








Worklist: 4400

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2020-1127	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1366	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1367	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1376	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1378	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1385	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1391	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1409	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1420	1	AVK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1464	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2030	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 7/29/20

Analyst: Anne Nord

Plate lot#: 200513 (part IDP-111-2)

Plate Expiration: 11/13/20

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 71720 **Urine Blank lot:** 6920

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

LCMS-QQQ ID: 69679

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) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 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: 66792
- 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: 66819
- 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:

Limited curve ranges – Benzoylcegonine 10-1000, Buprenorphine 1-100, lorazepam 5-500, Norbuprenorphine 2.5-100
Trazodone 5-500.

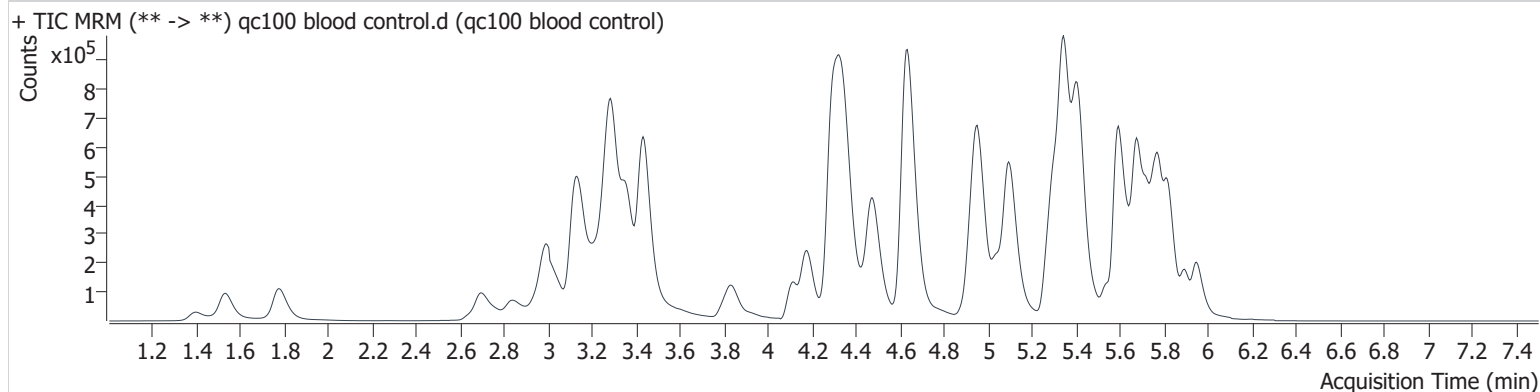
Norhydrocodone not evaluated.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	qc100 blood control.d
Type	QC	Sample	qc100 blood control
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 12:07:56 PM		
Sample Info.			

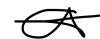
Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.258	13423	10847.6	74.8	7306.5	30194	10.605 ng/ml
7-aminoclonazepam	4.333	314613	8176.5	84.8	9387.5	121422	100.431 ng/ml
a-hydroxyalprazolam	5.707	41782	253.6	62.3	851.5	20337	105.465 ng/ml
alpha-PVP	4.474	909111	1804.7	49.2	6660.7	370428	102.835 ng/ml
Alprazolam	5.781	300457	2006.0	100.2	1764.2	94531	98.066 ng/ml
Amphetamine	3.130	1553156	4906.8	43.3	701.6	245776	107.101 ng/ml
Benzoylcegonine	3.925	20967	1294.9	8.5	309.4	8694	88.645 ng/ml
Buprenorphine	6.000	5845	1063.1	17.1	906.2	21346	10.026 ng/ml
Bupropion	4.934	810827	16621.7	66.0	4208.0	257109	106.767 ng/ml
Carisoprodol	5.731	206037	1322.9	82.2	2121.0	103074	107.227 ng/ml
Citalopram	5.276	470142	569.4	30.9	153615.7	205107	101.624 ng/ml
Clonazepam	5.630	205945	19334.8	30.8	5152.3	37356	104.674 ng/ml
Cocaine	4.342	799164	1145.8	45.0	23258.6	552250	107.801 ng/ml
Codeine	2.837	75637	1846.2	110.4	2580.9	37088	108.022 ng/ml
Cyclobenzaprine	5.653	298450	290293.0	9.1	3242.5	103241	104.542 ng/ml
Dextromethorphan	5.321	348956	32534.4	81.5	3926.4	169056	103.518 ng/ml
Dextrorphan	4.176	208189	2777.8	215.5	10165.2	245141	101.301 ng/ml
Diazepam	5.952	233303	3580.4	88.3	4072.7	103733	104.246 ng/ml
Dihydrocodeine	2.694	198947	3023.0	68.4	3396.9	116045	102.169 ng/ml
Diphenhydramine	5.347	1627978	48358.8	29.2	12533.9	782722	100.222 ng/ml
Doxylamine	4.630	1879330	7154.5	94.4	15876.5	756823	102.318 ng/ml
EDDP	5.305	202754	∞	235.1	9057.8	237419	103.229 ng/ml
Fentanyl	5.281	50449	439.7	63.5	4362.9	260502	10.617 ng/ml
Fluoxetine	5.724	298483	6232.1	7.4	552.1	101596	109.127 ng/ml
Hydrocodone	3.204	293125	1224.2	44.9	781.4	171803	104.017 ng/ml
Hydromorphone	1.777	255322	1445.5	77.1	6096.3	83949	102.502 ng/ml
Ketamine	4.285	609931	8669.5	33.2	1734.3	250216	112.315 ng/ml
Lamotrigine	4.421	58989	1573.1	81.9	261.1	250216	110.318 ng/ml
Lorazepam	5.754	188445	5756.3	56.5	466.7	37356	114.425 ng/ml
MDA	3.272	969052	1279.9	23.3	1658.6	237891	106.357 ng/ml
MDMA	3.359	716188	37801.8	84.7	14037.4	50149	117.273 ng/ml
Meprobamate	4.950	189281	66883.4	33.6	2521.1	72208	107.202 ng/ml
Methadone	5.672	525764	23704.6	74.2	9270.1	282664	101.526 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	1000490	2369.5	40.3	1096.1	448617	115.213 ng/ml
Metoprolol	4.374	127785	172948.2	94.2	10910.4	250216	110.271 ng/ml
Mirtazapine	4.959	1021699	1479.0	54.0	8626.5	282664	120.066 ng/ml
Mitragynine	5.395	92899	131123.2	30.2	5645.6	282664	119.354 ng/ml
Morphine	1.397	33236	2124.6	38.7	343.6	2227	103.176 ng/ml
Norbuprenorphine	5.048	1343	1047.5	87.6	920.5	5526	11.408 ng/ml
Nordiazepam	5.896	229402	3604.7	54.7	9994.6	80553	104.782 ng/ml
Norfentanyl	4.132	14451	33.3	306.9	645.4	506906	10.133 ng/ml
Noroxycodone	2.989	233116	2637.8	46.0	3205.6	68025	115.006 ng/ml
O-desmethyl-tramadol	3.435	1440863	47819.3	6.4	2479.3	759638	100.307 ng/ml
Oxazepam	5.761	301581	5584.1	71.2	3012.8	179213	103.640 ng/ml
Oxycodone	2.988	486193	2999.5	34.4	826.1	204443	105.305 ng/ml
Oxymorphone	1.529	268733	7040.0	50.6	8164.0	94238	107.171 ng/ml
Phentermine	3.836	195163	373.1	9.7	192.9	257409	109.380 ng/ml
Promethazine	5.591	592195	6040.5	38.5	4648.8	281469	101.470 ng/ml
Quetiapine	5.686	340802	490866.3	56.4	140659.2	39583	112.845 ng/ml
Sertraline	5.792	95912	1873.2	94.5	1651.3	36513	105.665 ng/ml
Temazepam	5.823	599168	3036.8	29.8	1288.2	259139	104.623 ng/ml
Tramadol	4.298	1724450	2090.5	3.3	324.5	813853	107.155 ng/ml
Trazodone	5.588	719253	3120.0	78.8	12432.6	332090	107.937 ng/ml
Venlafaxine	5.097	990910	31877.3	40.8	4073.8	676930	99.384 ng/ml
Zolpidem	5.413	1373877	7336.7	32.5	2614.9	734804	101.590 ng/ml

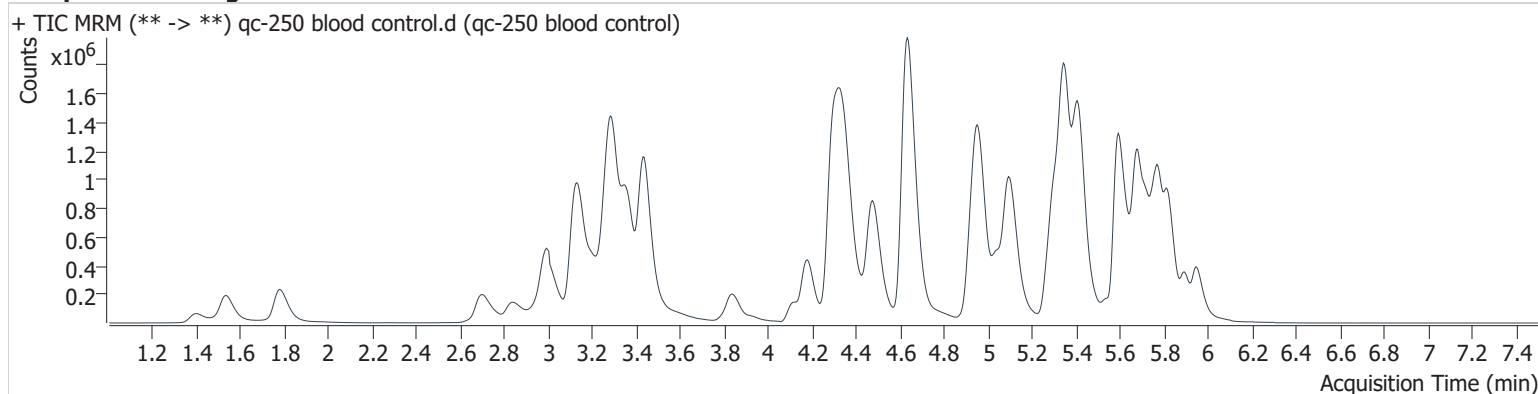


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument 69679 **Data File** qc-250 blood control.d
Type QC **Sample** qc-250 blood control
Acq. Method MDQP1 5-27-20.m **Operator** Anne Nord
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 7/29/2020 12:18:45 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.258	32382	2596.5	69.4	1282.5	28011	27.688 ng/ml
7-aminoclonazepam	4.333	646288	5124.5	80.7	5271.7	96619	258.752 ng/ml
a-hydroxyalprazolam	5.707	85863	2958.7	63.3	2399.7	17342	254.023 ng/ml
alpha-PVP	4.479	2066894	7161.8	49.8	4177.3	350721	247.030 ng/ml
Alprazolam	5.781	687966	635.3	98.9	2966.7	85131	246.887 ng/ml
Amphetamine	3.130	3208113	17276.1	43.5	4965.1	214220	254.934 ng/ml
Benzoylcegonine	3.925	54003	2426.2	7.4	565.0	8263	234.028 ng/ml
Buprenorphine	6.000	14476	1523.4	17.4	4445.4	21244	24.875 ng/ml
Bupropion	4.929	1798849	10577.2	65.7	2912.1	240140	254.131 ng/ml
Carisoprodol	5.731	435910	5717.5	83.6	4005.3	93327	250.464 ng/ml
Citalopram	5.276	1021025	20122.0	32.0	565.7	185733	242.840 ng/ml
Clonazepam	5.630	448904	85329.1	31.8	105050.8	34058	250.811 ng/ml
Cocaine	4.342	1741459	90959.3	45.6	10299.9	511949	253.523 ng/ml
Codeine	2.837	178671	3595.0	107.8	4915.5	36705	257.933 ng/ml
Cyclobenzaprine	5.653	610683	6290.6	8.8	57625.5	88815	248.868 ng/ml
Dextromethorphan	5.321	733815	34292.3	80.3	442.8	150322	244.573 ng/ml
Dextrorphan	4.176	469921	376750.6	218.3	5981.3	233506	240.018 ng/ml
Diazepam	5.947	537227	10548.3	85.7	2617.6	96788	257.642 ng/ml
Dihydrocodeine	2.699	455391	2130.2	69.7	9136.7	109064	248.991 ng/ml
Diphenhydramine	5.352	3569164	24230.9	29.7	28829.5	715366	239.185 ng/ml
Doxylamine	4.630	4406653	30038.8	94.2	66385.6	735393	246.785 ng/ml
EDDP	5.305	485603	27216.5	241.2	2204.8	238770	246.002 ng/ml
Fentanyl	5.286	115230	1574.4	59.8	1072.0	247366	25.523 ng/ml
Fluoxetine	5.724	571634	30578.1	7.6	508.6	83345	255.394 ng/ml
Hydrocodone	3.204	655179	1686.1	42.4	3151.3	156435	254.745 ng/ml
Hydromorphone	1.777	556903	2533.8	79.8	1391.5	80823	233.542 ng/ml
Ketamine	4.285	1265365	9646.3	33.2	2156.7	229767	254.912 ng/ml
Lamotrigine	4.421	132793	2277.8	81.9	2618.4	229767	270.194 ng/ml
Lorazepam	5.754	392807	7405.8	55.1	980.7	34058	265.442 ng/ml
MDA	3.272	2073848	18484.4	23.5	1211.0	215342	251.196 ng/ml
MDMA	3.359	1573627	554.6	85.0	911.7	50540	255.651 ng/ml
Meprobamate	4.945	405881	461.2	32.2	6740.1	64519	258.089 ng/ml
Methadone	5.672	1189787	8217.1	74.5	12267.7	267125	242.724 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.298	1764769	∞	44.8	28532.3	376449	247.848 ng/ml
Metoprolol	4.374	262889	263526.5	98.2	9477.4	229767	248.141 ng/ml
Mirtazapine	4.959	2208722	4112.0	53.8	8123.3	267125	274.908 ng/ml
Mitragynine	5.395	193905	592.9	29.3	572.4	267125	266.132 ng/ml
Morphine	1.397	76685	2074.0	40.0	3463.8	2134	249.084 ng/ml
Norbuprenorphine	5.058	2531	608.4	107.6	4053.3	5318	22.649 ng/ml
Nordiazepam	5.896	525274	647762.4	53.5	8929.9	77043	251.224 ng/ml
Norfentanyl	4.132	33904	683.8	302.6	156.6	491733	24.525 ng/ml
Noroxycodone	2.989	500076	4883.0	47.5	9664.8	63831	262.754 ng/ml
O-desmethyl-tramadol	3.435	3327872	6470.0	6.5	1378.8	718666	243.673 ng/ml
Oxazepam	5.761	663114	12321.0	66.5	3456.2	159744	255.912 ng/ml
Oxycodone	2.988	1110733	15568.1	34.0	3580.8	195965	251.308 ng/ml
Oxymorphone	1.529	613172	12768.4	50.8	452.5	90146	256.037 ng/ml
Phentermine	3.841	429298	503.1	9.1	740.5	230054	268.209 ng/ml
Promethazine	5.591	1236675	9309.6	38.4	5627.5	242612	245.130 ng/ml
Quetiapine	5.686	732308	159472.3	58.6	244123.4	36759	262.037 ng/ml
Sertraline	5.792	164799	1645.7	94.1	244827.5	26440	250.450 ng/ml
Temazepam	5.823	1363199	39310.6	30.0	2602.0	249418	247.452 ng/ml
Tramadol	4.298	3792118	43935.1	3.4	1213.9	760829	252.888 ng/ml
Trazodone	5.588	1608251	10043.7	78.4	1060814.5	320009	251.441 ng/ml
Venlafaxine	5.097	2297605	256316.6	40.9	9486.7	640770	240.773 ng/ml
Zolpidem	5.413	3188298	26330.7	30.9	10142.3	699402	247.674 ng/ml

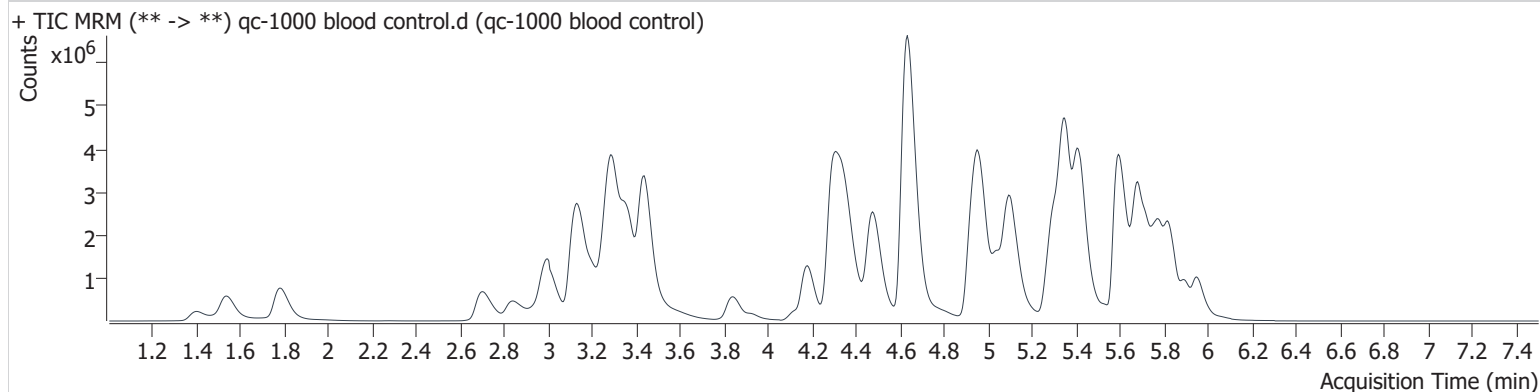


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument 69679 Data File qc-1000 blood control.d
Type QC Sample qc-1000 blood control
Acq. Method MDQP1 5-27-20.m Operator Anne Nord
Sample Position P2-D2 Comment
Injection Volume 2
Acq. Date-Time 7/29/2020 12:29:34 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	94549	2087.1	69.0	10835.6	23271	97.486 ng/ml
7-aminoclonazepam	4.333	1274939	46094.0	84.5	4725.2	47317	1041.313 ng/ml
a-hydroxyalprazolam	5.707	160193	5255.7	68.3	1241.4	8683	946.302 ng/ml
alpha-PVP	4.474	6926657	5225.6	50.4	3750.0	290095	1001.072 ng/ml
Alprazolam	5.781	1933865	1074.2	95.2	1005.6	53456	1099.700 ng/ml
Amphetamine	3.130	9301673	38061.9	43.8	26398.7	179442	884.439 ng/ml
Benzoylcegonine	3.925	253461	4957.2	7.5	748.2	8538	1050.054 ng/ml
Buprenorphine	6.000	56902	7806.6	16.3	8135.3	19042	108.915 ng/ml
Bupropion	4.931	6371159	17522.3	64.1	101240.8	226947	953.454 ng/ml
Carisoprodol	5.731	991519	34938.4	80.8	6413.7	52696	1008.769 ng/ml
Citalopram	5.271	3074888	34344.2	32.0	1353515.5	132615	1022.226 ng/ml
Clonazepam	5.625	972708	25123.1	32.9	326593.3	20626	898.425 ng/ml
Cocaine	4.347	5208095	5927.7	45.2	155950.2	379252	1023.759 ng/ml
Codeine	2.837	586391	965.5	111.6	7826.6	33936	915.794 ng/ml
Cyclobenzaprine	5.648	1841768	1873.2	9.0	7341.8	66474	1003.282 ng/ml
Dextromethorphan	5.315	1789084	54429.2	79.6	42340.1	89420	1001.842 ng/ml
Dextrophan	4.176	1613519	48662.4	220.6	251272.7	194816	987.718 ng/ml
Diazepam	5.952	1708539	66957.9	86.2	21913.8	77855	1019.382 ng/ml
Dihydrocodeine	2.699	1690466	10125.7	72.2	15345.7	104407	965.824 ng/ml
Diphenhydramine	5.353	10511637	32311.8	30.3	60665.2	516741	972.490 ng/ml
Doxylamine	4.630	16161353	147581.6	93.1	37290.5	642049	1036.395 ng/ml
EDDP	5.305	1651576	616546.4	238.0	2029.3	202099	988.847 ng/ml
Fentanyl	5.281	358809	2504.0	60.9	2963.6	200393	98.077 ng/ml
Fluoxetine	5.724	1768382	16377.7	7.4	131289.1	65700	1003.660 ng/ml
Hydrocodone	3.204	2093696	10600.7	44.7	678.5	124392	1022.540 ng/ml
Hydromorphone	1.777	2106827	28340.8	78.5	45525.7	74731	958.761 ng/ml
Ketamine	4.279	3177762	36193.2	33.0	3603.7	167790	878.888 ng/ml
Lamotrigine	4.421	371887	9714.2	88.2	6466.6	167790	1035.682 ng/ml
Lorazepam	5.749	600652	6650.2	56.4	3791.2	20626	674.767 ng/ml
MDA	3.262	4975075	78146.4	23.9	26946.1	132545	978.505 ng/ml
MDMA	3.364	5043240	105810.0	83.1	34549.9	39866	1038.621 ng/ml
Meprobamate	4.955	875664	359369.2	32.5	1714.3	40538	887.626 ng/ml
Methadone	5.672	3999247	1304555.4	72.3	91179.2	212356	1025.387 ng/ml

qc-1000 blood control

ocr = outside curve range

Generated at 8:08 AM on 7/30/2020



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Methamphetamine	3.293	6225589	88706.5	39.5	14798.9	326643	1023.410	ng/ml
Metoprolol	4.374	669081	733229.0	96.9	39870.8	167790	867.009	ng/ml
Mirtazapine	4.964	6567517	152835.4	51.3	115609.8	212356	1028.776	ng/ml
Mitragynine	5.390	546447	343094.7	31.5	221395.8	212356	948.726	ng/ml
Morphine	1.402	262146	6316.5	42.5	652.6	2012	904.850	ng/ml
Norbuprenorphine	5.053	8803	5553.1	91.1	8494.0	3922	108.021	ng/ml
Nordiazepam	5.896	1529308	5576.7	52.9	15133.3	56572	996.889	ng/ml
Norfentanyl	4.132	130400	7460.8	294.3	5903.2	478016	97.065	ng/ml
Noroxycodone	2.994	1275197	2627.1	51.4	4210.6	48992	872.676	ng/ml
O-desmethyl-tramadol	3.435	12270568	379854.6	6.3	1457.4	626549	1027.865	ng/ml
Oxazepam	5.761	1372959	551917.7	68.0	795.4	83638	1012.515	ng/ml
Oxycodone	2.988	3961208	5750.0	34.3	4502.1	178130	986.658	ng/ml
Oxymorphone	1.534	2175776	520.5	50.5	9259.5	82804	989.911	ng/ml
Phentermine	3.841	1449190	1370.7	8.3	1736.0	206397	1007.274	ng/ml
Promethazine	5.591	4843542	25320.3	38.1	28560.7	231714	1003.679	ng/ml
Quetiapine	5.686	2072247	2462313.5	60.1	1103635.8	27502	993.036	ng/ml
Sertraline	5.792	529949	4390.5	97.7	374721.7	19822	1073.638	ng/ml
Temazepam	5.823	4120178	86393.7	29.9	7354.6	182165	1024.345	ng/ml
Tramadol	4.300	11788463	26600.7	3.3	3917.5	642915	931.971	ng/ml
Trazodone	5.588	4624987	284832.4	79.1	259878.0	287801	805.649	ng/ml ocr
Venlafaxine	5.097	8016867	109071.8	38.8	260014.6	500158	1069.903	ng/ml
Zolpidem	5.413	10377606	85370.6	29.4	2508711.3	545712	1033.162	ng/ml

ocr = outside curve range

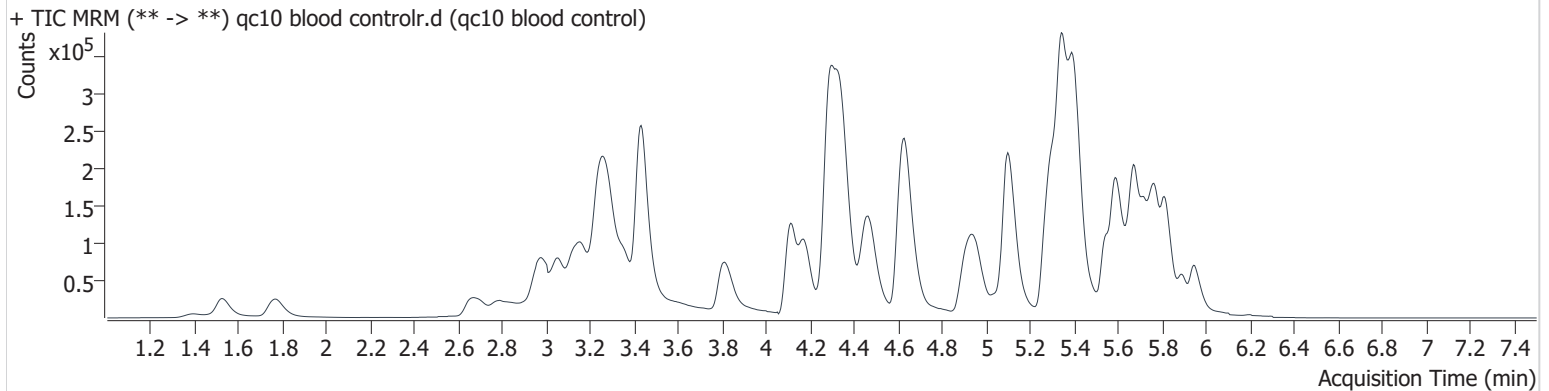
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	qc10 blood controlr.d
Type	QC	Sample	qc10 blood control
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 12:51:06 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.263	1371	196.3	76.0	470.1	31150	0.987 ng/ml
7-aminoclonazepam	4.333	34085	746.8	84.2	401.9	138406	9.841 ng/ml
a-hydroxyalprazolam	5.713	5039	176.4	56.6	2796.5	23847	10.934 ng/ml
alpha-PVP	4.479	101444	127.6	47.2	169.3	414668	10.190 ng/ml
Alprazolam	5.776	33207	1655.0	96.7	1029.5	108298	10.897 ng/ml
Amphetamine	3.135	174897	547.9	42.2	571.8	271265	10.190 ng/ml
Benzoylcegonine	3.925	2257	164.2	6.9	10.1	8898	12.575 ng/ml
Buprenorphine	6.000	679	217.8	16.3	114.9	28155	0.928 ng/ml
Bupropion	4.934	85203	1736.6	66.9	819.2	281177	9.913 ng/ml
Carisoprodol	5.731	21804	590.8	81.7	110.8	116482	10.102 ng/ml
Citalopram	5.282	53139	422.5	30.9	114.2	236645	10.525 ng/ml
Clonazepam	5.630	23245	647.7	32.1	186.1	43672	9.745 ng/ml
Cocaine	4.342	86910	2615.1	44.4	3425.6	619822	10.364 ng/ml
Codeine	2.837	7392	72.5	103.1	303.1	38603	10.076 ng/ml
Cyclobenzaprine	5.653	33500	47004.1	9.2	42.3	122909	9.719 ng/ml
Dextromethorphan	5.326	39172	2584.4	80.8	11666.4	189870	10.507 ng/ml
Dextrorphan	4.176	20483	858.7	201.1	1821.6	255311	9.591 ng/ml
Diazepam	5.947	25350	980.7	88.7	986.4	117275	9.791 ng/ml
Dihydrocodeine	2.699	18875	1330.6	67.2	1275.8	116624	9.547 ng/ml
Diphenhydramine	5.352	178722	4032.5	29.2	1522.8	901171	10.352 ng/ml
Doxylamine	4.635	193388	1883.5	94.7	540.3	805253	9.973 ng/ml
EDDP	5.310	21254	16762.5	252.9	8556.3	265139	9.582 ng/ml
Fentanyl	5.286	5716	34.5	69.4	1918.0	300279	1.053 ng/ml
Fluoxetine	5.724	37635	938.9	6.4	1997.8	120331	11.190 ng/ml
Hydrocodone	3.209	28616	921.9	47.3	422.0	174765	10.348 ng/ml
Hydromorphone	1.783	23753	2049.7	87.4	444.6	87713	8.176 ng/ml
Ketamine	4.290	66804	1899.6	32.7	34.4	272284	10.472 ng/ml
Lamotrigine	4.427	6122	1245.9	81.7	1525.8	272284	10.677 ng/ml
Lorazepam	5.754	22574	949.8	63.4	56.1	43672	9.053 ng/ml
MDA	3.272	102027	149.8	23.2	168.7	268429	10.091 ng/ml
MDMA	3.364	74130	511.1	80.6	445.0	58344	10.456 ng/ml
Meprobamate	4.950	20041	2151.2	32.8	112.8	76253	10.222 ng/ml
Methadone	5.672	60814	1397.3	75.3	2158.7	329242	10.335 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.298	138125	191.1	43.2	195.0	506334	9.582 ng/ml
Metoprolol	4.374	13259	999.4	102.5	173.4	272284	9.718 ng/ml
Mirtazapine	4.964	109819	1538.1	54.1	1227.0	329242	10.905 ng/ml
Mitragynine	5.395	11700	17564.7	27.1	3031.6	329242	11.047 ng/ml
Morphine	1.397	3337	397.5	38.4	234.0	2285	9.642 ng/ml
Norbuprenorphine	5.048	159	107.9	83.8	278.5	6610	0.846 ng/ml OCR
Nordiazepam	5.896	26296	18767.9	49.7	874.1	91851	10.296 ng/ml
Norfentanyl	4.132	1472	54.6	286.2	74.2	523546	0.989 ng/ml
Noroxycodone	2.994	21053	21.5	53.3	1940.0	72663	9.840 ng/ml
O-desmethyl-tramadol	3.435	147153	1945.5	5.9	457.8	791960	10.582 ng/ml
Oxazepam	5.761	34524	456.7	69.1	198.8	212395	9.853 ng/ml
Oxycodone	2.993	46778	173.9	30.1	168.5	210611	9.622 ng/ml
Oxymorphone	1.534	26717	1661.2	52.2	438.2	96465	10.145 ng/ml
Phentermine	3.841	18144	29.3	11.2	38.1	284044	9.845 ng/ml
Promethazine	5.596	65770	533.4	39.8	255.1	323759	10.247 ng/ml
Quetiapine	5.681	36646	46863.7	53.5	463.0	45596	9.894 ng/ml
Sertraline	5.792	12088	94.0	94.7	5778.8	40743	12.110 ng/ml
Temazepam	5.823	63306	1285.6	30.9	53.2	284943	9.960 ng/ml
Tramadol	4.303	182624	5573.3	3.0	42.6	856895	10.227 ng/ml
Trazodone	5.588	84259	30773.4	72.5	3341.2	360201	10.994 ng/ml
Venlafaxine	5.097	104365	1543.9	39.5	128.2	773831	10.830 ng/ml
Zolpidem	5.413	140483	1771.1	31.9	1224.2	793320	9.632 ng/ml

OCR = outside curve range

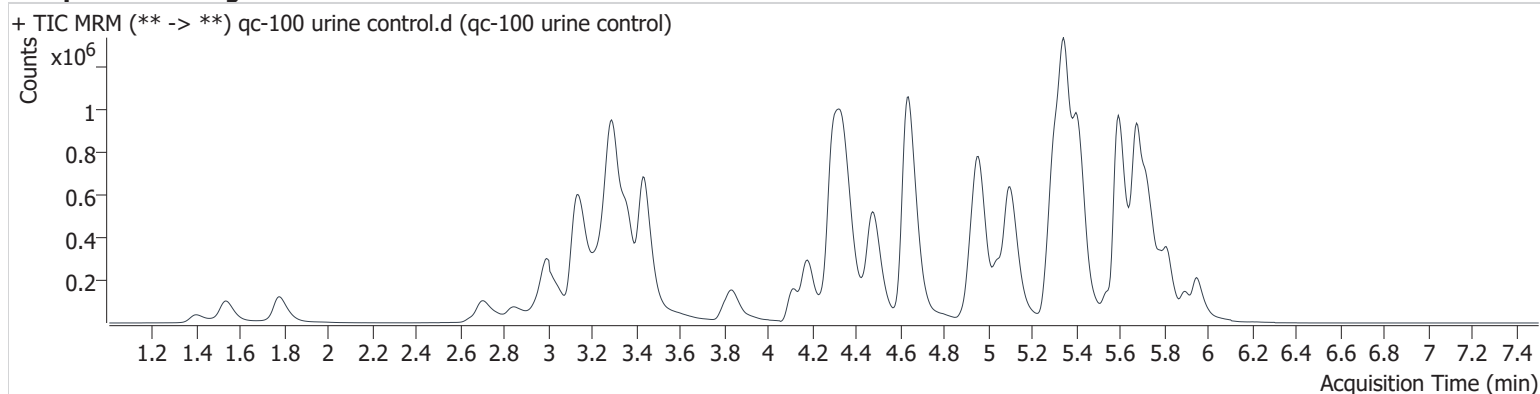
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	qc-100 urine control.d
Type	QC	Sample	qc-100 urine control
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 1:01:56 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.258	14109	1767.5	74.0	1066.7	31781	10.590 ng/ml
7-aminoclonazepam	4.333	313957	13610.0	83.6	5700.4	118954	102.295 ng/ml
a-hydroxyalprazolam	5.707	30465	968.4	63.7	2654.7	14642	106.809 ng/ml
alpha-PVP	4.479	1131428	4356.9	50.0	3199.6	452200	104.840 ng/ml
Alprazolam	5.781	198688	2988.2	99.3	2399.5	54260	112.739 ng/ml
Amphetamine	3.130	1968785	6309.5	42.0	2720.9	292388	114.173 ng/ml
Benzoylcegonine	3.925	22465	446.3	8.0	15.6	9212	89.595 ng/ml
Buprenorphine	6.000	15581	1241.7	16.9	1816.4	52303	10.902 ng/ml
Bupropion	4.934	1006876	19137.6	66.2	2496.5	319845	106.576 ng/ml
Carisoprodol	5.726	141728	2871.0	84.6	1670.2	76742	99.073 ng/ml
Citalopram	5.282	640190	9230.9	32.0	167621.2	273407	103.798 ng/ml
Clonazepam	5.625	157329	1706.3	32.3	7170.7	29378	101.669 ng/ml
Cocaine	4.347	862085	25033.8	45.4	12394.9	605427	106.073 ng/ml
Codeine	2.842	79106	1071.9	107.4	571.9	36740	114.050 ng/ml
Cyclobenzaprine	5.648	493935	169492.9	9.3	780.5	169695	105.263 ng/ml
Dextromethorphan	5.321	456281	9832.3	80.9	26719.2	218770	104.596 ng/ml
Dextrorphan	4.181	256756	33112.1	213.2	29673.7	301958	101.426 ng/ml
Diazepam	5.952	243061	3655.1	86.1	5596.4	106090	106.197 ng/ml
Dihydrocodeine	2.704	215533	1811.2	69.2	4863.8	119087	107.865 ng/ml
Diphenhydramine	5.352	1941235	5728.1	30.7	5649.0	959664	97.497 ng/ml
Doxylamine	4.635	2151115	60024.5	94.4	73969.3	859386	103.137 ng/ml
EDDP	5.305	459176	5981.9	239.0	15064.6	514754	107.832 ng/ml
Fentanyl	5.286	68805	394.7	59.5	3385.9	347488	10.855 ng/ml
Fluoxetine	5.724	526434	26906.0	7.5	1903.5	192464	101.564 ng/ml
Hydrocodone	3.209	307827	548.4	45.9	1646.9	189159	99.230 ng/ml
Hydromorphone	1.777	264386	12966.5	81.9	891.5	93111	95.627 ng/ml
Ketamine	4.290	663999	4483.6	33.4	280.3	275616	110.992 ng/ml
Lamotrigine	4.421	64157	1486.7	86.0	4225.2	275616	108.928 ng/ml
Lorazepam	5.744	85551	1550.1	56.8	327.1	29378	64.797 ng/ml
MDA	3.272	1002798	1110.9	24.6	1412.6	243753	107.412 ng/ml
MDMA	3.364	778300	26643.7	84.9	557.9	60380	105.851 ng/ml
Meprobamate	4.950	185739	7261.4	32.7	112.1	71013	106.964 ng/ml
Methadone	5.677	897442	9784.1	76.1	6918.1	466442	105.009 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.298	1426440	5404.7	39.9	∞	636370	115.826 ng/ml
Metoprolol	4.374	132867	7812.2	98.0	1333.8	275616	104.041 ng/ml
Mirtazapine	4.964	1226124	7939.7	50.3	4636.4	466442	87.266 ng/ml
Mitragynine	5.400	231690	111398.3	29.1	5086.3	466442	181.451 ng/ml
Morphine	1.397	44741	3192.4	36.1	1274.0	2906	106.450 ng/ml
Norbuprenorphine	5.058	1435	994.7	105.5	1603.7	7394	9.044 ng/ml
Nordiazepam	5.896	199284	3234.7	52.0	2074.2	64168	114.292 ng/ml
Norfentanyl	4.137	16987	29.3	312.8	280.6	614846	9.821 ng/ml
Noroxycodone	2.994	257997	2386.2	48.1	2726.9	77193	112.168 ng/ml
O-desmethyl-tramadol	3.435	1551767	8467.7	6.4	1675.6	807458	101.619 ng/ml
Oxazepam	5.756	140028	2398.9	70.0	567.9	89101	96.777 ng/ml
Oxycodone	2.993	569871	2702.2	34.7	2064.8	242907	103.881 ng/ml
Oxymorphone	1.534	296718	2668.0	51.0	9496.4	103484	107.761 ng/ml
Phentermine	3.841	259273	195.1	8.7	263.2	329592	113.462 ng/ml
Promethazine	5.591	1131456	7632.7	39.3	2115.0	527615	103.415 ng/ml
Quetiapine	5.686	364572	7325.6	60.3	5993.1	43181	110.644 ng/ml
Sertraline	5.792	126016	708.9	96.4	7499.9	48756	103.972 ng/ml
Temazepam	5.818	367642	2624.6	35.7	198.8	163013	102.048 ng/ml
Tramadol	4.303	1920031	3284.1	3.2	227.0	895299	108.462 ng/ml
Trazodone	5.588	779741	52421.9	80.3	25274.7	361429	107.513 ng/ml
Venlafaxine	5.097	1185147	65128.5	40.1	671.3	767546	104.731 ng/ml
Zolpidem	5.413	1431616	7521.3	30.8	5482.3	760508	102.282 ng/ml

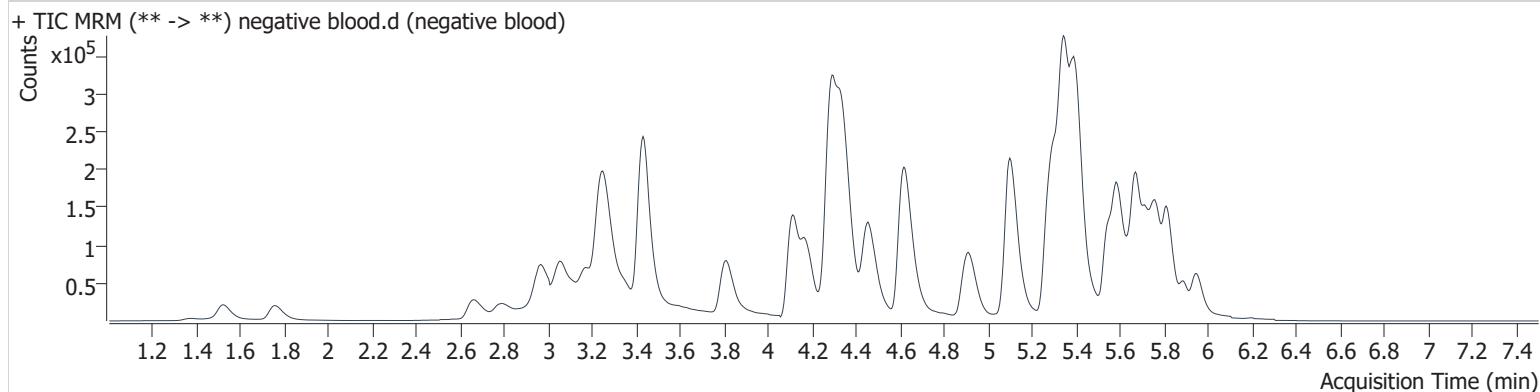
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-A4	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 1:23:28 PM		
Sample Info.			

Sample Chromatogram



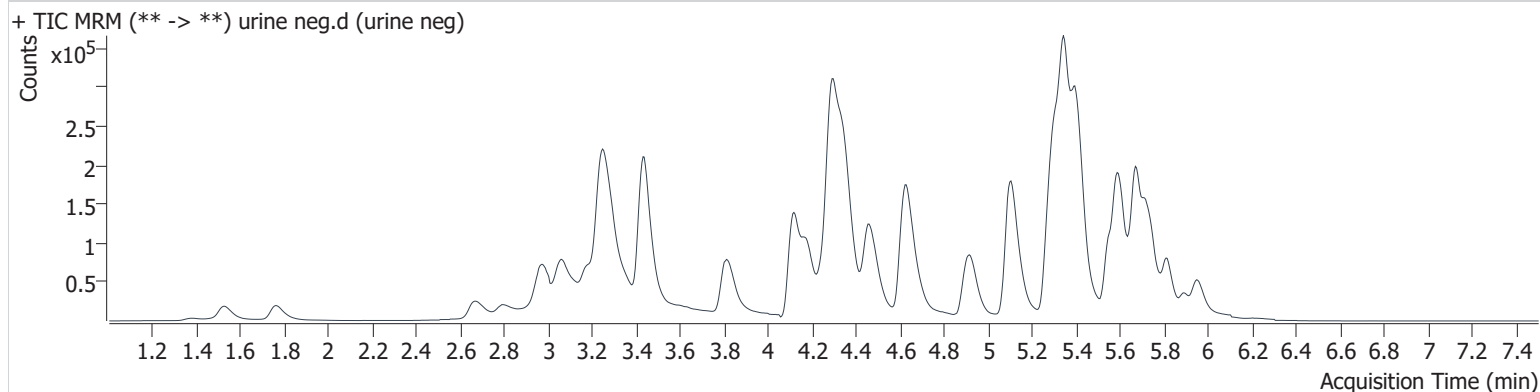
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	urine neg.d
Type	Sample	Sample	urine neg
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-G3	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 3:43:43 PM		
Sample Info.			

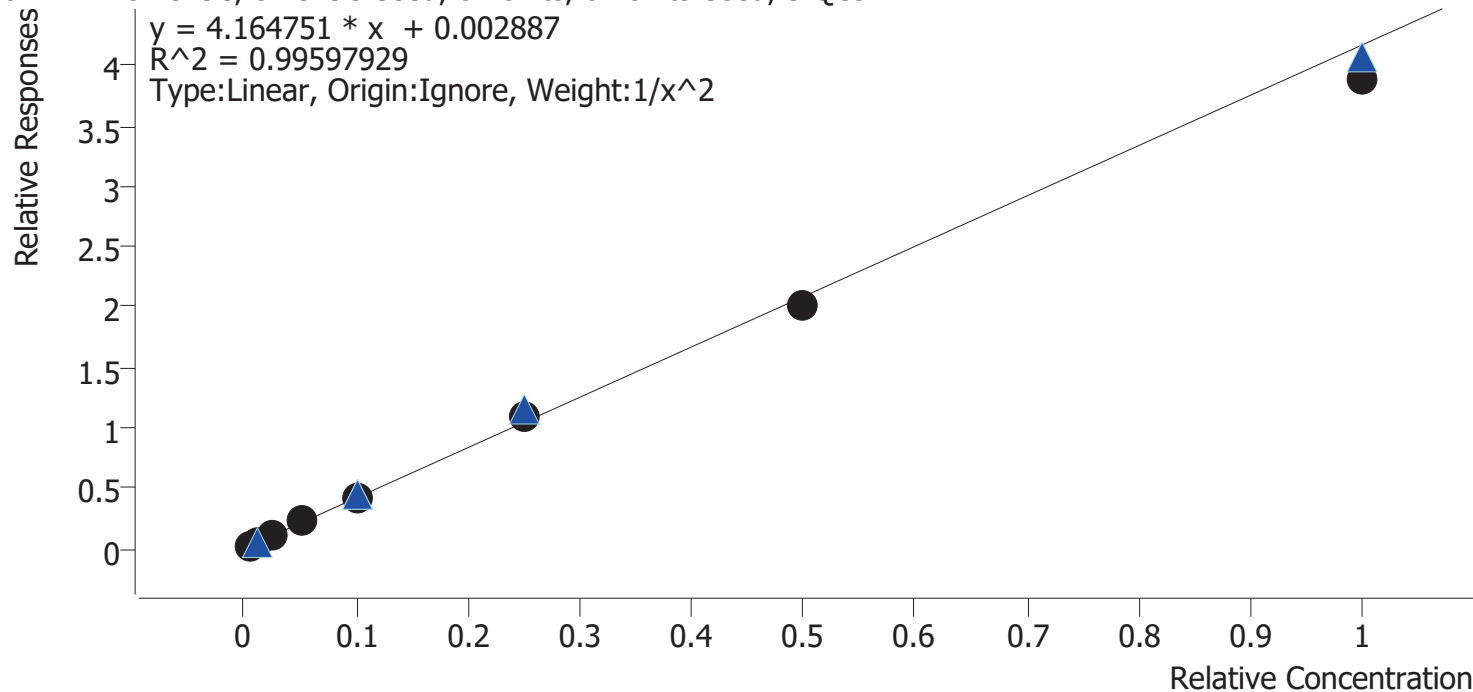
Sample Chromatogram





Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	6-MAM	Internal Standard	6-MAM-D6

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



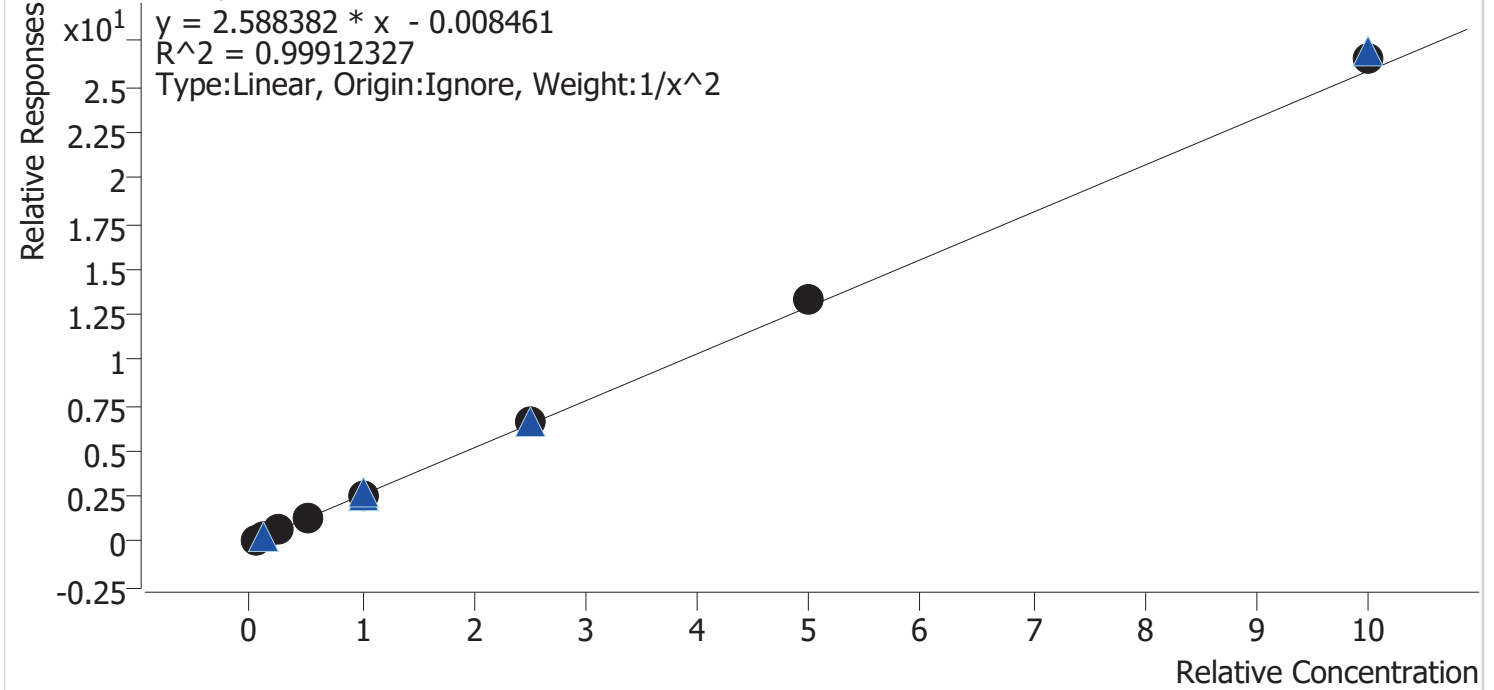
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.6
cal 2 mdq	2	✓	1.0	0.9	92.1
cal 3 mdq	3	✓	2.5	2.6	102.6
cal 4 mdq	4	✓	5.0	5.4	107.2
cal 5 mdq	5	✓	10.0	10.1	101.5
cal 6 mdq	6	✓	25.0	26.2	104.7
cal 7 mdq	7	✓	50.0	47.9	95.9
cal 8 mdq	8	✓	100.0	93.4	93.4

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	7-aminoclonazepam	Internal Standard	7-Aminoclonazepam-D4

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

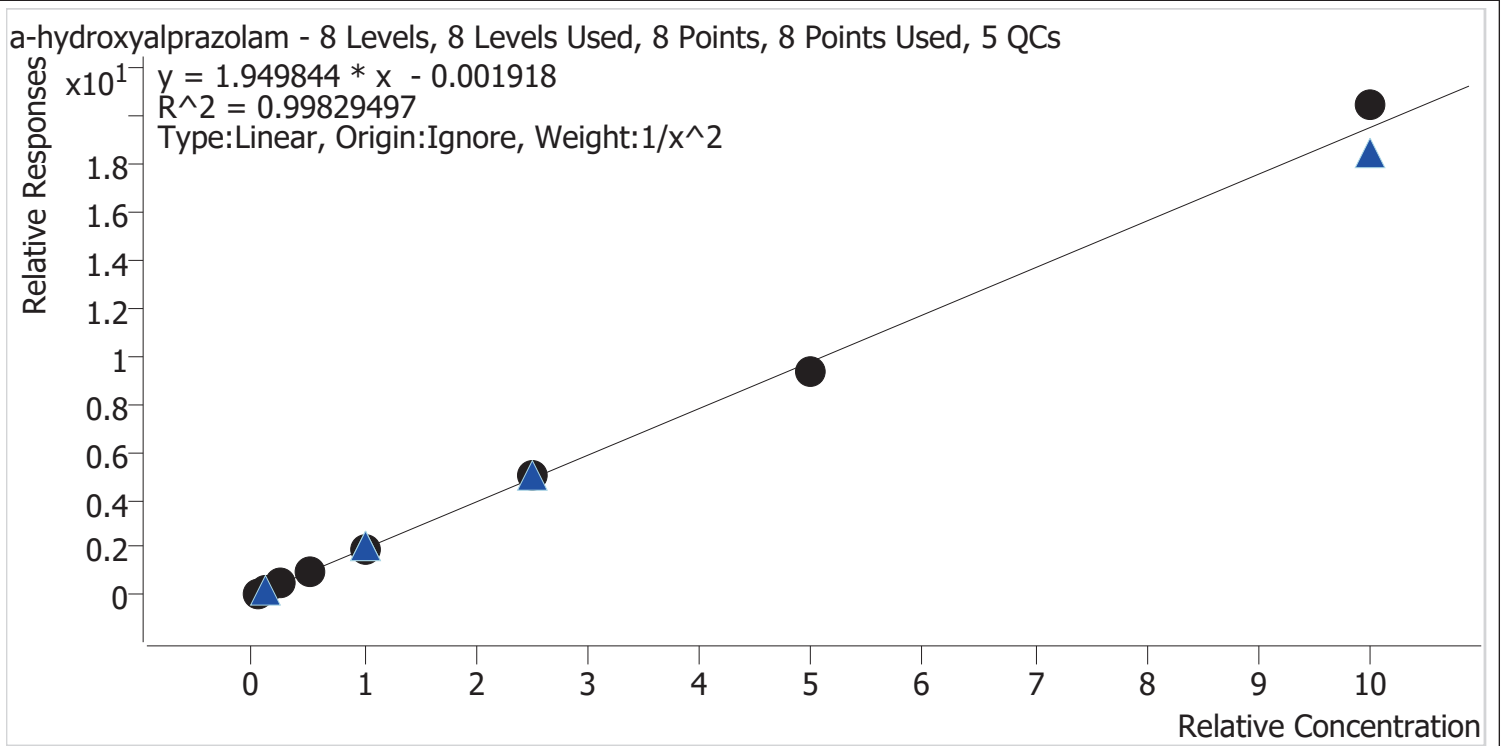


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	49.2	98.4
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	252.3	100.9
cal 7 mdq	7	✓	500.0	514.4	102.9
cal 8 mdq	8	✓	1000.0	1030.5	103.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



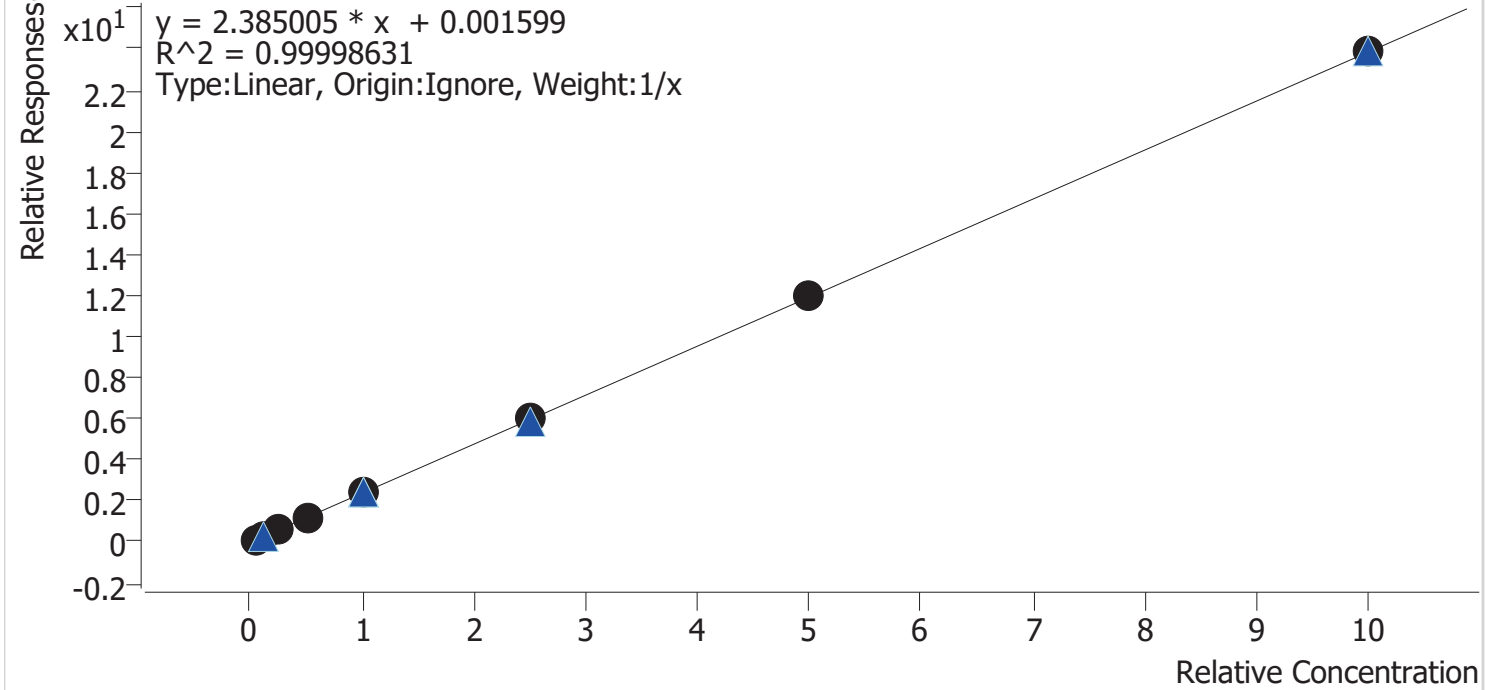
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	23.5	94.1
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	256.0	102.4
cal 7 mdq	7	✓	500.0	482.1	96.4
cal 8 mdq	8	✓	1000.0	1047.4	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



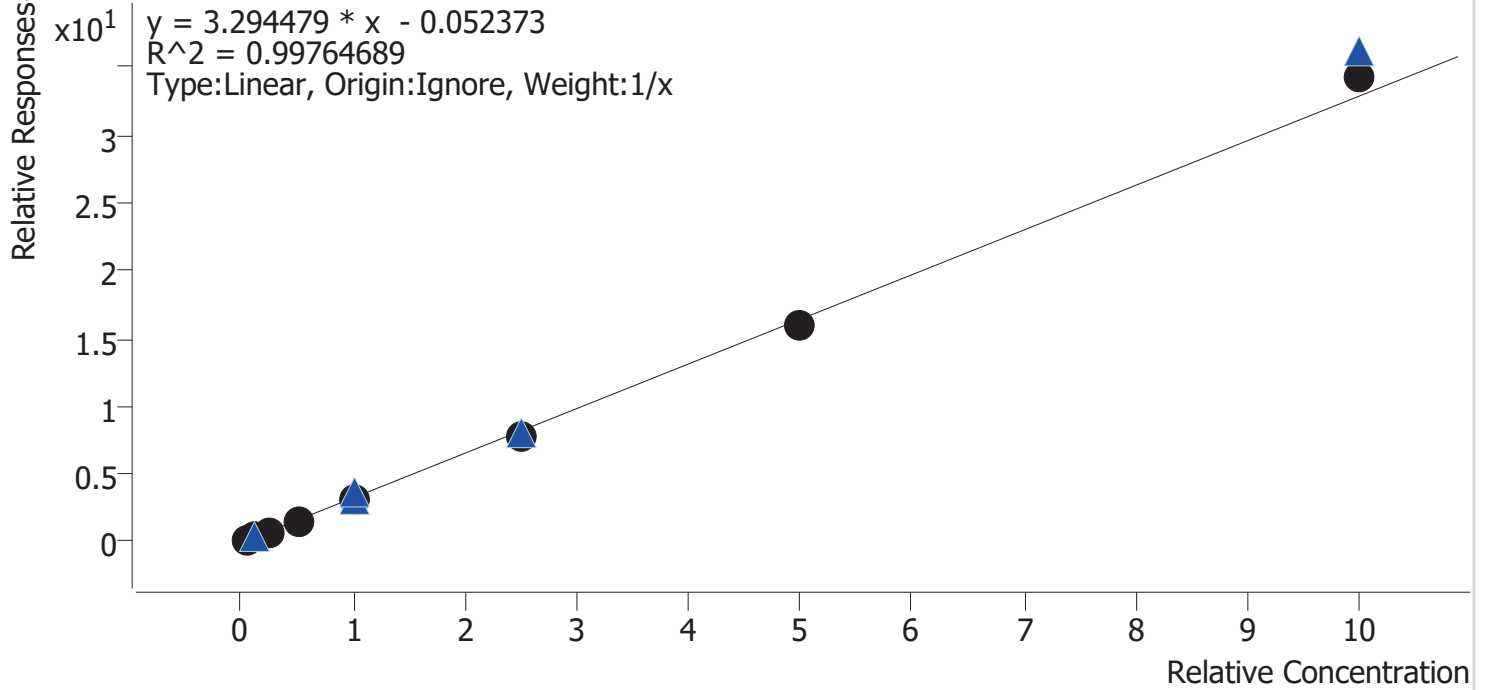
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	499.6	99.9
cal 8 mdq	8	✓	1000.0	999.7	100.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



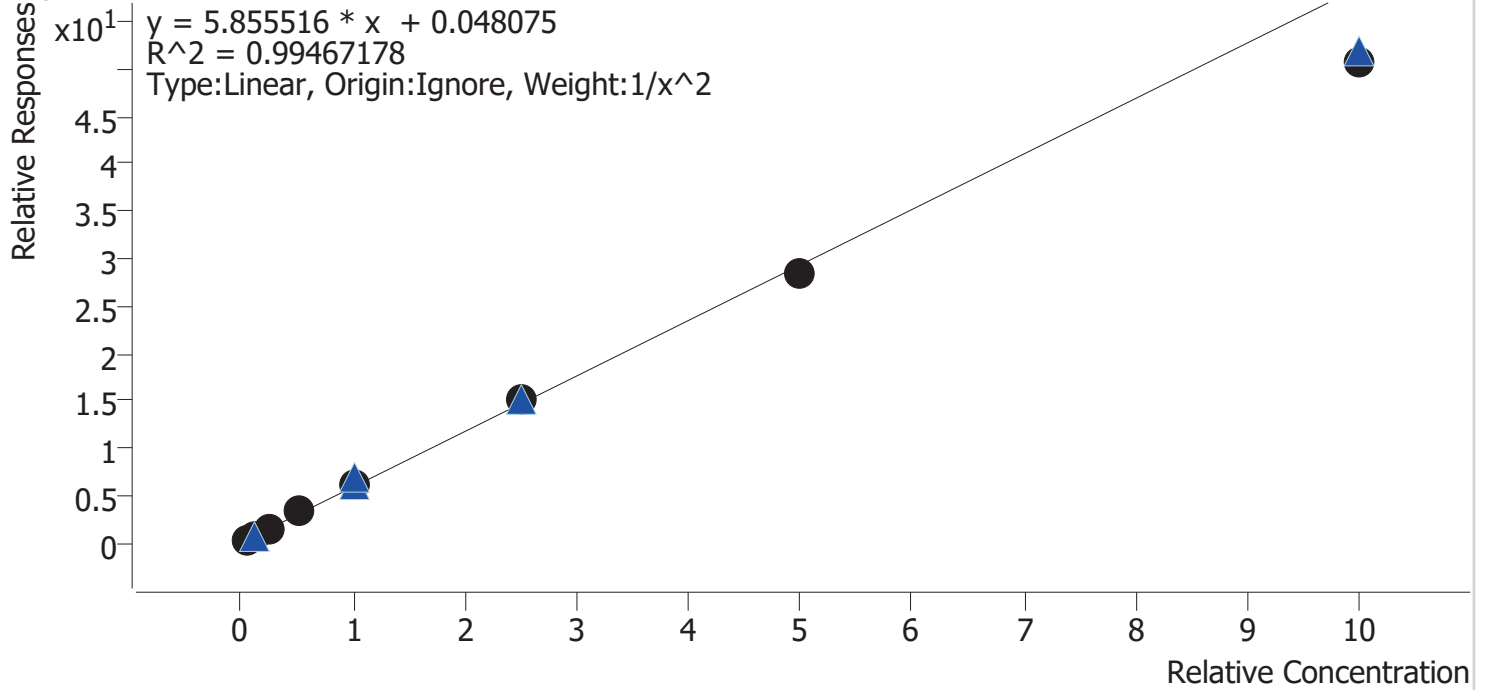
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.2	124.2
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	23.6	94.2
cal 4 mdq	4	✓	50.0	45.9	91.8
cal 5 mdq	5	✓	100.0	92.5	92.5
cal 6 mdq	6	✓	250.0	235.5	94.2
cal 7 mdq	7	✓	500.0	485.5	97.1
cal 8 mdq	8	✓	1000.0	1040.6	104.1

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Amphetamine	Internal Standard	Amphetamine-D11

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



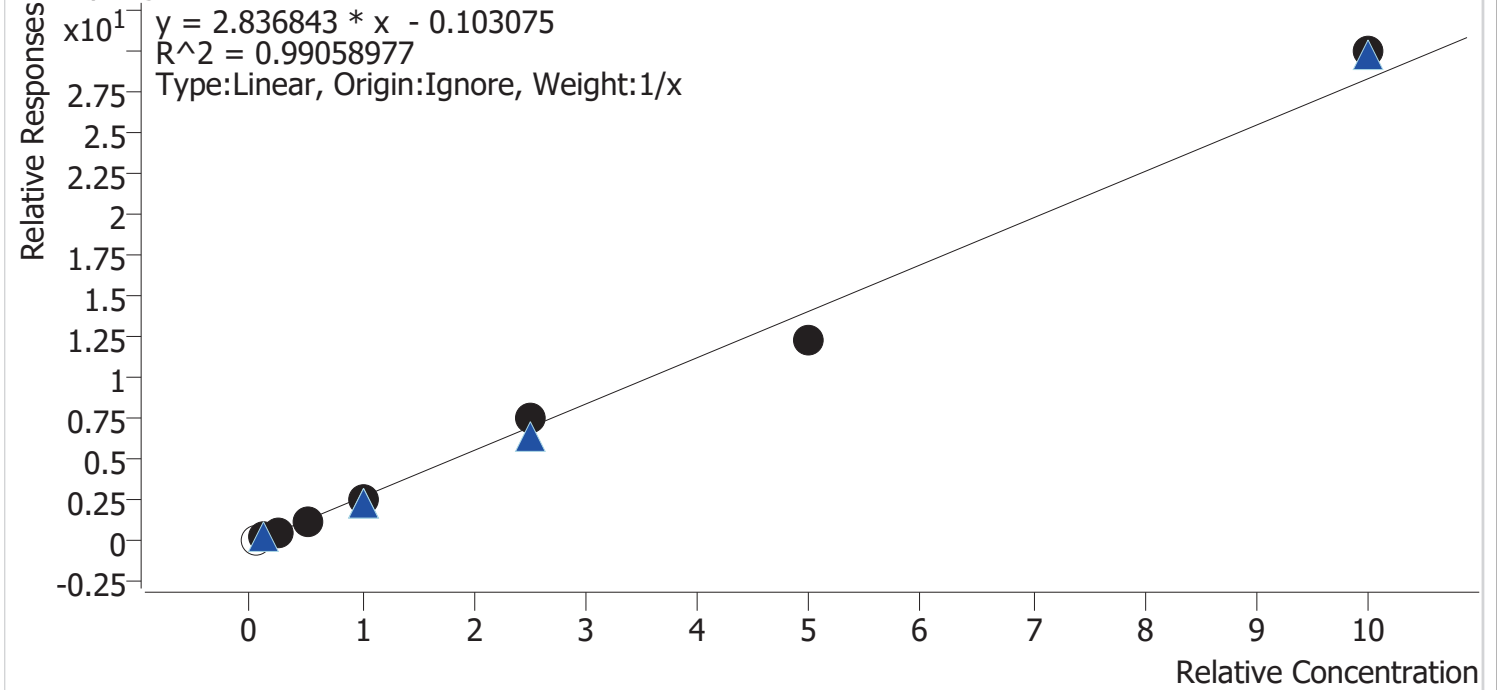
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	54.0	107.9
cal 5 mdq	5	✓	100.0	104.5	104.5
cal 6 mdq	6	✓	250.0	258.5	103.4
cal 7 mdq	7	✓	500.0	487.7	97.5
cal 8 mdq	8	✓	1000.0	866.6	86.7

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Benzoylecgonine	Internal Standard	Benzoylecgonine-d8

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



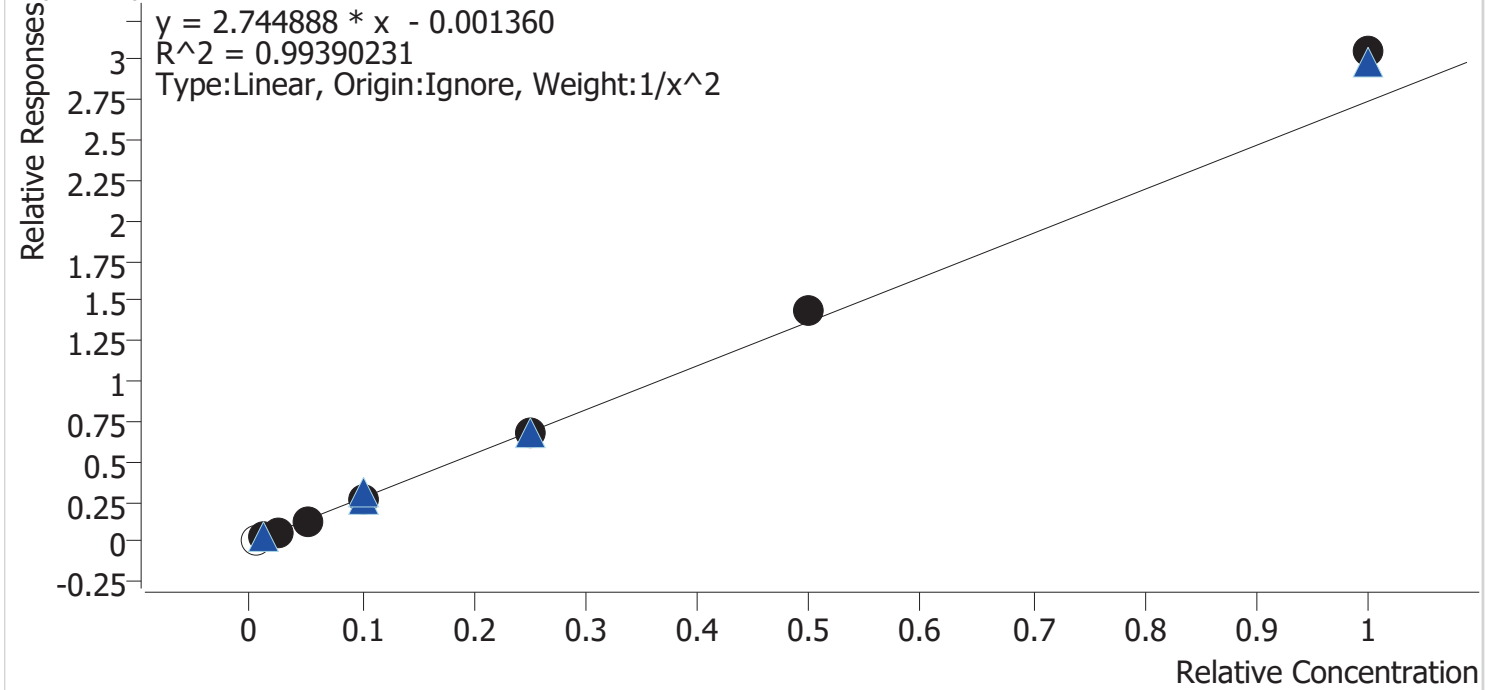
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	×	5.0	8.1	161.4
cal 2 mdq	2	✓	10.0	12.1	120.9
cal 3 mdq	3	✓	25.0	24.8	99.4
cal 4 mdq	4	✓	50.0	43.2	86.4
cal 5 mdq	5	✓	100.0	92.6	92.6
cal 6 mdq	6	✓	250.0	270.4	108.1
cal 7 mdq	7	✓	500.0	433.7	86.7
cal 8 mdq	8	✓	1000.0	1058.2	105.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



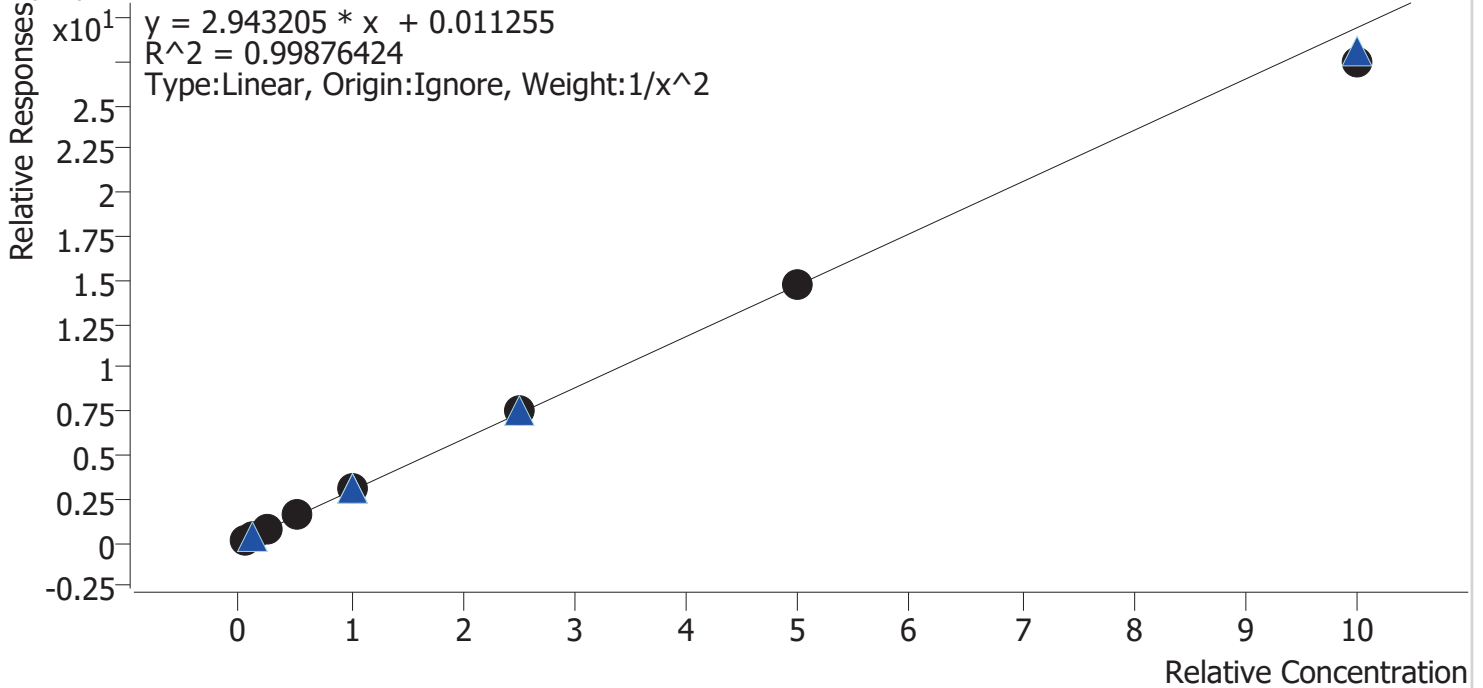
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	×	0.5	0.5	105.5
cal 2 mdq	2	✓	1.0	1.0	104.0
cal 3 mdq	3	✓	2.5	2.4	94.1
cal 4 mdq	4	✓	5.0	4.7	94.4
cal 5 mdq	5	✓	10.0	9.4	94.1
cal 6 mdq	6	✓	25.0	24.4	97.5
cal 7 mdq	7	✓	50.0	52.3	104.6
cal 8 mdq	8	✓	100.0	111.3	111.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



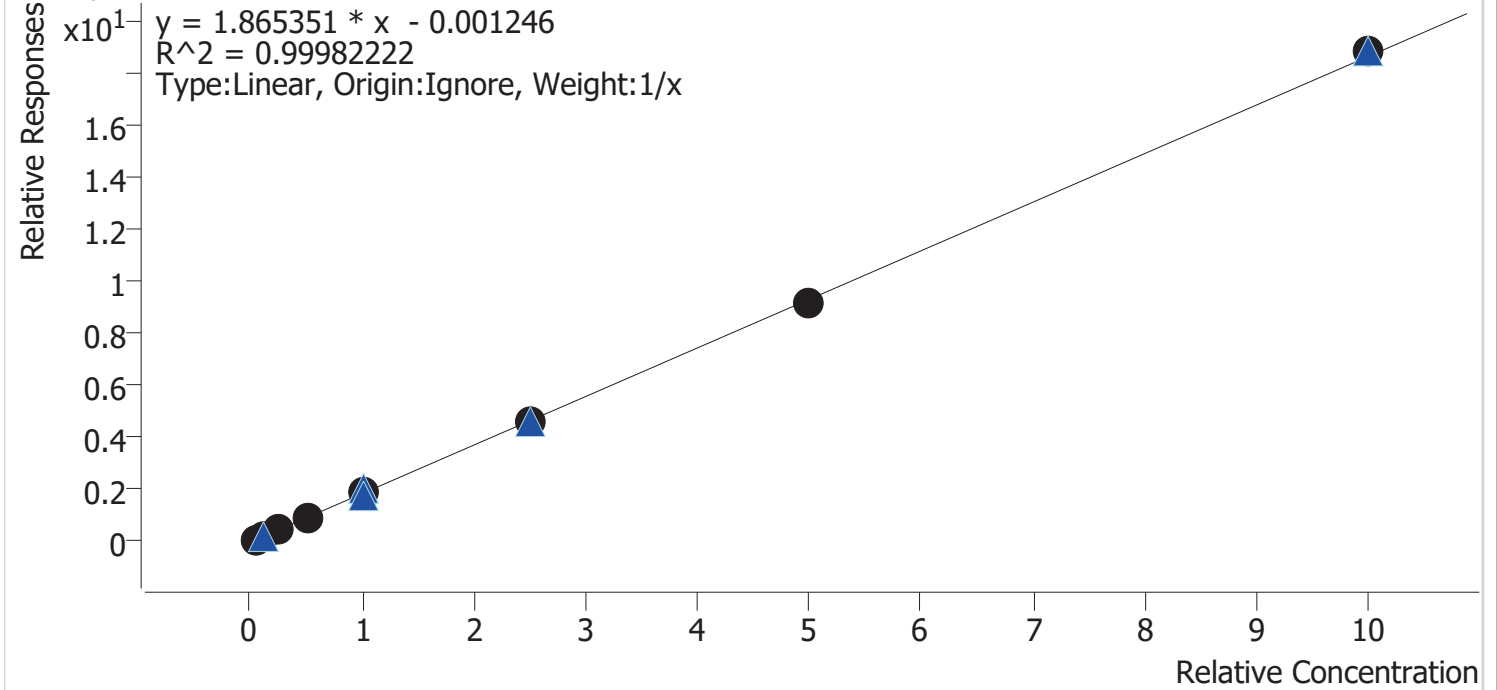
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	252.3	100.9
cal 7 mdq	7	✓	500.0	501.9	100.4
cal 8 mdq	8	✓	1000.0	933.5	93.4

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Carisoprodol	Internal Standard	Carisoprodol-D7

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



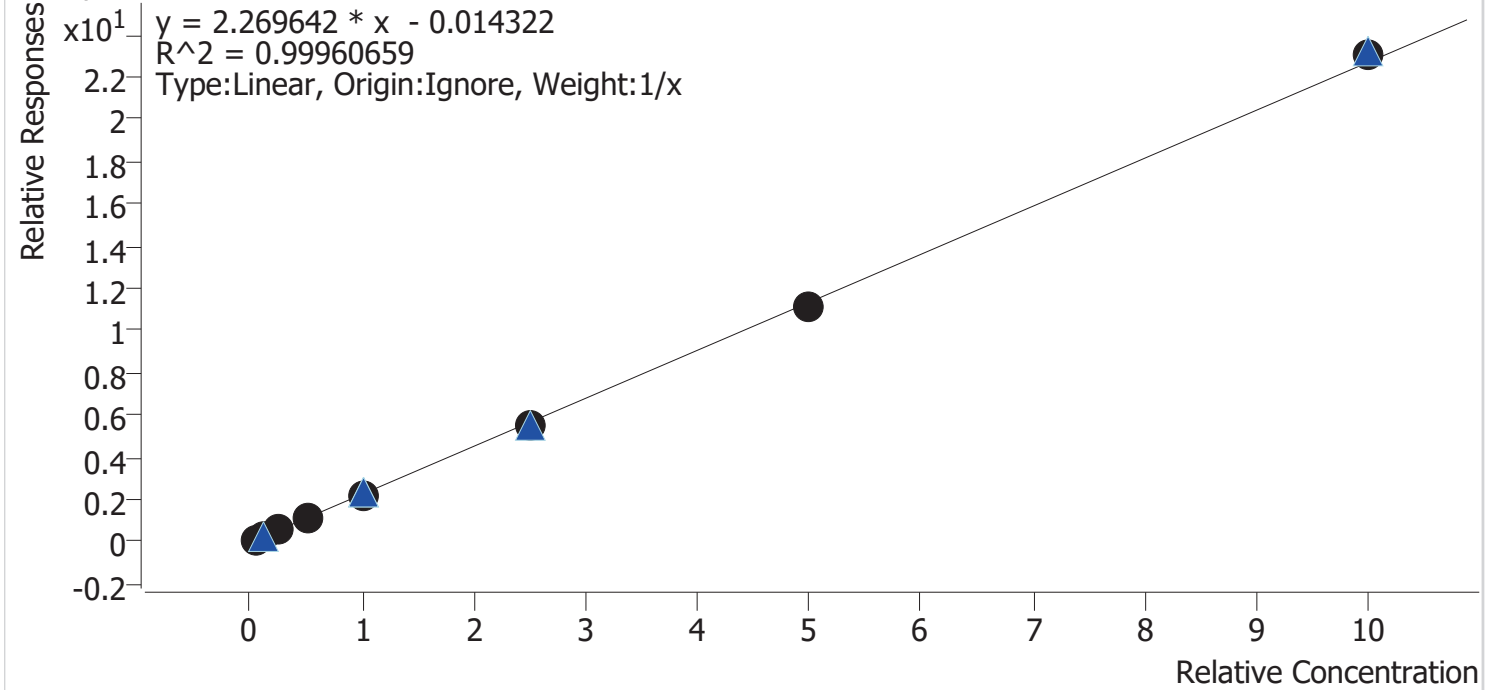
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	51.4	102.7
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	246.7	98.7
cal 7 mdq	7	✓	500.0	492.1	98.4
cal 8 mdq	8	✓	1000.0	1010.1	101.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



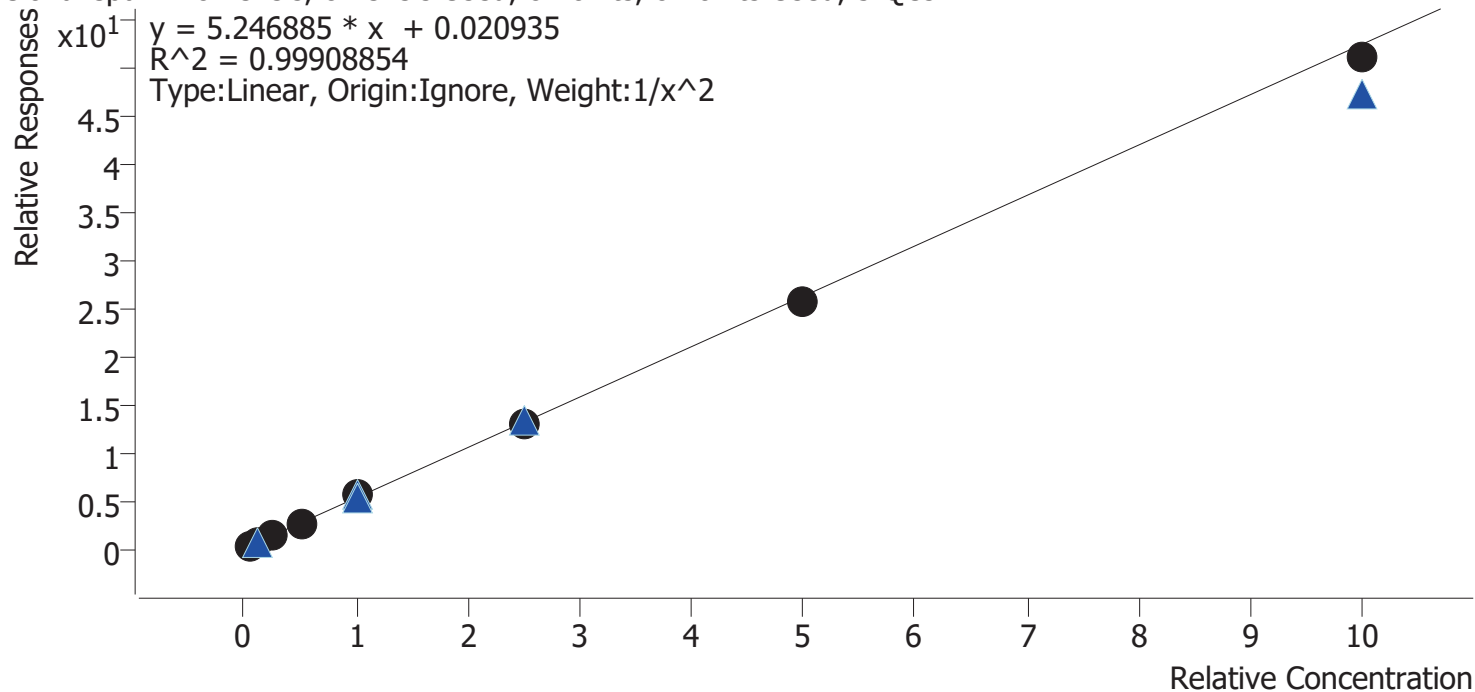
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.9
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	241.7	96.7
cal 7 mdq	7	✓	500.0	492.0	98.4
cal 8 mdq	8	✓	1000.0	1016.2	101.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



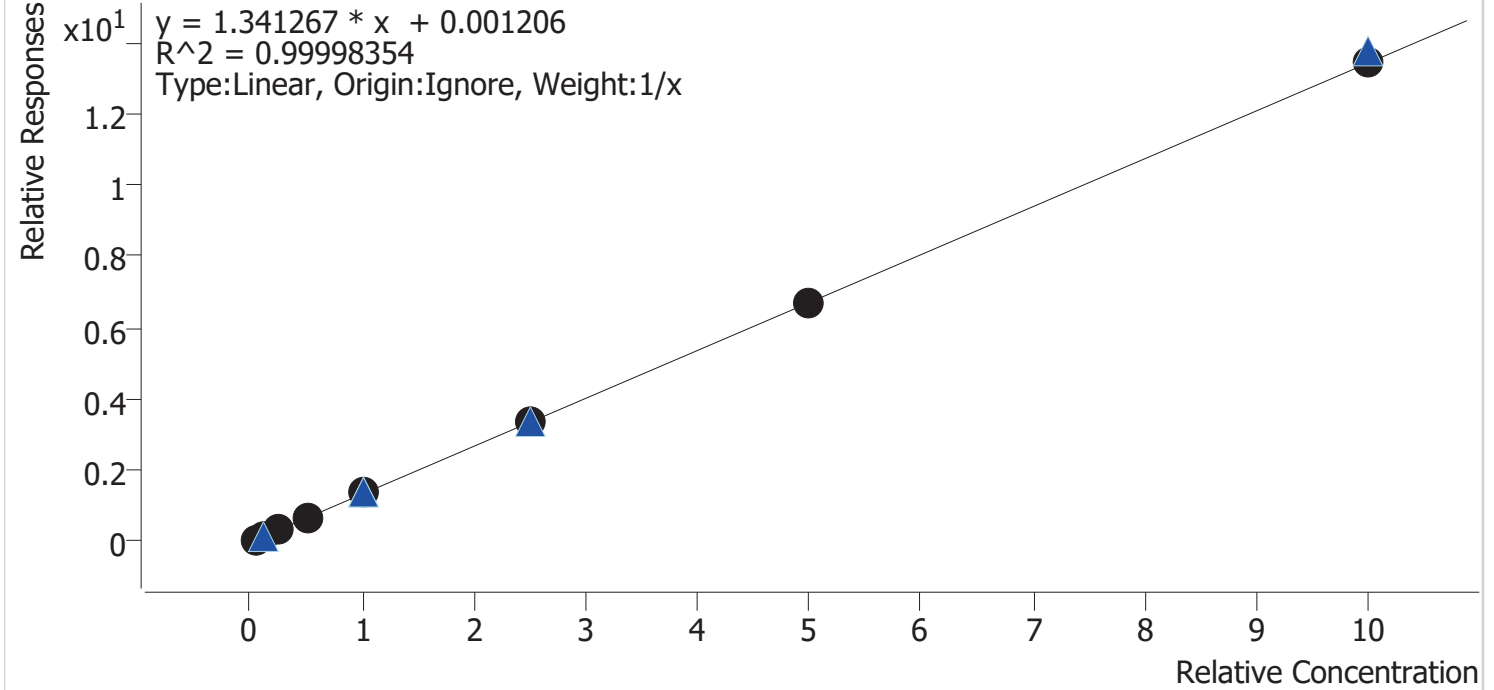
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	25.2	100.6
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	490.2	98.0
cal 8 mdq	8	✓	1000.0	973.5	97.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



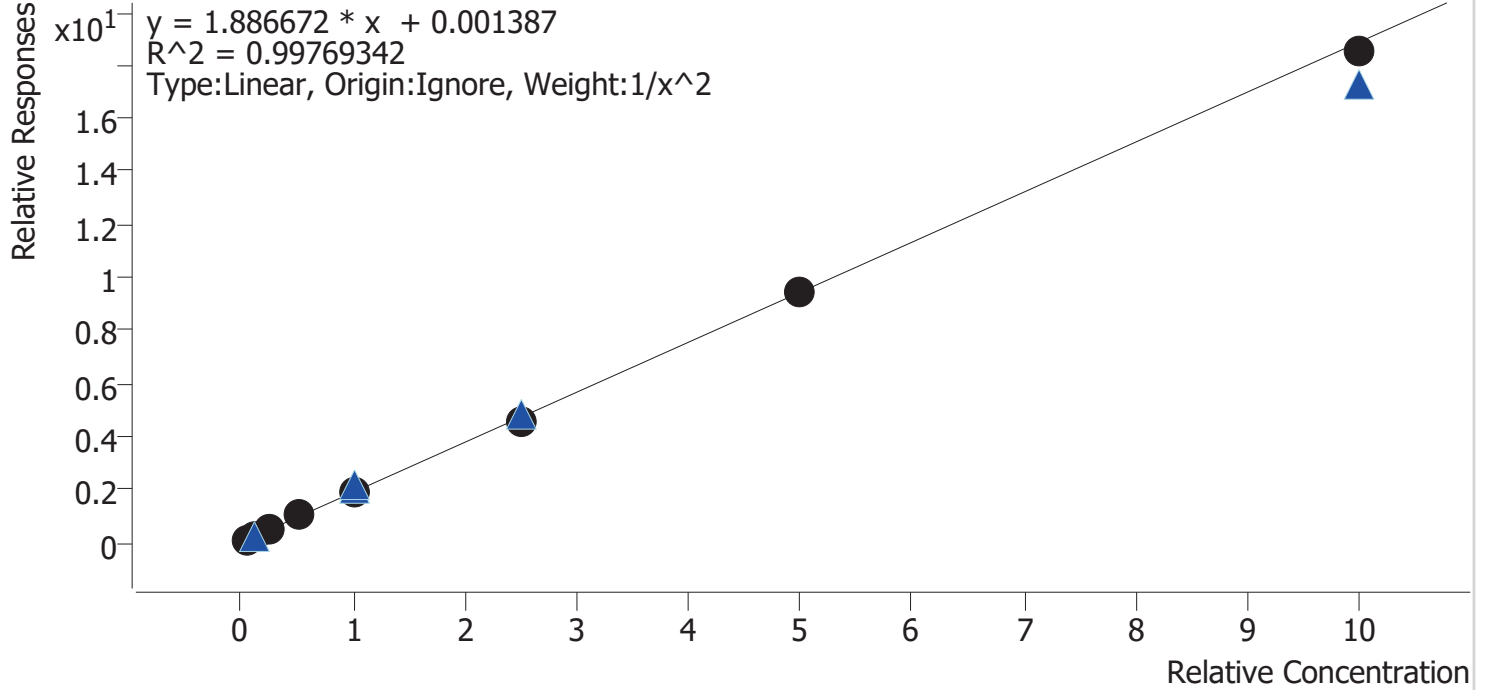
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	498.9	99.8
cal 8 mdq	8	✓	1000.0	1001.9	100.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



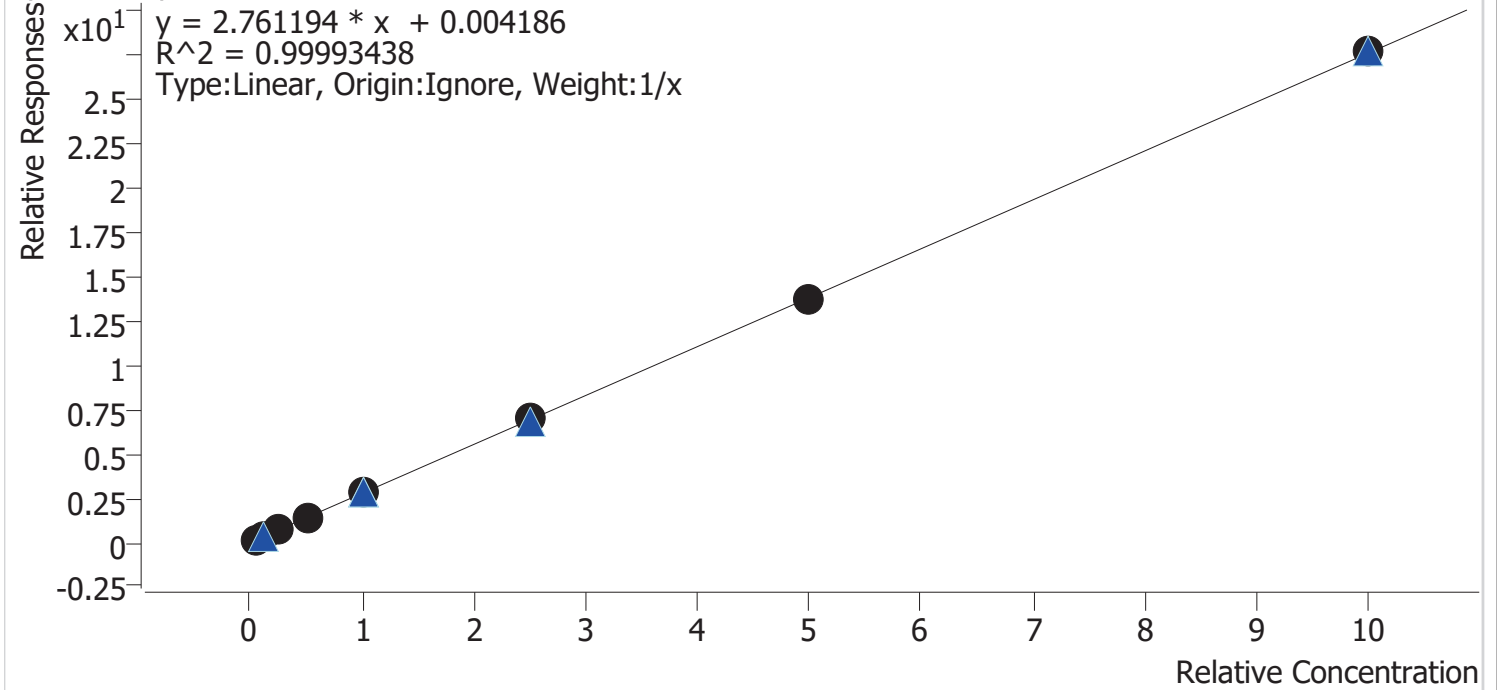
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	54.0	108.1
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	242.4	97.0
cal 7 mdq	7	✓	500.0	502.2	100.4
cal 8 mdq	8	✓	1000.0	981.0	98.1

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Cyclobenzaprine	Internal Standard	Cyclobenzaprine-D3

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



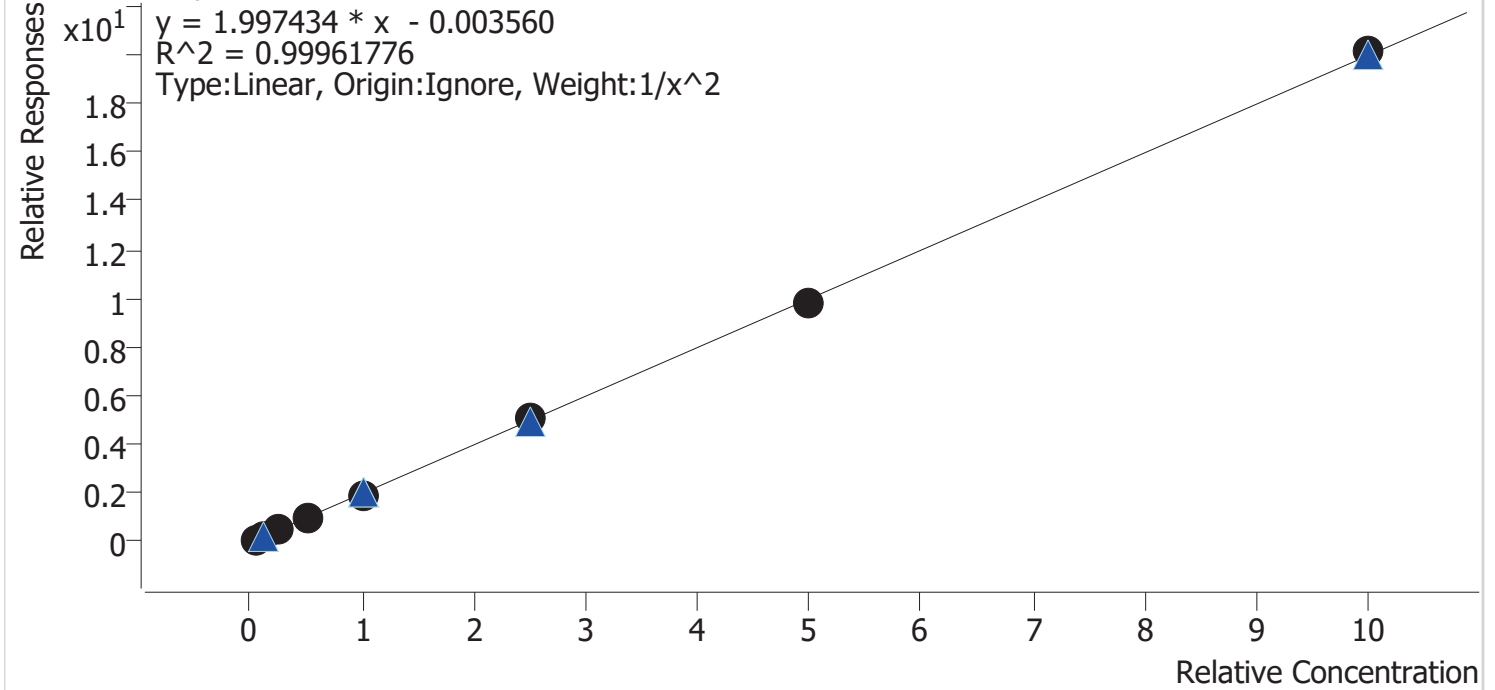
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	253.0	101.2
cal 7 mdq	7	✓	500.0	494.6	98.9
cal 8 mdq	8	✓	1000.0	1002.0	100.2

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Dextromethorphan	Internal Standard	Dextromethorphan-D3

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



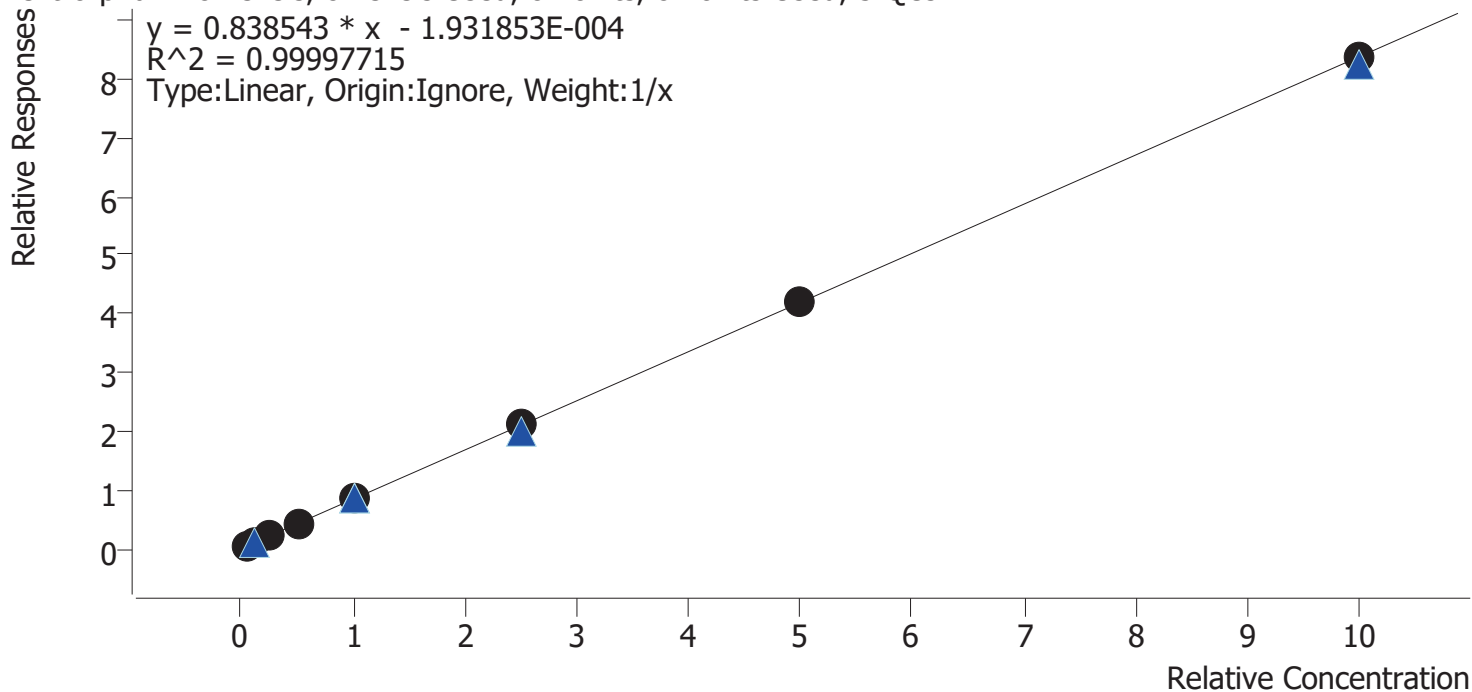
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	253.0	101.2
cal 7 mdq	7	✓	500.0	487.9	97.6
cal 8 mdq	8	✓	1000.0	1008.1	100.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



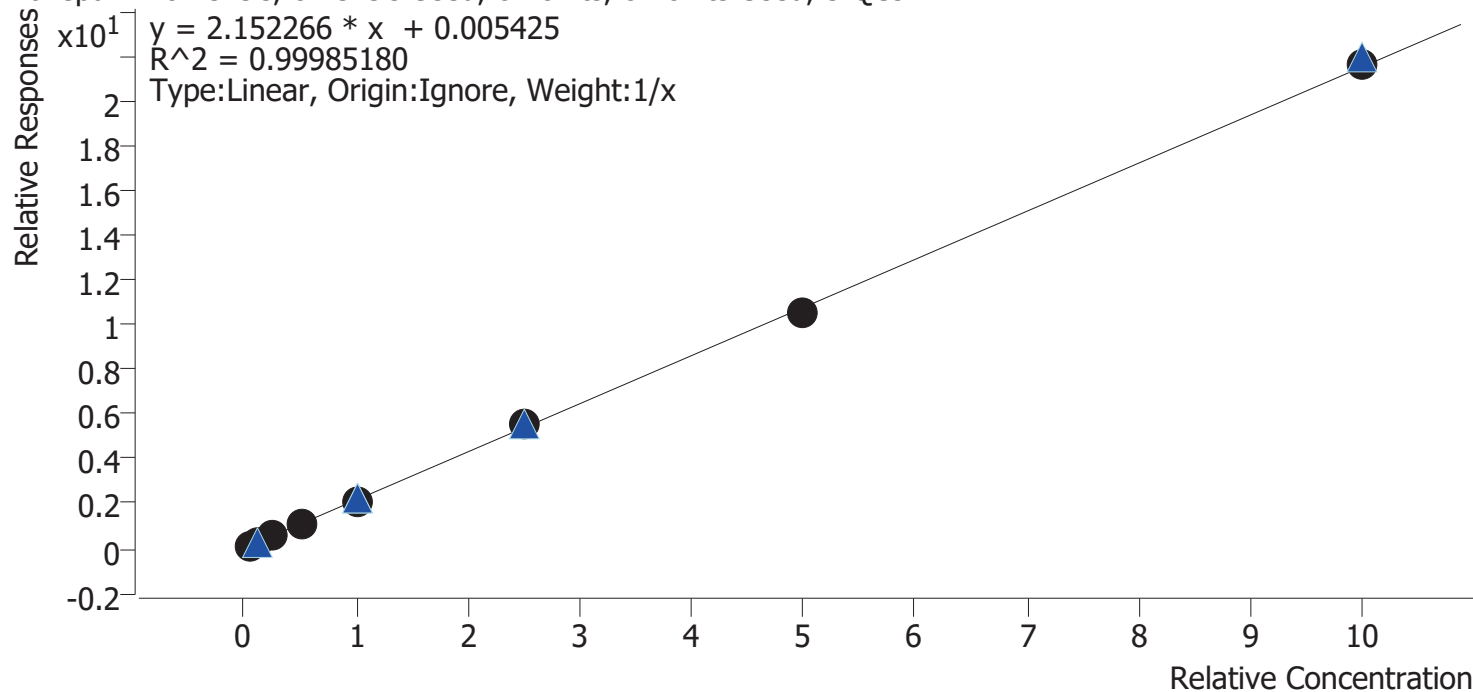
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	24.7	98.6
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	500.6	100.1
cal 8 mdq	8	✓	1000.0	998.3	99.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



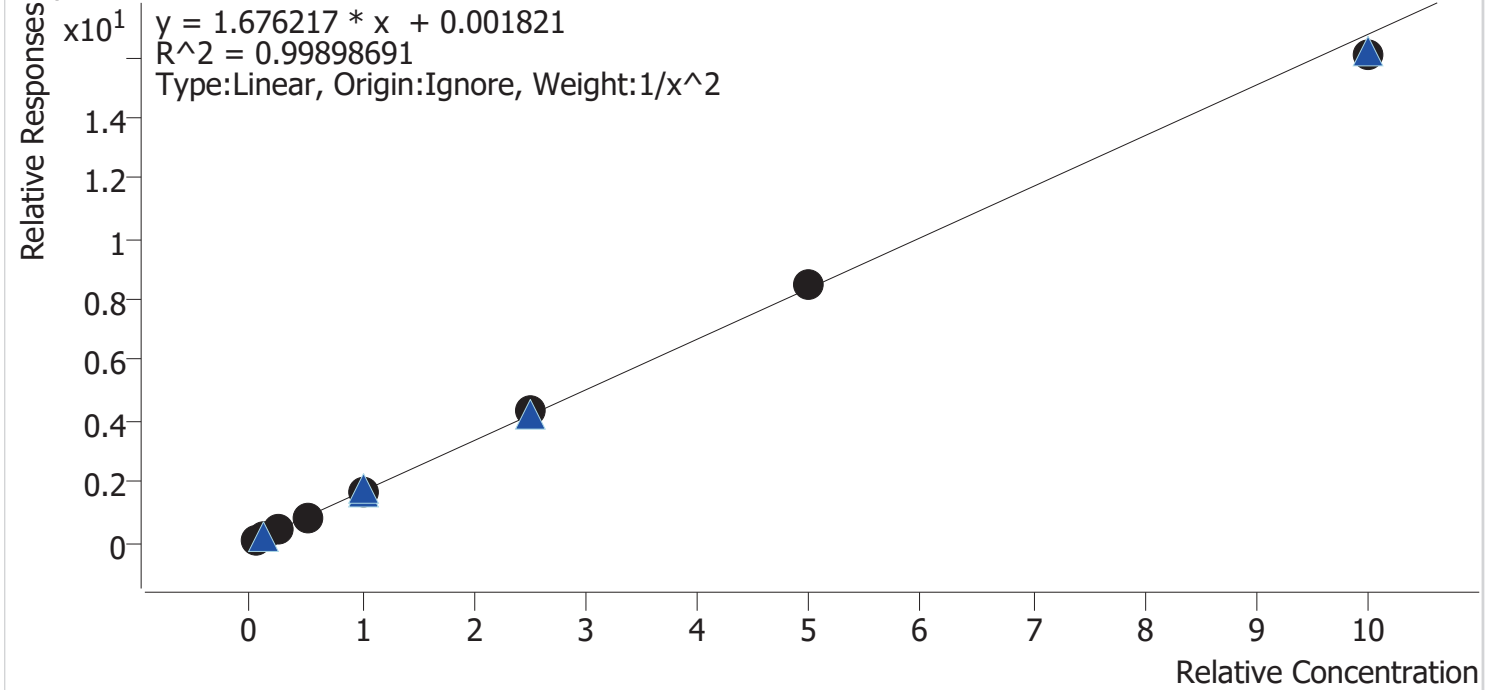
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	51.6	103.1
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	254.6	101.8
cal 7 mdq	7	✓	500.0	492.3	98.5
cal 8 mdq	8	✓	1000.0	1002.4	100.2

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Dihydrocodeine	Internal Standard	Dihydrocodeine-D6

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



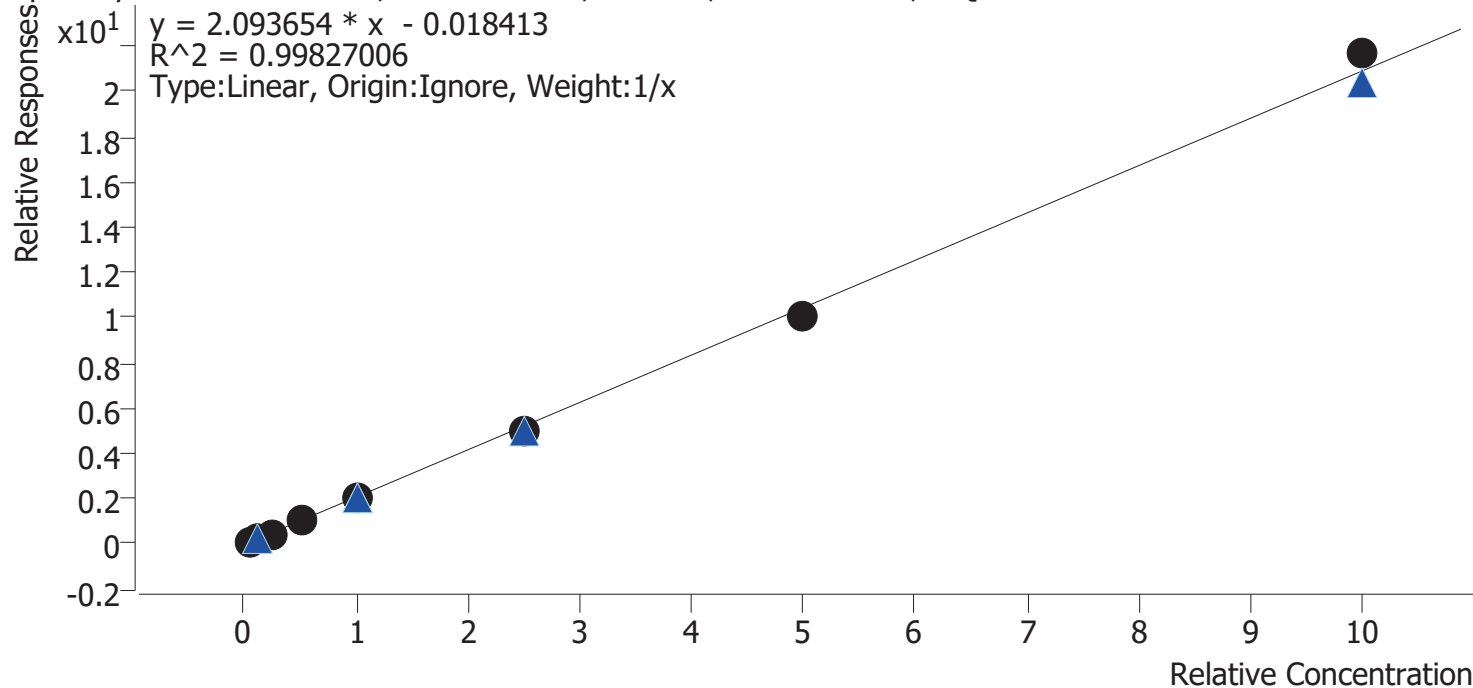
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	261.3	104.5
cal 7 mdq	7	✓	500.0	506.4	101.3
cal 8 mdq	8	✓	1000.0	960.4	96.0

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Diphenhydramine	Internal Standard	Diphenhydramine-D3

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



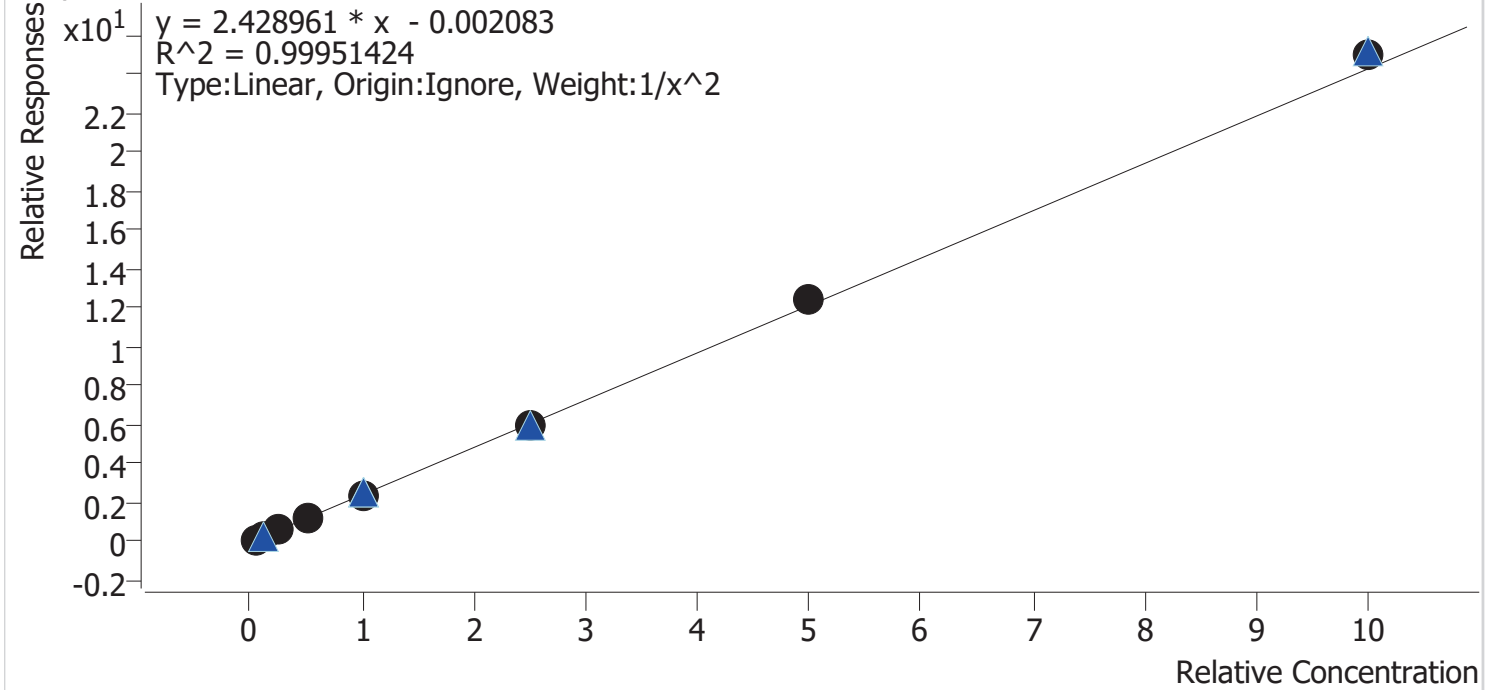
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.8	116.2
cal 2 mdq	2	✓	10.0	10.3	102.6
cal 3 mdq	3	✓	25.0	23.8	95.2
cal 4 mdq	4	✓	50.0	47.9	95.9
cal 5 mdq	5	✓	100.0	94.8	94.8
cal 6 mdq	6	✓	250.0	237.9	95.2
cal 7 mdq	7	✓	500.0	482.9	96.6
cal 8 mdq	8	✓	1000.0	1036.6	103.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



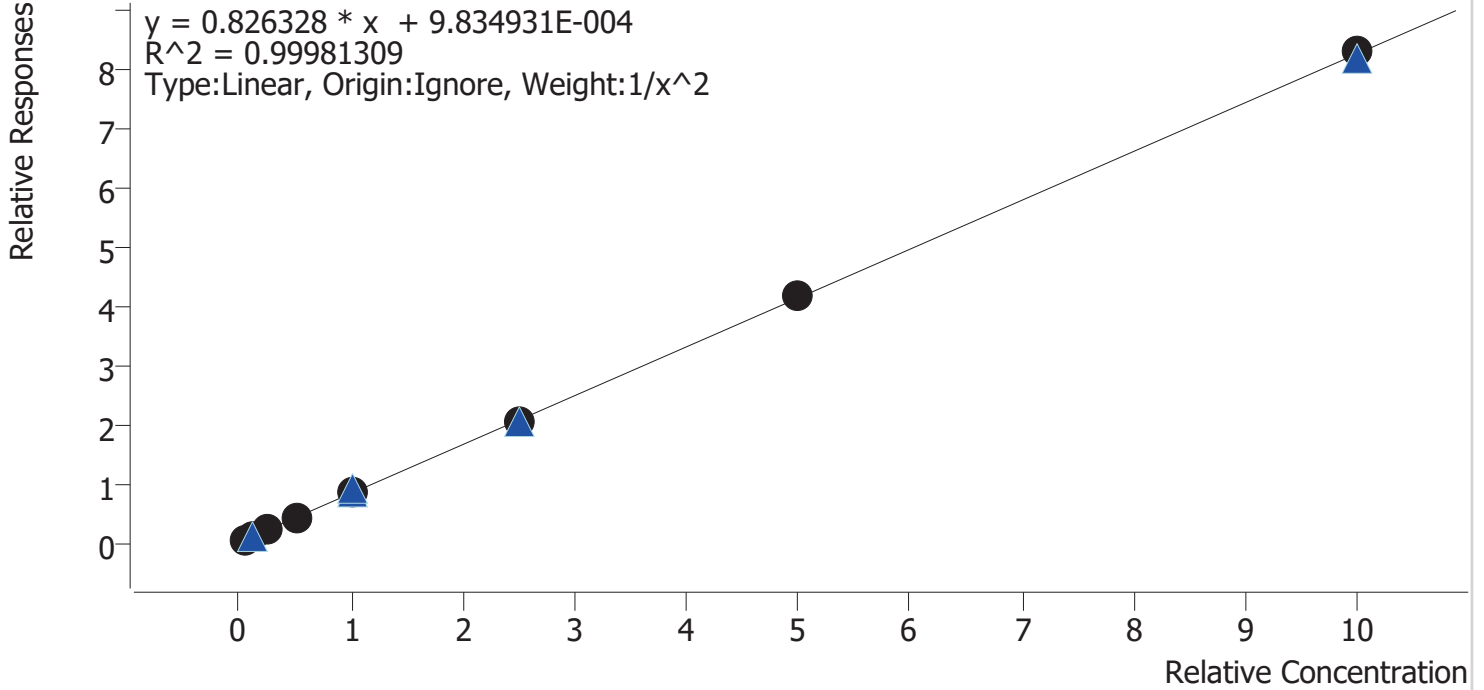
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	248.9	99.5
cal 7 mdq	7	✓	500.0	509.5	101.9
cal 8 mdq	8	✓	1000.0	1031.5	103.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

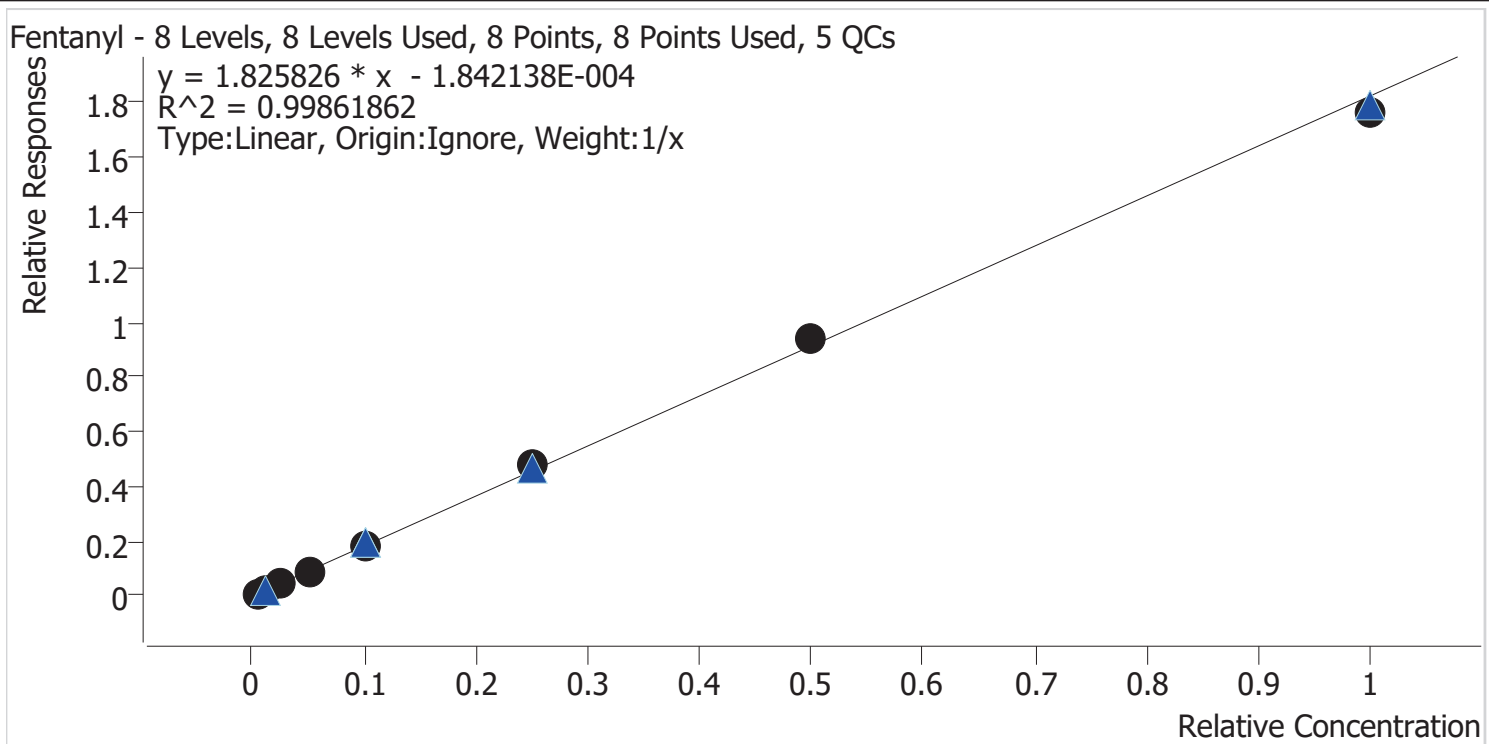
EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	503.1	100.6
cal 8 mdq	8	✓	1000.0	1004.5	100.4



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

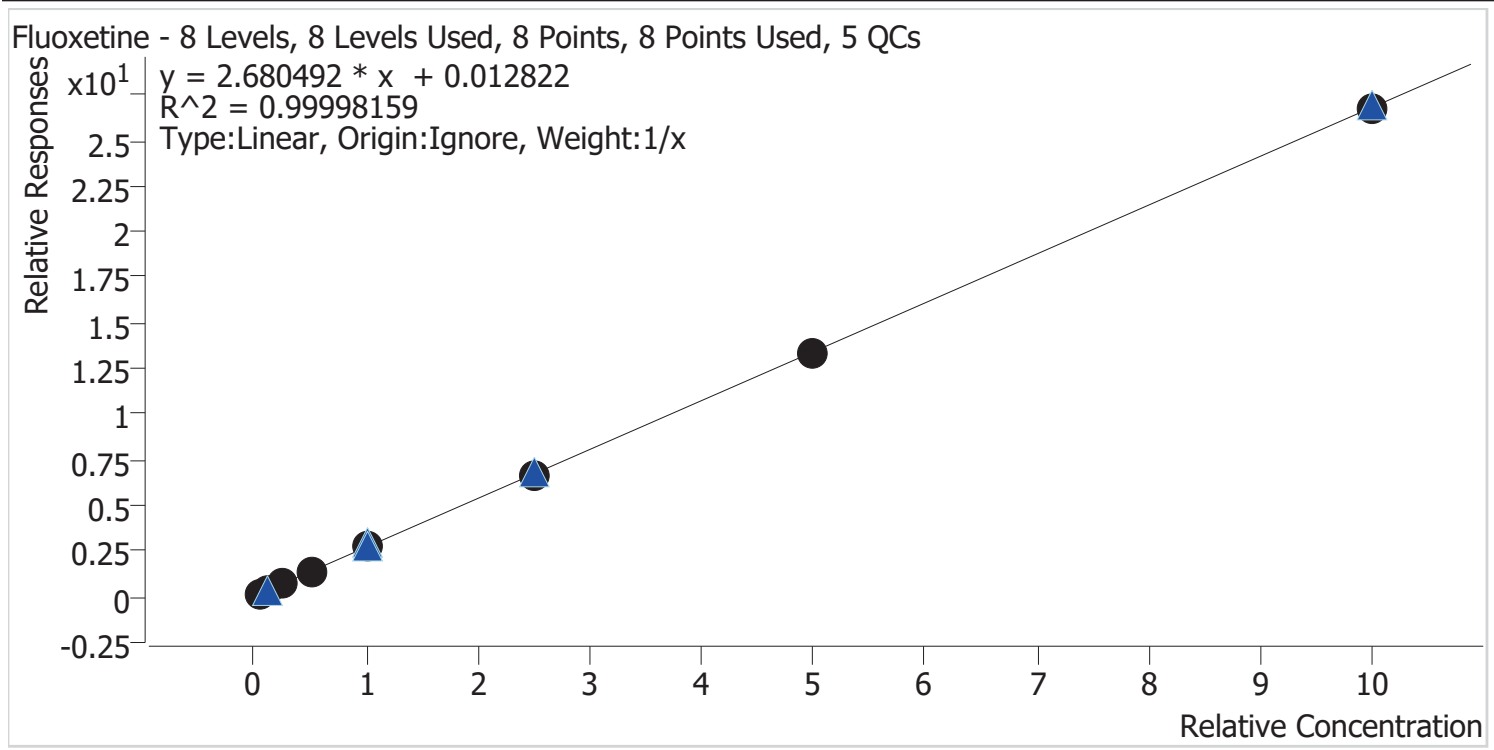


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	92.3
cal 2 mdq	2	✓	1.0	1.1	105.4
cal 3 mdq	3	✓	2.5	2.5	99.2
cal 4 mdq	4	✓	5.0	4.8	95.5
cal 5 mdq	5	✓	10.0	10.1	101.4
cal 6 mdq	6	✓	25.0	26.5	106.2
cal 7 mdq	7	✓	50.0	51.5	103.0
cal 8 mdq	8	✓	100.0	97.1	97.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



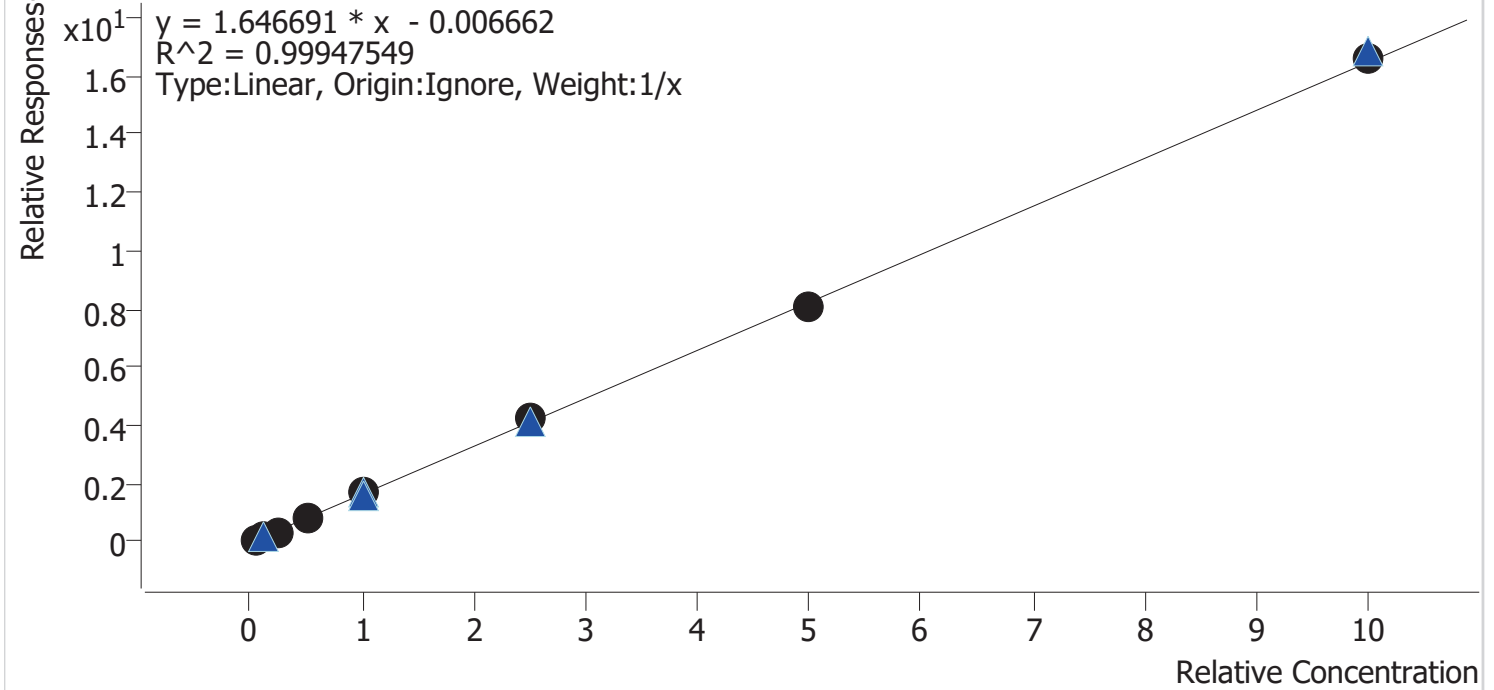
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	500.0	100.0
cal 8 mdq	8	✓	1000.0	1000.7	100.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



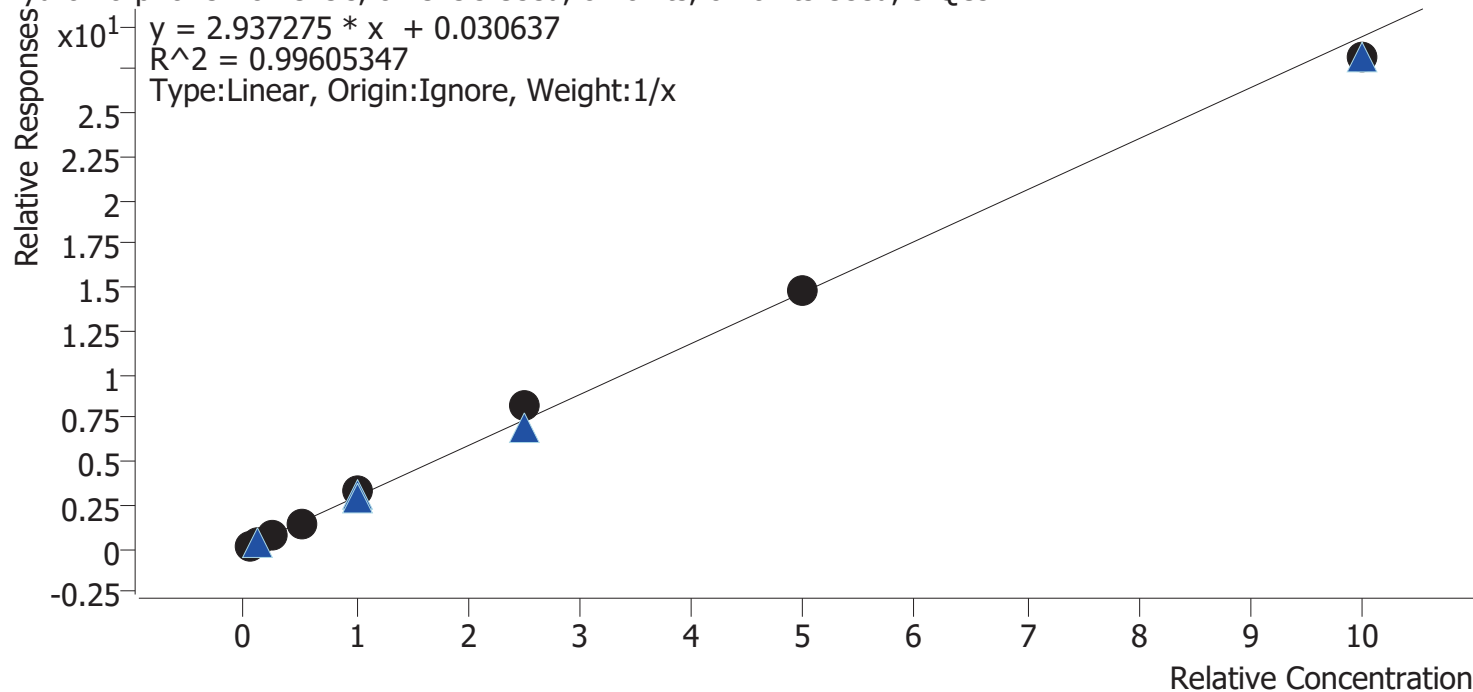
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.2
cal 2 mdq	2	✓	10.0	10.2	102.5
cal 3 mdq	3	✓	25.0	22.1	88.2
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	255.5	102.2
cal 7 mdq	7	✓	500.0	486.9	97.4
cal 8 mdq	8	✓	1000.0	1008.3	100.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



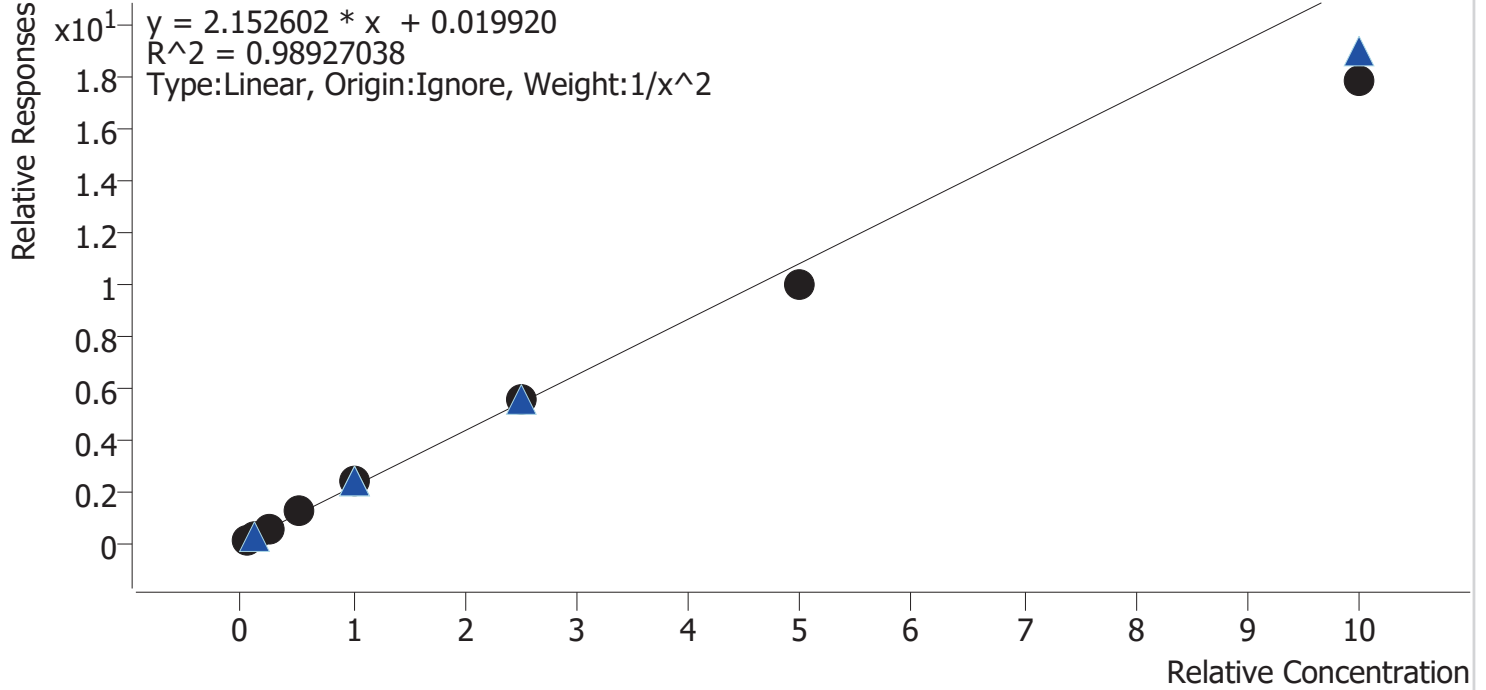
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	89.4
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	110.7	110.7
cal 6 mdq	6	✓	250.0	281.7	112.7
cal 7 mdq	7	✓	500.0	501.5	100.3
cal 8 mdq	8	✓	1000.0	959.0	95.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



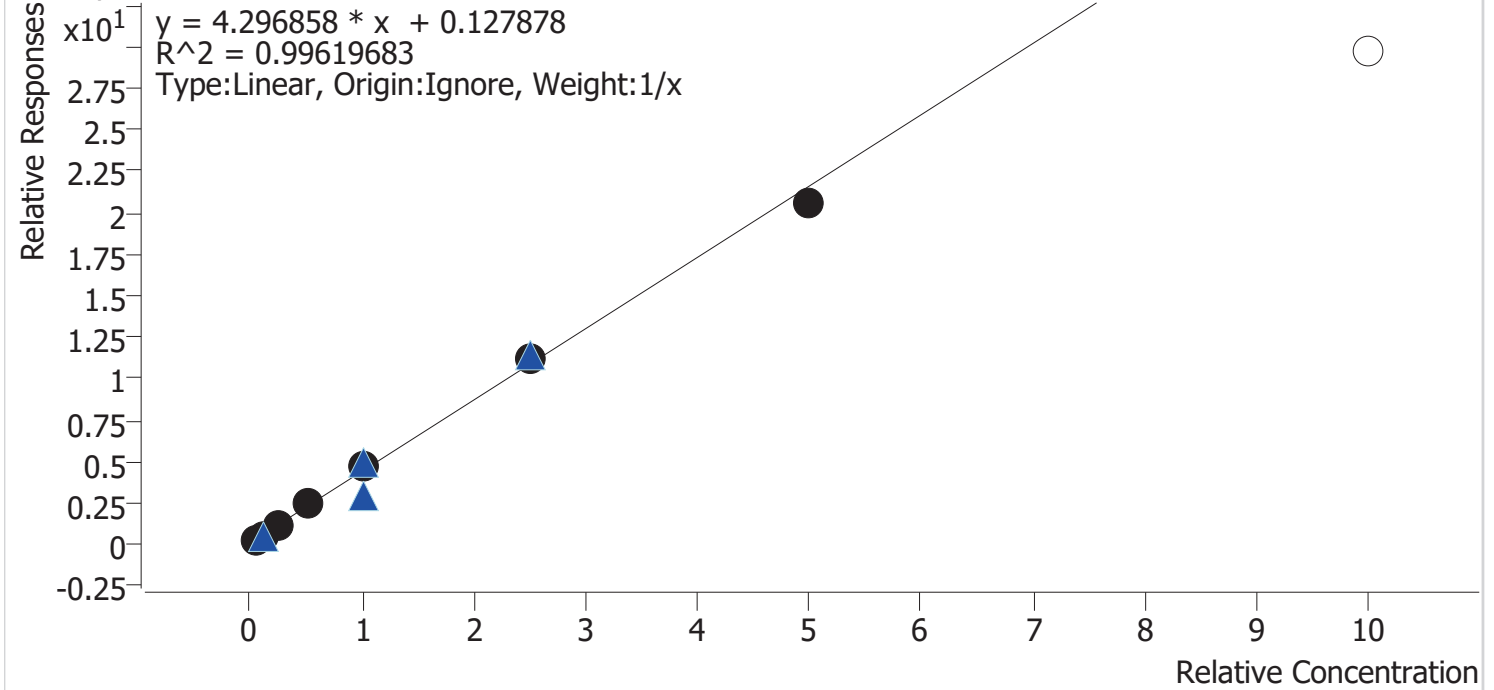
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	26.5	106.0
cal 4 mdq	4	✓	50.0	53.8	107.7
cal 5 mdq	5	✓	100.0	109.1	109.1
cal 6 mdq	6	✓	250.0	256.9	102.8
cal 7 mdq	7	✓	500.0	459.5	91.9
cal 8 mdq	8	✓	1000.0	830.0	83.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



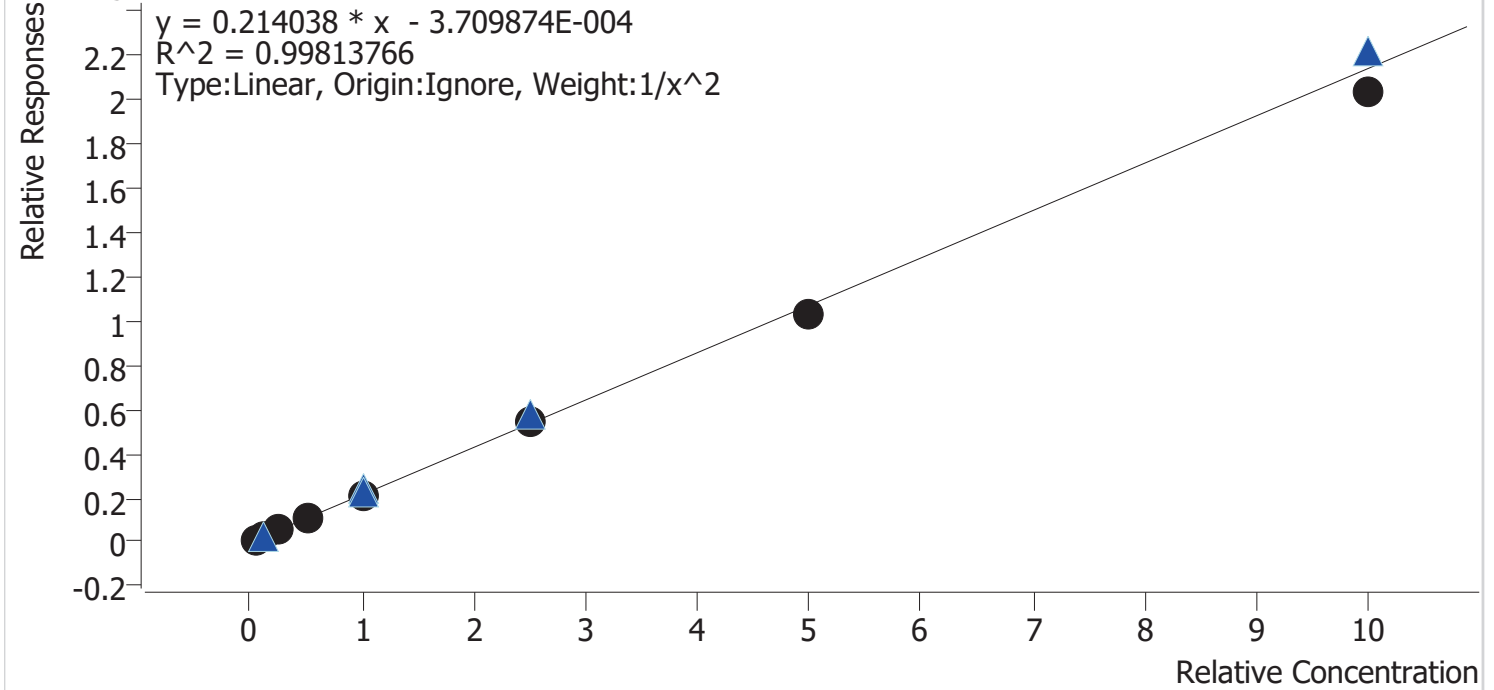
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	3.9	77.4
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	56.5	113.0
cal 5 mdq	5	✓	100.0	108.5	108.5
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	477.8	95.6
cal 8 mdq	8	×	1000.0	688.6	68.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

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



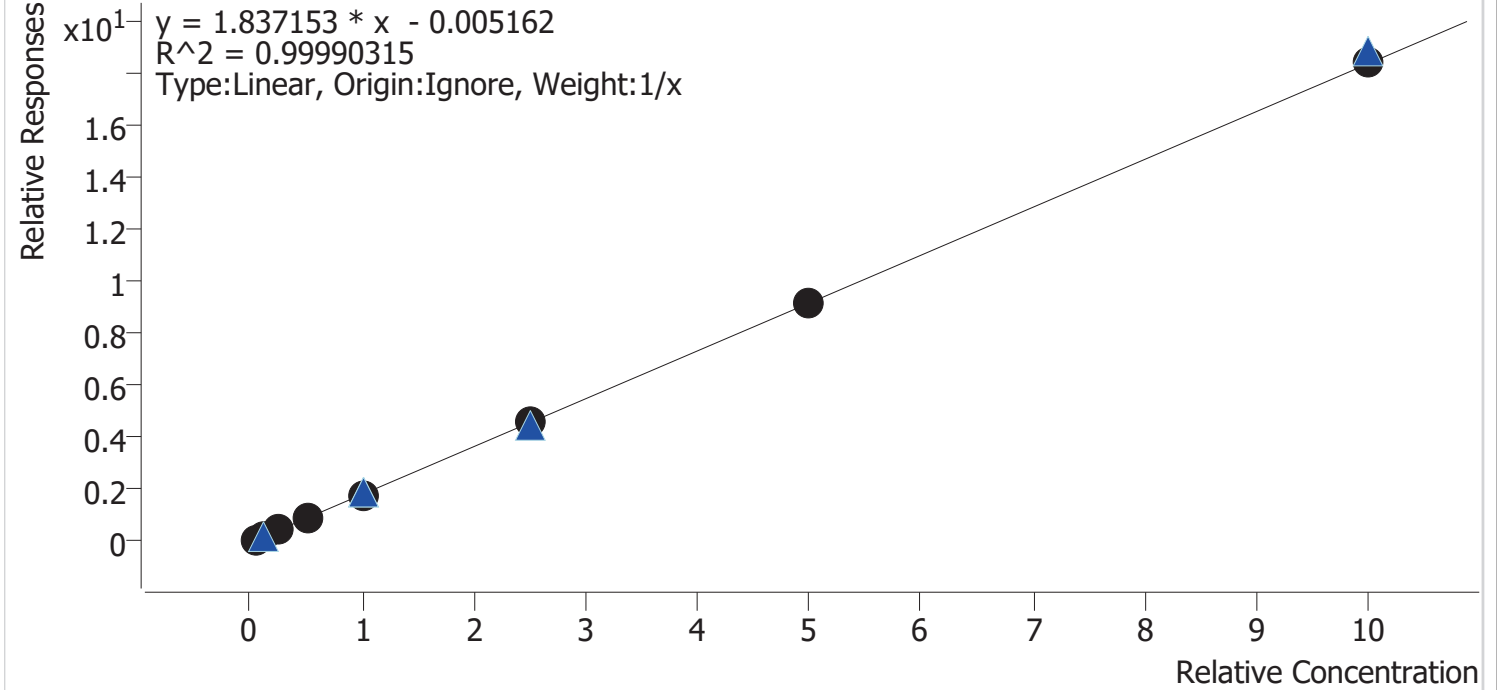
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	24.4	97.8
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	482.9	96.6
cal 8 mdq	8	✓	1000.0	950.7	95.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



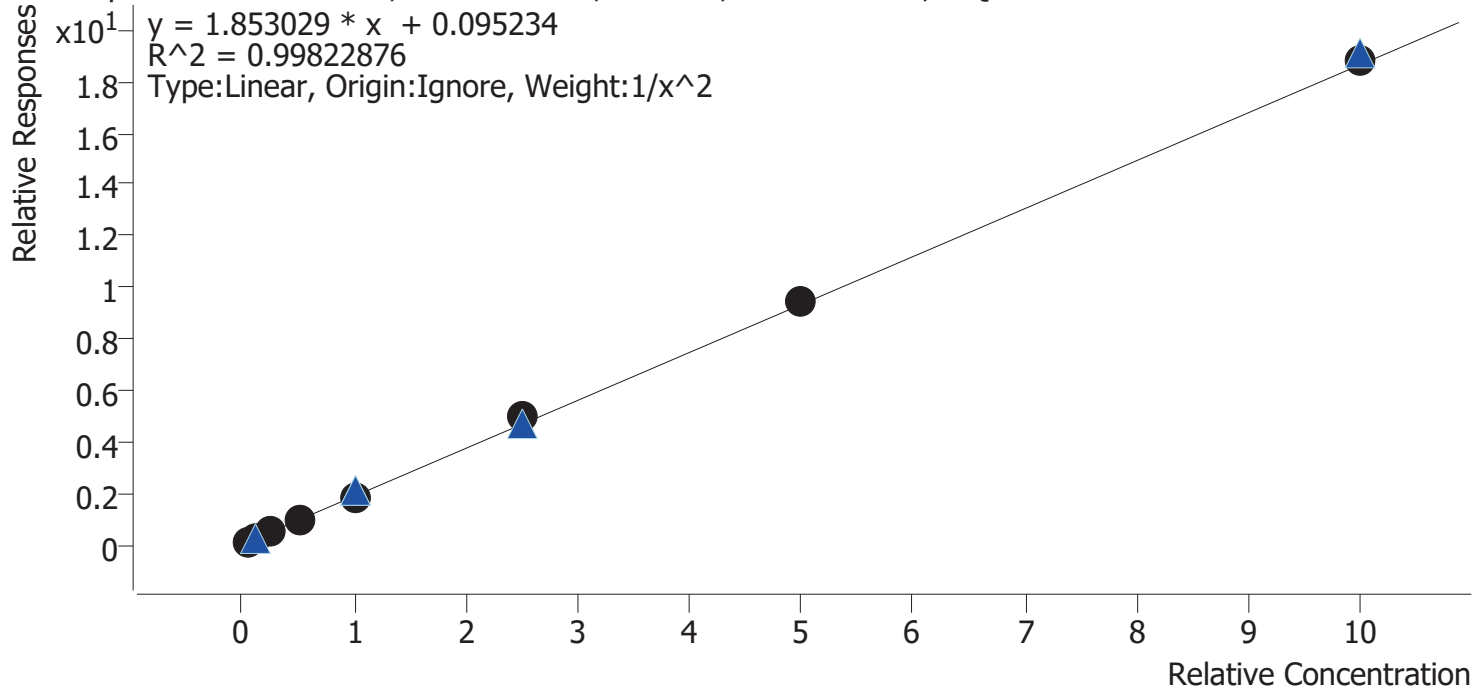
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.5
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	498.0	99.6
cal 8 mdq	8	✓	1000.0	1006.8	100.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** **Methamphetamine-D11**

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



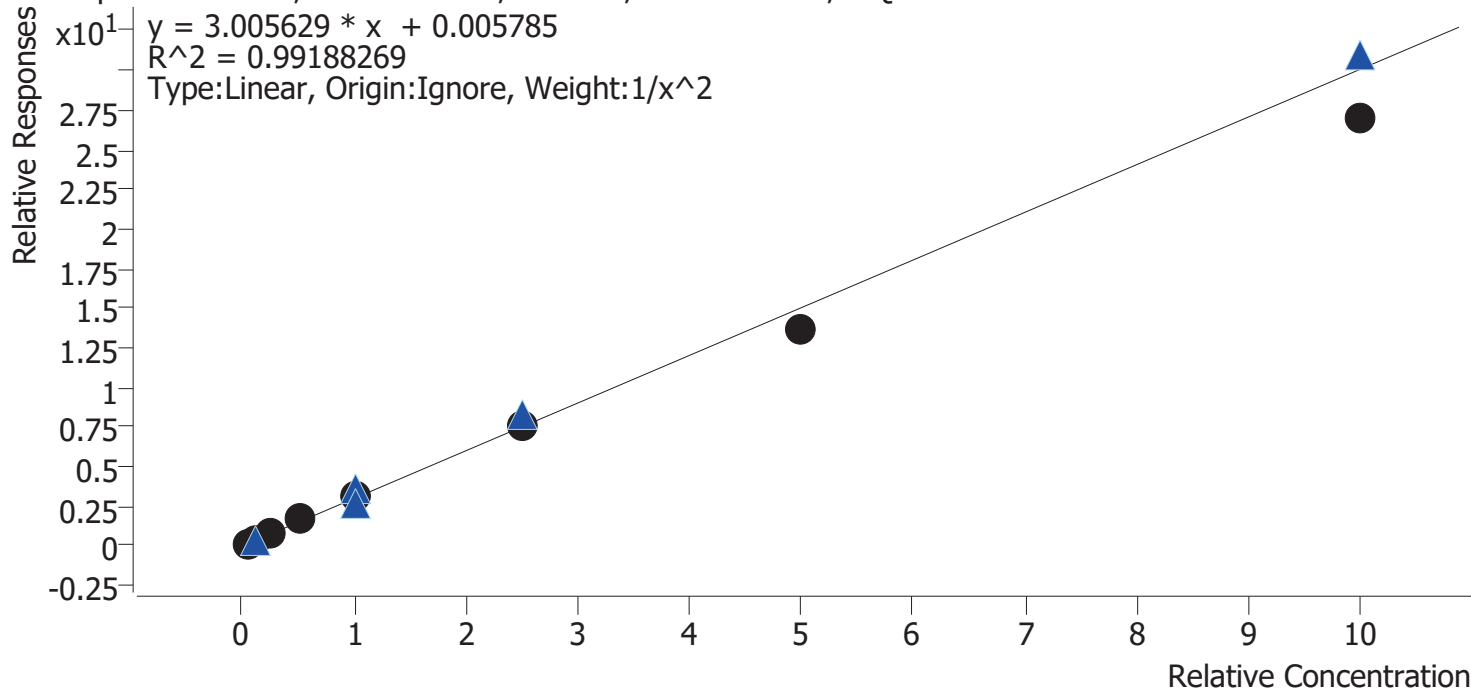
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.8
cal 2 mdq	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	266.7	106.7
cal 7 mdq	7	✓	500.0	505.5	101.1
cal 8 mdq	8	✓	1000.0	1005.6	100.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



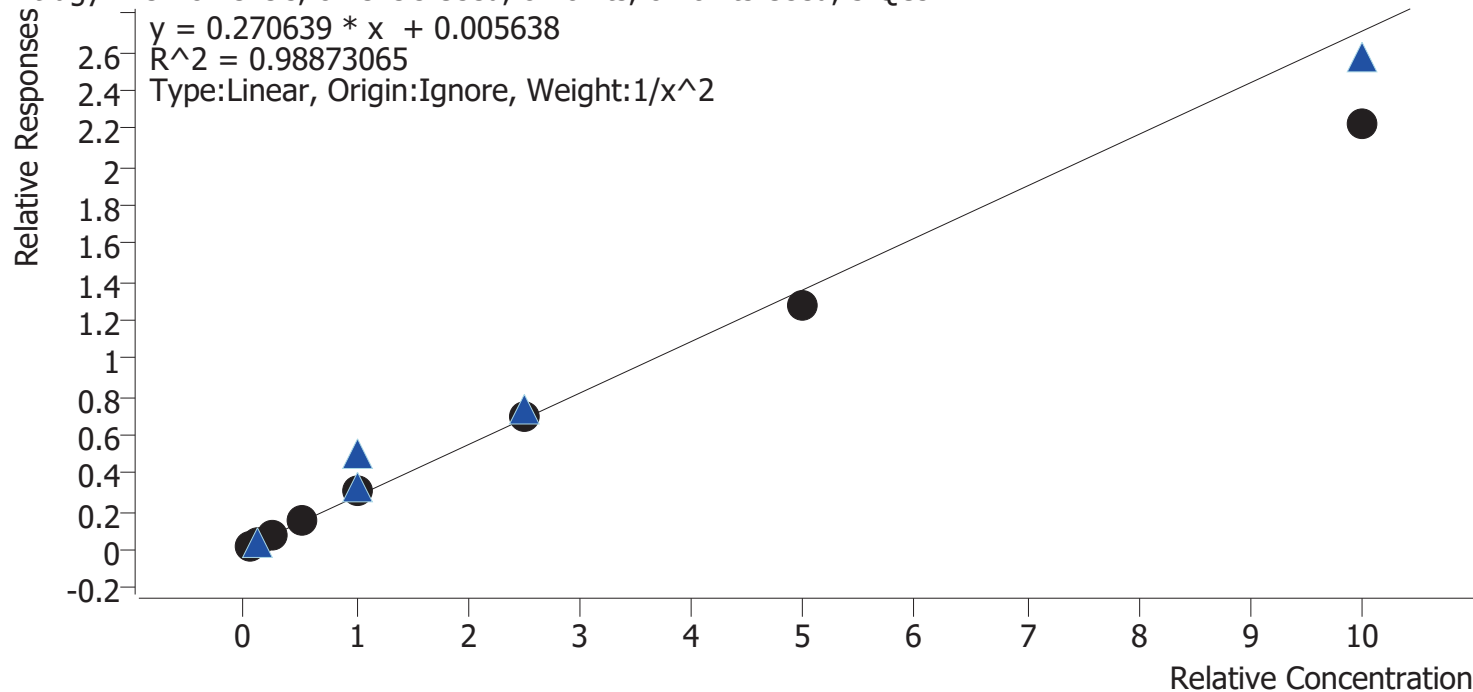
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	56.6	113.2
cal 5 mdq	5	✓	100.0	107.2	107.2
cal 6 mdq	6	✓	250.0	255.6	102.2
cal 7 mdq	7	✓	500.0	451.9	90.4
cal 8 mdq	8	✓	1000.0	896.9	89.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

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



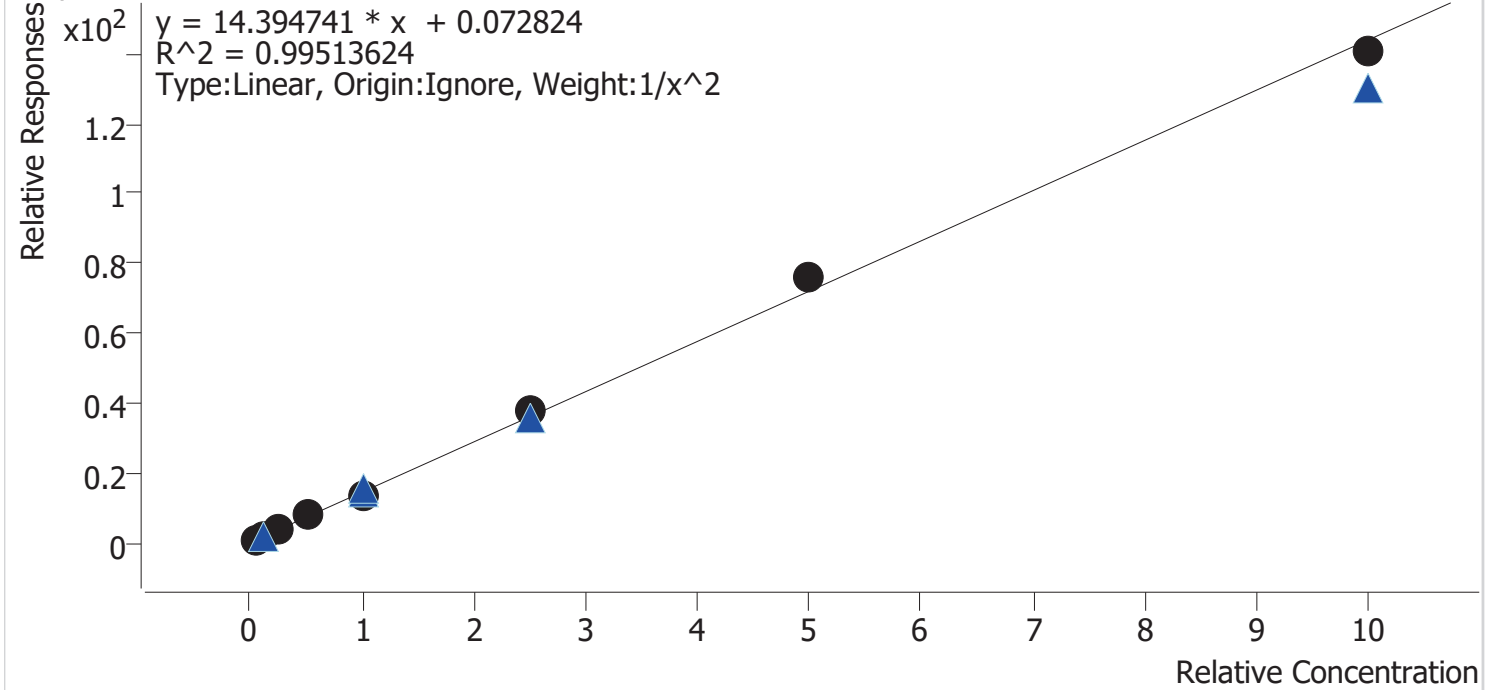
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	9.7	96.6
cal 3 mdq	3	✓	25.0	27.4	109.7
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	110.9	110.9
cal 6 mdq	6	✓	250.0	257.2	102.9
cal 7 mdq	7	✓	500.0	472.5	94.5
cal 8 mdq	8	✓	1000.0	821.8	82.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



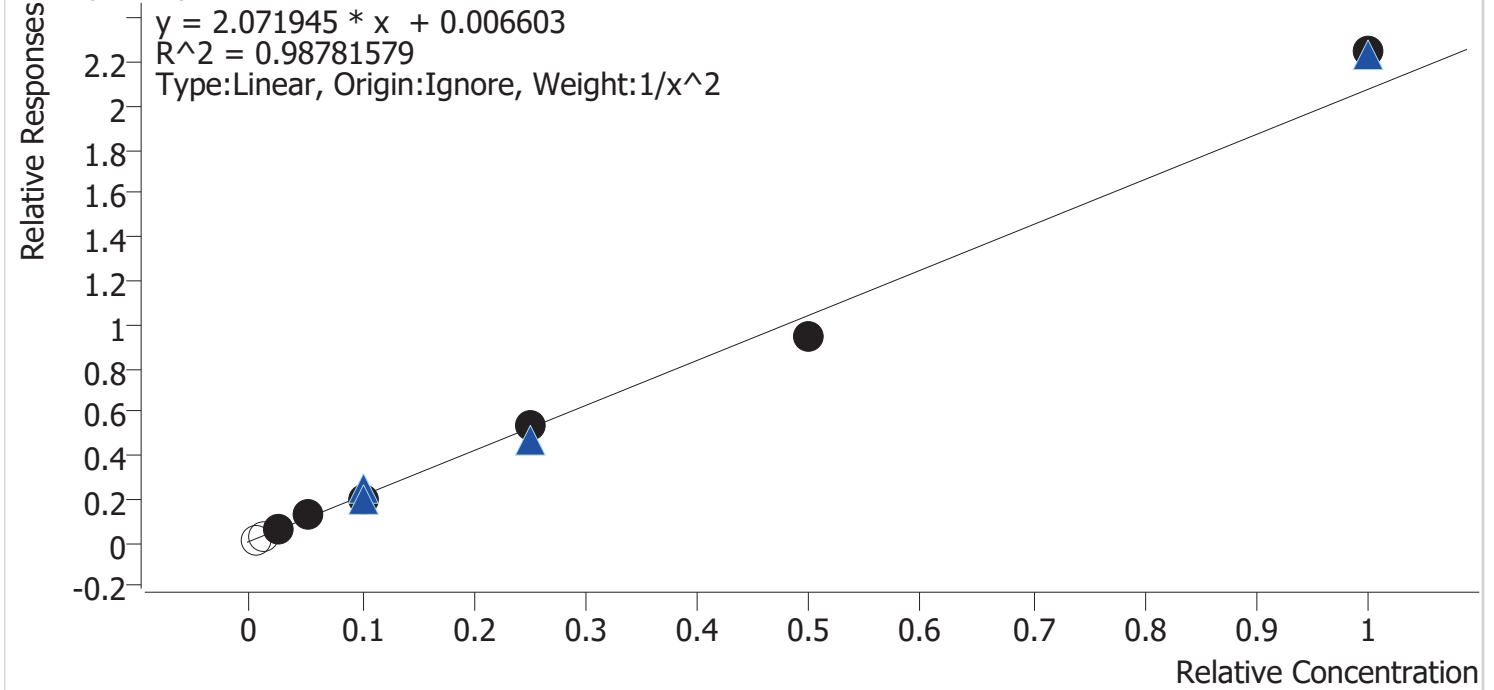
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.9
cal 2 mdq	2	✓	10.0	9.2	92.5
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	54.0	108.1
cal 5 mdq	5	✓	100.0	92.0	92.0
cal 6 mdq	6	✓	250.0	260.0	104.0
cal 7 mdq	7	✓	500.0	525.5	105.1
cal 8 mdq	8	✓	1000.0	976.8	97.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



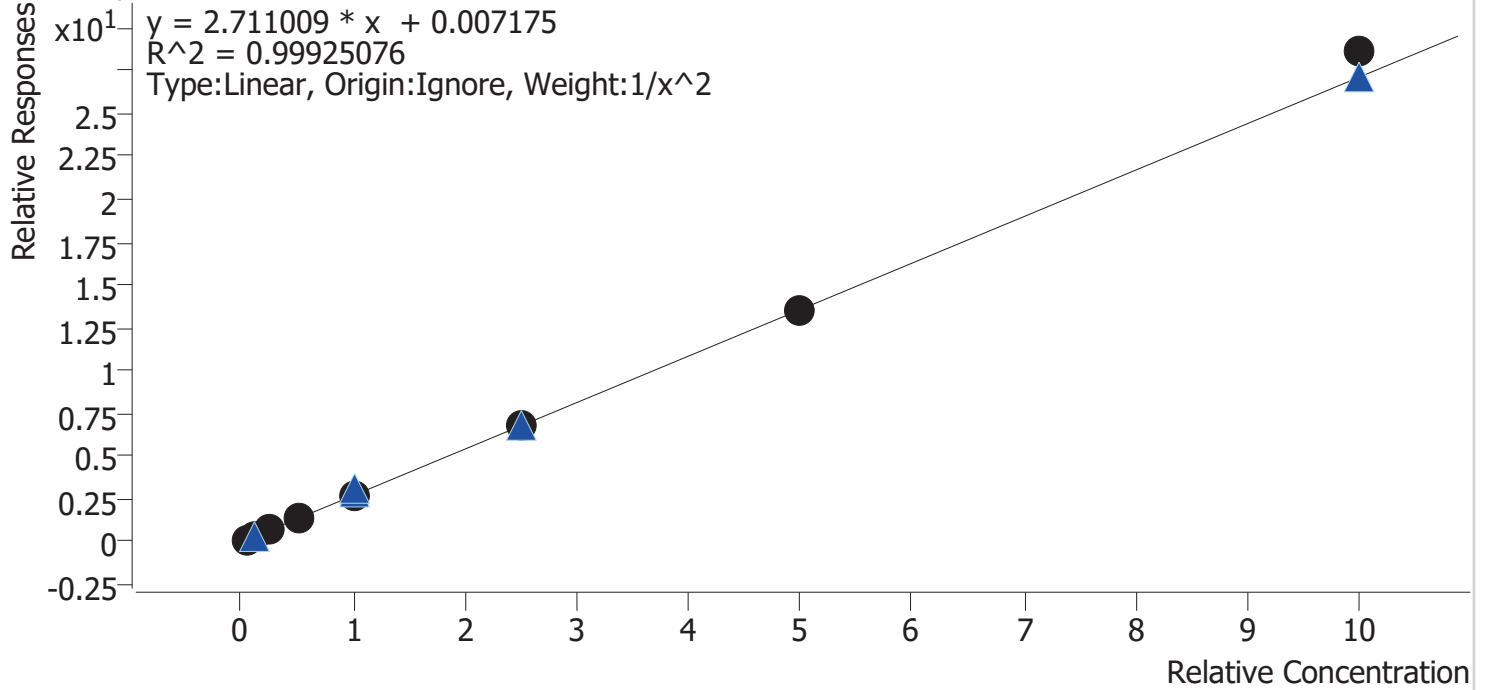
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	×	0.5	0.3	53.9
cal 2 mdq	2	×	1.0	0.8	80.8
cal 3 mdq	3	✓	2.5	2.4	96.7
cal 4 mdq	4	✓	5.0	5.6	111.3
cal 5 mdq	5	✓	10.0	9.1	90.6
cal 6 mdq	6	✓	25.0	25.6	102.6
cal 7 mdq	7	✓	50.0	45.2	90.5
cal 8 mdq	8	✓	100.0	108.3	108.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

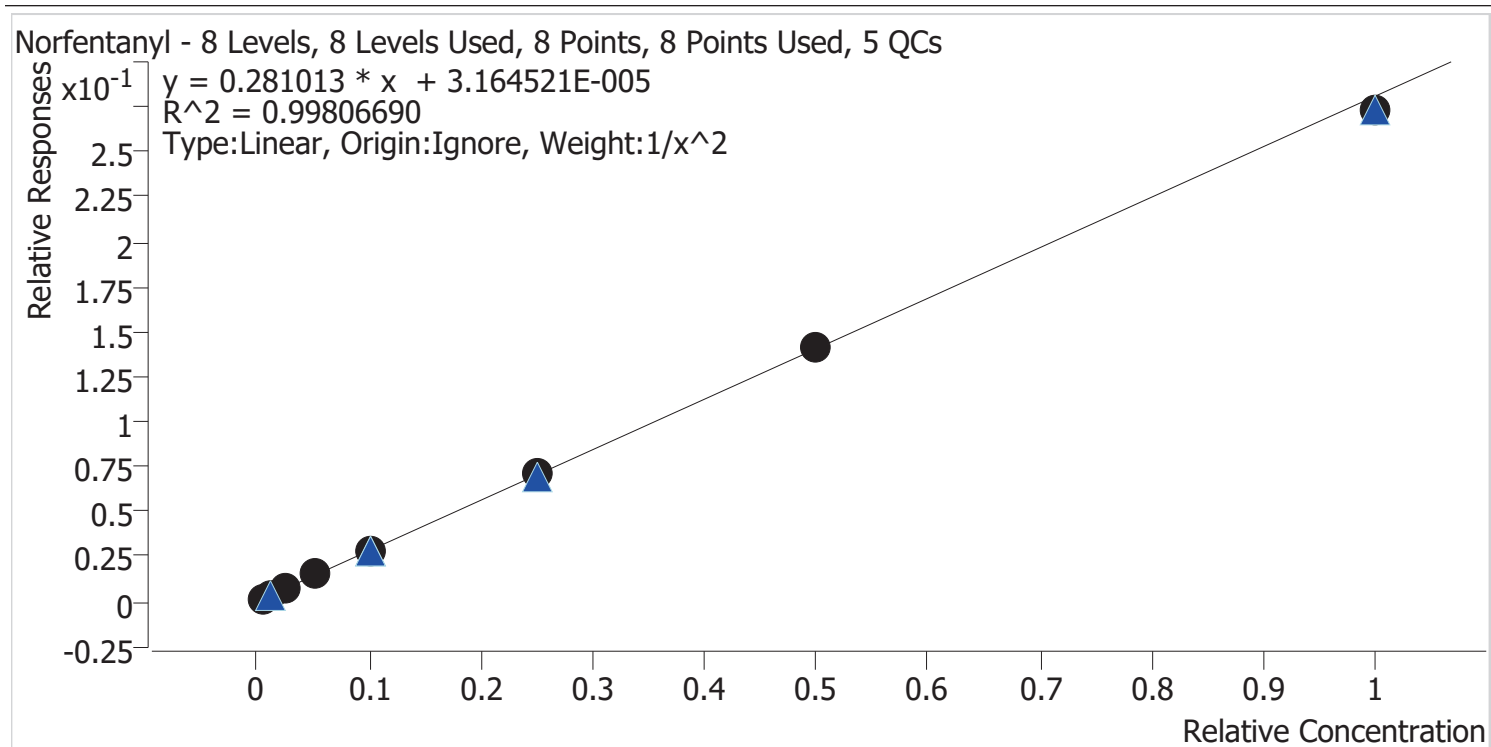


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	495.2	99.0
cal 8 mdq	8	✓	1000.0	1055.0	105.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



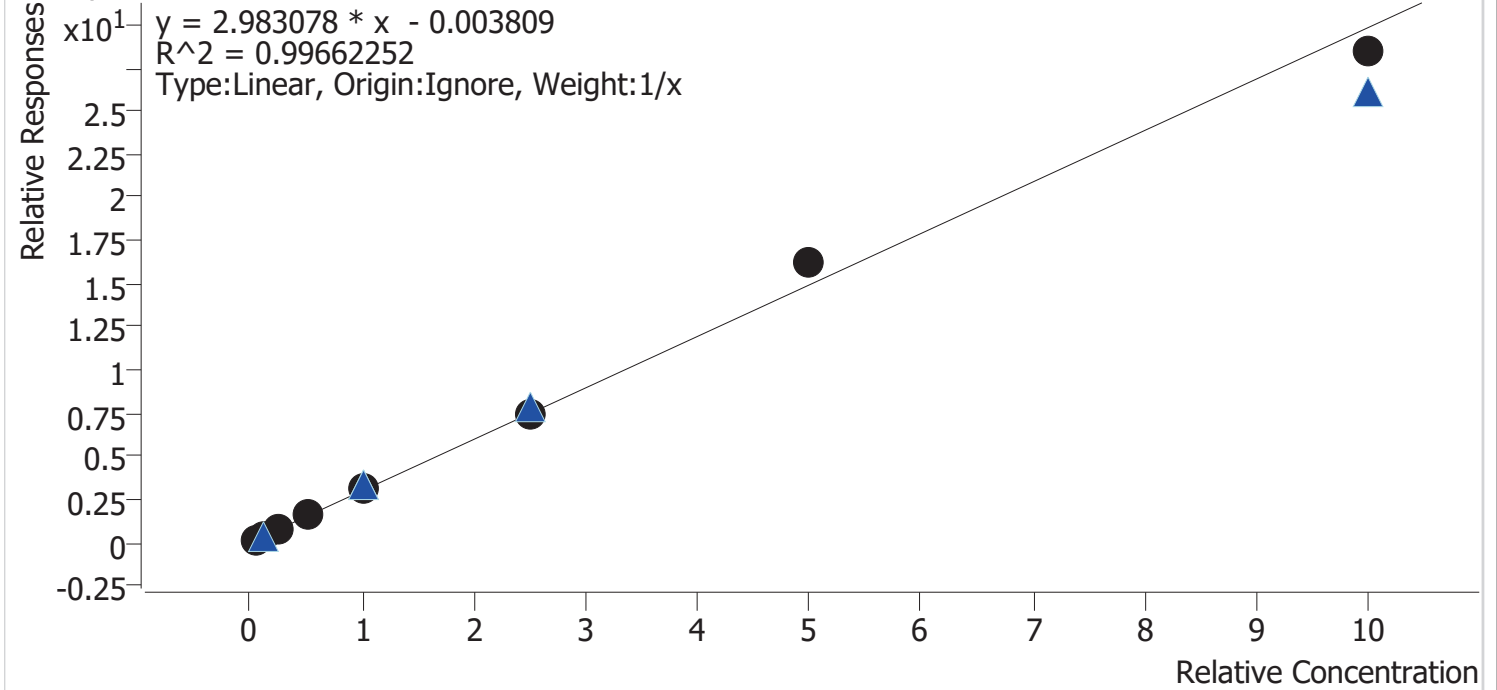
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	97.7
cal 2 mdq	2	✓	1.0	1.1	105.8
cal 3 mdq	3	✓	2.5	2.4	95.1
cal 4 mdq	4	✓	5.0	5.2	104.9
cal 5 mdq	5	✓	10.0	9.8	97.6
cal 6 mdq	6	✓	25.0	25.2	100.8
cal 7 mdq	7	✓	50.0	50.5	100.9
cal 8 mdq	8	✓	100.0	97.1	97.1

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Noroxycodone	Internal Standard	Noroxycodone-D3

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

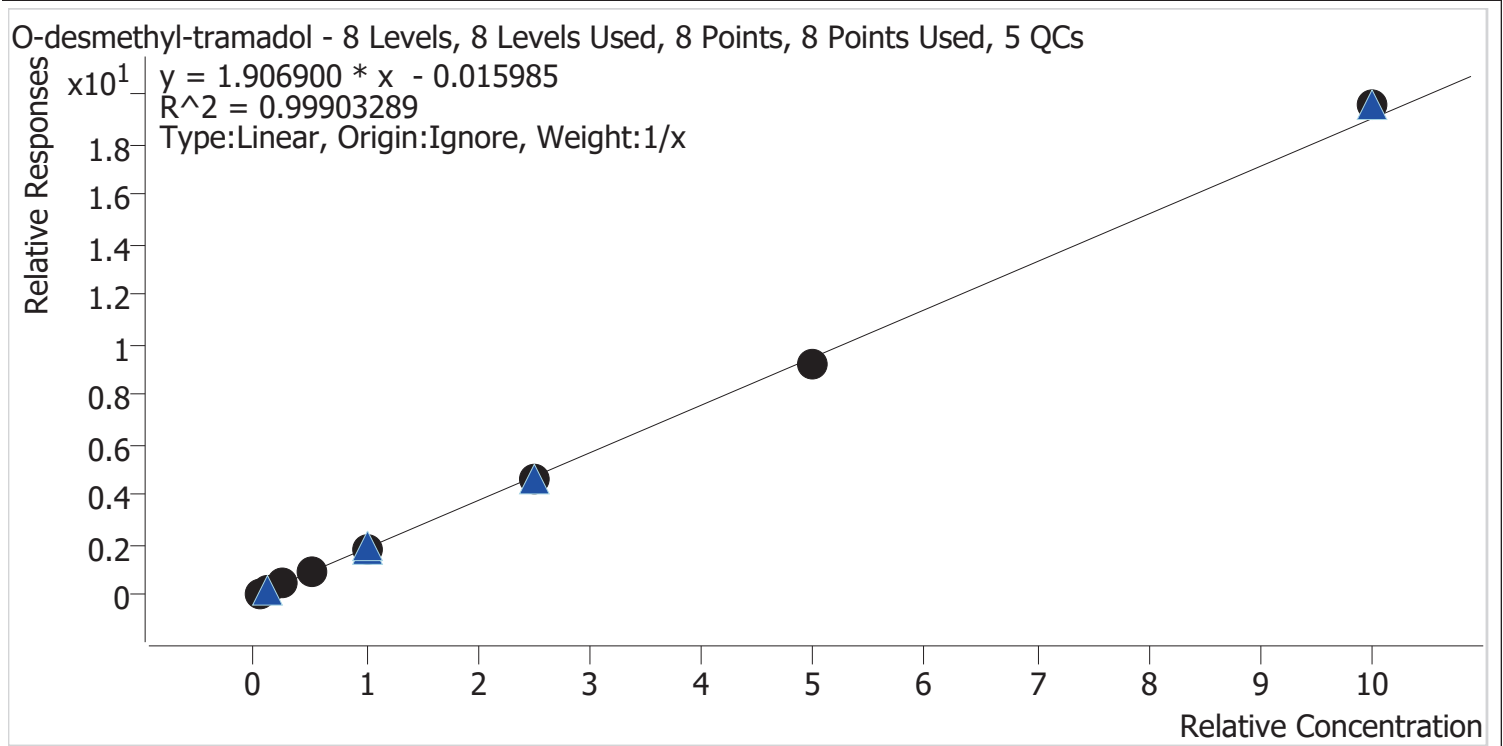


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	9.1	91.3
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	542.3	108.5
cal 8 mdq	8	✓	1000.0	953.3	95.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



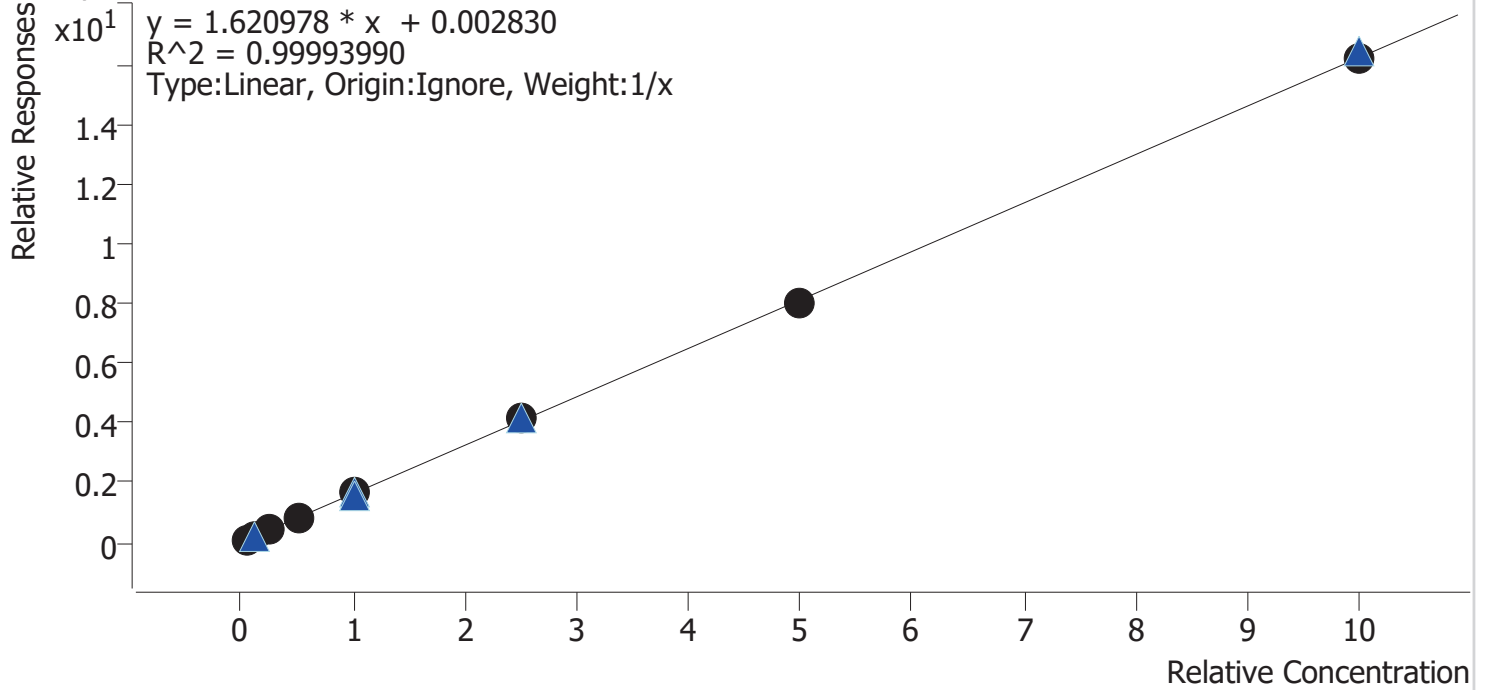
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.6	112.5
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	48.7	97.5
cal 5 mdq	5	✓	100.0	95.3	95.3
cal 6 mdq	6	✓	250.0	241.5	96.6
cal 7 mdq	7	✓	500.0	487.4	97.5
cal 8 mdq	8	✓	1000.0	1027.2	102.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



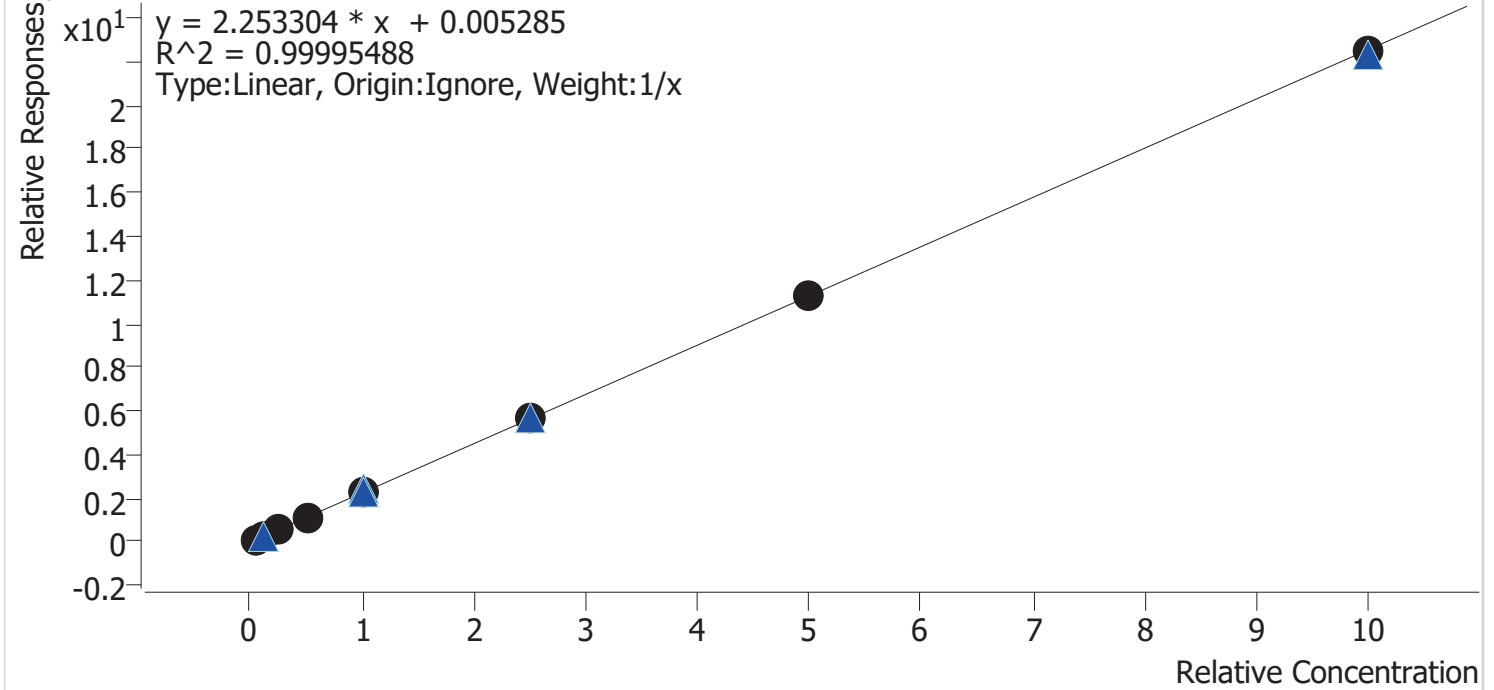
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	9.7	97.2
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	495.1	99.0
cal 8 mdq	8	✓	1000.0	1001.6	100.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



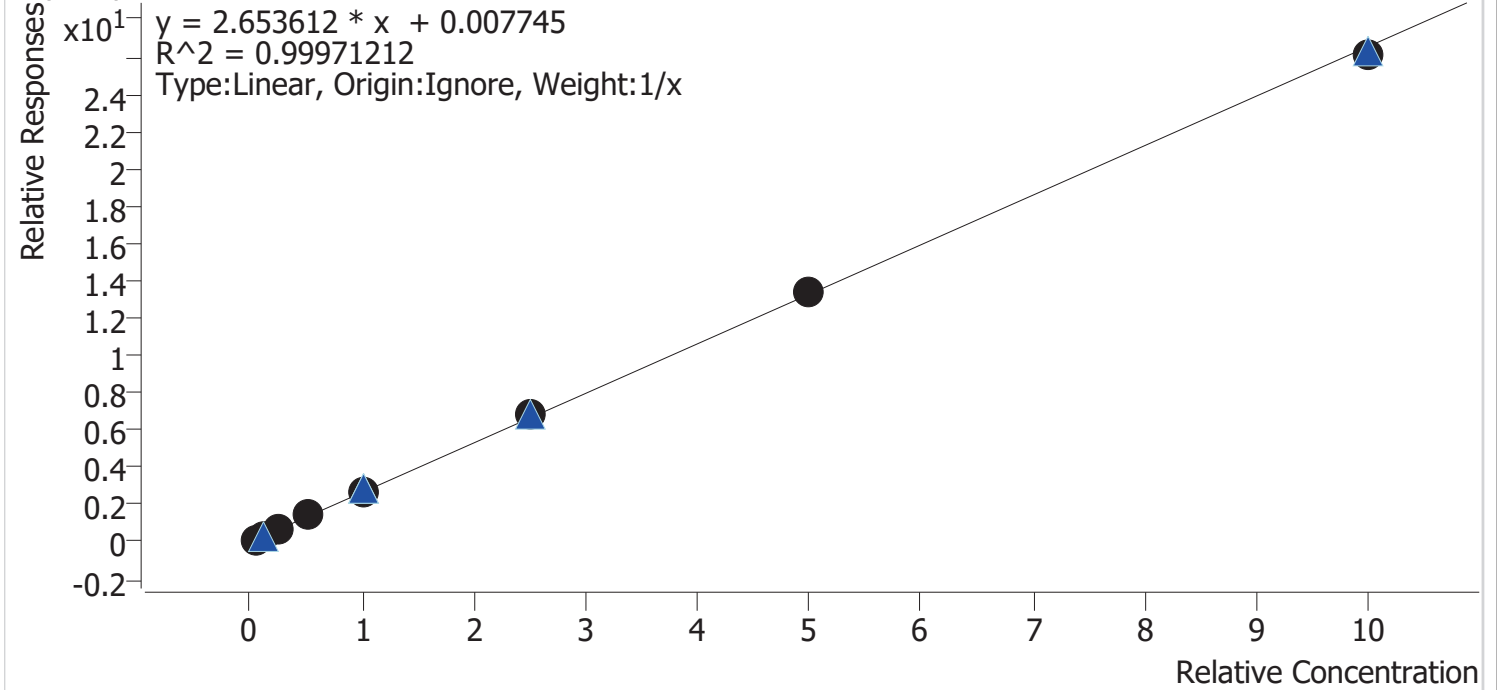
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.5
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	499.7	99.9
cal 8 mdq	8	✓	1000.0	996.3	99.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



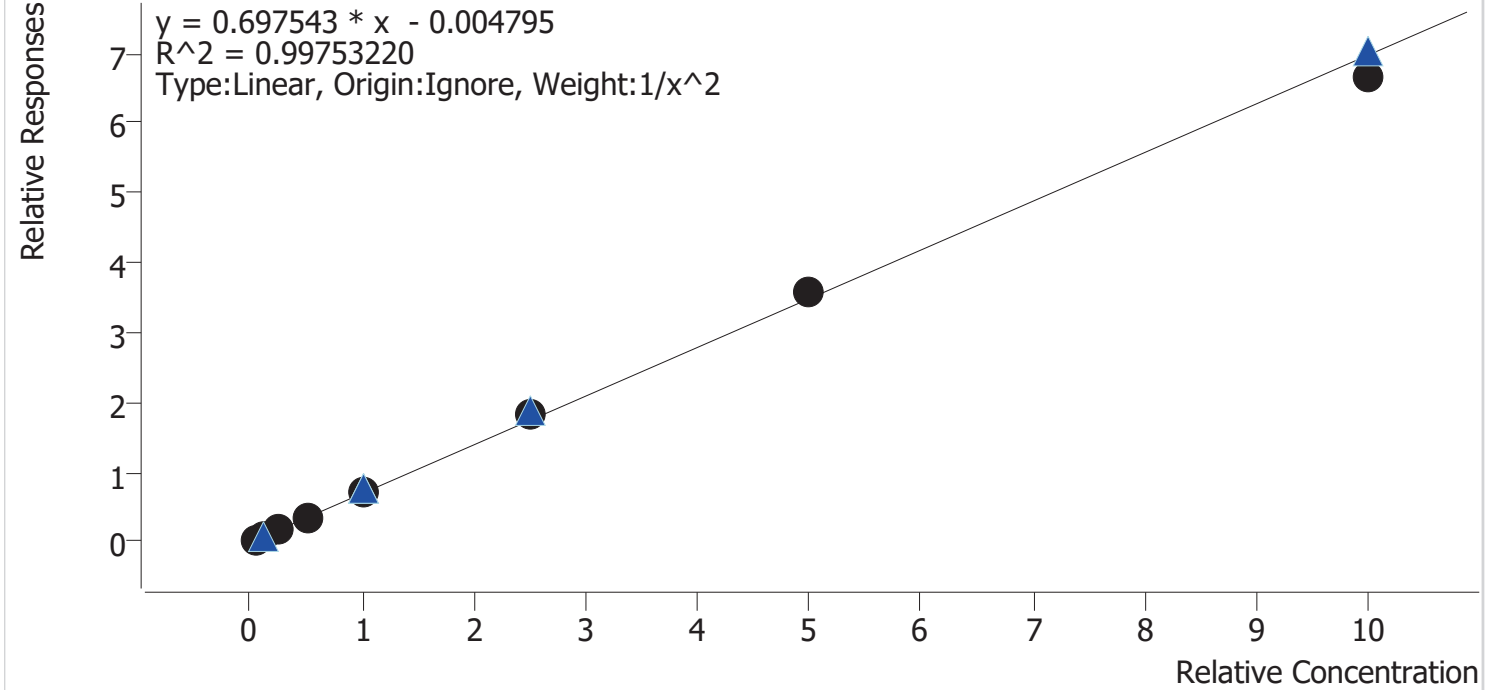
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	89.7
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	255.2	102.1
cal 7 mdq	7	✓	500.0	503.0	100.6
cal 8 mdq	8	✓	1000.0	987.2	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



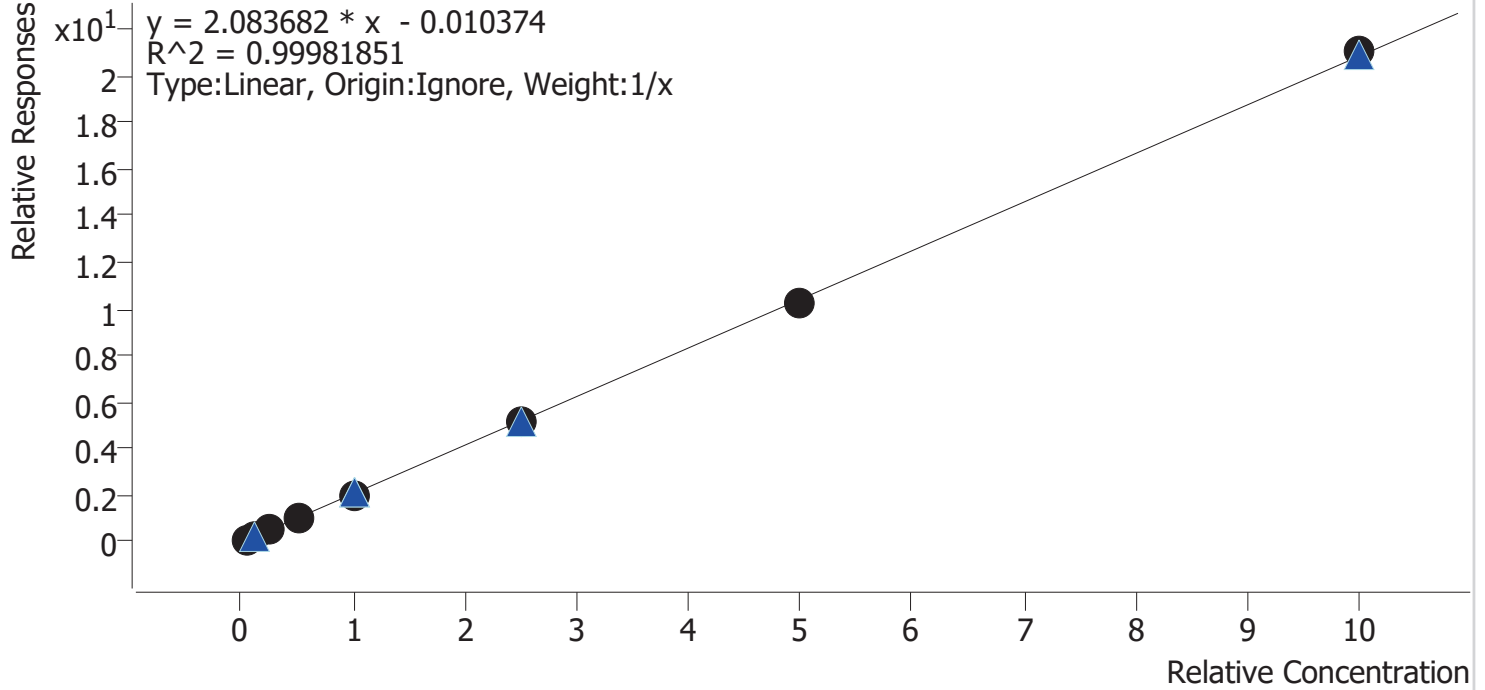
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.5
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	23.8	95.4
cal 4 mdq	4	✓	50.0	51.9	103.9
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	259.1	103.6
cal 7 mdq	7	✓	500.0	516.4	103.3
cal 8 mdq	8	✓	1000.0	955.5	95.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



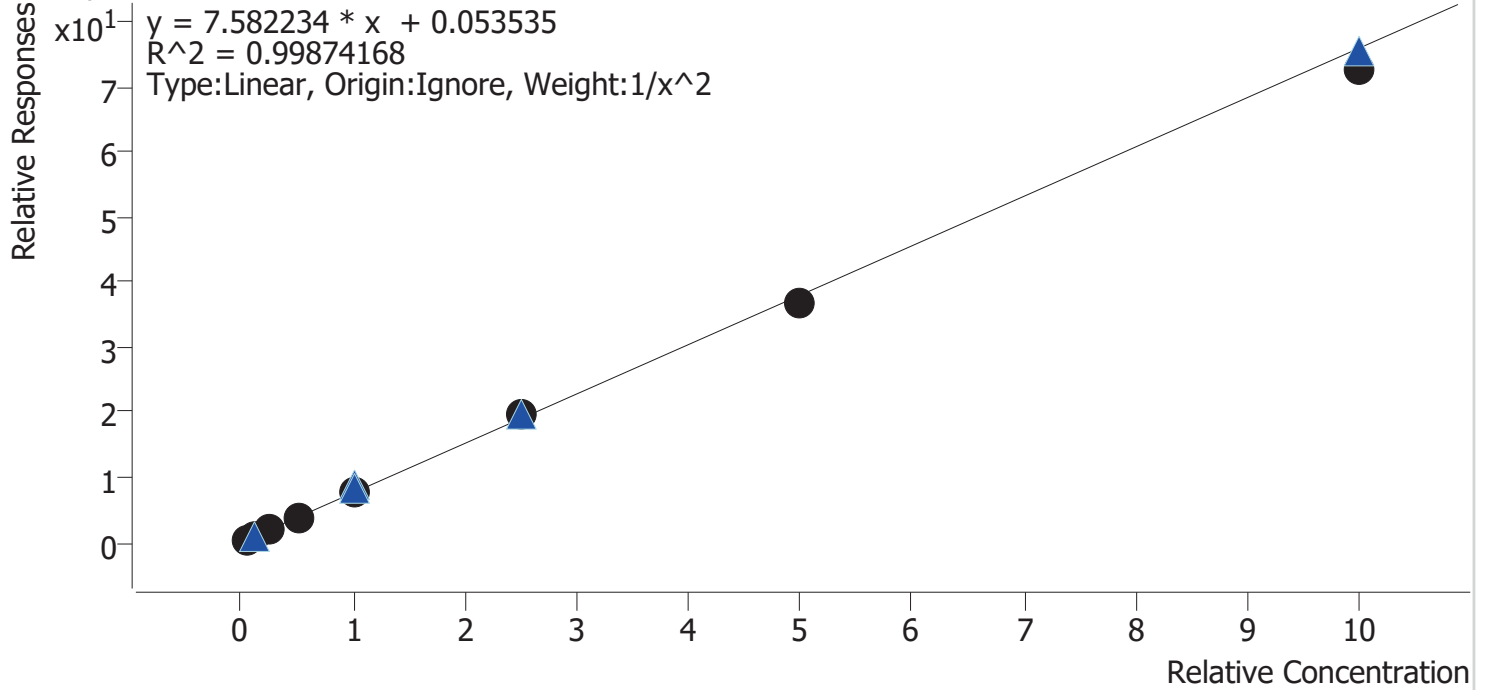
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	109.1
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	494.9	99.0
cal 8 mdq	8	✓	1000.0	1009.6	101.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



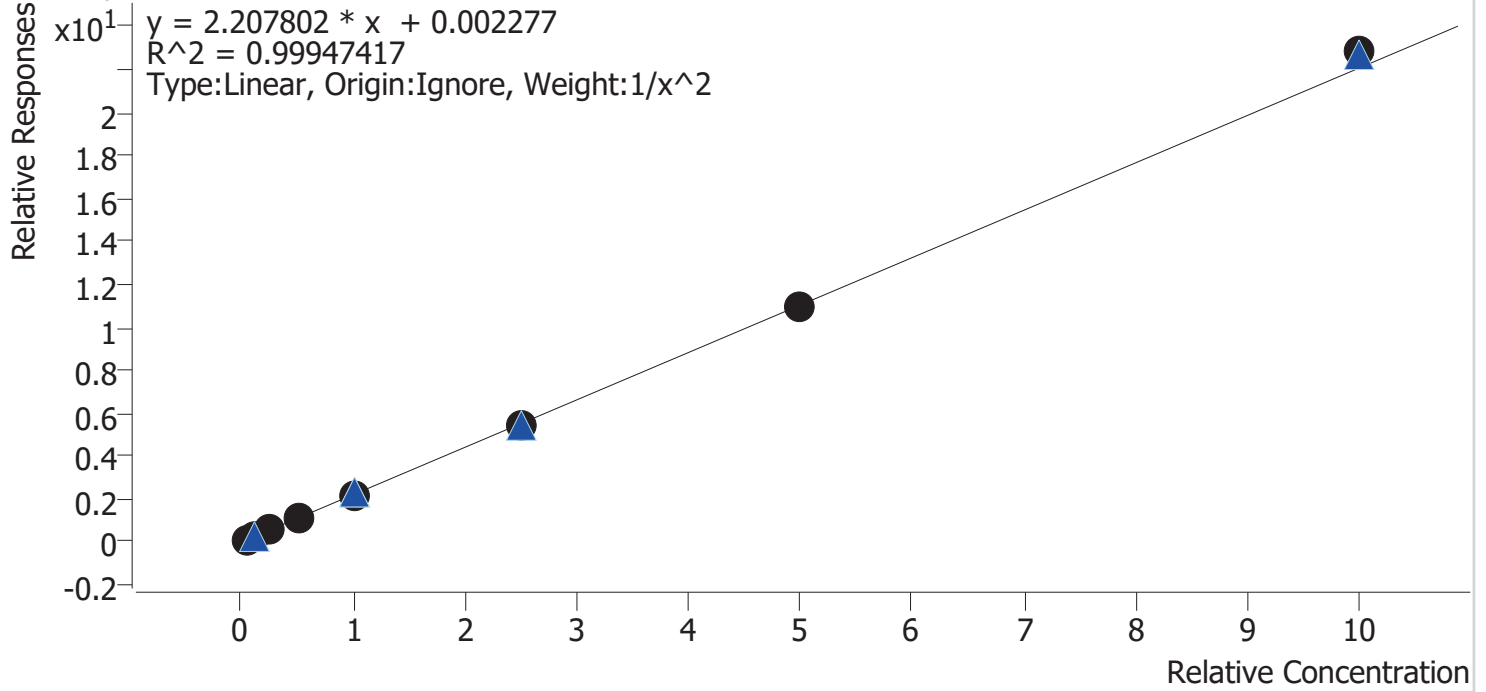
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	52.0	103.9
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	259.8	103.9
cal 7 mdq	7	✓	500.0	480.9	96.2
cal 8 mdq	8	✓	1000.0	956.7	95.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

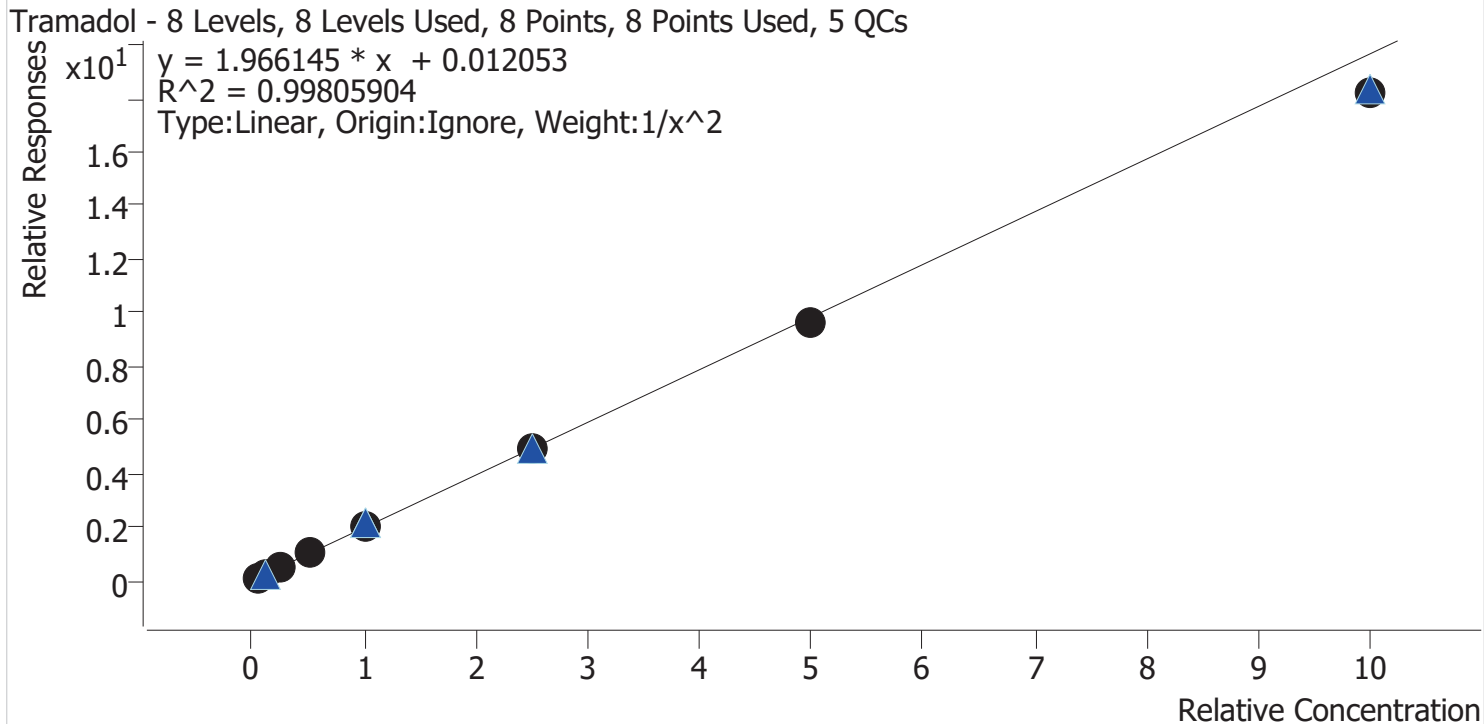


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	495.0	99.0
cal 8 mdq	8	✓	1000.0	1034.7	103.5

Compound Calibration Report



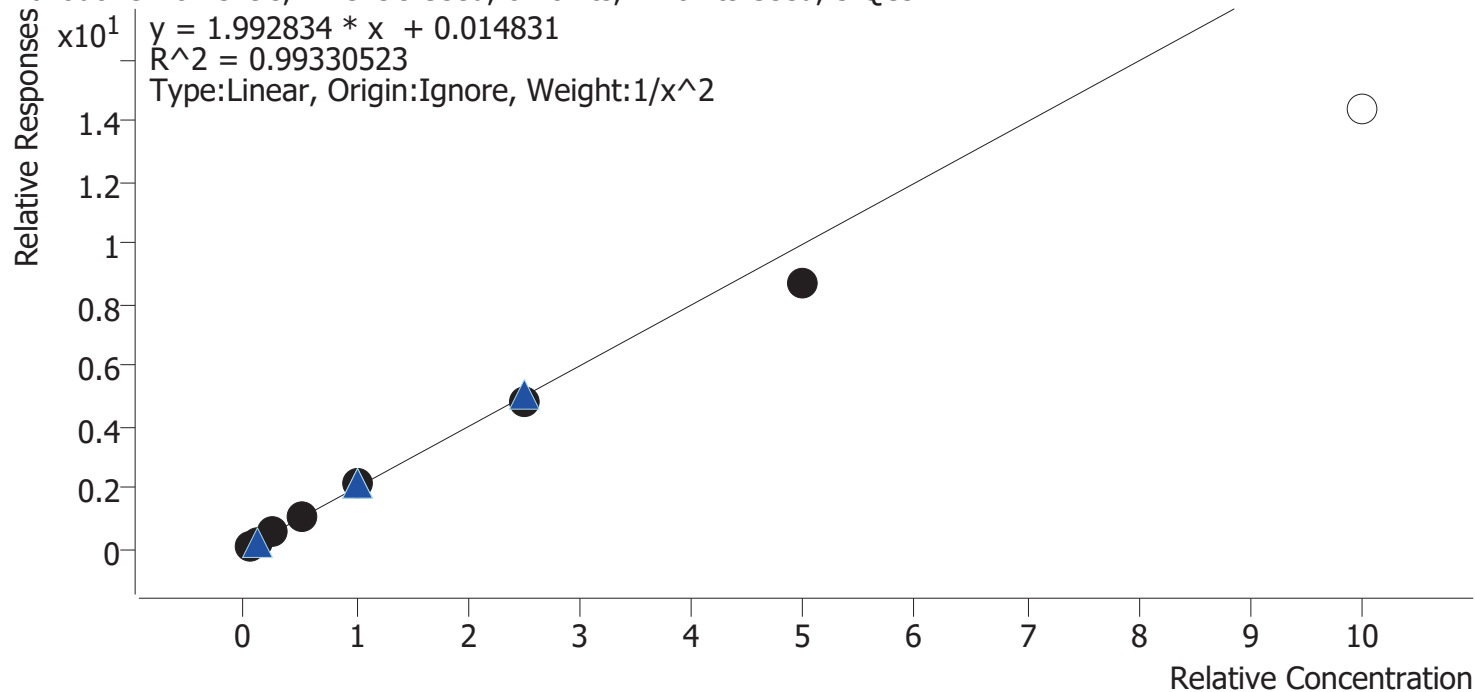
Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	488.7	97.7
cal 8 mdq	8	✓	1000.0	925.2	92.5

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin		
Last Cal. Update	7/30/2020 8:05 AM		
Analyst Name	ISP\datastor		
Analyte	Trazodone	Internal Standard	Trazodone-D6

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

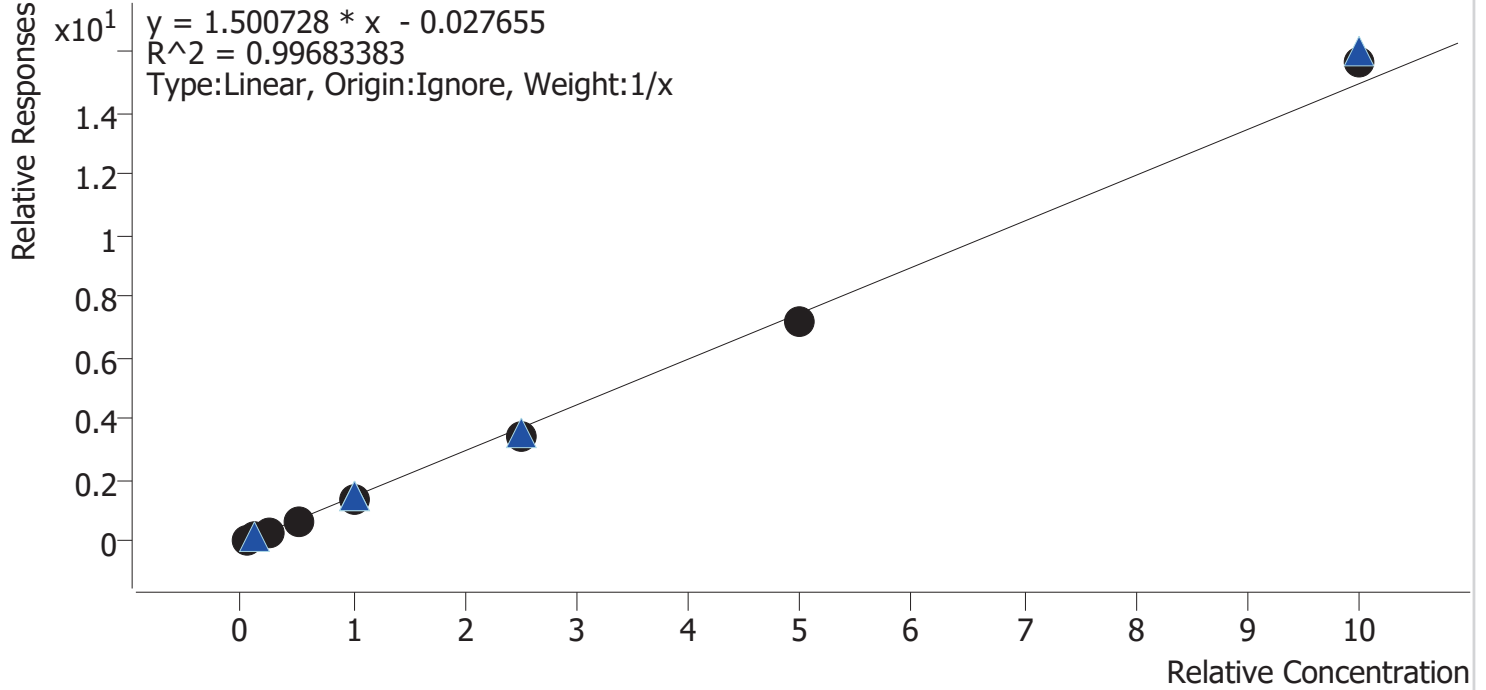


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	54.3	108.6
cal 5 mdq	5	✓	100.0	105.3	105.3
cal 6 mdq	6	✓	250.0	242.0	96.8
cal 7 mdq	7	✓	500.0	436.5	87.3
cal 8 mdq	8	x	1000.0	721.4	72.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



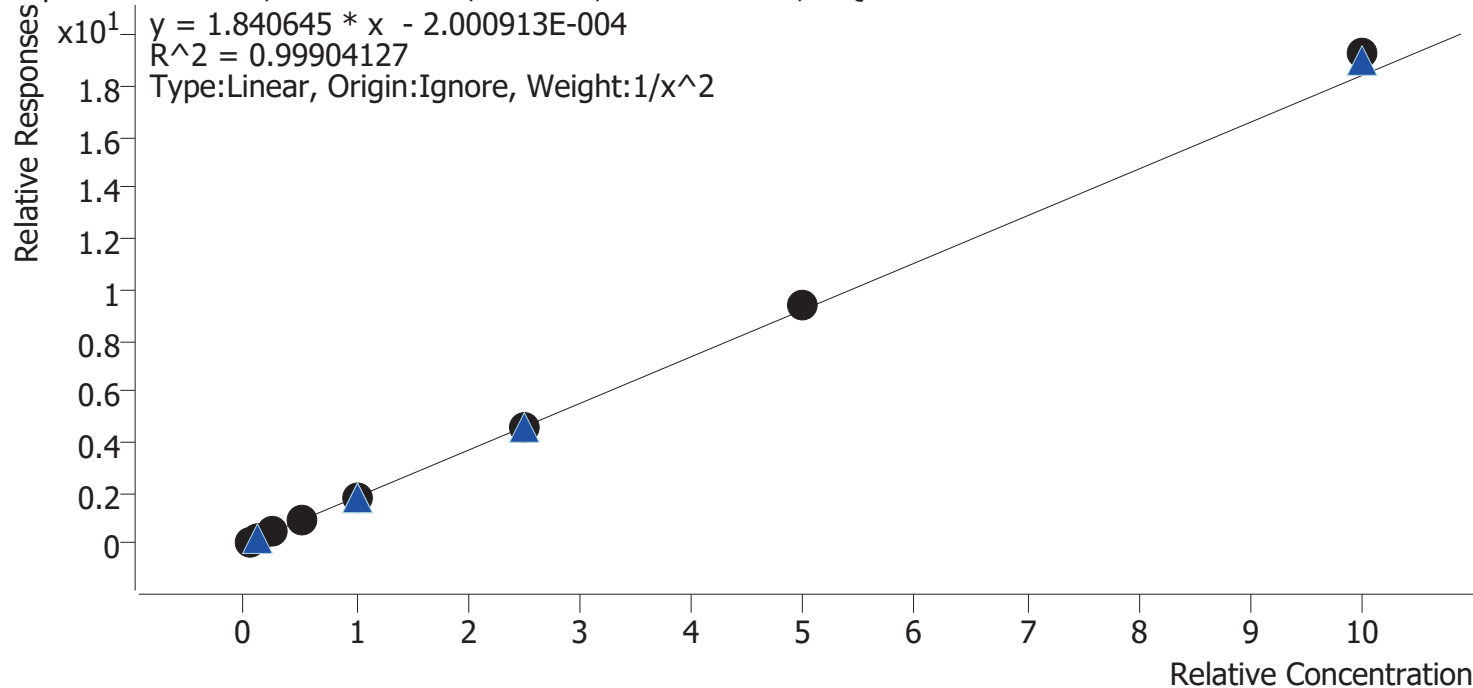
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.3	125.3
cal 2 mdq	2	✓	10.0	10.6	106.0
cal 3 mdq	3	✓	25.0	22.6	90.5
cal 4 mdq	4	✓	50.0	46.3	92.7
cal 5 mdq	5	✓	100.0	91.3	91.3
cal 6 mdq	6	✓	250.0	231.8	92.7
cal 7 mdq	7	✓	500.0	484.2	96.8
cal 8 mdq	8	✓	1000.0	1046.9	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



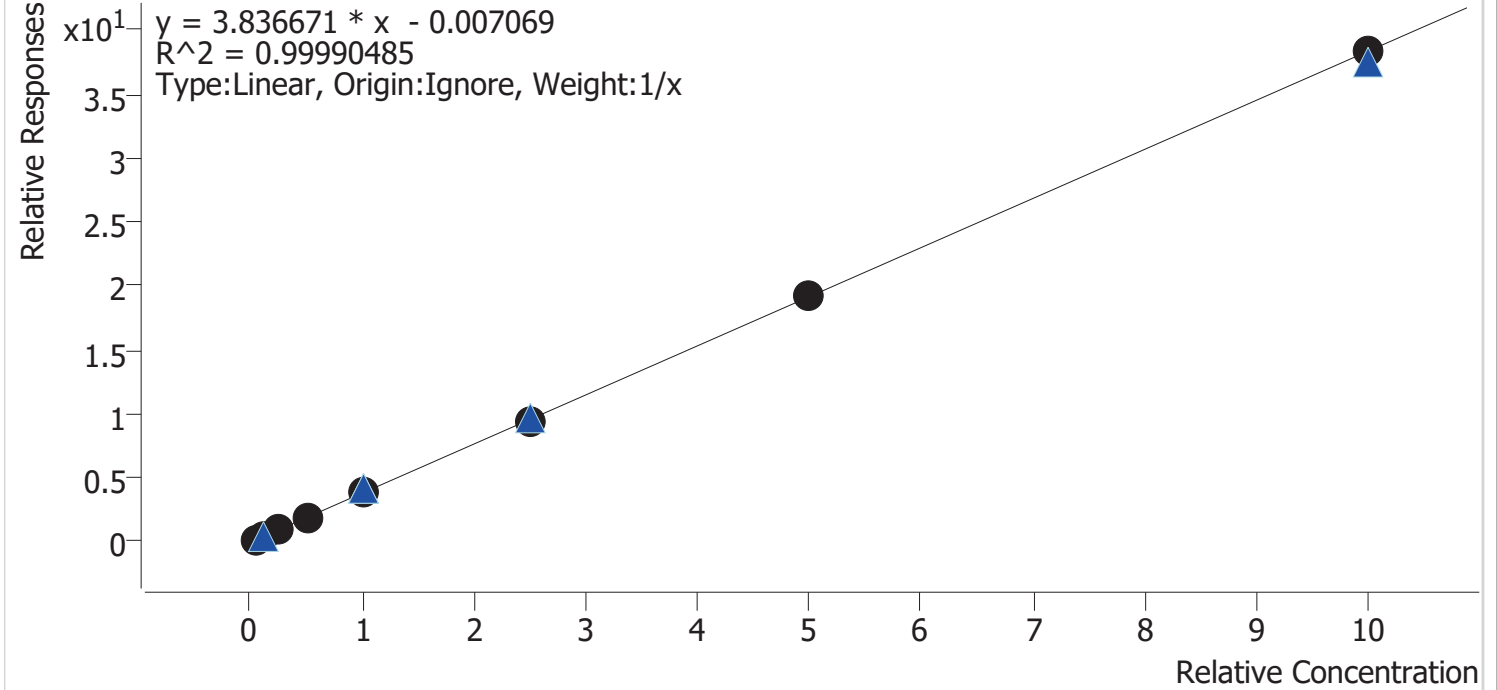
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	249.8	99.9
cal 7 mdq	7	✓	500.0	508.1	101.6
cal 8 mdq	8	✓	1000.0	1046.5	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



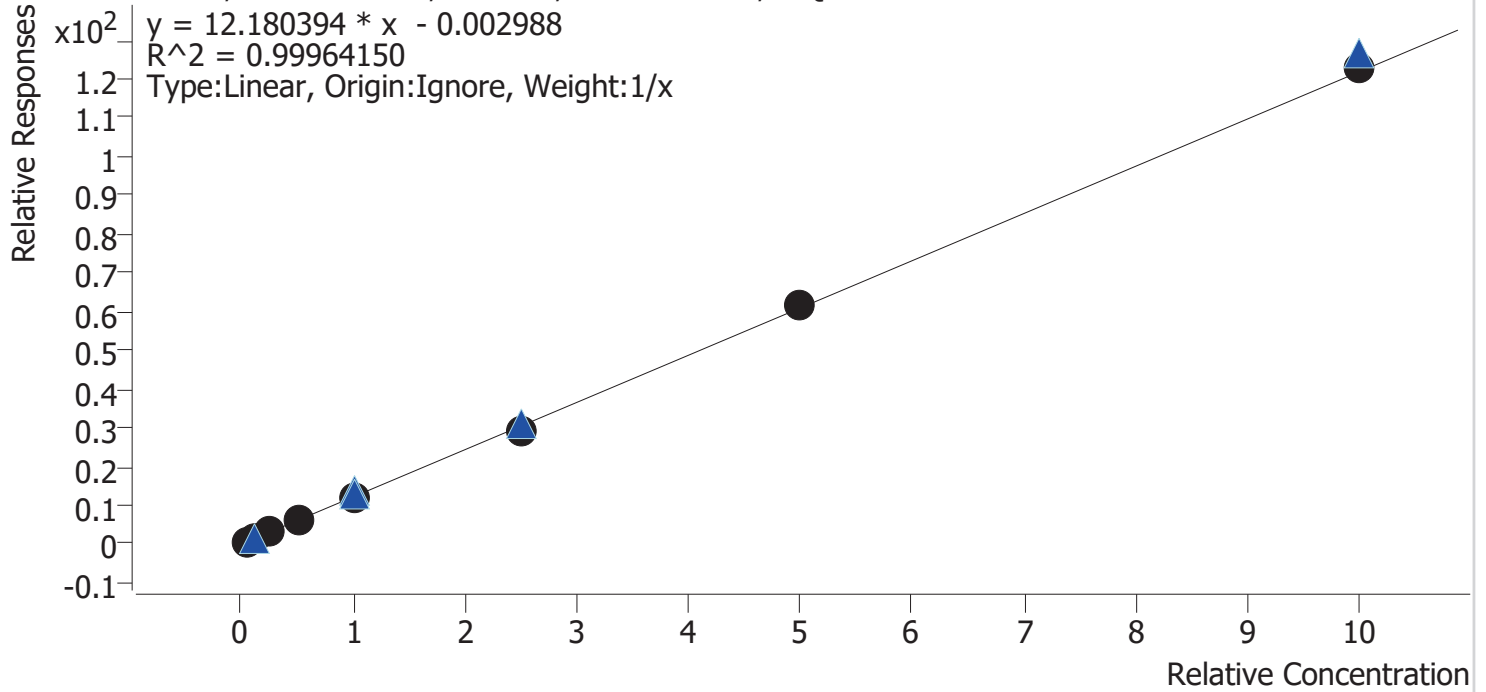
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	245.4	98.2
cal 7 mdq	7	✓	500.0	505.6	101.1
cal 8 mdq	8	✓	1000.0	999.1	99.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 7-29-20\QuantResults\mdq.batch.bin
Last Cal. Update 7/30/2020 8:05 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	239.2	95.7
cal 7 mdq	7	✓	500.0	503.7	100.7
cal 8 mdq	8	✓	1000.0	1008.8	100.9

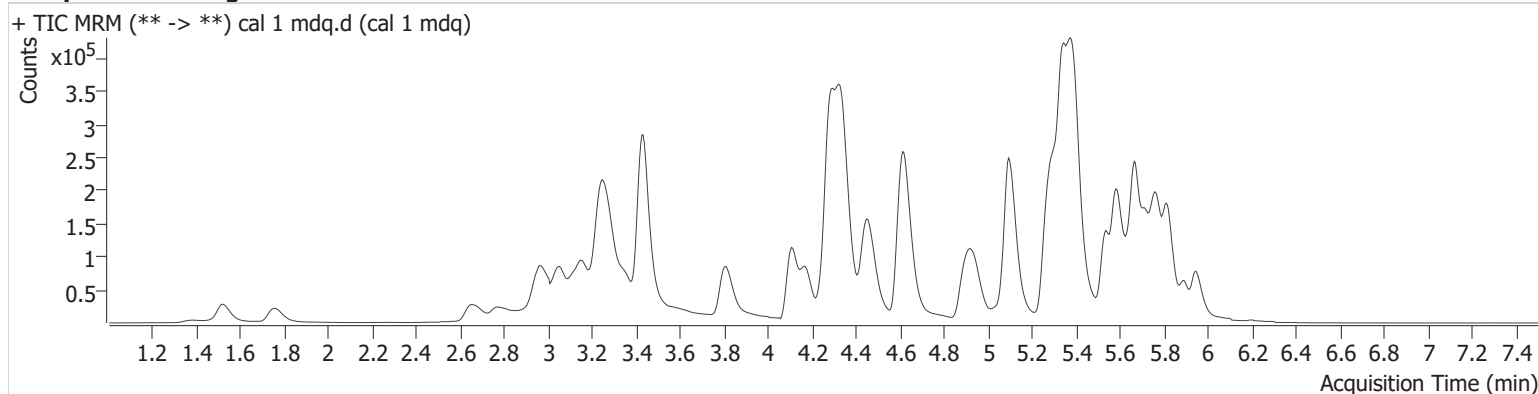


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument 69679 **Data File** cal 1 mdq.d
Type Cal **Sample** cal 1 mdq
Acq. Method MDQP1 5-27-20.m **Operator** Anne Nord
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 7/29/2020 10:19:53 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.263	822	813.8	83.6	1263.4	33902	0.513 ng/ml
7-aminoclonazepam	4.333	20357	543.4	89.4	614.9	166629	5.047 ng/ml
a-hydroxyalprazolam	5.713	3045	322.2	61.9	453.2	31699	5.025 ng/ml
alpha-PVP	4.474	61131	457.2	50.5	983.5	509798	4.961 ng/ml
Alprazolam	5.776	20577	286.7	101.7	10081.1	135142	6.212 ng/ml
Amphetamine	3.130	102123	166.3	40.8	263.5	303739	4.921 ng/ml
Benzoylcegonine	3.925	1144	74.7	11.2 High	125.2	9088	8.072 ng/ml
Buprenorphine	5.990	496	27.7	15.6	∞	37838	0.527 ng/ml
Bupropion	4.929	54297	336.6	64.1	802.9	347178	4.931 ng/ml
Carisoprodol	5.731	13050	450.1	88.4	64.0	140684	5.040 ng/ml
Citalopram	5.276	31472	196.1	33.8	3690.0	300490	5.246 ng/ml
Clonazepam	5.625	16359	487.4	30.9	200.6	57046	5.066 ng/ml
Cocaine	4.337	50944	6388.5	45.4	1422.3	755466	4.938 ng/ml
Codeine	2.827	4220	775.7	101.7	3296.5	43080	5.118 ng/ml
Cyclobenzaprine	5.648	24136	16896.7	9.1	1704.9	170546	4.974 ng/ml
Dextromethorphan	5.321	17753	7973.0	89.4	812.5	186411	4.946 ng/ml
Dextrorphan	4.171	9234	7612.8	220.0	3231.9	215060	5.144 ng/ml
Diazepam	5.952	15971	404.6	88.0	546.4	143679	4.913 ng/ml
Dihydrocodeine	2.689	10542	348.4	60.8	110.3	121887	5.051 ng/ml
Diphenhydramine	5.352	114235	3983.3	27.7	559.9	1106856	5.809 ng/ml
Doxylamine	4.630	112962	3819.7	95.9	4099.1	935610	5.056 ng/ml
EDDP	5.305	14441	16264.4	242.0	1469.7	338445	5.045 ng/ml
Fentanyl	5.281	3289	39.2	76.0	2316.8	398812	0.462 ng/ml
Fluoxetine	5.719	23151	2676.2	7.0	1242.1	161306	4.876 ng/ml
Hydrocodone	3.198	15573	735.5	46.5	130.8	192731	5.312 ng/ml
Hydromorphone	1.772	12675	58.6	81.0	998.6	78270	4.470 ng/ml
Ketamine	4.279	40250	1049.2	34.7	62.7	327231	4.789 ng/ml
Lamotrigine	4.416	3325	52.6	84.1	883.1	327231	4.921 ng/ml
Lorazepam	5.754	16781	449.7	55.5	28.8	57046	3.870 ng/ml
MDA	3.267	61909	785.0	21.8	151.6	324053	5.164 ng/ml
MDMA	3.359	40764	29641.4	89.0	608.0	65812	5.110 ng/ml
Meprobamate	4.950	12372	1926.0	33.1	87.1	92118	4.938 ng/ml
Methadone	5.667	41228	805.2	74.5	1733.8	440333	5.377 ng/ml

AM #28 Multi-Drug Quant. Results

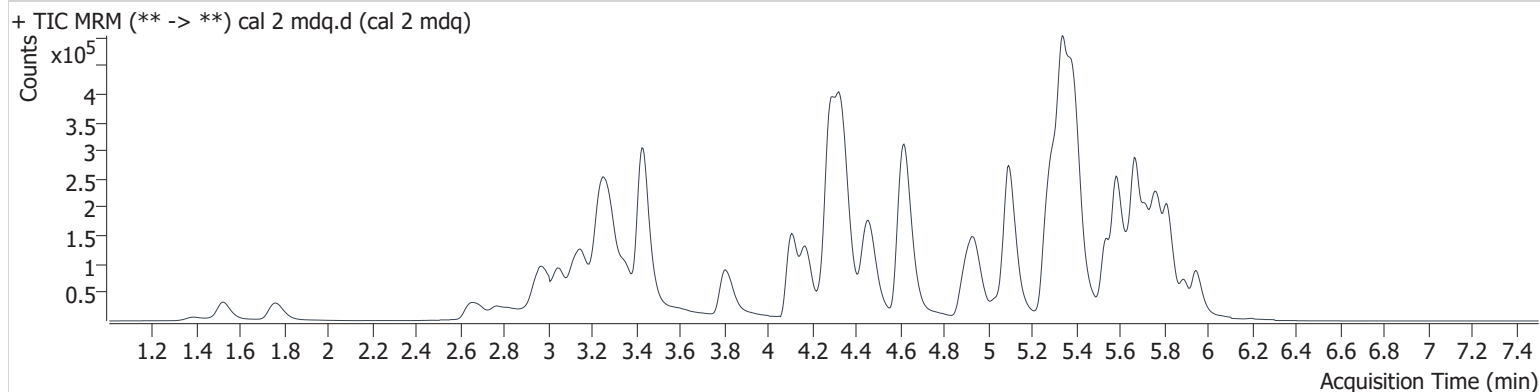
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	98059	156.7	41.2	137.2	514868	5.139 ng/ml
Metoprolol	4.369	8408	1554.8	96.5	327.8	327231	4.711 ng/ml
Mirtazapine	4.948	68060	74744.0	50.7	287.6	440333	4.950 ng/ml
Mitragynine	5.390	8374	165.7	23.4	1992.1	440333	4.944 ng/ml
Morphine	1.397	1848	1202.6	33.9	1768.1	2253	5.193 ng/ml
Norbuprenorphine	5.073	104	7.3 Low	84.5	143.5	8532	0.269 ng/ml
Nordiazepam	5.896	16738	10012.1	50.7	3541.2	116305	5.044 ng/ml
Norfentanyl	4.122	643	15.3	309.1	36.2	458139	0.488 ng/ml
Noroxycodone	2.984	11722	17.1	49.7	671.6	81396	4.955 ng/ml
O-desmethyl-tramadol	3.435	84953	4428.6	6.1	250.5	930638	5.625 ng/ml
Oxazepam	5.761	23581	349.8	70.6	135.1	279747	5.026 ng/ml
Oxycodone	2.988	29404	291.9	29.1	297.7	260598	4.773 ng/ml
Oxymorphone	1.529	14967	398.8	51.3	118.0	118074	4.485 ng/ml
Phentermine	3.836	10032	20.3	12.3	35.0	320612	5.173 ng/ml
Promethazine	5.591	45190	1203.9	38.1	186.2	437677	5.453 ng/ml
Quetiapine	5.681	24718	22475.1	53.9	11290.7	57646	4.949 ng/ml
Sertraline	5.792	8350	337.9	95.7	7722.3	66605	5.231 ng/ml
Temazepam	5.823	42145	956.8	29.8	79.9	369848	5.058 ng/ml
Tramadol	4.293	110608	4209.1	3.4	10.3	1016463	4.921 ng/ml
Trazodone	5.583	51988	61907.1	77.9	37408.2	461602	4.907 ng/ml
Venlafaxine	5.097	60884	178.3	40.2	390.4	917584	6.264 ng/ml
Zolpidem	5.402	87588	867.5	32.3	998.9	944777	5.048 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 10:30:43 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	1555	2396.0	74.3	82.0	37690	0.921 ng/ml
7-aminoclonazepam	4.333	41594	2374.8	84.0	2592.6	165556	10.033 ng/ml
a-hydroxyalprazolam	5.707	5858	117.2	55.7	702.1	30069	10.091 ng/ml
alpha-PVP	4.474	126918	5756.7	48.1	1053.9	516703	10.232 ng/ml
Alprazolam	5.781	39266	962.7	105.8	26559.7	138716	10.182 ng/ml
Amphetamine	3.130	207534	282.1	42.2	421.9	324795	10.091 ng/ml
Benzoylcegonine	3.925	2294	786.8	8.0	166.2	9563	12.090 ng/ml
Buprenorphine	5.990	1038	241.6	18.7	142.9	38213	1.040 ng/ml
Bupropion	4.924	110177	4678.9	66.1	602.8	352873	10.226 ng/ml
Carisoprodol	5.731	26389	1026.7	84.0	239.8	142882	9.968 ng/ml
Citalopram	5.276	66623	420.2	32.9	21370.1	313297	10.000 ng/ml
Clonazepam	5.630	29575	204.6	32.8	339.1	56251	9.621 ng/ml
Cocaine	4.342	101291	8938.7	45.6	1913.9	741862	10.090 ng/ml
Codeine	2.827	8154	317.5	116.5	11615.4	45676	9.389 ng/ml
Cyclobenzaprine	5.648	48197	24956.1	8.4	118.2	170646	10.077 ng/ml
Dextromethorphan	5.321	51729	67366.8	75.7	43114.7	257386	10.240 ng/ml
Dextrorphan	4.176	26372	23550.4	209.0	374.8	325098	9.697 ng/ml
Diazepam	5.947	31784	573.1	85.7	1071.1	144383	9.976 ng/ml
Dihydrocodeine	2.689	23182	1414.5	65.9	6477.7	138294	9.892 ng/ml
Diphenhydramine	5.347	226620	12895.7	28.3	1071.9	1154301	10.257 ng/ml
Doxylamine	4.625	234268	3977.1	95.7	3072.3	982329	9.904 ng/ml
EDDP	5.305	29808	31478.4	246.3	1892.2	361364	9.863 ng/ml
Fentanyl	5.276	7606	50.9	70.0	5269.5	399182	1.054 ng/ml
Fluoxetine	5.719	49163	58559.0	7.7	2105.6	173954	10.065 ng/ml
Hydrocodone	3.204	34962	98.3	39.8	374.1	215656	10.250 ng/ml
Hydromorphone	1.777	31304	3013.2	80.8	1595.6	97799	9.854 ng/ml
Ketamine	4.279	78901	2371.8	33.9	52.4	324140	10.383 ng/ml
Lamotrigine	4.416	7003	4488.3	82.9	3277.7	324140	10.267 ng/ml
Lorazepam	5.754	30744	1469.7	54.1	88.6	56251	9.744 ng/ml
MDA	3.267	118250	827.0	22.6	307.0	315287	9.960 ng/ml
MDMA	3.359	85438	59135.9	81.7	290.9	69466	10.122 ng/ml
Meprobamate	4.950	22976	2518.5	33.2	218.2	90094	9.901 ng/ml
Methadone	5.672	82295	1326.8	73.5	2667.4	463141	9.953 ng/ml

AM #28 Multi-Drug Quant. Results

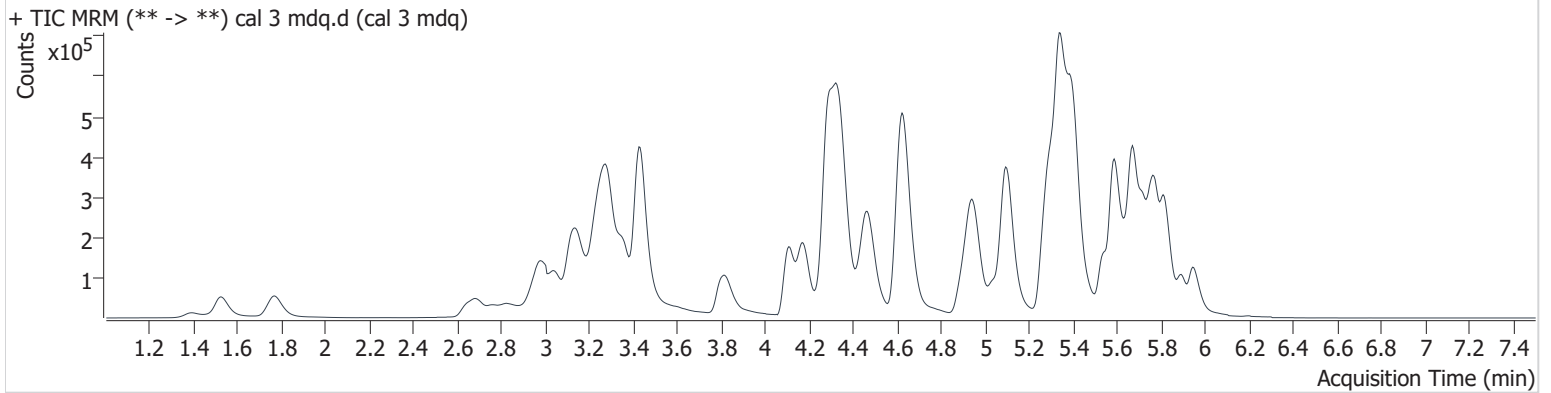
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	164264	∞	40.7	115.3	604557	9.524 ng/ml
Metoprolol	4.369	17224	1000.5	89.0	589.0	324140	10.684 ng/ml
Mirtazapine	4.948	140760	521.1	49.6	4629.7	463141	9.919 ng/ml
Mitragynine	5.390	14715	10878.9	31.8	5063.0	463141	9.656 ng/ml
Morphine	1.397	4236	1078.9	36.5	550.1	3016	9.249 ng/ml
Norbuprenorphine	5.032	200	392.6	84.2	140.5	8567	0.808 ng/ml
Nordiazepam	5.896	31884	31478.6	53.1	60028.3	116024	9.872 ng/ml
Norfentanyl	4.132	1865	77.1	295.4	72.4	620696	1.058 ng/ml
Noroxycodone	2.989	23545	527.3	50.3	43.4	87678	9.130 ng/ml
O-desmethyl-tramadol	3.435	165494	7823.7	6.5	307.7	931391	10.156 ng/ml
Oxazepam	5.761	43342	758.4	74.0	96.3	270120	9.724 ng/ml
Oxycodone	2.983	59386	801.7	31.6	5389.8	258686	9.953 ng/ml
Oxymorphone	1.529	33077	1797.4	49.5	2220.2	119880	10.106 ng/ml
Phentermine	3.836	20209	35.4	11.7	35.7	332948	9.389 ng/ml
Promethazine	5.591	90356	452.2	38.7	788.8	467386	9.776 ng/ml
Quetiapine	5.681	49347	1399.2	52.8	4642.0	60112	10.121 ng/ml
Sertraline	5.786	15195	358.7	94.0	14601.4	63353	9.828 ng/ml
Temazepam	5.823	81239	784.8	30.3	65.7	369241	9.862 ng/ml
Tramadol	4.298	215959	615.8	3.0	81.4	1020917	10.146 ng/ml
Trazodone	5.583	100406	55195.5	77.6	43505.7	466654	10.053 ng/ml
Venlafaxine	5.092	120582	9927.3	40.4	244.3	917865	10.597 ng/ml
Zolpidem	5.402	174817	257986.4	32.0	10322.2	947726	10.032 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 10:41:32 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	4668	4702.3	73.5	4577.8	42535	2.566 ng/ml
7-aminoclonazepam	4.333	110187	1517.5	85.9	1502.8	180785	23.874 ng/ml
a-hydroxyalprazolam	5.707	15335	468.7	61.8	10136.3	33583	23.516 ng/ml
alpha-PVP	4.474	343543	16019.9	49.2	788.3	581216	24.716 ng/ml
Alprazolam	5.781	106256	2059.4	100.8	892.2	146796	23.561 ng/ml
Amphetamine	3.130	541858	3707.1	43.1	785.1	356095	25.166 ng/ml
Benzoylcegonine	3.930	6734	98.3	7.5	562.2	11192	24.844 ng/ml
Buprenorphine	5.995	2464	494.4	16.5	618.5	38979	2.353 ng/ml
Bupropion	4.929	296724	8153.2	66.8	3950.2	399419	24.858 ng/ml
Carisoprodol	5.731	70234	602.3	84.6	867.0	153187	24.646 ng/ml
Citalopram	5.276	183504	1922.3	32.8	286.5	340686	24.363 ng/ml
Clonazepam	5.630	79969	34351.4	31.4	22324.6	59644	25.155 ng/ml
Cocaine	4.342	275386	674.7	45.0	8440.2	822171	24.883 ng/ml
Codeine	2.827	24557	7161.0	109.9	1832.7	52124	24.898 ng/ml
Cyclobenzaprine	5.648	128753	98625.1	9.0	7483.1	189154	24.500 ng/ml
Dextromethorphan	5.315	139632	81750.4	79.9	341749.5	284649	24.737 ng/ml
Dextrorphan	4.176	77315	87502.0	213.1	9006.9	374258	24.659 ng/ml
Diazepam	5.952	82490	1894.9	86.7	7015.6	153662	24.690 ng/ml
Dihydrocodeine	2.689	64339	4900.8	66.8	1560.9	158372	24.128 ng/ml
Diphenhydramine	5.347	606994	11387.9	29.3	498.3	1265462	23.790 ng/ml
Doxylamine	4.630	653493	842.0	95.6	1377.9	1109928	24.325 ng/ml
EDDP	5.299	81384	43001.2	248.8	13878.0	397287	24.671 ng/ml
Fentanyl	5.281	19105	199.8	65.0	589.8	423791	2.479 ng/ml
Fluoxetine	5.719	127690	1572.5	7.2	363.6	185561	25.194 ng/ml
Hydrocodone	3.198	88664	1127.3	43.2	684.5	248681	22.056 ng/ml
Hydromorphone	1.772	84375	1569.5	72.2	8805.6	117157	23.476 ng/ml
Ketamine	4.285	211924	1102.0	33.0	227.8	358924	26.504 ng/ml
Lamotrigine	4.421	18644	4738.1	85.0	12848.8	358924	24.442 ng/ml
Lorazepam	5.754	75029	871.3	56.7	402.5	59644	26.300 ng/ml
MDA	3.272	319292	5115.6	23.1	490.2	343317	24.425 ng/ml
MDMA	3.359	237387	209130.2	84.1	242.9	76129	25.625 ng/ml
Meprobamate	4.950	64835	11809.4	33.1	590.7	100183	26.026 ng/ml
Methadone	5.672	220141	7698.4	74.0	4159.4	498441	24.321 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	378395	557.6	39.5	∞	682314	24.789 ng/ml
Metoprolol	4.369	43322	2856.7	92.4	1789.4	358924	25.389 ng/ml
Mirtazapine	4.954	374193	5648.7	51.8	2476.7	498441	24.785 ng/ml
Mitragynine	5.395	39808	54040.0	25.7	1974.6	498441	27.427 ng/ml
Morphine	1.392	11197	912.6	36.0	50.9	3149	24.195 ng/ml
Norbuprenorphine	5.063	515	76.9	108.6	224.0	9093	2.417 ng/ml
Nordiazepam	5.896	84628	91047.8	53.1	11042.4	123936	24.923 ng/ml
Norfentanyl	4.132	4789	308.7	321.0	256.9	713272	2.378 ng/ml
Noroxycodone	2.989	71798	611.5	46.1	3770.4	98334	24.604 ng/ml
O-desmethyl-tramadol	3.435	466571	23404.7	6.3	2230.7	1052088	24.094 ng/ml
Oxazepam	5.761	119312	1877.5	67.9	647.7	292614	24.980 ng/ml
Oxycodone	2.988	164414	2051.9	33.6	1293.6	285114	25.357 ng/ml
Oxymorphone	1.529	91342	2144.7	50.1	1392.2	134986	25.209 ng/ml
Phentermine	3.836	60707	77.9	11.4	118.0	375897	23.840 ng/ml
Promethazine	5.591	244436	1451.0	37.6	1301.1	492732	24.306 ng/ml
Quetiapine	5.686	126007	161979.0	55.7	49448.6	64656	24.997 ng/ml
Sertraline	5.786	39590	625.4	93.9	12123.6	65784	24.361 ng/ml
Temazepam	5.823	214363	1055.3	30.2	178.3	398851	24.240 ng/ml
Tramadol	4.298	586413	8428.8	3.1	154.3	1151814	25.281 ng/ml
Trazodone	5.583	264097	127327.5	76.5	171387.6	498991	25.814 ng/ml
Venlafaxine	5.092	319204	20884.5	43.3	1922.3	1023236	22.630 ng/ml
Zolpidem	5.407	464353	2589.9	31.9	3812.5	1057177	23.874 ng/ml

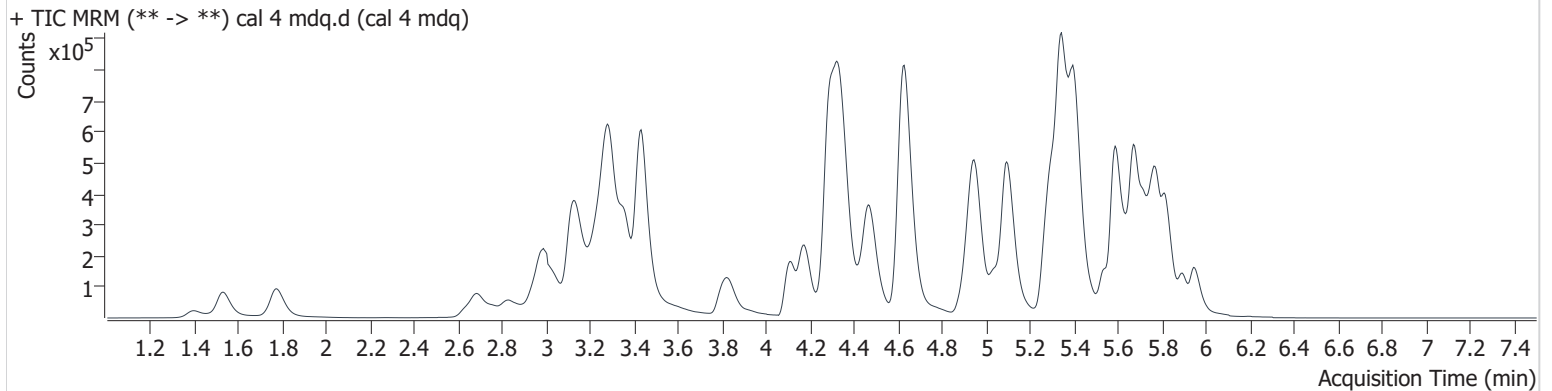
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument 69679
Type Cal
Acq. Method MDQP1 5-27-20.m
Sample Position P2-D1
Injection Volume 2
Acq. Date-Time 7/29/2020 10:52:21 AM
Sample Info.

Data File cal 4 mdq.d
Sample cal 4 mdq
Operator Anne Nord
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	10204	8958.2	73.5	1964.8	45127	5.360 ng/ml
7-aminoclonazepam	4.333	232456	177257.0	85.4	3784.7	183848	49.176 ng/ml
a-hydroxyalprazolam	5.707	29081	1311.4	65.9	22846.5	29027	51.479 ng/ml
alpha-PVP	4.474	636254	2897.0	48.4	2464.1	533854	49.904 ng/ml
Alprazolam	5.781	207249	2441.4	102.5	1543.4	141981	45.897 ng/ml
Amphetamine	3.125	1085674	6991.5	43.4	5211.0	338477	53.957 ng/ml
Benzoylcegonine	3.930	14594	849.8	8.0	1520.8	13000	43.206 ng/ml
Buprenorphine	5.995	3810	4775.4	20.1	564.5	29715	4.720 ng/ml
Bupropion	4.929	552324	13975.2	66.4	2480.2	364158	51.150 ng/ml
Carisoprodol	5.731	142174	3124.1	82.3	1358.4	148564	51.370 ng/ml
Citalopram	5.276	345425	2632.2	30.3	111970.1	305583	50.435 ng/ml
Clonazepam	5.630	143105	136767.9	33.0	991.3	52542	51.510 ng/ml
Cocaine	4.342	544942	69253.9	45.3	104864.1	802986	50.507 ng/ml
Codeine	2.827	52826	1068.1	108.9	653.1	51739	54.043 ng/ml
Cyclobenzaprine	5.648	221444	203521.3	8.8	2672.6	157916	50.634 ng/ml
Dextromethorphan	5.321	248305	280.1	81.1	134288.1	245743	50.764 ng/ml
Dextrorphan	4.176	149742	141778.4	213.2	57650.2	352137	50.734 ng/ml
Diazepam	5.952	150205	3716.1	85.6	3687.0	134702	51.558 ng/ml
Dihydrocodeine	2.684	143425	2494.5	67.6	443.5	169266	50.442 ng/ml
Diphenhydramine	5.347	1168674	37231.3	29.7	4920.2	1185981	47.946 ng/ml
Doxylamine	4.630	1350940	130348.7	96.1	11397.5	1121517	49.678 ng/ml
EDDP	5.305	139548	285921.4	242.2	4211.8	338246	49.808 ng/ml
Fentanyl	5.281	32253	289.5	70.1	2754.6	370604	4.777 ng/ml
Fluoxetine	5.719	200470	157784.5	7.3	11987.1	146527	50.562 ng/ml
Hydrocodone	3.198	215858	2491.8	42.5	614.9	259290	50.960 ng/ml
Hydromorphone	1.777	181075	3549.9	84.1	2375.8	122492	49.284 ng/ml
Ketamine	4.279	408877	4112.8	33.7	813.6	346914	53.827 ng/ml
Lamotrigine	4.416	39449	2681.3	85.3	1336.5	346914	53.302 ng/ml
Lorazepam	5.754	134298	2892.7	58.0	764.5	52542	56.510 ng/ml
MDA	3.267	628370	3235.6	22.9	2653.2	329517	49.887 ng/ml
MDMA	3.359	491828	318812.6	84.4	2745.2	81929	49.309 ng/ml
Meprobamate	4.950	141528	5189.8	32.3	78.2	106752	53.929 ng/ml
Methadone	5.672	385392	5031.7	73.6	3579.5	430743	48.982 ng/ml



AM #28 Multi-Drug Quant. Results

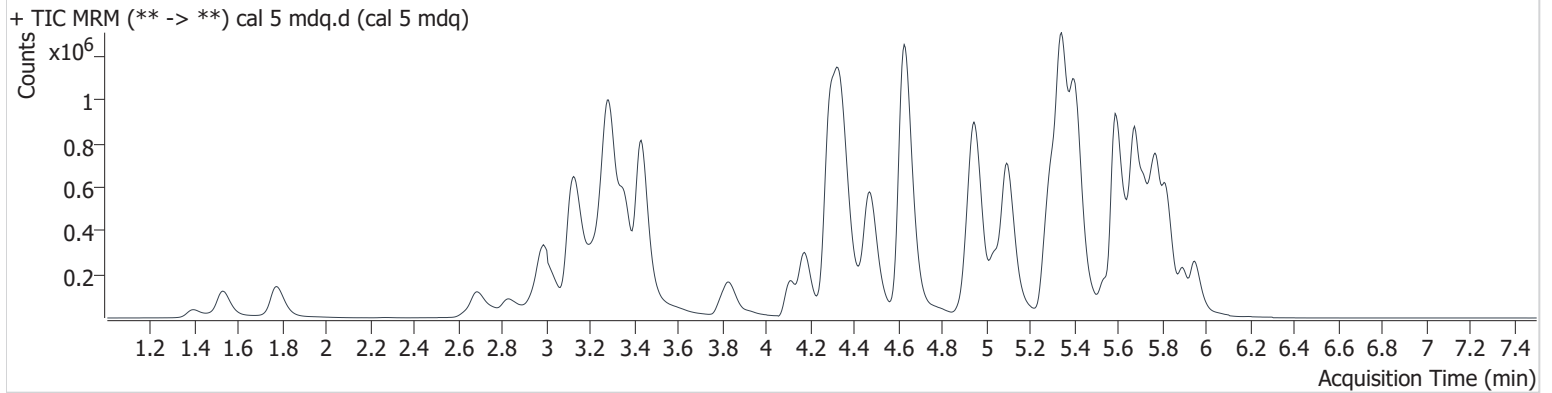
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	729786	409.0	42.4	∞	726961	49.036 ng/ml
Metoprolol	4.369	95496	409.3	92.7	4111.0	346914	59.032 ng/ml
Mirtazapine	4.954	735122	4894.5	51.8	3143.0	430743	56.589 ng/ml
Mitragynine	5.395	63300	24891.0	31.0	807.7	430743	52.216 ng/ml
Morphine	1.397	25111	1519.9	34.7	1598.8	3198	54.036 ng/ml
Norbuprenorphine	5.053	949	988.6	86.8	1005.3	7784	5.567 ng/ml
Nordiazepam	5.896	148637	272201.1	54.2	110765.0	109813	49.663 ng/ml
Norfentanyl	4.132	10549	489.2	296.5	504.3	714105	5.246 ng/ml
Noroxycodone	2.989	157475	2739.1	45.6	778.0	101293	52.243 ng/ml
O-desmethyl-tramadol	3.435	1021553	29506.4	6.2	5032.2	1118484	48.735 ng/ml
Oxazepam	5.761	216389	4263.7	70.5	2440.7	260538	51.063 ng/ml
Oxycodone	2.983	346219	2769.8	32.8	1658.0	298878	51.174 ng/ml
Oxymorphone	1.529	194291	4851.6	50.1	7596.8	139524	52.185 ng/ml
Phentermine	3.836	140331	273.2	10.6	171.9	392515	51.941 ng/ml
Promethazine	5.591	426277	27956.1	39.2	7574.1	415311	49.757 ng/ml
Quetiapine	5.681	234880	171518.1	57.8	46724.0	58828	51.952 ng/ml
Sertraline	5.786	62506	1600.5	91.6	65130.0	49965	50.426 ng/ml
Temazepam	5.823	396536	7739.4	29.5	896.3	353544	50.699 ng/ml
Tramadol	4.298	1226495	209796.1	3.0	36.7	1172155	52.606 ng/ml
Trazodone	5.583	498293	112614.3	76.6	418618.5	454075	54.322 ng/ml
Venlafaxine	5.092	670823	8994.3	40.8	1980.1	1004382	46.348 ng/ml
Zolpidem	5.407	1003172	334856.6	31.6	253068.9	1112983	48.979 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 11:03:11 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.258	16647	6121.9	67.0	1346.3	39118	10.149 ng/ml
7-aminoclonazepam	4.333	388230	30559.7	83.9	8245.9	153501	98.039 ng/ml
a-hydroxyalprazolam	5.707	51032	2921.7	63.0	706.2	26731	98.008 ng/ml
alpha-PVP	4.474	1224807	17992.8	48.9	59911.4	516934	99.277 ng/ml
Alprazolam	5.781	372412	101755.6	101.8	7859.1	124283	92.544 ng/ml
Amphetamine	3.125	2048393	1737.6	43.3	7294.3	332091	104.519 ng/ml
Benzoylcegonine	3.925	25945	192.6	7.2	1172.2	10279	92.613 ng/ml
Buprenorphine	6.000	8632	4048.9	15.6	1313.6	33598	9.410 ng/ml
Bupropion	4.929	1112736	11537.7	65.8	5164.9	366667	102.727 ng/ml
Carisoprodol	5.731	251882	5415.0	82.6	2674.1	134975	100.109 ng/ml
Citalopram	5.276	643709	3039.0	32.2	209403.3	285266	100.053 ng/ml
Clonazepam	5.630	269605	344588.1	32.3	943.9	49494	103.418 ng/ml
Cocaine	4.342	1003756	51121.6	45.4	100885.9	743628	100.547 ng/ml
Codeine	2.822	94362	3328.8	111.7	2650.2	49694	100.573 ng/ml
Cyclobenzaprine	5.648	421157	89566.2	9.2	1434.4	152049	100.163 ng/ml
Dextromethorphan	5.321	433177	31576.8	80.4	338457.2	220260	98.638 ng/ml
Dextrorphan	4.176	250919	4127.7	214.2	7861.7	300515	99.596 ng/ml
Diazepam	5.952	300234	20641.3	87.8	47610.2	139726	99.584 ng/ml
Dihydrocodeine	2.684	252298	2701.8	67.1	2936.2	149113	100.833 ng/ml
Diphenhydramine	5.347	2137624	82766.0	29.6	4515.0	1086922	94.815 ng/ml
Doxylamine	4.630	2431891	13967.0	94.5	15840.4	1016480	98.583 ng/ml
EDDP	5.305	273036	40988.1	234.3	6243.6	323617	101.984 ng/ml
Fentanyl	5.281	69142	797.2	63.8	6213.1	373983	10.136 ng/ml
Fluoxetine	5.719	407159	305137.9	7.4	33064.7	150169	100.672 ng/ml
Hydrocodone	3.198	369620	1174.3	44.0	661.3	223736	100.729 ng/ml
Hydromorphone	1.772	309365	2453.9	80.8	9691.0	94260	110.694 ng/ml
Ketamine	4.285	749606	6347.4	33.8	893.3	316591	109.069 ng/ml
Lamotrigine	4.421	68530	671.2	85.7	1771.3	316591	101.306 ng/ml
Lorazepam	5.754	237015	20646.3	56.8	1185.9	49494	108.471 ng/ml
MDA	3.267	1174124	1690.3	23.7	3334.7	305159	100.469 ng/ml
MDMA	3.359	877033	738.7	83.5	391.1	73355	98.182 ng/ml
Meprobamate	4.950	231263	5827.6	34.3	1536.5	91671	103.148 ng/ml
Methadone	5.672	743007	8120.6	73.5	1148.6	414135	97.938 ng/ml

AM #28 Multi-Drug Quant. Results

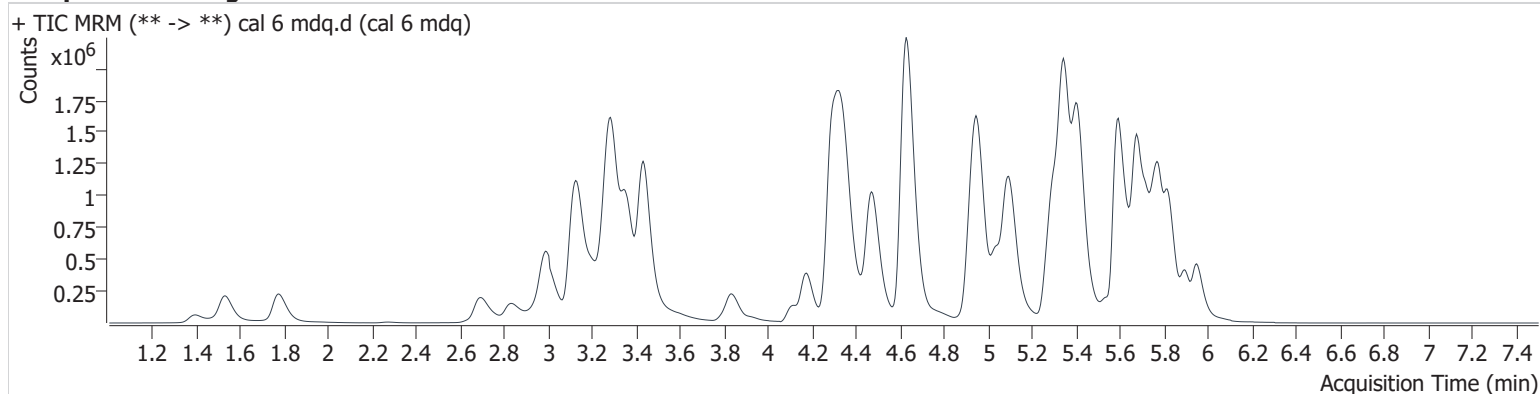
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	1256428	∞	40.9	∞	667522	96.436 ng/ml
Metoprolol	4.369	159209	285326.8	99.0	4827.6	316591	108.571 ng/ml
Mirtazapine	4.954	1336574	17124.7	52.5	6346.7	414135	107.186 ng/ml
Mitragynine	5.395	126604	130513.1	29.8	5964.1	414135	110.874 ng/ml
Morphine	1.392	41105	1680.3	37.9	996.2	3086	92.020 ng/ml
Norbuprenorphine	5.053	1553	1314.0	104.7	1786.3	7992	9.057 ng/ml
Nordiazepam	5.896	292910	12639.5	52.9	1907.4	109989	97.968 ng/ml
Norfentanyl	4.132	17723	337.1	305.5	238.3	645233	9.763 ng/ml
Noroxycodone	2.984	278169	1961.6	46.3	439.2	91056	102.537 ng/ml
O-desmethyl-tramadol	3.435	1809481	15578.6	6.4	5401.8	1004702	95.285 ng/ml
Oxazepam	5.761	386786	4841.3	70.2	1045.1	238165	100.013 ng/ml
Oxycodone	2.983	618301	1231.1	34.2	4196.4	271283	100.913 ng/ml
Oxymorphone	1.529	343326	1824.8	50.3	3579.3	125686	102.648 ng/ml
Phentermine	3.836	257049	218.4	9.8	293.9	367542	100.950 ng/ml
Promethazine	5.591	848094	18628.7	38.9	4431.1	423127	96.691 ng/ml
Quetiapine	5.681	431842	290997.1	58.0	214508.9	56464	100.162 ng/ml
Sertraline	5.792	134962	11515.5	94.9	121471.6	54756	99.161 ng/ml
Temazepam	5.823	763347	2477.0	29.7	258.0	345752	99.896 ng/ml
Tramadol	4.298	2174007	124568.5	3.2	716.9	1069038	102.818 ng/ml
Trazodone	5.583	975916	835008.0	77.9	621572.4	461644	105.336 ng/ml
Venlafaxine	5.097	1228594	18755.2	40.9	7003.9	915321	91.283 ng/ml
Zolpidem	5.407	1791000	11625.4	31.1	562094.9	982128	99.084 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 11:13:59 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	31704	997.0	73.2	2002.2	29001	26.180 ng/ml
7-aminoclonazepam	4.333	706027	9659.0	81.6	2209.3	108262	252.278 ng/ml
a-hydroxyalprazolam	5.707	95941	864.6	61.6	42007.6	19228	255.998 ng/ml
alpha-PVP	4.474	2503090	29263.5	49.7	10973.1	417113	251.546 ng/ml
Alprazolam	5.781	725970	45063.9	101.6	4309.5	94201	235.514 ng/ml
Amphetamine	3.125	3686179	6404.1	43.4	19516.4	242787	258.469 ng/ml
Benzoylcegonine	3.925	48117	4811.1	7.7	553.4	6359	270.356 ng/ml
Buprenorphine	5.995	17697	13408.9	17.3	980.1	26497	24.382 ng/ml
Bupropion	4.929	2222601	17732.9	65.3	8658.1	298877	252.285 ng/ml
Carisoprodol	5.731	467084	5214.7	81.8	3984.9	101535	246.681 ng/ml
Citalopram	5.276	1237975	24060.9	32.5	376061.2	226224	241.742 ng/ml
Clonazepam	5.630	518279	1719.5	31.1	62730.5	39450	249.990 ng/ml
Cocaine	4.342	1947485	103842.6	45.6	7627.6	584773	248.207 ng/ml
Codeine	2.827	175774	2349.0	115.6	6382.1	38423	242.398 ng/ml
Cyclobenzaprine	5.648	774579	740993.9	9.3	2534.0	110823	252.977 ng/ml
Dextromethorphan	5.315	697461	34429.2	79.9	40502.7	138138	252.953 ng/ml
Dextrorphan	4.171	409771	387418.3	216.4	100934.5	194504	251.262 ng/ml
Diazepam	5.947	642294	2587.6	86.2	6158.2	117120	254.552 ng/ml
Dihydrocodeine	2.689	456570	5578.1	69.3	3962.0	104215	261.257 ng/ml
Diphenhydramine	5.347	4207894	2355.3	30.0	49020.0	848027	237.880 ng/ml
Doxylamine	4.625	4846438	55323.8	94.3	376317.3	802050	248.857 ng/ml
EDDP	5.305	560827	451916.4	237.6	9184.1	273780	247.780 ng/ml
Fentanyl	5.281	146996	2290.1	62.2	105859.1	303355	26.550 ng/ml
Fluoxetine	5.724	745642	485632.5	7.4	1157.3	111960	247.980 ng/ml
Hydrocodone	3.198	675784	596.8	43.9	490.0	160898	255.466 ng/ml
Hydromorphone	1.772	528527	1617.9	85.1	10042.1	63639	281.707 ng/ml
Ketamine	4.279	1439679	11369.9	33.4	948.2	259389	256.915 ng/ml
Lamotrigine	4.416	140897	6410.8	85.9	837.8	259389	253.955 ng/ml
Lorazepam	5.754	441173	8348.6	56.8	2182.1	39450	257.286 ng/ml
MDA	3.267	2259720	5445.6	23.9	6739.7	240188	245.400 ng/ml
MDMA	3.359	1704684	773.5	85.0	61615.4	58520	239.180 ng/ml
Meprobamate	4.950	440284	255925.1	33.1	2589.8	69794	258.808 ng/ml
Methadone	5.672	1514293	1682399.5	71.7	2706.4	331903	248.625 ng/ml



AM #28 Multi-Drug Quant. Results

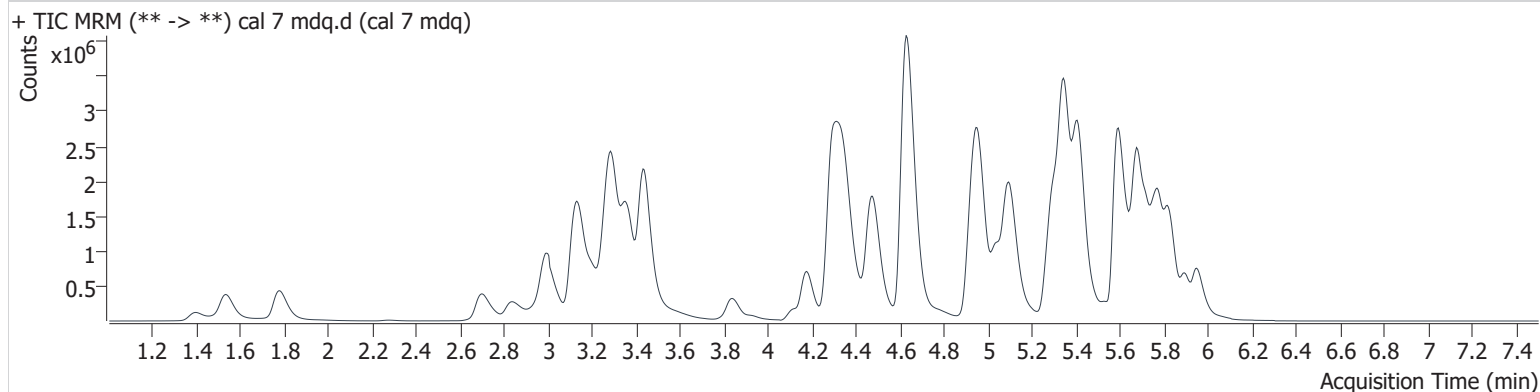
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	2188031	4631.2	40.5	1847.2	434392	266.686 ng/ml
Metoprolol	4.374	305611	3433.5	94.8	12437.4	259389	255.551 ng/ml
Mirtazapine	4.954	2551582	14268.5	51.5	13905.9	331903	255.585 ng/ml
Mitragynine	5.395	232862	157870.9	29.9	78995.0	331903	257.153 ng/ml
Morphine	1.392	76541	1238.8	34.4	784.9	2041	259.971 ng/ml
Norbuprenorphine	5.053	3315	451.4	98.1	3531.9	6164	25.639 ng/ml
Nordiazepam	5.896	611954	645944.0	53.7	106892.5	91222	247.186 ng/ml
Norfentanyl	4.127	32488	961.1	299.7	313.4	458689	25.193 ng/ml
Noroxycodone	2.989	513863	3029.9	46.8	3888.3	68682	250.935 ng/ml
O-desmethyl-tramadol	3.435	3619478	572992.2	6.4	8508.5	788735	241.489 ng/ml
Oxazepam	5.761	750687	9529.7	70.1	3158.0	183259	252.532 ng/ml
Oxycodone	2.988	1244232	5859.1	34.1	5743.4	219021	251.878 ng/ml
Oxymorphone	1.529	678276	15265.7	50.2	18720.1	100060	255.161 ng/ml
Phentermine	3.836	478569	400.6	9.3	826.9	265548	259.051 ng/ml
Promethazine	5.591	1615112	3843.7	38.7	7993.5	311242	249.540 ng/ml
Quetiapine	5.686	841469	476942.3	58.4	317759.8	42605	259.778 ng/ml
Sertraline	5.792	241686	13871.1	97.7	306079.0	38668	251.152 ng/ml
Temazepam	5.823	1565435	18493.8	30.2	1170.8	284936	248.741 ng/ml
Tramadol	4.298	4267163	217486.9	3.3	1675.9	859987	251.754 ng/ml
Trazodone	5.588	1888483	829869.2	79.5	664813.8	390440	241.966 ng/ml
Venlafaxine	5.092	2551876	190082.5	40.1	9262.3	739390	231.820 ng/ml
Zolpidem	5.407	3498180	1714697.5	31.0	15427.3	760943	249.769 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument	69679	Data File	cal 7 mdq.d
Type	Cal	Sample	cal 7 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	7/29/2020 11:24:46 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	56315	54758.3	74.9	3054.4	28169	47.933 ng/ml
7-aminoclonazepam	4.333	1073705	1761.0	79.4	7753.6	80687	514.436 ng/ml
a-hydroxyalprazolam	5.707	136282	4806.0	66.0	428.0	14501	482.098 ng/ml
alpha-PVP	4.474	4627967	36804.7	50.4	12595.5	388334	499.616 ng/ml
Alprazolam	5.781	1243663	841.4	98.2	749.2	78005	485.530 ng/ml
Amphetamine	3.132	5667133	35089.2	43.4	5326.7	198131	487.658 ng/ml
Benzoylcegonine	3.925	99511	3334.8	7.4	43.1	8157	433.673 ng/ml
Buprenorphine	6.000	37726	23923.5	16.3	6461.0	26297	52.314 ng/ml
Bupropion	4.924	4079764	89585.0	64.1	14144.7	275960	501.924 ng/ml
Carisoprodol	5.731	733155	39874.9	81.2	9323.9	79884	492.080 ng/ml
Citalopram	5.271	2279106	6373.7	31.9	40526.5	204379	491.959 ng/ml
Clonazepam	5.625	785545	105769.9	32.7	146988.9	30514	490.243 ng/ml
Cocaine	4.342	3464258	185278.5	45.6	962915.1	517593	498.917 ng/ml
Codeine	2.832	351057	8128.1	109.5	2614.9	37048	502.177 ng/ml
Cyclobenzaprine	5.648	1400245	265564.0	9.5	19339.3	102491	494.636 ng/ml
Dextromethorphan	5.321	1166737	1705085.4	79.8	10230.3	119773	487.865 ng/ml
Dextrorphan	4.176	806069	3371.6	217.6	240723.0	192024	500.622 ng/ml
Diazepam	5.952	1166542	25204.6	85.9	35267.6	110036	492.319 ng/ml
Dihydrocodeine	2.694	900828	14174.8	69.3	4880.3	106096	506.430 ng/ml
Diphenhydramine	5.351	7484764	237179.6	29.5	75733.5	741732	482.856 ng/ml
Doxylamine	4.625	9317506	399065.7	93.4	4276.5	753021	509.501 ng/ml
EDDP	5.299	1114839	1343993.5	238.2	125081.4	268088	503.128 ng/ml
Fentanyl	5.281	268817	1490.5	59.9	2785.2	286006	51.488 ng/ml
Fluoxetine	5.724	1332655	64519.7	7.5	110884.8	99340	499.992 ng/ml
Hydrocodone	3.204	1247638	1663.7	44.0	437.9	155743	486.887 ng/ml
Hydromorphone	1.777	1059105	8547.2	84.9	3276.8	71744	501.539 ng/ml
Ketamine	4.279	2309758	13552.1	33.4	2023.9	233066	459.462 ng/ml
Lamotrigine	4.421	240830	4647.3	88.3	2111.3	233066	482.945 ng/ml
Lorazepam	5.754	630400	4968.0	57.8	1866.3	30514	477.820 ng/ml
MDA	3.267	3839132	3797.4	24.0	360.8	197999	505.561 ng/ml
MDMA	3.359	3064099	652.9	84.3	1319.0	49949	503.654 ng/ml
Meprobamate	4.955	657168	12149.5	33.0	5653.0	55602	485.407 ng/ml
Methadone	5.672	2911034	2720.7	71.4	42424.8	318337	498.035 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	3032770	9812.8	40.6	3662.0	320538	505.458 ng/ml
Metoprolol	4.374	455069	136085.4	104.1	37160.3	233066	424.083 ng/ml
Mirtazapine	4.959	4325408	21653.2	51.7	6339.5	318337	451.876 ng/ml
Mitragynine	5.395	408885	2932.5	30.5	182865.1	318337	472.512 ng/ml
Morphine	1.392	155061	16389.8	35.0	566.5	2048	525.460 ng/ml
Norbuprenorphine	5.048	5367	4418.4	101.1	6490.0	5686	45.244 ng/ml
Nordiazepam	5.896	1076536	41440.6	53.7	255274.6	80145	495.211 ng/ml
Norfentanyl	4.132	66560	1235.2	292.5	1220.9	469239	50.465 ng/ml
Noroxycodone	2.994	914679	5330.4	44.4	5009.7	56559	542.256 ng/ml
O-desmethyl-tramadol	3.435	6933445	58815.0	6.4	2697.5	747250	487.419 ng/ml
Oxazepam	5.761	1136458	890464.8	70.6	10842.7	141556	495.103 ng/ml
Oxycodone	2.988	2368811	9301.5	33.8	8664.2	210281	499.696 ng/ml
Oxymorphone	1.529	1307386	27335.8	50.1	16199.7	97892	503.002 ng/ml
Phentermine	3.836	758895	364.8	8.7	925.3	210962	516.399 ng/ml
Promethazine	5.591	3187734	287052.0	38.4	87664.1	309446	494.883 ng/ml
Quetiapine	5.686	1413931	884710.1	59.7	9177.4	38723	480.866 ng/ml
Sertraline	5.792	399180	8326.8	96.0	332073.0	32593	491.934 ng/ml
Temazepam	5.823	2744063	108274.6	30.5	8511.3	251052	494.972 ng/ml
Tramadol	4.293	7704438	381340.1	3.3	1447.3	800854	488.683 ng/ml
Trazodone	5.583	3188198	278792.3	80.7	2080310.3	365865	436.530 ng/ml
Venlafaxine	5.097	4874054	143761.1	39.7	1072.1	673308	484.207 ng/ml
Zolpidem	5.407	6562593	9261.4	29.7	8733.9	701697	508.119 ng/ml

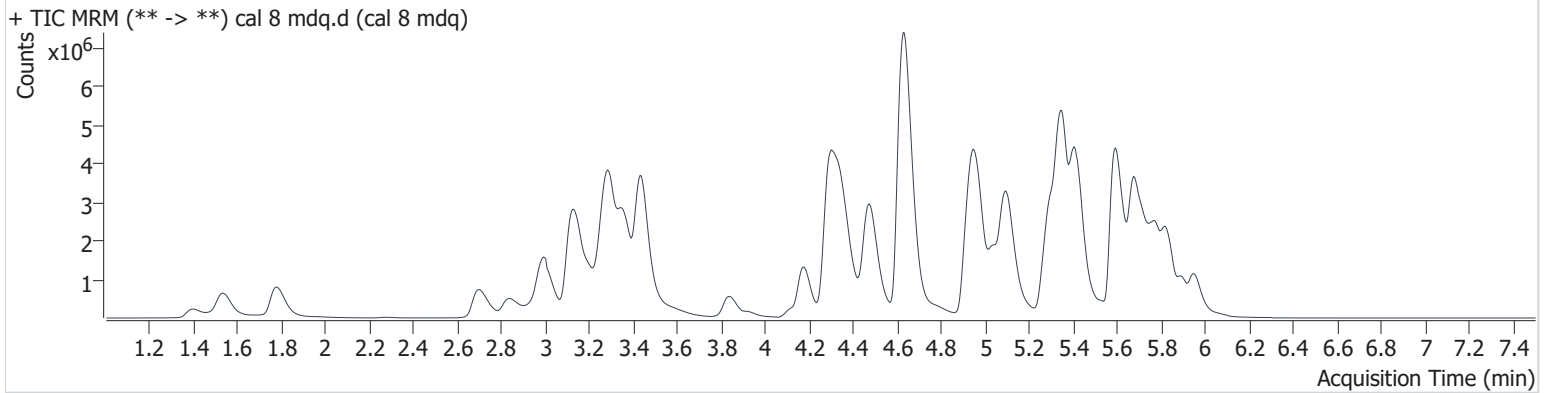


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 7-29-20\QuantResults\mdq.batch.bin
Calibration Last Update 7/30/2020 8:05:40 AM

Instrument 69679 **Data File** cal 8 mdq.d
Type Cal **Sample** cal 8 mdq
Acq. Method MDQP1 5-27-20.m **Operator** Anne Nord
Sample Position P2-H1 **Comment**
Injection Volume 2
Acq. Date-Time 7/29/2020 11:46:19 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.253	96903	1548.6	71.4	3738.1	24901	93.370 ng/ml
7-aminoclonazepam	4.338	1299556	1028.4	79.6	4546.7	48739	1030.462 ng/ml
a-hydroxyalprazolam	5.707	172045	3655.9	64.0	3578.5	8425	1047.416 ng/ml
alpha-PVP	4.474	8097929	5294.8	50.7	27204.8	339598	999.748 ng/ml
Alprazolam	5.781	1942241	21997.6	96.1	31156.1	56743	1040.559 ng/ml
Amphetamine	3.125	9447682	10910.3	44.1	7418.8	186017	866.554 ng/ml
Benzoylcegonine	3.925	244235	4133.9	7.5	515.8	8164	1058.218 ng/ml
Buprenorphine	6.000	64326	16501.8	16.5	1592.2	21071	111.268 ng/ml
Bupropion	4.924	7122437	6593.0	65.2	13796.6	259127	933.508 ng/ml
Carisoprodol	5.731	978082	10198.1	80.2	4389.4	51913	1010.107 ng/ml
Citalopram	5.271	3612802	6389.4	32.4	2430408.6	156739	1016.202 ng/ml
Clonazepam	5.625	1018047	20226.0	32.7	412176.9	19922	973.535 ng/ml
Cocaine	4.346	5761323	344991.7	45.4	208753.3	428685	1001.912 ng/ml
Codeine	2.837	692303	3121.4	108.0	10755.3	37402	981.001 ng/ml
Cyclobenzaprine	5.643	2131893	466493.7	9.2	103869.1	77040	1002.039 ng/ml
Dextromethorphan	5.315	1827716	125782.3	78.8	326632.4	90784	1008.099 ng/ml
Dextrorphan	4.176	1621482	163812.2	216.2	48583.7	193705	998.286 ng/ml
Diazepam	5.952	2004904	121234.4	84.9	5396.8	92906	1002.408 ng/ml
Dihydrocodeine	2.694	1793943	13837.4	72.6	8334.6	111422	960.414 ng/ml
Diphenhydramine	5.352	12225871	245825.8	30.0	3383.0	563784	1036.647 ng/ml
Doxylamine	4.629	18209583	199558.5	91.9	101476.3	726871	1031.474 ng/ml
EDDP	5.299	1888448	215291.8	241.7	6734.3	227486	1004.491 ng/ml
Fentanyl	5.276	440922	3968.2	61.8	25667.4	248844	97.055 ng/ml
Fluoxetine	5.724	2155983	293758.8	7.5	153105.8	80341	1000.658 ng/ml
Hydrocodone	3.204	2138963	1877.9	45.4	1017.0	128872	1008.340 ng/ml
Hydromorphone	1.777	2128794	32931.0	80.4	20461.1	75493	958.976 ng/ml
Ketamine	4.274	3416625	24108.3	33.5	5954.7	191017	829.997 ng/ml
Lamotrigine	4.421	388617	9128.6	87.3	5791.5	191017	950.688 ng/ml
Lorazepam	5.749	592023	3504.3	56.7	3428.6	19922	688.617 ng/ml
MDA	3.262	5380889	2257.5	24.3	34310.4	140396	999.134 ng/ml
MDMA	3.359	5465333	990.5	83.1	190094.8	44479	1008.818 ng/ml
Meprobamate	4.960	897457	781462.2	32.2	30485.6	42625	865.158 ng/ml
Methadone	5.672	4861256	138065.6	70.5	96444.1	262903	1006.768 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.293	5604809	10056.2	37.7	1130.5	299255	1005.596 ng/ml
Metoprolol	4.374	735448	11819.8	95.7	104363.8	191017	837.097 ng/ml
Mirtazapine	4.959	7088939	5102.8	51.7	14048.1	262903	896.928 ng/ml
Mitragynine	5.390	586239	351299.0	31.6	151280.6	262903	821.844 ng/ml
Morphine	1.397	288673	9322.1	34.3	14121.0	2052	976.823 ng/ml
Norbuprenorphine	5.053	9528	8749.8	98.2	3531.4	4232	108.343 ng/ml
Nordiazepam	5.901	1738505	33427.3	52.6	3595249.3	60768	1055.021 ng/ml
Norfentanyl	4.127	136558	85290.5	291.1	3021.1	500177	97.144 ng/ml
Noroxycodone	2.994	1410195	6286.0	48.0	7069.8	49594	953.340 ng/ml
O-desmethyl-tramadol	3.436	13527706	362606.9	6.2	6502.2	691190	1027.196 ng/ml
Oxazepam	5.756	1396936	60277.6	60.8	16834.4	86029	1001.560 ng/ml
Oxycodone	2.988	4519763	8039.1	33.6	10320.9	201291	996.254 ng/ml
Oxymorphone	1.529	2429101	12117.3	50.4	11780.9	92698	987.205 ng/ml
Phentermine	3.836	1409762	551.3	8.5	1241.4	211662	955.531 ng/ml
Promethazine	5.591	5781748	734664.0	37.8	83351.5	274976	1009.595 ng/ml
Quetiapine	5.686	2188249	1386786.4	59.5	1134687.9	30144	956.718 ng/ml
Sertraline	5.792	681646	247625.7	95.6	578401.1	27159	1007.906 ng/ml
Temazepam	5.828	4474698	52158.4	29.8	17825.9	195865	1034.675 ng/ml
Tramadol	4.297	13183780	442179.9	3.3	5073.8	724282	925.186 ng/ml
Trazodone	5.588	5022165	120008.6	80.3	4956790.8	348955	721.444 ng/ml
Venlafaxine	5.097	9037547	305204.6	37.8	1053.8	576273	1046.852 ng/ml
Zolpidem	5.407	11576029	45426.1	28.9	9758.7	600948	1046.544 ng/ml