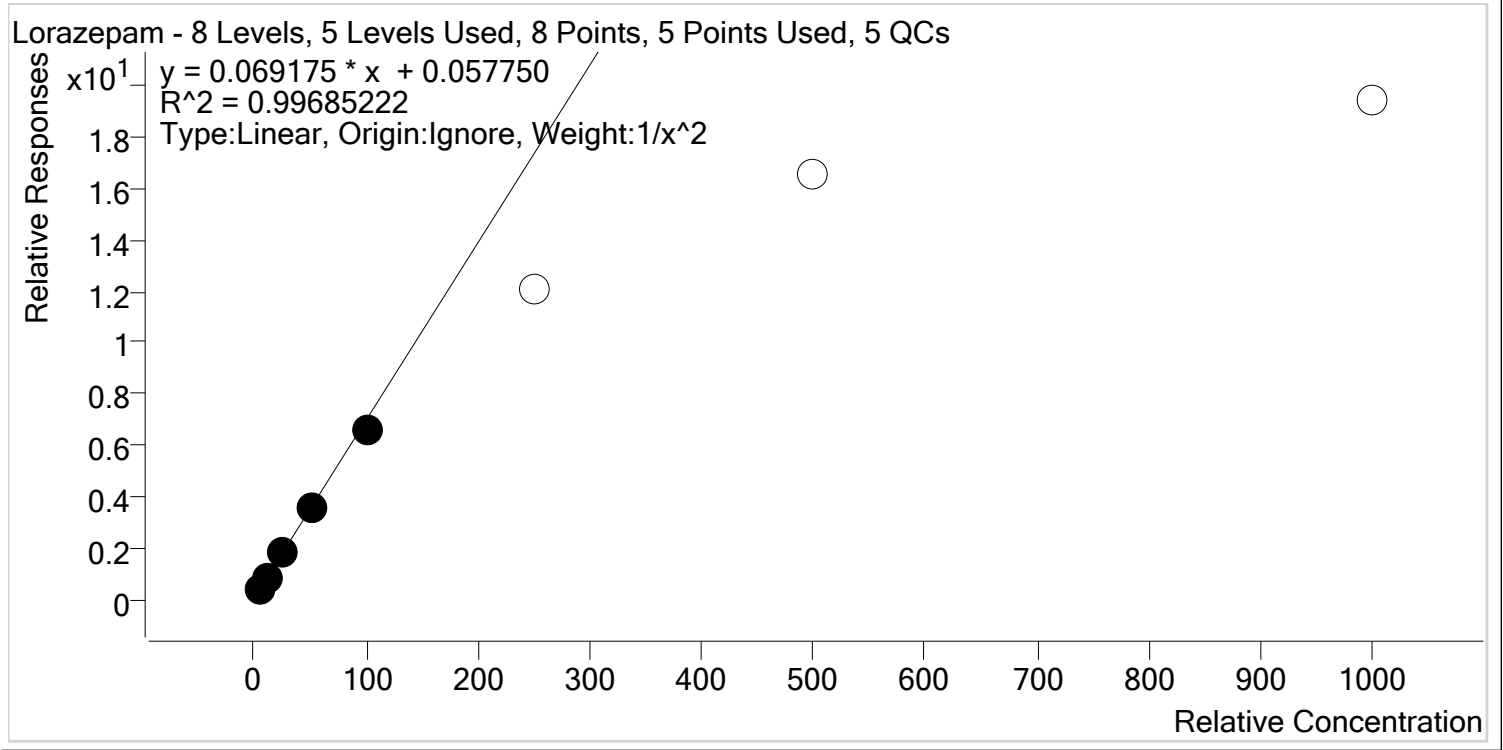


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	228.3	91.3
p1 Cal 7-500ng	7	x	500.0	355.3	71.1
p1 Cal 8-1000ng	8	x	1000.0	527.8	52.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

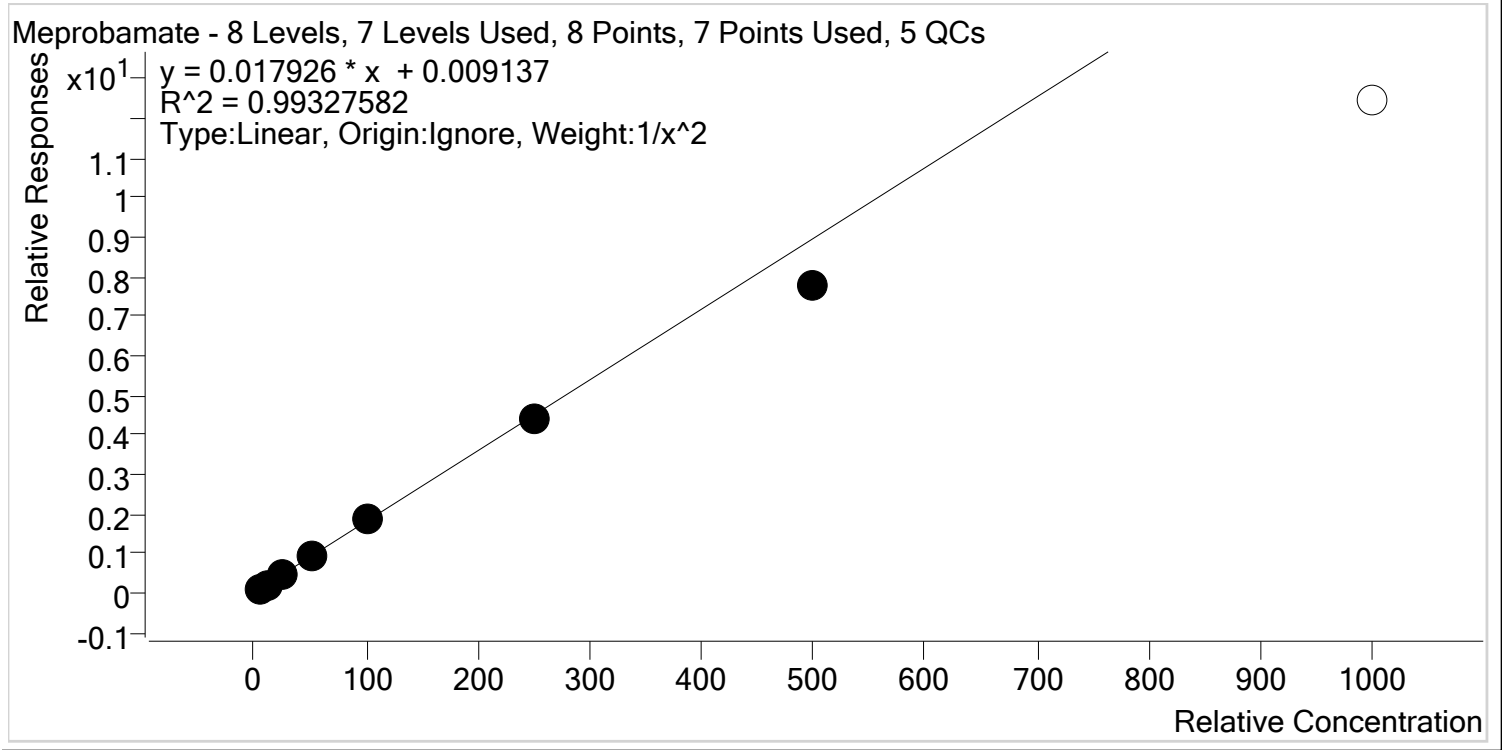


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	93.8	93.8
p1 Cal 6-250ng	6	✗	250.0	173.3	69.3
p1 Cal 7-500ng	7	✗	500.0	239.0	47.8
p1 Cal 8-1000ng	8	✗	1000.0	280.1	28.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

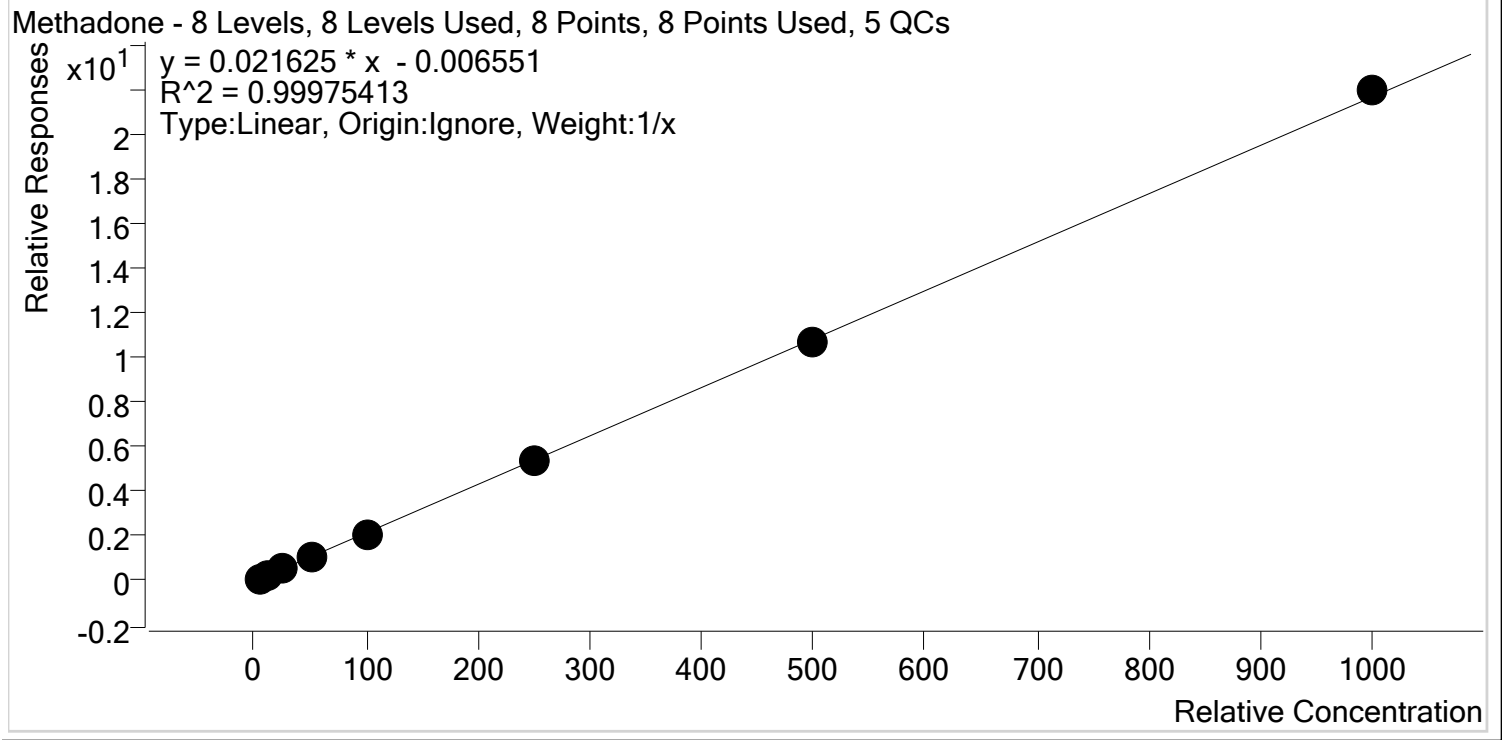


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	432.6	86.5
p1 Cal 8-1000ng	8	✗	1000.0	694.8	69.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

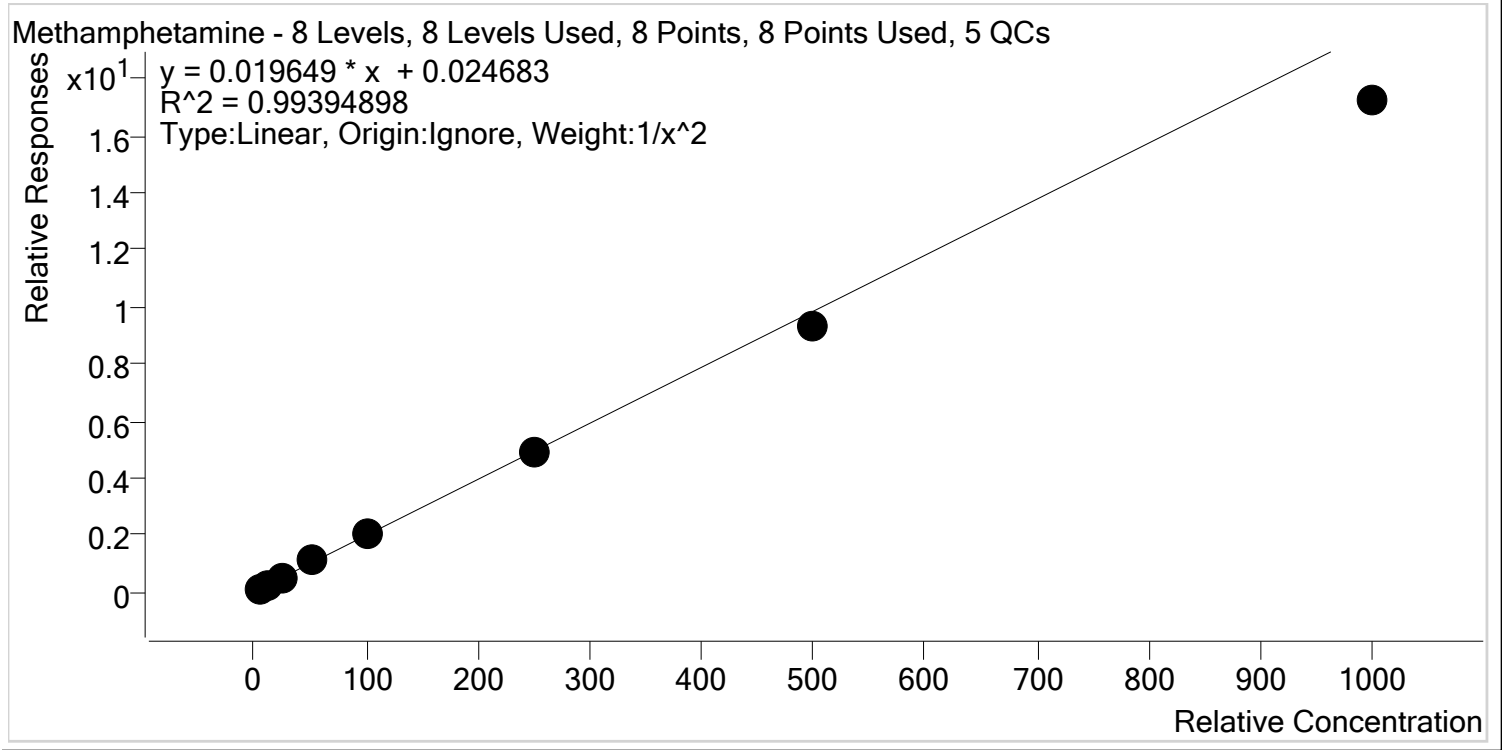


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	493.3	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1013.3	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

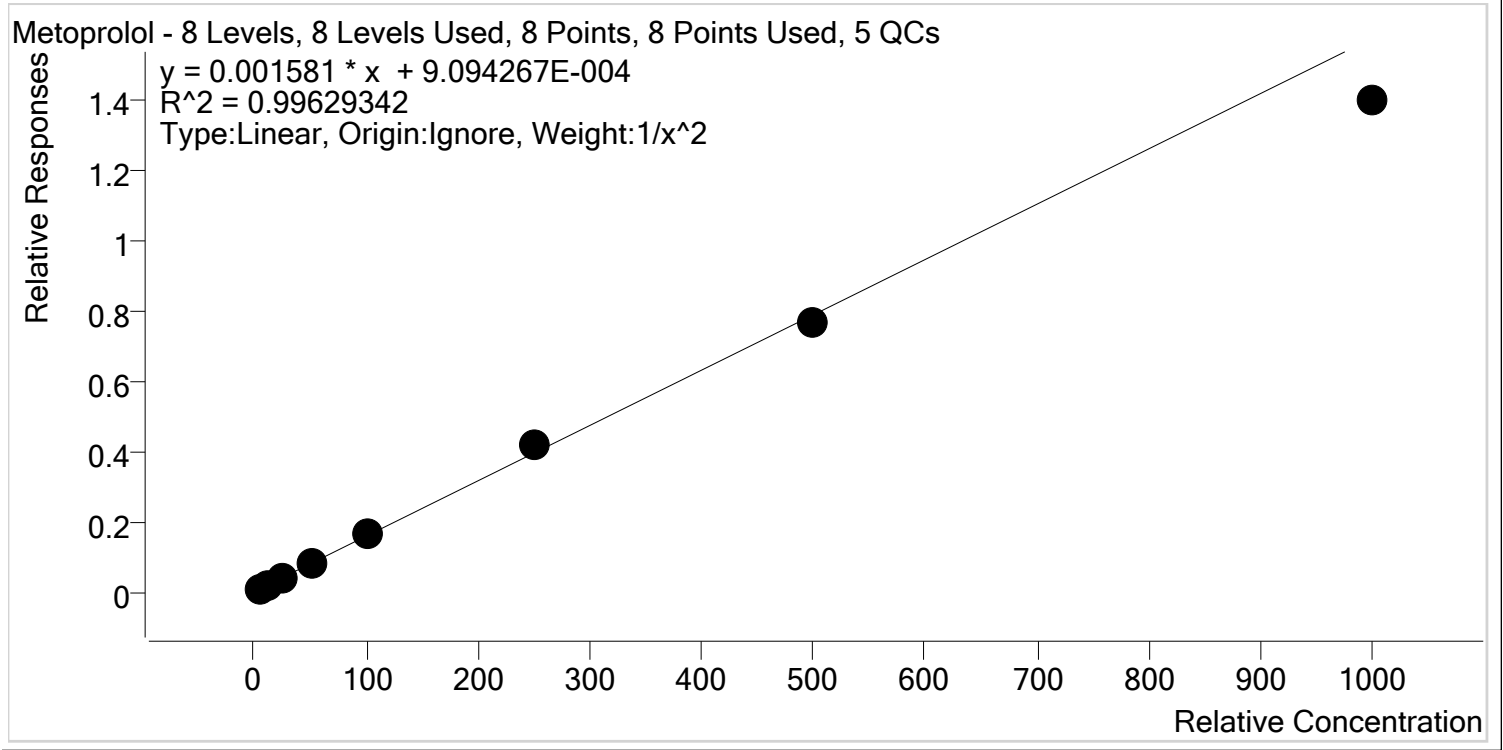


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	471.7	94.3
p1 Cal 8-1000ng	8	✓	1000.0	876.0	87.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

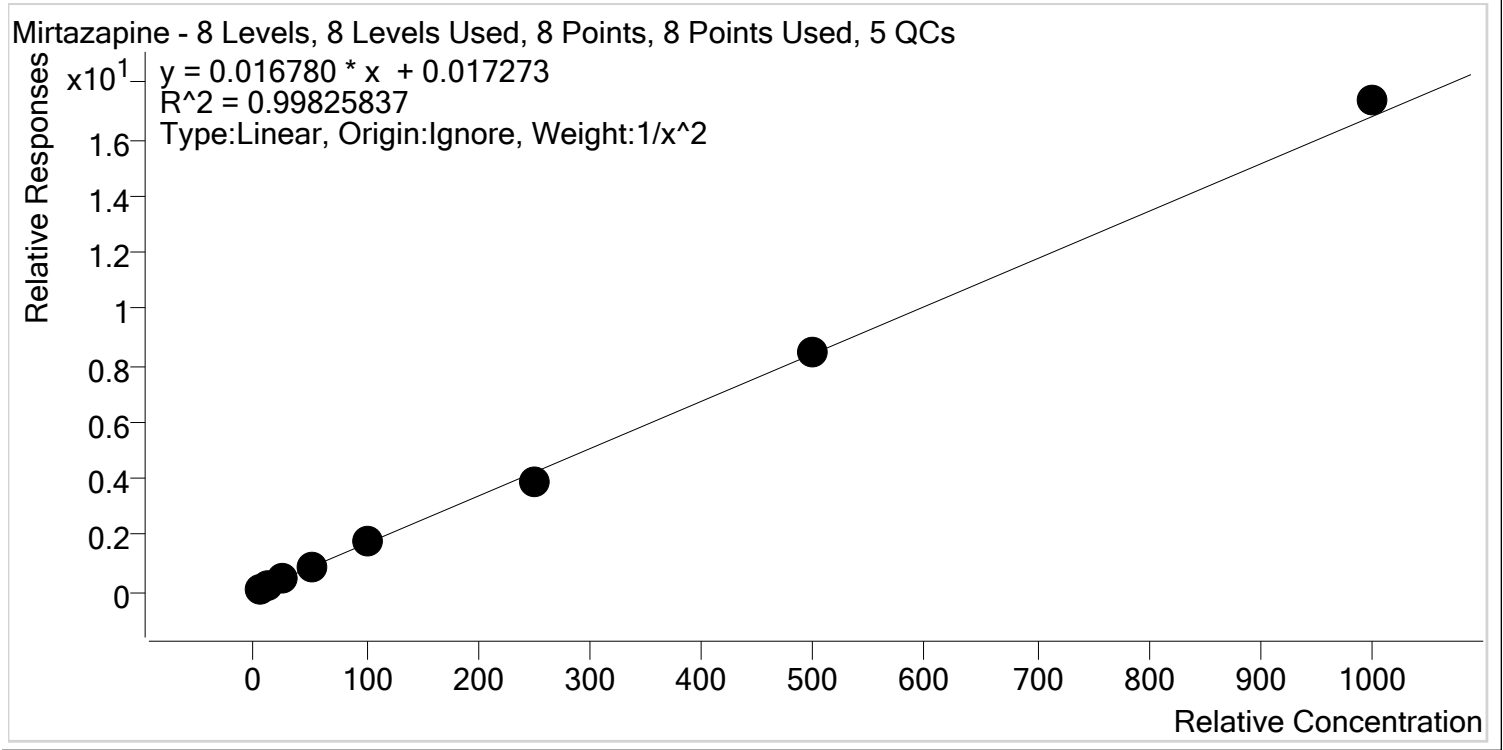


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	887.4	88.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

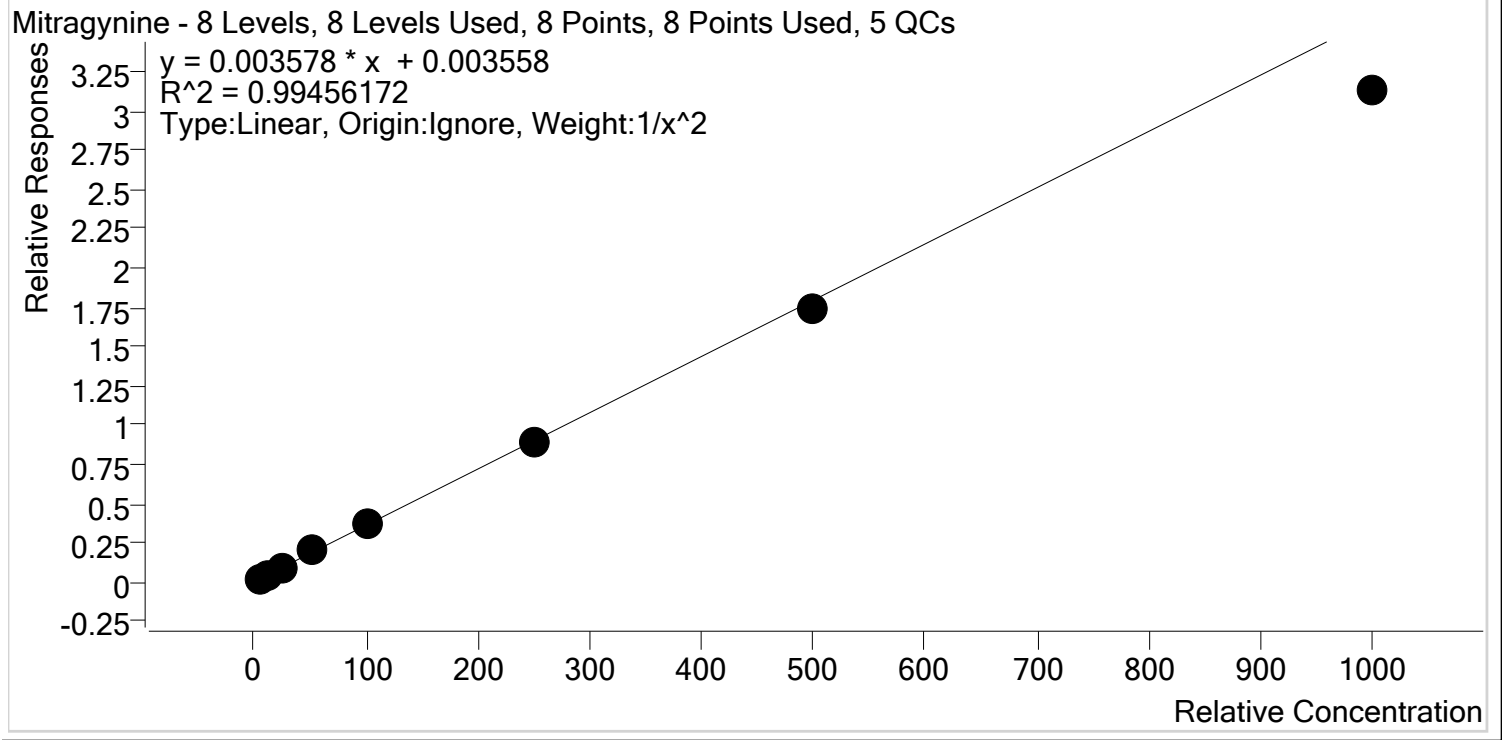


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	231.1	92.4
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1033.6	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

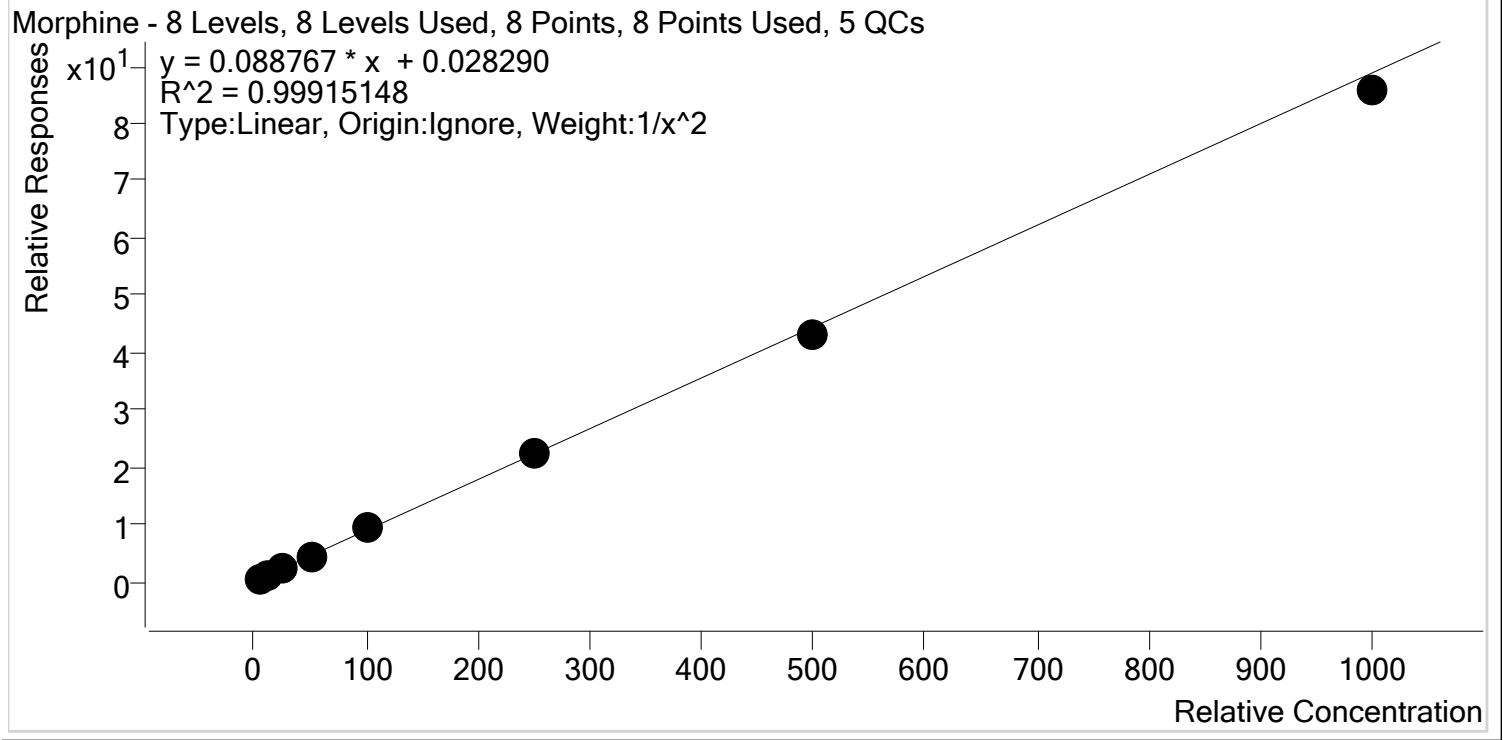


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	485.6	97.1
p1 Cal 8-1000ng	8	✓	1000.0	872.6	87.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

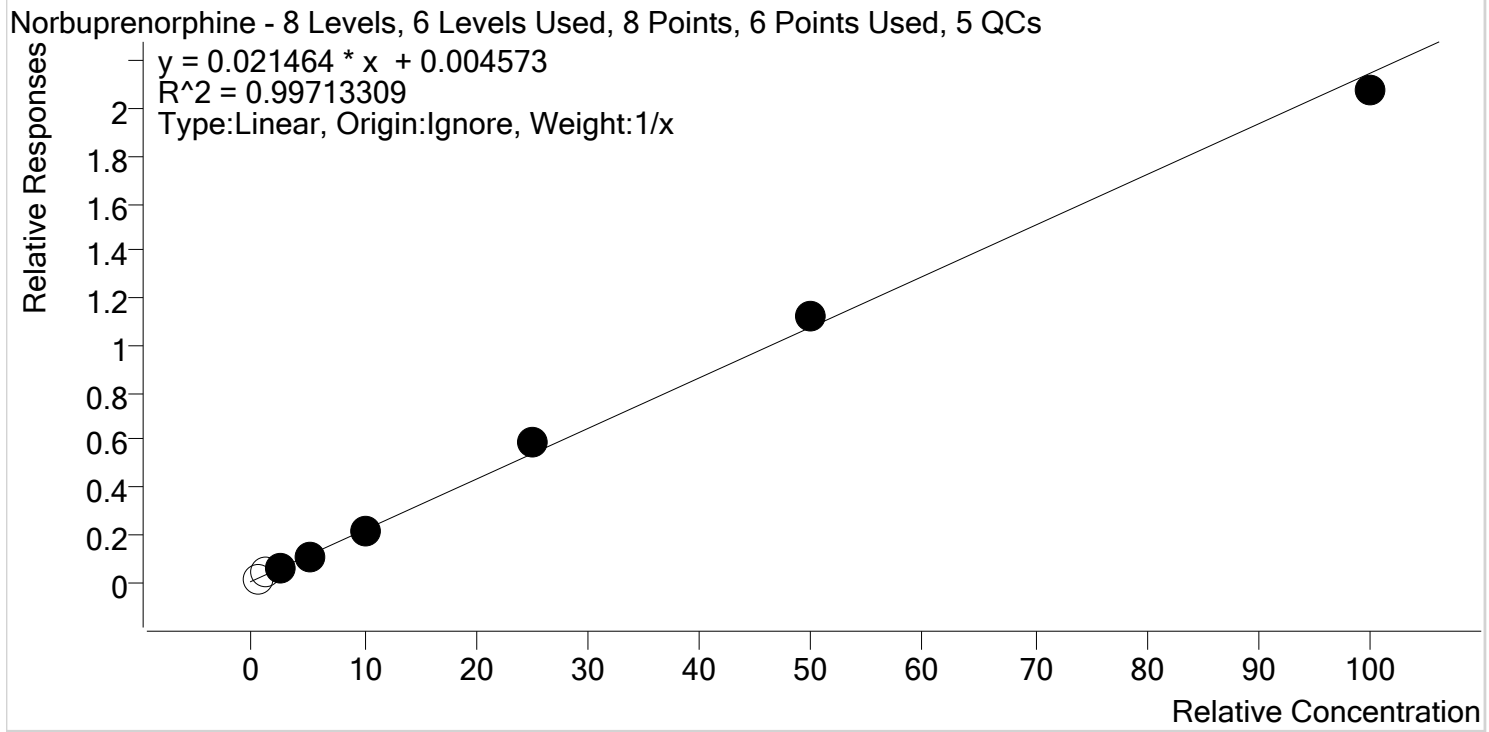


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	250.1	100.1
p1 Cal 7-500ng	7	✓	500.0	483.2	96.6
p1 Cal 8-1000ng	8	✓	1000.0	965.2	96.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

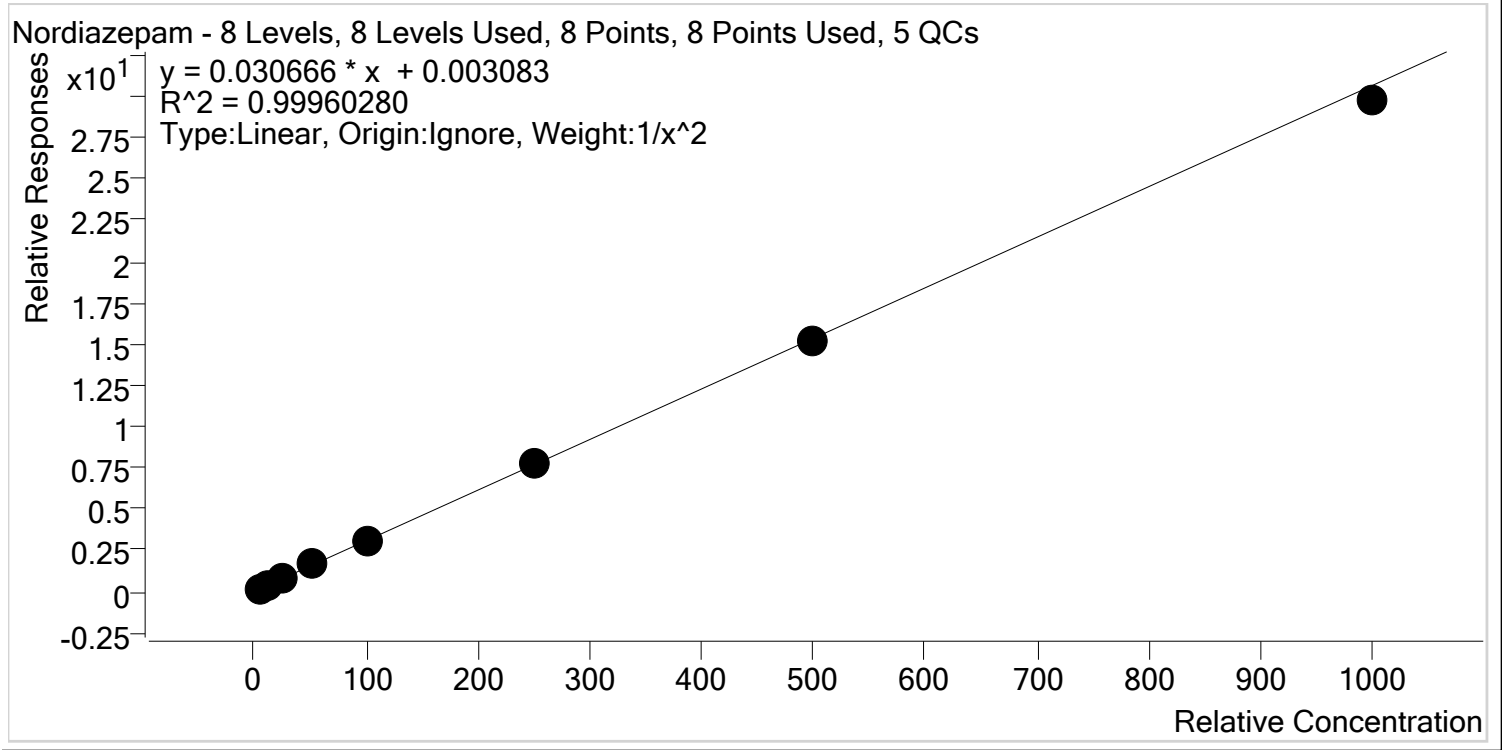


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	83.9
p1 Cal 2- 10ng	2	x	1.0	1.5	148.6
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.2
p1 Cal 4-50ng	4	✓	5.0	4.4	88.3
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	27.0	107.8
p1 Cal 7-500ng	7	✓	50.0	52.0	103.9
p1 Cal 8-1000ng	8	✓	100.0	96.6	96.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

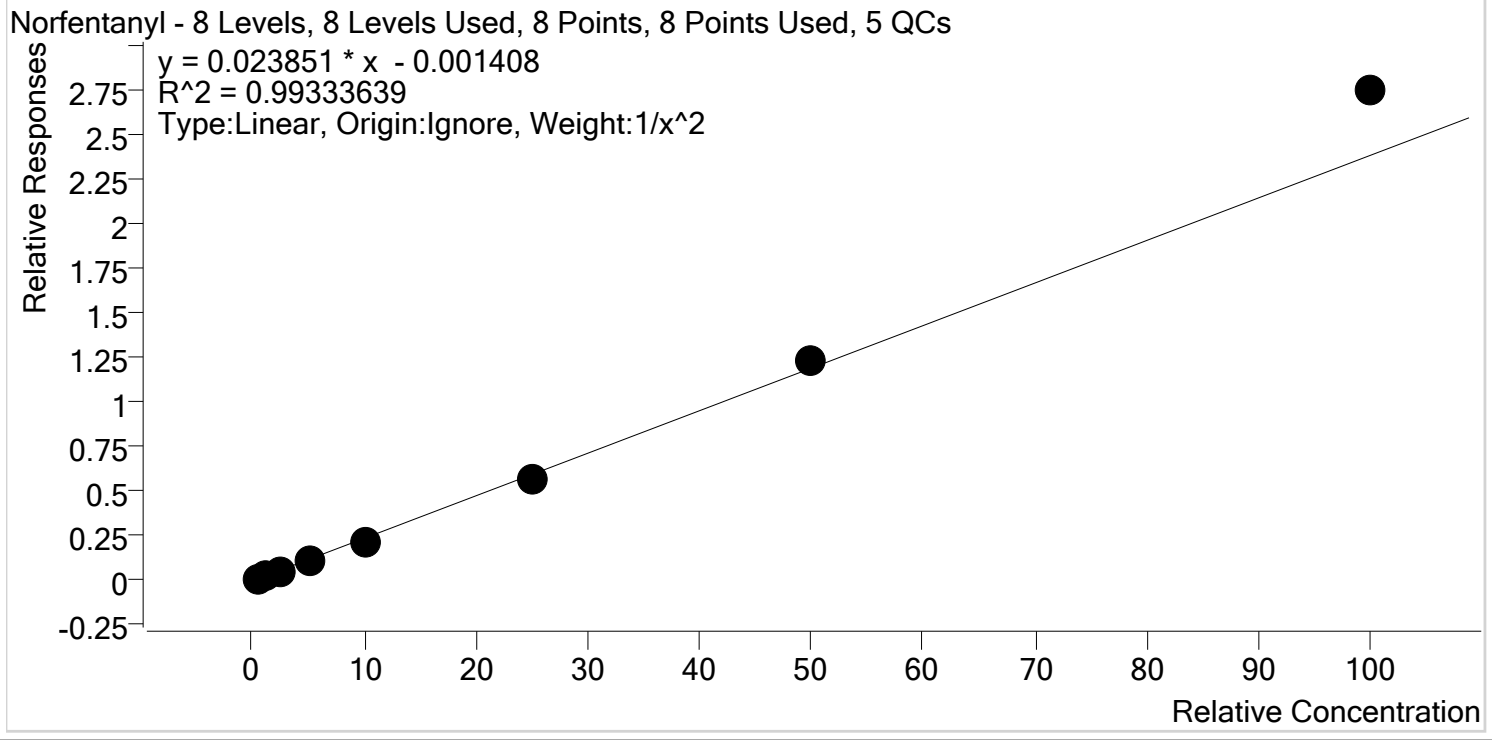


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	496.7	99.3
p1 Cal 8-1000ng	8	✓	1000.0	970.3	97.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

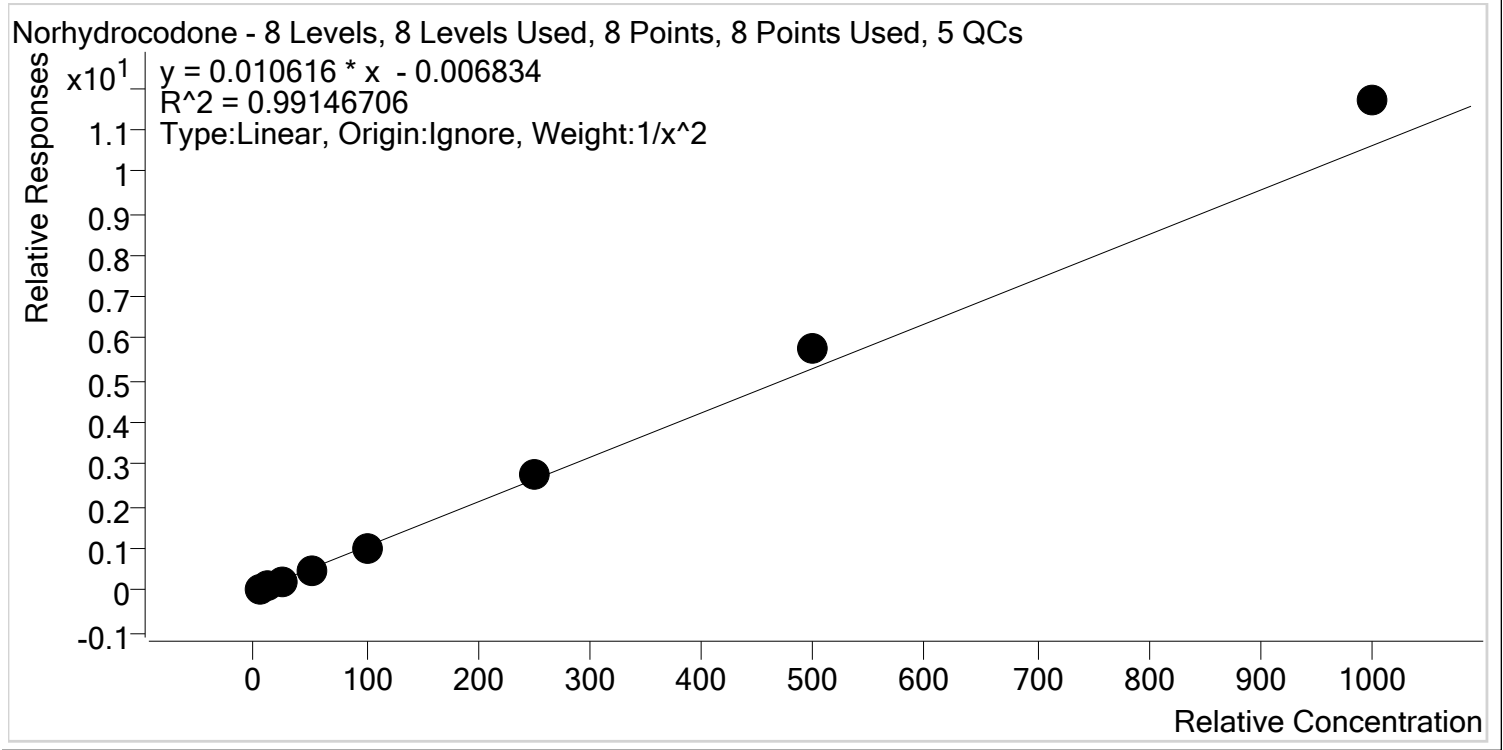


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	100.5
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.7
p1 Cal 4-50ng	4	✓	5.0	4.7	94.2
p1 Cal 5-100ng	5	✓	10.0	9.5	94.5
p1 Cal 6-250ng	6	✓	25.0	24.3	97.3
p1 Cal 7-500ng	7	✓	50.0	51.4	102.7
p1 Cal 8-1000ng	8	✓	100.0	115.2	115.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

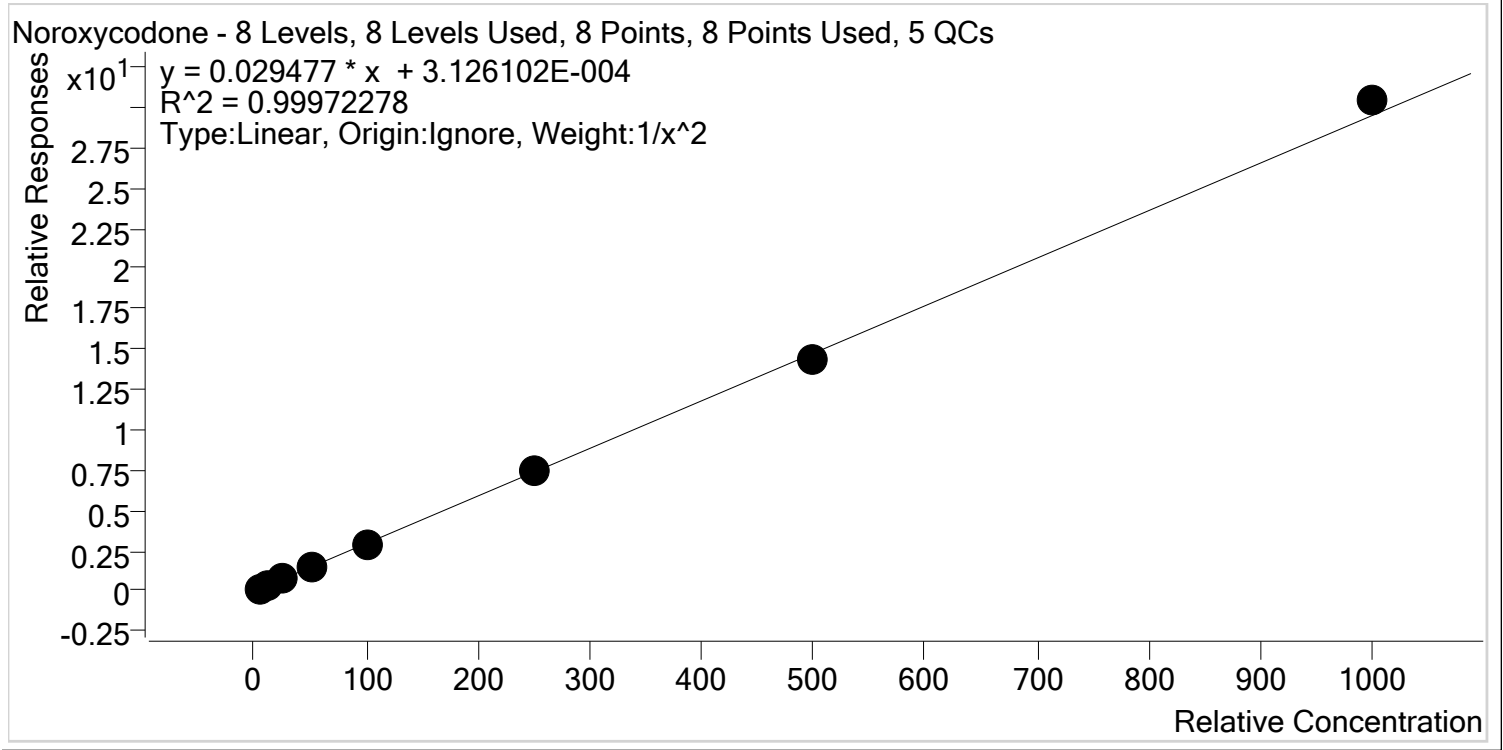


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	22.0	88.1
p1 Cal 4-50ng	4	✓	50.0	46.2	92.3
p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	546.6	109.3
p1 Cal 8-1000ng	8	✓	1000.0	1101.0	110.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

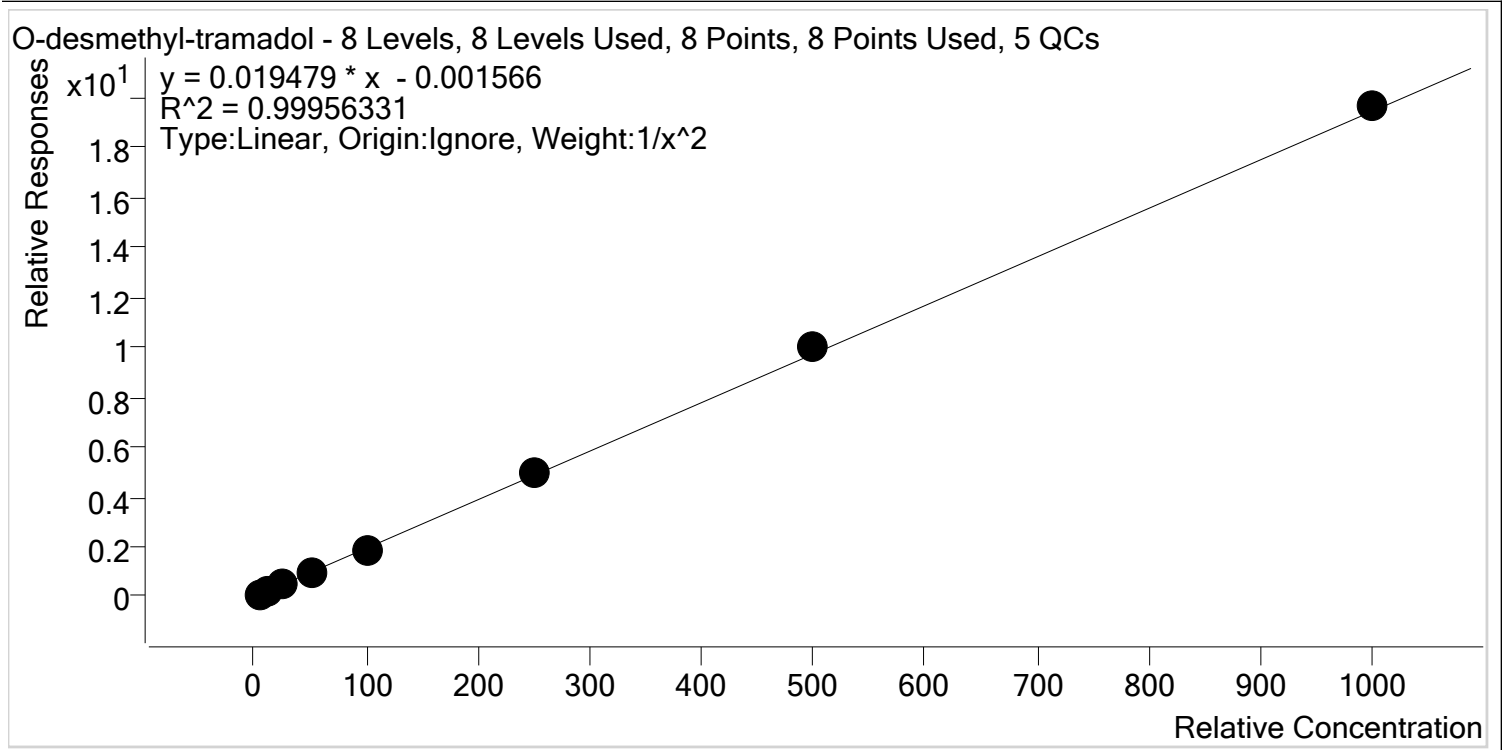


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	490.5	98.1
p1 Cal 8-1000ng	8	✓	1000.0	1031.4	103.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

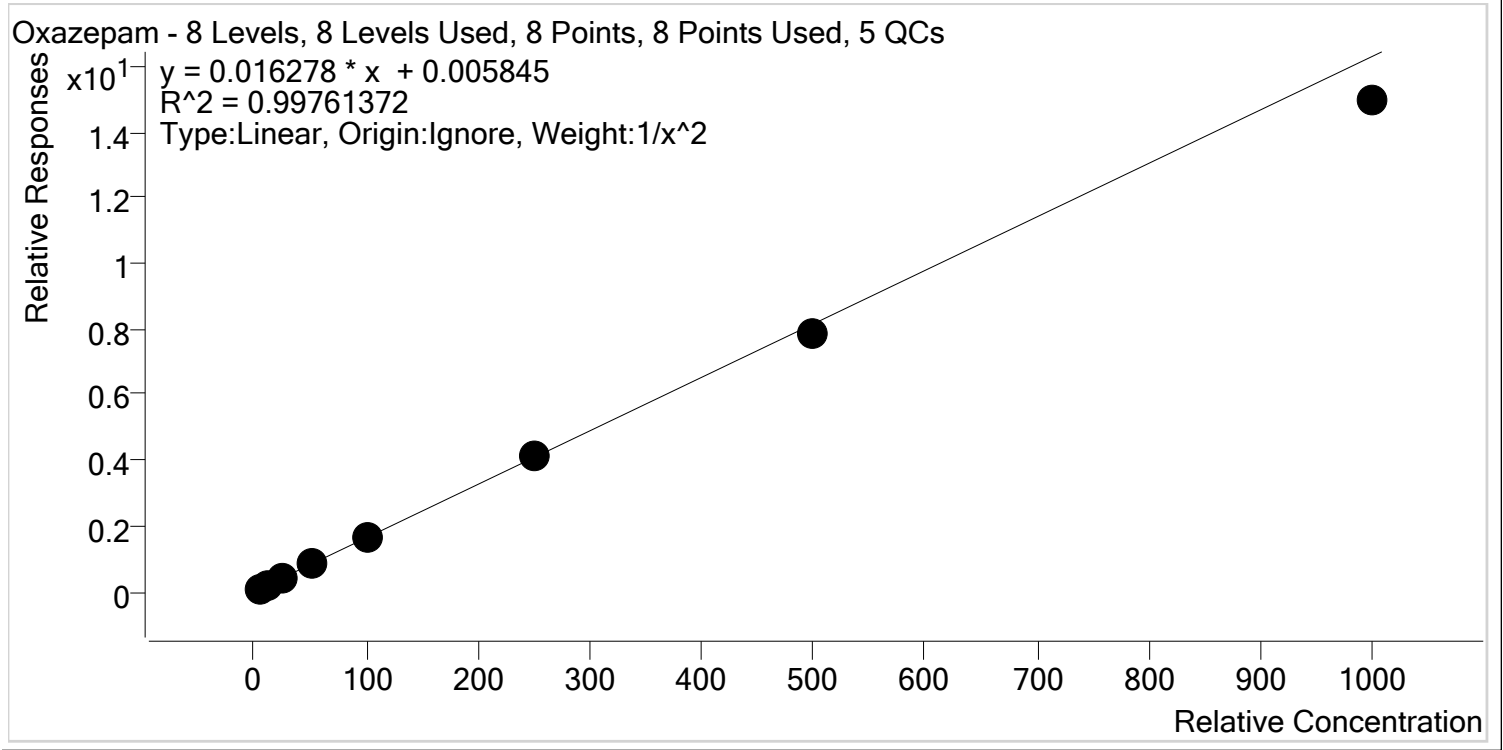


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	513.1	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1010.5	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

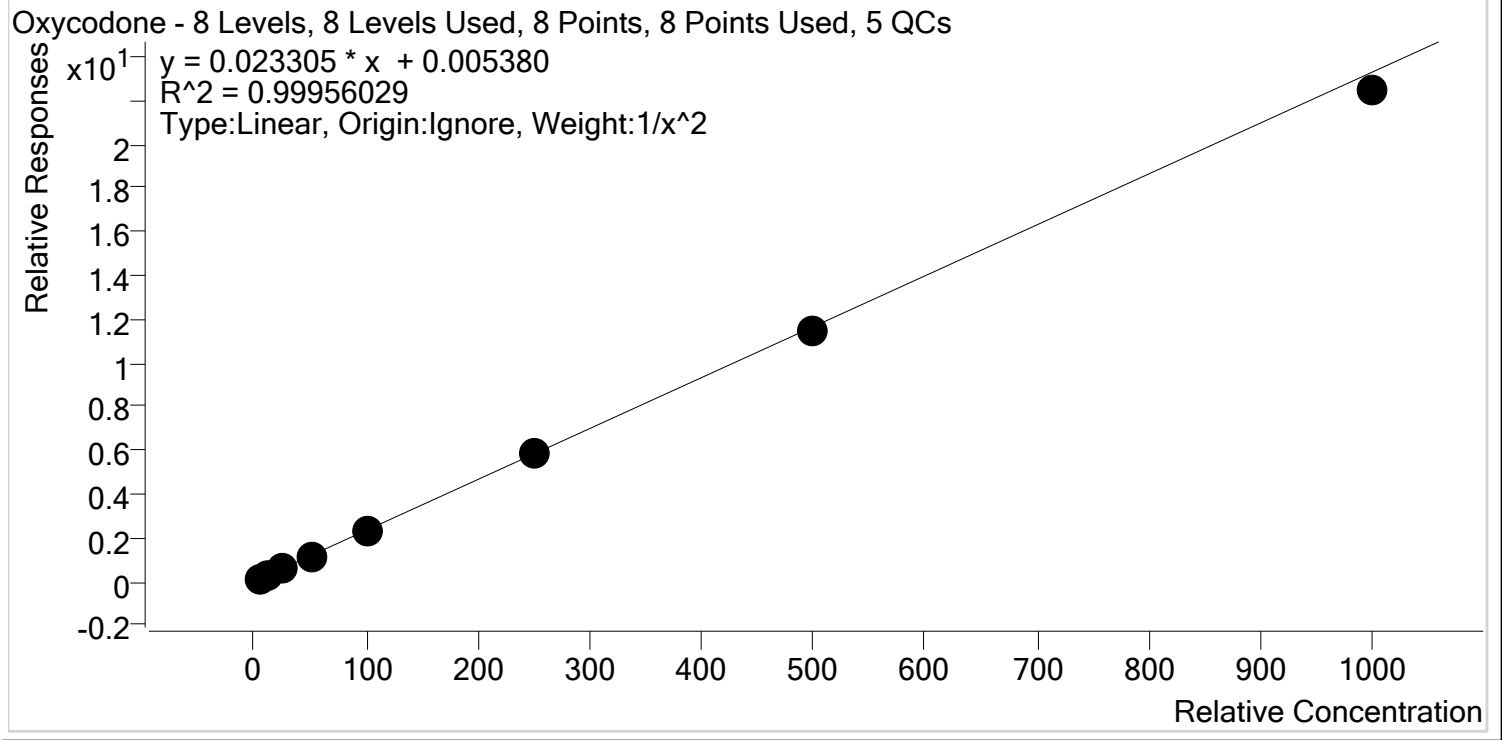


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	483.8	96.8
p1 Cal 8-1000ng	8	✓	1000.0	917.5	91.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

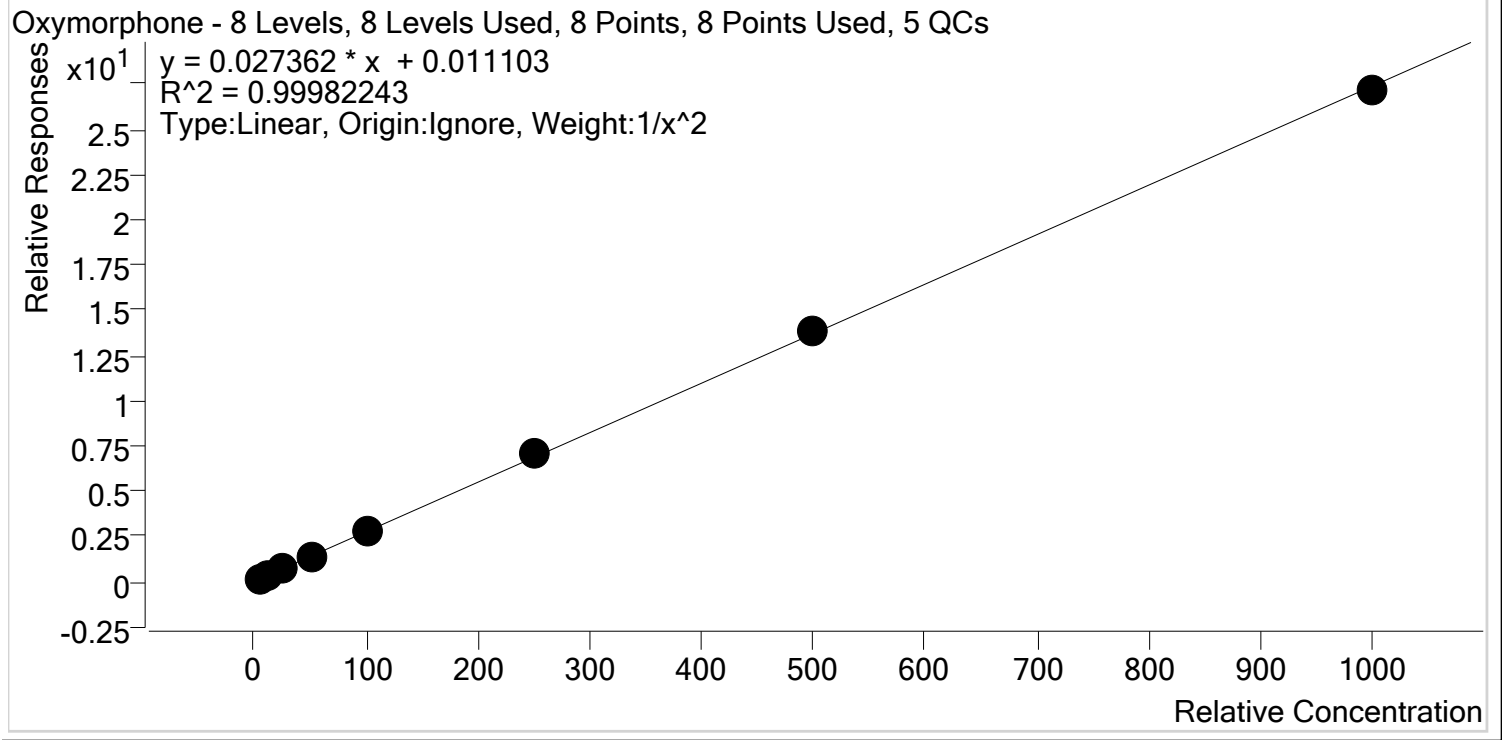


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	963.8	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

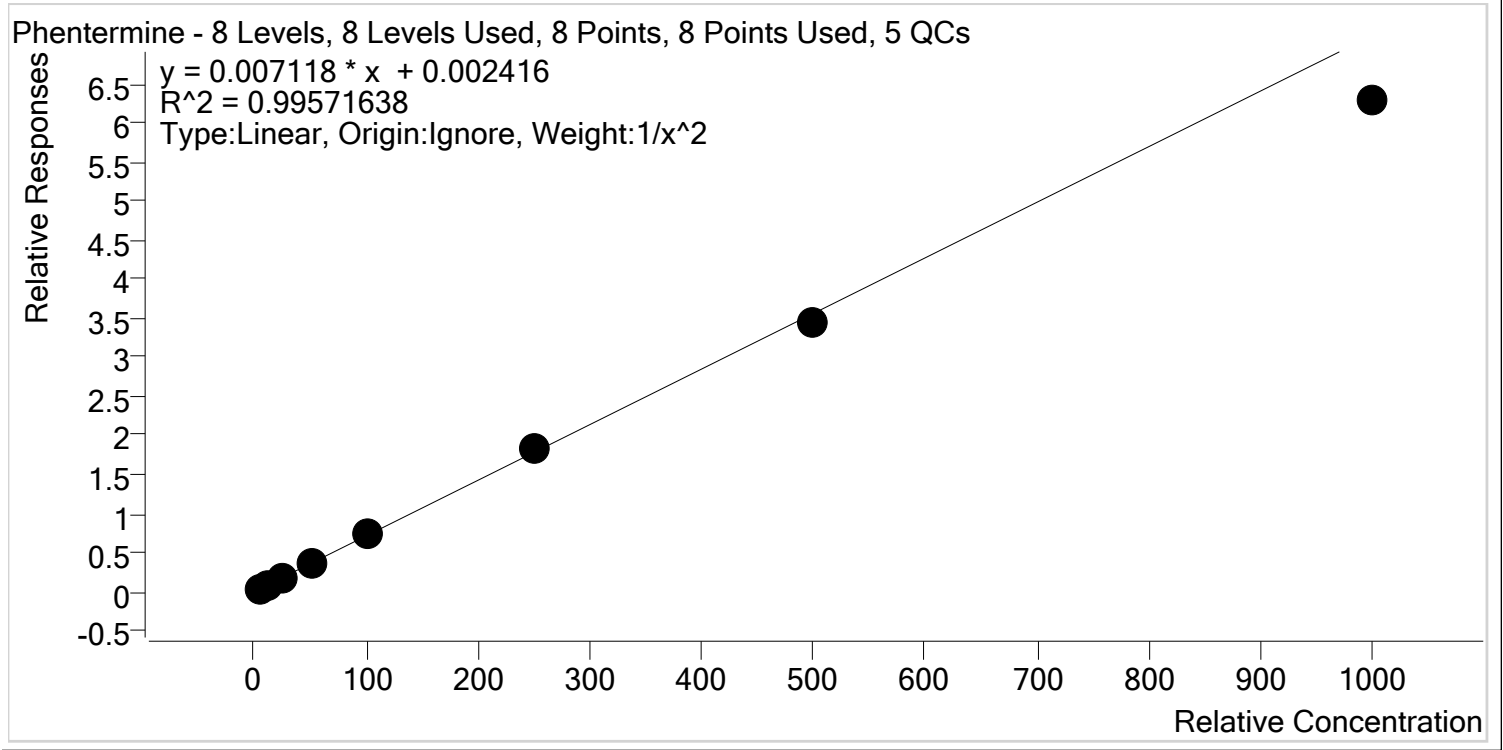


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	991.1	99.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

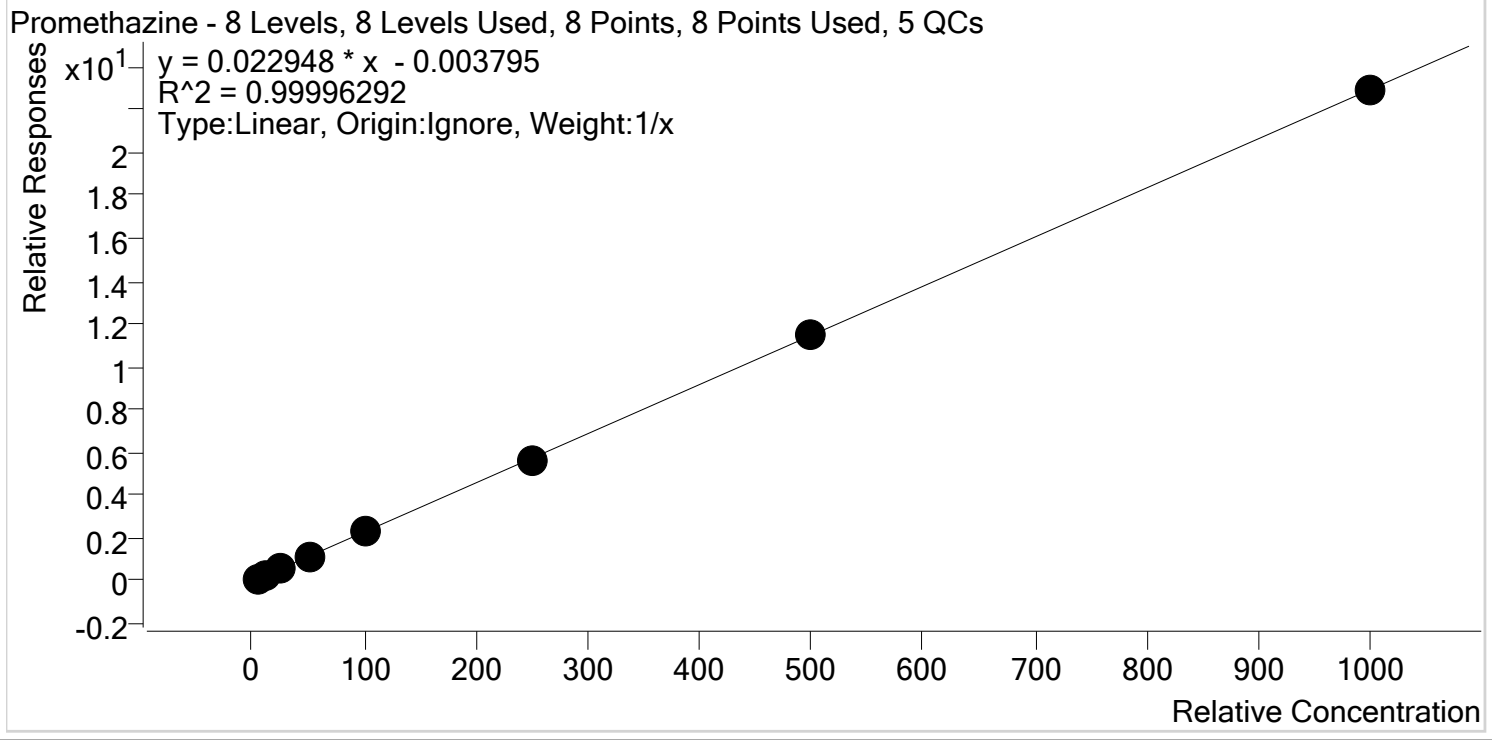


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	483.5	96.7
p1 Cal 8-1000ng	8	✓	1000.0	883.0	88.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

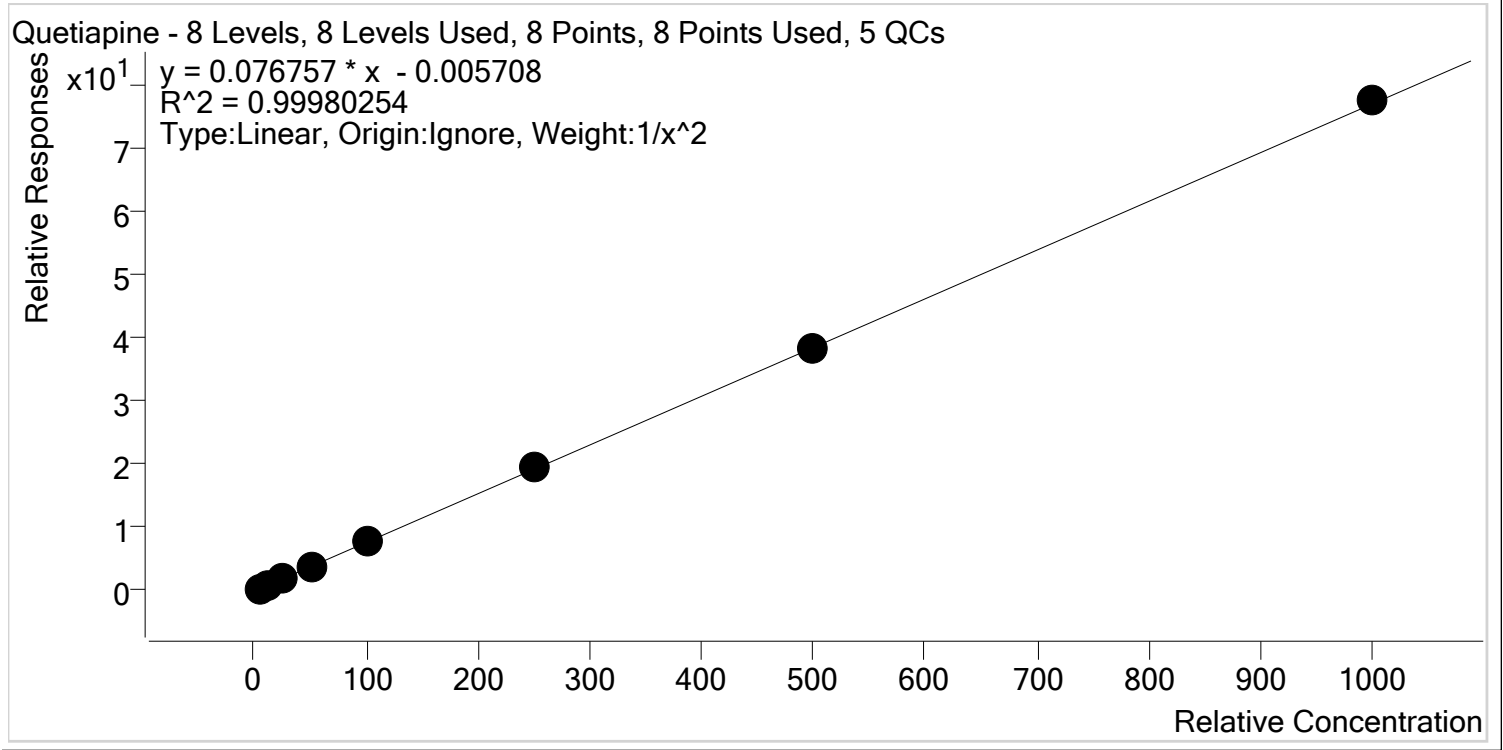


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	504.1	100.8
p1 Cal 8-1000ng	8	✓	1000.0	998.0	99.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

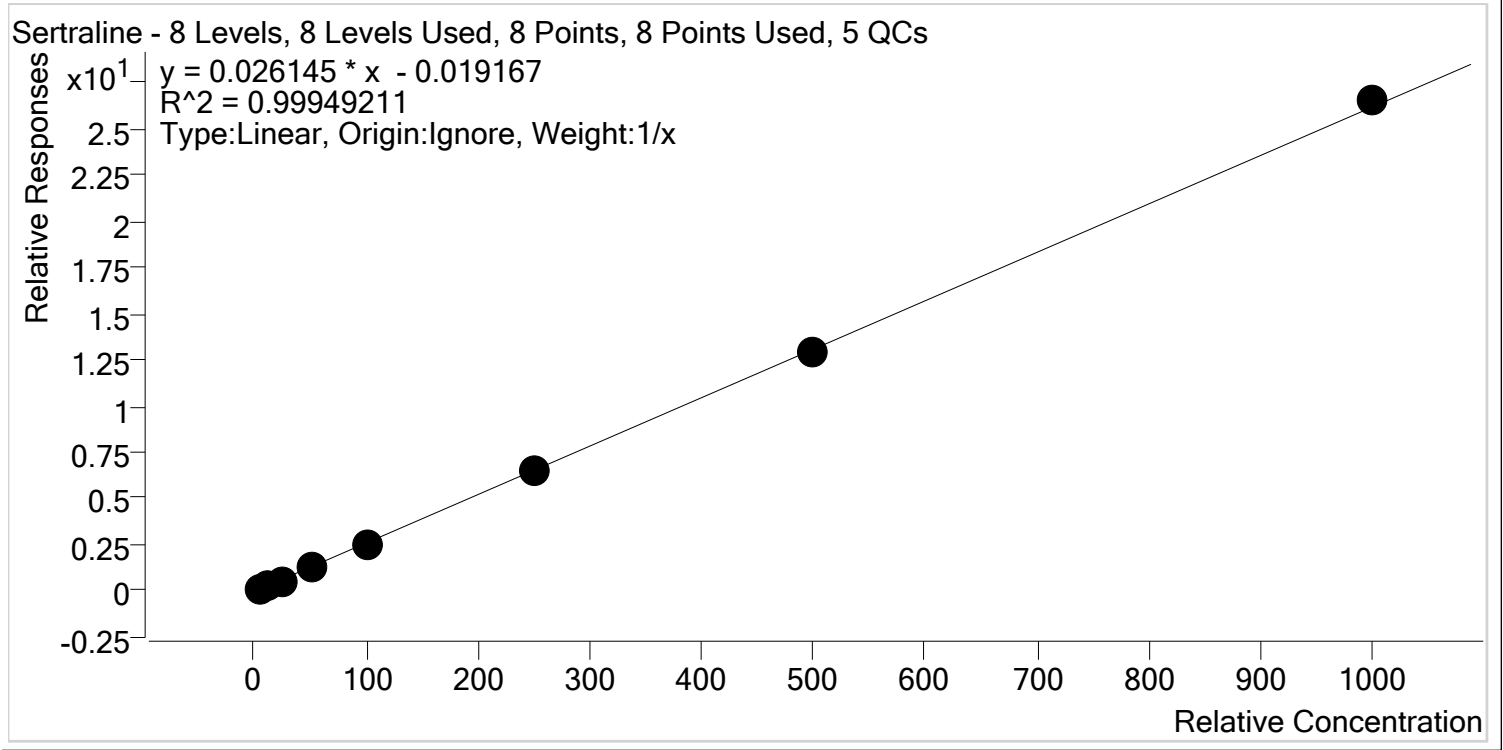


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1007.0	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

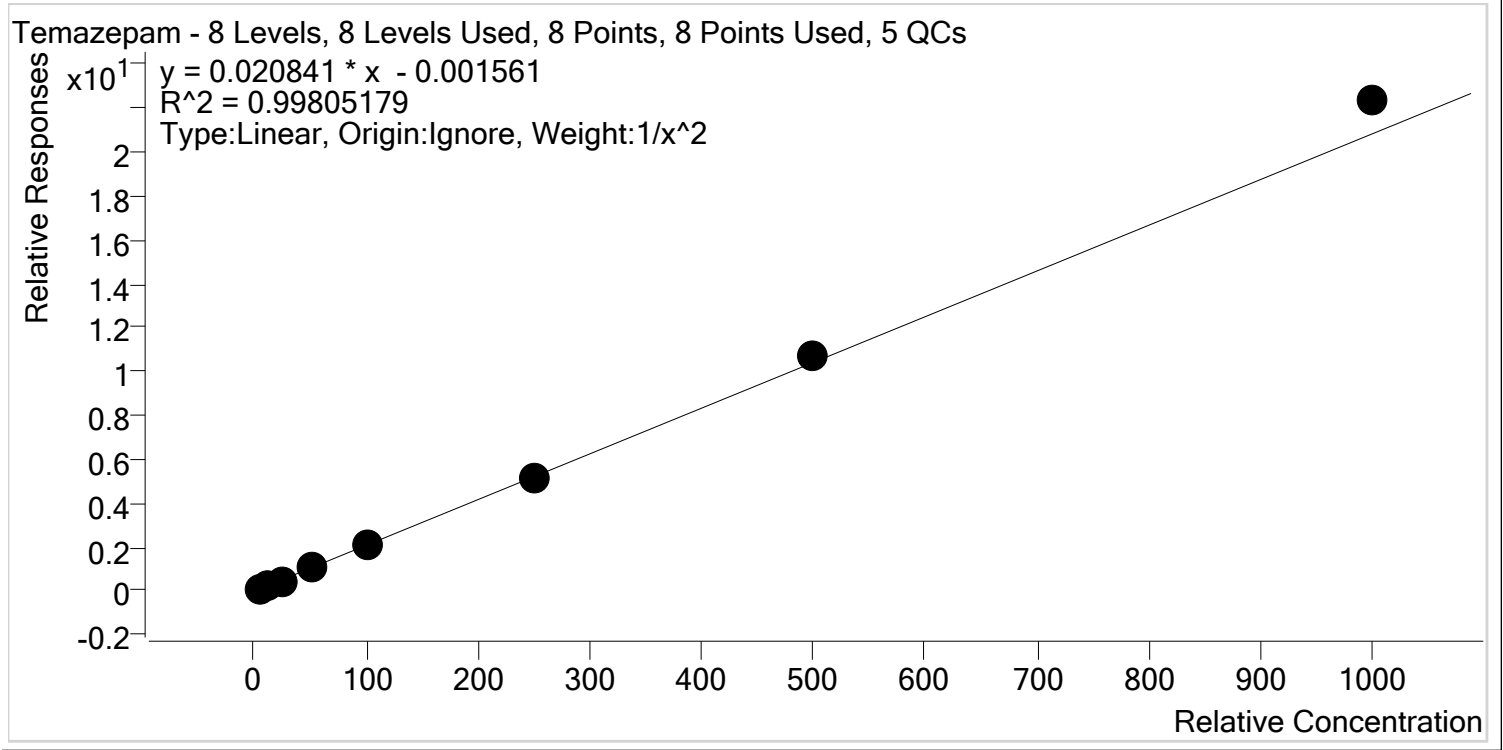


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.6	111.8
p1 Cal 2- 10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.6
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1013.4	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

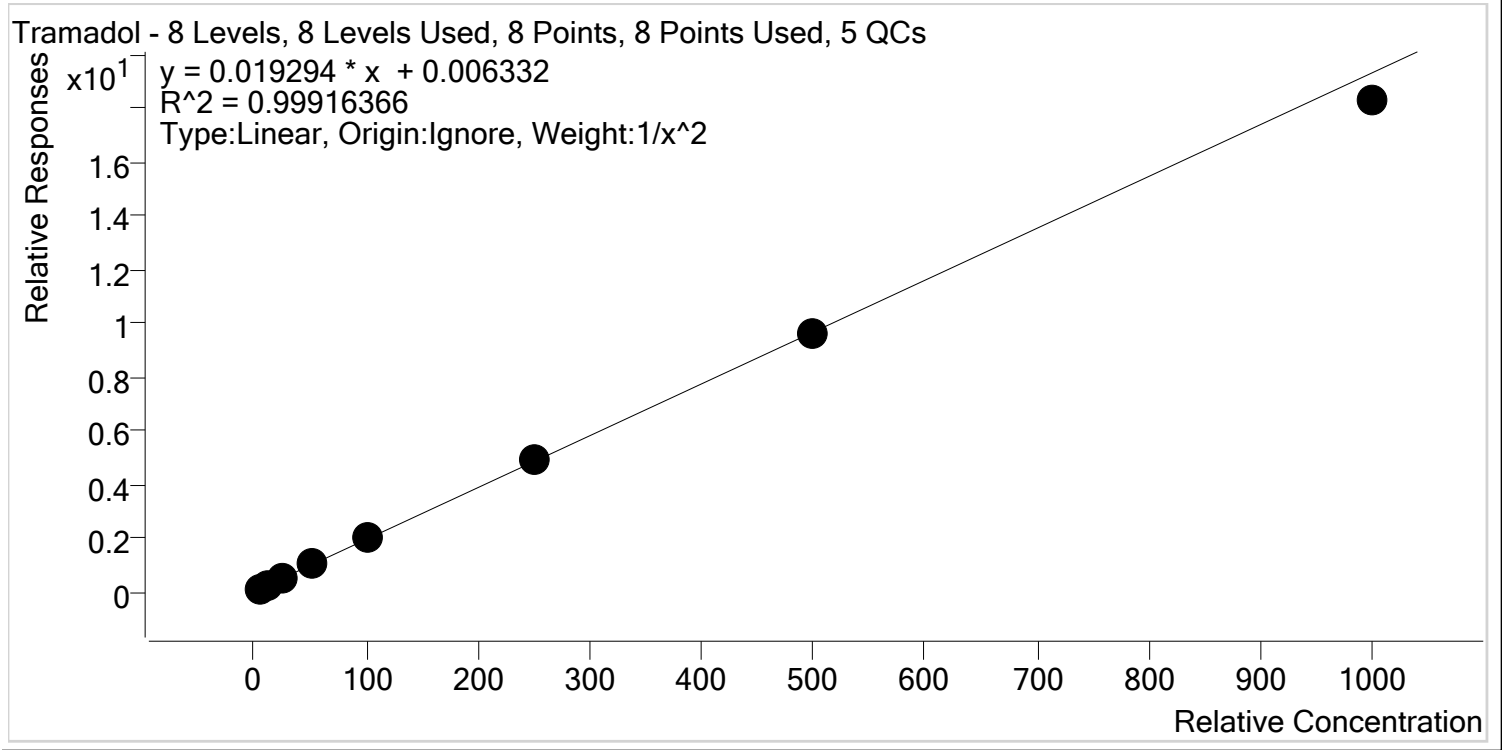


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	513.2	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1072.8	107.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

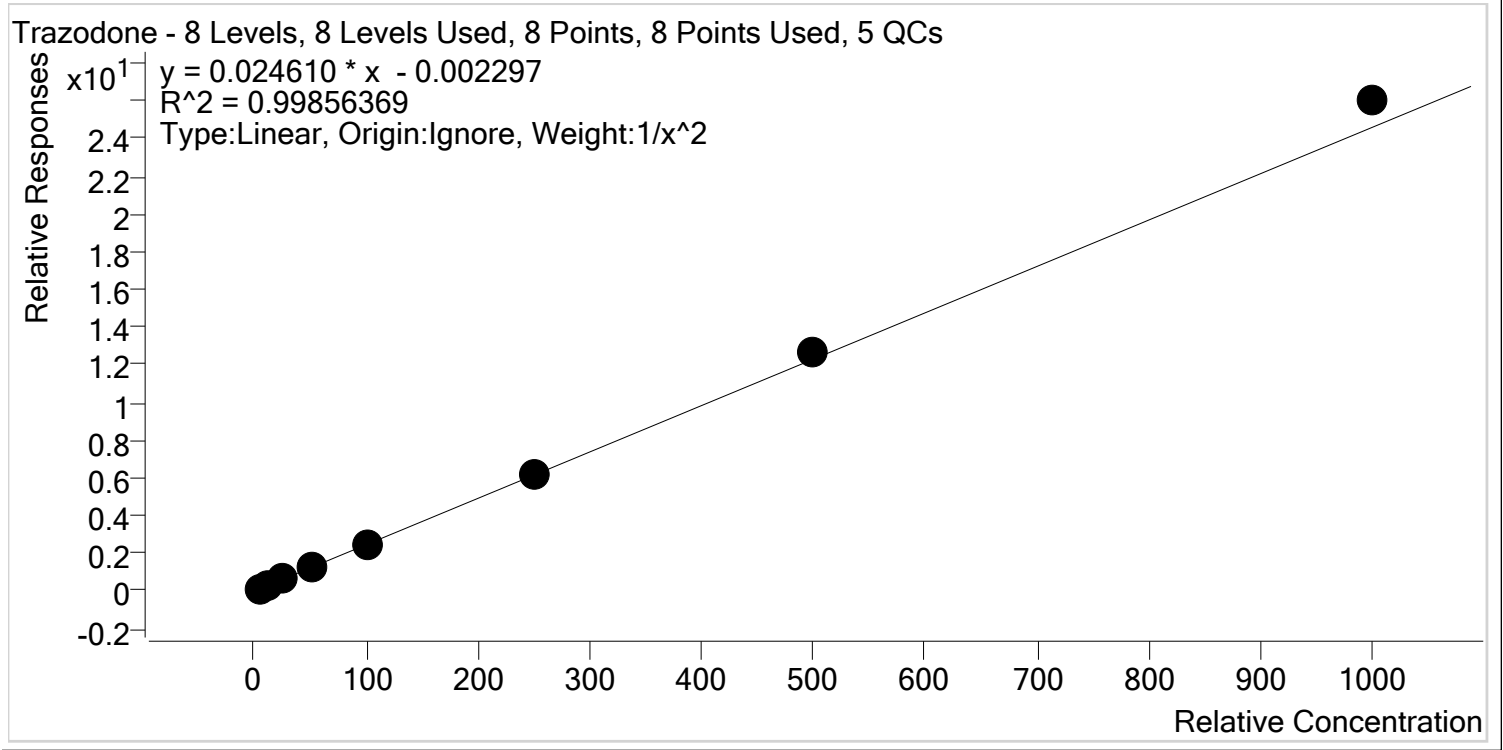


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	946.4	94.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

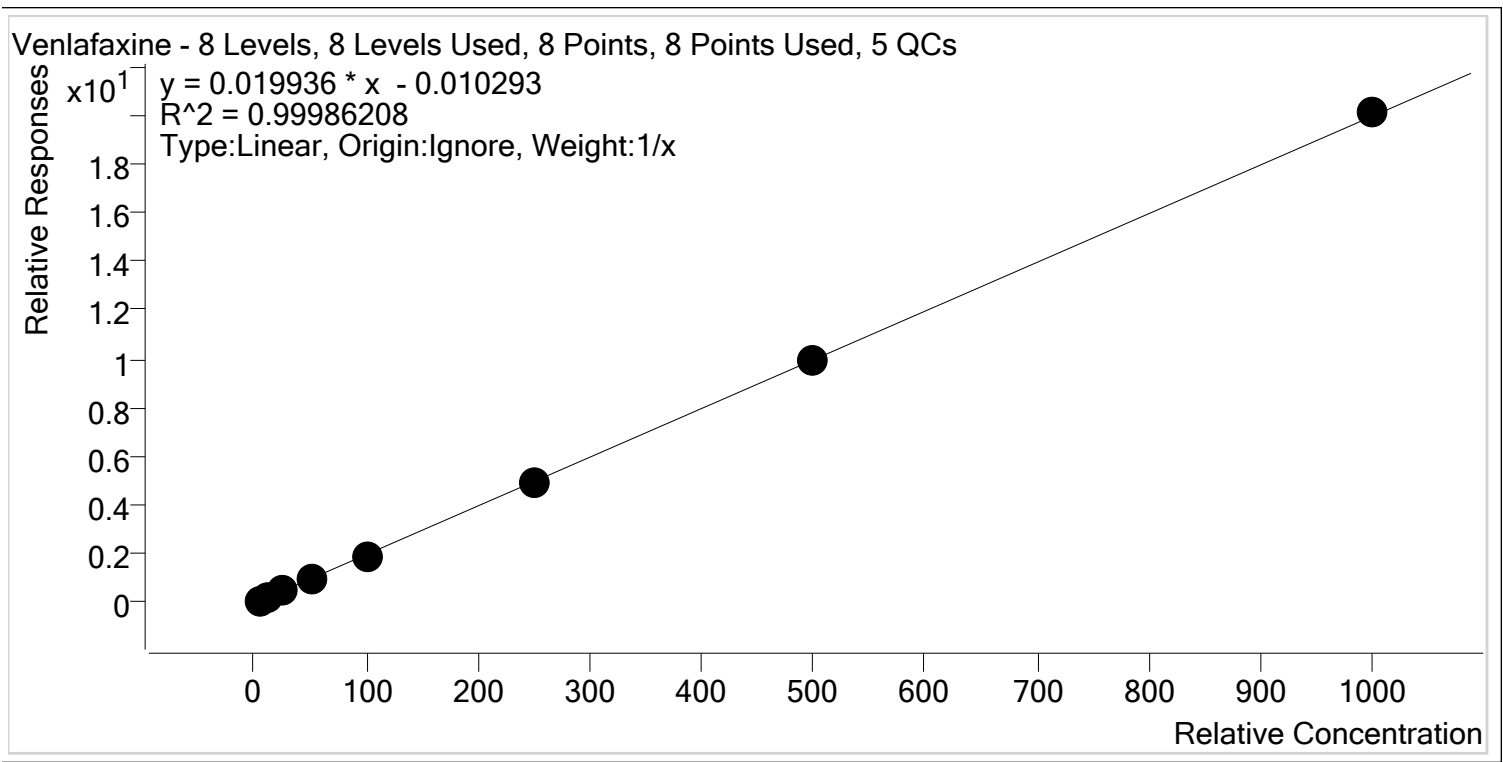


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	515.9	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1057.8	105.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

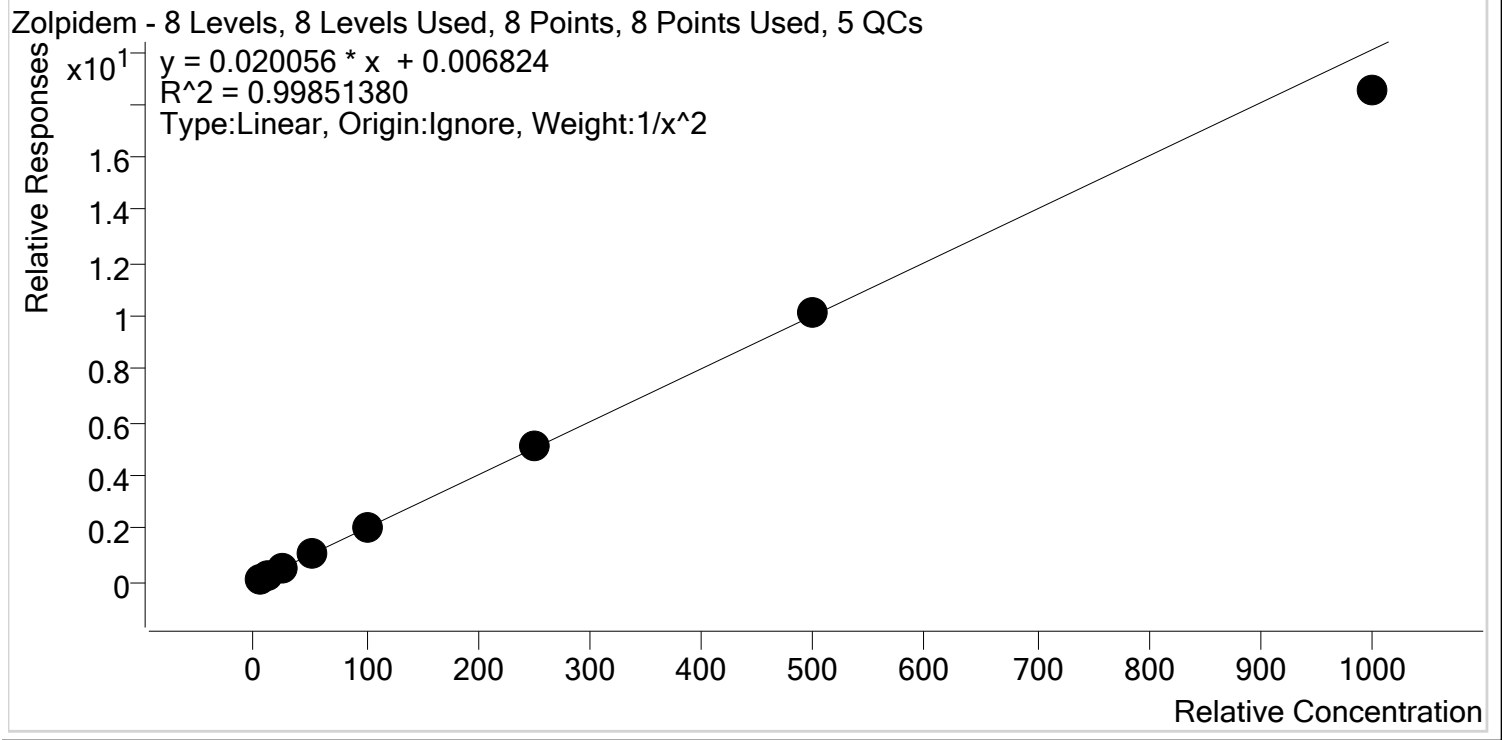


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1007.7	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Last Cal. Update 8/12/2020 9:10 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	923.0	92.3

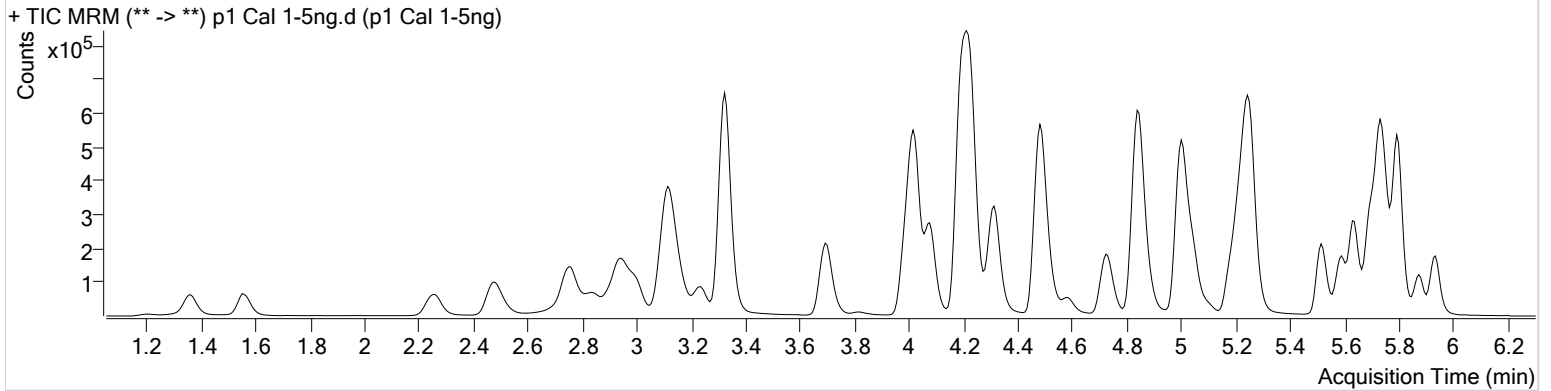
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-A5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 7:54:56 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	1865	80.36	72.5	7559.77	77096	0.5008 ng/ml
7-aminoclonazepam	4.223	35745	∞	82.4	∞	259840	4.9702 ng/ml
a-hydroxyalprazolam	5.674	17397	95.83	61.7	735.78	80361	4.9397 ng/ml
alpha-PHP	4.888	21049	526.43	272.0	4653.50	804618	4.8309 ng/ml
alpha-PVP	4.322	94746	1403.68	51.2	768.86	804618	5.3034 ng/ml
Alprazolam	5.758	55292	326.21	107.3	473.19	314908	5.4824 ng/ml
Amphetamine	2.997	160435	1356.02	51.2	1711.12	303612	4.7693 ng/ml
Benzoylcegonine	3.845	3316	236.29	7.6	12.21	21684	5.1554 ng/ml
Buprenorphine	5.796	1733	∞	14.7	15.20	150824	0.5123 ng/ml
Bupropion	4.746	74511	445.06	59.9	818.16	488538	4.9975 ng/ml
Carisoprodol	5.707	49975	1924.74	55.7	164.10	454185	4.9710 ng/ml
Citalopram	5.183	46989	364.09	40.6	543.55	399831	5.1701 ng/ml
Clonazepam	5.588	74812	1493.27	33.0	8185.46	166345	4.8823 ng/ml
Cocaine	4.229	100968	146379.66	43.6	4965.44	1424234	5.2352 ng/ml
Codeine	2.523	10089	783.89	105.0	167.67	91988	4.9795 ng/ml
Cyclobenzaprine	5.605	18293	18827.68	9.5	92.68	145265	5.0579 ng/ml
Dextromethorphan	5.226	22142	208.29	76.6	441.42	201953	5.3051 ng/ml
Dextrophan	4.077	25095	61173.03	214.8	644.51	626514	5.2511 ng/ml
Diazepam	5.936	38575	306.40	86.3	1804.22	361410	5.0420 ng/ml
Dihydrocodeine	2.508	26319	1746.41	65.3	3738.80	270978	4.8490 ng/ml
Diphenhydramine	5.253	105611	603.80	32.2	604.92	1420372	5.3760 ng/ml
Doxylamine	4.500	194362	9300.48	99.0	31219.47	1593634	5.0424 ng/ml
EDDP	5.225	66262	283.20	43.1	631.39	684117	5.0333 ng/ml
Fentanyl	5.053	2138	74.15	70.2	2345.47	186238	0.5045 ng/ml
Fluoxetine	5.697	18380	266.53	8.7	2618.84	145479	5.0283 ng/ml
Hydrocodone	2.973	34463	62.38	38.8	192.07	425065	4.7695 ng/ml
Hydromorphone	1.567	28506	∞	75.9	640.34	176738	5.0251 ng/ml
Ketamine	4.003	80618	251.32	38.9	225.32	666545	4.9665 ng/ml
Lamotrigine	4.239	5915	203.97	83.7	587.12	666545	4.9002 ng/ml
Lorazepam	5.729	65894	∞	51.7	76.82	166345	4.8916 ng/ml
MDA	3.150	106384	1391.57	20.7	52.70	455031	4.8753 ng/ml
MDMA	3.244	74963	124847.64	66.3	973.01	140030	5.0193 ng/ml
Meprobamate	4.869	22727	3687.26	26.9	55.97	236429	4.8526 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	58687	943.69	51.8	348.16	553580	5.2054 ng/ml
Methamphetamine	3.171	101784	363.29	41.8	178.70	852948	4.8170 ng/ml
Metoprolol	4.285	15567	26385.89	99.5	420.03	1791631	4.9219 ng/ml
Mirtazapine	4.582	81682	1297.91	48.7	1740.92	804618	5.0205 ng/ml
Mitragynine	5.188	11612	185.09	37.8	919.86	553580	4.8679 ng/ml
Morphine	1.213	4582	118.43	23.3	68.79	9805	4.9451 ng/ml
Norbuprenorphine	4.964	236	5.75 Low	102.8	282.15	17421	0.4194 ng/ml
Nordiazepam	5.882	35779	376.38	57.8	1648.10	228122	5.0139 ng/ml
Norfentanyl	4.044	14027	370.72	38.6	50.67	1306613	0.5091 ng/ml
Norhydrocodone	3.027	3712	41.88	44.1	72.02	76226	5.2310 ng/ml
Noroxycodone	2.858	31441	433.30	48.7	18.23	212287	5.0138 ng/ml
O-desmethyl-tramadol	3.330	180477	769.99	6.1	200.00	1861625	5.0572 ng/ml
Oxazepam	5.732	69953	846.65	72.8	143.36	817168	4.8998 ng/ml
Oxycodone	2.782	71871	631.64	31.0	497.51	589833	4.9977 ng/ml
Oxymorphone	1.363	29039	652.57	47.6	621.75	195844	5.0132 ng/ml
Phentermine	3.729	26070	273.00	3.6	29.14	695967	4.9227 ng/ml
Promethazine	5.515	39482	580.13	32.3	175.49	355305	5.0076 ng/ml
Quetiapine	5.525	42269	1509.51	58.9	1649.24	111140	5.0292 ng/ml
Sertraline	5.765	9378	217.10	93.5	4175.00	73871	5.5885 ng/ml
Temazepam	5.799	116516	699.79	29.8	253.26	1111589	5.1044 ng/ml
Tramadol	4.204	183734	3180.67	3.5	∞	1791631	4.9870 ng/ml
Trazodone	5.100	39763	59175.34	77.3	77446.33	322494	5.1035 ng/ml
Venlafaxine	5.001	133924	672.39	35.9	138.99	1375864	5.3989 ng/ml
Zolpidem	4.858	166348	∞	30.8	∞	1570169	4.9422 ng/ml

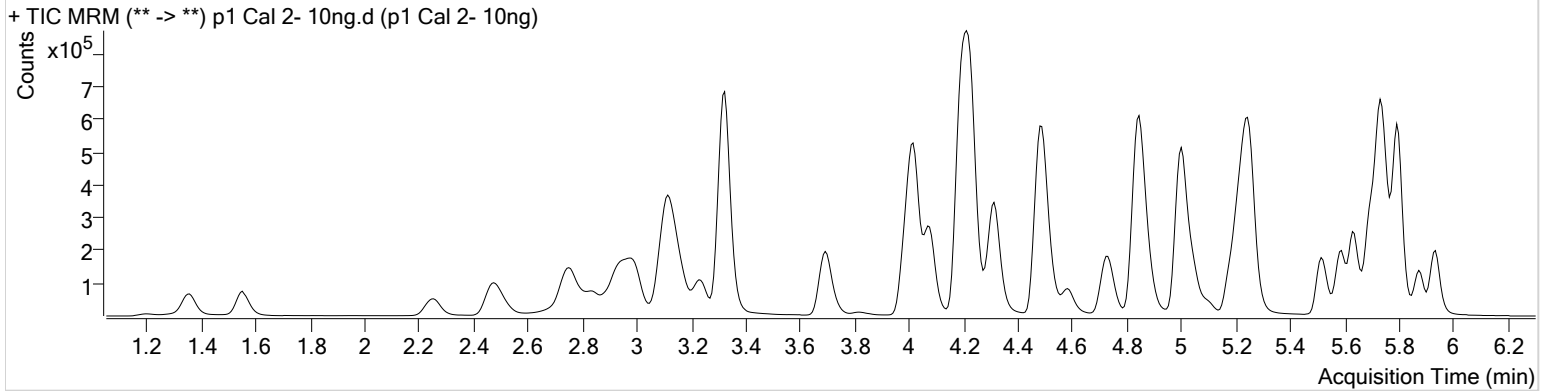
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 2- 10ng.d
Type	Cal	Sample	p1 Cal 2- 10ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-B5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 8:05:40 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	3507	8001.70	71.6	4987.25	73106	1.0084 ng/ml
7-aminoclonazepam	4.223	58204	313.00	86.2	1582.75	218650	9.9455 ng/ml
a-hydroxyalprazolam	5.674	32403	∞	61.9	332.82	76253	10.0516 ng/ml
alpha-PHP	4.888	37616	815.42	269.4	1946.02	740791	10.2129 ng/ml
alpha-PVP	4.322	175041	682.30	50.9	211.90	740791	10.2342 ng/ml
Alprazolam	5.758	106579	831.83	107.1	976.15	312441	9.9611 ng/ml
Amphetamine	2.990	280367	2411.02	49.8	1866.16	270646	10.4319 ng/ml
Benzoylcegonine	3.838	5731	369.18	7.9	36.61	20659	9.8193 ng/ml
Buprenorphine	5.796	2824	43.38	17.0	61.29	123138	0.9785 ng/ml
Bupropion	4.739	128972	553.07	60.5	639.14	424399	9.9918 ng/ml
Carisoprodol	5.707	95047	338879.48	54.5	232.55	443723	10.0033 ng/ml
Citalopram	5.183	75480	2178.89	41.4	734.34	339158	9.8104 ng/ml
Clonazepam	5.588	146590	672.38	31.5	242.53	162611	10.2205 ng/ml
Cocaine	4.223	182860	39061.34	44.2	5050.26	1309070	10.0505 ng/ml
Codeine	2.523	19231	350.42	104.2	308.04	88339	10.0036 ng/ml
Cyclobenzaprine	5.598	24569	102407.86	9.8	136.95	99621	9.8252 ng/ml
Dextromethorphan	5.226	34211	1803.91	79.4	21408.48	162333	9.9486 ng/ml
Dextrorphan	4.077	43703	854.91	217.4	713.28	573290	9.8006 ng/ml
Diazepam	5.936	73369	701.43	88.4	1406.61	354021	9.8287 ng/ml
Dihydrocodeine	2.502	49189	1820.00	65.1	424.45	260065	10.1018 ng/ml
Diphenhydramine	5.253	167383	254.04	33.5	309.22	1156618	10.0467 ng/ml
Doxylamine	4.500	346439	49348.51	99.1	3913878.68	1451442	9.9263 ng/ml
EDDP	5.218	124365	5461.92	42.8	4619.45	657742	9.9316 ng/ml
Fentanyl	5.053	3029	∞	62.8	90.01	134417	1.0115 ng/ml
Fluoxetine	5.697	21143	328.88	10.1	1244.19	87746	9.7105 ng/ml
Hydrocodone	2.973	64225	227.97	37.9	106.12	385508	10.3525 ng/ml
Hydromorphone	1.561	52134	539.63	77.4	225.69	168896	9.8082 ng/ml
Ketamine	4.003	145406	30780.51	39.7	911.96	622286	9.9739 ng/ml
Lamotrigine	4.239	10951	731.89	80.7	∞	622286	10.1238 ng/ml
Lorazepam	5.729	125160	∞	53.2	269.60	162611	10.2919 ng/ml
MDA	3.143	187587	3164.43	21.1	137.07	409630	10.1663 ng/ml
MDMA	3.244	134297	∞	64.9	1646.01	127015	9.9130 ng/ml
Meprobamate	4.869	44240	616.72	26.5	779.88	228980	10.2680 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	93278	653.09	52.9	552.53	436122	10.1936 ng/ml
Methamphetamine	3.171	174955	374.87	41.4	609.01	770502	10.2999 ng/ml
Metoprolol	4.285	28454	167879.50	94.7	∞	1685745	10.1037 ng/ml
Mirtazapine	4.582	136417	3251.88	49.8	22784.44	740791	9.9451 ng/ml
Mitragynine	5.188	17339	4135.86	40.0	18029.55	436122	10.1170 ng/ml
Morphine	1.206	8350	638.53	22.3	259.36	9066	10.0575 ng/ml
Norbuprenorphine	4.957	505	∞	65.3 Low	∞	13863	1.4856 ng/ml
Nordiazepam	5.882	68399	1725.07	58.1	643.13	223441	9.8816 ng/ml
Norfentanyl	4.044	26745	577.66	36.8	82.29	1185682	1.0048 ng/ml
Norhydrocodone	3.014	6742	93.72	41.4	83.80	70037	9.7116 ng/ml
Noroxycodone	2.852	59501	524.06	47.2	433.41	201940	9.9851 ng/ml
O-desmethyl-tramadol	3.323	344034	5633.88	6.0	736.76	1799681	9.8940 ng/ml
Oxazepam	5.732	138263	∞	71.0	∞	805191	10.1896 ng/ml
Oxycodone	2.776	132648	2274.64	30.2	∞	559074	9.9501 ng/ml
Oxymorphone	1.356	53954	279.94	47.4	314.63	190310	9.9554 ng/ml
Phentermine	3.729	46372	∞	3.2	74.17	628696	10.0223 ng/ml
Promethazine	5.515	54119	611.23	33.1	699.22	239917	9.9951 ng/ml
Quetiapine	5.525	67473	148.55	59.3	∞	88875	9.9653 ng/ml
Sertraline	5.765	10760	187.45	86.1	∞	41761	10.5879 ng/ml
Temazepam	5.799	224425	8555.64	29.7	272.12	1103846	9.8302 ng/ml
Tramadol	4.205	334712	70923.31	3.3	141.68	1685745	9.9627 ng/ml
Trazodone	5.100	56033	118496.07	79.3	∞	235324	9.7688 ng/ml
Venlafaxine	5.001	233498	2386.65	37.3	419.55	1228488	10.0504 ng/ml
Zolpidem	4.858	303747	26089.29	31.2	3006.32	1453121	10.0823 ng/ml

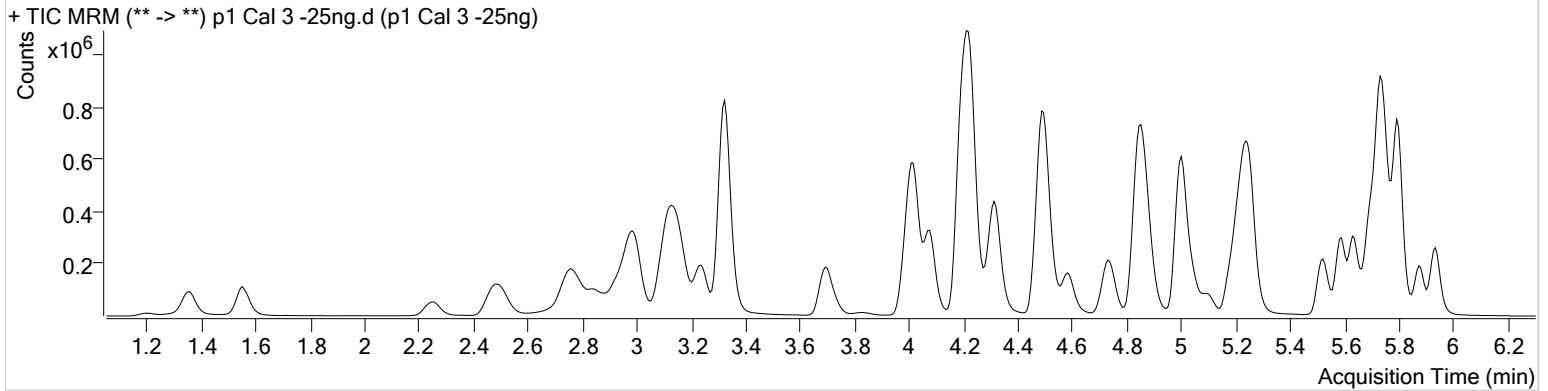
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-C5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 8:16:16 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	8065	∞	70.4	20145.06	71896	2.3786 ng/ml
7-aminoclonazepam	4.223	132390	3770.98	82.2	2346.86	199310	25.3411 ng/ml
a-hydroxyalprazolam	5.674	77308	547.30	63.6	447.98	73264	25.5080 ng/ml
alpha-PHP	4.888	84003	2202.43	263.8	18439.56	673488	26.3804 ng/ml
alpha-PVP	4.322	390136	759.03	50.6	3042.26	673488	24.5017 ng/ml
Alprazolam	5.758	252404	819.15	108.2	989.07	295817	23.8173 ng/ml
Amphetamine	2.997	623829	4395.41	50.1	3670.14	247544	26.9920 ng/ml
Benzoylcegonine	3.845	12582	221.13	7.8	55.51	19889	23.1279 ng/ml
Buprenorphine	5.796	5896	58.99	19.1	64.81	103817	2.3575 ng/ml
Bupropion	4.739	254114	11137.12	59.9	844.06	336368	24.8903 ng/ml
Carisoprodol	5.707	225027	397947.59	54.4	1040.94	425380	25.2110 ng/ml
Citalopram	5.183	162244	1698.21	42.4	1578.96	291809	24.5422 ng/ml
Clonazepam	5.588	344885	1662.26	32.2	2264.63	153862	26.0560 ng/ml
Cocaine	4.223	436797	29633.06	43.7	14936.39	1234180	25.0458 ng/ml
Codeine	2.523	45143	825.90	105.8	980.68	82989	25.1783 ng/ml
Cyclobenzaprine	5.598	47166	52746.09	9.4	88.91	75320	24.8177 ng/ml
Dextromethorphan	5.226	70888	394.45	79.2	5191.41	135504	24.2959 ng/ml
Dextrophan	4.077	105692	1347.94	210.6	4902.37	531988	25.1988 ng/ml
Diazepam	5.936	171115	614.81	88.5	1457.14	325907	24.9637 ng/ml
Dihydrocodeine	2.502	120432	10659.41	63.8	759.30	249010	26.9140 ng/ml
Diphenhydramine	5.253	350598	6126.69	33.0	2930.91	979003	24.2123 ng/ml
Doxylamine	4.500	787542	98287.35	98.6	46046.07	1344612	24.4459 ng/ml
EDDP	5.218	284525	814.36	43.0	44164.88	607613	24.7607 ng/ml
Fentanyl	5.053	5509	307.23	69.4	161.43	105479	2.3735 ng/ml
Fluoxetine	5.690	39204	223.08	8.7	∞	64275	24.7843 ng/ml
Hydrocodone	2.973	154081	253.96	37.6	186.59	360890	27.3487 ng/ml
Hydromorphone	1.561	131006	149.97	74.9	∞	164397	25.6525 ng/ml
Ketamine	4.003	343812	8614.14	39.4	658.22	586616	25.6310 ng/ml
Lamotrigine	4.239	26289	∞	82.7	500.04	586616	26.4203 ng/ml
Lorazepam	5.729	287519	∞	55.1	2836.23	153862	26.1789 ng/ml
MDA	3.143	420756	6103.10	21.2	365.07	370372	26.1725 ng/ml
MDMA	3.237	309054	6508.05	63.6	12888.05	116681	24.8319 ng/ml
Meprobamate	4.869	106180	444.56	26.7	493.98	222717	26.0851 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	194766	1871.35	53.1	791.58	375483	24.2899 ng/ml
Methamphetamine	3.171	391060	545.58	41.2	1164.07	711790	26.7046 ng/ml
Metoprolol	4.285	66056	1713.02	98.0	∞	1602169	25.5097 ng/ml
Mirtazapine	4.582	290628	2265.14	49.9	∞	673488	24.6875 ng/ml
Mitragynine	5.188	36925	2673.18	39.0	18456.65	375483	26.4901 ng/ml
Morphine	1.206	20113	447.71	23.1	879.93	8704	25.7135 ng/ml
Norbuprenorphine	4.950	725	71.53	88.4	102.63	12088	2.5811 ng/ml
Nordiazepam	5.882	161239	6705.13	58.4	1869.31	209587	24.9863 ng/ml
Norfentanyl	4.044	60388	836.68	37.3	352.24	1108784	2.3425 ng/ml
Norhydrocodone	3.014	15049	123.39	40.3	183.73	66278	22.0311 ng/ml
Noroxycodone	2.858	140991	946.80	48.3	2046.96	193042	24.7666 ng/ml
O-desmethyl-tramadol	3.323	822681	14167.47	6.0	835.03	1738919	24.3676 ng/ml
Oxazepam	5.732	320287	∞	71.3	2823.48	758011	25.5981 ng/ml
Oxycodone	2.776	316223	2359.80	30.7	1886.87	536507	25.0606 ng/ml
Oxymorphone	1.356	129630	1409.64	46.4	∞	186422	25.0072 ng/ml
Phentermine	3.729	107679	1323.10	3.3	145.47	579480	25.7645 ng/ml
Promethazine	5.515	106828	6720.50	30.2	2275.84	188612	24.8469 ng/ml
Quetiapine	5.525	149944	59958.72	58.8	88944.29	80337	24.3905 ng/ml
Sertraline	5.765	18284	898.13	97.8	118726.21	31190	23.1539 ng/ml
Temazepam	5.799	538738	1696.62	30.1	1691.73	1083293	23.9371 ng/ml
Tramadol	4.204	789155	1817.39	3.4	131.01	1602169	25.2004 ng/ml
Trazodone	5.100	125231	282006.86	76.9	87844.99	209837	24.3441 ng/ml
Venlafaxine	5.001	535165	6966.82	36.8	711.23	1124533	24.3880 ng/ml
Zolpidem	4.858	717197	∞	30.8	4225.67	1385827	25.4640 ng/ml

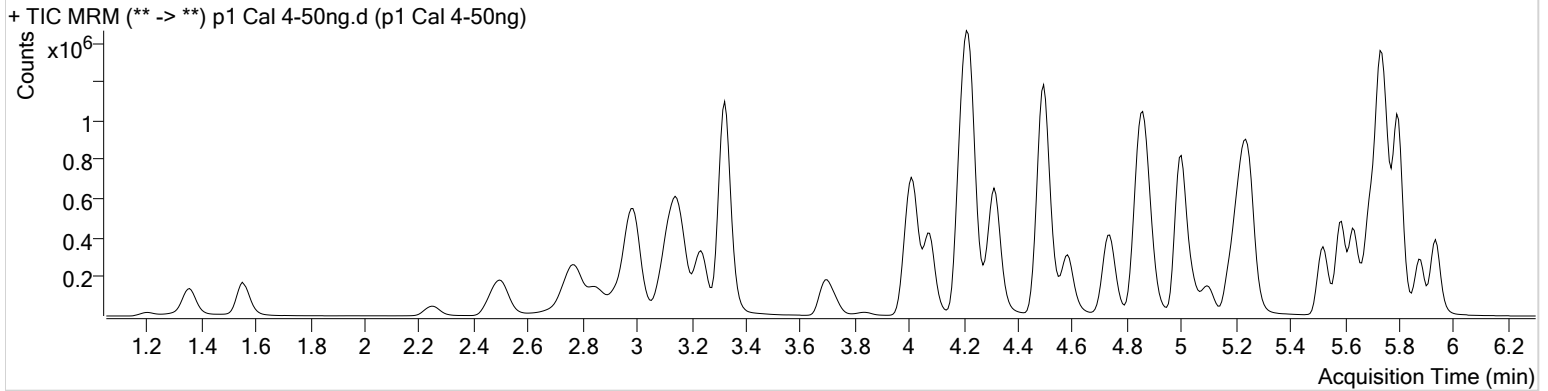
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-D5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 8:26:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	16601	2093.33	75.2	4936.30	68445	5.1613 ng/ml
7-aminoclonazepam	4.223	199355	3703.42	81.9	7387.81	145241	52.7381 ng/ml
a-hydroxyalprazolam	5.674	152794	857.93	62.0	958.29	71173	52.2777 ng/ml
alpha-PHP	4.888	172878	3670.13	265.1	27144.54	676555	54.9762 ng/ml
alpha-PVP	4.322	796509	1587.15	50.8	699.61	676555	49.3781 ng/ml
Alprazolam	5.751	504678	1074.63	105.8	3063.60	283801	48.8452 ng/ml
Amphetamine	2.990	1133066	15412.44	50.1	5603.61	227608	54.4191 ng/ml
Benzoylcegonine	3.838	25586	5279.28	8.1	108.27	20180	46.9312 ng/ml
Buprenorphine	5.796	12314	143.68	17.1	110.88	102404	4.9423 ng/ml
Bupropion	4.739	634437	18633.52	61.0	9015.71	410905	50.9063 ng/ml
Carisoprodol	5.700	445419	550642.42	54.4	3667.23	411637	51.9289 ng/ml
Citalopram	5.183	320154	587.75	43.1	3035.09	281502	50.2251 ng/ml
Clonazepam	5.588	682210	16801.50	32.9	436.42	154415	51.7758 ng/ml
Cocaine	4.223	840682	254911.10	44.5	968634.31	1202218	49.2196 ng/ml
Codeine	2.523	90206	6307.05	105.2	3338.13	82764	50.5708 ng/ml
Cyclobenzaprine	5.598	95503	∞	9.2	∞	76659	49.2919 ng/ml
Dextromethorphan	5.226	145826	3791.36	79.2	2002.78	134541	50.0482 ng/ml
Dextrophan	4.077	197790	864.70	212.8	26008.06	506251	49.3477 ng/ml
Diazepam	5.936	347908	639.26	87.1	1408.49	330513	50.0896 ng/ml
Dihydrocodeine	2.502	238419	991.37	64.3	9533.89	248611	54.0508 ng/ml
Diphenhydramine	5.253	705545	356.11	32.8	279.20	952781	49.5957 ng/ml
Doxylamine	4.494	1498300	67809.20	99.8	34840.40	1259738	49.7043 ng/ml
EDDP	5.218	565794	622.94	43.1	28573.72	606510	49.4382 ng/ml
Fentanyl	5.053	11196	∞	70.2	6739.74	106830	4.7847 ng/ml
Fluoxetine	5.697	79119	6150.95	8.9	977.43	63173	51.0312 ng/ml
Hydrocodone	2.966	301190	471.39	37.5	350.01	357411	54.4900 ng/ml
Hydromorphone	1.561	246246	3875.31	78.9	∞	160160	49.6881 ng/ml
Ketamine	4.003	670618	1235.53	40.0	637.26	575508	51.3611 ng/ml
Lamotrigine	4.239	50636	584.17	80.6	2160.33	575508	52.2684 ng/ml
Lorazepam	5.729	547107	2536.62	54.9	2342.58	154415	50.3840 ng/ml
MDA	3.143	771946	6786.84	21.0	687.22	340443	52.8799 ng/ml
MDMA	3.237	588497	14330.42	64.5	5721.62	108018	51.0761 ng/ml
Meprobamate	4.869	208075	612.17	27.2	∞	215332	53.3943 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	406392	2328.02	51.6	19274.37	374637	50.4664 ng/ml
Methamphetamine	3.171	728312	2201.92	41.9	2080.80	677946	53.4176 ng/ml
Metoprolol	4.285	129434	∞	95.5	∞	1540627	52.5794 ng/ml
Mirtazapine	4.582	579990	5265.92	49.0	375844.75	676555	50.0597 ng/ml
Mitragynine	5.188	73745	99236.76	38.4	2229.58	374637	54.0202 ng/ml
Morphine	1.206	39139	2979.91	22.9	258.71	8648	50.6660 ng/ml
Norbuprenorphine	4.944	1233	200.17	103.1	110.15	12407	4.4158 ng/ml
Nordiazepam	5.882	323662	2121.71	58.6	1345.52	204623	51.4789 ng/ml
Norfentanyl	4.044	114163	1851.36	37.7	1205.24	1029339	4.7091 ng/ml
Norhydrocodone	3.021	27701	174.12	41.7	∞	57317	46.1668 ng/ml
Noroxycodone	2.858	276578	1113.11	47.9	751.48	187499	50.0312 ng/ml
O-desmethyl-tramadol	3.323	1660202	29276.04	6.1	1288.19	1719894	49.6351 ng/ml
Oxazepam	5.732	618547	∞	72.1	∞	722105	52.2627 ng/ml
Oxycodone	2.776	632113	4807.10	31.3	1652.07	532347	50.7206 ng/ml
Oxymorphone	1.356	254011	1291.83	46.8	764.38	184332	49.9554 ng/ml
Phentermine	3.729	207365	∞	3.3	378.08	544142	53.1953 ng/ml
Promethazine	5.515	223910	516.02	31.2	3173.10	194397	50.3579 ng/ml
Quetiapine	5.525	301595	∞	59.1	25739.60	78735	49.9785 ng/ml
Sertraline	5.765	38672	373.29	94.5	385.89	31937	47.0466 ng/ml
Temazepam	5.799	1067823	1864.21	30.2	4151.40	1058353	48.4862 ng/ml
Tramadol	4.204	1528167	2247.45	3.4	905.77	1540627	51.0817 ng/ml
Trazodone	5.100	248994	12796.88	79.3	1969.47	209703	48.3412 ng/ml
Venlafaxine	5.001	1048636	2028.39	36.8	2731.41	1099345	48.3637 ng/ml
Zolpidem	4.858	1422484	100578.16	31.1	38704.41	1364273	51.6483 ng/ml

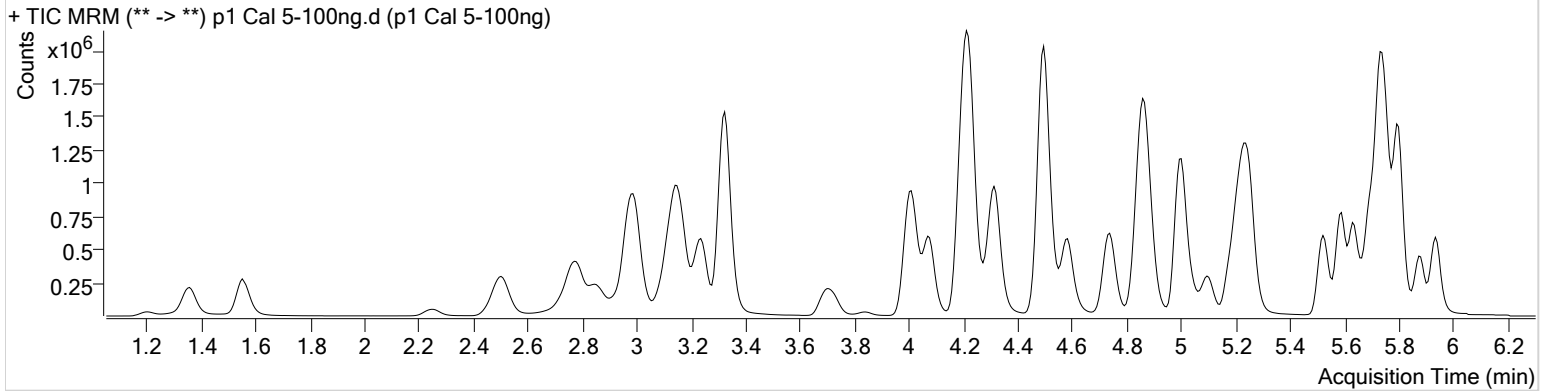
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument Falco **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method MDQ P1 060520.m **Operator** Celena Shrum
Sample Position P5-E5 **Comment**
Injection Volume 2
Acq. Date-Time 8/7/2020 8:37:28 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	30963	1130.96	69.2	1101.46	65367	10.0944 ng/ml
7-aminoclonazepam	4.223	392274	4877.85	83.6	865.97	149389	101.2124 ng/ml
a-hydroxyalprazolam	5.674	271883	1179.34	62.2	769.11	65066	102.1052 ng/ml
alpha-PHP	4.888	306720	5125.46	266.8	4940.46	621496	107.0074 ng/ml
alpha-PVP	4.322	1443405	1322.92	50.7	17508.53	621496	97.0142 ng/ml
Alprazolam	5.751	904242	5039.67	104.3	4976.45	249869	98.6442 ng/ml
Amphetamine	2.990	1989260	35006.47	50.2	25700.37	210238	104.4492 ng/ml
Benzoylecgonine	3.838	50535	982.50	7.1	229.47	19490	96.5747 ng/ml
Buprenorphine	5.796	21469	1940.71	18.2	317.85	91132	9.6404 ng/ml
Bupropion	4.739	1083609	64820.42	60.4	1239.66	356571	100.2295 ng/ml
Carisoprodol	5.700	772496	3534.15	54.2	350.58	367835	101.1096 ng/ml
Citalopram	5.183	587018	1033.52	42.5	1534.41	258325	100.3745 ng/ml
Clonazepam	5.588	1199715	10929.75	32.8	1756.58	138497	101.9313 ng/ml
Cocaine	4.223	1529332	76926.35	44.6	55991.44	1100389	97.5544 ng/ml
Codeine	2.523	168705	950.69	104.2	819.94	76223	102.8201 ng/ml
Cyclobenzaprine	5.598	200130	11667.15	9.9	720.22	79160	99.9422 ng/ml
Dextromethorphan	5.226	268786	12700.53	79.5	1000.87	125065	98.9732 ng/ml
Dextrophan	4.077	363780	2762538.86	211.5	21380.71	468700	97.8225 ng/ml
Diazepam	5.936	620563	486.99	87.0	1134.52	293935	100.5048 ng/ml
Dihydrocodeine	2.502	439621	11296.74	64.3	1056.79	236696	105.3328 ng/ml
Diphenhydramine	5.253	1328669	886.58	32.3	439.83	906859	97.6965 ng/ml
Doxylamine	4.494	2896550	290992.03	100.3	75883.69	1224620	98.9049 ng/ml
EDDP	5.218	1050764	20617.00	43.7	49053.48	562060	99.1869 ng/ml
Fentanyl	5.053	23790	190.44	66.0	153.57	110711	9.8331 ng/ml
Fluoxetine	5.690	175366	538.37	8.8	3141.86	70698	101.2005 ng/ml
Hydrocodone	2.966	533788	∞	39.6	123.82	332059	104.4187 ng/ml
Hydromorphone	1.561	458551	1194.07	76.9	1259.04	147716	100.5351 ng/ml
Ketamine	4.003	1247258	55306.77	39.8	1303.77	548182	100.6739 ng/ml
Lamotrigine	4.232	91229	1438.76	80.3	7920.81	548182	99.2318 ng/ml
Lorazepam	5.729	906329	1428.40	52.8	3267.34	138497	93.7653 ng/ml
MDA	3.137	1383663	6484.58	20.8	1903.81	312007	104.0372 ng/ml
MDMA	3.237	1094849	29238.67	64.1	11816.99	103069	99.5844 ng/ml
Meprobamate	4.869	365413	15890.95	26.7	541.91	193599	104.7807 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	766969	740.47	52.4	1726.32	364430	97.6265 ng/ml
Methamphetamine	3.165	1305724	6247.38	42.1	6847.11	629061	104.3807 ng/ml
Metoprolol	4.285	234961	885258.90	97.5	3663.75	1448905	102.0243 ng/ml
Mirtazapine	4.582	1100878	19493.22	49.0	30680.96	621496	104.5338 ng/ml
Mitragynine	5.188	135677	17867.42	37.9	1298.77	364430	103.0576 ng/ml
Morphine	1.206	74480	764.06	22.3	437.65	8110	103.1373 ng/ml
Norbuprenorphine	4.944	2444	1177.09	88.7	61.12	11135	10.0111 ng/ml
Nordiazepam	5.882	574465	9164.62	58.2	1330.36	186037	100.5936 ng/ml
Norfentanyl	4.044	218742	7251.84	37.0	887.52	976107	9.4547 ng/ml
Norhydrocodone	3.014	49879	188.75	46.1	202.53	49765	95.0549 ng/ml
Noroxycodone	2.852	503119	1203.43	48.0	1156.15	171168	99.7047 ng/ml
O-desmethyl-tramadol	3.323	3101386	5574.09	6.0	990.64	1624619	98.0813 ng/ml
Oxazepam	5.732	1036513	10046.00	72.3	∞	612947	103.5242 ng/ml
Oxycodone	2.776	1190687	4222.84	30.5	1643.84	499578	102.0397 ng/ml
Oxymorphone	1.356	469005	3476.95	48.2	∞	173634	98.3102 ng/ml
Phentermine	3.729	384892	∞	3.2	904.11	515258	104.5971 ng/ml
Promethazine	5.515	457360	1710.53	30.5	988.49	199314	100.1598 ng/ml
Quetiapine	5.525	577065	37341.20	58.4	60703.53	74281	101.2856 ng/ml
Sertraline	5.758	88613	223.40	92.6	658.33	35901	95.1391 ng/ml
Temazepam	5.799	1877336	2434.40	30.6	∞	928556	97.0839 ng/ml
Tramadol	4.197	2831674	17403.85	3.4	972.00	1448905	100.9641 ng/ml
Trazodone	5.093	510734	48051.03	78.0	3815.60	212139	97.9226 ng/ml
Venlafaxine	5.001	1969255	1902.21	36.2	1360.22	1020075	97.3524 ng/ml
Zolpidem	4.858	2637048	217989.71	31.4	51830.02	1296624	101.0663 ng/ml

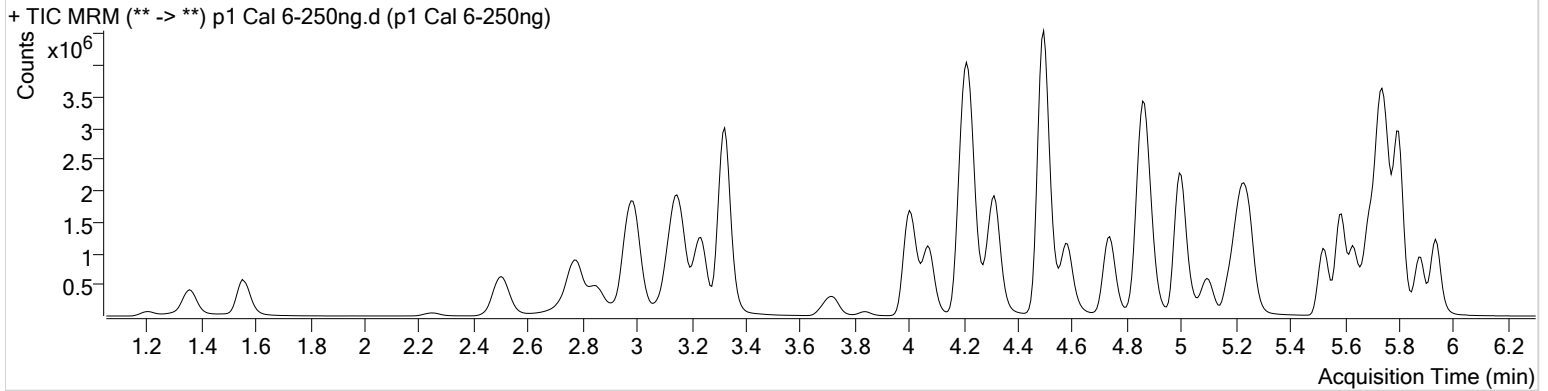
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-F5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 8:48:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	76733	3890.76	72.4	1429.36	65253	25.0830 ng/ml
7-aminoclonazepam	4.223	991917	6953.31	81.7	20732.38	149850	255.6744 ng/ml
a-hydroxyalprazolam	5.674	644622	3131.45	62.2	1580.32	61778	255.5226 ng/ml
alpha-PHP	4.888	644852	60836.19	266.5	8887.06	561196	250.3274 ng/ml
alpha-PVP	4.315	3272582	92005.97	50.7	2687.70	561196	242.9789 ng/ml
Alprazolam	5.758	2128487	∞	106.7	12544.81	235714	245.0466 ng/ml
Amphetamine	2.990	4219950	32345.19	49.2	21024.02	194383	241.1062 ng/ml
Benzoylecgonine	3.838	131722	7482.18	7.6	1206.47	19817	248.4766 ng/ml
Buprenorphine	5.796	38341	716.30	16.9	∞	64167	24.3826 ng/ml
Bupropion	4.739	2393172	88998.33	60.4	2842.82	315415	250.2940 ng/ml
Carisoprodol	5.700	1760790	260955.57	54.1	1931.09	341276	248.9015 ng/ml
Citalopram	5.183	1130560	1046.81	42.3	504.50	199112	250.8376 ng/ml
Clonazepam	5.588	2904101	10196.63	32.8	29416.47	136097	251.7253 ng/ml
Cocaine	4.223	3440341	45710.90	44.1	74619.17	982348	245.4109 ng/ml
Codeine	2.523	381421	1324.61	104.2	26704.16	69499	255.1378 ng/ml
Cyclobenzaprine	5.598	336175	913.81	9.8	808.63	53185	249.7448 ng/ml
Dextromethorphan	5.219	463242	2000.74	79.8	529.88	86140	247.2498 ng/ml
Dextrophan	4.077	830112	2676.17	212.3	3659.56	419132	249.2892 ng/ml
Diazepam	5.936	1527807	1790.65	87.5	412507.34	290229	250.6609 ng/ml
Dihydrocodeine	2.495	1032341	∞	64.7	3367.21	231131	254.2812 ng/ml
Diphenhydramine	5.253	2471855	4568.62	32.5	12487.68	667740	246.1688 ng/ml
Doxylamine	4.494	7165085	287721.00	97.2	91095.22	1162132	257.9099 ng/ml
EDDP	5.218	2339937	45914.04	43.0	953.78	493384	251.7946 ng/ml
Fentanyl	5.053	40552	533.93	67.9	47423.54	75217	24.7042 ng/ml
Fluoxetine	5.690	288974	29992.21	8.7	∞	47244	249.7463 ng/ml
Hydrocodone	2.966	1215990	∞	38.2	∞	317977	249.1263 ng/ml
Hydromorphone	1.561	1091364	1645.51	78.8	∞	142945	247.5686 ng/ml
Ketamine	4.003	2946443	2474.63	39.2	9553.45	514536	253.9948 ng/ml
Lamotrigine	4.232	196520	3375.57	81.1	30942.21	514536	228.2724 ng/ml
Lorazepam	5.729	1639475	∞	56.4	∞	136097	173.3072 ng/ml
MDA	3.137	2879242	10333.78	20.3	2192.80	264613	256.1993 ng/ml
MDMA	3.237	2452200	224975.38	64.8	330305.64	92577	248.3229 ng/ml
Meprobamate	4.869	731804	749.16	26.2	7182.26	166536	244.6193 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	1368513	∞	51.7	52548.46	257990	245.6040 ng/ml
Methamphetamine	3.165	2860384	13867.79	42.1	3287.66	575469	251.7083 ng/ml
Metoprolol	4.285	540206	62279.92	94.9	∞	1299150	262.5060 ng/ml
Mirtazapine	4.582	2185796	16751.07	48.8	62636.45	561196	231.0872 ng/ml
Mitragynine	5.188	231749	17348.57	39.2	1158135.80	257990	250.0633 ng/ml
Morphine	1.206	181424	2397.81	22.8	588.49	8161	250.1306 ng/ml
Norbuprenorphine	4.944	4991	75.74	81.2	136.28	8557	26.9565 ng/ml
Nordiazepam	5.882	1408649	2084.82	58.5	1752.60	181765	252.6147 ng/ml
Norfentanyl	4.037	531400	2733.26	37.0	814.08	918184	24.3244 ng/ml
Norhydrocodone	3.014	108327	∞	41.9	111.99	39595	258.3437 ng/ml
Noroxycodone	2.852	1135034	5868.89	48.2	5413.80	154318	249.5090 ng/ml
O-desmethyl-tramadol	3.323	7660433	4475.13	5.9	1479.77	1551370	253.5721 ng/ml
Oxazepam	5.732	2114526	95248.79	72.0	21621.17	512945	252.8827 ng/ml
Oxycodone	2.776	2902991	3991.39	30.8	3993.02	490296	253.8331 ng/ml
Oxymorphone	1.356	1072208	2763.34	46.6	∞	153029	255.6595 ng/ml
Phentermine	3.723	845730	3940.60	3.2	1787.25	464011	255.7049 ng/ml
Promethazine	5.515	805928	33407.26	31.5	950.26	141973	247.5338 ng/ml
Quetiapine	5.525	1204365	∞	59.3	16681.13	62106	252.7155 ng/ml
Sertraline	5.765	154238	604.58	92.2	976.25	23595	250.7557 ng/ml
Temazepam	5.799	4779447	2052.55	29.5	1116.44	918549	249.7372 ng/ml
Tramadol	4.197	6455186	13331.45	3.4	459.40	1299150	257.1988 ng/ml
Trazodone	5.093	1049873	110008.57	78.6	1551.29	171915	248.2453 ng/ml
Venlafaxine	4.994	4584537	49675.34	36.1	1976.89	926106	248.8307 ng/ml
Zolpidem	4.858	6455607	∞	30.5	76162.28	1270994	252.9133 ng/ml

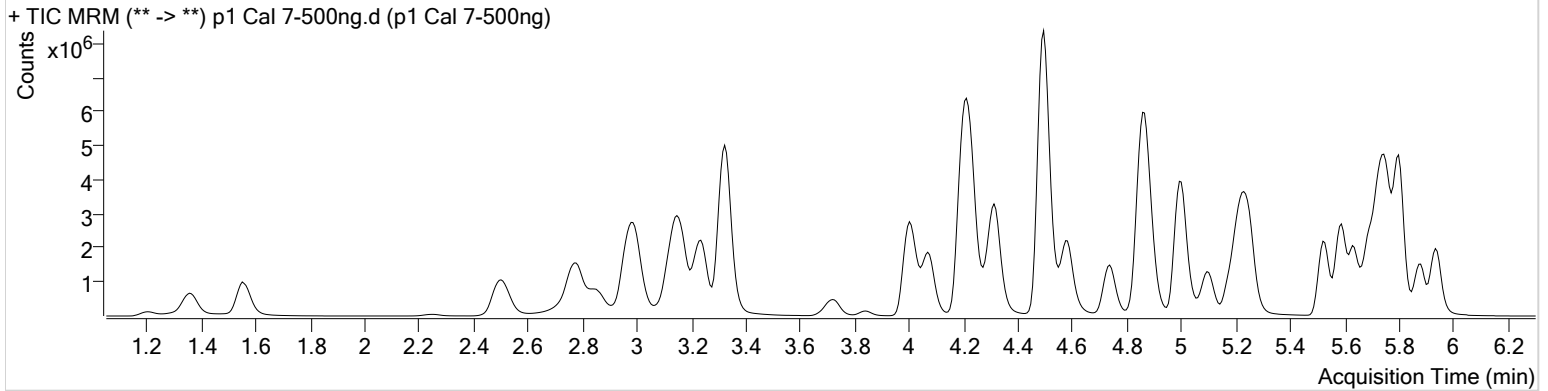
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-G5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 8:58:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	153621	3095.57	71.0	30721.21	64173	51.0778 ng/ml
7-aminoclonazepam	4.223	1510762	18673.00	81.8	∞	119724	487.7157 ng/ml
a-hydroxyalprazolam	5.674	1093416	1661.48	60.1	1503.93	54985	487.3012 ng/ml
alpha-PHP	4.888	1089981	13674.77	264.9	26202.96	503615	472.2867 ng/ml
alpha-PVP	4.315	5995379	455677.94	49.5	1110.50	503615	495.6112 ng/ml
Alprazolam	5.758	3611791	1781.97	106.0	4216.68	194568	502.9778 ng/ml
Amphetamine	2.990	6488915	49872.93	49.6	25937.17	174839	412.9861 ng/ml
Benzoylcegonine	3.838	294504	157201.66	7.7	∞	21687	508.2222 ng/ml
Buprenorphine	5.796	70183	562.07	15.3	6192.54	54052	52.9325 ng/ml
Bupropion	4.739	2884337	57775.74	60.4	2425.60	193650	491.3790 ng/ml
Carisoprodol	5.700	2749530	2548.08	54.1	1715.69	273002	486.1969 ng/ml
Citalopram	5.183	2034533	2540.82	42.7	1312.16	182464	492.6097 ng/ml
Clonazepam	5.588	4926340	63525.92	32.2	∞	117952	493.1162 ng/ml
Cocaine	4.223	6139685	219649.78	43.5	389195.82	865138	497.0197 ng/ml
Codeine	2.523	653565	2677.60	105.7	1916.40	62719	484.5447 ng/ml
Cyclobenzaprine	5.598	802305	2872.36	9.9	∞	64101	494.4542 ng/ml
Dextromethorphan	5.226	868907	10773.72	79.7	13652.67	81751	488.4067 ng/ml
Dextrorphan	4.070	1527077	158445.68	212.2	79077.00	387241	496.1481 ng/ml
Diazepam	5.936	2730421	10970.79	86.8	2080.69	261278	497.6465 ng/ml
Dihydrocodeine	2.495	1886681	148070.45	65.4	1013.42	228057	471.5746 ng/ml
Diphenhydramine	5.253	4614011	60286.34	32.6	38027.30	624117	491.1818 ng/ml
Doxylamine	4.494	13438477	354818.27	98.6	467426.97	1101381	510.4637 ng/ml
EDDP	5.218	4453879	2337.09	42.8	1415.43	476556	496.3016 ng/ml
Fentanyl	5.053	94469	1382.51	66.5	47351.42	83879	51.6321 ng/ml
Fluoxetine	5.697	655282	9886.73	9.1	∞	53332	501.8089 ng/ml
Hydrocodone	2.966	2134737	∞	38.1	620.89	300559	463.1495 ng/ml
Hydromorphone	1.561	2012527	1104.65	78.7	∞	133093	490.5266 ng/ml
Ketamine	4.003	5567969	56668.81	38.8	3333.20	502687	491.6744 ng/ml
Lamotrigine	4.239	298615	4848.56	81.8	∞	502687	355.2681 ng/ml
Lorazepam	5.722	1956649	∞	55.7	∞	117952	238.9694 ng/ml
MDA	3.135	4428656	10714.29	20.1	3936.35	218355	478.1061 ng/ml
MDMA	3.237	4559842	384414.17	64.1	19950.64	85308	501.0979 ng/ml
Meprobamate	4.869	1060731	1263.60	26.2	17571.78	136635	432.5528 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	2697873	18213.72	51.5	52952.10	253045	493.3383 ng/ml
Methamphetamine	3.165	4855409	2714.27	41.9	2395.03	522437	471.7302 ng/ml
Metoprolol	4.285	950850	∞	96.8	15646.48	1231779	487.8174 ng/ml
Mirtazapine	4.582	4273765	411633.64	48.8	75655.86	503615	504.7059 ng/ml
Mitragynine	5.188	440577	36821.68	38.1	17422.07	253045	485.6191 ng/ml
Morphine	1.206	337046	486.56	22.6	∞	7854	483.1551 ng/ml
Norbuprenorphine	4.950	9236	86.81	77.9	51864.69	8246	51.9662 ng/ml
Nordiazepam	5.882	2467271	9748.01	57.9	2063.02	161955	496.6787 ng/ml
Norfentanyl	4.037	969000	3126.06	37.1	∞	791838	51.3667 ng/ml
Norhydrocodone	3.021	188134	444.60	39.7	92.55	32462	546.5523 ng/ml
Noroxycodone	2.852	1877209	29306.25	48.2	1572.11	129842	490.4578 ng/ml
O-desmethyl-tramadol	3.323	14498433	100839.64	5.7	2092.25	1450834	513.0945 ng/ml
Oxazepam	5.732	2720746	∞	74.7	42443.71	345197	483.8298 ng/ml
Oxycodone	2.776	5486388	4308.17	30.7	∞	475804	494.5522 ng/ml
Oxymorphone	1.356	1910205	2067.28	46.9	∞	138734	502.7978 ng/ml
Phentermine	3.729	1488507	∞	3.1	2781.21	432178	483.4982 ng/ml
Promethazine	5.515	1953310	81518.51	30.9	9347.50	168910	504.0963 ng/ml
Quetiapine	5.525	2417646	∞	57.8	36656.99	63530	495.8640 ng/ml
Sertraline	5.765	325374	∞	93.8	352.79	25215	494.2785 ng/ml
Temazepam	5.799	8404214	277462.43	29.1	23592.28	785948	513.1501 ng/ml
Tramadol	4.197	11794000	126475.00	3.3	3255.26	1231779	495.9229 ng/ml
Trazodone	5.093	2355500	1958.07	76.9	41777.84	185550	515.9343 ng/ml
Venlafaxine	4.994	8795872	214529.06	35.4	5032.92	887037	497.9147 ng/ml
Zolpidem	4.858	12563041	∞	29.8	226656.76	1243919	503.2352 ng/ml

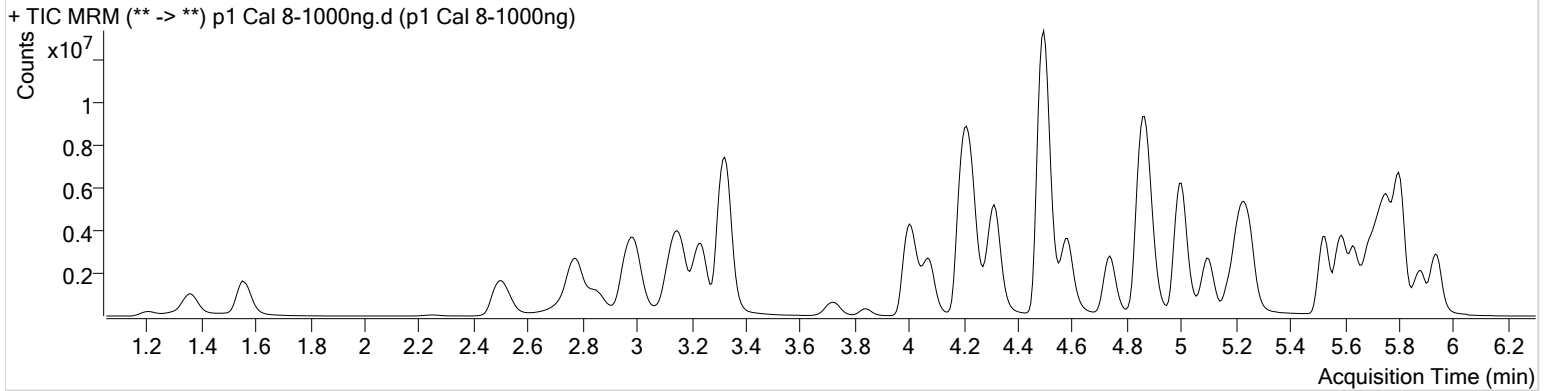
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\AM 27-28 080720 CS\QuantResults\MDQ P1.batch.bin
Calibration Last Update 8/12/2020 9:10:44 AM

Instrument	Falco	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	MDQ P1 060520.m	Operator	Celena Shrum
Sample Position	P5-H5	Comment	
Injection Volume	2		
Acq. Date-Time	8/7/2020 9:09:11 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	291605	3595.50	71.8	1741.43	64027	97.1906 ng/ml
7-aminoclonazepam	4.230	2018898	11352.93	79.9	8579.58	83685	932.7513 ng/ml
a-hydroxyalprazolam	5.668	1634399	∞	62.0	2753.86	43395	923.2762 ng/ml
alpha-PHP	4.888	1585487	3506.37	265.1	∞	411317	841.8402 ng/ml
alpha-PVP	4.315	10032102	237420.15	49.3	97715.12	411317	1014.9782 ng/ml
Alprazolam	5.758	5655649	10794.99	105.1	∞	152335	1005.2253 ng/ml
Amphetamine	2.997	8655538	35439.30	49.5	35511.62	142877	674.8251 ng/ml
Benzoylecgonine	3.838	701607	4013.93	7.7	2190.10	22904	1147.1475 ng/ml
Buprenorphine	5.796	94987	2149.51	15.7	1977.62	36264	106.7353 ng/ml
Bupropion	4.739	5511918	2608.27	59.5	1925.72	181602	1001.3488 ng/ml
Carisoprodol	5.700	3804057	1378.88	53.3	98246.42	187577	979.3554 ng/ml
Citalopram	5.183	2923449	5949.72	42.3	4693.56	128333	1006.4304 ng/ml
Clonazepam	5.581	7318188	50614.84	32.0	32780.48	94852	911.2960 ng/ml
Cocaine	4.223	9738749	1651019.27	42.8	48254.64	674798	1010.4640 ng/ml
Codeine	2.530	1074465	9828.66	102.6	1274.59	51655	967.3468 ng/ml
Cyclobenzaprine	5.598	1411129	33496.08	9.9	3022.81	53595	1040.0471 ng/ml
Dextromethorphan	5.226	1271248	1346.76	78.6	17323.58	57492	1015.7726 ng/ml
Dextrophan	4.077	2284859	83467.78	213.7	91740.23	285368	1007.1421 ng/ml
Diazepam	5.936	4418227	900.59	86.7	∞	209274	1005.4152 ng/ml
Dihydrocodeine	2.495	3275706	47816.33	64.5	59093.54	220123	848.8271 ng/ml
Diphenhydramine	5.253	7168302	183909.37	32.1	1337.48	468673	1015.7222 ng/ml
Doxylamine	4.494	23418487	∞	98.3	535139.08	994371	985.3435 ng/ml
EDDP	5.218	7272842	285811.69	42.2	953.89	375243	1029.3522 ng/ml
Fentanyl	5.053	161170	233873.50	66.1	27998.57	69135	106.8963 ng/ml
Fluoxetine	5.697	1008453	23024.37	8.2	155.25	41329	996.6900 ng/ml
Hydrocodone	2.959	3628560	∞	39.9	∞	275240	860.1120 ng/ml
Hydromorphone	1.561	3647931	1436.95	74.1	1599.43	116315	1017.6156 ng/ml
Ketamine	4.003	9760122	258783.16	38.4	7031.18	455850	950.7908 ng/ml
Lamotrigine	4.246	402111	19348.15	80.8	2798.84	455850	527.7531 ng/ml
Lorazepam	5.722	1843083	5494.63	56.0	3817.79	94852	280.0609 ng/ml
MDA	3.131	5969860	5098.67	19.6	20217.96	159575	882.4356 ng/ml
MDMA	3.237	7202965	∞	63.4	194857.96	67615	998.7022 ng/ml
Meprobamate	4.876	1217623	21688.40	26.0	10048.29	97683	694.8394 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	4483411	93452.33	51.2	765.60	204675	1013.2759 ng/ml
Methamphetamine	3.165	7140591	∞	41.2	22514.65	414259	875.9858 ng/ml
Metoprolol	4.285	1425078	∞	95.9	9227.79	1015401	887.3797 ng/ml
Mirtazapine	4.582	7140753	276509.83	48.2	185473.13	411317	1033.5856 ng/ml
Mitragynine	5.188	639790	53723.39	37.7	25408.49	204675	872.6467 ng/ml
Morphine	1.206	578654	∞	22.8	770.41	6752	965.1707 ng/ml
Norbuprenorphine	4.950	12218	1157.78	84.8	1134.85	5881	96.5692 ng/ml
Nordiazepam	5.882	3707807	54393.77	58.2	14047.59	124600	970.2742 ng/ml
Norfentanyl	4.037	1712076	6880.30	37.2	24449.13	623235	115.2360 ng/ml
Norhydrocodone	3.014	335050	1229.36	42.3	443.81	28681	1101.0279 ng/ml
Noroxycodone	2.852	2850322	388.90	43.6	214.33	93748	1031.4321 ng/ml
O-desmethyl-tramadol	3.323	24360657	503044.11	5.9	100918.02	1237753	1010.4512 ng/ml
Oxazepam	5.726	2792789	5362.23	70.6	4530.45	186925	917.4746 ng/ml
Oxycodone	2.769	10294920	21966.75	30.2	4571.32	458239	963.7901 ng/ml
Oxymorphone	1.356	3264073	∞	46.5	∞	120314	991.0869 ng/ml
Phentermine	3.729	2177292	∞	3.1	∞	346275	882.9583 ng/ml
Promethazine	5.515	3239121	913.92	30.5	69450.74	141456	998.0026 ng/ml
Quetiapine	5.525	4410316	64661.43	59.4	67715.19	57063	1006.9938 ng/ml
Sertraline	5.765	384579	40646.85	86.6	30838.58	14525	1013.4498 ng/ml
Temazepam	5.799	13168599	132637.59	28.8	78613.54	589012	1072.8123 ng/ml
Tramadol	4.197	18547833	746136.11	3.2	2201.58	1015401	946.4075 ng/ml
Trazodone	5.093	4964468	129450.19	77.3	1396340.97	190730	1057.7603 ng/ml
Venlafaxine	5.001	14642004	3948.37	35.5	87790.84	729220	1007.7012 ng/ml
Zolpidem	4.858	22480953	282555.20	30.1	189642.84	1213951	923.0294 ng/ml