

REVIEWED

By Brittany Wylie at 1:31 pm, Aug 28, 2020









8/28/2020

Worklist: 4474

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2020-1595	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



Worklist: 4473

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2020-1641	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1644	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1644	2	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1644	3	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1648	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1665	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1669	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1681	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date 8/28/20

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: 20A52255 **Urine Blank lot:** 73020

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 –Buprenorphine 1-100, Benzoylcegonine 10-1000, Norbuprenorphine 2.5-100
Not evaluated Norhydrocodone.

~~A~~

In first injection set there was interference for methamphetamine, it was not evaluated with those injections. Mobile phase b was remade and, calibrators, controls and samples C2020-1641-2, C2020-1665-1, C2020-1648 were reinjected and evaluated for methamphetamine. Only methamphetamine was evaluated in the reinjection.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1644-2	neg blood	IS + Cal. 1	IS + QC_1					IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	1644-3		IS + Cal. 2	IS + QC_2					IS + Sample	IS + Cal. 7
C	IS + Cal. 3	qc3	1669-1		IS + Cal. 3	IS + QC_3					IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	1595-1		IS + Cal. 4	IS + QC_4					IS + Sample	IS + Cal. 5
E	IS + Cal. 5	Qc 2 urine	neg urine		IS + Cal. 5	qc2 urine					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	1641-2	1681-1		IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	1644-1	1648-4		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	1665-1			IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl stabilizing solution

c2020-

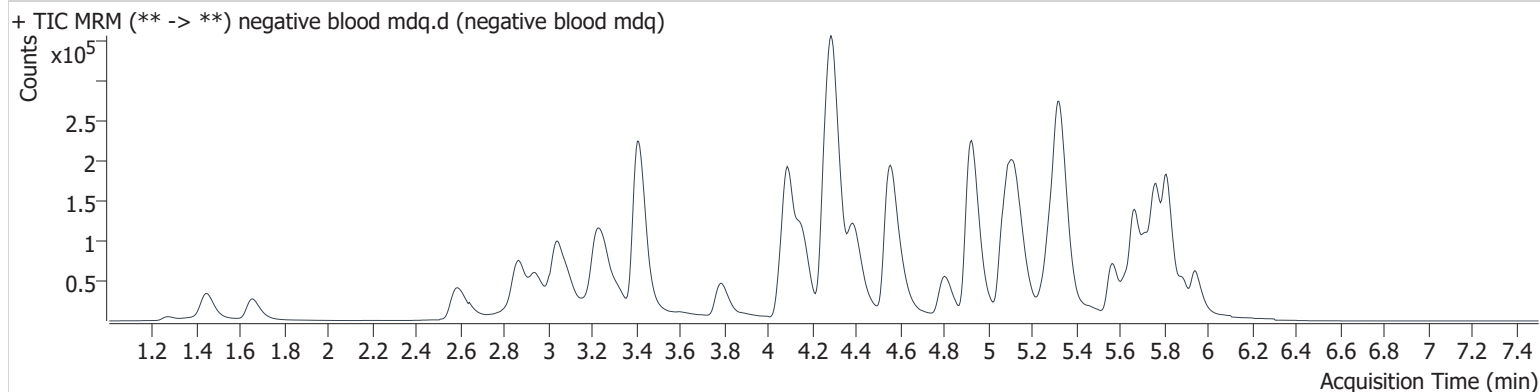
GA

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-A4	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 4:03:02 PM		
Sample Info.			

Sample Chromatogram

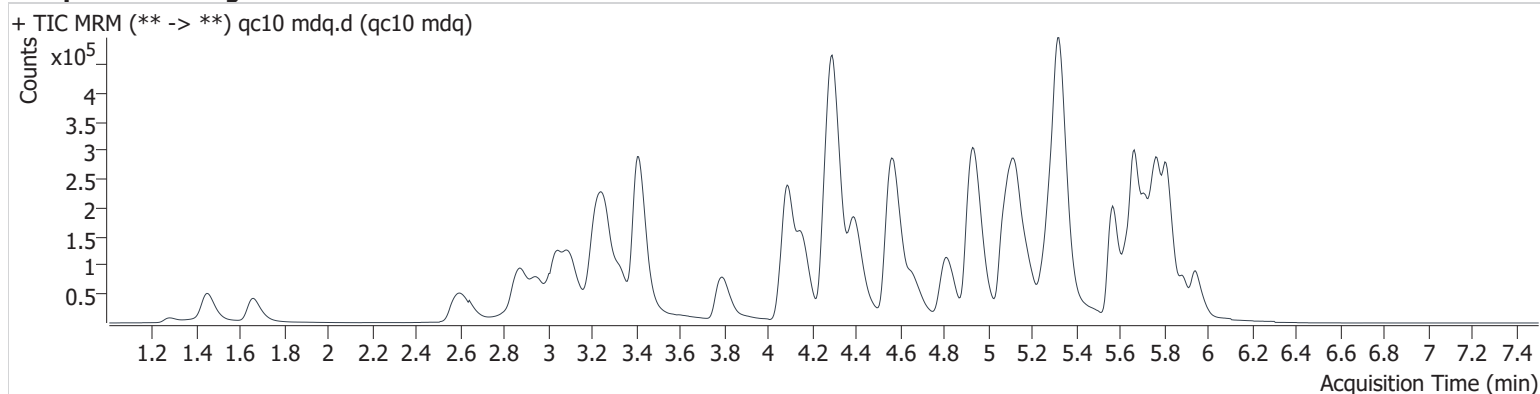


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 4:13:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	1915	478.2	91.6	723.6	46219	0.993 ng/ml
7-aminoclonazepam	4.303	44836	1731.4	86.8	295.8	176140	10.057 ng/ml
a-hydroxyalprazolam	5.707	7105	1105.1	65.6	5362.1	40370	8.938 ng/ml
alpha-PHP	4.965	73998	1692.6	39.3	989.1	480951	10.263 ng/ml
alpha-PVP	4.402	117661	1242.0	46.6	1389.6	480951	9.861 ng/ml
Alprazolam	5.781	47818	1260.3	112.0	266.0	179421	10.329 ng/ml
Amphetamine	3.105	175911	1082.9	51.8	722.9	298315	9.507 ng/ml
Benzoylcegonine	3.930	2945	91.9	7.9	7.5 Low	9203	10.332 ng/ml
Buprenorphine	5.794	1160	144.4	17.6	198.9	38851	1.237 ng/ml
Bupropion	4.821	101786	3137.4	67.2	788.4	345606	9.946 ng/ml
Carisoprodol	5.731	32055	910.9	75.7	408.0	158766	10.064 ng/ml
Citalopram	5.256	65537	1132.6	40.5	30539.5	292382	10.208 ng/ml
Clonazepam	5.625	45836	329.0	29.0	62.7	73547	9.884 ng/ml
Cocaine	4.302	100195	1455.2	45.6	2389.6	738219	10.314 ng/ml
Codeine	2.634	11407	2464.1	105.0	106.6	57971	10.666 ng/ml
Cyclobenzaprine	5.637	66300	28338.2	8.8	269.5	214261	10.412 ng/ml
Dextromethorphan	5.305	47748	1487.7	76.9	15464.3	248209	9.891 ng/ml
Dextrorphan	4.161	28111	6239.0	225.6	4590.0	355871	9.171 ng/ml
Diazepam	5.947	36694	942.9	86.9	2527.7	171672	10.257 ng/ml
Dihydrocodeine	2.607	30713	2254.7	58.3	846.5	159028	10.510 ng/ml
Diphenhydramine	5.326	216044	706.7	29.2	13206.5	1110052	10.173 ng/ml
Doxylamine	4.574	245952	1511.2	98.6	1908.2	1008698	9.865 ng/ml
EDDP	5.294	38317	2069.9	237.0	2305.8	452919	9.629 ng/ml
Fentanyl	5.131	6582	53.7	75.9	2029.9	305932	1.097 ng/ml
Fluoxetine	5.714	59297	6861.2	6.9	1044.7	205135	10.161 ng/ml
Hydrocodone	3.071	49096	500.8	36.6	155.1	270826	10.204 ng/ml
Hydromorphone	1.662	36473	1870.0	74.1	1377.6	117066	9.596 ng/ml
Ketamine	4.081	88754	220.6	37.4	301.5	373613	10.350 ng/ml
Lamotrigine	4.329	7383	491.2	92.7	5875.8	248209	10.053 ng/ml
Lorazepam	5.754	40330	783.1	48.3	64.6	176140	10.278 ng/ml
MDA	3.246	127783	2104.9	23.9	64.7	383832	10.130 ng/ml
MDMA	3.338	86785	3316.9	87.1	1847.8	79225	10.271 ng/ml
Meprobamate	4.945	30358	1653.4	30.7	166.8	115968	10.070 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	122762	1825.0	57.1	1431.7	602221	10.067 ng/ml
Metoprolol	4.359	14990	1610.7	103.2	851.1	248209	9.082 ng/ml
Mirtazapine	4.661	135835	1588.7	47.7	1367.8	602221	9.932 ng/ml
Mitragynine	5.265	19793	2423.3	32.6	5941.5	248209	9.122 ng/ml
Morphine	1.281	5573	2783.6	21.4	174.1	7471	10.202 ng/ml
Norbuprenorphine	5.027	136	1350.6	127.9 High	845.6	6759	0.576 ng/ml ocr
Nordiazepam	5.896	32907	11148.2	61.6	2851.4	114753	10.442 ng/ml
Norfentanyl	4.122	1874	111.1	276.6	71.7	642849	0.990 ng/ml
Noroxycodone	2.969	43697	326.0	36.8	362.9	143518	10.794 ng/ml
O-desmethyl-tramadol	3.414	176970	8429.4	6.0	355.4	976846	9.988 ng/ml
Oxazepam	5.761	61052	1176.7	74.2	305.7	322248	10.479 ng/ml
Oxycodone	2.886	95383	953.8	29.9	324.8	411597	10.053 ng/ml
Oxymorphone	1.449	51279	2872.6	42.9	2446.7	190807	10.250 ng/ml
Phentermine	3.816	23476	90.6	8.6	56.6	321954	10.269 ng/ml
Promethazine	5.565	97287	2130.9	37.1	266.2	458469	10.187 ng/ml
Quetiapine	5.572	56222	55663.2	54.9	27953.2	70446	10.450 ng/ml
Sertraline	5.781	25247	718.5	103.3	14725.2	104627	10.272 ng/ml
Temazepam	5.818	102541	1847.6	30.9	71.0	489868	9.873 ng/ml
Tramadol	4.283	213547	14295.2	3.6	81.1	1014587	10.086 ng/ml
Trazodone	5.188	108890	6483.9	68.8	1244.5	462348	10.549 ng/ml
Venlafaxine	5.076	126399	3217.0	42.2	280.7	792141	10.550 ng/ml
Zolpidem	4.942	211983	2972.8	31.3	1389.9	953581	10.433 ng/ml

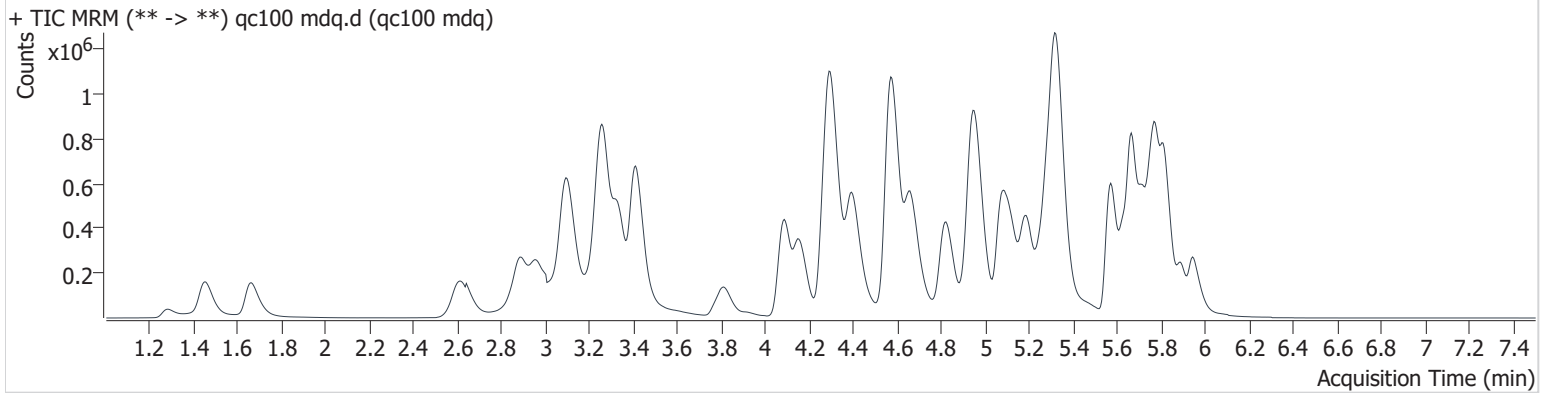
ocr = outside curve range

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 4:24:40 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.177	17375	9680.5	80.5	3853.4	40896	10.151 ng/ml
7-aminoclonazepam	4.303	371572	8483.8	92.4	7812.3	137597	112.098 ng/ml
a-hydroxyalprazolam	5.702	63050	1246.9	60.6	1127.3	31519	108.744 ng/ml
alpha-PHP	4.970	660178	15163.9	40.3	981.6	423776	106.591 ng/ml
alpha-PVP	4.402	1082331	8257.2	49.9	7157.2	423776	102.645 ng/ml
Alprazolam	5.776	404213	5315.7	116.7	1317.3	147029	102.869 ng/ml
Amphetamine	3.100	1700262	2889.7	48.3	2528.3	273456	106.066 ng/ml
Benzoylcegonine	3.920	26653	1612.4	8.1	258.8	8322	91.128 ng/ml
Buprenorphine	5.799	9245	609.4	17.7	1530.3	34438	10.303 ng/ml
Bupropion	4.821	971461	10649.9	65.4	11743.3	313591	106.117 ng/ml
Carisoprodol	5.731	280531	4127.6	70.8	1596.1	131962	107.351 ng/ml
Citalopram	5.261	564317	7100.0	39.9	135022.3	241917	103.552 ng/ml
Clonazepam	5.625	366251	1162.6	32.2	127423.8	58865	104.057 ng/ml
Cocaine	4.302	888961	152697.9	44.5	1488.5	624717	107.770 ng/ml
Codeine	2.629	98394	2706.5	117.8	9287.4	51188	102.156 ng/ml
Cyclobenzaprine	5.637	524845	251523.5	8.7	3518.2	172366	103.507 ng/ml
Dextromethorphan	5.300	407095	5006.1	79.7	17912.4	198537	104.553 ng/ml
Dextrorphan	4.156	260799	180144.4	219.3	8240.4	307369	101.923 ng/ml
Diazepam	5.947	328501	1982.6	86.4	4567.2	149644	105.094 ng/ml
Dihydrocodeine	2.602	281980	7256.5	59.4	3729.8	144108	109.282 ng/ml
Diphenhydramine	5.331	1881633	11346.8	29.9	11935.3	951127	103.632 ng/ml
Doxylamine	4.574	2315363	79667.9	97.3	8766.3	912688	101.741 ng/ml
EDDP	5.294	396449	66550.9	224.2	211440.9	437054	105.047 ng/ml
Fentanyl	5.131	55838	1028.6	75.8	704.4	275463	9.888 ng/ml
Fluoxetine	5.719	459366	4786.6	7.7	28809.6	162509	107.822 ng/ml
Hydrocodone	3.066	439941	836.4	36.6	784.8	242844	105.615 ng/ml
Hydromorphone	1.662	356379	5884.0	73.3	1761.0	103737	104.479 ng/ml
Ketamine	4.086	783413	5215.3	39.0	587.8	306791	113.794 ng/ml
Lamotrigine	4.329	63378	1501.9	89.3	625.8	198537	110.746 ng/ml
Lorazepam	5.754	313669	3439.0	50.4	704.7	137597	116.619 ng/ml
MDA	3.246	1154866	2595.5	24.3	3406.6	324503	109.658 ng/ml
MDMA	3.338	786830	4166.8	86.7	44736.1	70631	106.641 ng/ml
Meprobamate	4.945	258376	30058.4	30.4	501.4	97833	112.990 ng/ml

AM #28 Multi-Drug Quant. Results

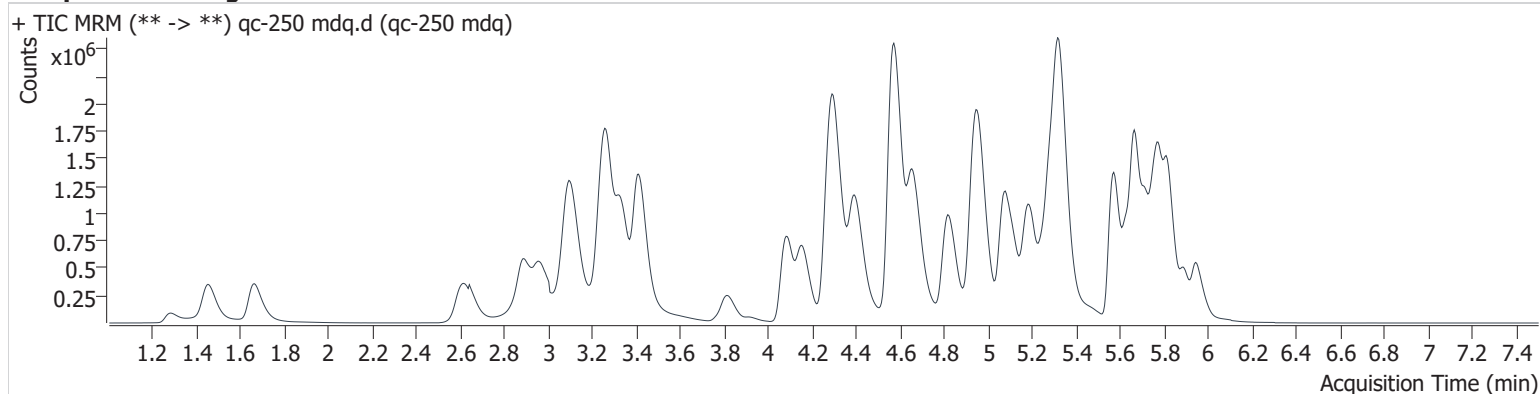
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	1084778	105088.3	53.8	9540.3	524792	102.862 ng/ml
Metoprolol	4.354	135710	421.9	93.9	7205.2	198537	97.584 ng/ml
Mirtazapine	4.661	1274164	8874.5	47.5	5834.1	524792	102.127 ng/ml
Mitragynine	5.265	171081	1230.6	32.9	46337.2	198537	103.301 ng/ml
Morphine	1.281	47321	1061.5	22.0	723.8	6280	104.324 ng/ml
Norbuprenorphine	5.032	1198	3270.9	104.7	2604.7	6295	8.643 ng/ml
Nordiazepam	5.891	289339	48809.4	62.0	81600.9	95913	109.709 ng/ml
Norfentanyl	4.117	16584	457.6	302.3	855.9	569239	10.194 ng/ml
Noroxycodone	2.964	391113	696.2	38.8	1799.9	126526	110.460 ng/ml
O-desmethyl-tramadol	3.414	1637281	31732.1	6.2	2859.7	859066	104.039 ng/ml
Oxazepam	5.761	489447	2572.9	71.7	613.6	259566	106.056 ng/ml
Oxycodone	2.886	889212	7869.4	29.3	3892.0	366797	106.051 ng/ml
Oxymorphone	1.449	461314	20094.7	44.8	19142.6	167169	105.213 ng/ml
Phentermine	3.821	232825	875.9	8.7	83.0	302552	105.735 ng/ml
Promethazine	5.565	784750	293597.2	38.0	6541.6	365716	102.826 ng/ml
Quetiapine	5.572	514027	7194.2	56.4	4142.8	64583	108.282 ng/ml
Sertraline	5.786	195017	1528.8	103.0	144684.6	80973	104.276 ng/ml
Temazepam	5.818	915799	7475.2	31.1	1113.5	416974	103.501 ng/ml
Tramadol	4.278	1886337	110008.3	3.3	490.2	904479	107.372 ng/ml
Trazodone	5.188	939963	13517.2	77.3	11702.5	422006	101.237 ng/ml
Venlafaxine	5.076	1214718	47199.8	40.8	6215.8	707889	109.059 ng/ml
Zolpidem	4.942	1873915	3871.8	31.6	4890.1	831746	105.571 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 4:35:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.177	44088	673.3	80.7	1244.0	42812	24.600 ng/ml
7-aminoclonazepam	4.302	789533	1095.9	87.6	21985.6	120615	272.532 ng/ml
a-hydroxyalprazolam	5.702	132625	4384.6	62.1	2977.3	27812	260.183 ng/ml
alpha-PHP	4.965	1587988	16057.1	39.6	11201.6	414210	262.744 ng/ml
alpha-PVP	4.397	2631670	13152.6	49.8	14019.2	414210	255.297 ng/ml
Alprazolam	5.781	913540	15750.9	112.2	1645.0	134771	253.056 ng/ml
Amphetamine	3.100	3756245	6310.2	48.5	9879.2	258064	249.117 ng/ml
Benzoylcegonine	3.920	76349	7860.7	8.2	790.7	9228	233.258 ng/ml
Buprenorphine	5.799	24046	1939.1	17.5	1884.6	36837	24.906 ng/ml
Bupropion	4.821	2395889	7286.7	65.1	1439.9	321123	255.796 ng/ml
Carisoprodol	5.731	615647	20019.4	68.8	3007.3	123445	252.041 ng/ml
Citalopram	5.256	1339887	45078.8	41.7	55916.2	230902	257.174 ng/ml
Clonazepam	5.625	801277	40922.7	31.4	212326.6	54624	246.139 ng/ml
Cocaine	4.296	2082125	2338.7	44.5	41298.8	607904	259.345 ng/ml
Codeine	2.634	238208	1049.8	117.0	6817.7	50909	248.338 ng/ml
Cyclobenzaprine	5.637	1333428	953465.6	8.6	5983.4	175643	258.243 ng/ml
Dextromethorphan	5.300	975358	167405.4	77.6	3156.8	183338	271.120 ng/ml
Dextrorphan	4.156	655801	28167.8	218.5	65777.0	319425	247.118 ng/ml
Diazepam	5.947	778537	11840.2	86.9	55708.0	149181	249.807 ng/ml
Dihydrocodeine	2.602	697883	9254.5	60.2	13202.3	153688	254.011 ng/ml
Diphenhydramine	5.326	4689837	7084.0	29.7	42644.0	968811	253.616 ng/ml
Doxylamine	4.569	6038871	473789.7	96.7	162032.9	958879	252.434 ng/ml
EDDP	5.289	1025174	1826.7	225.7	169914.0	474100	250.672 ng/ml
Fentanyl	5.131	149525	964.0	75.7	2729.1	291855	24.909 ng/ml
Fluoxetine	5.719	1109335	5099.4	7.6	127423.5	164298	258.885 ng/ml
Hydrocodone	3.066	1058269	2361.9	36.6	1332.2	247813	249.510 ng/ml
Hydromorphone	1.662	905417	14903.0	73.3	23968.2	107536	255.870 ng/ml
Ketamine	4.081	1923018	26066.0	38.8	4288.7	340961	251.648 ng/ml
Lamotrigine	4.329	137811	738.0	92.0	2525.7	183338	261.174 ng/ml
Lorazepam	5.749	606775	15650.5	51.6	1239.0	120615	259.283 ng/ml
MDA	3.241	2730112	2431.4	24.4	867.4	322813	260.784 ng/ml
MDMA	3.338	1911890	206280.1	86.6	86591.6	70758	258.999 ng/ml
Meprobamate	4.940	557288	83464.5	29.4	219.0	94403	254.109 ng/ml

AM #28 Multi-Drug Quant. Results

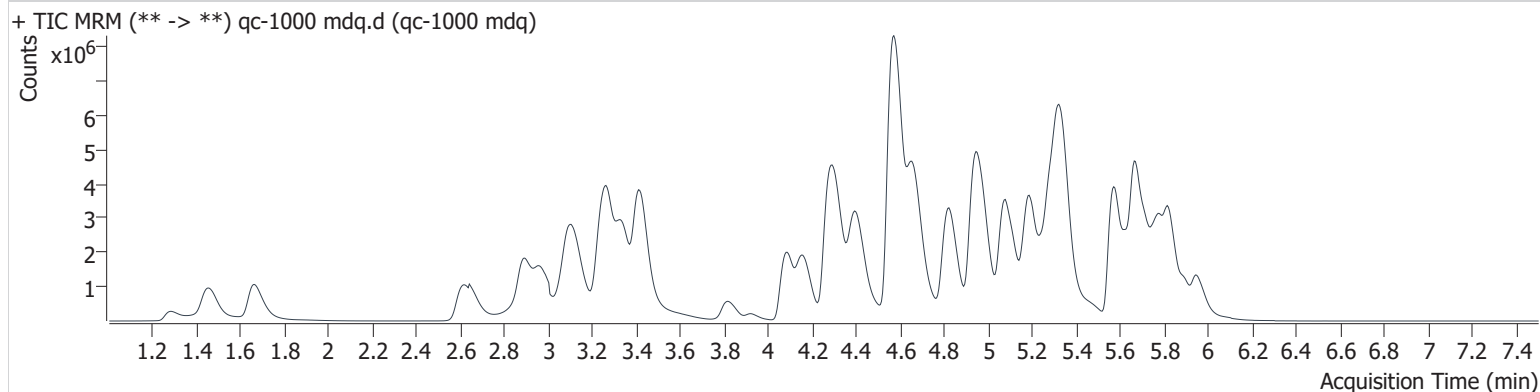
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	2819172	2600.3	53.3	23967.5	548411	255.937 ng/ml
Metoprolol	4.354	312824	11246.0	94.4	1965.2	183338	242.833 ng/ml
Mirtazapine	4.661	3274359	4988.4	45.6	1949.1	548411	250.429 ng/ml
Mitragynine	5.260	427299	5264.2	33.5	2746.8	183338	280.221 ng/ml
Morphine	1.281	128615	5556.8	22.2	3579.2	7084	251.556 ng/ml
Norbuprenorphine	5.027	3252	501.8	108.2	31000.7	6285	24.146 ng/ml
Nordiazepam	5.896	680706	29293.8	61.2	9584.8	95477	259.263 ng/ml
Norfentanyl	4.117	40792	9670.3	294.7	812.9	565527	25.289 ng/ml
Noroxycodone	2.964	965321	6370.5	38.9	7023.4	119780	288.140 ng/ml
O-desmethyl-tramadol	3.414	4110389	217029.1	6.5	9608.2	893526	250.964 ng/ml
Oxazepam	5.761	1008080	25813.0	74.1	2599.7	229449	247.371 ng/ml
Oxycodone	2.881	2216600	11842.1	28.8	9033.5	386965	250.709 ng/ml
Oxymorphone	1.449	1162146	22808.3	44.3	4318.0	176993	250.335 ng/ml
Phentermine	3.816	567779	1808.2	7.9	1090.5	297867	261.497 ng/ml
Promethazine	5.565	2128050	734774.1	37.0	8808.7	406563	250.797 ng/ml
Quetiapine	5.572	1246691	1415703.3	57.1	19835.5	66469	255.782 ng/ml
Sertraline	5.781	456617	9936.9	103.2	244437.2	79342	249.442 ng/ml
Temazepam	5.823	2158271	34096.9	31.0	2394.0	405624	250.732 ng/ml
Tramadol	4.273	4545645	272141.2	3.4	388.9	923442	254.564 ng/ml
Trazodone	5.183	2431024	7852.5	75.2	21948.0	443789	249.231 ng/ml
Venlafaxine	5.076	3038812	21689.9	42.1	737.6	743686	259.074 ng/ml
Zolpidem	4.942	4648816	4756.8	30.3	7739.3	867639	251.041 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 4:46:17 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	170162	7476.7	73.6	7430.7	39586	102.672 ng/ml
7-aminoclonazepam	4.308	1359897	13365.4	89.6	21931.5	56189	1009.142 ng/ml
a-hydroxyalprazolam	5.702	255605	3100.8	61.3	1700.9	13471	1037.326 ng/ml
alpha-PHP	4.970	4517553	341084.9	39.7	22189.8	328312	943.782 ng/ml
alpha-PVP	4.402	8384638	7379.7	50.5	23675.7	328312	1026.108 ng/ml
Alprazolam	5.781	2340811	14954.3	111.6	7757.3	82104	1063.091 ng/ml
Amphetamine	3.110	8611842	81507.1	48.6	11094.4	168363	876.974 ng/ml
Benzoylcegonine	3.920	404909	17651.4	7.7	631.5	8986	1264.241 ng/ml
Buprenorphine	5.799	82608	3119.8	15.8	5396.1	29815	105.384 ng/ml
Bupropion	4.821	8816467	202244.2	63.6	30197.7	300935	1004.889 ng/ml
Carisoprodol	5.731	1219927	22029.6	65.8	10225.5	58464	1054.985 ng/ml
Citalopram	5.250	3253334	16221.6	41.6	774790.5	143913	1001.052 ng/ml
Clonazepam	5.620	1587330	43796.3	31.2	371465.9	29321	910.000 ng/ml
Cocaine	4.302	5457108	152062.5	46.6	124765.1	397590	1039.165 ng/ml
Codeine	2.639	785761	1713.7	111.3	8452.5	39292	1060.622 ng/ml
Cyclobenzaprine	5.632	3672838	531473.7	8.6	6458.6	120785	1034.730 ng/ml
Dextromethorphan	5.294	2428983	130551.7	77.3	139525.1	115206	1074.213 ng/ml
Dextrorphan	4.161	2161156	329878.5	220.4	235509.4	262211	993.113 ng/ml
Diazepam	5.947	2440642	3249.8	85.9	38210.1	114604	1019.320 ng/ml
Dihydrocodeine	2.602	2378797	11092.6	62.0	19183.1	141856	938.861 ng/ml
Diphenhydramine	5.337	14118373	299659.8	30.0	295179.1	703814	1051.036 ng/ml
Doxylamine	4.569	22190082	612524.5	95.7	198064.2	850324	1045.695 ng/ml
EDDP	5.289	3780622	215389.2	233.2	205421.1	429573	1020.815 ng/ml
Fentanyl	5.131	551841	8107.4	78.0	7659.4	265423	100.921 ng/ml
Fluoxetine	5.719	2859519	7587.4	7.5	216381.8	106858	1028.895 ng/ml
Hydrocodone	3.061	3281600	3579.4	37.1	649.5	206654	928.905 ng/ml
Hydromorphone	1.662	3105236	5359.4	73.2	37983.8	98365	958.985 ng/ml
Ketamine	4.081	6246678	59975.1	38.4	11065.9	289672	962.920 ng/ml
Lamotrigine	4.335	283556	3990.1	88.5	15466.4	115206	855.855 ng/ml
Lorazepam	5.749	810170	10741.0	55.5	2373.0	56189	746.109 ng/ml
MDA	3.236	6780458	94926.6	24.7	72172.8	219408	953.299 ng/ml
MDMA	3.338	6035361	86721.2	84.0	227226.4	57079	1014.230 ng/ml
Meprobamate	4.935	1084647	1082.0	28.6	225.9	58513	800.609 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	9850040	8977.6	49.9	52804.1	454999	1078.092 ng/ml
Metoprolol	4.354	741618	606874.1	96.2	42197.8	115206	914.749 ng/ml
Mirtazapine	4.661	11372906	76738.4	45.7	3846.4	454999	1046.836 ng/ml
Mitragynine	5.255	1098438	962.6	35.1	637418.1	115206	1147.847 ng/ml
Morphine	1.281	431729	804.4	21.2	6573.7	6133	975.797 ng/ml
Norbuprenorphine	5.027	11411	27943.7	98.3	32279.6	5533	97.380 ng/ml
Nordiazepam	5.896	1863970	76972.7	57.1	436447.2	63250	1071.619 ng/ml
Norfentanyl	4.117	117695	241.3	286.7	2934.4	383785	107.629 ng/ml
Noroxycodone	2.969	2708511	826.3	40.7	2832.6	94062	1029.757 ng/ml
O-desmethyl-tramadol	3.414	14980160	462289.8	6.3	13109.6	756954	1079.288 ng/ml
Oxazepam	5.756	1797746	830.7	73.0	10037.2	104207	971.917 ng/ml
Oxycodone	2.886	8063097	14041.1	29.0	15422.5	354134	996.802 ng/ml
Oxymorphone	1.449	3959832	46276.0	44.0	15499.2	156245	966.234 ng/ml
Phentermine	3.816	1649747	9854.1	6.9	3776.1	216540	1044.346 ng/ml
Promethazine	5.565	7599001	7574458.2	36.1	108930.9	347789	1046.843 ng/ml
Quetiapine	5.577	3590687	19165.7	58.4	18689.7	50941	962.523 ng/ml
Sertraline	5.786	1128811	1135.7	103.2	13531.5	46543	1051.846 ng/ml
Temazepam	5.823	6178388	7510.7	30.2	4084.7	274364	1061.115 ng/ml
Tramadol	4.268	13090384	678688.2	3.3	1062.7	761266	891.339 ng/ml
Trazodone	5.183	8430430	559808.5	76.6	8918.1	376551	1019.164 ng/ml
Venlafaxine	5.076	11065013	480066.0	39.6	1434.9	603185	1161.512 ng/ml
Zolpidem	4.937	14205261	35095.4	29.5	12025.0	692622	960.884 ng/ml

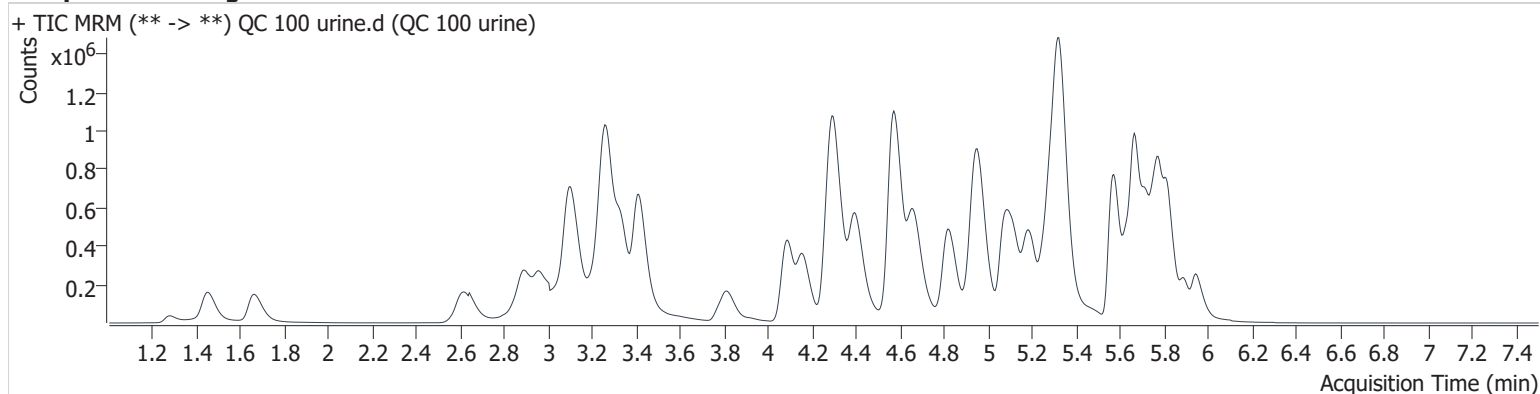
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	QC 100 urine.d
Type	QC	Sample	QC 100 urine
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 5:07:49 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.177	16744	3843.6	76.4	2318.8	37743	10.600 ng/ml
7-aminoclonazepam	4.302	352876	626.9	93.0	4607.5	135484	108.099 ng/ml
a-hydroxyalprazolam	5.707	55370	486.2	60.4	492.8	28897	104.134 ng/ml
alpha-PHP	4.965	682093	7657.8	41.6	5561.0	441334	105.746 ng/ml
alpha-PVP	4.397	1124161	11179.1	49.7	16008.3	441334	102.371 ng/ml
Alprazolam	5.776	372212	7016.1	116.1	4297.5	130596	106.630 ng/ml
Amphetamine	3.105	2071590	4797.6	47.0	6497.7	321374	109.984 ng/ml
Benzoylcegonine	3.920	21889	1451.6	8.0	146.0	7736	80.667 ng/ml
Buprenorphine	5.799	12467	680.6	17.2	1647.8	46094	10.379 ng/ml
Bupropion	4.821	1107816	24544.2	65.9	4681.9	365549	103.808 ng/ml
Carisoprodol	5.731	259753	4725.3	69.1	2139.3	122555	107.029 ng/ml
Citalopram	5.261	661501	6947.9	40.1	2349.1	285645	102.805 ng/ml
Clonazepam	5.625	316486	3076.2	32.1	6780.0	50125	105.605 ng/ml
Cocaine	4.302	836826	1606.5	44.6	918.7	589922	107.433 ng/ml
Codeine	2.634	92593	559.8	119.1	3181.4	49241	99.940 ng/ml
Cyclobenzaprine	5.637	705558	1119.7	8.5	595.6	225212	106.499 ng/ml
Dextromethorphan	5.300	526889	3609.3	77.8	15883.9	250426	107.278 ng/ml
Dextrorphan	4.161	275744	23544.5	218.4	8013.1	320851	103.240 ng/ml
Diazepam	5.947	304850	4785.4	86.6	2108.2	139527	104.600 ng/ml
Dihydrocodeine	2.607	276631	6042.6	59.5	10088.5	138778	111.331 ng/ml
Diphenhydramine	5.331	2185526	31264.9	29.8	9160.4	1103511	103.747 ng/ml
Doxylamine	4.574	2355293	20920.7	98.4	16074.5	910923	103.694 ng/ml
EDDP	5.294	450384	792.4	230.4	1020.3	494792	105.413 ng/ml
Fentanyl	5.131	75840	229.6	76.4	1186.8	371357	9.961 ng/ml
Fluoxetine	5.719	667117	27598.9	7.9	3801.1	233391	109.040 ng/ml
Hydrocodone	3.066	425697	1553.1	37.0	1197.6	238203	104.181 ng/ml
Hydromorphone	1.662	343500	5120.2	70.1	16417.2	103188	101.243 ng/ml
Ketamine	4.081	753272	9002.3	39.0	633.2	316806	105.939 ng/ml
Lamotrigine	4.329	61196	2041.5	89.9	1538.4	250426	84.708 ng/ml
Lorazepam	5.754	287542	7395.9	51.0	737.7	135484	108.463 ng/ml
MDA	3.246	1158220	1129.3	24.5	2226.1	325883	109.510 ng/ml
MDMA	3.338	801338	57817.7	85.1	838.1	71561	107.198 ng/ml
Meprobamate	4.945	247403	5913.8	28.2	476.7	94161	112.403 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	1326456	5982.0	54.3	15126.8	624455	105.707 ng/ml
Metoprolol	4.354	132628	3353.3	96.1	5678.8	250426	75.721 ng/ml
Mirtazapine	4.661	1393229	5840.3	45.8	14453.5	624455	93.888 ng/ml
Mitragynine	5.260	253139	220305.3	30.1	72556.9	250426	121.262 ng/ml
Morphine	1.281	44604	1551.2	21.1	55.6	6237	99.009 ng/ml
Norbuprenorphine	5.022	1763	∞	99.8	2123.8	7919	10.174 ng/ml
Nordiazepam	5.896	272603	38269.1	60.9	5573.4	91190	108.716 ng/ml
Norfentanyl	4.117	17639	814.4	294.9	791.9	595615	10.363 ng/ml
Noroxycodone	2.964	411672	8024.4	39.9	26.4	134400	109.454 ng/ml
O-desmethyl-tramadol	3.414	1563766	12483.7	6.5	1961.1	832297	102.565 ng/ml
Oxazepam	5.761	442210	8138.9	73.1	1322.2	242612	102.510 ng/ml
Oxycodone	2.886	898185	8089.0	29.1	2299.6	365112	107.617 ng/ml
Oxymorphone	1.449	453556	9344.5	44.6	9463.2	165508	104.481 ng/ml
Phentermine	3.821	302568	663.3	7.8	494.2	362789	114.569 ng/ml
Promethazine	5.565	1182416	37938.5	37.1	15777.3	545386	103.892 ng/ml
Quetiapine	5.572	503704	49748.3	56.9	7986.4	63922	107.201 ng/ml
Sertraline	5.781	240406	1221.8	102.3	9627.5	96611	107.745 ng/ml
Temazepam	5.818	835317	16745.7	30.9	769.3	383800	102.565 ng/ml
Tramadol	4.278	1881253	68480.0	3.2	69.8	896218	108.075 ng/ml
Trazodone	5.183	984133	6466.6	75.1	25449.5	432671	103.385 ng/ml
Venlafaxine	5.076	1213206	50876.0	42.9	2516.5	708686	108.802 ng/ml
Zolpidem	4.942	1728299	4738.0	33.0	3179.3	819910	98.774 ng/ml

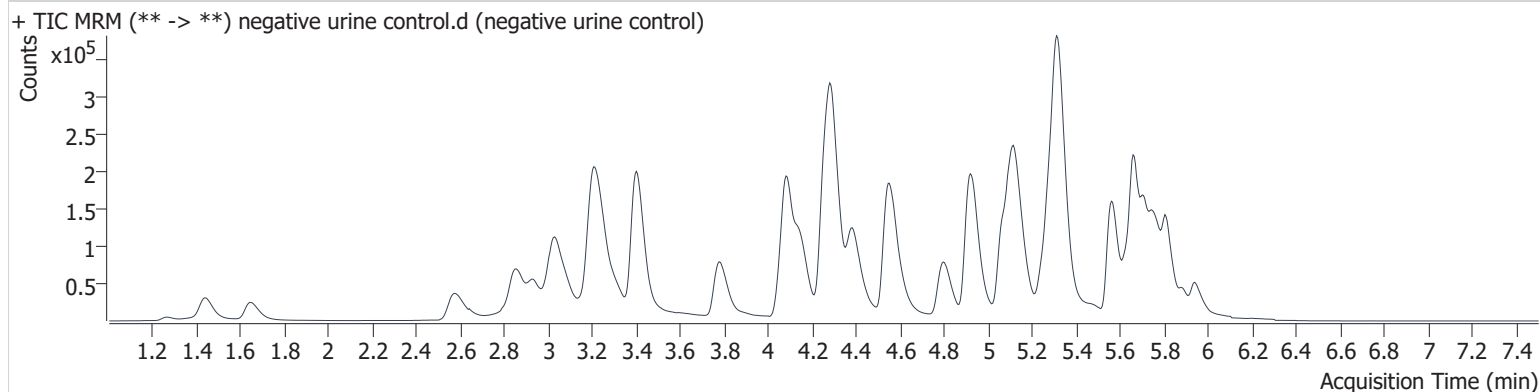
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	negative urine control.d
Type	Sample	Sample	negative urine control
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-E3	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 6:45:01 PM		
Sample Info.			

Sample Chromatogram

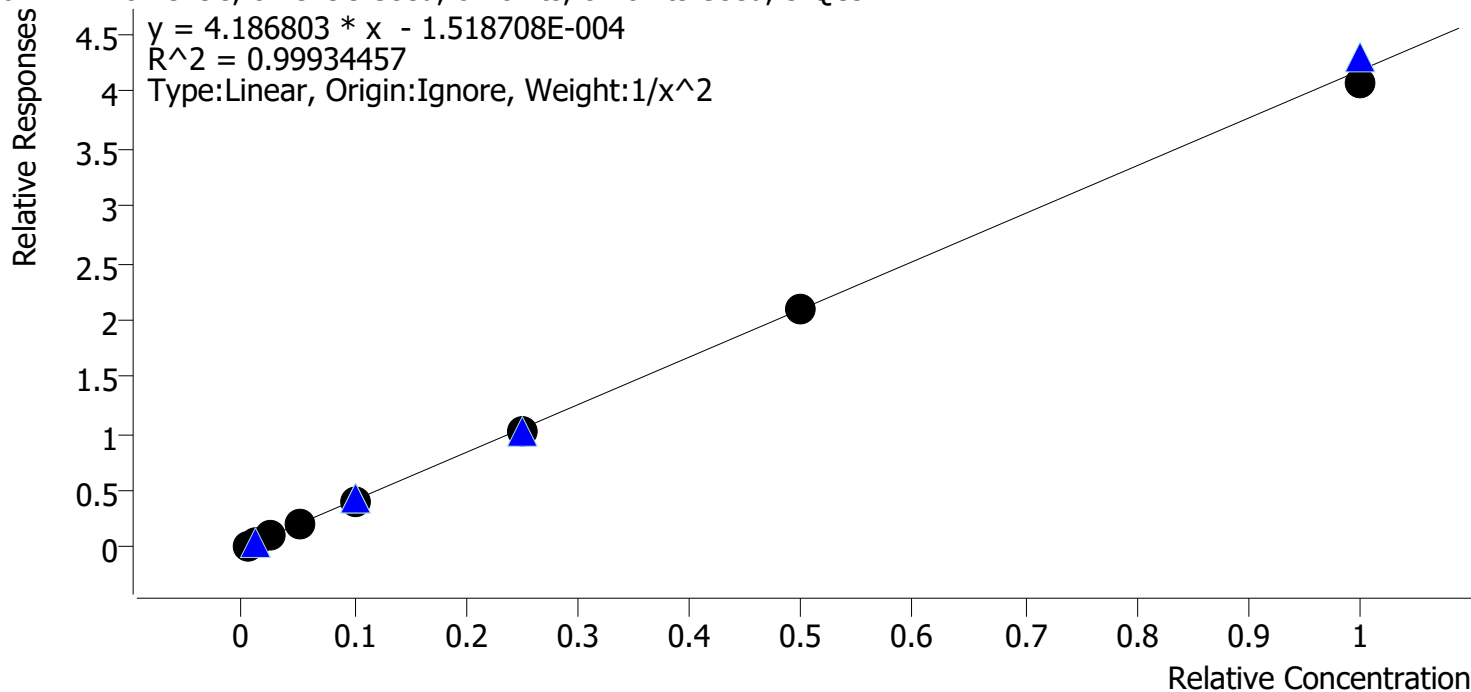


Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 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

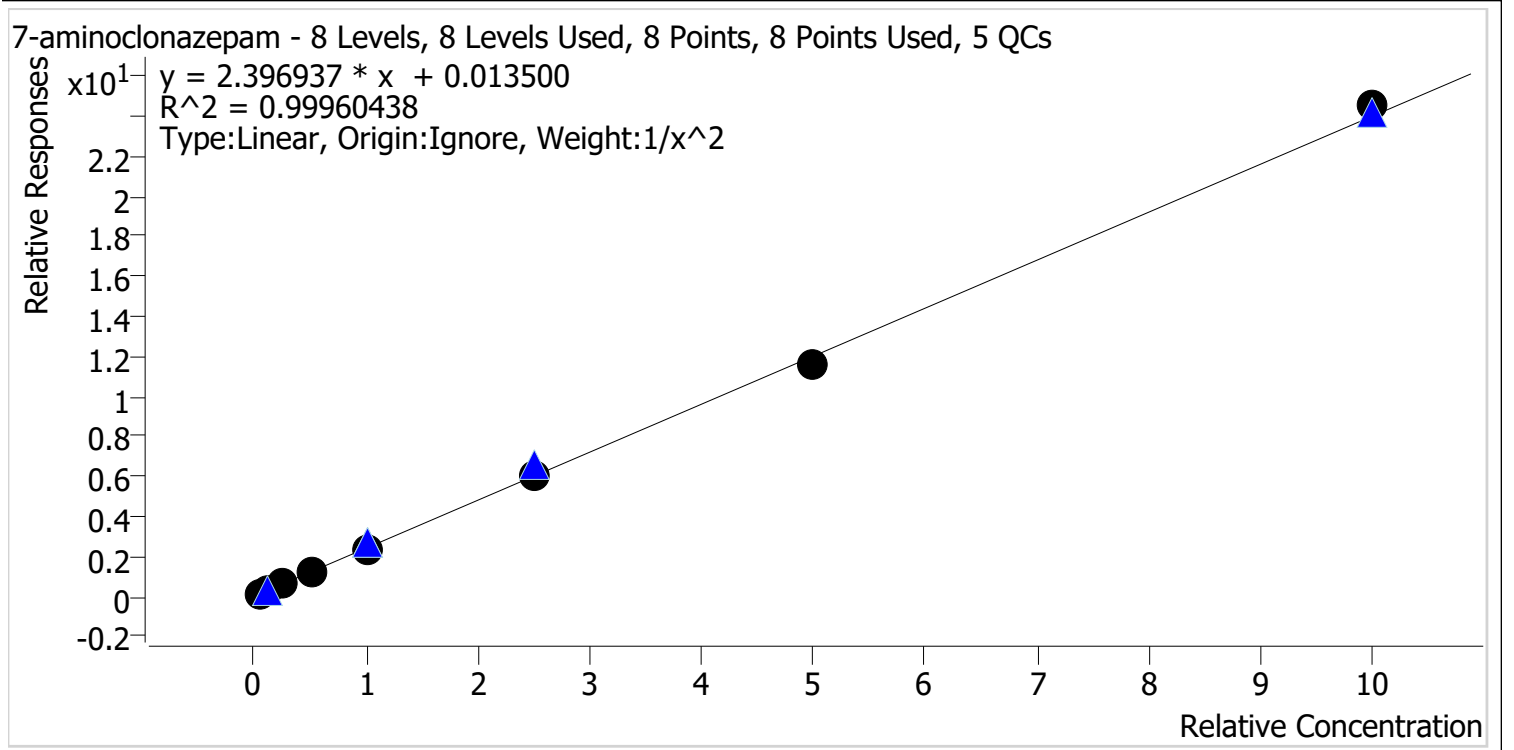


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	97.6
cal 2 mdq	2	✓	1.0	1.0	104.0
cal 3 mdq	3	✓	2.5	2.6	102.3
cal 4 mdq	4	✓	5.0	5.0	99.5
cal 5 mdq	5	✓	10.0	10.0	100.1
cal 6 mdq	6	✓	25.0	24.7	98.6
cal 7 mdq	7	✓	50.0	50.1	100.3
cal 8 mdq	8	✓	100.0	97.6	97.6

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	7-aminoclonazepam	Internal Standard	7-Aminoclonazepam-D4

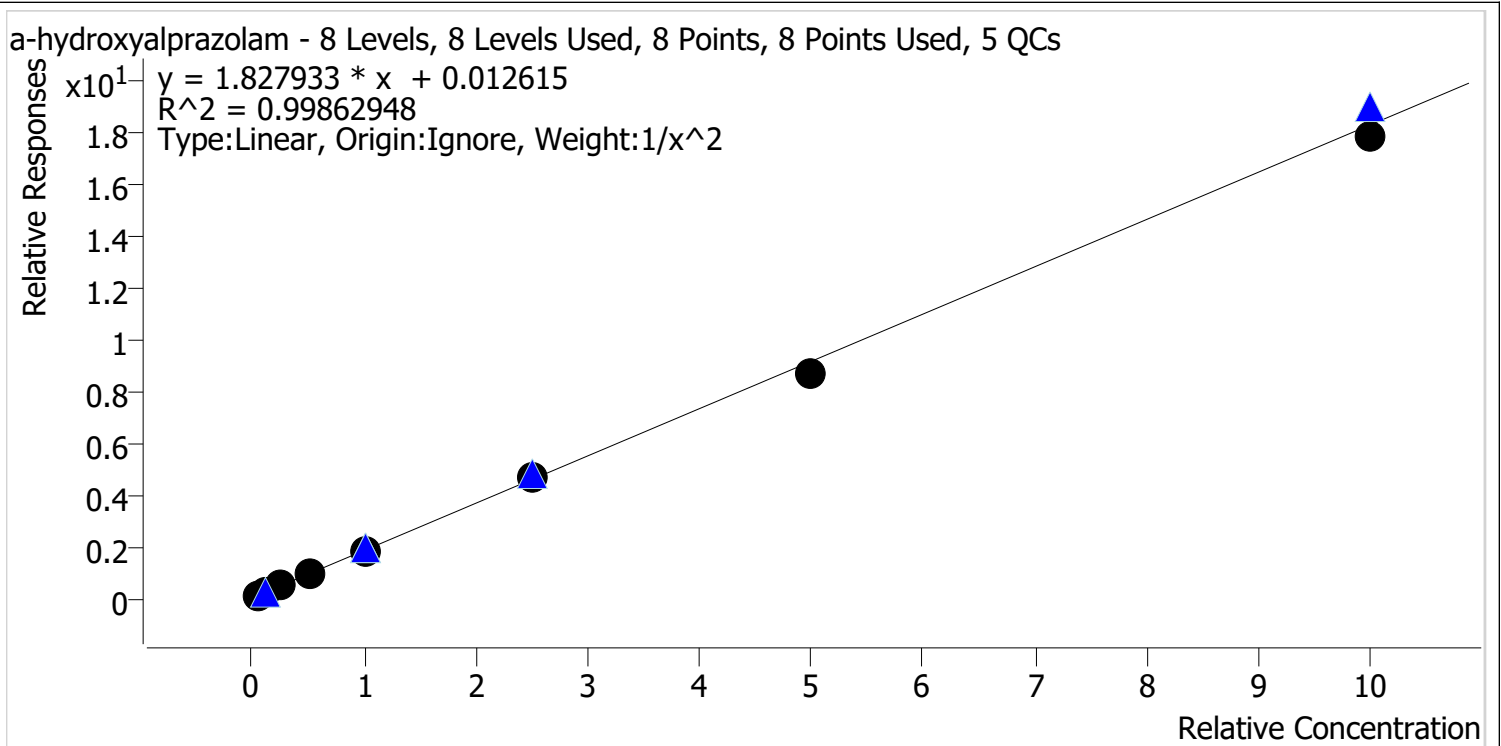


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	485.1	97.0
cal 8 mdq	8	✓	1000.0	1022.2	102.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

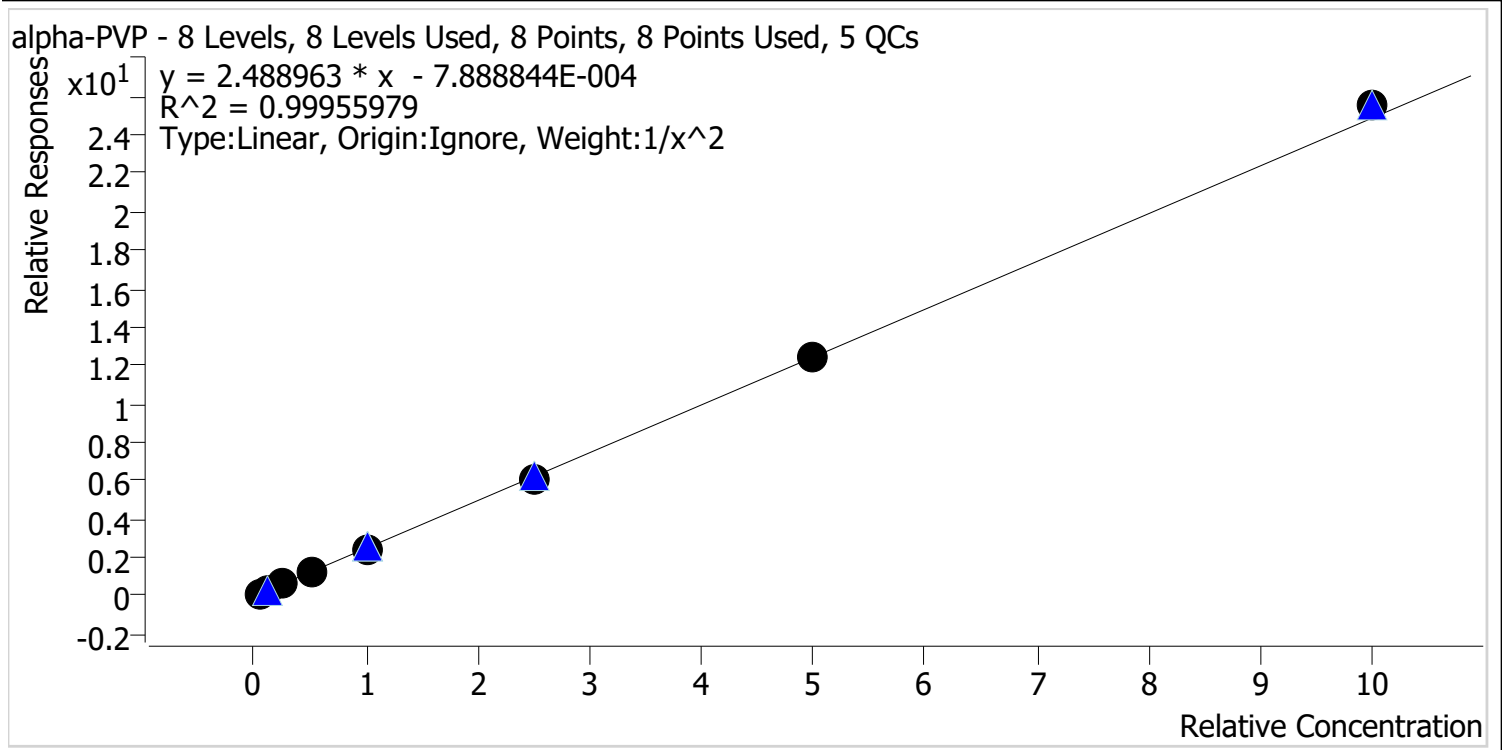


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	52.8	105.5
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	257.1	102.8
cal 7 mdq	7	✓	500.0	476.4	95.3
cal 8 mdq	8	✓	1000.0	972.8	97.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

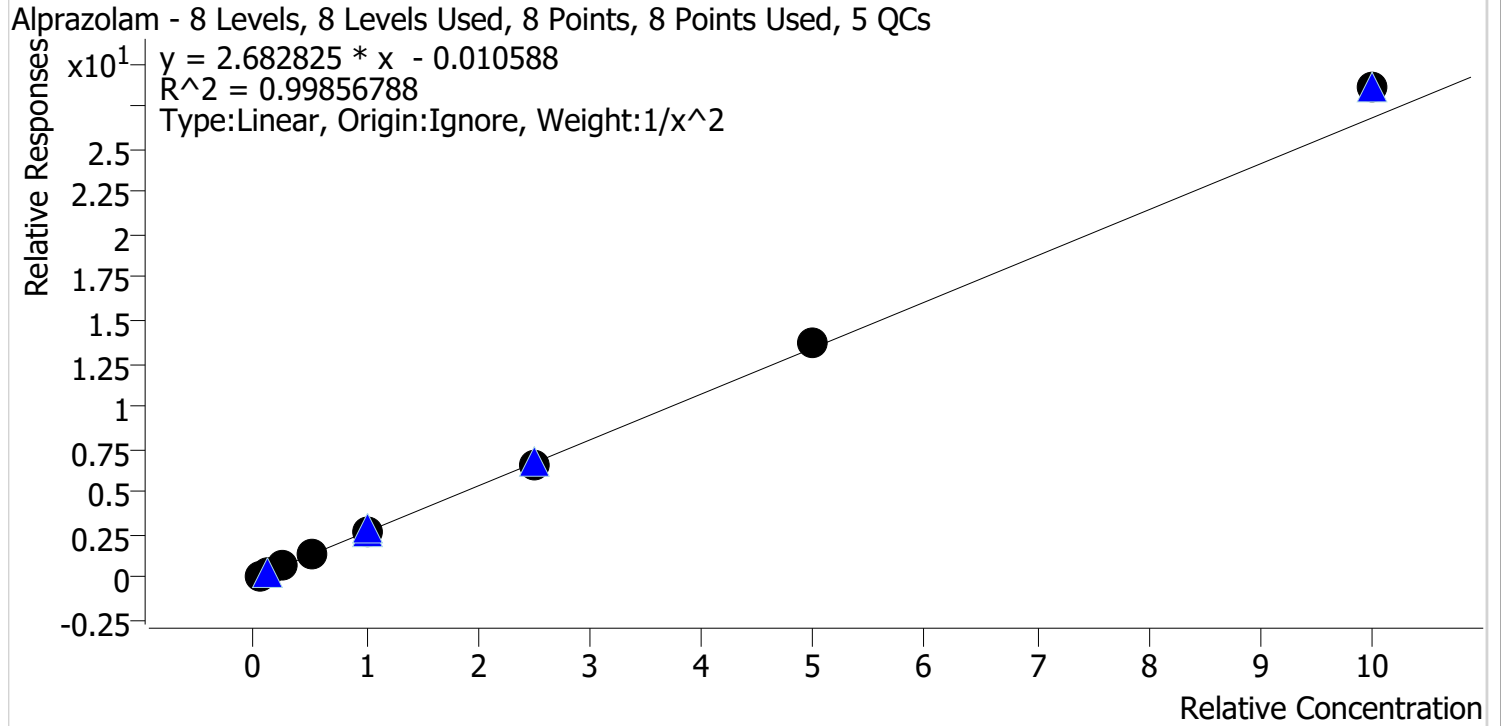


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	25.2	100.6
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	496.4	99.3
cal 8 mdq	8	✓	1000.0	1023.8	102.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\lam 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

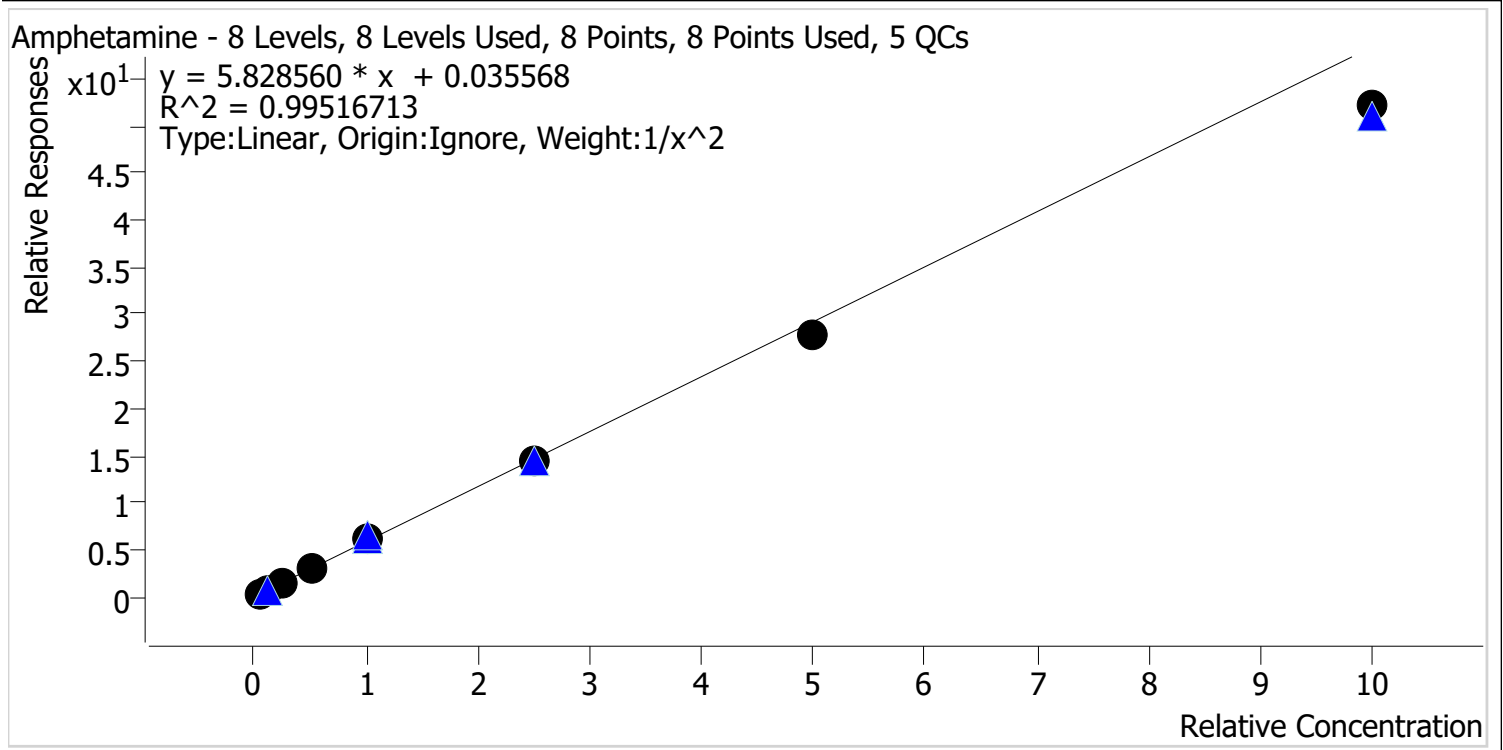


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	48.4	96.8
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	510.5	102.1
cal 8 mdq	8	✓	1000.0	1065.7	106.6

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Amphetamine	Internal Standard	Amphetamine-D11



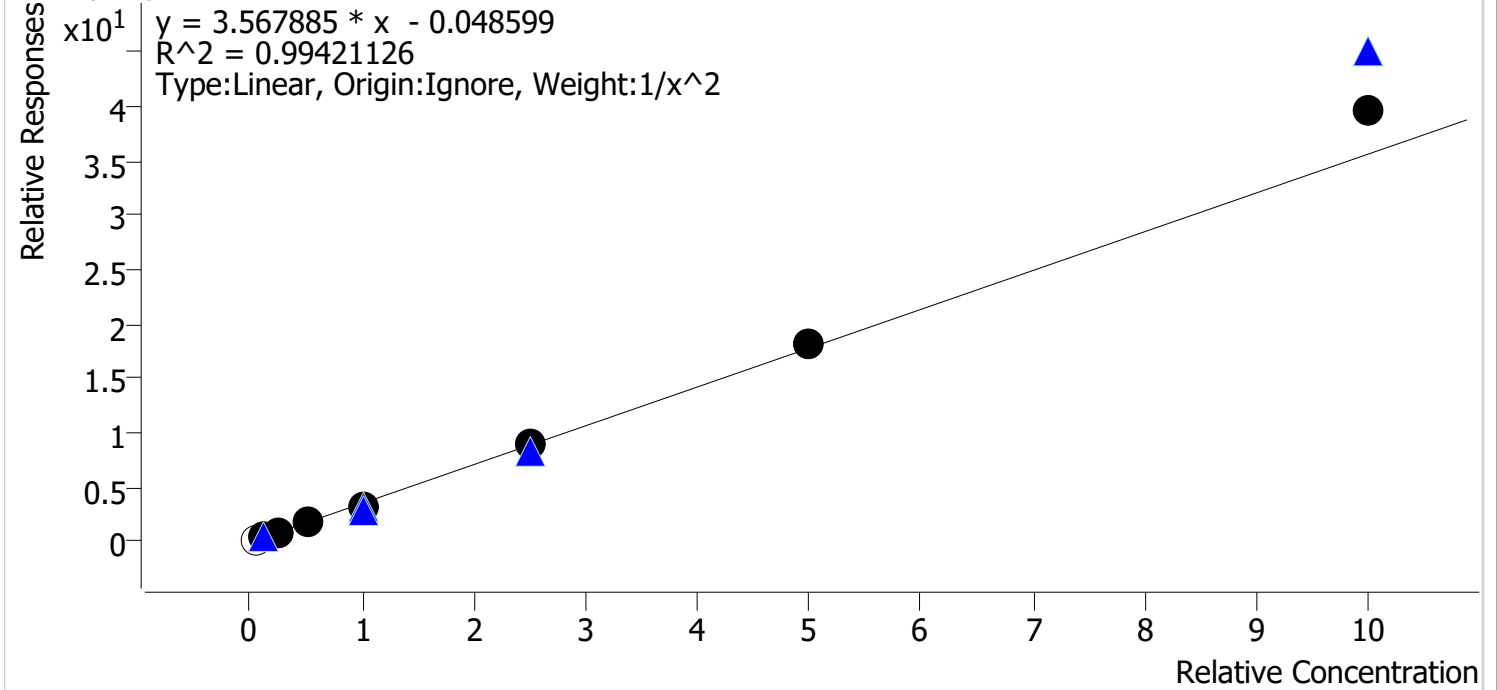
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	9.7	97.5
cal 3 mdq	3	✓	25.0	26.3	105.3
cal 4 mdq	4	✓	50.0	53.6	107.1
cal 5 mdq	5	✓	100.0	106.1	106.1
cal 6 mdq	6	✓	250.0	249.8	99.9
cal 7 mdq	7	✓	500.0	477.8	95.6
cal 8 mdq	8	✓	1000.0	893.2	89.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



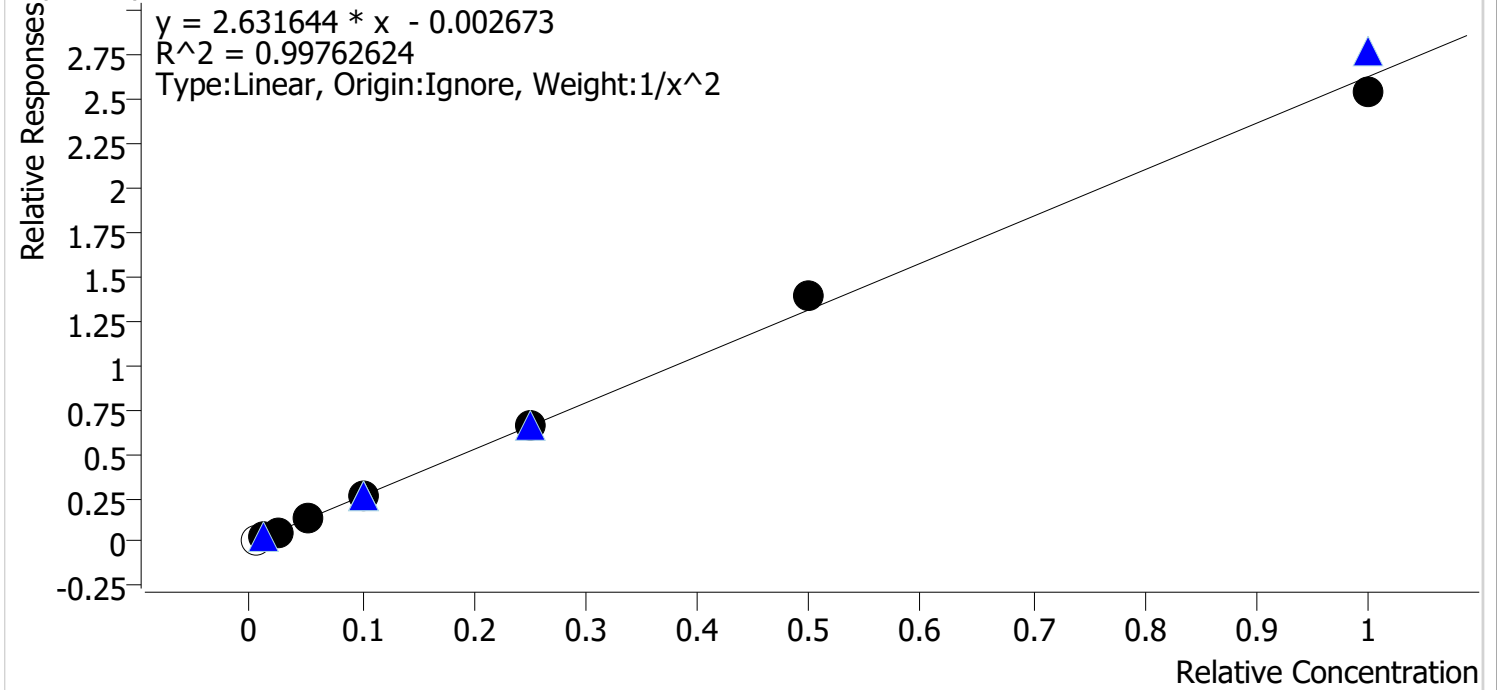
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	6.3	125.5
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	89.8	89.8
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	510.0	102.0
cal 8 mdq	8	✓	1000.0	1114.2	111.4

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Buprenorphine	Internal Standard	Buprenorphine-D4

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



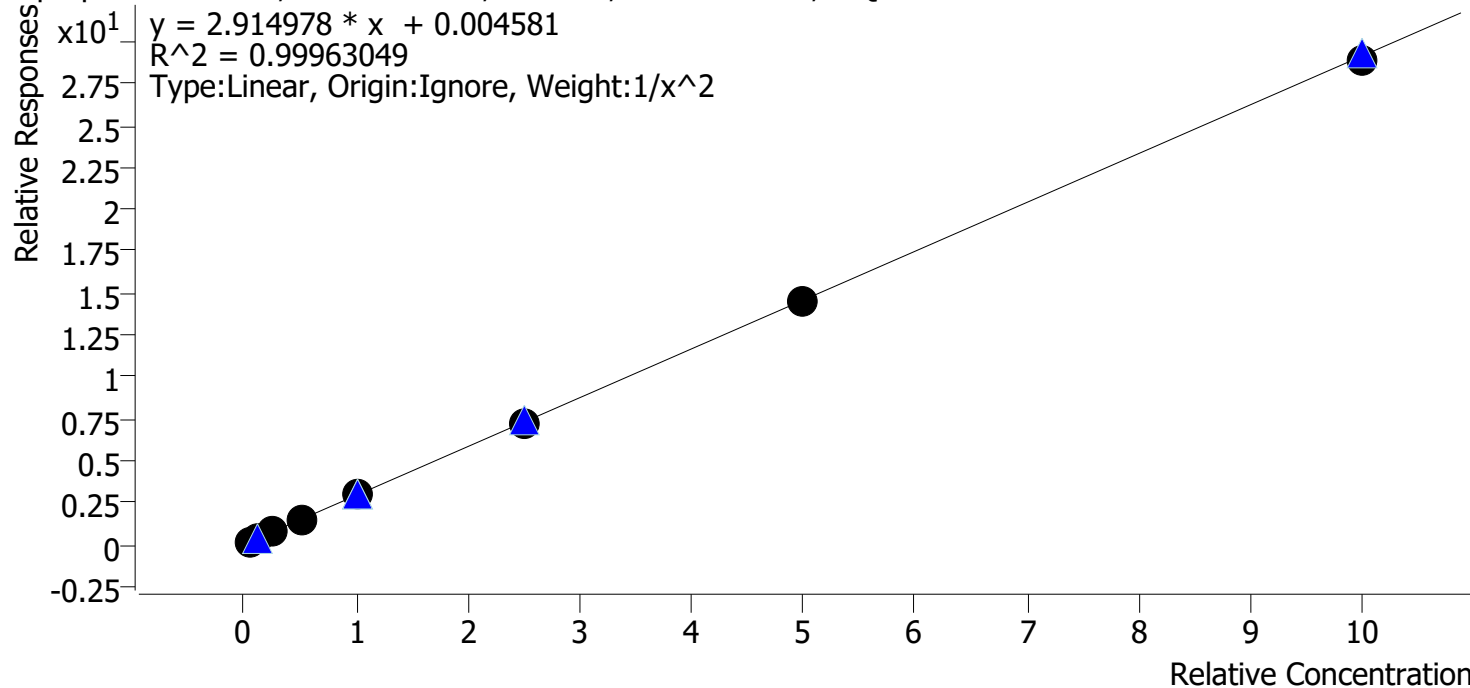
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.6	124.2
cal 2 mdq	2	✓	1.0	1.0	101.9
cal 3 mdq	3	✓	2.5	2.3	93.5
cal 4 mdq	4	✓	5.0	5.2	104.0
cal 5 mdq	5	✓	10.0	9.8	98.2
cal 6 mdq	6	✓	25.0	25.0	100.1
cal 7 mdq	7	✓	50.0	52.7	105.5
cal 8 mdq	8	✓	100.0	96.8	96.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



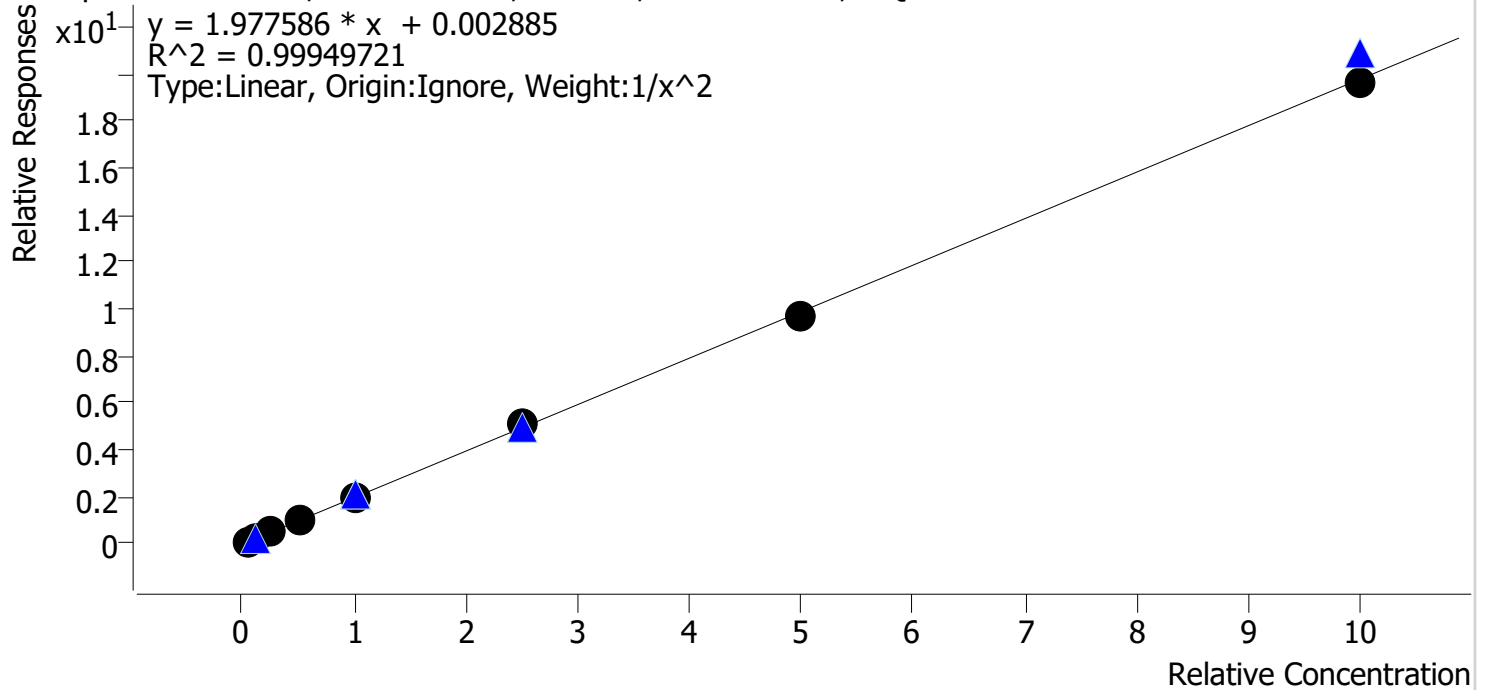
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	51.8	103.6
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	499.0	99.8
cal 8 mdq	8	✓	1000.0	989.1	98.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



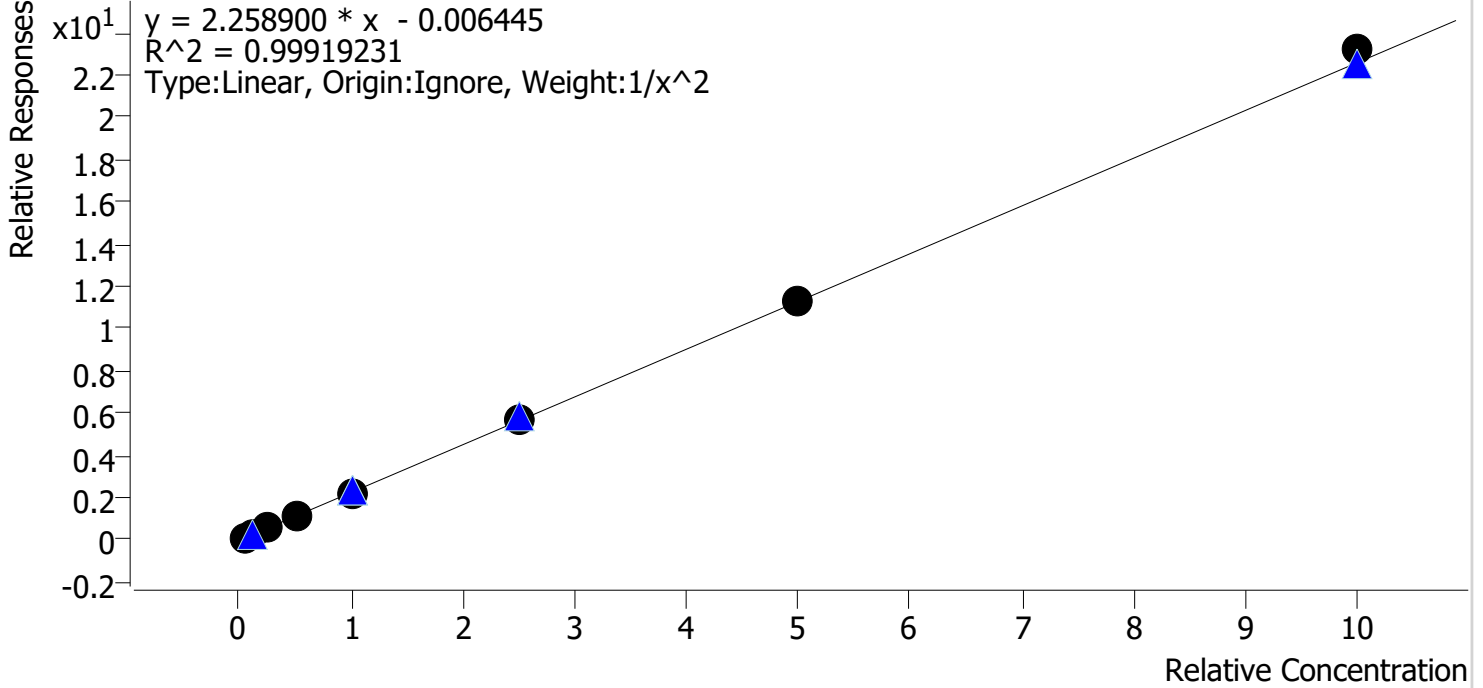
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	257.4	103.0
cal 7 mdq	7	✓	500.0	487.5	97.5
cal 8 mdq	8	✓	1000.0	995.3	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



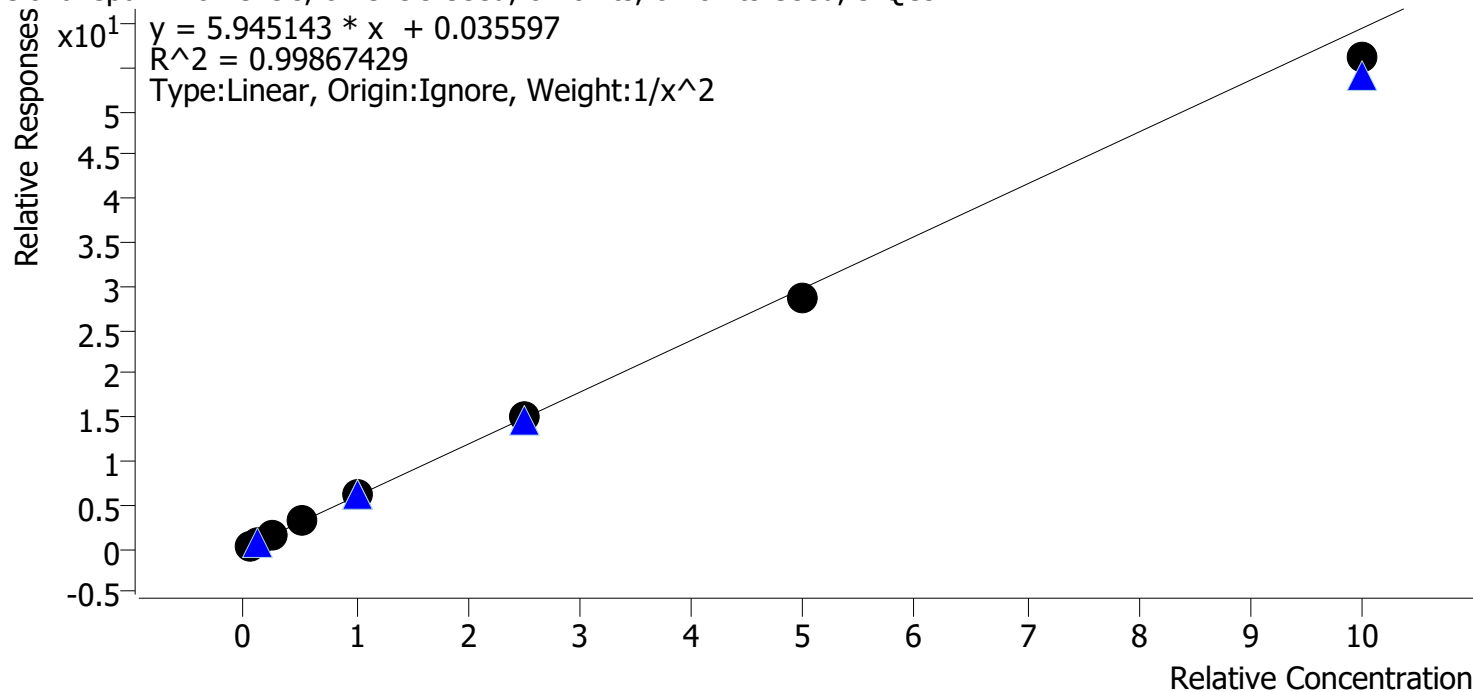
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.6	96.1
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	497.7	99.5
cal 8 mdq	8	✓	1000.0	1027.4	102.7

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Clonazepam	Internal Standard	Clonazepam-D4

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



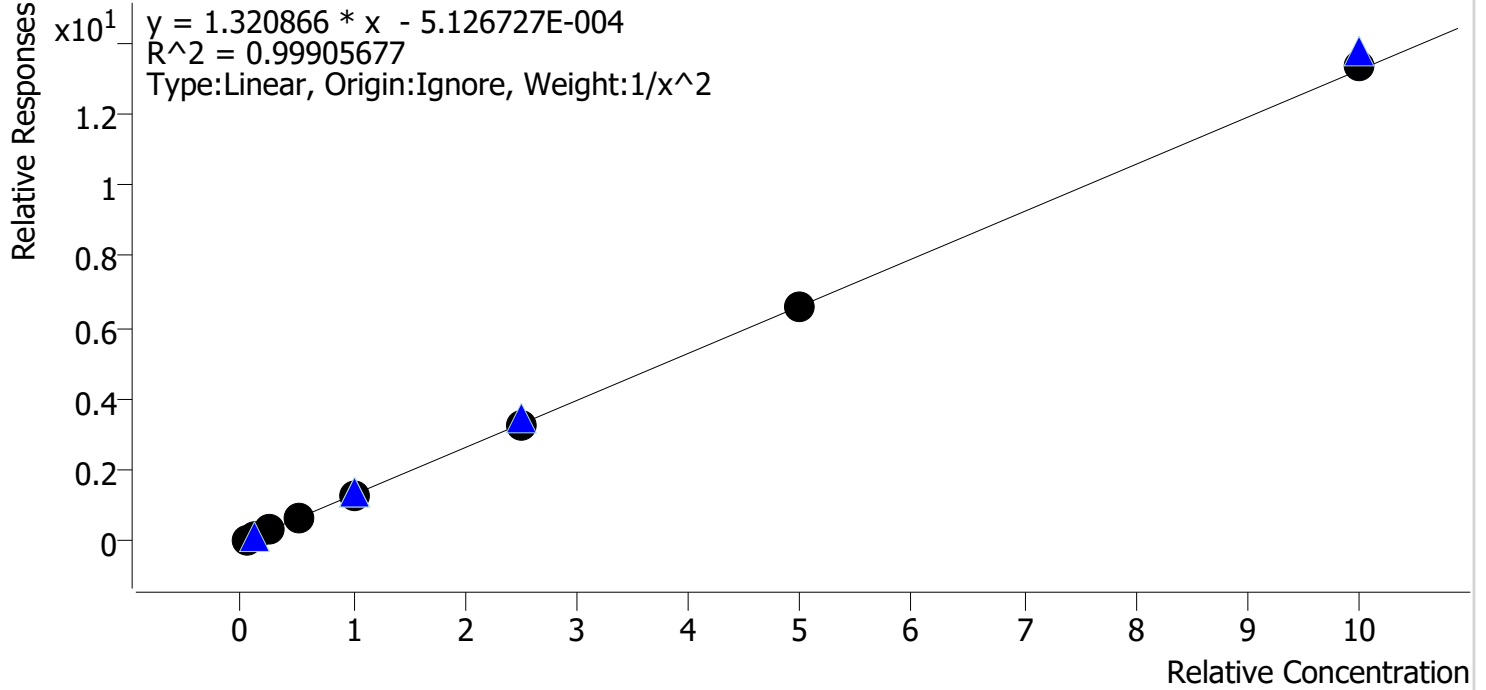
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	484.6	96.9
cal 8 mdq	8	✓	1000.0	943.4	94.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



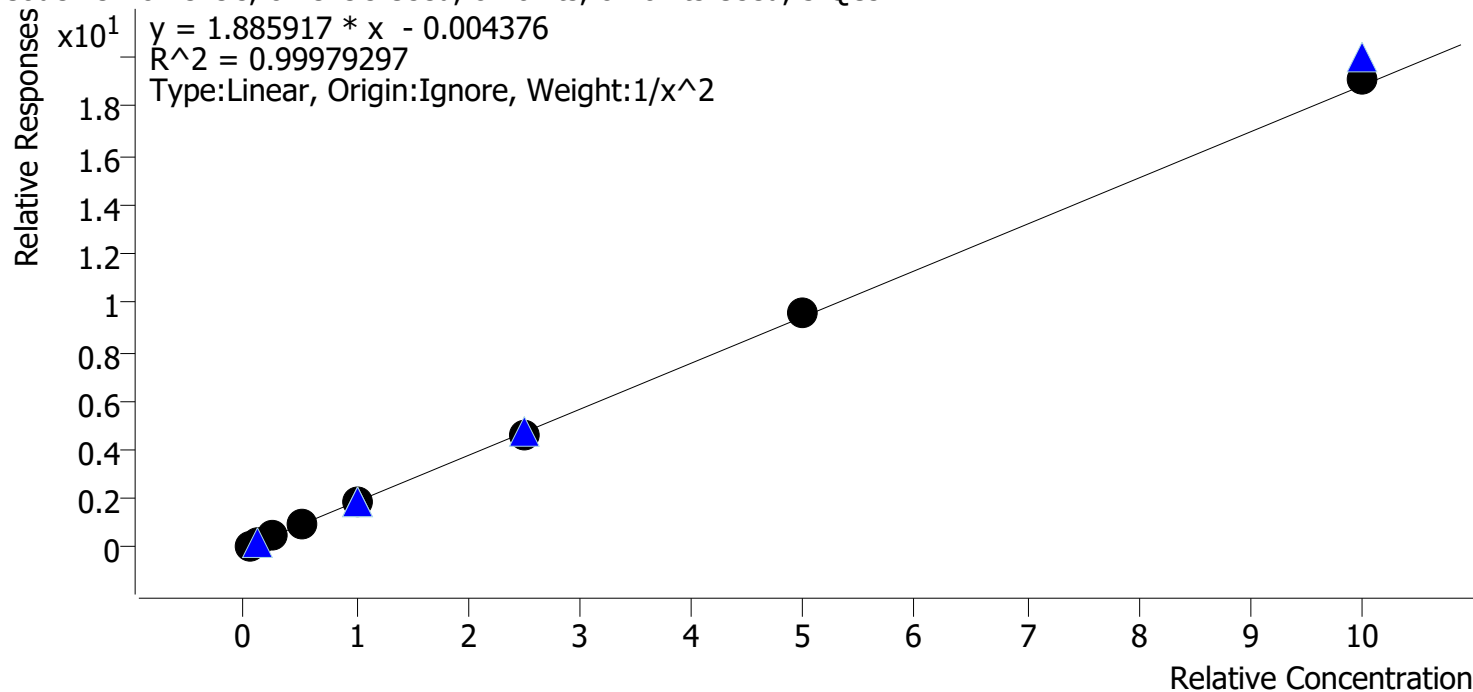
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	23.5	94.2
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	249.1	99.6
cal 7 mdq	7	✓	500.0	498.9	99.8
cal 8 mdq	8	✓	1000.0	1011.7	101.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



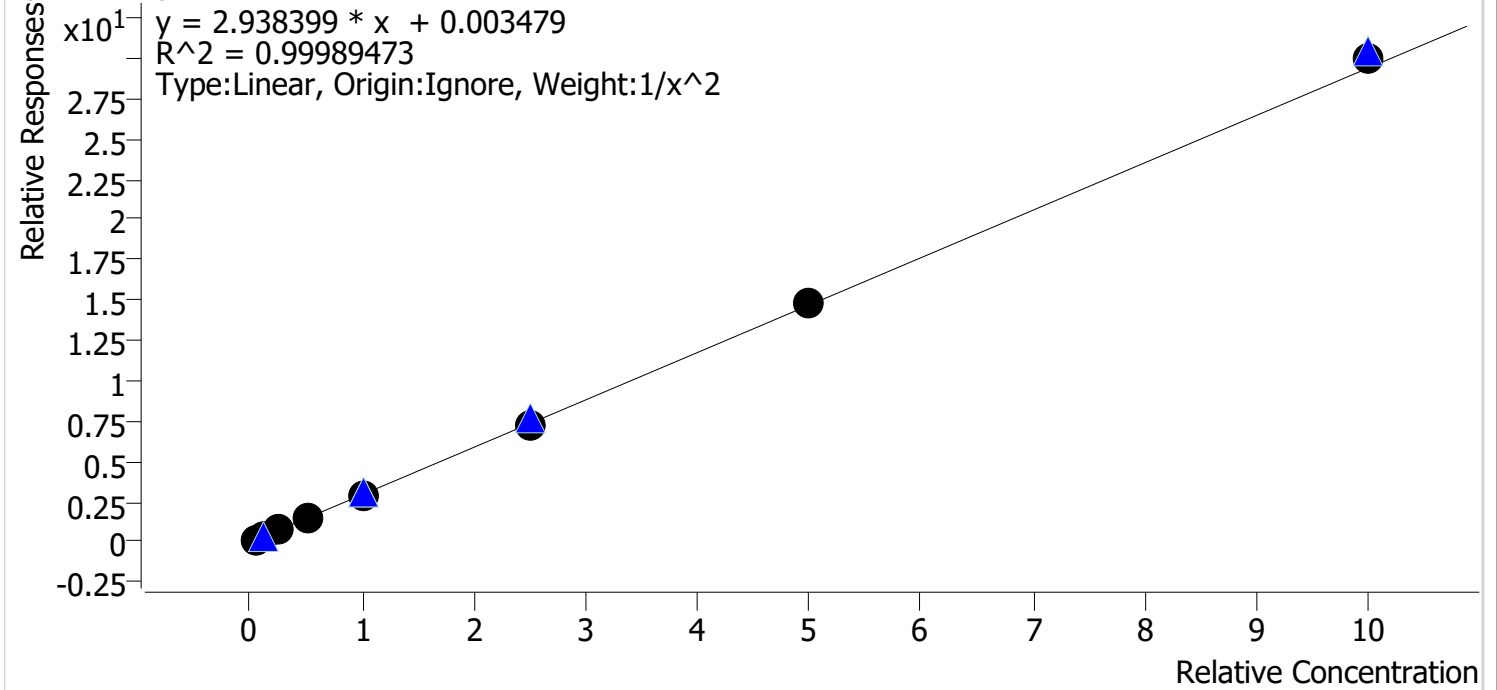
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	509.7	101.9
cal 8 mdq	8	✓	1000.0	1014.2	101.4

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Cyclobenzaprine	Internal Standard	Cyclobenzaprine-D3

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



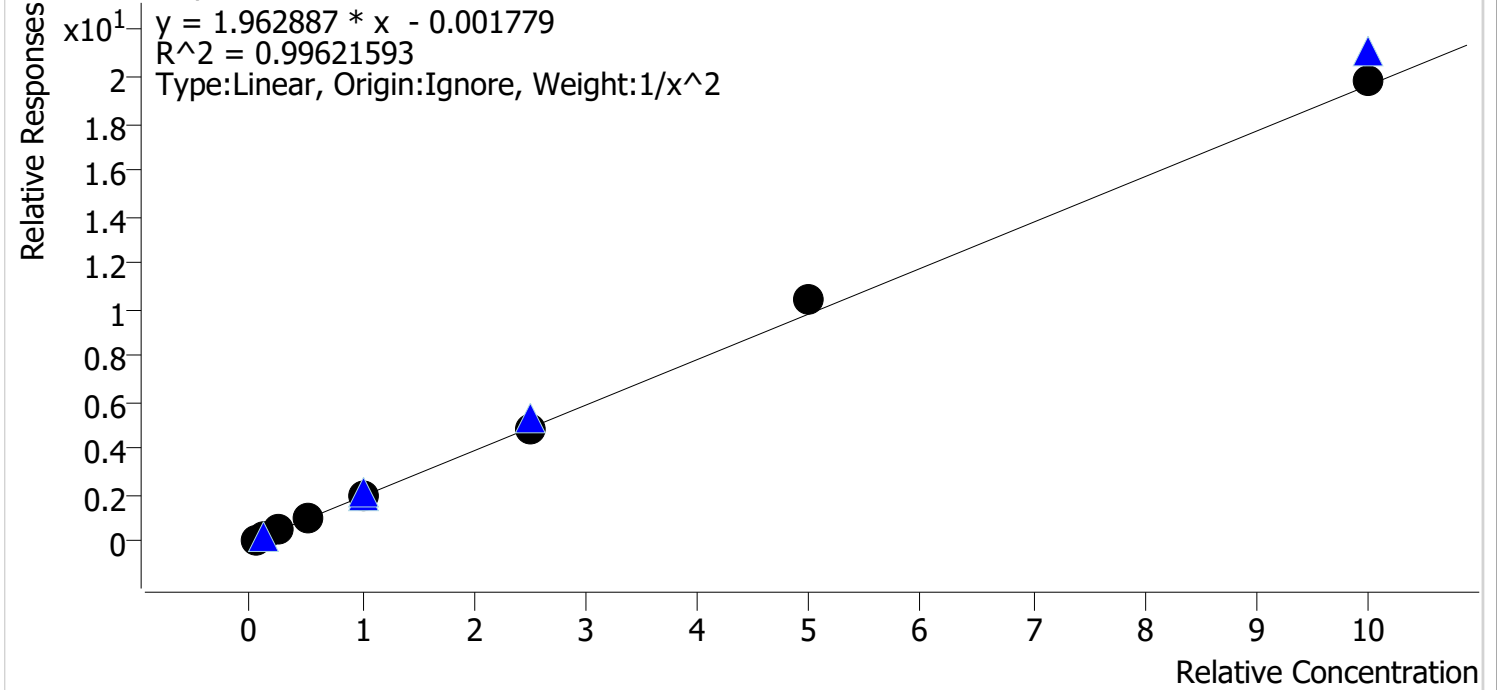
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	502.9	100.6
cal 8 mdq	8	✓	1000.0	1017.4	101.7

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Dextromethorphan	Internal Standard	Dextromethorphan-D3

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



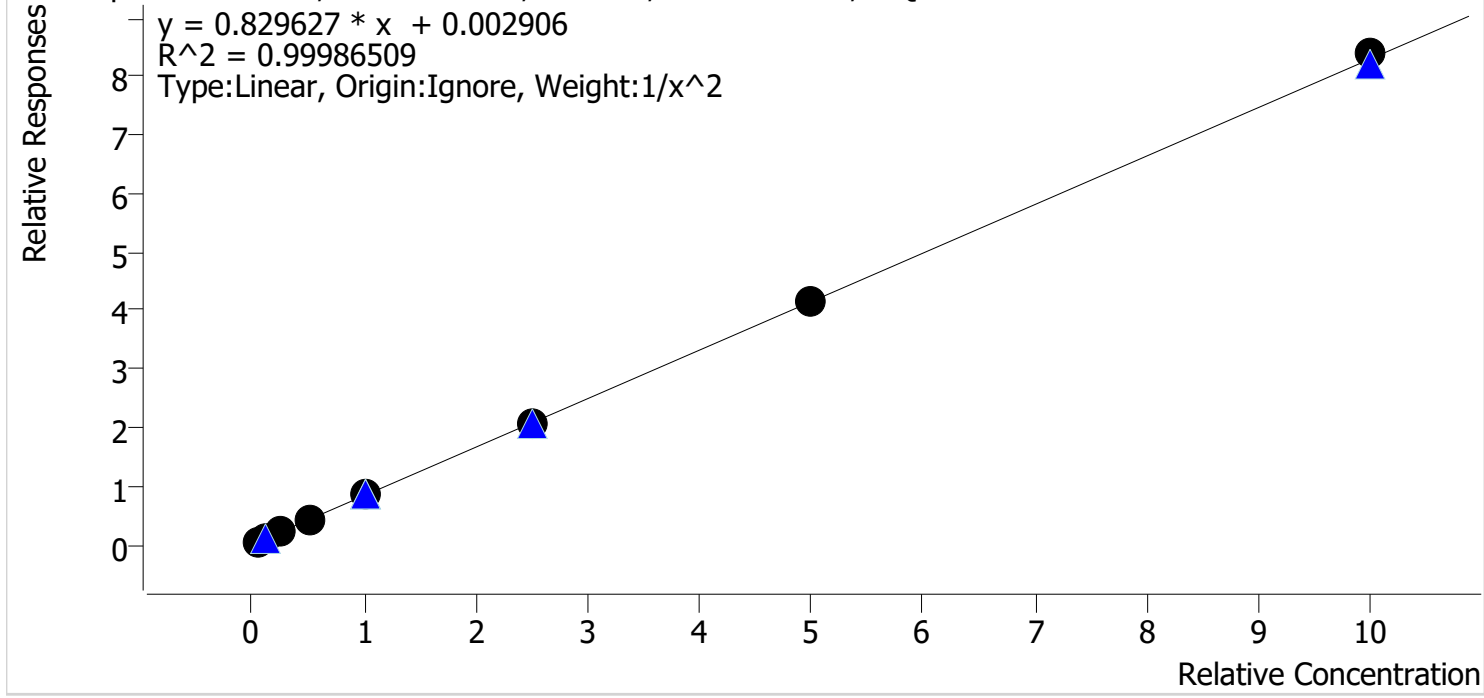
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.7
cal 2 mdq	2	✓	10.0	8.9	89.2
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	532.0	106.4
cal 8 mdq	8	✓	1000.0	1011.1	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



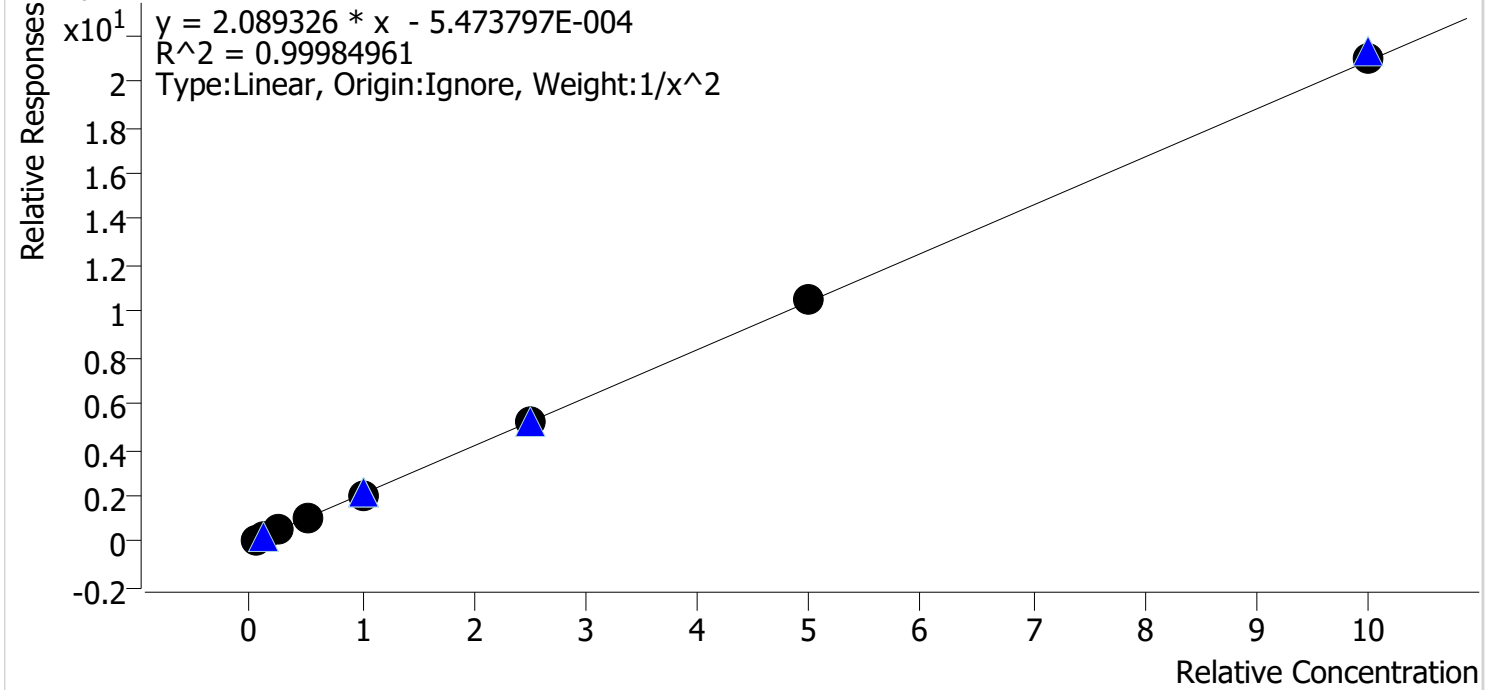
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	25.3	101.4
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	498.8	99.8
cal 8 mdq	8	✓	1000.0	1011.3	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



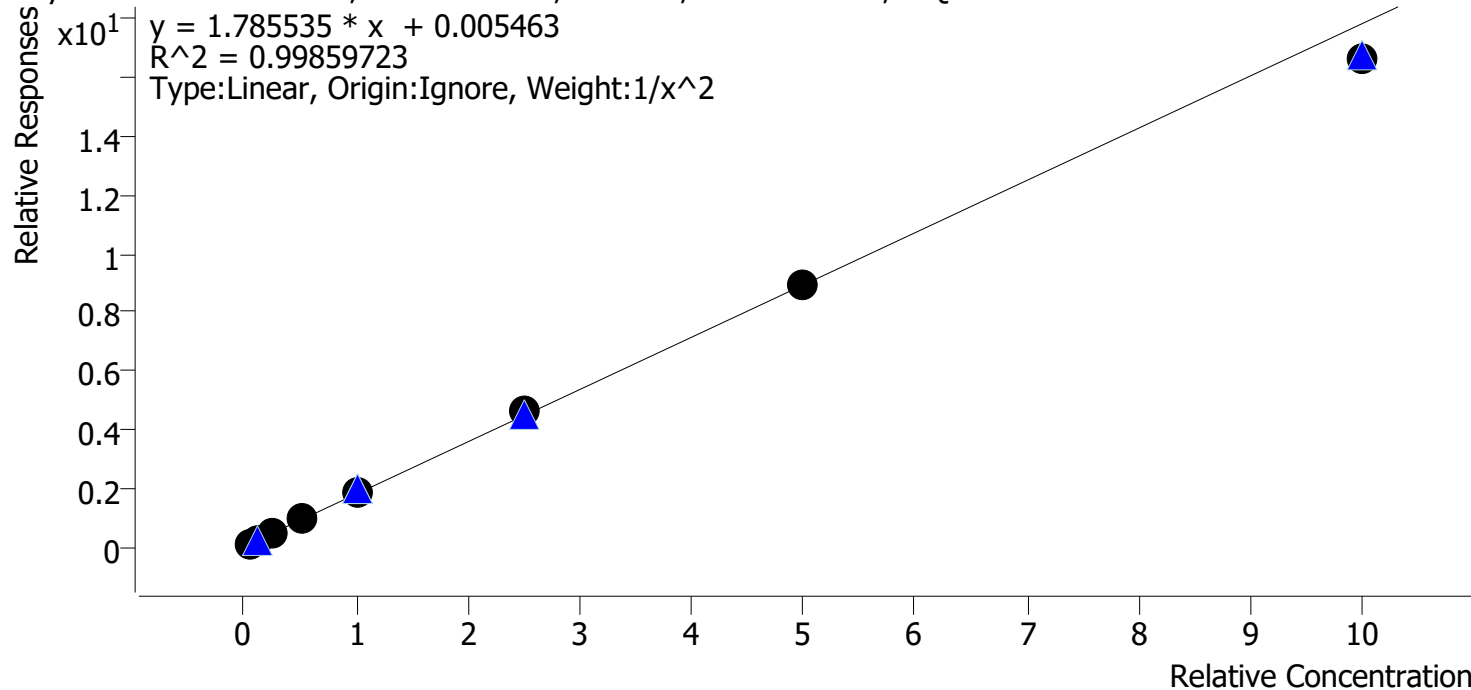
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	250.1	100.1
cal 7 mdq	7	✓	500.0	500.8	100.2
cal 8 mdq	8	✓	1000.0	1007.5	100.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



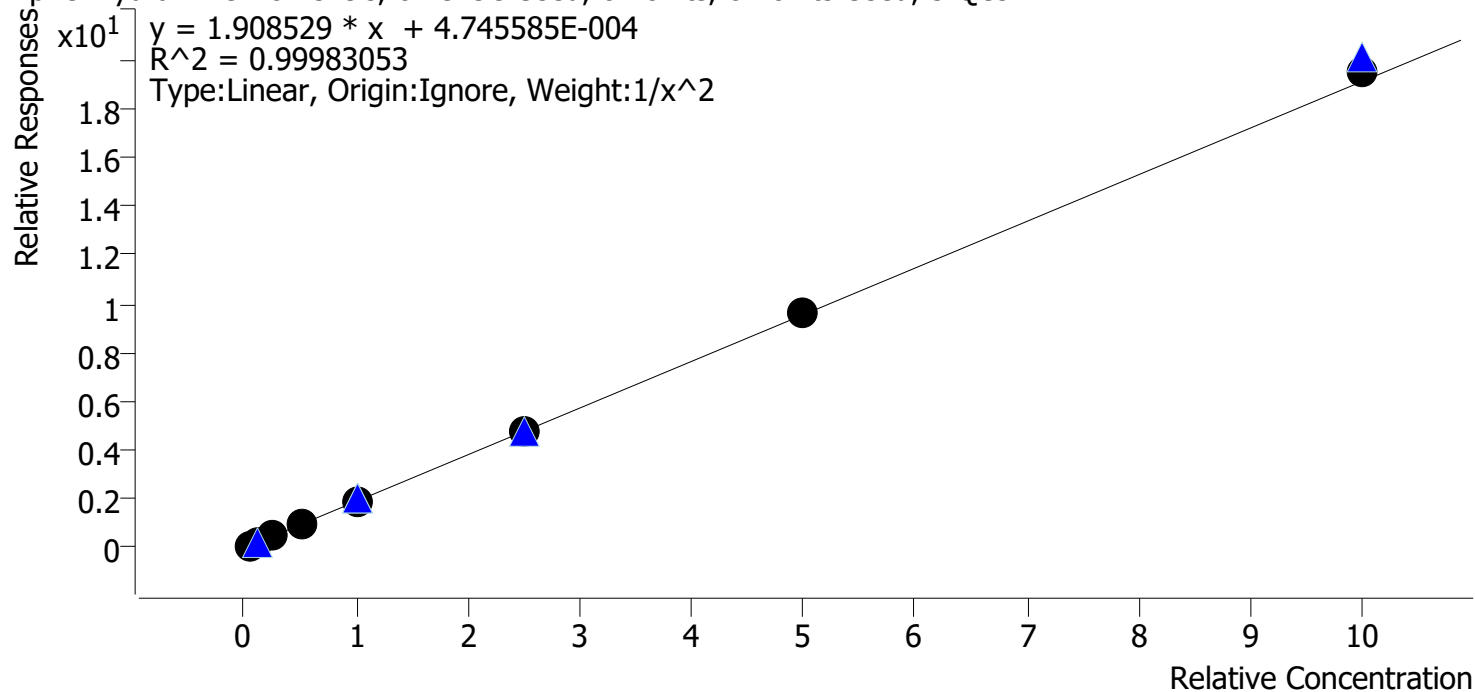
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	256.6	102.7
cal 7 mdq	7	✓	500.0	501.4	100.3
cal 8 mdq	8	✓	1000.0	929.8	93.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

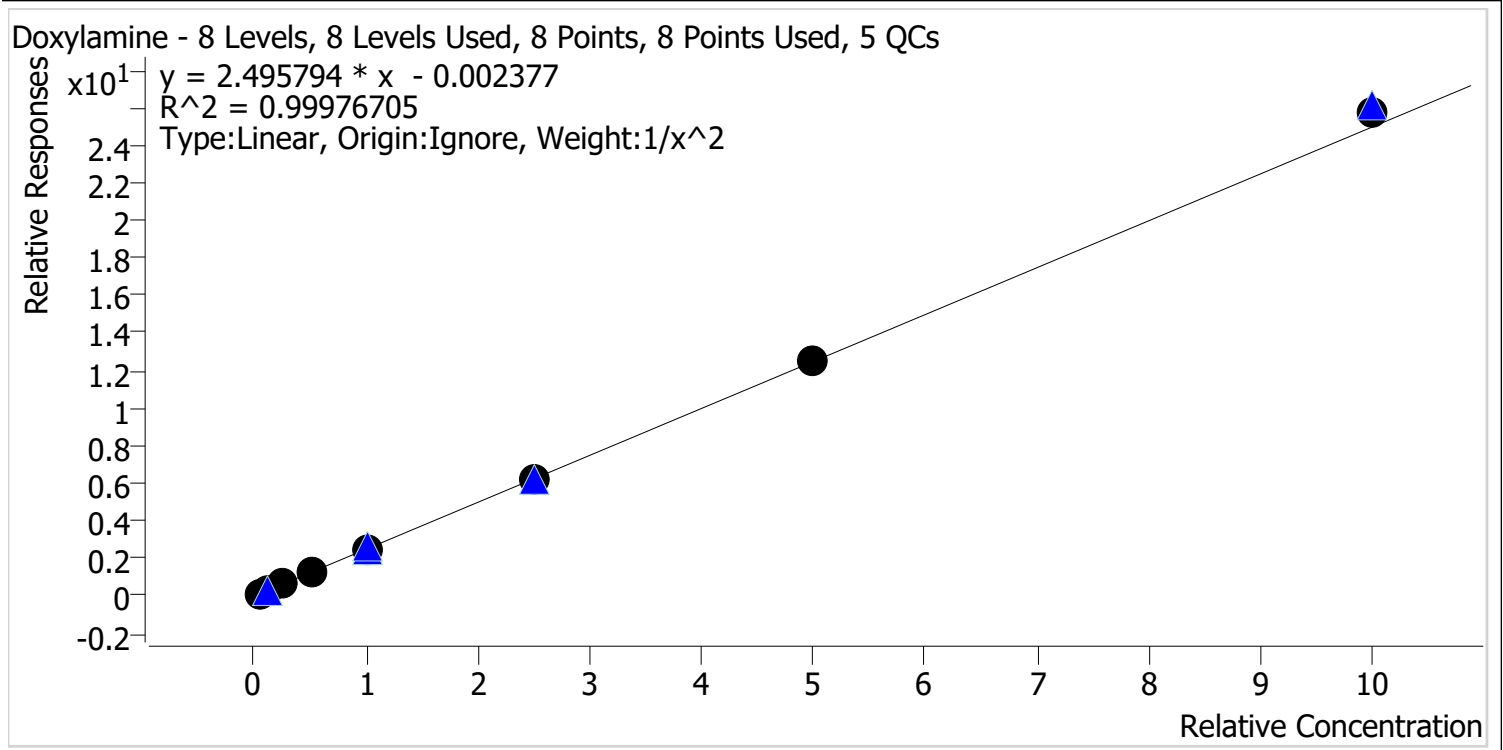


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	251.2	100.5
cal 7 mdq	7	✓	500.0	501.8	100.4
cal 8 mdq	8	✓	1000.0	1017.4	101.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



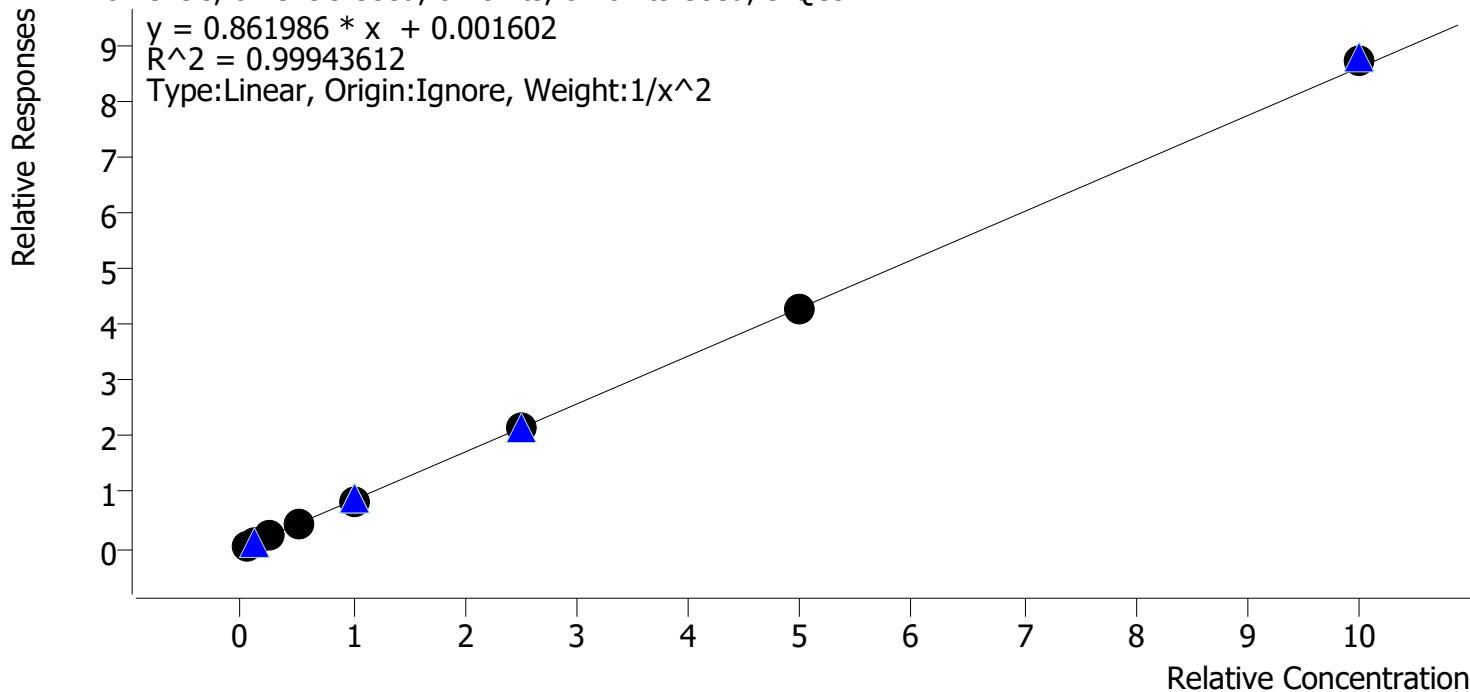
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	1028.0	102.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



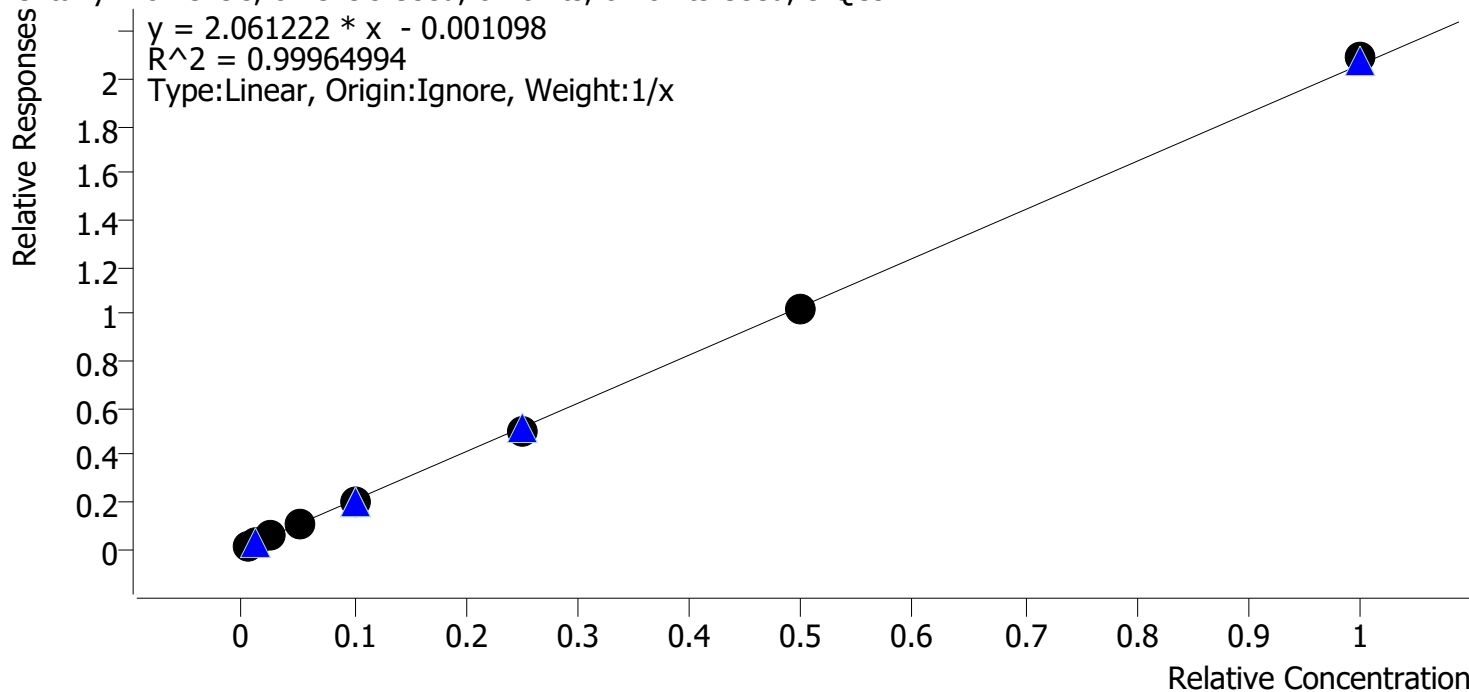
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	24.4	97.8
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	252.1	100.9
cal 7 mdq	7	✓	500.0	499.2	99.8
cal 8 mdq	8	✓	1000.0	1016.9	101.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



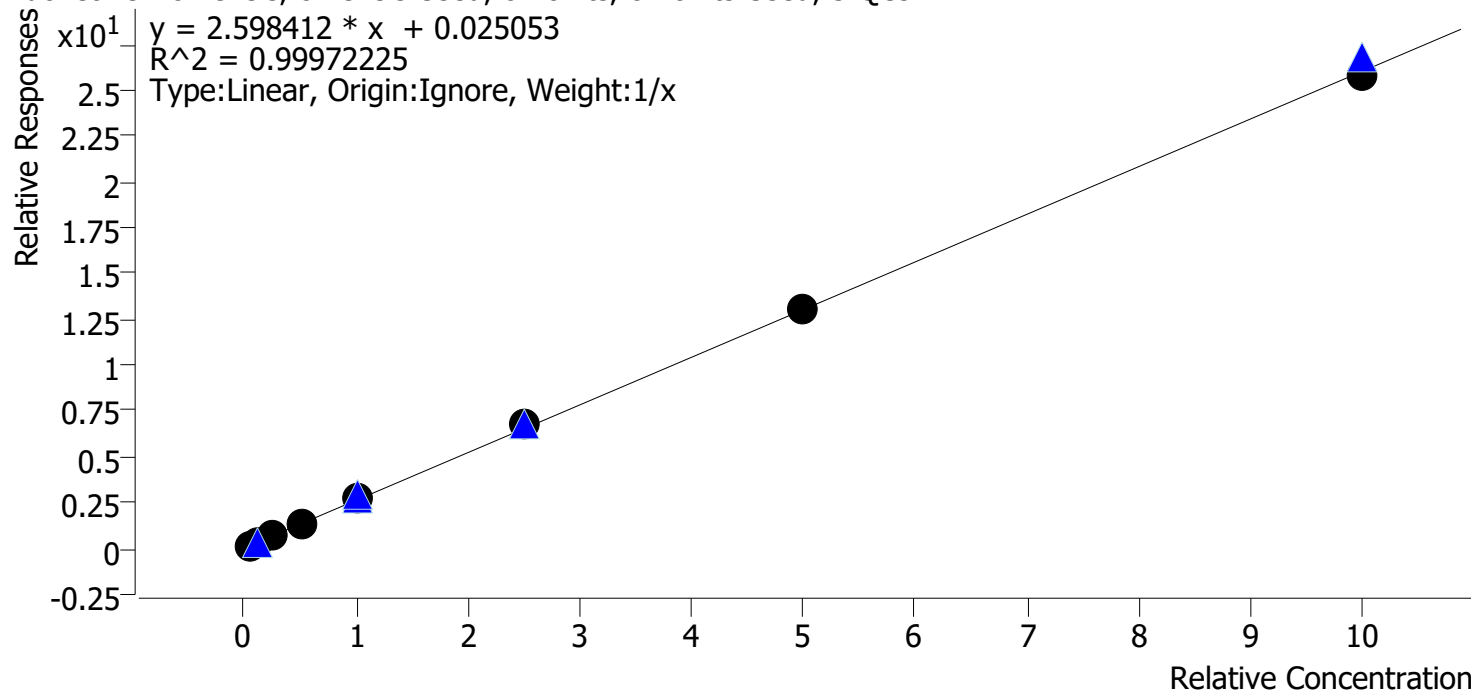
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	113.1
cal 2 mdq	2	✓	1.0	1.0	96.0
cal 3 mdq	3	✓	2.5	2.4	97.6
cal 4 mdq	4	✓	5.0	4.8	96.3
cal 5 mdq	5	✓	10.0	9.9	99.1
cal 6 mdq	6	✓	25.0	24.4	97.5
cal 7 mdq	7	✓	50.0	49.5	99.0
cal 8 mdq	8	✓	100.0	101.5	101.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



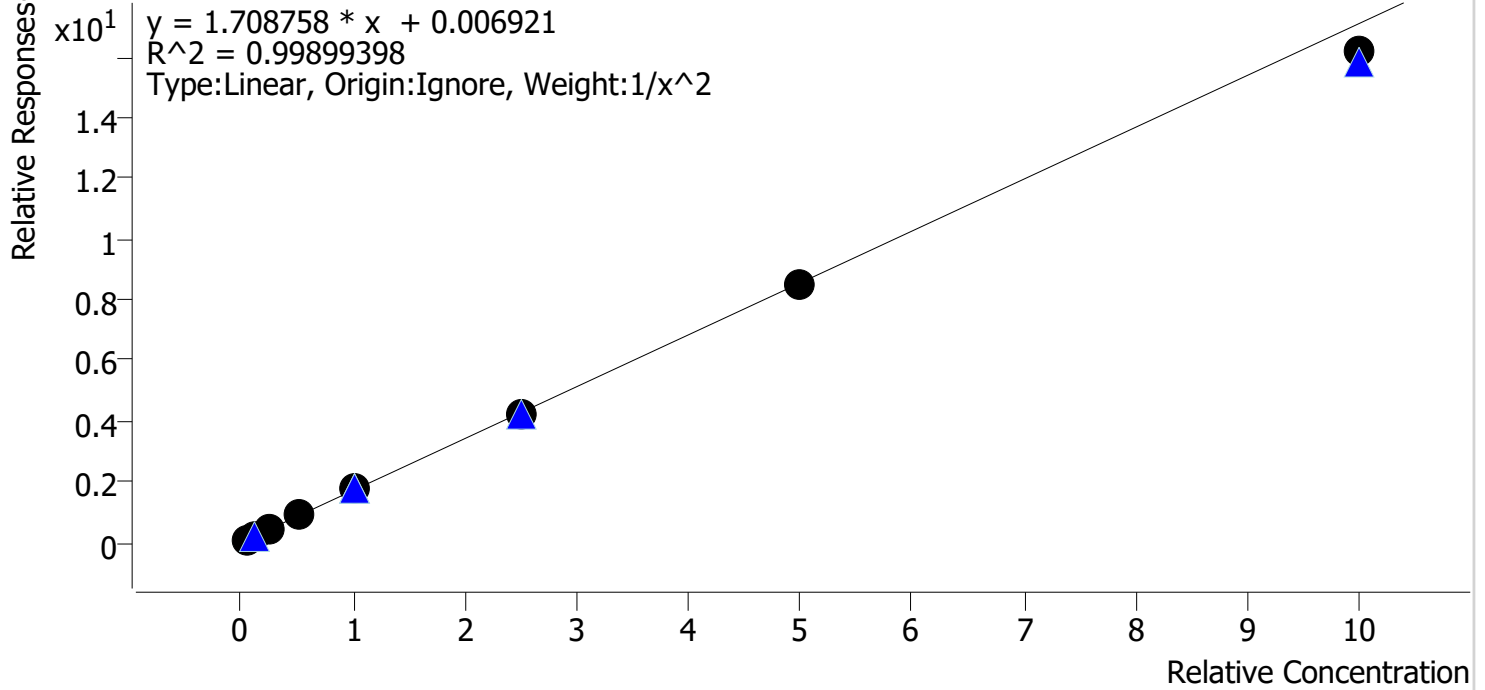
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	91.7
cal 2 mdq	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	26.1	104.6
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	256.6	102.6
cal 7 mdq	7	✓	500.0	501.7	100.3
cal 8 mdq	8	✓	1000.0	988.0	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



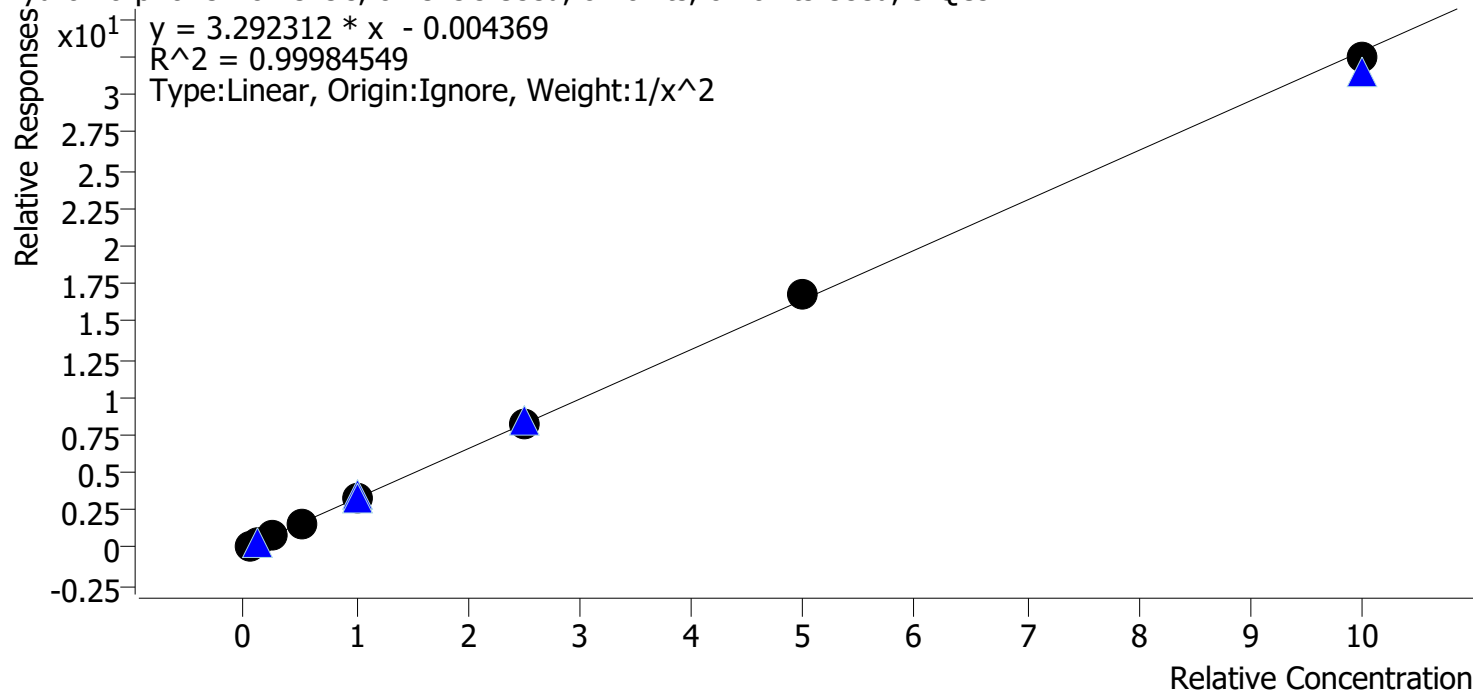
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	25.9	103.6
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	497.5	99.5
cal 8 mdq	8	✓	1000.0	945.9	94.6

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Hydromorphone	Internal Standard	Hydromorphone-D6

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



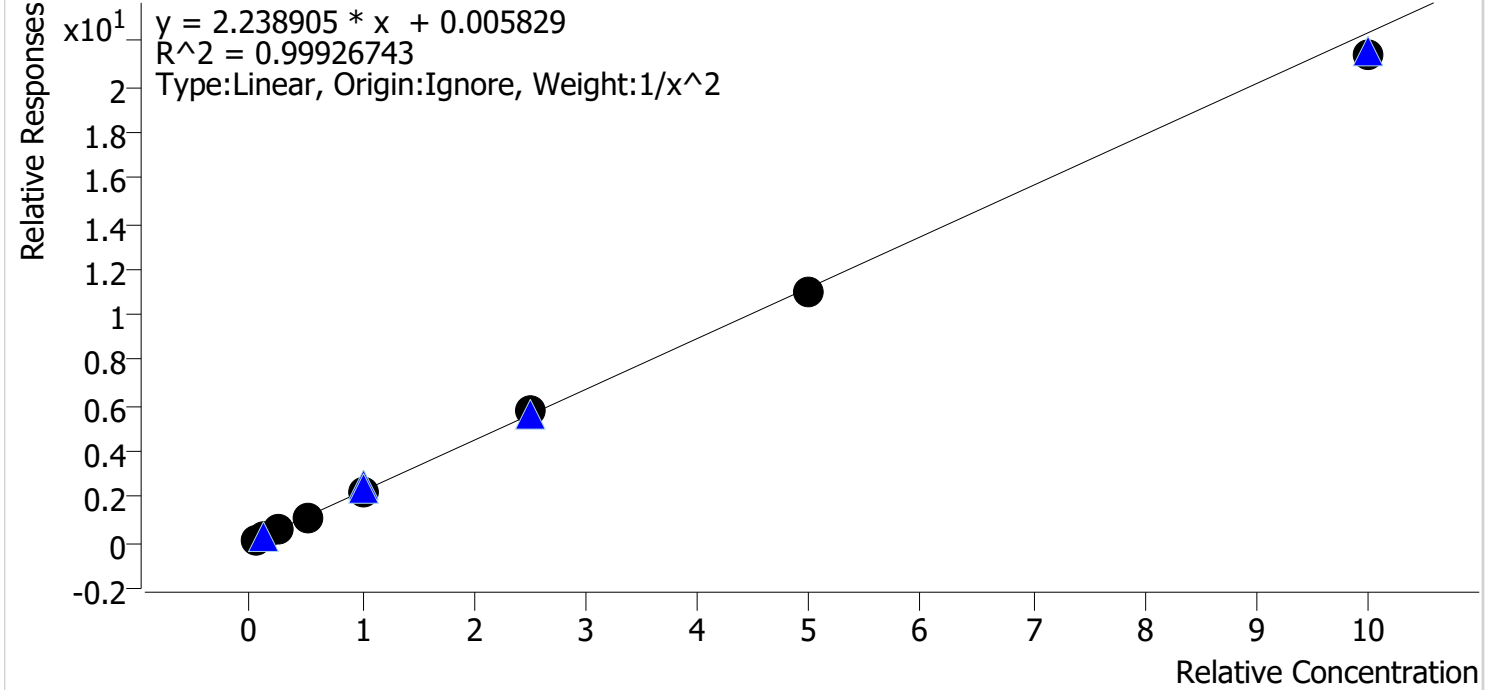
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	511.0	102.2
cal 8 mdq	8	✓	1000.0	987.0	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

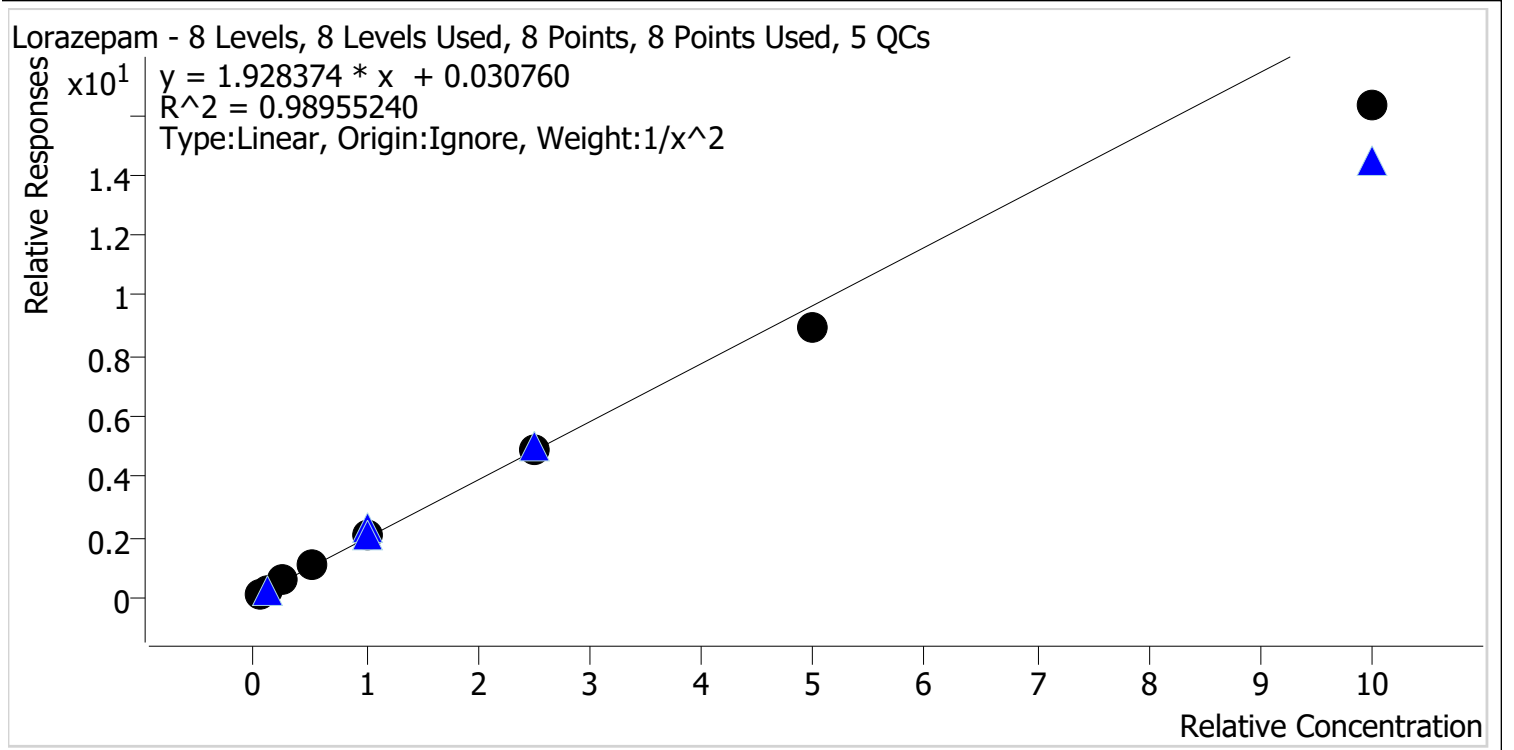


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.2	101.0
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	255.2	102.1
cal 7 mdq	7	✓	500.0	491.3	98.3
cal 8 mdq	8	✓	1000.0	953.6	95.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** 7-Aminoclonazepam-D4



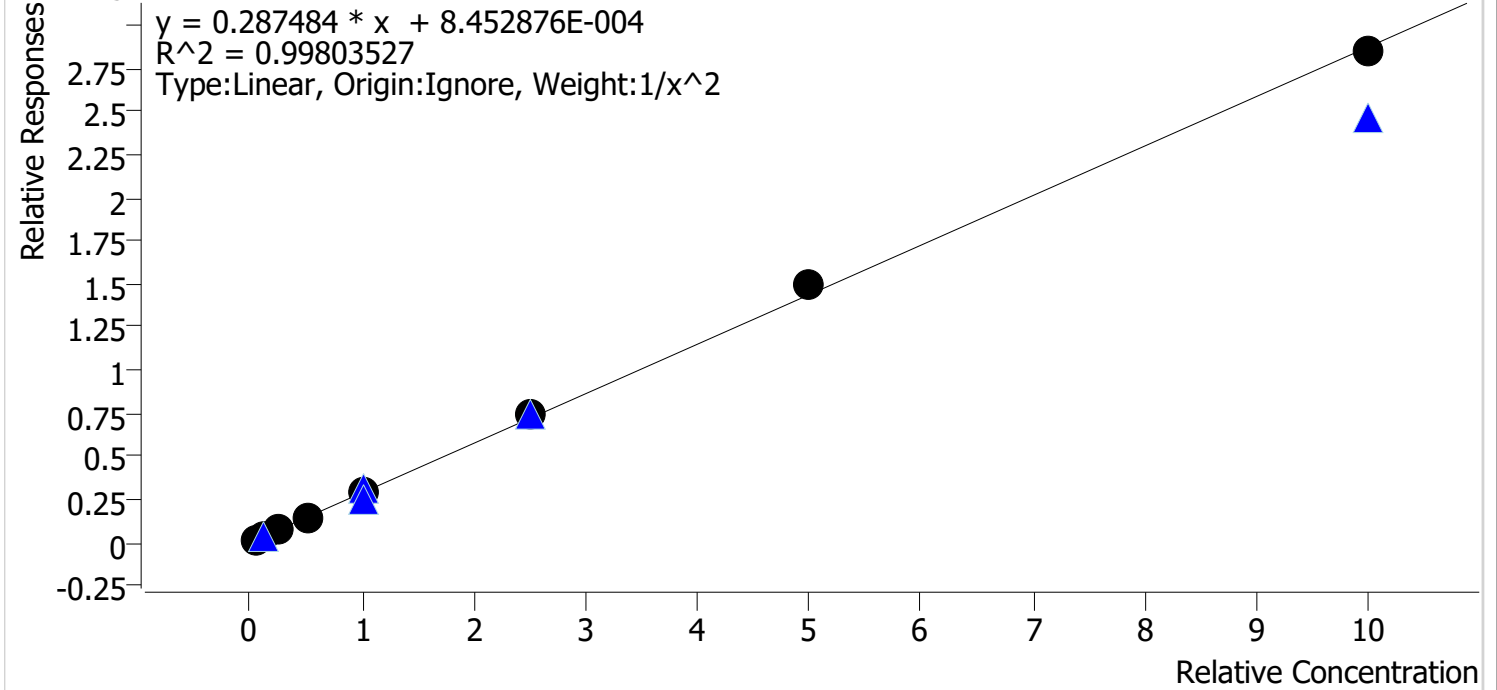
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.5
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	27.3	109.3
cal 4 mdq	4	✓	50.0	55.6	111.1
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	251.9	100.7
cal 7 mdq	7	✓	500.0	462.1	92.4
cal 8 mdq	8	✓	1000.0	843.0	84.3

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Lamotrigine	Internal Standard	Dextromethorphan-D3

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



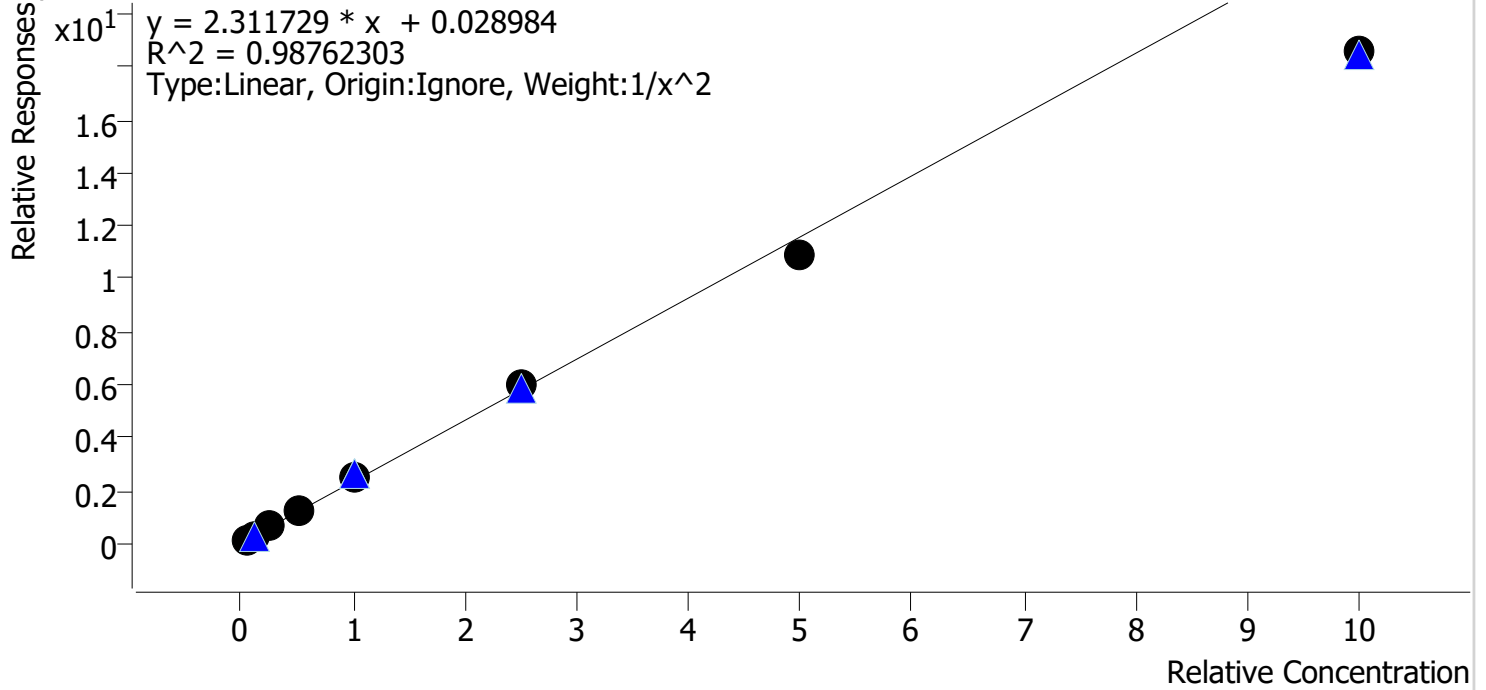
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	260.9	104.4
cal 7 mdq	7	✓	500.0	523.0	104.6
cal 8 mdq	8	✓	1000.0	990.8	99.1

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Meprobamate	Internal Standard	Meprobamate-D7

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

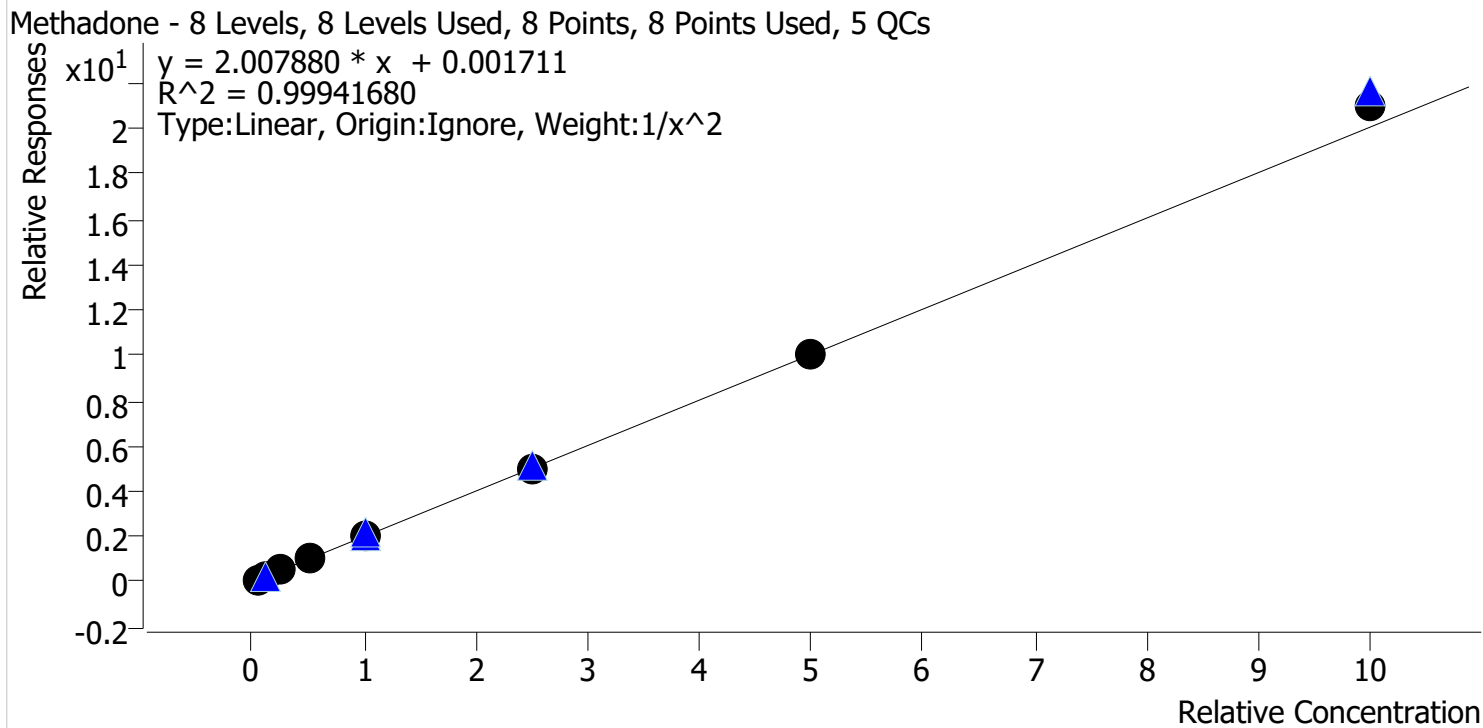


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	27.1	108.3
cal 4 mdq	4	✓	50.0	54.7	109.4
cal 5 mdq	5	✓	100.0	107.3	107.3
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	469.4	93.9
cal 8 mdq	8	✓	1000.0	802.9	80.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



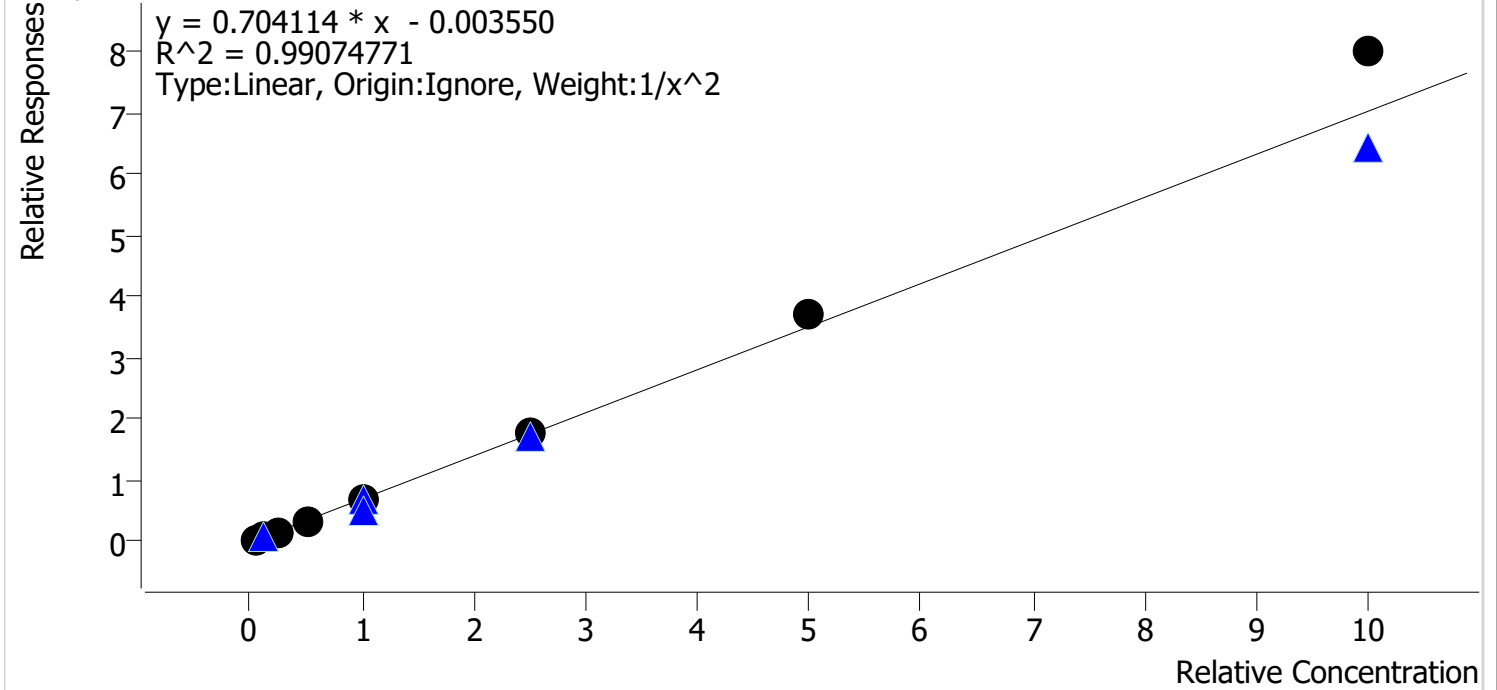
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	49.4	98.7
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	247.1	98.9
cal 7 mdq	7	✓	500.0	504.6	100.9
cal 8 mdq	8	✓	1000.0	1043.7	104.4

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Metoprolol	Internal Standard	Dextromethorphan-D3

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



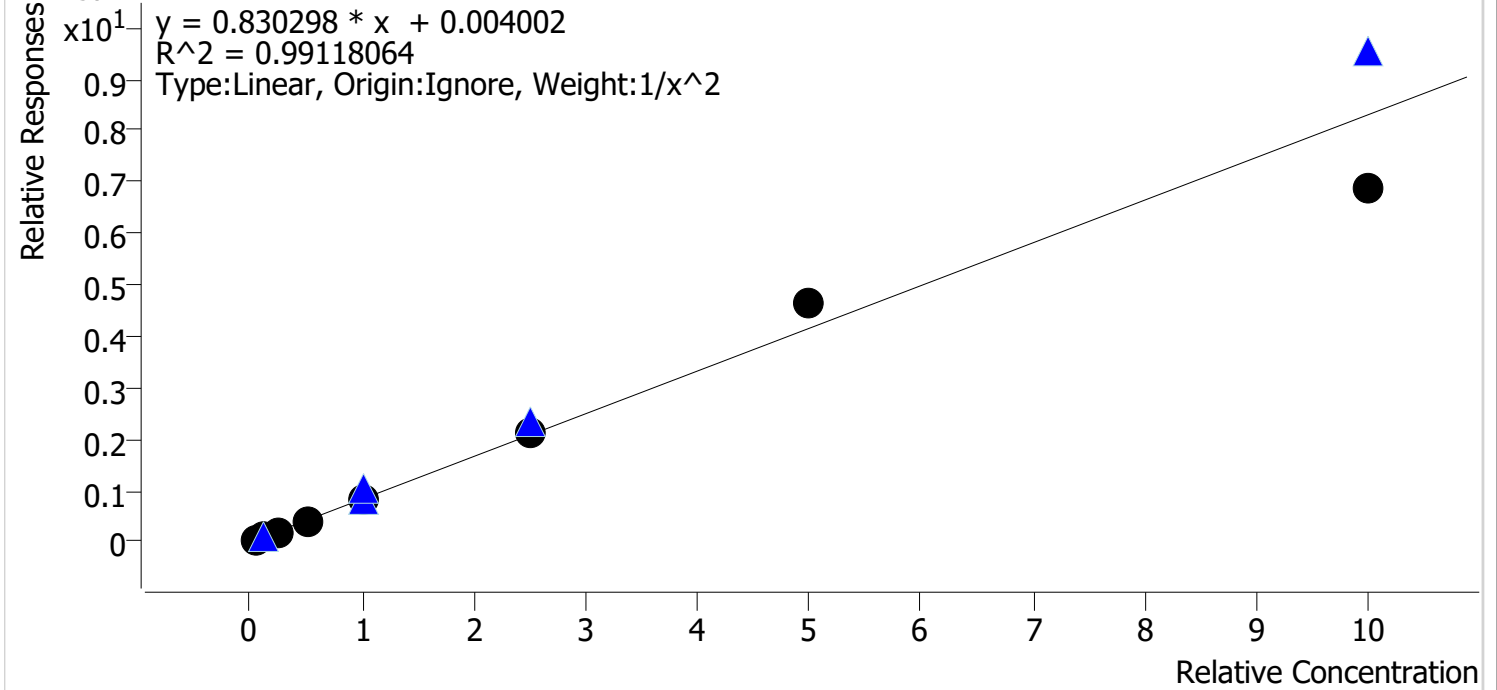
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.4
cal 2 mdq	2	✓	10.0	9.3	92.7
cal 3 mdq	3	✓	25.0	22.4	89.8
cal 4 mdq	4	✓	50.0	47.1	94.3
cal 5 mdq	5	✓	100.0	94.6	94.6
cal 6 mdq	6	✓	250.0	256.2	102.5
cal 7 mdq	7	✓	500.0	529.7	105.9
cal 8 mdq	8	✓	1000.0	1138.4	113.8

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Mitragynine	Internal Standard	Dextromethorphan-D3

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

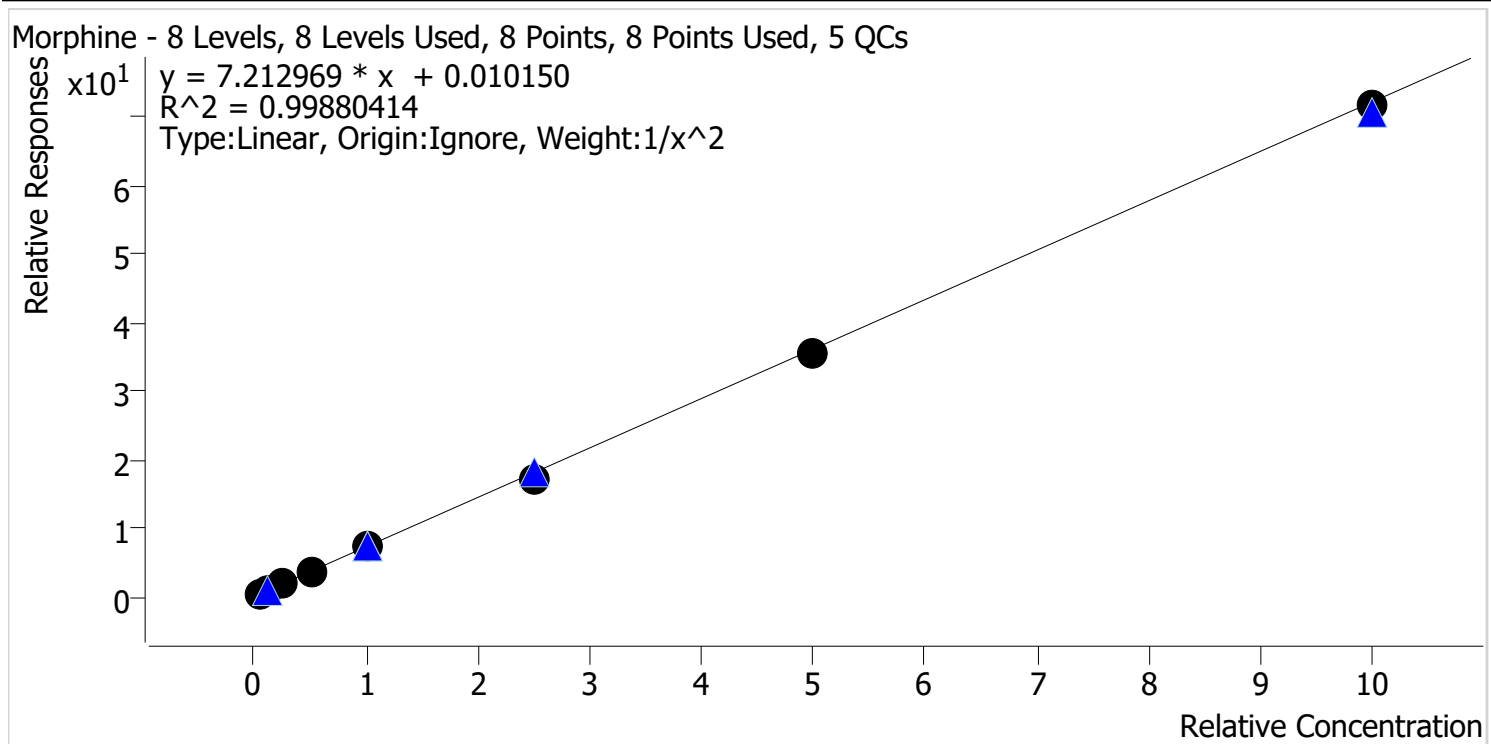


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	50.2	100.5
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	256.3	102.5
cal 7 mdq	7	✓	500.0	561.6	112.3
cal 8 mdq	8	✓	1000.0	825.5	82.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



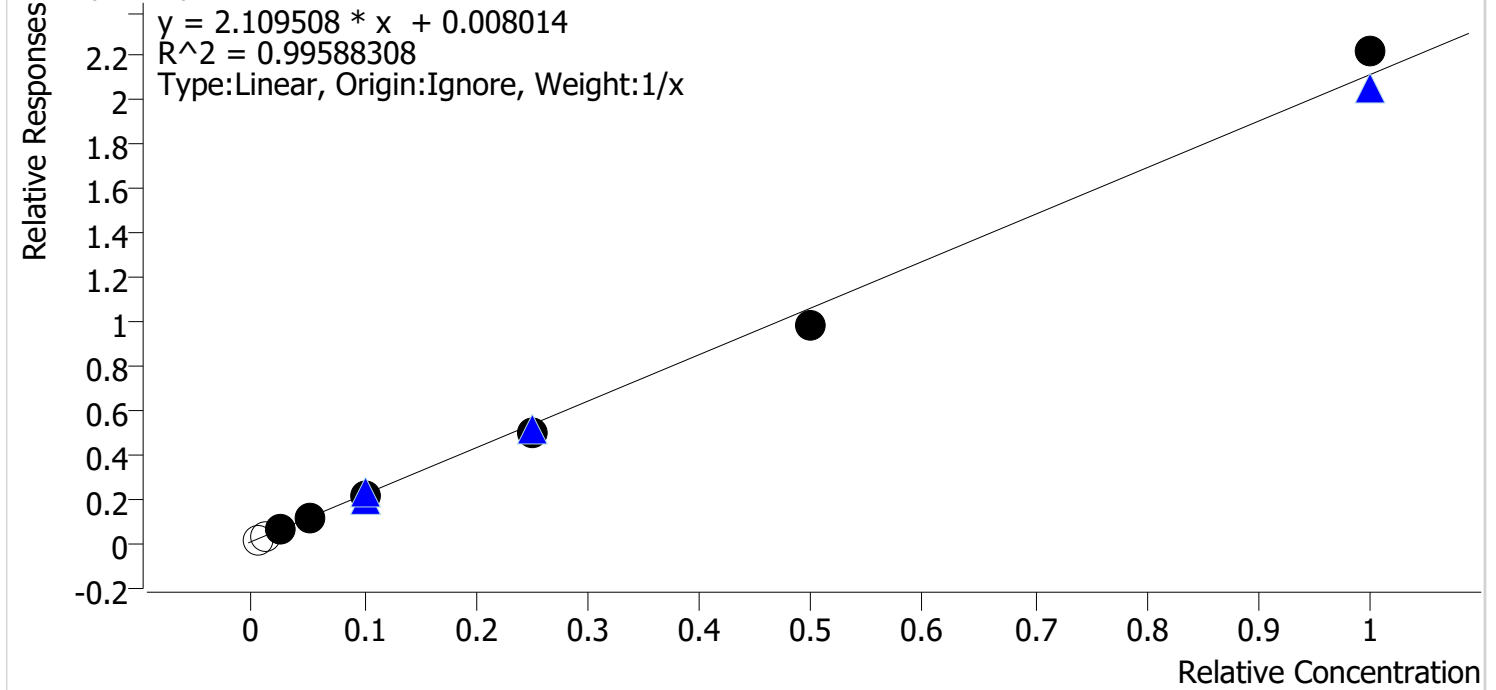
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	26.0	104.1
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	239.0	95.6
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	992.6	99.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



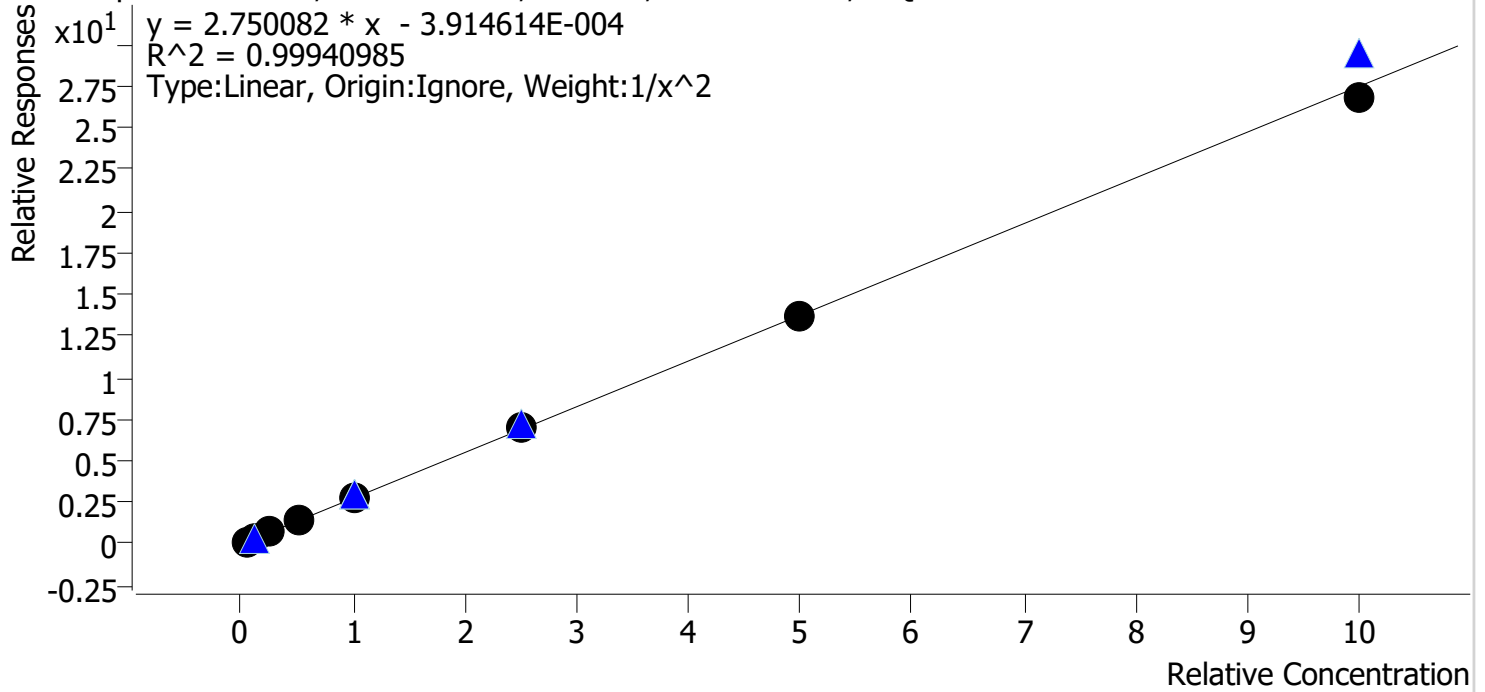
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.3	62.2
cal 2 mdq	2	x	1.0	0.8	83.0
cal 3 mdq	3	✓	2.5	2.8	111.8
cal 4 mdq	4	✓	5.0	5.0	99.4
cal 5 mdq	5	✓	10.0	9.6	96.5
cal 6 mdq	6	✓	25.0	23.5	94.2
cal 7 mdq	7	✓	50.0	46.6	93.2
cal 8 mdq	8	✓	100.0	104.9	104.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



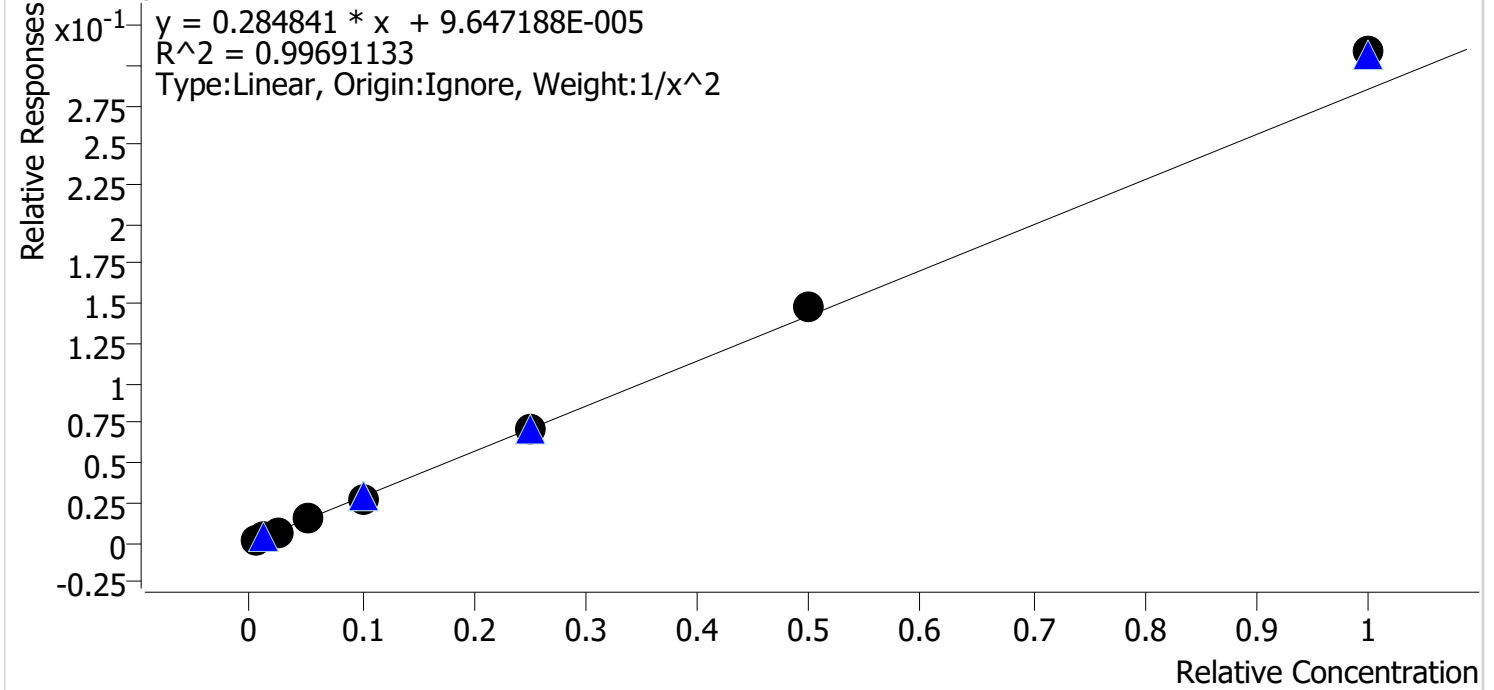
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	51.8	103.7
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	254.9	101.9
cal 7 mdq	7	✓	500.0	498.4	99.7
cal 8 mdq	8	✓	1000.0	972.9	97.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



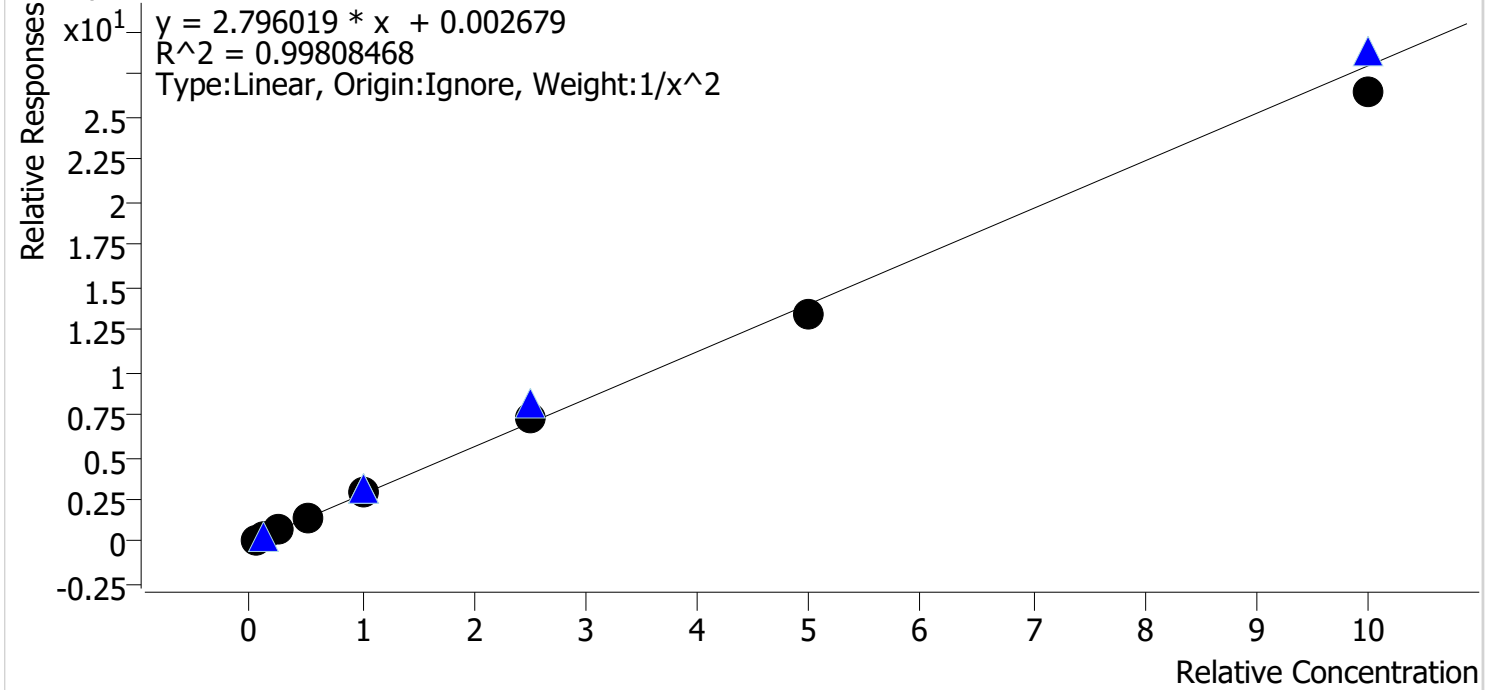
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	103.8
cal 2 mdq	2	✓	1.0	0.9	94.2
cal 3 mdq	3	✓	2.5	2.4	96.8
cal 4 mdq	4	✓	5.0	4.9	98.9
cal 5 mdq	5	✓	10.0	9.6	95.6
cal 6 mdq	6	✓	25.0	24.7	98.7
cal 7 mdq	7	✓	50.0	51.8	103.7
cal 8 mdq	8	✓	100.0	108.3	108.3

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Noroxycodone	Internal Standard	Noroxycodone-D3

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

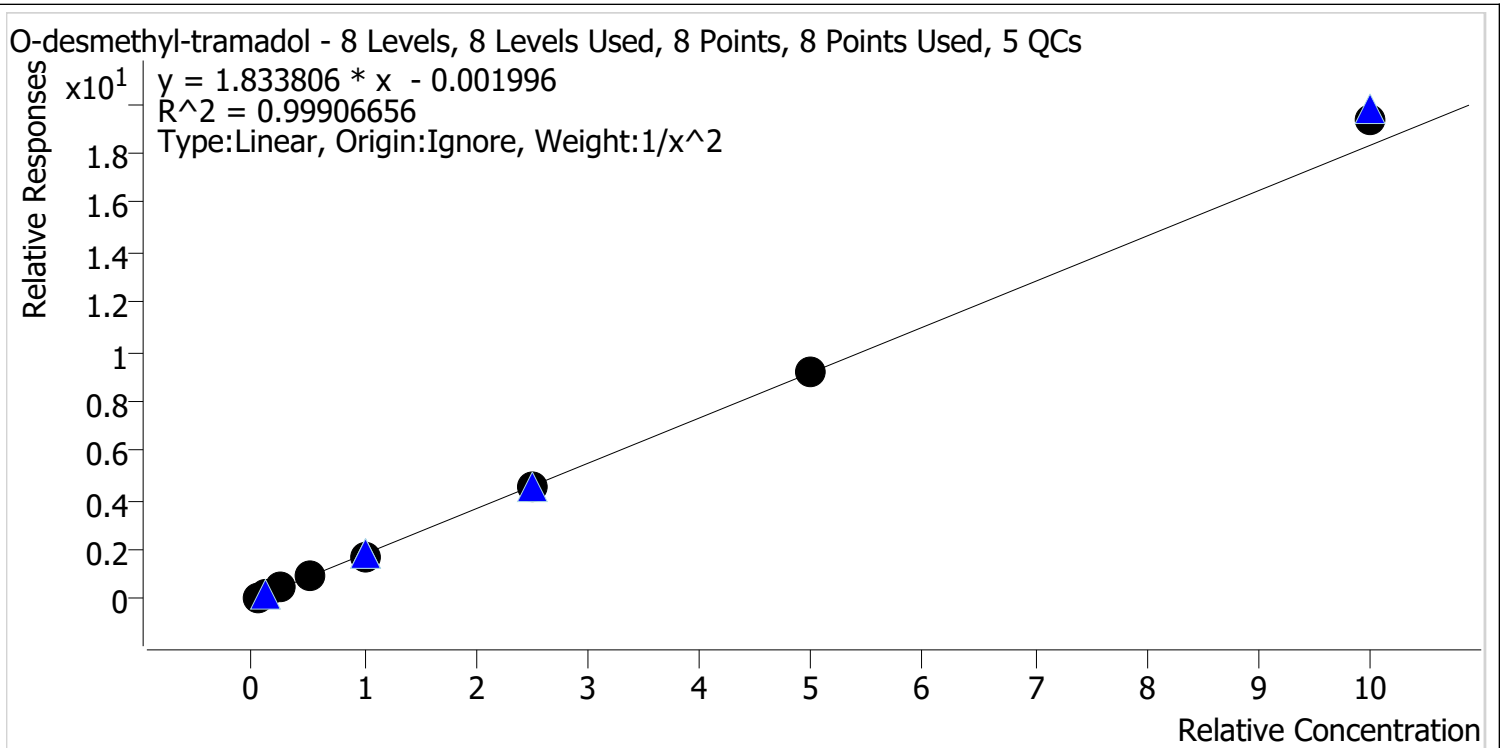


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	25.5	101.8
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	258.9	103.6
cal 7 mdq	7	✓	500.0	482.3	96.5
cal 8 mdq	8	✓	1000.0	943.2	94.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



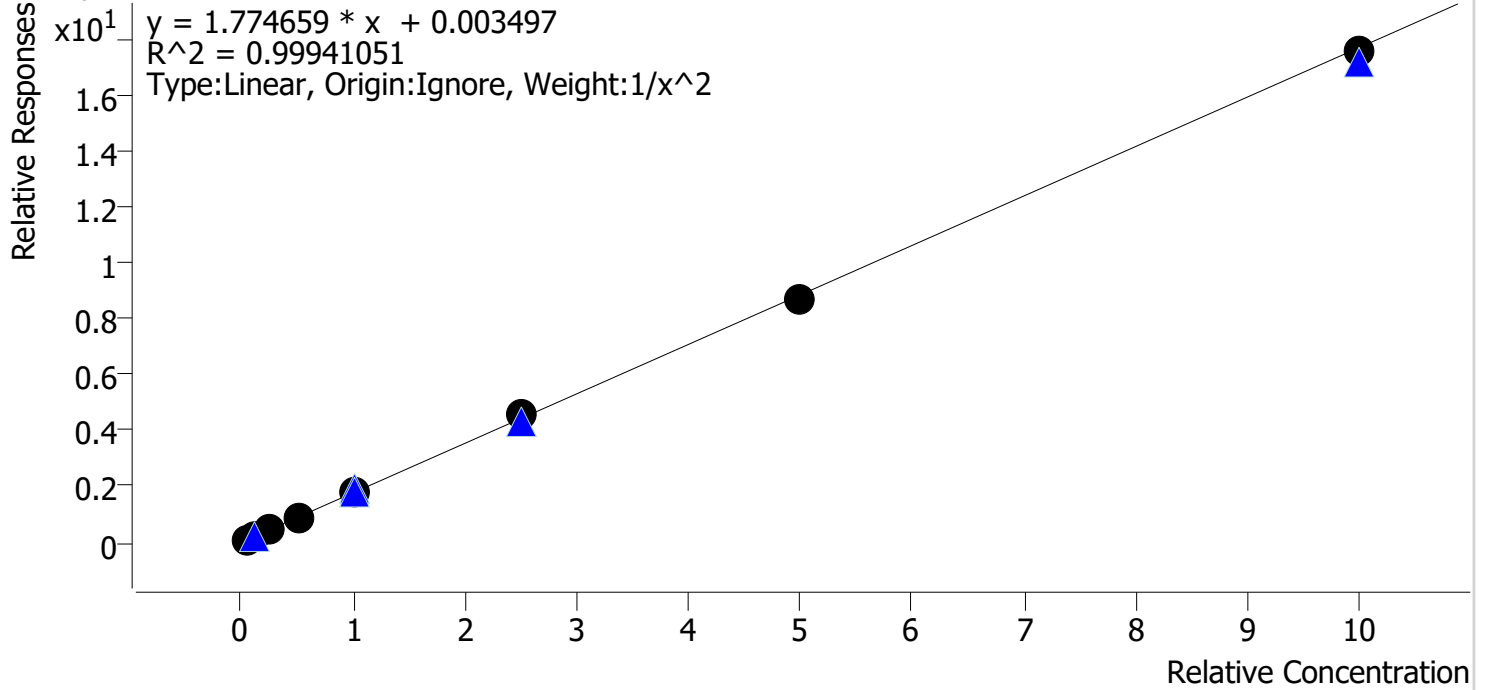
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.5	97.8
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	502.5	100.5
cal 8 mdq	8	✓	1000.0	1057.0	105.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



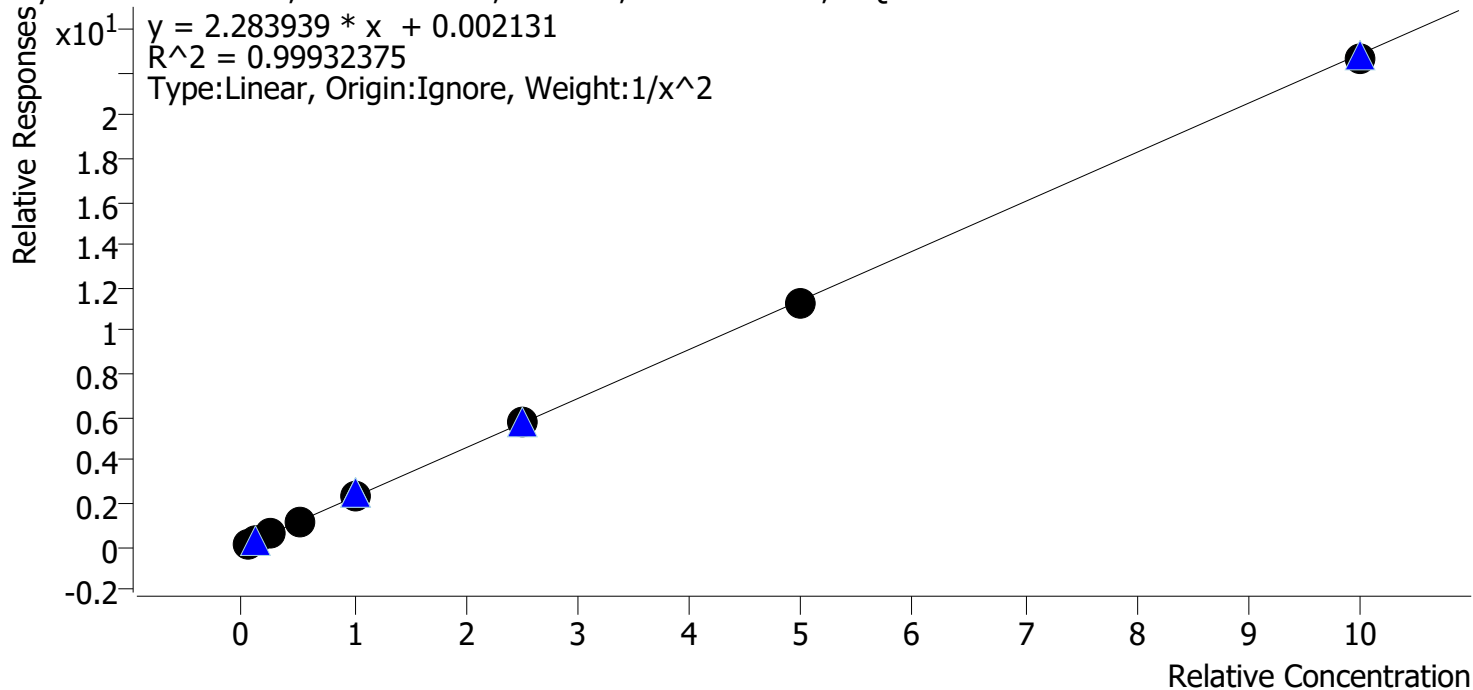
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.5	97.8
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	491.2	98.2
cal 8 mdq	8	✓	1000.0	991.9	99.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



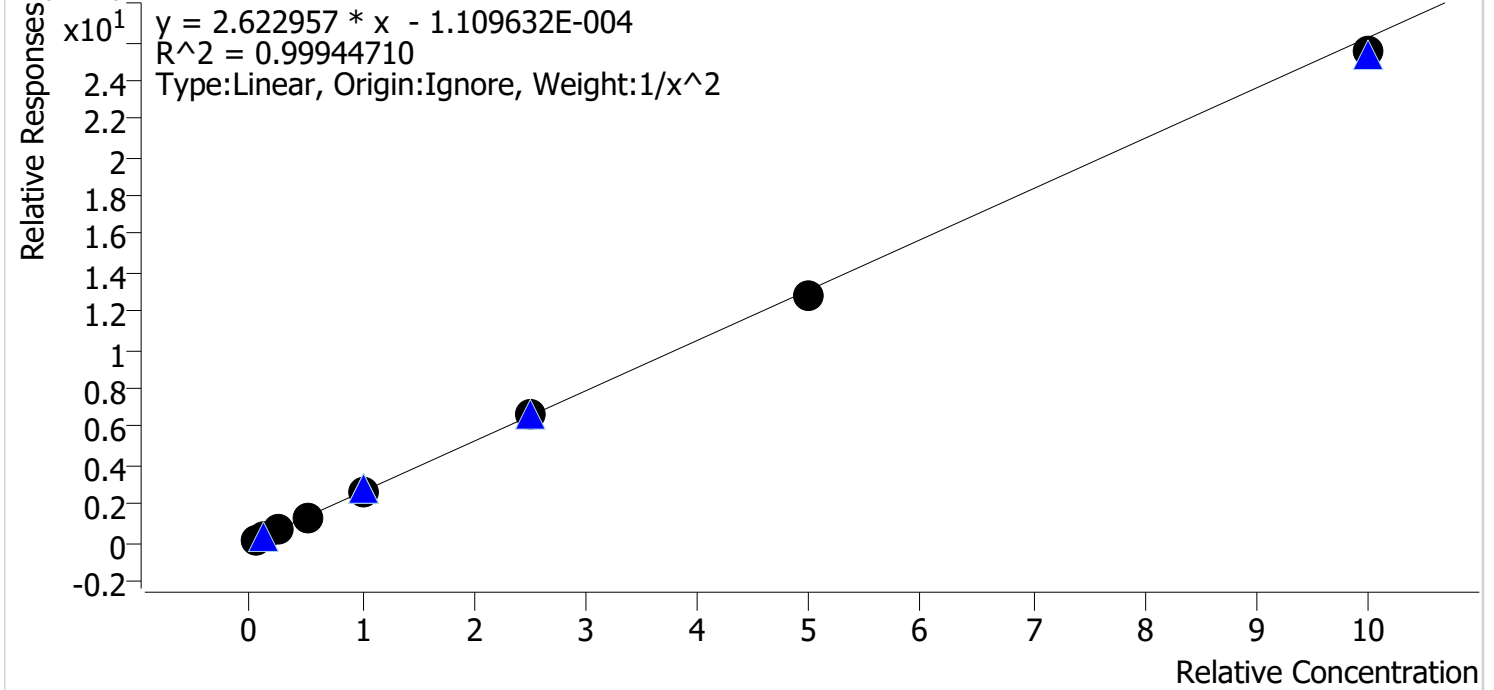
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.5	95.3
cal 3 mdq	3	✓	25.0	25.4	101.8
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	493.2	98.6
cal 8 mdq	8	✓	1000.0	991.1	99.1

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Oxymorphone	Internal Standard	Oxymorphone-D3

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



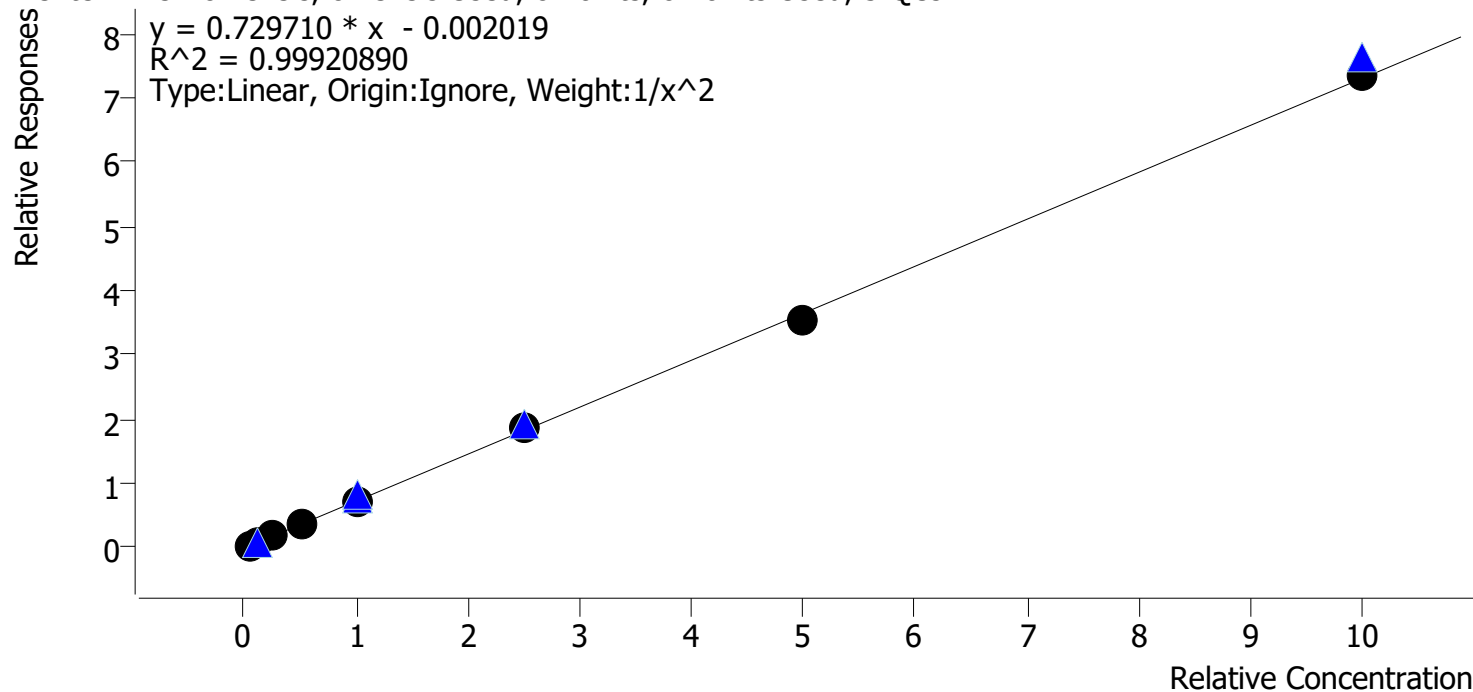
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	51.3	102.5
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	491.0	98.2
cal 8 mdq	8	✓	1000.0	972.1	97.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



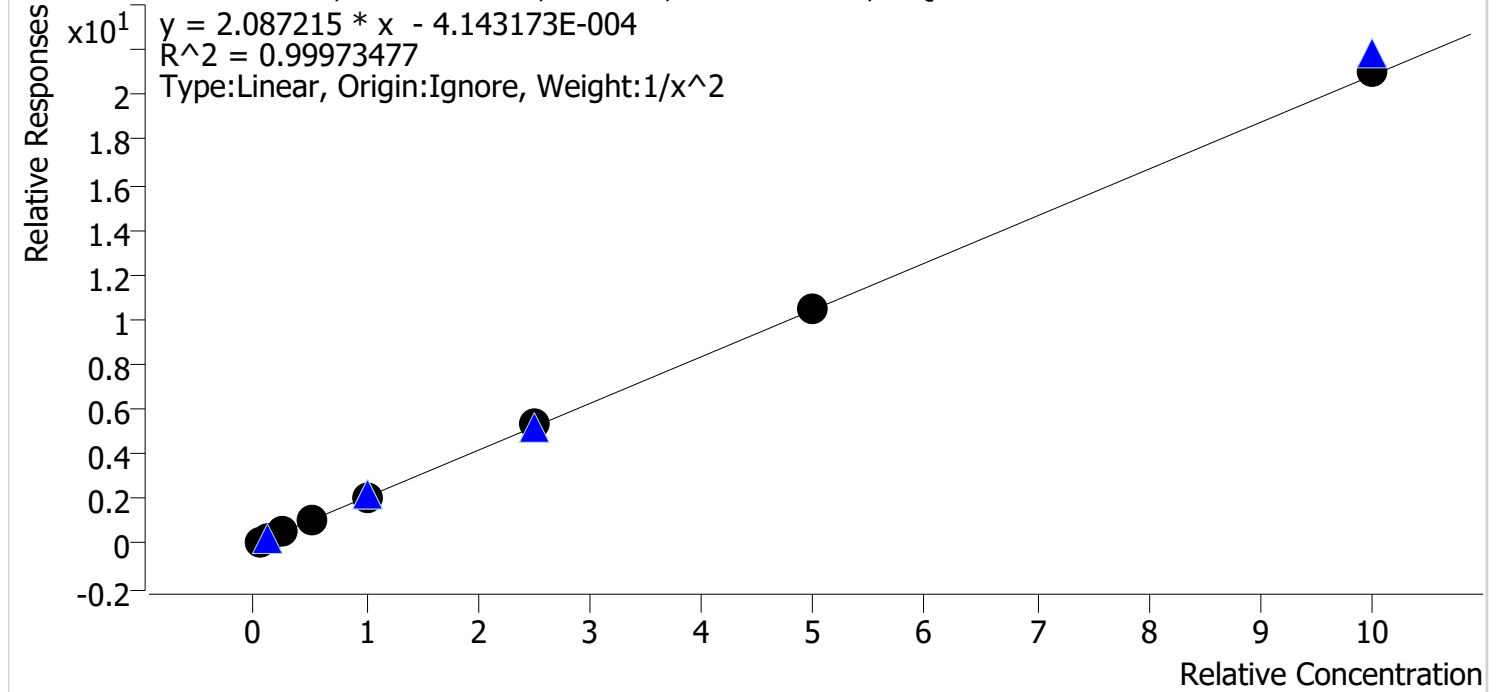
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	25.5	101.8
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	485.4	97.1
cal 8 mdq	8	✓	1000.0	1004.2	100.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



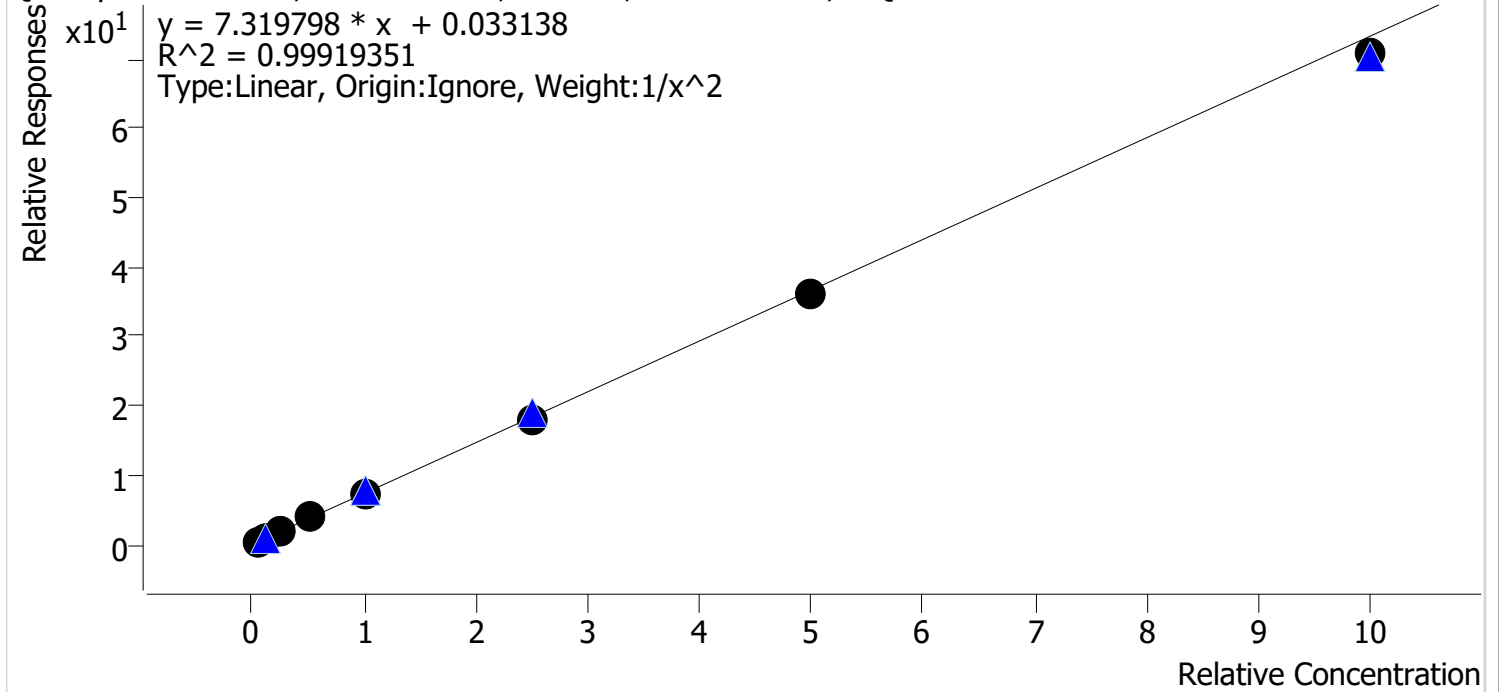
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	254.3	101.7
cal 7 mdq	7	✓	500.0	506.0	101.2
cal 8 mdq	8	✓	1000.0	1009.8	101.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



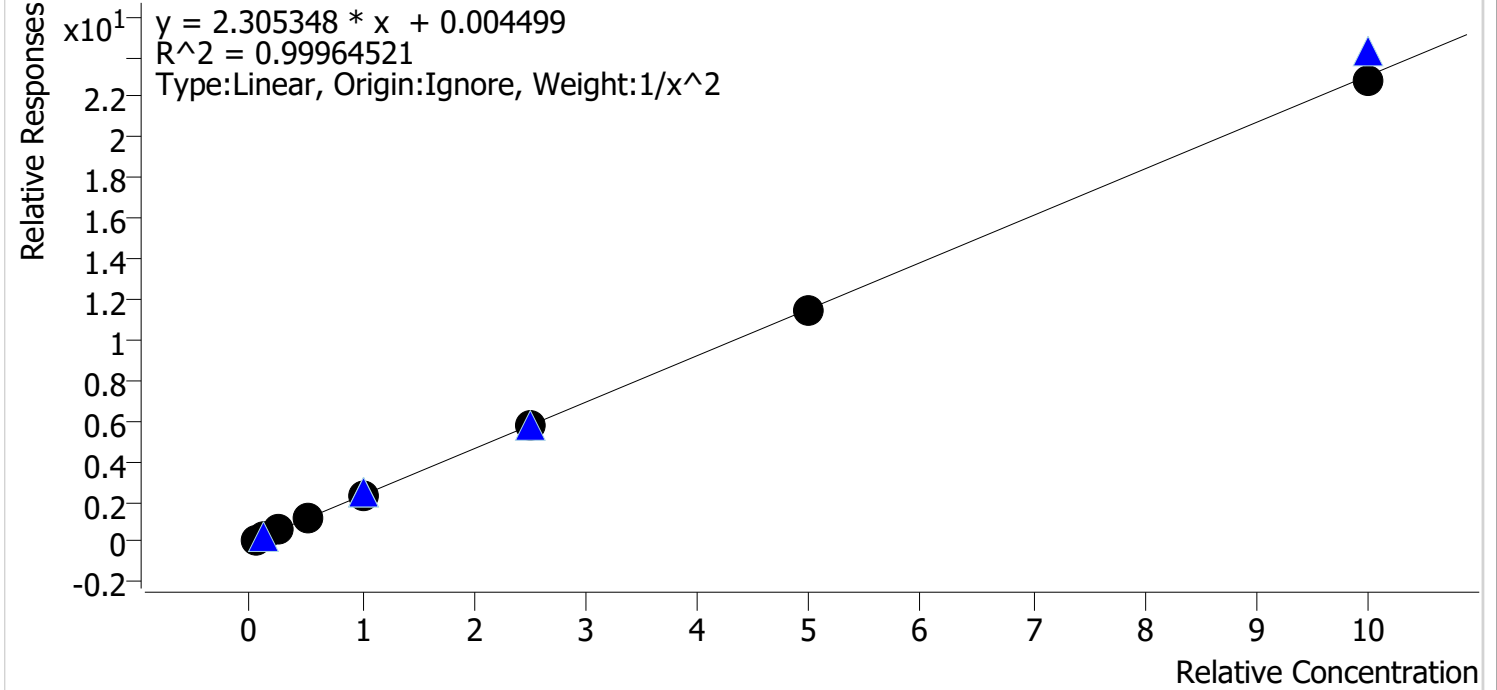
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	25.4	101.8
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	246.7	98.7
cal 7 mdq	7	✓	500.0	492.3	98.5
cal 8 mdq	8	✓	1000.0	965.7	96.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



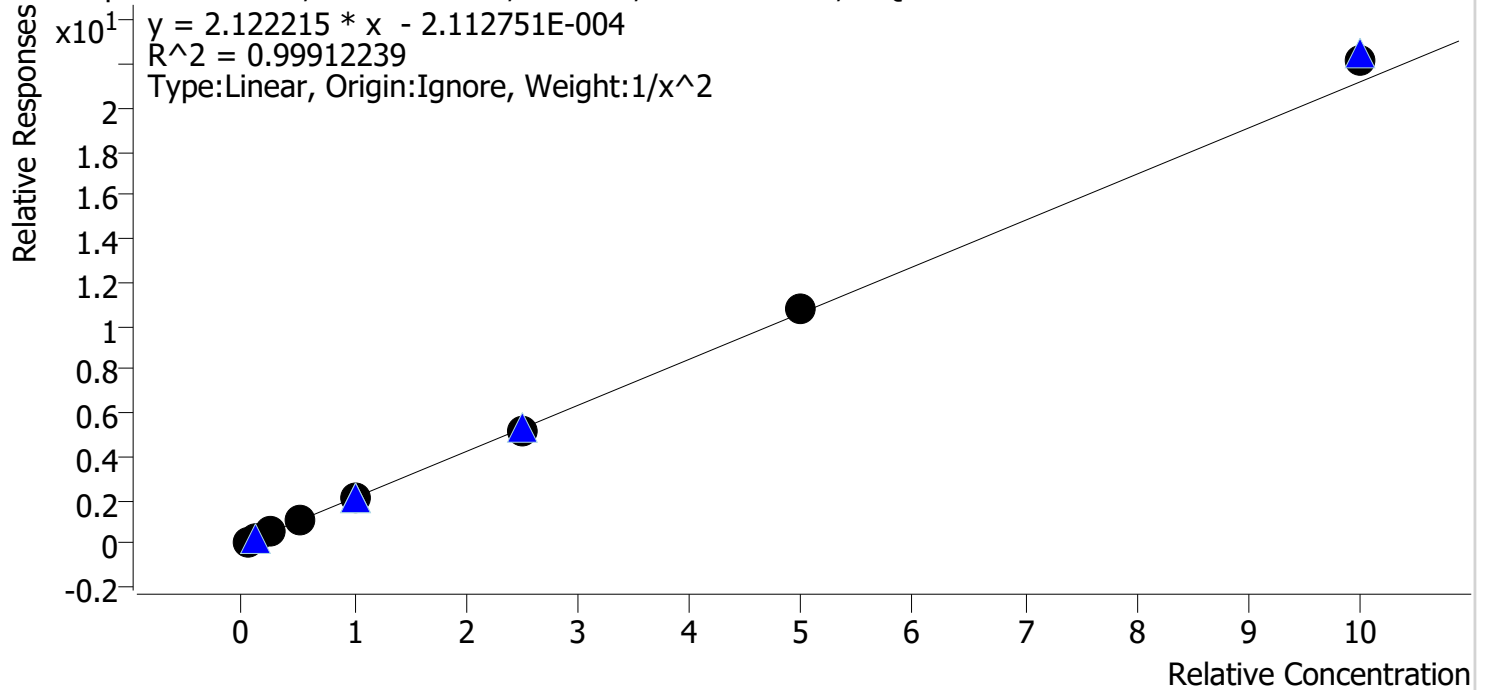
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	496.7	99.3
cal 8 mdq	8	✓	1000.0	993.1	99.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



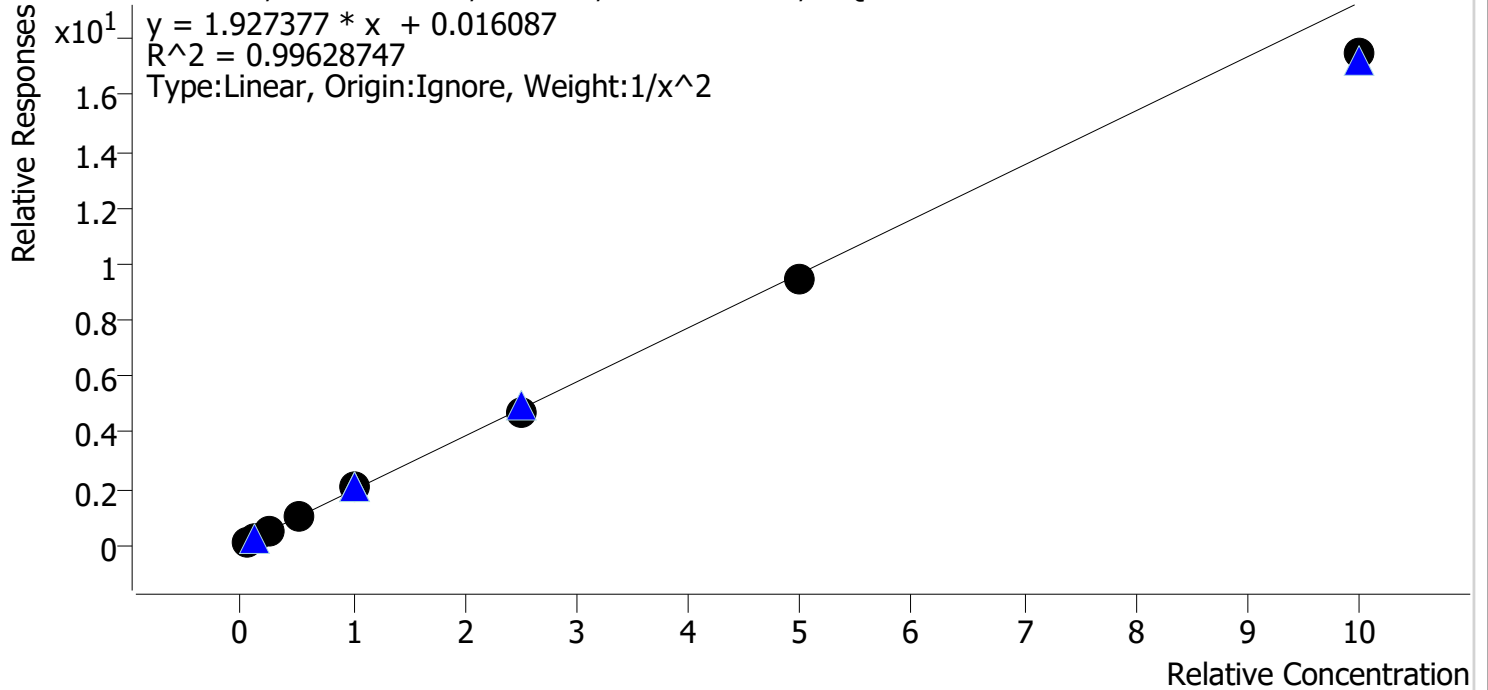
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	49.4	98.7
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	247.7	99.1
cal 7 mdq	7	✓	500.0	509.9	102.0
cal 8 mdq	8	✓	1000.0	1045.7	104.6

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin		
Last Cal. Update	8/28/2020 8:19 AM		
Analyst Name	ISP\datastor		
Analyte	Tramadol	Internal Standard	Tramadol-13C-D3

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



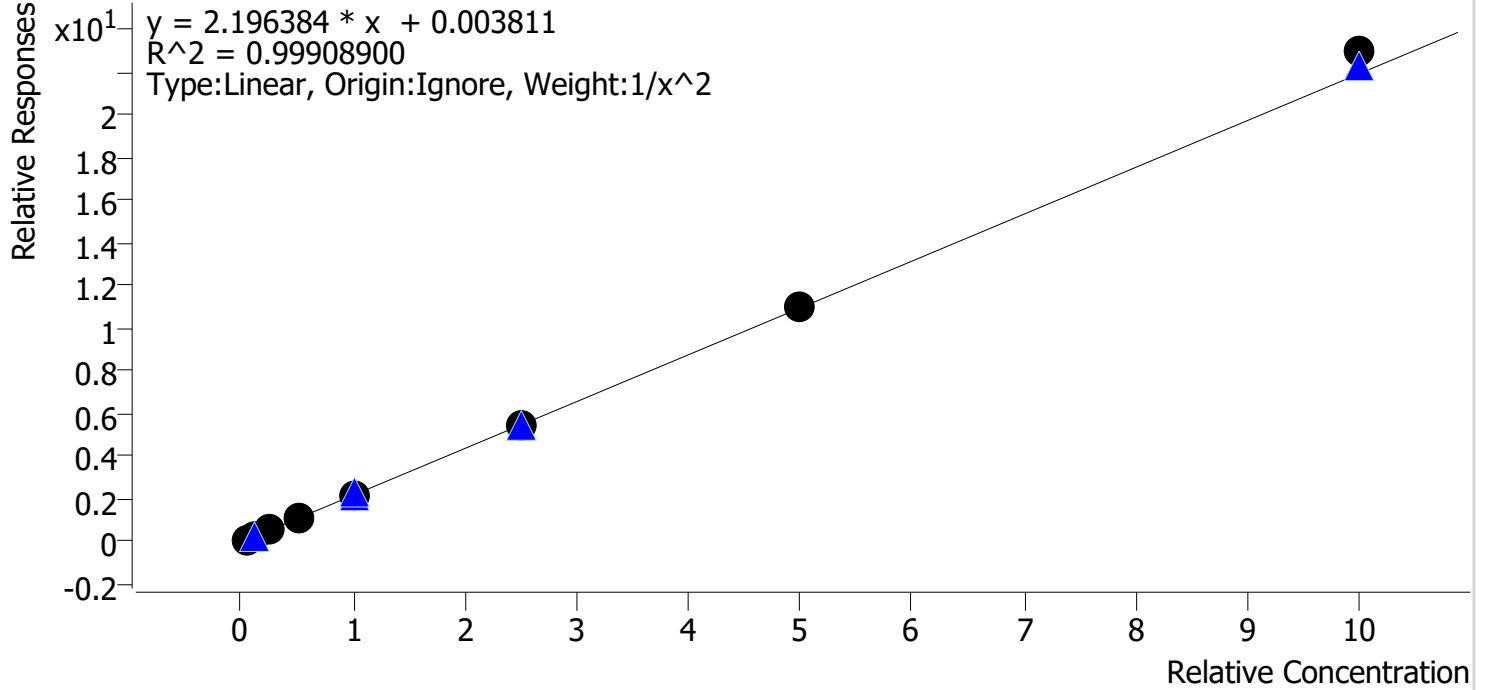
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	26.4	105.5
cal 4 mdq	4	✓	50.0	53.5	107.0
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	244.5	97.8
cal 7 mdq	7	✓	500.0	486.8	97.4
cal 8 mdq	8	✓	1000.0	905.9	90.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



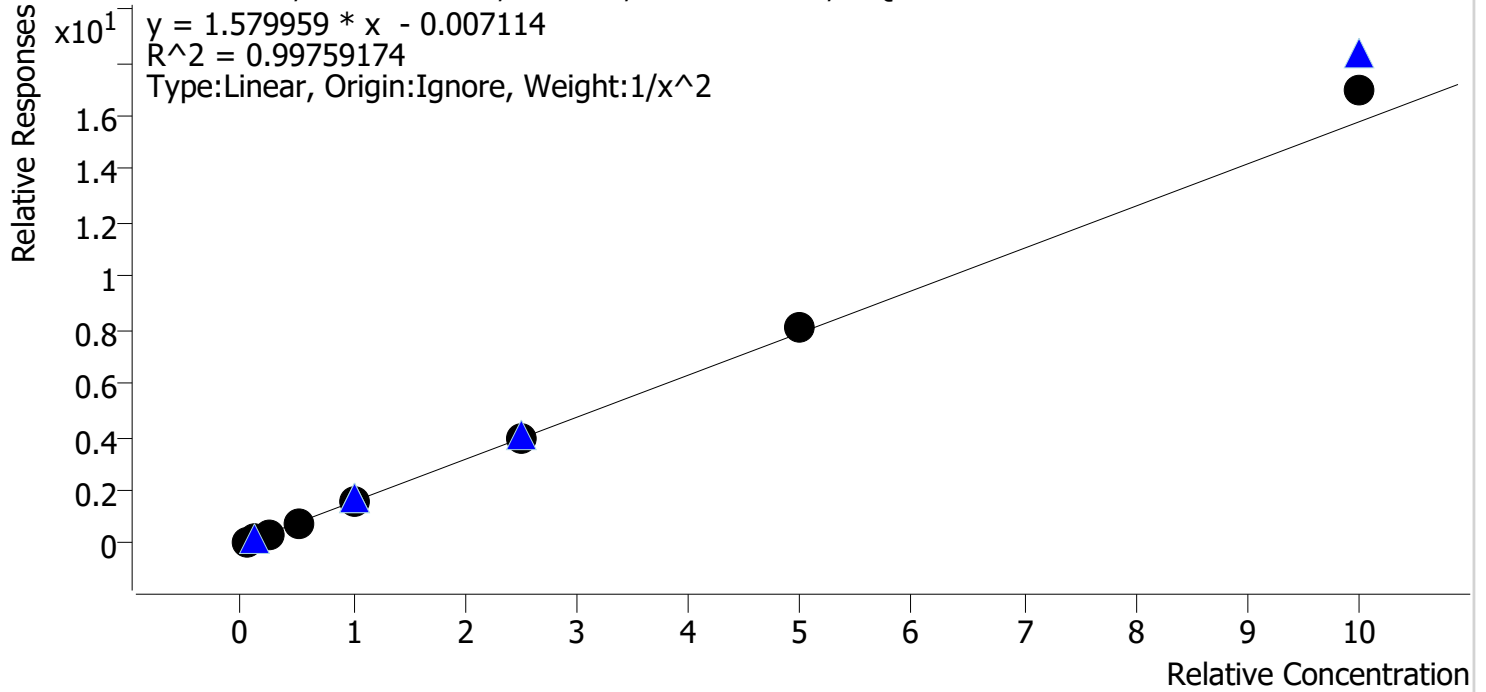
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	1047.3	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



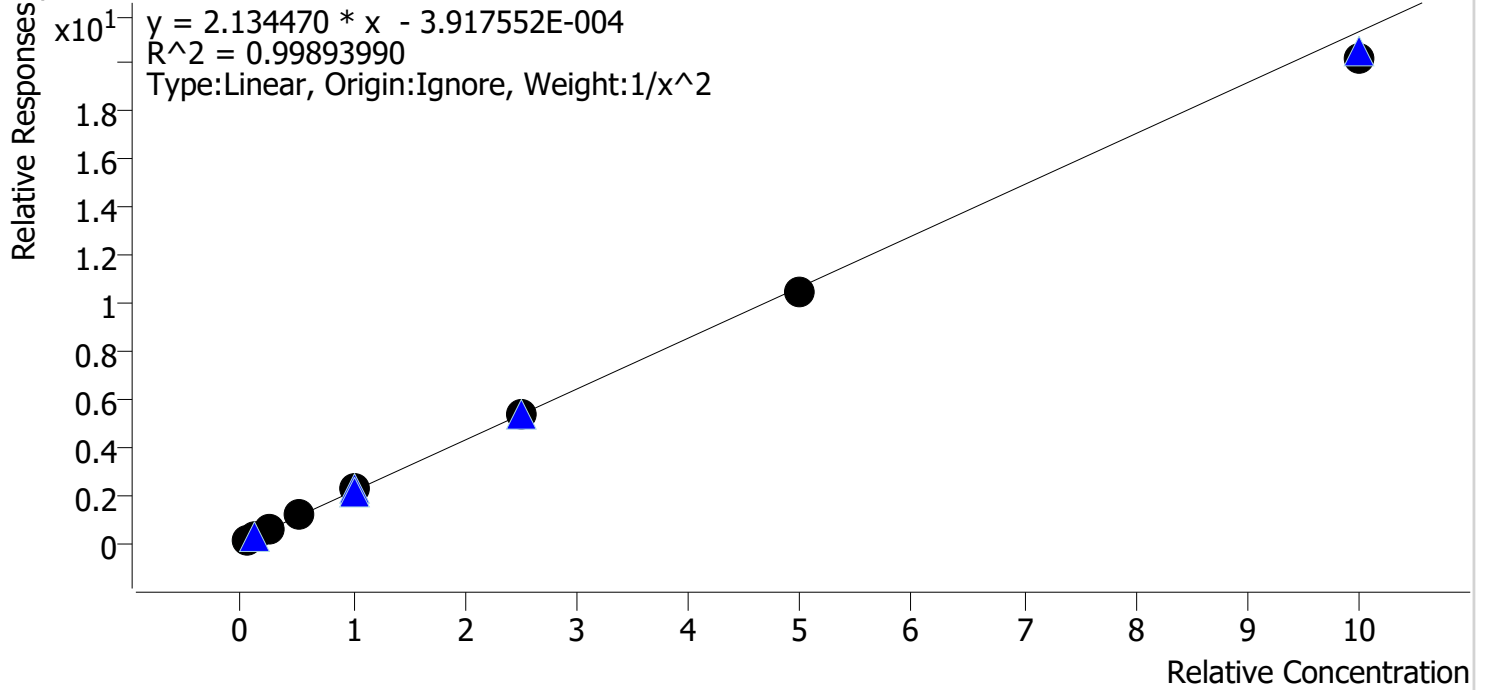
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	23.7	94.9
cal 4 mdq	4	✓	50.0	48.4	96.9
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	514.2	102.8
cal 8 mdq	8	✓	1000.0	1077.3	107.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



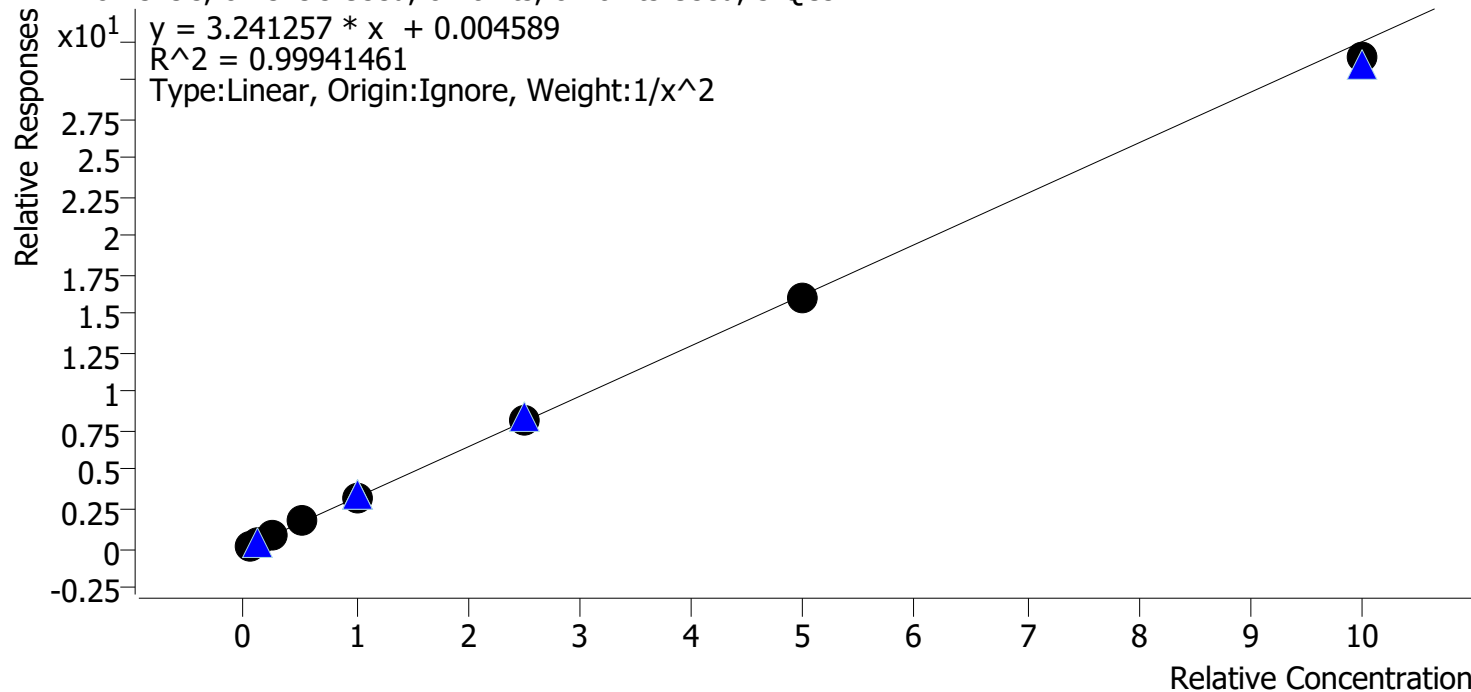
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	25.2	100.6
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	490.4	98.1
cal 8 mdq	8	✓	1000.0	948.8	94.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



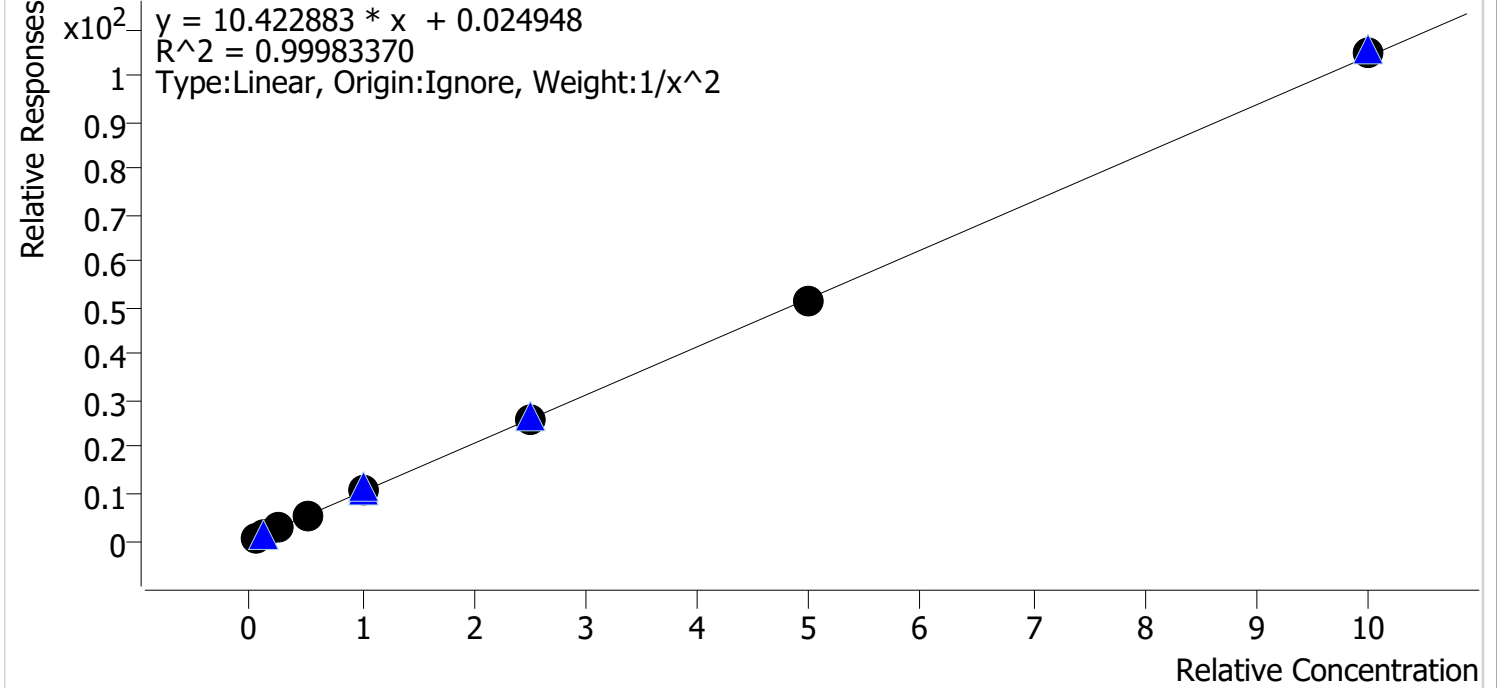
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	24.7	99.0
cal 4 mdq	4	✓	50.0	51.7	103.5
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	255.5	102.2
cal 7 mdq	7	✓	500.0	492.2	98.4
cal 8 mdq	8	✓	1000.0	968.6	96.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



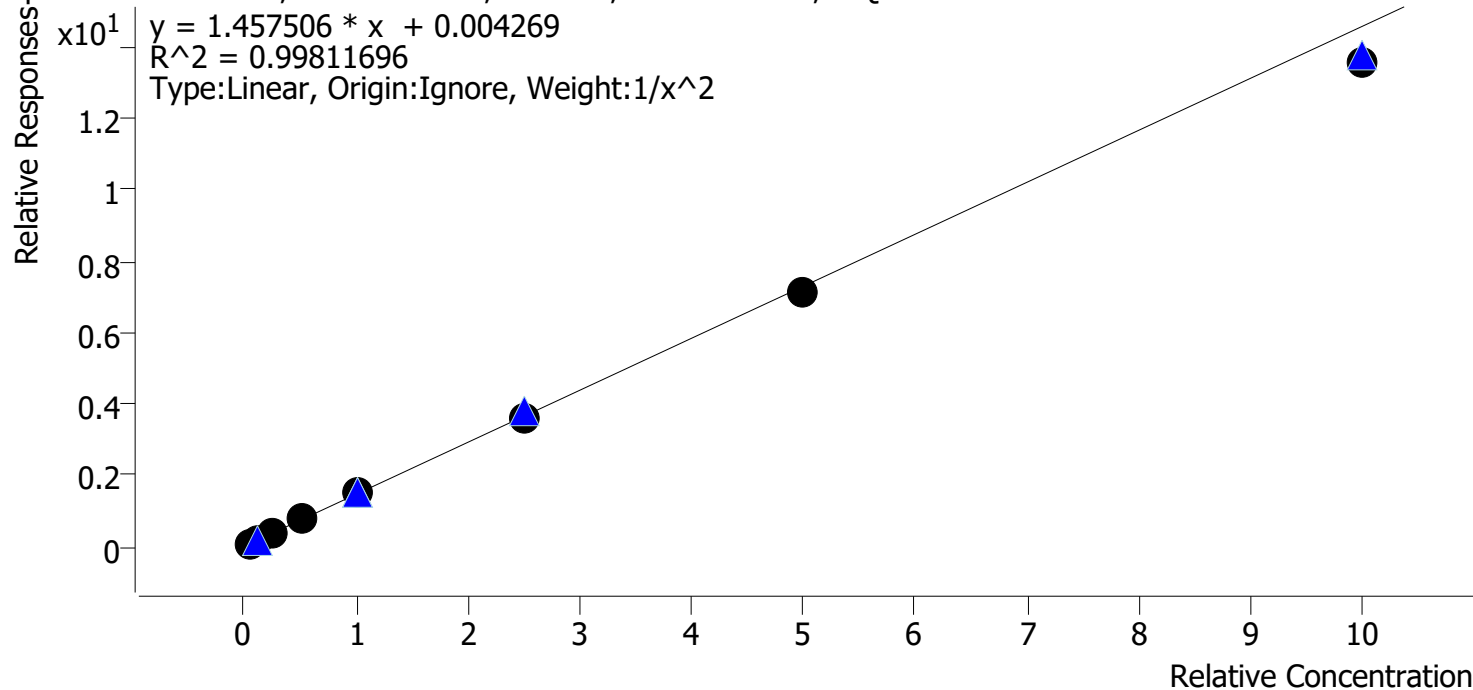
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	50.1	100.1
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	246.7	98.7
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	1005.4	100.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Last Cal. Update 8/28/2020 8:19 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



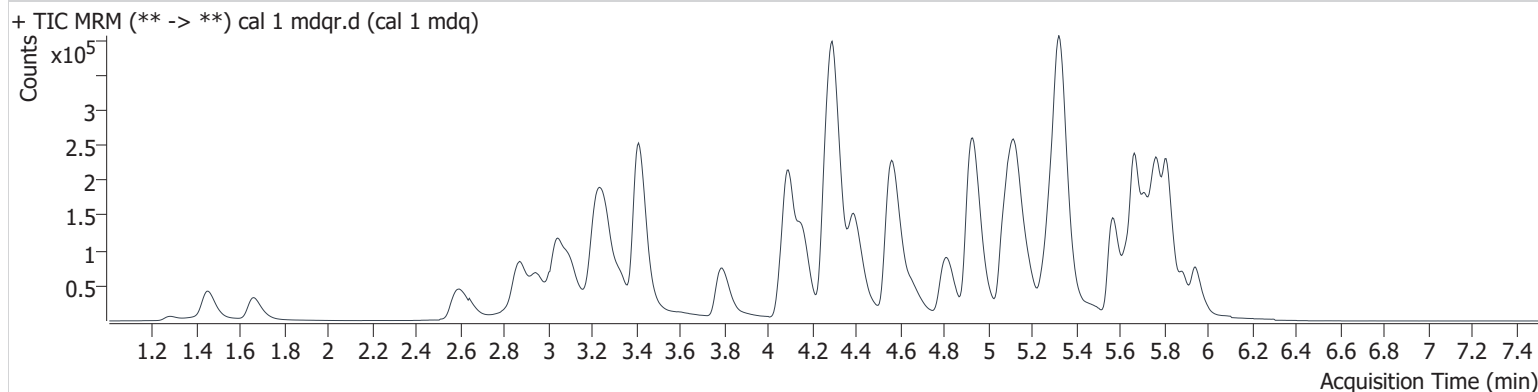
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.0
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	26.0	104.1
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	488.2	97.6
cal 8 mdq	8	✓	1000.0	933.5	93.3

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	cal 1 mdqr.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	8/27/2020 1:53:42 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.197	887	141.5	80.3	330.4	43709	0.488 ng/ml
7-aminoclonazepam	4.303	21865	1240.1	89.8	1246.8	163369	5.021 ng/ml
a-hydroxyalprazolam	5.713	3781	576.3	65.6	2570.1	36258	5.015 ng/ml
alpha-PHP	4.970	33901	1893.8	39.1	377.4	452245	4.850 ng/ml
alpha-PVP	4.402	55127	1629.4	49.6	239.2	452245	4.929 ng/ml
Alprazolam	5.776	22373	21073.4	117.2	294.3	178028	5.079 ng/ml
Amphetamine	3.110	91592	520.0	48.7	153.0	281854	4.965 ng/ml
Benzoylcegonine	3.920	1478	29.3	6.4	2.5 Low	8431	6.277 ng/ml
Buprenorphine	5.805	488	∞	11.8 Low	251.7	35658	0.621 ng/ml
Bupropion	4.827	48609	1556.6	63.7	803.2	324709	4.978 ng/ml
Carisoprodol	5.726	16290	378.9	71.5	162.0	158850	5.040 ng/ml
Citalopram	5.266	29527	228.5	38.7	6433.0	270680	5.114 ng/ml
Clonazepam	5.625	22792	17671.0	32.1	4706.3	69612	4.909 ng/ml
Cocaine	4.302	45688	2682.0	46.1	6143.8	700651	4.976 ng/ml
Codeine	2.644	5095	171.8	118.6	692.6	56234	5.036 ng/ml
Cyclobenzaprine	5.643	27313	20568.1	8.1	140.0	181251	5.010 ng/ml
Dextromethorphan	5.305	22005	5973.7	76.8	58.3	215762	5.286 ng/ml
Dextrophan	4.161	14501	342.9	212.1	2447.1	326755	4.999 ng/ml
Diazepam	5.947	17091	282.8	87.4	312.2	165137	4.980 ng/ml
Dihydrocodeine	2.613	14991	6811.6	58.4	1076.3	157584	5.022 ng/ml
Diphenhydramine	5.331	97711	23062.3	28.0	4020.6	1014339	5.022 ng/ml
Doxylamine	4.579	117313	1518.0	100.3	34217.5	954289	5.021 ng/ml
EDDP	5.294	19191	15784.3	222.3	579.2	420731	5.106 ng/ml
Fentanyl	5.136	2892	39.7	78.7	2294.5	273817	0.566 ng/ml
Fluoxetine	5.719	24578	950.5	7.2	107.0	170395	4.587 ng/ml
Hydrocodone	3.071	23749	385.9	37.6	809.4	258613	4.969 ng/ml
Hydromorphone	1.662	18267	973.5	73.1	49.6	114386	4.983 ng/ml
Ketamine	4.086	41270	990.8	36.9	110.2	354582	4.938 ng/ml
Lamotrigine	4.335	3380	2833.6	82.8	217.5	215762	5.155 ng/ml
Lorazepam	5.749	20071	221.6	48.8	29.9	163369	4.776 ng/ml
MDA	3.251	61241	663.4	26.1	193.9	369044	4.978 ng/ml
MDMA	3.338	41016	37947.2	85.8	866.4	75672	4.961 ng/ml
Meprobamate	4.945	15810	242.4	29.7	75.5	112652	4.817 ng/ml

AM #28 Multi-Drug Quant. Results

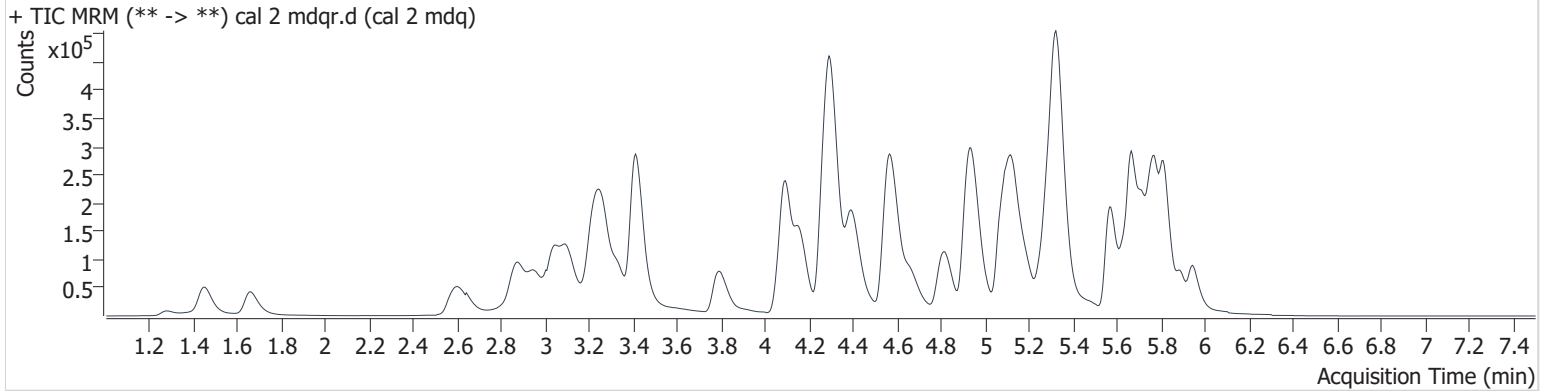
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	56188	1045.9	55.1	1852.2	546142	5.039 ng/ml
Metoprolol	4.359	7312	837.3	101.0	349.6	215762	5.318 ng/ml
Mirtazapine	4.661	61275	292.6	48.2	3168.2	546142	5.187 ng/ml
Mitragynine	5.265	9759	4065.5	28.5	2878.7	215762	4.966 ng/ml
Morphine	1.286	2595	5666.6	20.9	39.9	6969	5.021 ng/ml
Norbuprenorphine	5.043	97	∞	89.1	77.0	6649	0.311 ng/ml
Nordiazepam	5.891	15670	12715.4	62.6	3303.4	114080	5.009 ng/ml
Norfentanyl	4.122	970	74.6	268.9	113.1	616176	0.519 ng/ml
Noroxycodone	2.964	19869	149.2	38.2	62.4	138483	5.036 ng/ml
O-desmethyl-tramadol	3.414	83955	1574.4	6.7	282.4	932742	5.017 ng/ml
Oxazepam	5.761	29554	314.1	76.6	53.7	316468	5.065 ng/ml
Oxycodone	2.891	46082	306.2	27.3	638.9	389371	5.088 ng/ml
Oxymorphone	1.454	23418	677.7	46.7	218.3	181983	4.910 ng/ml
Phentermine	3.821	10869	42.2	9.9	25.1	313658	5.026 ng/ml
Promethazine	5.575	40070	1138.4	37.1	220.8	381038	5.058 ng/ml
Quetiapine	5.572	27683	31165.8	55.8	5272.5	70852	4.885 ng/ml
Sertraline	5.786	10193	271.7	107.0	9968.1	84991	5.007 ng/ml
Temazepam	5.818	50573	1081.7	31.1	42.8	468908	5.092 ng/ml
Tramadol	4.283	107111	4136.0	3.4	33.5	967497	4.909 ng/ml
Trazodone	5.183	49141	308.8	72.9	1284.8	427191	5.064 ng/ml
Venlafaxine	5.076	57785	2740.7	42.5	295.9	779255	5.144 ng/ml
Zolpidem	4.942	97260	2768.7	32.2	465.6	918027	4.982 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	cal 2 mdqr.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	8/27/2020 2:04:33 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	1998	896.3	73.1	742.7	46044	1.040 ng/ml
7-aminoclonazepam	4.302	44108	2285.8	93.1	220.7	175912	9.898 ng/ml
a-hydroxyalprazolam	5.707	7570	939.1	57.8	1076.7	39299	9.848 ng/ml
alpha-PHP	4.970	73688	7357.0	40.9	1326.6	473672	10.381 ng/ml
alpha-PVP	4.402	120923	6454.4	49.2	558.4	473672	10.289 ng/ml
Alprazolam	5.776	45854	205.2	116.2	357.7	180667	9.855 ng/ml
Amphetamine	3.110	176862	605.6	51.9	1165.2	293023	9.745 ng/ml
Benzoylcegonine	3.915	3051	123.8	8.4	54.3	9636	10.238 ng/ml
Buprenorphine	5.794	1036	64.0	17.7	423.9	42916	1.019 ng/ml
Bupropion	4.827	104779	962.5	64.3	721.6	350410	10.101 ng/ml
Carisoprodol	5.731	32134	607.2	71.5	453.9	163896	9.768 ng/ml
Citalopram	5.266	61097	681.0	40.9	4026.5	290079	9.609 ng/ml
Clonazepam	5.625	45105	1193.3	32.6	10807.8	70336	10.188 ng/ml
Cocaine	4.302	99115	12950.5	44.6	1095.2	733037	10.275 ng/ml
Codeine	2.644	10513	1161.2	116.3	226.1	57582	9.913 ng/ml
Cyclobenzaprine	5.643	60850	∞	8.0	53.5	204601	10.003 ng/ml
Dextromethorphan	5.300	42082	37680.8	87.9	573.2	242936	8.916 ng/ml
Dextrorphan	4.161	30012	16278.8	203.8	2000.4	349941	9.987 ng/ml
Diazepam	5.947	35944	930.8	86.7	509.5	170046	10.143 ng/ml
Dihydrocodeine	2.613	29658	556.3	59.9	733.9	164289	9.804 ng/ml
Diphenhydramine	5.331	210602	2258.5	27.7	747.4	1100653	10.001 ng/ml
Doxylamine	4.574	250466	3402.1	99.3	10246.3	1014867	9.984 ng/ml
EDDP	5.299	44354	2341.1	239.4	1654.3	524259	9.629 ng/ml
Fentanyl	5.131	5817	66.1	80.8	3909.4	311190	0.960 ng/ml
Fluoxetine	5.719	53478	1671.9	6.8	3961.2	192518	9.726 ng/ml
Hydrocodone	3.076	48703	744.0	36.5	167.8	276108	9.918 ng/ml
Hydromorphone	1.662	38390	2727.4	69.3	1423.4	117285	10.075 ng/ml
Ketamine	4.086	86098	2077.0	37.6	189.4	369038	10.160 ng/ml
Lamotrigine	4.329	6925	742.6	89.9	5058.3	242936	9.621 ng/ml
Lorazepam	5.754	40329	772.2	45.9	96.2	175912	10.293 ng/ml
MDA	3.246	127346	1458.3	25.8	112.0	385254	10.057 ng/ml
MDMA	3.338	85006	52823.0	83.1	2902.2	78731	10.120 ng/ml
Meprobamate	4.945	30797	519.9	30.5	264.3	116731	10.159 ng/ml

AM #28 Multi-Drug Quant. Results

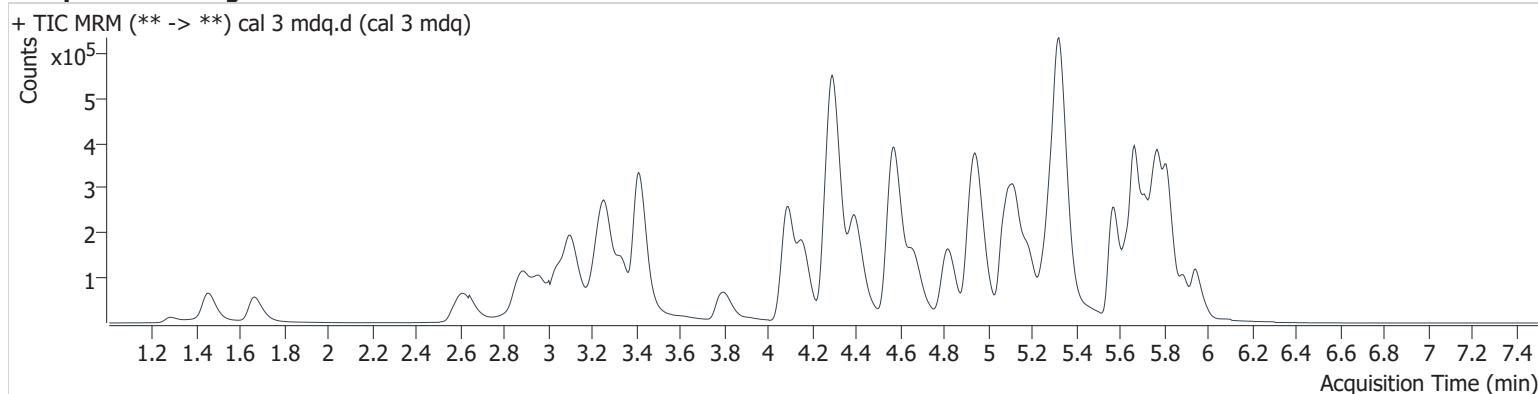
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	120591	4990.2	55.7	467.5	596716	9.980 ng/ml
Metoprolol	4.359	14996	301.4	99.7	623.8	242936	9.271 ng/ml
Mirtazapine	4.666	131155	6221.4	47.9	2743.6	596716	9.691 ng/ml
Mitragynine	5.265	21349	483.1	31.6	7641.6	242936	10.102 ng/ml
Morphine	1.281	5435	325.9	21.2	156.6	7660	9.695 ng/ml
Norbuprenorphine	5.032	189	432.8			7406	0.830 ng/ml
Nordiazepam	5.896	31977	5024.7	62.8	8572.9	116586	9.988 ng/ml
Norfentanyl	4.122	1796	28.4	303.7	98.3	645976	0.942 ng/ml
Noroxycodone	2.969	39901	23.6	41.9	2684.8	146186	9.666 ng/ml
O-desmethyl-tramadol	3.414	176120	9052.7	6.1	579.5	964120	10.070 ng/ml
Oxazepam	5.761	57501	1143.7	76.9	155.0	325286	9.764 ng/ml
Oxycodone	2.891	89439	568.7	30.5	1122.9	406922	9.530 ng/ml
Oxymorphone	1.449	51546	1869.9	44.4	2930.8	191407	10.271 ng/ml
Phentermine	3.821	22316	126.4	8.8	48.8	322082	9.772 ng/ml
Promethazine	5.565	89885	1533.3	38.0	298.9	437640	9.860 ng/ml
Quetiapine	5.572	58715	26503.4	54.8	1628.6	74291	10.345 ng/ml
Sertraline	5.786	23410	388.6	104.1	4734.4	100413	9.918 ng/ml
Temazepam	5.818	100480	2233.5	29.7	115.9	484078	9.791 ng/ml
Tramadol	4.283	212403	27124.8	3.3	48.7	1018158	9.989 ng/ml
Trazodone	5.188	103244	650.8	71.9	2114.3	465558	9.923 ng/ml
Venlafaxine	5.076	120458	13709.7	44.0	63.4	824022	9.703 ng/ml
Zolpidem	4.947	205905	1430.5	32.1	2025.3	969616	9.967 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 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	8/27/2020 2:15:21 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	4607	2351.9	76.9	365.3	43093	2.557 ng/ml
7-aminoclonazepam	4.303	99067	2534.6	98.9	3637.3	162193	24.919 ng/ml
a-hydroxyalprazolam	5.707	17814	1556.4	54.3	143.1	38212	24.813 ng/ml
alpha-PHP	4.970	169057	7249.7	41.0	1220.5	440727	26.025 ng/ml
alpha-PVP	4.402	275605	1835.4	48.9	2005.6	440727	25.156 ng/ml
Alprazolam	5.776	107462	1473.1	114.4	2892.5	166409	24.465 ng/ml
Amphetamine	3.110	418268	2190.9	46.7	1629.8	266480	26.319 ng/ml
Benzoylcegonine	3.920	5991	449.5	7.8	114.8	7284	24.414 ng/ml
Buprenorphine	5.805	2329	38.0	13.6	266.5	39579	2.338 ng/ml
Bupropion	4.821	244994	2284.7	66.7	898.2	340535	24.524 ng/ml
Carisoprodol	5.726	74910	1085.8	71.9	480.4	148823	25.307 ng/ml
Citalopram	5.261	152730	2221.0	42.2	293.0	281962	24.265 ng/ml
Clonazepam	5.625	104942	56755.5	31.5	27907.2	67036	25.733 ng/ml
Cocaine	4.302	209760	111936.4	47.9	9592.7	675449	23.550 ng/ml
Codeine	2.639	24730	44.0	117.4	2774.4	53515	24.735 ng/ml
Cyclobenzaprine	5.637	142652	231837.5	8.8	509.2	194274	24.871 ng/ml
Dextromethorphan	5.305	112152	7390.1	82.0	485.6	232722	24.642 ng/ml
Dextrorphan	4.161	69838	7718.3	213.8	12611.8	327547	25.350 ng/ml
Diazepam	5.947	81783	1569.2	87.6	1784.3	159516	24.565 ng/ml
Dihydrocodeine	2.613	70990	9939.9	59.2	2298.2	156242	25.140 ng/ml
Diphenhydramine	5.331	506149	3600.2	29.0	1538.5	1082981	24.463 ng/ml
Doxylamine	4.574	576852	26636.2	98.1	12977.3	935838	24.793 ng/ml
EDDP	5.294	96839	4055.6	232.2	3591.0	456092	24.446 ng/ml
Fentanyl	5.136	14581	251.1	71.2	4675.4	296448	2.439 ng/ml
Fluoxetine	5.719	128455	159730.3	7.0	6116.3	182397	26.139 ng/ml
Hydrocodone	3.071	115387	874.3	35.6	532.3	256615	25.909 ng/ml
Hydromorphone	1.667	89220	1221.1	72.5	1635.5	108897	25.018 ng/ml
Ketamine	4.086	198294	5077.6	37.4	1029.8	347323	25.240 ng/ml
Lamotrigine	4.329	15895	379.2	92.5	8543.7	232722	23.464 ng/ml
Lorazepam	5.754	90457	2835.6	48.8	154.1	162193	27.326 ng/ml
MDA	3.251	298523	2545.3	22.9	406.4	370073	24.746 ng/ml
MDMA	3.338	197269	615674.2	86.6	9472.5	74418	25.194 ng/ml
Meprobamate	4.945	71491	4229.2	29.6	1409.6	109183	27.070 ng/ml

AM #28 Multi-Drug Quant. Results

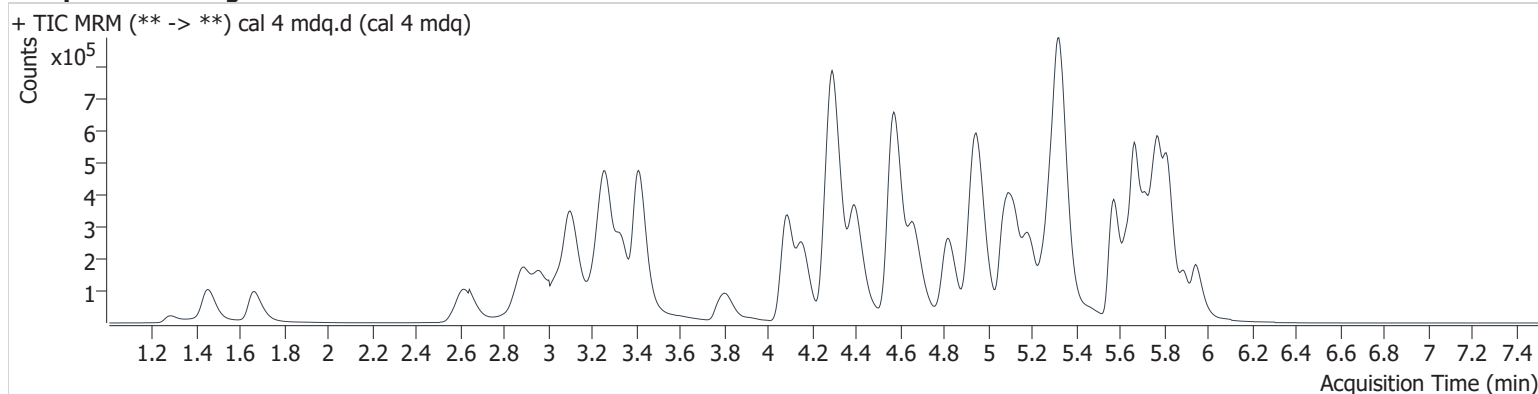
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	291492	8746.0	56.4	4979.8	593751	24.365 ng/ml
Metoprolol	4.359	35952	15337.4	95.4	2233.6	232722	22.444 ng/ml
Mirtazapine	4.661	320605	223716.6	45.6	3600.1	593751	23.094 ng/ml
Mitragynine	5.265	49097	2299.9	31.0	14109.1	232722	24.927 ng/ml
Morphine	1.286	12230	5124.7	19.6	181.5	6478	26.030 ng/ml
Norbuprenorphine	5.027	463	∞	86.1	∞	6909	2.795 ng/ml
Nordiazepam	5.891	73670	55077.9	63.0	47781.3	109986	24.370 ng/ml
Norfentanyl	4.117	4189	763.6	296.2	42.7	599445	2.420 ng/ml
Noroxycodone	2.969	97529	678.5	40.9	1753.1	136497	25.459 ng/ml
O-desmethyl-tramadol	3.414	393708	17075.9	6.5	1569.5	881967	24.452 ng/ml
Oxazepam	5.761	132310	1367.8	75.0	379.4	302399	24.457 ng/ml
Oxycodone	2.891	221888	1498.1	26.7	673.9	380395	25.446 ng/ml
Oxymorphone	1.454	117170	3612.7	44.5	13933.5	176815	25.268 ng/ml
Phentermine	3.821	46255	284.1	8.5	157.8	251749	25.456 ng/ml
Promethazine	5.565	212277	5410.6	36.7	1859.3	415293	24.509 ng/ml
Quetiapine	5.572	131486	86738.0	55.2	64148.3	69377	25.439 ng/ml
Sertraline	5.781	56573	2007.4	104.1	95780.1	97029	25.096 ng/ml
Temazepam	5.818	230025	1832.8	30.9	359.2	448179	24.194 ng/ml
Tramadol	4.278	494197	26746.5	3.3	90.1	942413	26.373 ng/ml
Trazodone	5.188	236135	5897.2	73.5	974.1	446896	23.884 ng/ml
Venlafaxine	5.076	281089	15424.9	43.4	925.7	764470	23.722 ng/ml
Zolpidem	4.942	471101	2732.6	32.6	3416.6	878110	25.153 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 AM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	8/27/2020 2:26:10 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.177	9237	6835.0	82.6	115.0	44380	4.975 ng/ml
7-aminoclonazepam	4.297	203252	8539.4	95.3	5180.1	164138	51.099 ng/ml
a-hydroxyalprazolam	5.707	35421	961.8	58.4	1727.1	36246	52.772 ng/ml
alpha-PHP	4.970	350971	16075.0	41.4	4157.5	467726	51.191 ng/ml
alpha-PVP	4.402	580219	8367.1	49.1	4806.7	467726	49.872 ng/ml
Alprazolam	5.776	217575	3428.8	113.8	211.7	168997	48.383 ng/ml
Amphetamine	3.105	865581	6362.4	47.7	3162.1	274137	53.562 ng/ml
Benzoylcegonine	3.920	13782	655.6	9.2	59.8	8175	48.616 ng/ml
Buprenorphine	5.805	5013	160.2	18.0	971.0	37363	5.200 ng/ml
Bupropion	4.821	519309	37139.3	64.5	8246.5	342938	51.792 ng/ml
Carisoprodol	5.731	153069	2404.4	71.1	483.4	152084	50.748 ng/ml
Citalopram	5.261	316106	2412.1	40.1	93946.2	275099	51.154 ng/ml
Clonazepam	5.625	213764	28847.4	30.8	42220.0	69657	51.020 ng/ml
Cocaine	4.296	472409	102801.7	45.3	8474.9	697902	51.285 ng/ml
Codeine	2.639	54395	381.4	101.5	3101.2	58370	49.646 ng/ml
Cyclobenzaprine	5.643	283507	104391.5	8.5	970.3	193730	49.685 ng/ml
Dextromethorphan	5.305	218466	51433.9	83.2	2936.3	226279	49.277 ng/ml
Dextrorphan	4.161	142400	7340.2	206.8	812.3	347587	49.031 ng/ml
Diazepam	5.947	177017	1405.1	87.9	2470.1	168044	50.444 ng/ml
Dihydrocodeine	2.613	148278	5021.8	59.6	406.6	160245	51.517 ng/ml
Diphenhydramine	5.331	1021884	81301.5	29.9	20445.8	1070622	49.986 ng/ml
Doxylamine	4.574	1226826	8020.2	98.4	67948.3	997219	49.388 ng/ml
EDDP	5.294	205555	285988.8	229.7	23469.9	467221	50.853 ng/ml
Fentanyl	5.131	29326	273.4	77.2	30322.3	298732	4.816 ng/ml
Fluoxetine	5.719	248514	413776.0	7.5	950.2	182677	51.391 ng/ml
Hydrocodone	3.066	236869	1344.1	35.7	459.0	267509	51.414 ng/ml
Hydromorphone	1.662	192296	4837.7	70.1	8640.9	117334	49.912 ng/ml
Ketamine	4.081	414536	5264.5	39.3	623.7	361568	50.947 ng/ml
Lamotrigine	4.335	32384	501.1	94.8	17730.7	226279	49.487 ng/ml
Lorazepam	5.754	180901	3024.5	49.4	317.9	164138	55.558 ng/ml
MDA	3.246	619710	1172.2	23.9	3144.5	368509	51.742 ng/ml
MDMA	3.338	407971	1577.0	86.3	559.9	77814	50.062 ng/ml
Meprobamate	4.945	143462	14151.2	30.1	1427.6	110883	54.714 ng/ml



AM #28 Multi-Drug Quant. Results

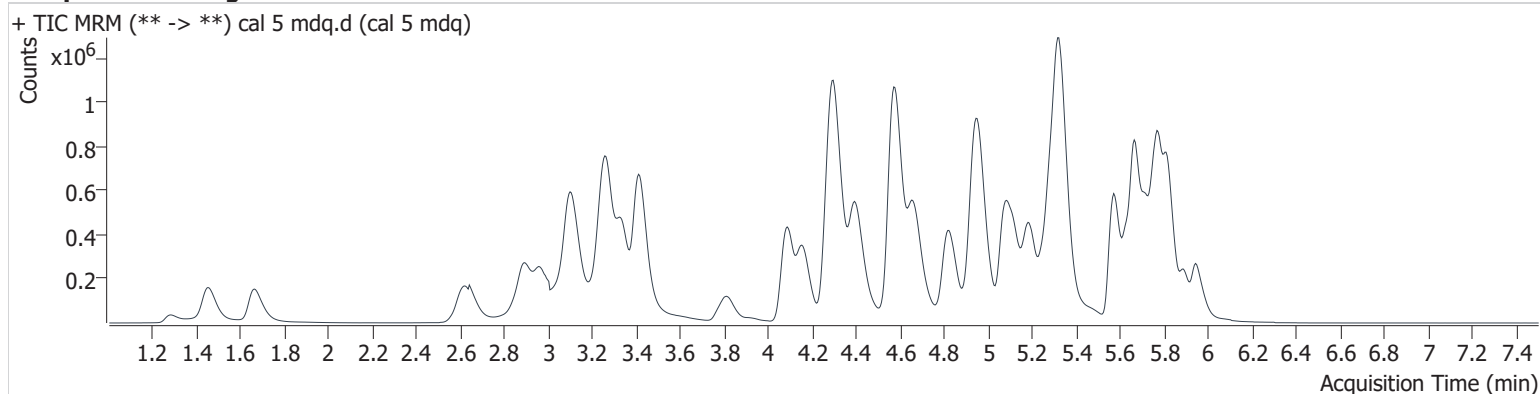
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	582260	61183.5	55.3	4231.2	586447	49.363 ng/ml
Metoprolol	4.354	74303	23189.8	94.8	3127.9	226279	47.140 ng/ml
Mirtazapine	4.661	661367	44583.3	45.9	6624.3	586447	47.699 ng/ml
Mitragynine	5.265	95274	84881.1	31.5	33312.7	226279	50.228 ng/ml
Morphine	1.281	24044	1872.3	26.4	2316.7	6498	51.158 ng/ml
Norbuprenorphine	5.038	805	2064.0	88.7	1386.6	7139	4.969 ng/ml
Nordiazepam	5.896	156463	218664.6	62.7	34773.6	109788	51.836 ng/ml
Norfentanyl	4.117	8915	631.0	304.6	510.0	628614	4.945 ng/ml
Noroxycodone	2.964	206135	561.1	38.4	3236.0	139894	52.604 ng/ml
O-desmethyl-tramadol	3.414	853390	22459.1	6.2	1420.5	944530	49.378 ng/ml
Oxazepam	5.761	272106	3560.4	76.0	4488.2	297789	51.292 ng/ml
Oxycodone	2.886	462387	2808.2	29.5	572.7	396808	50.927 ng/ml
Oxymorphone	1.449	248671	2839.5	44.1	2883.6	184955	51.263 ng/ml
Phentermine	3.816	108033	554.1	8.4	371.6	286110	52.022 ng/ml
Promethazine	5.565	421611	297080.3	37.4	3328.6	407129	49.635 ng/ml
Quetiapine	5.577	271998	7912.1	55.7	98430.9	72069	51.108 ng/ml
Sertraline	5.781	109521	1512.4	103.5	68757.0	91836	51.536 ng/ml
Temazepam	5.823	493736	3069.0	31.0	826.4	471491	49.354 ng/ml
Tramadol	4.278	1030391	22009.2	3.2	344.7	983486	53.524 ng/ml
Trazodone	5.188	502153	5284.0	73.7	3166.5	453003	50.296 ng/ml
Venlafaxine	5.076	594135	9328.5	42.1	212.4	783475	48.447 ng/ml
Zolpidem	4.942	1023126	4744.3	32.0	2142.9	939145	51.058 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 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	8/27/2020 2:36:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.177	17893	16510.6	77.9	6109.4	42708	10.010 ng/ml
7-aminoclonazepam	4.302	363198	14850.3	95.8	6618.2	151977	99.140 ng/ml
a-hydroxyalprazolam	5.707	63659	2486.5	54.3	2856.3	34243	101.011 ng/ml
alpha-PHP	4.965	643973	21416.9	40.1	1299.9	432289	101.915 ng/ml
alpha-PVP	4.402	1053932	27783.2	49.4	10600.2	432289	97.985 ng/ml
Alprazolam	5.781	397937	8139.4	116.6	773.5	153313	97.143 ng/ml
Amphetamine	3.105	1597947	10313.2	47.9	9228.6	257011	106.062 ng/ml
Benzoylcegonine	3.920	25475	942.3	7.3	621.7	8072	89.817 ng/ml
Buprenorphine	5.799	9381	372.8	16.8	953.7	36684	9.818 ng/ml
Bupropion	4.821	948570	30539.9	65.7	5768.7	327311	99.263 ng/ml
Carisoprodol	5.731	279977	11088.8	71.4	1016.8	143098	98.790 ng/ml
Citalopram	5.261	572041	9190.9	41.0	71766.8	252871	100.431 ng/ml
Clonazepam	5.625	382148	24681.1	31.5	157652.8	62146	102.834 ng/ml
Cocaine	4.302	860235	78691.8	44.8	50703.1	649074	100.376 ng/ml
Codeine	2.639	98337	911.2	114.0	14682.6	52251	100.026 ng/ml
Cyclobenzaprine	5.637	513334	276365.5	8.7	3058.0	176595	98.808 ng/ml
Dextromethorphan	5.305	414024	43602.5	75.8	289651.5	207846	101.573 ng/ml
Dextrorphan	4.156	269274	1542.4	211.0	2977.9	323313	100.039 ng/ml
Diazepam	5.947	318974	4486.2	86.9	2892.4	154472	98.859 ng/ml
Dihydrocodeine	2.613	281019	9173.8	57.0	7752.2	153817	102.015 ng/ml
Diphenhydramine	5.331	1880680	79884.5	29.9	16474.4	993704	99.140 ng/ml
Doxylamine	4.574	2302113	9644.3	98.4	38368.0	933786	98.876 ng/ml
EDDP	5.294	394069	6258.2	232.5	8212.2	457570	99.726 ng/ml
Fentanyl	5.131	58144	459.7	73.6	2496.8	286303	9.906 ng/ml
Fluoxetine	5.719	420363	18323.2	7.6	102.4	157292	101.887 ng/ml
Hydrocodone	3.071	440780	1398.3	35.8	777.7	254121	101.103 ng/ml
Hydromorphone	1.662	350542	19350.1	63.1	17571.4	107574	99.109 ng/ml
Ketamine	4.081	774432	10959.1	38.8	1602.6	341241	101.104 ng/ml
Lamotrigine	4.329	59821	4905.1	90.6	978.4	207846	99.821 ng/ml
Lorazepam	5.754	308459	5065.6	51.9	1031.3	151977	103.656 ng/ml
MDA	3.246	1120339	1152.3	24.2	3217.1	345553	99.887 ng/ml
MDMA	3.338	754274	715.3	86.6	43422.6	71387	101.134 ng/ml
Meprobamate	4.940	261826	25313.3	28.3	279.3	104357	107.277 ng/ml



AM #28 Multi-Drug Quant. Results

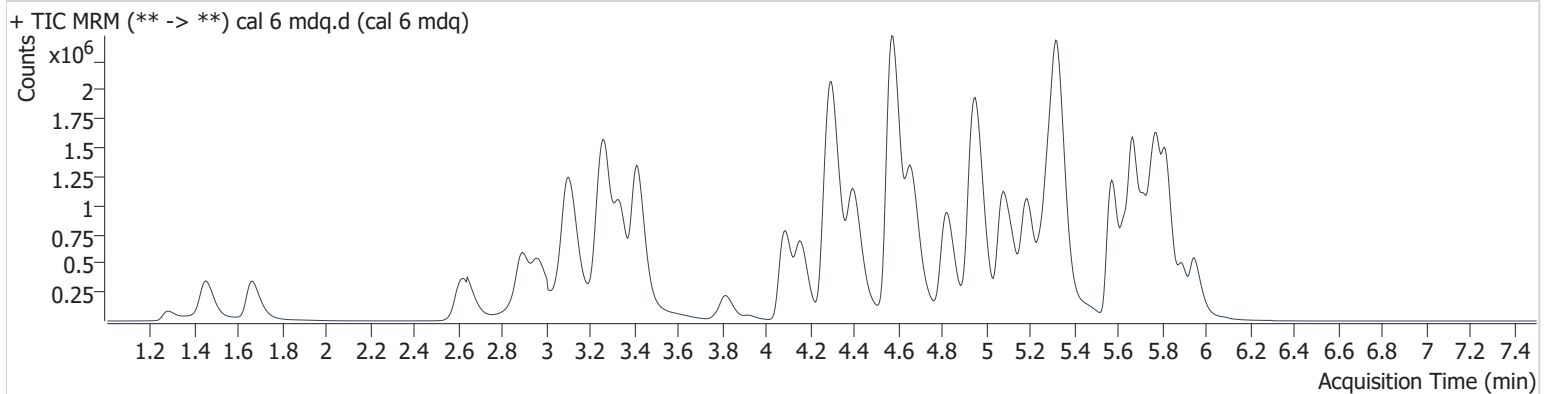
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	1090646	55211.7	54.5	5432.9	547704	99.089 ng/ml
Metoprolol	4.354	137741	94241.4	94.9	1686.2	207846	94.623 ng/ml
Mirtazapine	4.661	1223723	12831.0	47.1	10477.7	547704	94.020 ng/ml
Mitragynine	5.260	177075	5325.1	32.1	2176.5	207846	102.126 ng/ml
Morphine	1.281	44880	2325.3	23.7	1585.0	6035	102.965 ng/ml
Norbuprenorphine	5.027	1371	4273.1	104.2	∞	6484	9.647 ng/ml
Nordiazepam	5.896	281837	140303.1	62.1	105419.1	102617	99.884 ng/ml
Norfentanyl	4.117	15804	1914.9	309.2	838.5	578517	9.557 ng/ml
Noroxycodone	2.969	375149	795.6	37.9	27958.7	132404	101.240 ng/ml
O-desmethyl-tramadol	3.414	1602492	143349.3	6.3	3996.9	901813	97.009 ng/ml
Oxazepam	5.761	483790	2110.6	73.8	2312.8	271357	100.265 ng/ml
Oxycodone	2.891	879673	1665.2	29.4	1625.4	381645	100.827 ng/ml
Oxymorphone	1.449	458900	10226.4	44.6	10009.8	174863	100.057 ng/ml
Phentermine	3.821	196090	1361.6	8.4	285.4	276746	97.378 ng/ml
Promethazine	5.565	769774	10364.7	37.3	4440.3	372484	99.032 ng/ml
Quetiapine	5.572	493538	298316.8	56.7	8294.3	66330	101.197 ng/ml
Sertraline	5.781	179047	2110.9	103.5	142535.4	79508	97.489 ng/ml
Temazepam	5.823	910868	4213.0	30.5	2076.5	433063	99.120 ng/ml
Tramadol	4.278	1861981	154238.6	3.2	348.9	924855	103.622 ng/ml
Trazodone	5.183	936782	8027.6	74.4	11926.2	433435	98.229 ng/ml
Venlafaxine	5.076	1133566	73743.9	41.4	2061.3	739688	97.446 ng/ml
Zolpidem	4.942	1931984	5025.5	31.8	6546.7	865835	104.557 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 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	8/27/2020 2:47:46 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	45245	4731.7	77.3	6139.2	43844	24.652 ng/ml
7-aminoclonazepam	4.303	774995	26649.6	94.2	9550.3	128578	250.900 ng/ml
a-hydroxyalprazolam	5.702	134250	2638.1	62.6	2652.2	28491	257.089 ng/ml
alpha-PHP	4.970	1523329	17837.7	39.9	14987.4	418393	249.511 ng/ml
alpha-PVP	4.402	2564570	17943.1	50.1	18589.2	418393	246.302 ng/ml
Alprazolam	5.781	915610	245.7	113.9	3906.2	137505	248.594 ng/ml
Amphetamine	3.105	3537428	22629.2	48.4	18054.4	242408	249.758 ng/ml
Benzoylcegonine	3.920	74025	10988.0	7.5	40.1	8386	248.773 ng/ml
Buprenorphine	5.799	21142	366.2	16.3	3363.2	32233	25.025 ng/ml
Bupropion	4.821	2256898	2582.9	65.7	1968.6	310243	249.403 ng/ml
Carisoprodol	5.731	636524	18355.5	68.1	6579.5	124954	257.444 ng/ml
Citalopram	5.256	1241496	1330.4	40.0	1020.9	221118	248.842 ng/ml
Clonazepam	5.625	855902	19301.9	32.1	302934.1	56942	252.231 ng/ml
Cocaine	4.302	2003091	645485.5	44.5	338438.5	608888	249.099 ng/ml
Codeine	2.634	250009	5108.2	112.3	4861.7	53875	246.294 ng/ml
Cyclobenzaprine	5.637	1110978	28397.0	8.6	629.6	151491	249.460 ng/ml
Dextromethorphan	5.300	850400	12867.4	79.0	408123.0	175253	247.299 ng/ml
Dextrorphan	4.161	636782	29015.0	220.9	1785279.2	307288	249.433 ng/ml
Diazepam	5.947	779533	1301.9	87.5	14966.9	149170	250.145 ng/ml
Dihydrocodeine	2.607	706154	15489.0	57.1	5404.9	153916	256.644 ng/ml
Diphenhydramine	5.331	4263052	174347.2	30.1	50753.5	889093	251.207 ng/ml
Doxylamine	4.569	5890678	234922.0	97.3	116620.8	949836	248.585 ng/ml
EDDP	5.294	1008273	600880.4	230.5	72457.4	463597	252.125 ng/ml
Fentanyl	5.136	124180	1155.2	78.1	119634.1	247760	24.370 ng/ml
Fluoxetine	5.719	903763	33697.5	7.5	43864.5	135051	256.578 ng/ml
Hydrocodone	3.066	1066638	1902.5	36.3	1411.7	249806	249.477 ng/ml
Hydromorphone	1.662	870919	8050.2	73.6	7928.4	106209	249.200 ng/ml
Ketamine	4.081	1899951	17870.1	38.8	4291.4	332244	255.157 ng/ml
Lamotrigine	4.335	131589	3491.2	89.8	3423.5	175253	260.886 ng/ml
Lorazepam	5.749	628458	10424.3	51.3	1283.8	128578	251.869 ng/ml
MDA	3.246	2644415	37949.9	24.5	2970.8	319102	255.532 ng/ml
MDMA	3.338	1820046	254839.1	86.4	62810.5	70719	246.681 ng/ml
Meprobamate	4.940	568727	30711.2	29.6	5638.4	95154	257.292 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	2474726	23067.0	53.8	6620.3	498516	247.150 ng/ml
Metoprolol	4.354	315538	15807.0	94.9	1672.1	175253	256.212 ng/ml
Mirtazapine	4.661	2971898	20671.3	47.8	2836.3	498516	250.046 ng/ml
Mitragynine	5.260	373598	5845.8	31.5	84415.5	175253	256.266 ng/ml
Morphine	1.281	114103	1956.0	23.4	2135.3	6614	239.039 ng/ml
Norbuprenorphine	5.032	2889	7590.9	112.4	5328.4	5723	23.546 ng/ml
Nordiazepam	5.896	672376	1439452.0	61.4	437399.4	95937	254.862 ng/ml
Norfentanyl	4.117	38785	5877.1	297.7	213.4	551035	24.676 ng/ml
Noroxycodone	2.969	891715	5025.5	41.3	711.2	123134	258.909 ng/ml
O-desmethyl-tramadol	3.414	4062395	152353.9	6.4	7844.0	893788	247.962 ng/ml
Oxazepam	5.761	1045709	13919.3	72.6	919.9	228795	257.346 ng/ml
Oxycodone	2.886	2224117	10908.5	29.2	6294.6	386600	251.797 ng/ml
Oxymorphone	1.449	1158826	5123.1	44.0	497.6	176687	250.052 ng/ml
Phentermine	3.816	484156	438.8	8.1	602.8	262999	252.556 ng/ml
Promethazine	5.565	1788847	5035.2	37.4	4480.5	337037	254.309 ng/ml
Quetiapine	5.572	1195110	1008110.0	58.8	20513.9	66072	246.657 ng/ml
Sertraline	5.781	381496	7303.3	103.4	267471.7	65424	252.743 ng/ml
Temazepam	5.823	2181461	37791.0	30.7	4059.8	414979	247.713 ng/ml
Tramadol	4.278	4345196	492173.8	3.5	947.4	918932	244.500 ng/ml
Trazodone	5.183	2378698	19803.7	74.5	3463.2	432064	250.485 ng/ml
Venlafaxine	5.076	2866833	229052.9	41.5	6107.7	724901	250.760 ng/ml
Zolpidem	4.942	4554407	9127.6	31.1	6451.8	849758	251.118 ng/ml

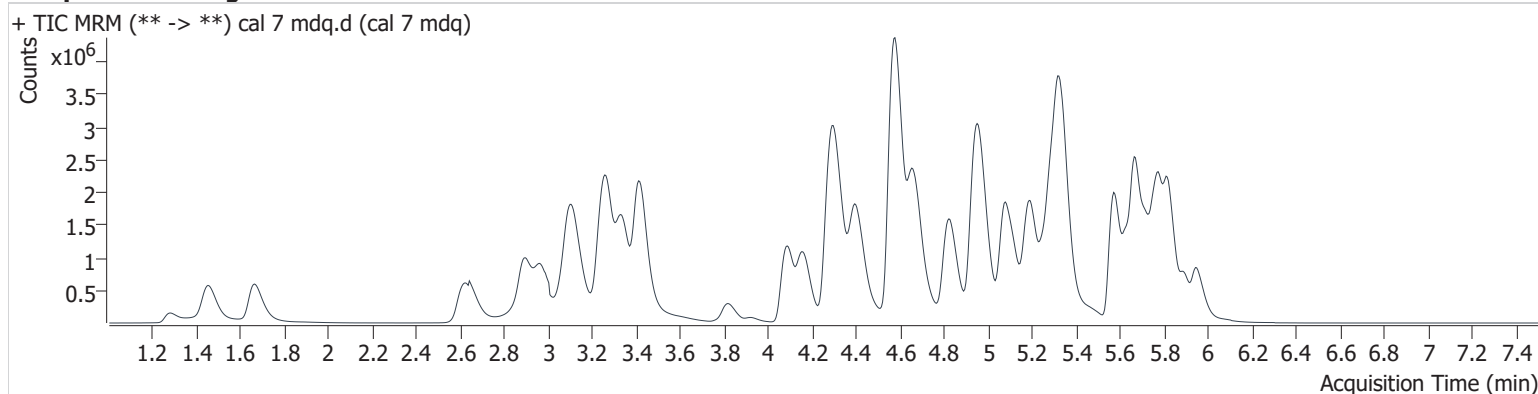
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 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	8/27/2020 2:58:35 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	84808	3638.0	76.2	1452.3	40403	50.139 ng/ml
7-aminoclonazepam	4.308	1114262	9623.6	95.1	2524.6	95723	485.076 ng/ml
a-hydroxyalprazolam	5.702	200303	1527.3	60.4	318.9	22967	476.432 ng/ml
alpha-PHP	4.970	2518231	43985.7	39.5	29396.2	353685	488.212 ng/ml
alpha-PVP	4.402	4369399	24051.7	50.3	24265.3	353685	496.380 ng/ml
Alprazolam	5.781	1482350	3346.4	114.6	1956.5	108316	510.506 ng/ml
Amphetamine	3.110	5179427	32658.8	48.2	25403.1	185759	477.767 ng/ml
Benzoylcegonine	3.920	149615	2851.3	7.4	164.4	8245	509.973 ng/ml
Buprenorphine	5.799	39467	1198.2	15.7	4098.1	28489	52.743 ng/ml
Bupropion	4.821	4013418	70416.6	64.7	14916.2	275805	499.046 ng/ml
Carisoprodol	5.731	970999	24532.6	69.3	3011.8	100685	487.514 ng/ml
Citalopram	5.256	2077675	15849.5	39.0	130922.9	184913	497.695 ng/ml
Clonazepam	5.625	1312919	90711.6	31.7	297791.4	45520	484.550 ng/ml
Cocaine	4.302	3317635	108734.4	42.5	26605.0	503518	498.871 ng/ml
Codeine	2.639	434413	1905.3	111.8	13792.1	45209	509.744 ng/ml
Cyclobenzaprine	5.637	1819817	82206.1	8.6	2753.7	123119	502.911 ng/ml
Dextromethorphan	5.300	1410067	38572.7	78.4	212780.6	135063	531.965 ng/ml
Dextrorphan	4.161	1126815	53682.1	218.0	3362.2	272130	498.757 ng/ml
Diazepam	5.947	1345228	12757.6	87.0	4991.5	128572	500.800 ng/ml
Dihydrocodeine	2.607	1264902	30431.5	58.0	19239.6	141216	501.350 ng/ml
Diphenhydramine	5.334	7429231	733395.5	30.0	41378.4	775757	501.762 ng/ml
Doxylamine	4.574	10854977	6723.7	96.4	3061.9	864070	503.447 ng/ml
EDDP	5.294	1813440	180924.9	229.5	5287.8	421312	499.157 ng/ml
Fentanyl	5.136	244374	3542.4	75.4	8849.8	239859	49.481 ng/ml
Fluoxetine	5.719	1384465	153369.6	7.9	2091.3	105991	501.731 ng/ml
Hydrocodone	3.066	1844565	1720.5	38.0	1167.6	216819	497.465 ng/ml
Hydromorphone	1.662	1603117	22656.4	73.6	9269.7	95311	511.018 ng/ml
Ketamine	4.086	3312966	26334.7	38.5	8090.8	301033	491.289 ng/ml
Lamotrigine	4.335	203184	6709.3	89.1	12305.7	135063	522.993 ng/ml
Lorazepam	5.749	855988	4687.1	50.6	2464.0	95723	462.129 ng/ml
MDA	3.246	4345490	54422.1	25.2	11013.6	272285	492.239 ng/ml
MDMA	3.338	3206109	17038.8	85.0	1530.4	62531	491.679 ng/ml
Meprobamate	4.940	861348	24039.9	28.9	154.9	79169	469.381 ng/ml

AM #28 Multi-Drug Quant. Results

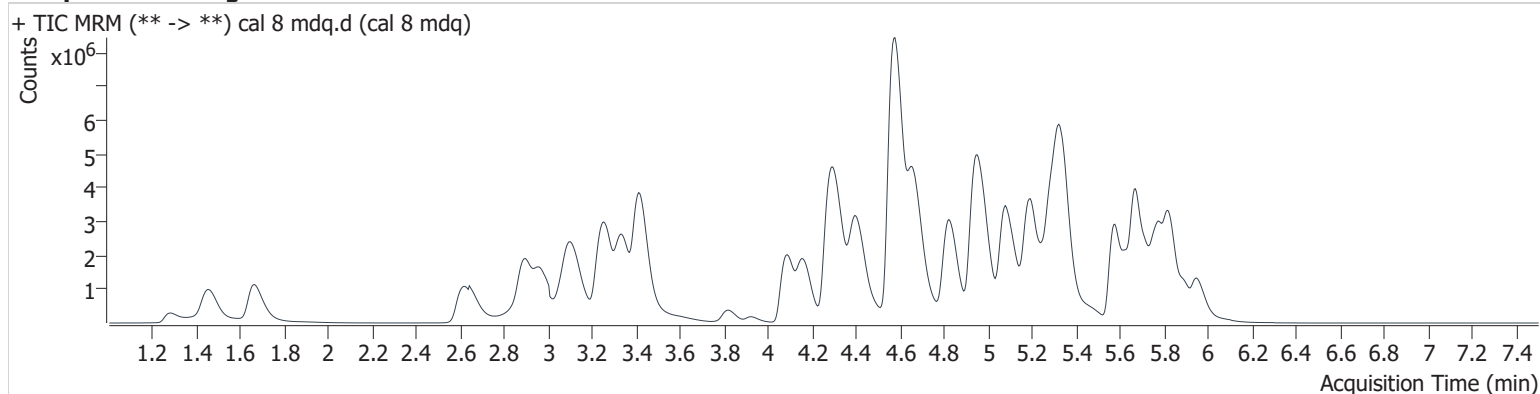
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	4547473	96800.0	52.4	54073.7	448732	504.629 ng/ml
Metoprolol	4.359	503219	76794.6	94.5	1281.6	135063	529.654 ng/ml
Mirtazapine	4.666	5444513	38326.1	46.5	11834.6	448732	508.399 ng/ml
Mitragynine	5.260	630369	8803.7	31.8	67357.7	135063	561.634 ng/ml
Morphine	1.281	203632	12185.1	24.6	6478.2	5740	491.714 ng/ml
Norbuprenorphine	5.027	5118	14153.5	103.6	45581.9	5162	46.622 ng/ml
Nordiazepam	5.896	1098318	97360.0	60.7	221996.3	80140	498.362 ng/ml
Norfentanyl	4.117	68411	4996.1	289.6	2288.1	462987	51.841 ng/ml
Noroxycodone	2.969	1525466	6365.7	40.9	1078.7	113100	482.295 ng/ml
O-desmethyl-tramadol	3.418	7417578	7821.8	6.4	12854.2	805127	502.503 ng/ml
Oxazepam	5.756	1513934	919.8	74.0	752.2	173594	491.227 ng/ml
Oxycodone	2.891	4031187	11331.6	29.1	14403.2	357831	493.161 ng/ml
Oxymorphone	1.449	2091334	113132.9	44.2	1919.4	162395	490.980 ng/ml
Phentermine	3.821	722553	5905.0	7.9	2008.3	204100	485.428 ng/ml
Promethazine	5.565	3132395	6474.9	37.1	10789.4	296614	505.981 ng/ml
Quetiapine	5.577	2074159	3105744.4	57.9	790034.3	57511	492.257 ng/ml
Sertraline	5.781	559560	2200.1	104.1	16965.1	48851	496.671 ng/ml
Temazepam	5.823	3697283	47686.5	30.5	1754.2	341649	509.944 ng/ml
Tramadol	4.278	7616715	339382.0	3.3	1743.8	810368	486.827 ng/ml
Trazodone	5.188	4318696	5026.6	76.4	199911.8	392283	501.065 ng/ml
Venlafaxine	5.076	5239975	863.0	40.7	58360.7	645597	514.165 ng/ml
Zolpidem	4.942	7911626	14363.0	30.3	9365.7	755902	490.373 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720\QuantResults\mdq.batch.bin
Calibration Last Update 8/28/2020 8:19:25 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	8/27/2020 3:20:05 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.177	181180	8886.9	76.0	2262.8	44332	97.618 ng/ml
7-aminoclonazepam	4.308	1397147	53642.9	88.9	3496.7	56990	1022.231 ng/ml
a-hydroxyalprazolam	5.702	301546	2636.7	62.7	1529.4	16946	972.792 ng/ml
alpha-PHP	4.975	4395507	147856.1	39.7	18923.6	322971	933.466 ng/ml
alpha-PVP	4.402	8229673	49028.0	50.7	31145.8	322971	1023.796 ng/ml
Alprazolam	5.781	2568565	1306.9	111.7	6031.4	89876	1065.655 ng/ml
Amphetamine	3.110	6503469	48324.4	48.3	24015.4	124829	893.245 ng/ml
Benzoylcegonine	3.920	383882	5753.6	7.8	929.5	9669	1114.173 ng/ml
Buprenorphine	5.799	51067	1583.7	16.5	1967.8	20063	96.824 ng/ml
Bupropion	4.821	7839124	17524.6	64.8	24635.3	271837	989.134 ng/ml
Carisoprodol	5.731	1465244	2699.1	71.2	10705.2	74430	995.318 ng/ml
Citalopram	5.256	2878510	55912.4	43.6	4664654.4	124060	1027.449 ng/ml
Clonazepam	5.625	2136473	52711.2	31.5	7985.7	38067	943.437 ng/ml
Cocaine	4.305	5451689	269134.9	44.4	111583.5	407958	1011.749 ng/ml
Codeine	2.639	808150	13143.5	107.1	8275.4	42260	1014.244 ng/ml
Cyclobenzaprine	5.637	1904426	104632.8	8.7	2894.5	63694	1017.430 ng/ml
Dextromethorphan	5.300	1933677	47561.0	77.4	38699.6	97438	1011.111 ng/ml
Dextrorphan	4.161	2095163	26504.6	221.3	210644.6	249644	1011.262 ng/ml
Diazepam	5.952	2477596	4076.5	85.4	2851.7	117705	1007.488 ng/ml
Dihydrocodeine	2.607	2448564	4918.2	62.1	17636.2	147445	929.759 ng/ml
Diphenhydramine	5.337	12491528	496229.5	29.7	11132.7	643293	1017.413 ng/ml
Doxylamine	4.574	22525161	9338.4	96.3	1161646.3	878021	1028.004 ng/ml
EDDP	5.294	3845953	10881.0	229.8	133664.4	438662	1016.936 ng/ml
Fentanyl	5.136	401061	6922.2	74.3	294384.1	191871	101.462 ng/ml
Fluoxetine	5.719	1168219	9903.6	7.7	152584.7	45462	987.961 ng/ml
Hydrocodone	3.061	3530214	2077.7	36.9	1125.9	218323	945.878 ng/ml
Hydromorphone	1.662	3367901	15504.9	73.1	35618.3	103658	986.993 ng/ml
Ketamine	4.086	6338146	33798.1	38.4	8398.0	296790	953.583 ng/ml
Lamotrigine	4.340	277621	5363.3	89.0	2517.7	97438	990.787 ng/ml
Lorazepam	5.749	928165	8549.0	50.4	1951.4	56990	842.977 ng/ml
MDA	3.246	7781585	122126.2	24.5	12684.5	247837	968.555 ng/ml
MDMA	3.338	6004343	691296.8	84.3	706623.3	57281	1005.450 ng/ml
Meprobamate	4.935	1133024	1028262.0	27.2	72.4	60949	802.888 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	8149829	191289.9	50.1	81717.5	388876	1043.672 ng/ml
Metoprolol	4.359	780680	47970.0	93.9	40961.0	97438	1138.396 ng/ml
Mirtazapine	4.667	10758913	27644.8	46.0	33285.0	388876	1158.657 ng/ml
Mitragynine	5.255	668212	11519.7	34.1	1143.1	97438	825.463 ng/ml
Morphine	1.281	431524	11247.8	24.0	4300.7	6026	992.589 ng/ml
Norbuprenorphine	5.032	8367	12305.8	96.3	22792.0	3767	104.921 ng/ml
Nordiazepam	5.896	1772688	44112.9	62.0	120633.6	66258	972.869 ng/ml
Norfentanyl	4.117	119676	342.5	294.0	9314.8	387762	108.319 ng/ml
Noroxycodone	2.969	2705722	3078.7	40.6	8629.5	102587	943.203 ng/ml
O-desmethyl-tramadol	3.414	15388110	774847.7	6.3	62281.9	794001	1056.953 ng/ml
Oxazepam	5.756	2030374	14623.6	73.0	1886.8	115317	991.930 ng/ml
Oxycodone	2.890	8392048	12974.1	29.2	10542.5	370692	991.126 ng/ml
Oxymorphone	1.449	4105461	8122.6	44.1	173.0	161016	972.084 ng/ml
Phentermine	3.821	1009224	6848.5	7.5	2594.6	137765	1004.194 ng/ml
Promethazine	5.565	3629526	5103631.8	36.5	5781.6	172212	1009.781 ng/ml
Quetiapine	5.572	4186293	3503222.4	58.6	1898450.3	59197	965.659 ng/ml
Sertraline	5.786	414006	1737.9	104.9	7136.0	18080	993.062 ng/ml
Temazepam	5.823	6646526	4085.8	30.0	3868.6	299490	1045.748 ng/ml
Tramadol	4.273	13338873	6369.3	3.3	2865.5	763223	905.943 ng/ml
Trazodone	5.188	8652905	5422.0	76.2	5360.4	376112	1047.285 ng/ml
Venlafaxine	5.076	10762619	11110.8	39.5	53553.4	632568	1077.324 ng/ml
Zolpidem	4.937	14419254	20161.0	29.9	20197.7	711994	948.821 ng/ml

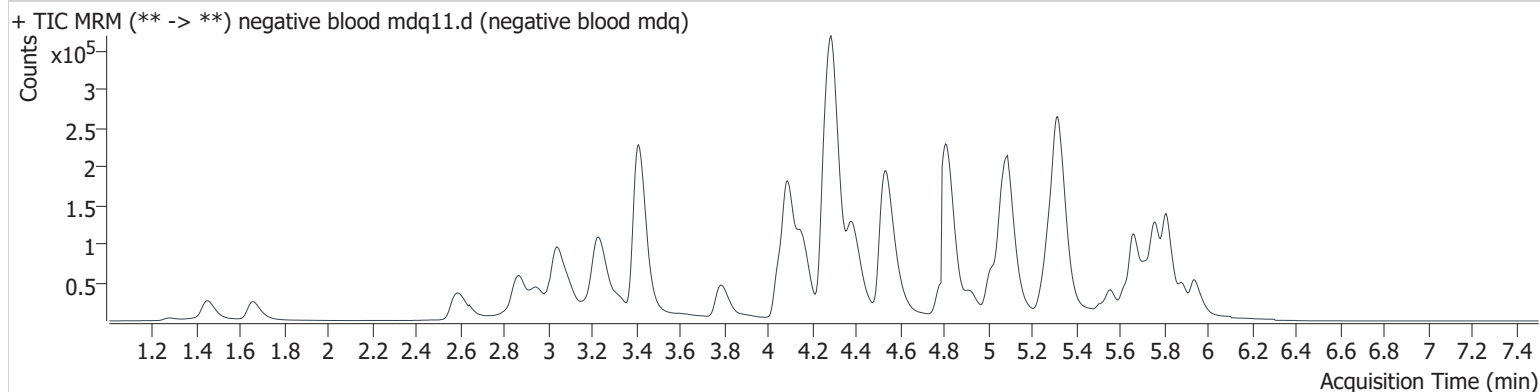
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	negative blood mdq11.d
Type	Sample	Sample	negative blood mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-A4	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:05:12 AM		
Sample Info.			

Sample Chromatogram



re-injection evaluated methamphetamine only

GA

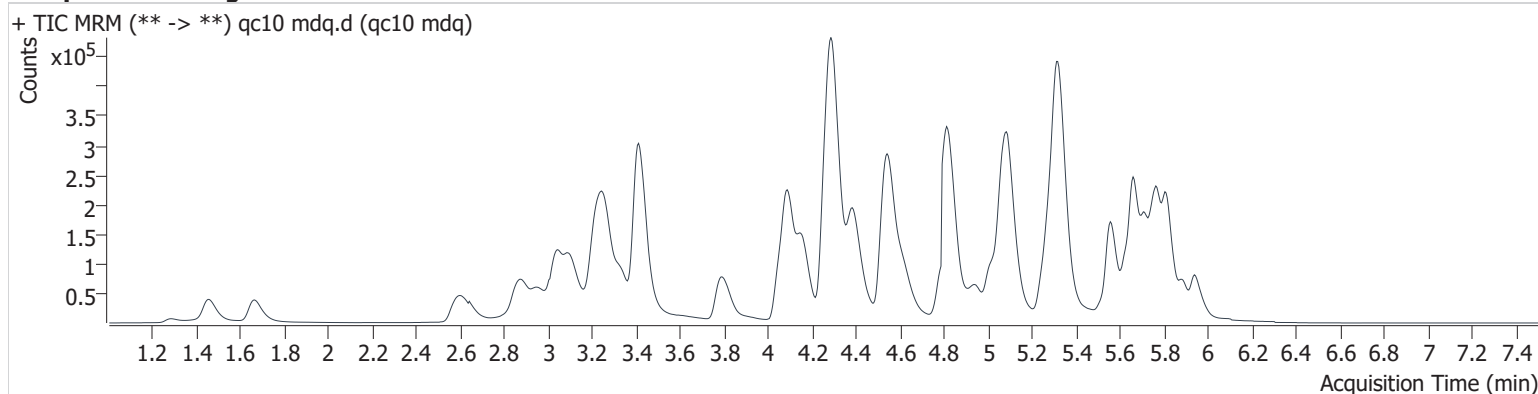
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:16:02 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.273	152495	1721.7	37.8	612.6	519990	8.663 ng/ml

re-injection evaluated methamphetamine only

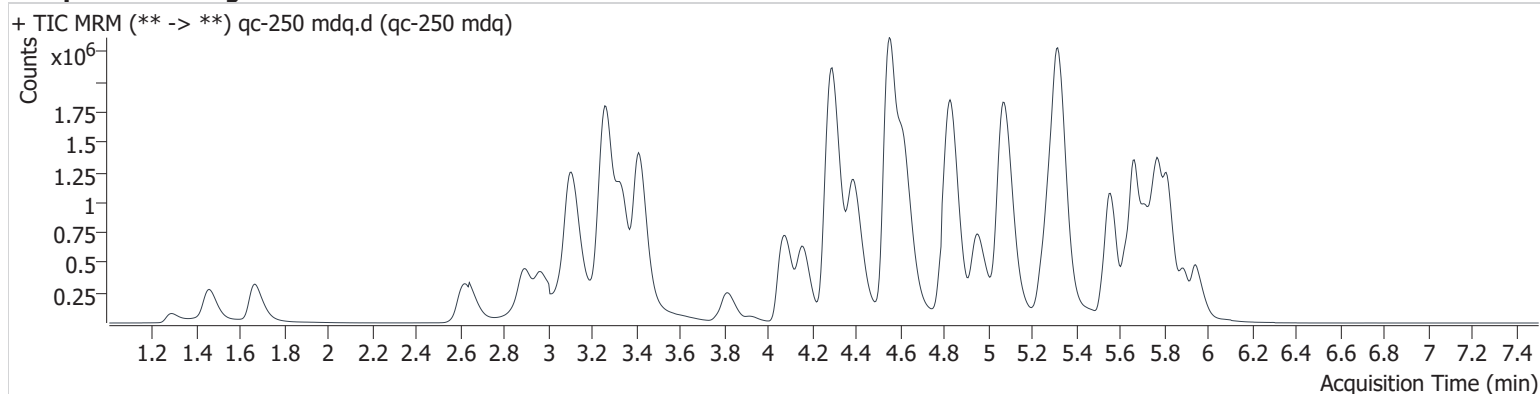
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:26:51 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.267	2475846	38660.4	40.1	16427.0	462450	280.866 ng/ml

re-injection evaluated methamphetamine only

Ⓜ

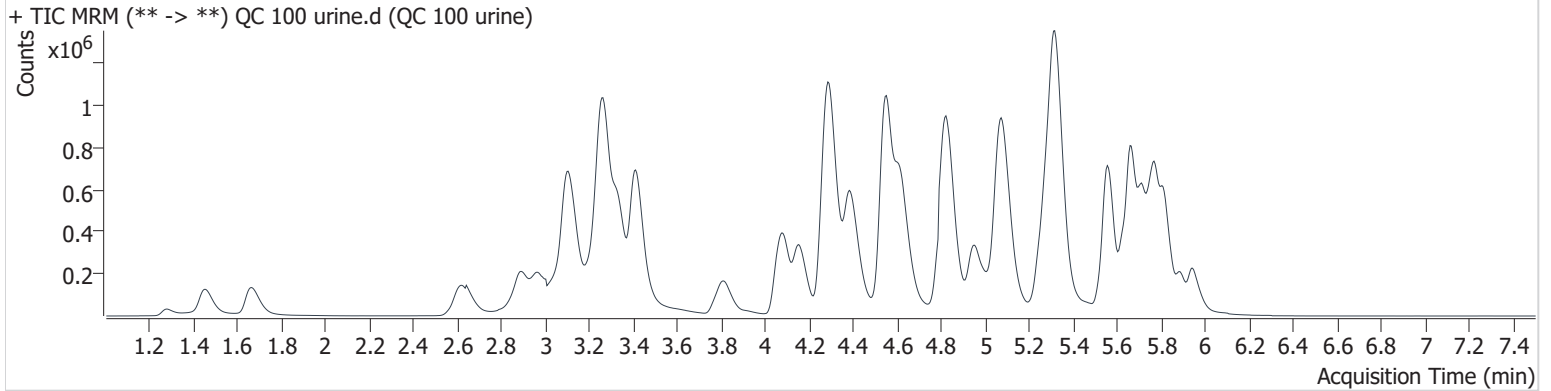
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	QC 100 urine.d
Type	QC	Sample	QC 100 urine
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:37:40 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.267	1572264	13972.9	38.1	765.7	684918	116.365 ng/ml

re-injection evaluated methamphetamine only

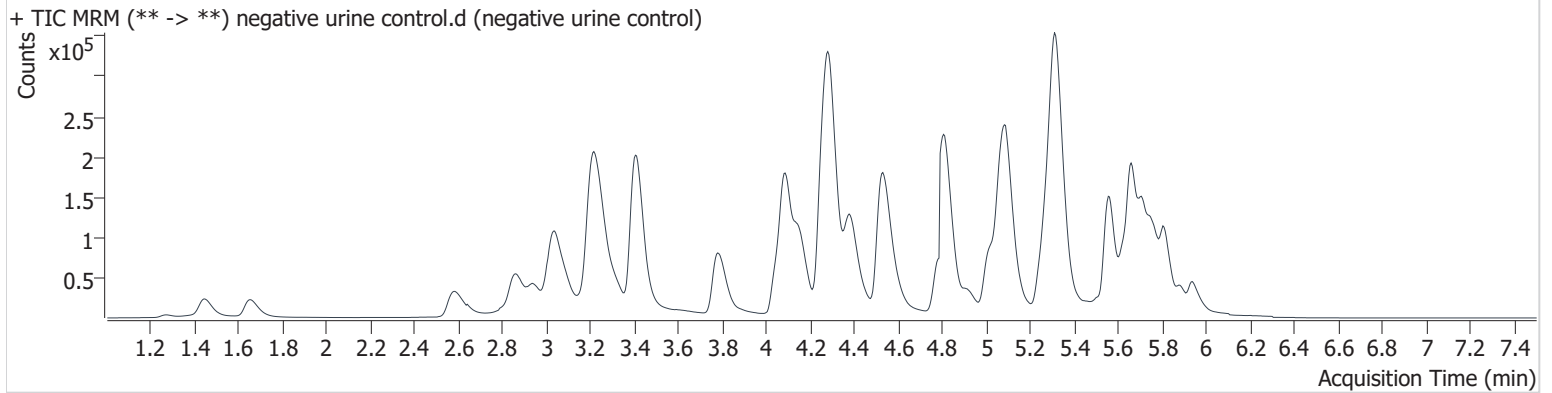
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	negative urine control.d
Type	Sample	Sample	negative urine control
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-E3	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 11:31:34 AM		
Sample Info.			

Sample Chromatogram



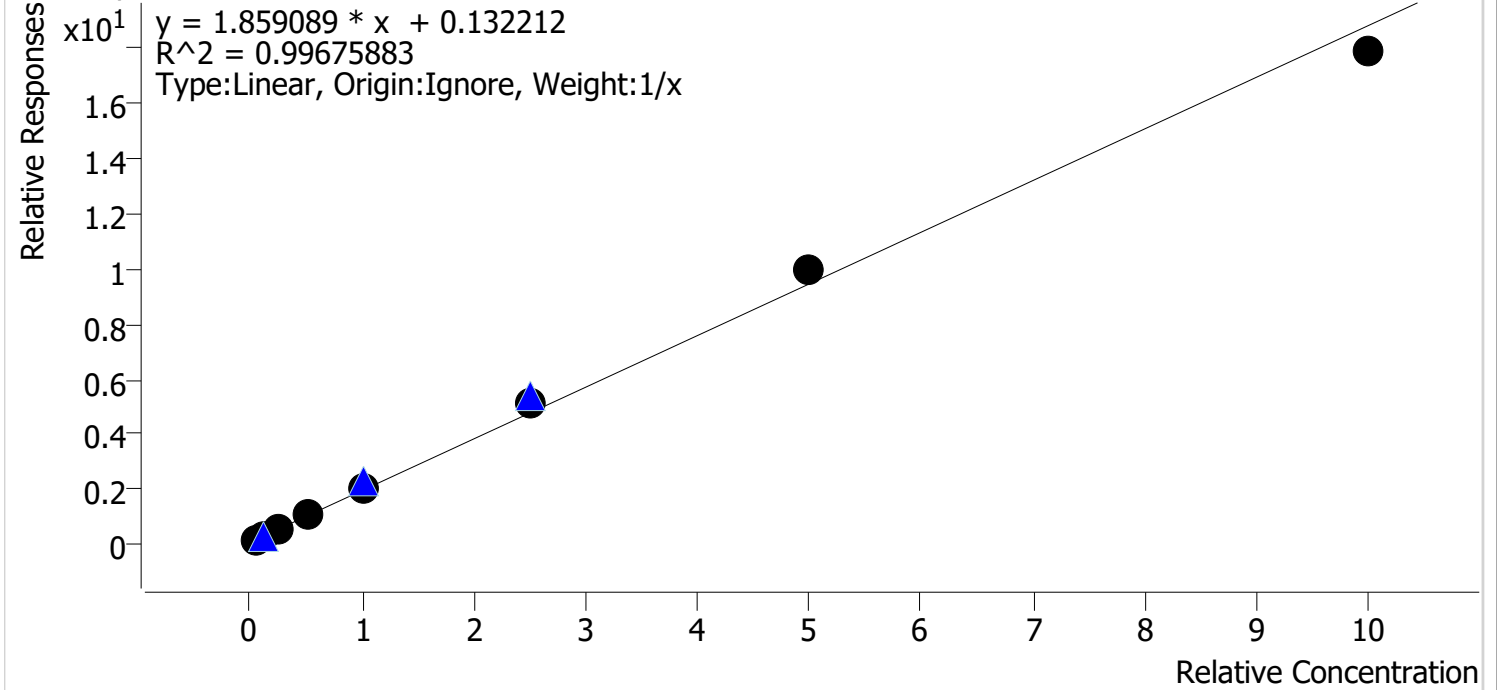
re-injection evaluated methamphetamine only

Compound Calibration Report



Batch results	D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin		
Last Cal. Update	8/28/2020 12:48 PM		
Analyst Name	ISP\datastor		
Analyte	Methamphetamine	Internal Standard	Methamphetamine-D11

Methamphetamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 3 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.3
cal 2 mdq	2	✓	10.0	8.7	86.5
cal 3 mdq	3	✓	25.0	25.4	101.5
cal 4 mdq	4	✓	50.0	52.5	105.0
cal 5 mdq	5	✓	100.0	107.0	107.0
cal 6 mdq	6	✓	250.0	266.8	106.7
cal 7 mdq	7	✓	500.0	525.3	105.1
cal 8 mdq	8	✓	1000.0	949.7	95.0

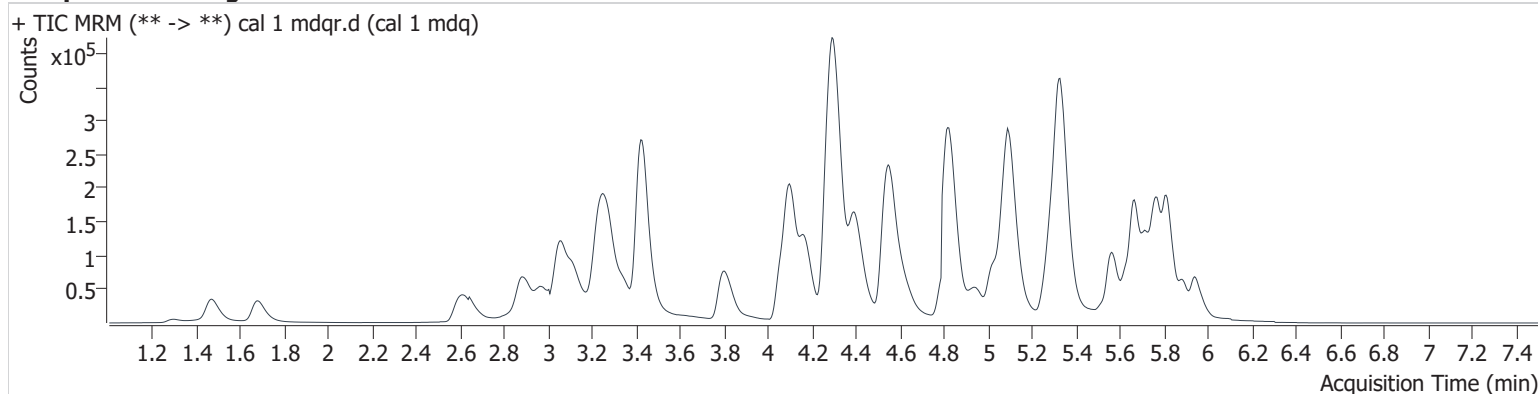
re-injection evaluated methamphetamine only

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	cal 1 mdqr.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	8/28/2020 8:28:03 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.288	105932	1205.3	40.3	1090.8	483784	4.666 ng/ml

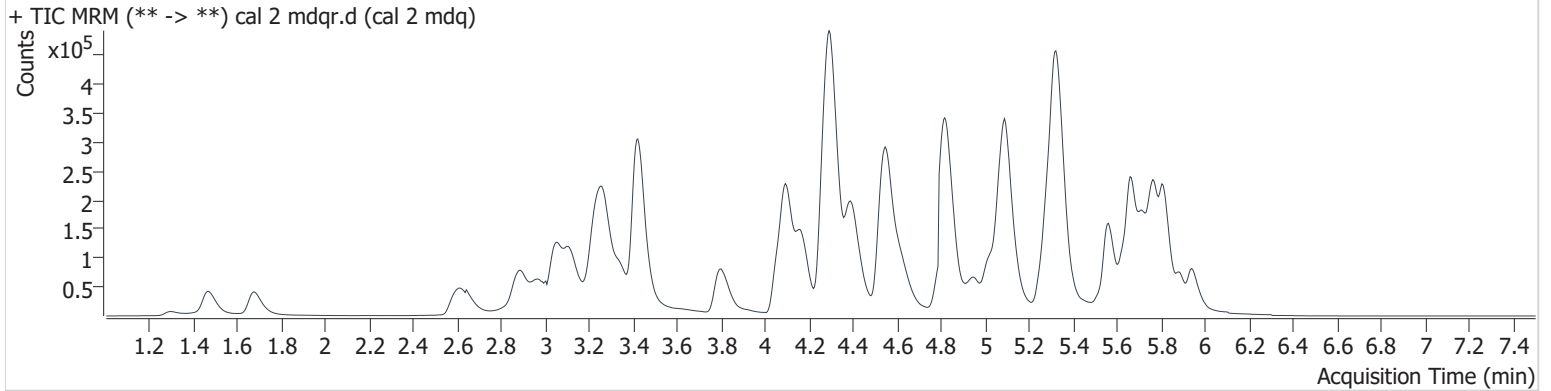
re-injection evaluated methamphetamine only

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	cal 2 mdqr.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	8/28/2020 8:38:51 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.283	146759	534.0	40.8	684.8	500816	8.651 ng/ml

re-injection evaluated methamphetamine only

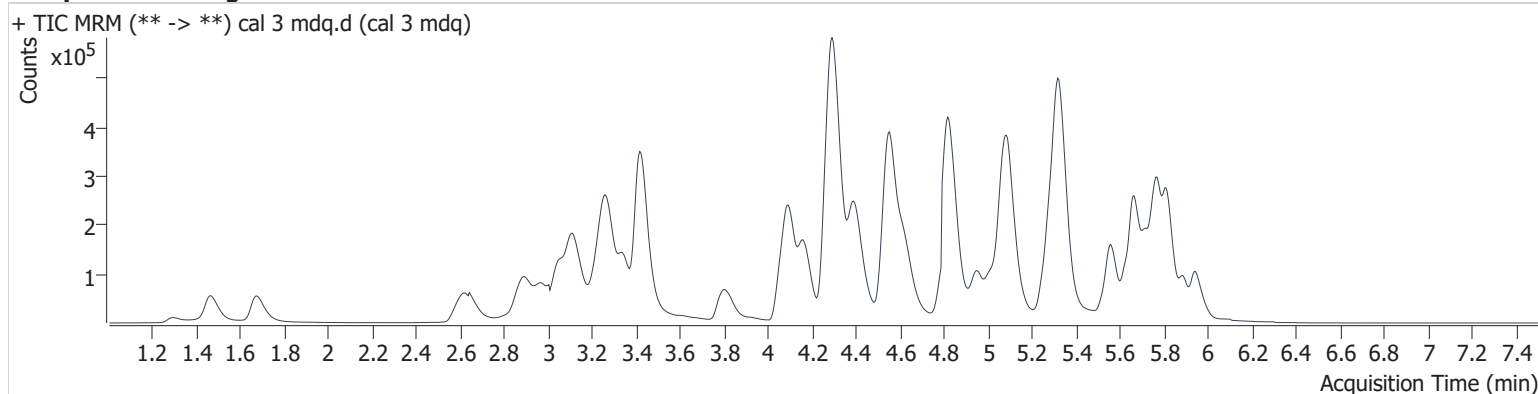
GA

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

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	8/28/2020 8:49:39 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.278	186411	∞	41.6	1249.4	308723	25.367 ng/ml

re-injection evaluated methamphetamine only

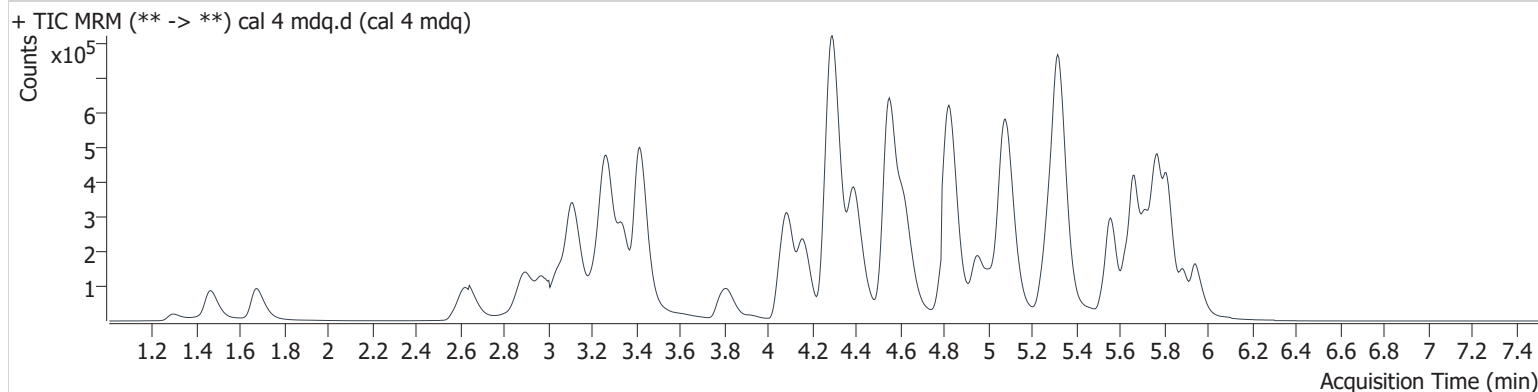
GA

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Anne Nord
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 9:00:27 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.278	486467	∞	38.1	702.4	439123	52.477 ng/ml

re-injection evaluated methamphetamine only

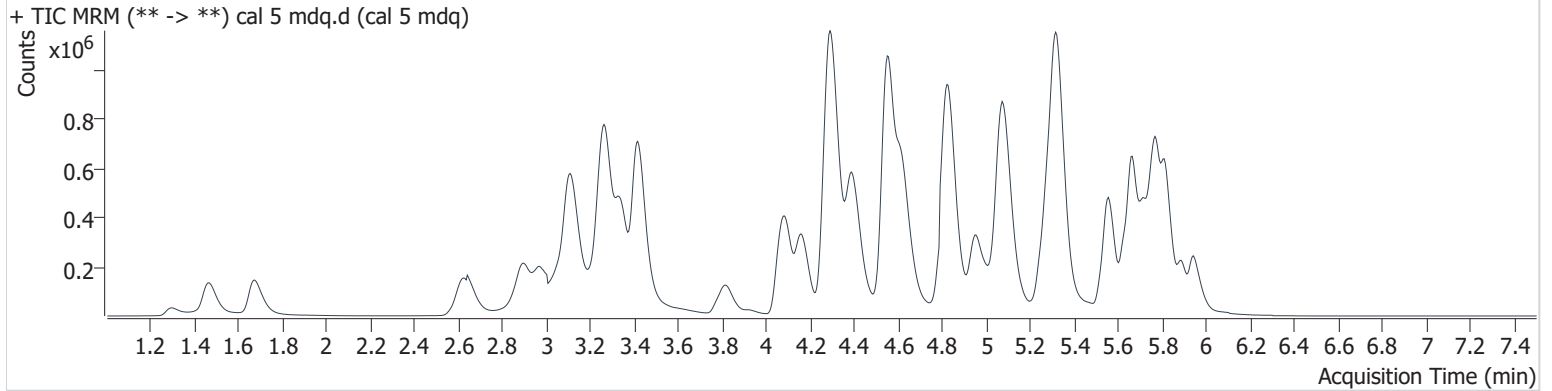
GA

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

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	8/28/2020 9:11:15 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.273	883934	6908.5	38.0	391.4	416759	106.975 ng/ml

re-injection evaluated methamphetamine only

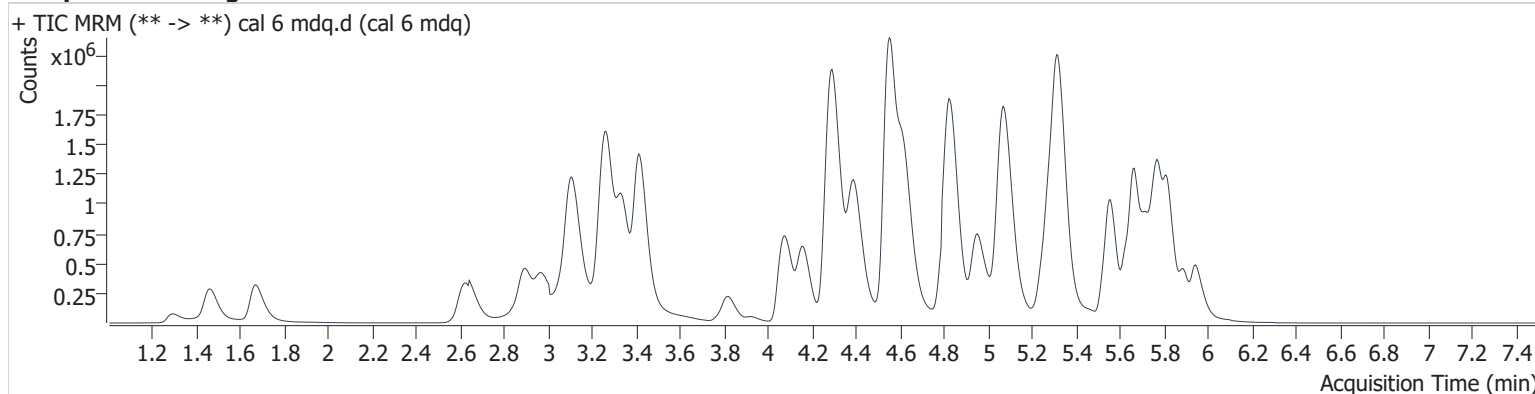
GA

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

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	8/28/2020 9:22:03 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.273	1937403	∞	36.9	10146.2	380415	266.832 ng/ml

re-injection evaluated methamphetamine only

GA

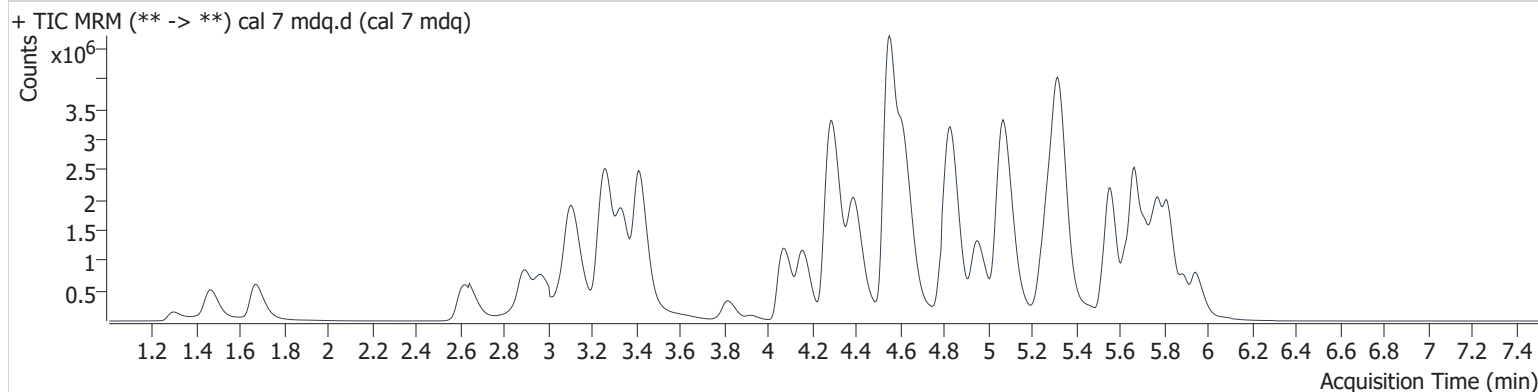
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

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	8/28/2020 9:32:51 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.267	2687435	∞	38.0	3048.5	271521	525.284 ng/ml

re-injection evaluated methamphetamine only

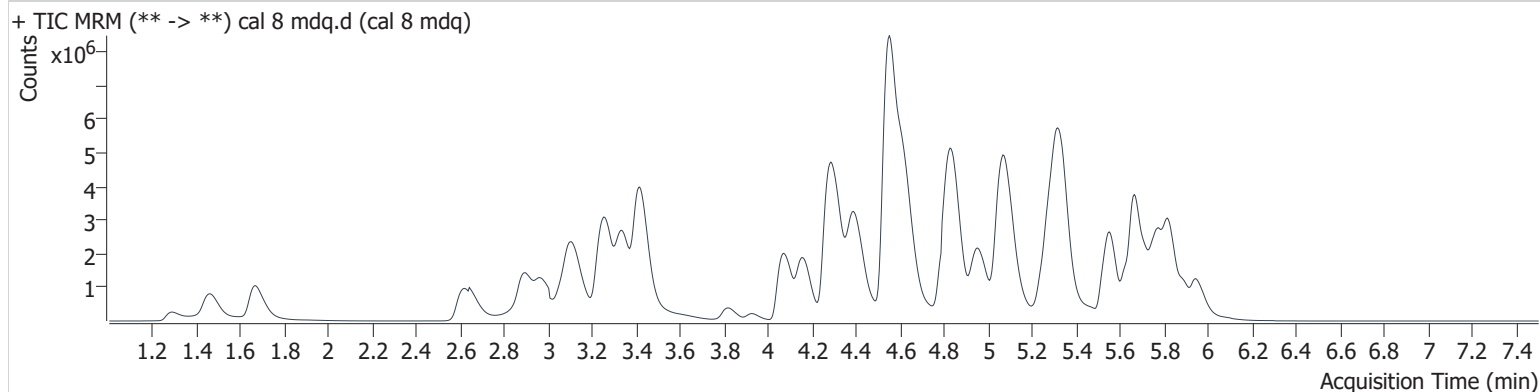
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 082720meth run\QuantResults\meth only.batch.bin
Calibration Last Update 8/28/2020 12:48:02 PM

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	8/28/2020 9:43:39 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.273	1534270	36180.6	38.5	1751.1	86249	949.746 ng/ml

re-injection evaluated methamphetamine only