

5/26/2022

Worklist: 5932

REVIEWED
By Britany Wylie at 3:15 pm, May 31, 2022

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-0919	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0949	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0995	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-1002	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-1024	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1040	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1041	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1061	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1069	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1075	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1084	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1122	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1151	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1155	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date 5/25/22

Analyst: Anne Nord

Plate lot#: 220324

Plate re-test: 9/24/22

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: 22B52020 **Urine Blank lot:** 21522

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: 390993 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Pipette 250µL 00.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 15. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

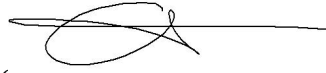
- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary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

COMMENTS:

Curve limits: alpha-hydroxyalprazolam 50-1000, Lorazepam 5-250, Norbuprenorphine 2.5-100, Norhydrocodone 25-1000 Oxycodone not evaluated inconsistent and poor peak shape in calibrators and controls.

Calibrator 6 had poor internal standard response and shifted retention times for some compounds. The calibrator was re injected and evaluated.

The urine positive control had wide peaks and the internal standard was shifted for a couple compounds reinjected and evaluated.



The datafile names do not match the sample name. The sample names are correct.

SLE and collection plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1075-1			0949-1						
B	IS + Cal. 2	IS + QC_2	1084-1			1002-1						
C	IS + Cal. 3	qc3	1151-1			1155-1						
D	IS + Cal. 4	IS + QC_4	1122-1			0995-1						
E	IS + Cal. 5	Qc 2 urine	0919-1									
F	IS + Cal. 6	negative blood	1024-1									
G	IS + Cal. 7	1069-1	1061-1			negative urine						
H	IS + Cal. 8	1041-1	1040-1									

c2022-__-__

Mixing plate

	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1	1075-1			0949-1		
B					IS + Cal. 2	IS + QC_2	1084-1			1002-1		
C					IS + Cal. 3	qc3	1151-1			1155-1		
D					IS + Cal. 4	IS + QC_4	1122-1			0995-1		
E					IS + Cal. 5	Qc 2 urine	0919-1					
F				1024-1	IS + Cal. 6	negative blood						
G				1061-1	IS + Cal. 7	1069-1						
H				1040-1	IS + Cal. 8	1041-1				negative urine		

c2022-__-__

Request for Departure from an Analytical Method or Quality Standard

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

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager

Date: 2/10/2022

Quality Review

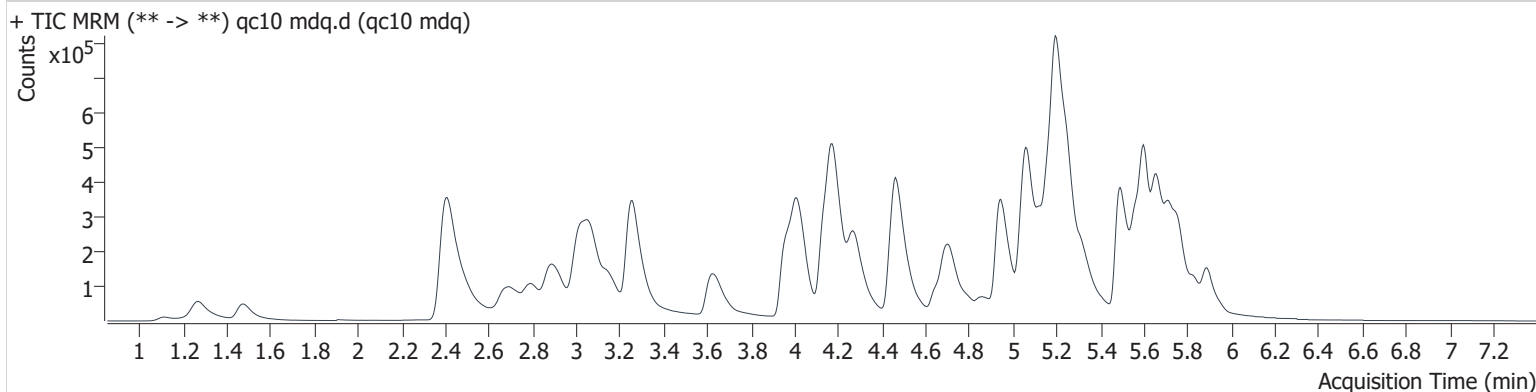
Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 **Data File** qc10 mdq.d
Type QC **Sample** qc10 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A2 **Comment**
Injection Volume 3
Acq. Date-Time 5/25/2022 5:12:58 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.038	2694	∞	141.7	357.5	70874	0.924 ng/ml
7-aminoclonazepam	4.197	55197	2265.7	72.6	892.5	206511	9.810 ng/ml
a-hydroxyalprazolam	5.638	6678	∞	56.8	5704.9	176903	36.585 ng/ml OCR
alpha-PHP	4.857	125825	1723.7	41.1	∞	626929	10.018 ng/ml
alpha-PVP	4.287	168496	5554.8	53.3	17371.6	626929	9.965 ng/ml
Alprazolam	5.723	78666	871.7	92.5	995.4	265675	10.607 ng/ml
Amphetamine	2.884	118804	1147.2	260.8	2617.4	427102	9.925 ng/ml
Benzoylcegonine	3.784	2797	6061.3	55.4	60.6	7728	10.564 ng/ml
Buprenorphine	5.903	8169	∞	14.1	1291.8	113348	1.071 ng/ml
Bupropion	4.722	147714	10083.4	71.2	913.3	720648	9.664 ng/ml
Carisoprodol	5.673	38237	40434.8	73.2	500.0	175636	10.230 ng/ml
Citalopram	5.136	129058	5590.8	38.6	1037.3	560066	10.259 ng/ml
Clonazepam	5.560	32748	11241.2	33.0	4304.0	63794	10.011 ng/ml
Clonazepam	5.501	44205	10015.3	38.2	3382.0	417045	9.906 ng/ml
Cocaine	4.176	121591	4532.9	50.8	3572.7	959822	9.937 ng/ml
Codeine	2.478	19469	1323.5	87.6	11765.0	84341	10.092 ng/ml
Cyclobenzaprine	5.573	154019	3611.5	7.9	503.0	460454	9.683 ng/ml
Dextromethorphan	5.179	94543	1321.8	74.1	905.5	378585	10.435 ng/ml
Dextrophan	4.028	107005	∞	45.1	16916.5	514767	10.401 ng/ml
Diazepam	5.896	52217	18018.3	86.9	1793.3	228315	10.710 ng/ml
Dihydrocodeine	2.427	48195	581.5	59.8	471.8	261336	10.872 ng/ml
Diphenhydramine	5.206	384440	7205.1	31.4	1145.6	2095745	10.399 ng/ml
Doxylamine	4.472	391869	6980.8	75.0	22028.0	1446274	10.014 ng/ml
EDDP	5.174	167353	4947.0	41.6	∞	843069	9.826 ng/ml
Etizolam	5.764	38014	∞	21.9	∞	228315	10.790 ng/ml
Fentanyl	5.078	13341	1380595.0	126.4	19372.6	702157	0.960 ng/ml
Flualprazolam	5.659	32901	∞	101.0	∞	265675	10.494 ng/ml
Fluoxetine	5.660	163643	7635.4	6.6	18933.4	578493	10.361 ng/ml
Hydrocodone	2.927	51567	791.7	37.1	2241.8	271564	10.102 ng/ml
Hydromorphone	1.483	43282	399.3	73.4	630.6	136620	9.691 ng/ml
Ketamine	4.018	112666	15779.5	37.3	948.9	536777	10.200 ng/ml
Lamotrigine	4.204	11433	817.9	94.1	2755.2	387197	9.384 ng/ml
Levetiracetam	2.511	22531	944.3	152.0	757.7	1495580	10.494 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	16398	∞	41.3	∞	176903	10.449 ng/ml
MDA	3.057	152338	3420.9	28.5	382.7	387197	10.986 ng/ml
MDMA	3.159	111046	4306.2	96.9	2184.8	101249	10.387 ng/ml
Meprobamate	4.816	26913	529.5	32.4	195.8	87859	10.023 ng/ml
Methadone	5.602	232303	9109.6	54.7	1607.3	1010192	9.899 ng/ml
Methamphetamine	3.079	248786	28.1	41.9	27.4	929272	9.755 ng/ml
Metoprolol	4.239	29010	26233.4	94.0	∞	387197	9.970 ng/ml
Mirtazapine	4.648	246899	14660.4	49.4	∞	1010192	9.748 ng/ml
Mitragynine	5.223	48772	44581.6	32.7	∞	1495580	9.728 ng/ml
Morphine	1.122	8244	1184.2	24.4	205.9	11318	9.743 ng/ml
Norbuprenorphine	4.906	943	1601.5	125.3 High	678.6	21083	1.226 ng/ml ocr
Nordiazepam	5.840	40846	3698.6	61.5	∞	145809	9.664 ng/ml
Norfentanyl	3.987	8262	2911.5	35.0	∞	1030235	0.969 ng/ml
Norhydrocodone	2.933	3230	195.4	24.1	122.7	66992	13.768 ng/ml ocr
Noroxycodone	2.763	37527	690.1	47.7	250.2	133275	9.935 ng/ml
O-desmethyl-tramadol	3.261	271709	5444.0	6.3	1831.4	1290816	9.844 ng/ml
Oxazepam	5.698	34256	191.2	67.8	2101.9	176903	10.345 ng/ml
Oxymorphone	1.270	73739	∞	43.8	∞	256247	10.043 ng/ml
Phentermine	3.658	46664	299.9	10.3	452.4	598778	9.756 ng/ml
Promethazine	5.488	228711	31353.1	39.3	1874.7	1118783	9.583 ng/ml
Pseudoephedrine	2.415	303324	2759.3	16.1	1513.8	1495580	9.909 ng/ml
Quetiapine	5.559	138434	10284.1	61.4	414980.5	232666	9.660 ng/ml
Sertraline	5.723	60919	9203.8	101.9	2878.6	239725	10.168 ng/ml
Temazepam	5.760	87714	10590.0	28.9	180.1	417045	10.361 ng/ml
Tramadol	4.152	279499	7795.0	3.6	415.0	1261926	9.972 ng/ml
Trazodone	5.328	193175	20934.6	74.7	5216.9	814402	9.997 ng/ml
Venlafaxine	4.944	201897	2229.9	37.6	1815.9	1347869	10.450 ng/ml
Zolpidem	5.074	299124	∞	29.5	7540.1	1369027	10.291 ng/ml

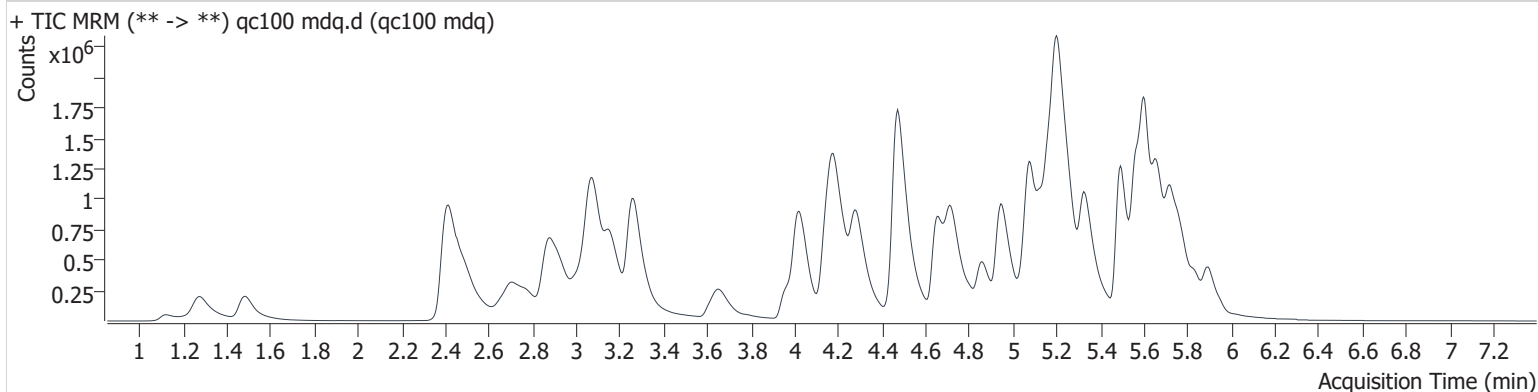
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	5/25/2022 9:25:03 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.044	26971	24935.1	127.3	25522.7	65982	10.196 ng/ml
7-aminoclonazepam	4.197	495216	6925.8	74.0	15635.3	182925	96.139 ng/ml
a-hydroxyalprazolam	5.638	45259	∞	53.6	509.7	90616	83.523 ng/ml
alpha-PHP	4.862	1297169	80780.4	40.3	19204.8	646302	97.625 ng/ml
alpha-PVP	4.287	1764961	213829.0	53.9	36280.3	646302	99.389 ng/ml
Alprazolam	5.718	697519	1418.4	92.2	2272.1	239432	97.078 ng/ml
Amphetamine	2.879	1047544	24560.1	239.4	22296.6	388744	92.576 ng/ml
Benzoylcegonine	3.790	29807	12453.2	56.9	1541.8	9595	97.359 ng/ml
Buprenorphine	5.908	79867	455047.3	15.4	16393.8	114881	9.858 ng/ml
Bupropion	4.722	1600787	129003.1	70.8	12702.3	751015	95.447 ng/ml
Carisoprodol	5.678	283973	∞	67.8	4565.1	135191	95.328 ng/ml
Citalopram	5.136	1237393	64634.2	40.4	27853.6	533742	101.930 ng/ml
Clonazepam	5.560	225780	2734.5	36.1	∞	44215	105.970 ng/ml
Clonazepam	5.501	396096	267074.3	37.8	8921.8	318925	96.767 ng/ml
Cocaine	4.181	1254619	1177747.9	49.8	4087429.8	1016315	98.572 ng/ml
Codeine	2.478	175764	7438.6	89.6	39090.1	72408	105.326 ng/ml
Cyclobenzaprine	5.573	1500632	3686806.6	8.2	7525.3	447848	97.364 ng/ml
Dextromethorphan	5.174	887954	901712.6	78.5	41817.2	362965	100.066 ng/ml
Dextrophan	4.022	1090010	18330.5	45.4	∞	523663	99.025 ng/ml
Diazepam	5.896	503239	1381766863 6418.1	85.6	∞	221923	105.517 ng/ml
Dihydrocodeine	2.422	451409	1044.6	61.7	1128.8	260780	106.520 ng/ml
Diphenhydramine	5.206	3883471	429191.0	32.1	2851730.2	2064607	104.329 ng/ml
Doxylamine	4.472	4143454	134899.5	78.8	133427.9	1550251	98.014 ng/ml
EDDP	5.174	1663222	∞	43.9	∞	869730	94.296 ng/ml
Etizolam	5.764	348780	∞	24.2	∞	221923	104.742 ng/ml
Fentanyl	5.083	140843	34056.1	113.3	∞	720644	10.392 ng/ml
Flualprazolam	5.654	299009	2967.8	94.2	11356.6	239432	108.883 ng/ml
Fluoxetine	5.660	1382403	697531.9	6.9	87719.1	491080	102.925 ng/ml
Hydrocodone	2.927	459754	1978.2	37.1	8593.7	261013	94.380 ng/ml
Hydromorphone	1.483	447937	3612.9	72.9	1460.1	138680	99.396 ng/ml
Ketamine	4.018	1131344	38772758.2	37.7	11063.0	551817	103.488 ng/ml
Lamotrigine	4.204	106227	∞	87.2	140183.3	308318	107.611 ng/ml

AM #28 Multi-Drug Quant. Results

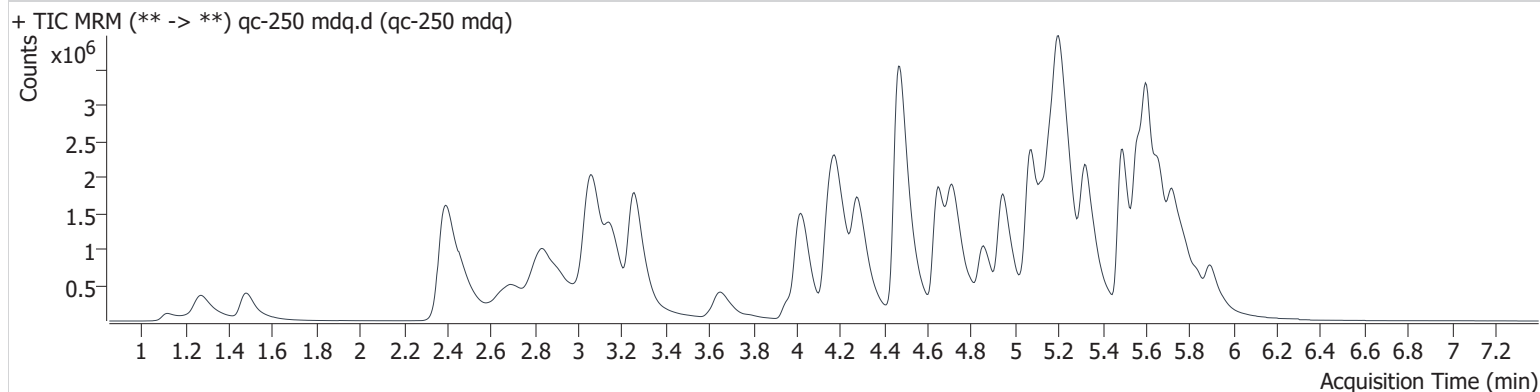
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.506	206236	3580.5	152.7	9976.3	1482935	101.081 ng/ml
Lorazepam	5.696	78855	∞	44.5	∞	90616	102.560 ng/ml
MDA	3.052	1236654	31684.2	27.9	4314.2	308318	114.327 ng/ml
MDMA	3.159	1124412	∞	97.0	88421.1	102829	106.797 ng/ml
Meprobamate	4.821	240149	800375.2	31.6	6716.5	86728	99.471 ng/ml
Methadone	5.602	2427003	39610.7	54.8	∞	1030894	99.627 ng/ml
Methamphetamine	3.079	2310947	277.2	40.9	235.0	985857	102.434 ng/ml
Metoprolol	4.239	261425	47177.3	103.6	∞	308318	97.925 ng/ml
Mirtazapine	4.654	2624156	192730.2	49.1	229648.8	1030894	97.541 ng/ml
Mitragynine	5.223	498679	5882274.4	34.0	76344.9	1482935	99.067 ng/ml
Morphine	1.122	80604	1559.3	23.1	1431.1	10984	100.533 ng/ml
Norbuprenorphine	4.916	10149	49112.3	96.5	5288.3	22372	9.538 ng/ml
Nordiazepam	5.840	354823	∞	62.5	∞	121656	101.485 ng/ml
Norfentanyl	3.982	86127	17228.2	36.3	510888.8	1039660	10.917 ng/ml
Norhydrocodone	2.938	42622	1006.9	31.8	674.6	72521	96.852 ng/ml
Noroxycodone	2.758	329070	∞	47.2	∞	120784	96.457 ng/ml
O-desmethyl-tramadol	3.266	2921863	∞	6.5	8010.0	1398061	97.762 ng/ml
Oxazepam	5.698	175349	22205.0	69.6	455.6	90616	102.030 ng/ml
Oxymorphone	1.275	738667	∞	44.2	∞	259527	100.300 ng/ml
Phentermine	3.658	504619	1083.6	8.7	980.6	625990	100.823 ng/ml
Promethazine	5.493	2429868	1978502.4	39.2	301695.3	1142985	99.961 ng/ml
Pseudoephedrine	2.415	3042450	24846.1	16.3	15152.1	1482935	98.703 ng/ml
Quetiapine	5.564	1377247	1045665.4	61.5	2234532.2	231692	101.230 ng/ml
Sertraline	5.729	545388	390461.5	101.0	152654.1	221678	99.095 ng/ml
Temazepam	5.766	664660	6968.3	29.8	1076.7	318925	90.349 ng/ml
Tramadol	4.152	2907002	∞	3.7	1645.6	1303986	103.853 ng/ml
Trazodone	5.328	1999995	∞	79.7	∞	840833	97.108 ng/ml
Venlafaxine	4.949	2127374	459484.0	38.3	19034.6	1402132	100.755 ng/ml
Zolpidem	5.079	3147169	∞	29.1	∞	1442229	103.435 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 Data File qc-250 mdq.d
Type QC Sample qc-250 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-C2 Comment
Injection Volume 3
Acq. Date-Time 5/25/2022 5:22:00 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	47318	∞	139.3	193824.2	49475	23.891 ng/ml
7-aminoclonazepam	4.197	837223	14223.5	75.0	9440.4	119974	247.259 ng/ml
a-hydroxyalprazolam	5.633	71741	835.5	60.4	∞	43233	201.442 ng/ml
alpha-PHP	4.857	2983502	61727.0	39.7	42048.9	570410	253.956 ng/ml
alpha-PVP	4.282	3967852	122797.9	52.9	378466.9	570410	252.852 ng/ml
Alprazolam	5.718	1302453	2678.2	93.0	7339.3	177020	243.925 ng/ml
Amphetamine	2.833	2072047	164625.6	232.5	24881.6	291433	243.587 ng/ml
Benzoylcegonine	3.790	70044	59799.3	55.0	3439.1	8398	262.894 ng/ml
Buprenorphine	5.903	195107	139122.5	15.7	16079.7	108620	25.383 ng/ml
Bupropion	4.717	3706186	57886704.8	68.9	24854.8	682819	242.222 ng/ml
Carisoprodol	5.678	480442	562139.2	68.7	31962.9	90397	240.601 ng/ml
Citalopram	5.130	2477149	27446.6	40.8	15224.7	420003	259.095 ng/ml
Clonazepam	5.555	346306	10976.5	34.4	23913.6	26055	276.971 ng/ml
Clonazepam	5.507	703293	∞	38.1	99111.5	222141	243.884 ng/ml
Cocaine	4.176	2632730	289185.6	50.1	675860.3	848420	248.081 ng/ml
Codeine	2.443	310334	15891.3	92.4	12276.0	55314	243.331 ng/ml
Cyclobenzaprine	5.573	3080039	149699.0	8.4	244692.0	372255	240.478 ng/ml
Dextromethorphan	5.174	1828230	16801.2	76.1	39036.3	296704	251.666 ng/ml
Dextrophan	4.022	2349597	209679.0	45.1	1728542.8	439269	253.572 ng/ml
Diazepam	5.896	1113140	8835.0	86.8	3865.2	195646	264.632 ng/ml
Dihydrocodeine	2.361	936630	556.4	60.6	621.6	223144	259.057 ng/ml
Diphenhydramine	5.206	8106367	1247839.5	31.7	88287.5	1678257	267.520 ng/ml
Doxylamine	4.472	9508768	100011.5	78.2	122950.0	1402602	248.474 ng/ml
EDDP	5.174	3896747	101614.7	43.8	110733.1	806569	238.161 ng/ml
Etizolam	5.764	718370	14405.7	25.2	∞	195646	245.166 ng/ml
Fentanyl	5.083	305323	∞	113.1	243605.0	600626	27.120 ng/ml
Flualprazolam	5.654	554082	2131.5	92.4	3877.8	177020	273.411 ng/ml
Fluoxetine	5.660	2556959	349731.2	7.2	380523.6	374950	249.309 ng/ml
Hydrocodone	2.912	963295	∞	39.0	1332.6	210956	244.801 ng/ml
Hydromorphone	1.483	961703	2980.3	72.3	2273.4	119129	248.518 ng/ml
Ketamine	4.013	2354838	∞	38.1	18944.1	469492	253.811 ng/ml
Lamotrigine	4.209	198758	13812.1	89.3	161064.0	237099	261.575 ng/ml
Levetiracetam	2.481	400907	17797.1	152.8	32517.6	1217050	240.121 ng/ml

AM #28 Multi-Drug Quant. Results

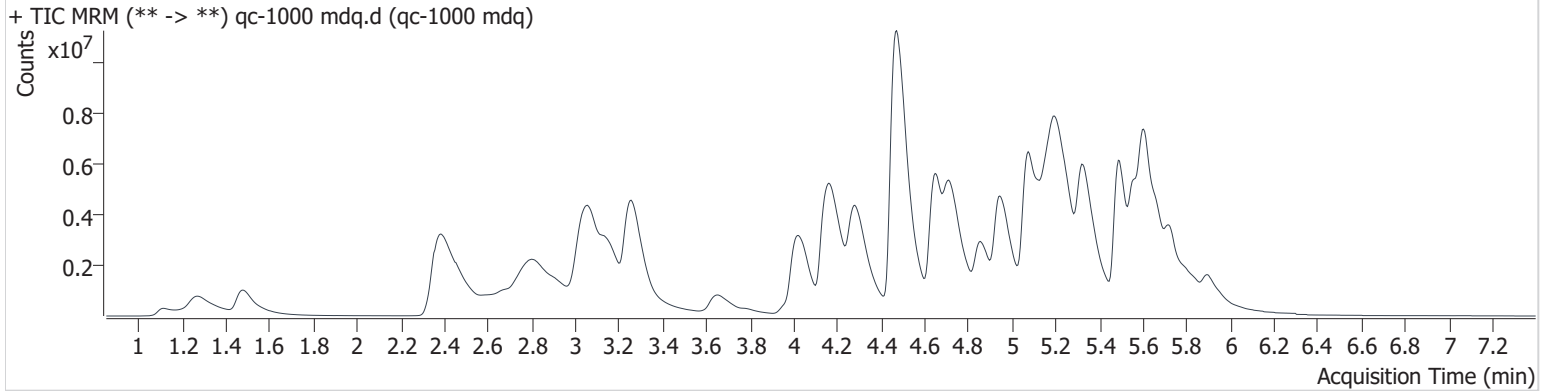
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	105170	∞	50.0	∞	43233	287.654 ng/ml
MDA	3.037	2164209	31900.7	27.7	6961.0	237099	260.500 ng/ml
MDMA	3.154	2359574	227766.3	97.9	332238.0	86290	267.611 ng/ml
Meprobamate	4.821	470939	335685.7	29.9	4909.2	65142	261.480 ng/ml
Methadone	5.608	5445914	29331.2	53.0	35457.6	899444	255.929 ng/ml
Methamphetamine	3.068	4993544	490.3	40.1	372.3	880526	250.933 ng/ml
Metoprolol	4.239	551137	40941.1	96.4	7862.4	237099	265.941 ng/ml
Mirtazapine	4.648	5852118	∞	48.0	205991.0	899444	248.658 ng/ml
Mitragynine	5.223	1027106	225635.9	33.4	∞	1217050	248.419 ng/ml
Morphine	1.117	178766	14530.3	22.8	4661.3	9721	252.329 ng/ml
Norbuprenorphine	4.906	22552	27781.8	90.2	10972.5	18528	25.057 ng/ml
Nordiazepam	5.845	654938	∞	62.0	∞	93654	243.461 ng/ml
Norfentanyl	3.977	176683	41988.6	37.8	201502.5	915994	25.548 ng/ml
Norhydrocodone	2.923	105490	1589.1	33.3	1015.0	65351	254.932 ng/ml
Noroxycodone	2.737	723399	∞	39.5	8407.1	100045	256.060 ng/ml
O-desmethyl-tramadol	3.256	6635227	141133.8	6.2	∞	1246227	249.060 ng/ml
Oxazepam	5.698	203459	∞	70.7	557.6	43233	247.920 ng/ml
Oxymorphone	1.270	1555969	∞	43.4	∞	221113	248.144 ng/ml
Phentermine	3.653	1063507	4470.6	8.8	3056.6	527017	252.378 ng/ml
Promethazine	5.488	5556552	1103133.2	37.3	365936.8	1020736	256.016 ng/ml
Pseudoephedrine	2.400	6329982	31347.5	16.2	34634.9	1217050	249.963 ng/ml
Quetiapine	5.559	2746503	381251.8	62.3	∞	193277	242.726 ng/ml
Sertraline	5.729	1061234	47858.7	98.2	61549.7	168865	253.246 ng/ml
Temazepam	5.771	1149633	11592.9	29.2	1268.6	222141	222.309 ng/ml
Tramadol	4.152	6332799	171593.8	3.6	5458.7	1193271	247.762 ng/ml
Trazodone	5.323	4485747	∞	78.0	157765.8	725189	251.977 ng/ml
Venlafaxine	4.944	4845134	139304.3	37.8	39095.2	1250651	256.397 ng/ml
Zolpidem	5.074	6982784	158373.6	29.0	75323.0	1265227	261.714 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 Data File qc-1000 mdq.d
Type QC Sample qc-1000 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-D2 Comment
Injection Volume 3
Acq. Date-Time 5/25/2022 5:31:02 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.028	89706	73455.4	135.2	11816.9	22934	97.790 ng/ml
7-aminoclonazepam	4.197	1073849	48400.8	78.6	35280.6	35623	1066.923 ng/ml
a-hydroxyalprazolam	5.638	86882	916.9	57.8	398.9	9441	968.256 ng/ml
alpha-PHP	4.857	9748277	∞	39.4	165881.3	440115	1074.511 ng/ml
alpha-PVP	4.287	13098698	189295.9	50.8	158920.3	440115	1081.167 ng/ml
Alprazolam	5.723	2603653	8834.5	92.1	6233.5	86081	1000.186 ng/ml
Amphetamine	2.808	4996797	79809.5	222.3	71806.7	153263	1115.515 ng/ml
Benzoylcegonine	3.790	298547	455795.0	54.0	12295.5	9145	1031.559 ng/ml
Buprenorphine	5.908	637255	∞	15.8	58030.4	87910	102.270 ng/ml
Bupropion	4.722	12240051	1204308.2	66.4	184684.3	524409	1039.837 ng/ml
Carisoprodol	5.678	742855	1844961.1	62.7	33821.5	30117	1115.181 ng/ml
Citalopram	5.130	4764338	65584.4	42.7	14065.2	213514	979.852 ng/ml
Clonazepam	5.550	247839	43144.6	34.5	192104.1	5993	863.351 ng/ml
Clonazepam	5.517	829956	152386.2	36.9	∞	65139	976.045 ng/ml
Cocaine	4.176	7287568	165222.4	50.1	319380.5	592260	984.305 ng/ml
Codeine	2.432	655989	14515.1	99.0	37139.7	29547	962.647 ng/ml
Cyclobenzaprine	5.567	6301915	63732.5	8.5	16395.3	190963	959.264 ng/ml
Dextromethorphan	5.169	4193574	22491.1	76.9	23385.0	158629	1078.928 ng/ml
Dextrophan	4.028	6777141	101577.8	44.8	41161.5	317054	1011.625 ng/ml
Diazepam	5.896	2869713	9174.4	87.1	∞	128121	1041.575 ng/ml
Dihydrocodeine	2.340	2479161	3100.0	62.2	472.6	175819	871.523 ng/ml
Diphenhydramine	5.211	18815257	119335.9	30.9	15632.1	951885	1093.978 ng/ml
Doxylamine	4.472	34685389	∞	82.9	248478.1	1246108	1019.923 ng/ml
EDDP	5.168	14098319	230340.3	42.8	79757.4	691743	1004.557 ng/ml
Etizolam	5.764	1855093	41120.0	25.4	7678.7	128121	967.790 ng/ml
Fentanyl	5.083	715511	527792.4	119.6	∞	370893	103.078 ng/ml
Flualprazolam	5.654	974390	7499.0	88.6	∞	86081	989.639 ng/ml
Fluoxetine	5.665	4593463	203314.0	6.6	∞	167569	1002.092 ng/ml
Hydrocodone	2.907	3219410	∞	35.9	7603.4	168586	1024.025 ng/ml
Hydromorphone	1.478	2949173	3320.4	72.9	2234.4	91398	993.533 ng/ml
Ketamine	4.013	6044211	504810.3	37.3	41945.4	324355	944.160 ng/ml
Lamotrigine	4.209	352251	4267.5	89.6	44829.7	106452	1032.006 ng/ml
Levetiracetam	2.470	1030546	97752.8	152.5	47159.1	732548	1027.149 ng/ml

AM #28 Multi-Drug Quant. Results

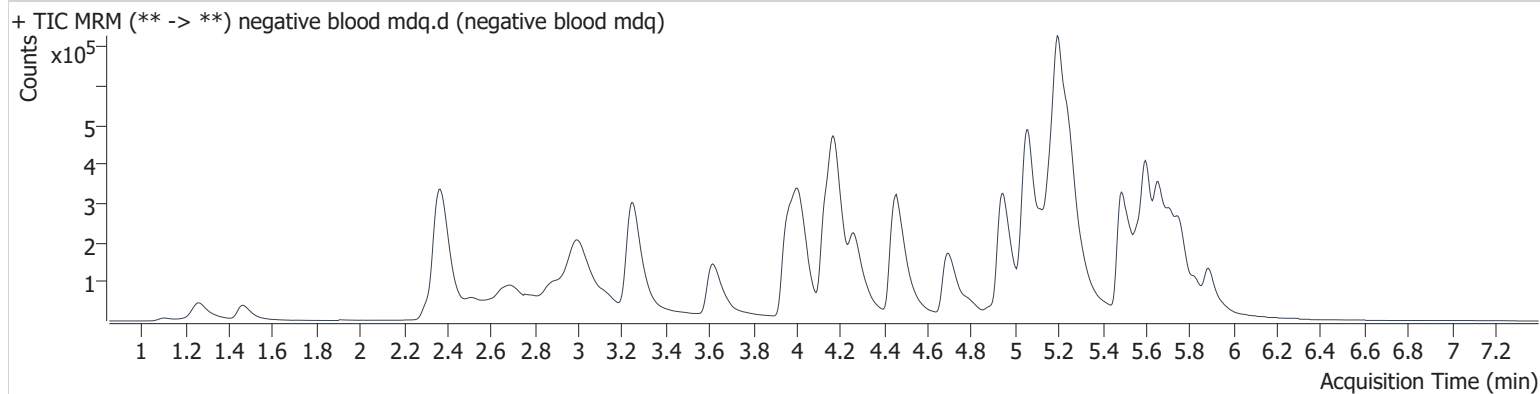
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.		
Lorazepam	5.696	134273	∞	41.8	23953.4	9441	1684.283	ng/ml	ocr
MDA	3.016	3177498	82823.2	27.6	14369.0	106452	852.440	ng/ml	
MDMA	3.154	6507942	208468.8	96.5	92057.7	60516	1053.515	ng/ml	
Meprobamate	4.816	767262	70819.8	29.9	123684.2	35974	773.574	ng/ml	
Methadone	5.608	17357767	∞	49.6	661012.6	683474	1072.888	ng/ml	
Methamphetamine	3.058	13448522	370.9	39.3	301.1	719167	832.479	ng/ml	
Metoprolol	4.239	1084835	101162.5	97.3	496295.4	106452	1161.028	ng/ml	
Mirtazapine	4.648	17970342	502143.2	47.3	245603.1	683474	1003.555	ng/ml	
Mitragynine	5.223	2642487	18048.7	35.6	27756.3	732548	1061.394	ng/ml	
Morphine	1.112	564526	62946.1	22.8	3042.1	8074	960.068	ng/ml	
Norbuprenorphine	4.906	56483	44912.2	92.3	41166.9	11140	103.369	ng/ml	
Nordiazepam	5.845	928394	∞	51.1	15374.8	29021	1114.041	ng/ml	
Norfentanyl	3.972	509000	52322.7	36.8	95789.6	799886	84.508	ng/ml	
Norhydrocodone	2.923	325377	2775.9	35.6	1273.9	49961	1009.296	ng/ml	
Noroxycodone	2.742	1924783	∞	40.7	4378.1	65676	1037.975	ng/ml	
O-desmethyl-tramadol	3.256	22930536	435774.2	6.1	57546.6	1054437	1017.283	ng/ml	
Oxazepam	5.698	193428	2751.8	71.3	677.9	9441	1078.784	ng/ml	
Oxymorphone	1.270	4422278	∞	43.8	∞	163797	952.353	ng/ml	
Phentermine	3.658	2951258	4370.3	8.2	15965.8	414931	889.518	ng/ml	
Promethazine	5.488	17607198	∞	35.3	534578.2	780487	1061.063	ng/ml	
Pseudoephedrine	2.390	16470042	18940.6	15.7	6345.3	732548	1079.980	ng/ml	
Quetiapine	5.553	5916986	278336.0	60.9	∞	116751	867.029	ng/ml	
Sertraline	5.729	2079704	633628.9	99.0	189200.6	80466	1041.737	ng/ml	
Temazepam	5.781	1660981	39792.7	27.8	∞	65139	1089.905	ng/ml	
Tramadol	4.146	19127903	329931.8	3.5	17479.4	962128	929.196	ng/ml	
Trazodone	5.328	14022980	306378.9	76.5	556488.1	493573	1156.104	ng/ml	
Venlafaxine	4.949	16402101	172141.7	35.9	52882.7	935309	1158.645	ng/ml	
Zolpidem	5.074	22462075	∞	28.2	2372280.1	1046175	1018.363	ng/ml	

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	5/25/2022 5:49:07 PM		
Sample Info.			

Sample Chromatogram

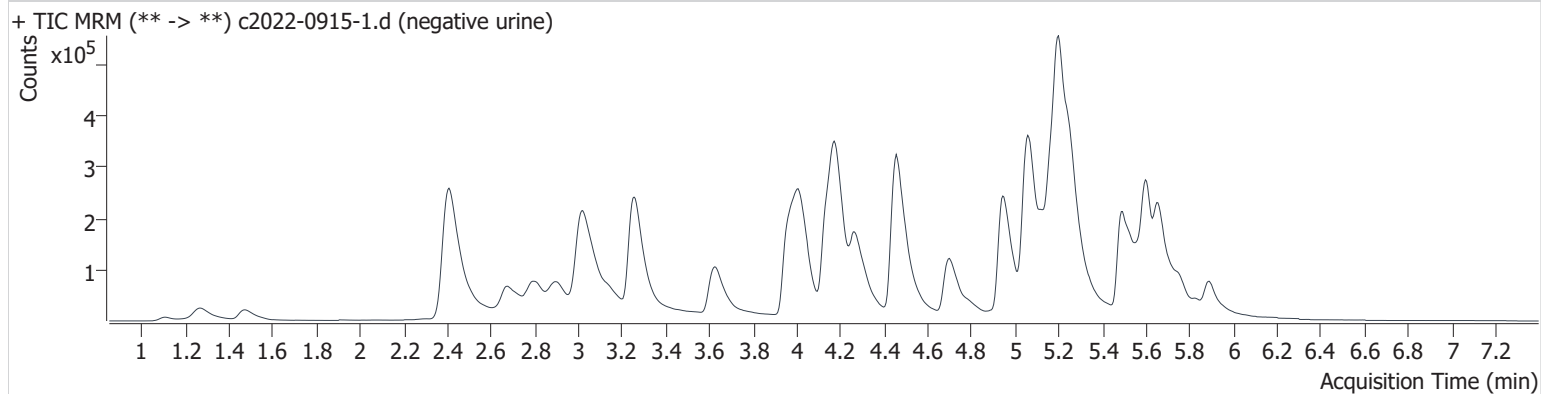


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument	69679	Data File	c2022-0915-1.d
Type	Sample	Sample	negative urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-G6	Comment	
Injection Volume	3		
Acq. Date-Time	5/25/2022 7:28:30 PM		
Sample Info.			

Sample Chromatogram

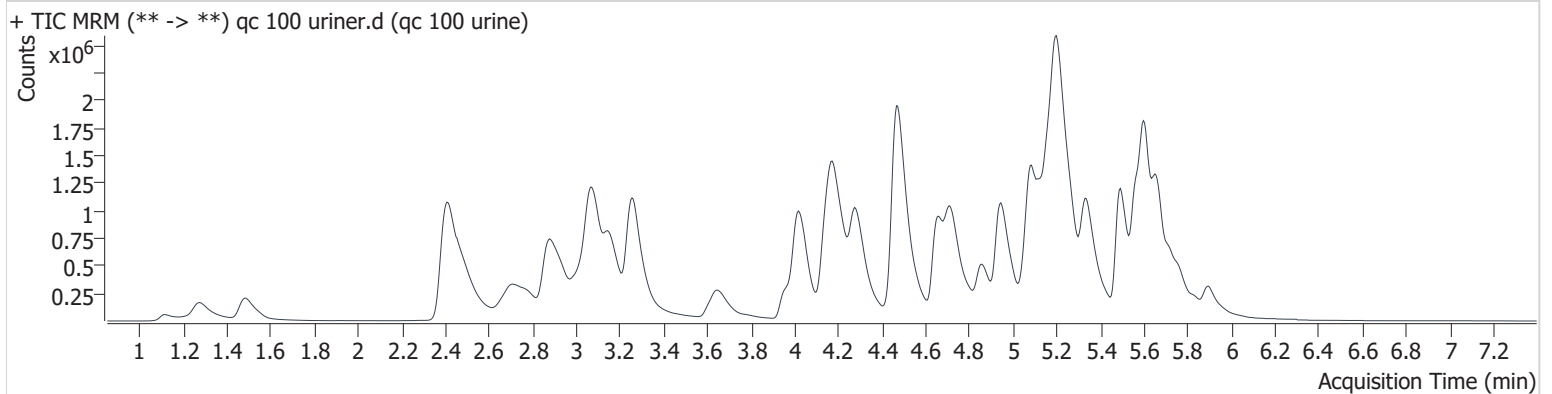


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 **Data File** qc 100 uriner.d
Type Sample **Sample** qc 100 urine
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-E2 **Comment**
Injection Volume 3
Acq. Date-Time 5/26/2022 9:50:41 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.038	27967	∞	132.9	135831.7	65724	10.615 ng/ml
7-aminoclonazepam	4.197	481253	∞	76.0	12241.7	178448	95.773 ng/ml
a-hydroxyalprazolam	5.638	27882	829.2	62.3	∞	26621	139.221 ng/ml
alpha-PHP	4.862	1350832	71215.2	41.5	14717.6	738218	89.030 ng/ml
alpha-PVP	4.287	2006325	633251.9	53.5	22627.7	738218	98.915 ng/ml
Alprazolam	5.718	420460	1091.7	92.1	∞	142020	98.643 ng/ml
Amphetamine	2.879	1101105	8193.0	240.4	44573.6	414658	91.235 ng/ml
Benzoylcegonine	3.784	37266	4051.3	56.1	1272.8	11686	99.971 ng/ml
Buprenorphine	5.908	82729	3781.4	16.0	∞	109235	10.734 ng/ml
Bupropion	4.722	1708999	23340.9	69.8	6335.2	794528	96.314 ng/ml
Carisoprodol	5.673	217945	∞	67.8	18113.9	106561	92.830 ng/ml
Citalopram	5.136	1324211	17285.2	41.0	18820.0	581094	100.195 ng/ml
Clonazepam	5.555	79276	51242.7	36.3	∞	15118	108.838 ng/ml
Clonazepam	5.501	189330	203232.1	38.0	35958.4	147801	99.750 ng/ml
Cocaine	4.176	1280204	569223.5	49.8	335934.5	1035233	98.745 ng/ml
Codeine	2.478	187177	149781.9	92.1	6354.2	77294	105.076 ng/ml
Cyclobenzaprine	5.573	1337324	22348.9	8.6	1775.3	417009	93.183 ng/ml
Dextromethorphan	5.174	989239	7335.7	76.4	9368.4	403905	100.180 ng/ml
Dextrophan	4.028	1248472	17744.0	44.7	39302.5	600821	98.856 ng/ml
Diazepam	5.896	352891	1854.6	87.2	3725.3	155507	105.594 ng/ml
Dihydrocodeine	2.422	500823	2791.2	61.8	1913.2	284793	108.224 ng/ml
Diphenhydramine	5.206	4245029	188015.1	32.1	100290.0	2271860	103.640 ng/ml
Doxylamine	4.472	4752758	1155182.8	79.2	∞	1777368	98.061 ng/ml
EDDP	5.174	1977038	24166.7	43.6	∞	1032032	94.460 ng/ml
Etizolam	5.764	268321	∞	25.0	∞	155507	115.028 ng/ml
Fentanyl	5.083	152525	81589.9	116.4	78422.3	779116	10.410 ng/ml
Flualprazolam	5.654	248557	939.7	91.7	6507.3	142020	152.729 ng/ml
Fluoxetine	5.660	1212036	362781.9	6.8	59292.5	446933	99.155 ng/ml
Hydrocodone	2.927	538715	∞	36.6	2039.7	311553	92.648 ng/ml
Hydromorphone	1.488	471320	4771.1	72.7	5991.3	148123	97.917 ng/ml
Ketamine	4.023	1230100	216564.2	38.6	4610.0	606587	102.356 ng/ml
Lamotrigine	4.209	115053	8275.8	91.5	37617.0	329151	109.173 ng/ml
Levetiracetam	2.501	208888	5348.6	153.2	11237.8	1705812	88.943 ng/ml

AM #28 Multi-Drug Quant. Results

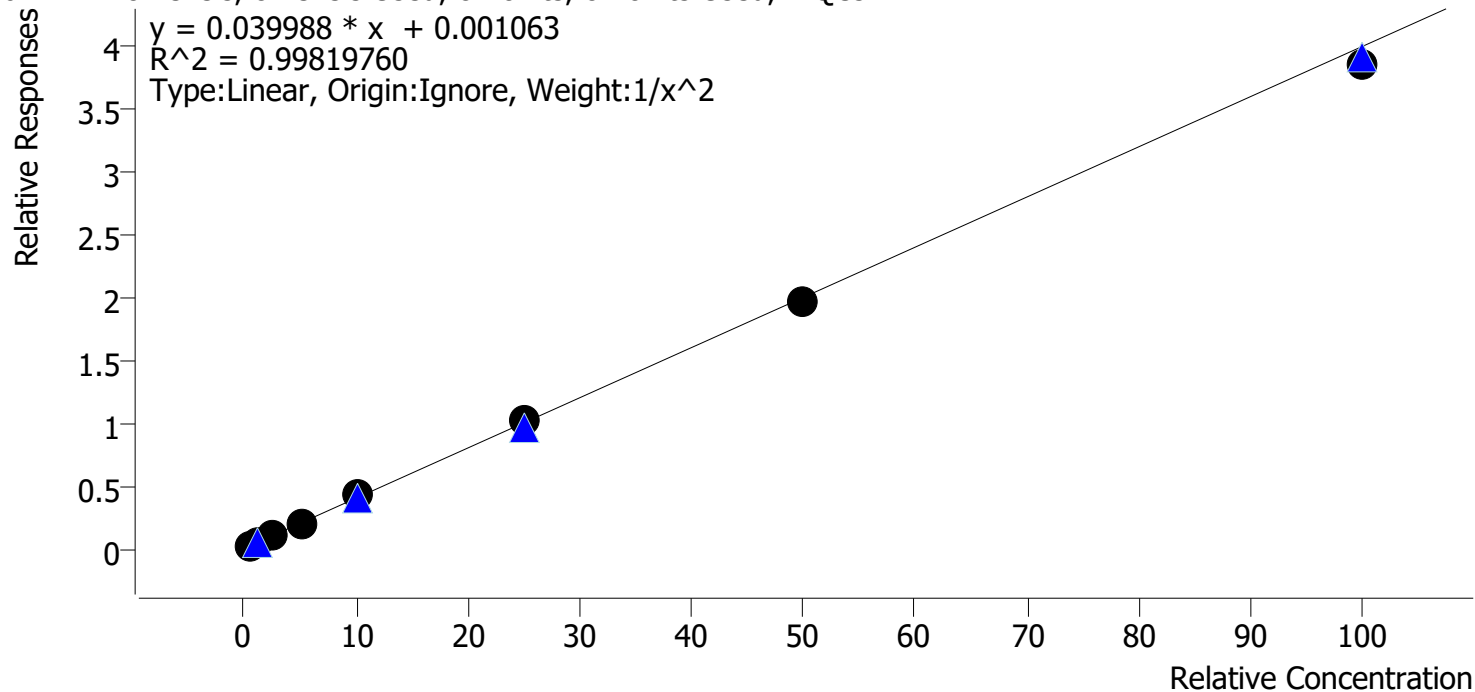
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.686	32679	∞	44.1	169.0	26621	144.893 ng/ml
MDA	3.052	1175828	26676.3	28.8	12900.3	329151	101.795 ng/ml
MDMA	3.159	1222565	49141.9	98.0	22405.3	126935	94.024 ng/ml
Meprobamate	4.816	193259	143025.4	29.4	1708.0	69327	100.149 ng/ml
Methadone	5.608	2482355	487650.4	54.5	22021.9	1072907	97.912 ng/ml
Methamphetamine	3.079	2501224	290.8	40.5	324.2	1048724	104.260 ng/ml
Metoprolol	4.239	288154	26960.6	101.8	4511.0	329151	101.058 ng/ml
Mirtazapine	4.654	2953033	100726.4	48.4	∞	1072907	105.433 ng/ml
Mitragynine	5.223	600084	261069.7	32.8	94042.9	1705812	103.630 ng/ml
Morphine	1.117	92935	7372.0	22.8	789.6	13258	96.022 ng/ml
Norbuprenorphine	4.916	10721	33725.8	89.0	9738.4	22477	10.012 ng/ml
Nordiazepam	5.845	124168	∞	62.4	108692.6	43431	99.477 ng/ml
Norfentanyl	3.977	89805	∞	38.1	14221.2	1129692	10.473 ng/ml
Norhydrocodone	2.938	32515	10286.9	29.0	258.5	68265	79.695 ng/ml
Noroxycodone	2.763	356055	4678.7	47.2	∞	133975	94.090 ng/ml
O-desmethyl-tramadol	3.261	3233378	118329.4	6.5	5558.2	1555547	97.232 ng/ml
Oxazepam	5.692	47440	832.2	77.5	116.0	26621	93.973 ng/ml
Oxymorphone	1.275	584412	∞	44.7	∞	207016	99.483 ng/ml
Phentermine	3.658	552578	994.0	8.9	1194.9	664399	104.022 ng/ml
Promethazine	5.493	2417301	6544636.0	38.6	53766.7	1162537	97.771 ng/ml
Pseudoephedrine	2.410	3522401	17498.4	16.5	∞	1705812	99.342 ng/ml
Quetiapine	5.564	1395148	1469671.5	62.1	1249973.1	243532	97.541 ng/ml
Sertraline	5.729	274898	320286.2	95.4	11642.8	114634	96.588 ng/ml
Temazepam	5.766	314271	13493.4	30.3	∞	147801	92.153 ng/ml
Tramadol	4.152	3236846	308906.0	3.6	1690.3	1471397	102.475 ng/ml
Trazodone	5.338	2150893	146469.6	79.5	29889.6	931002	94.330 ng/ml
Venlafaxine	4.944	2436586	∞	37.6	5018.5	1564775	103.390 ng/ml
Zolpidem	5.084	3495073	165875.3	29.0	157499.9	1586640	104.415 ng/ml

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 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, 4 QCs

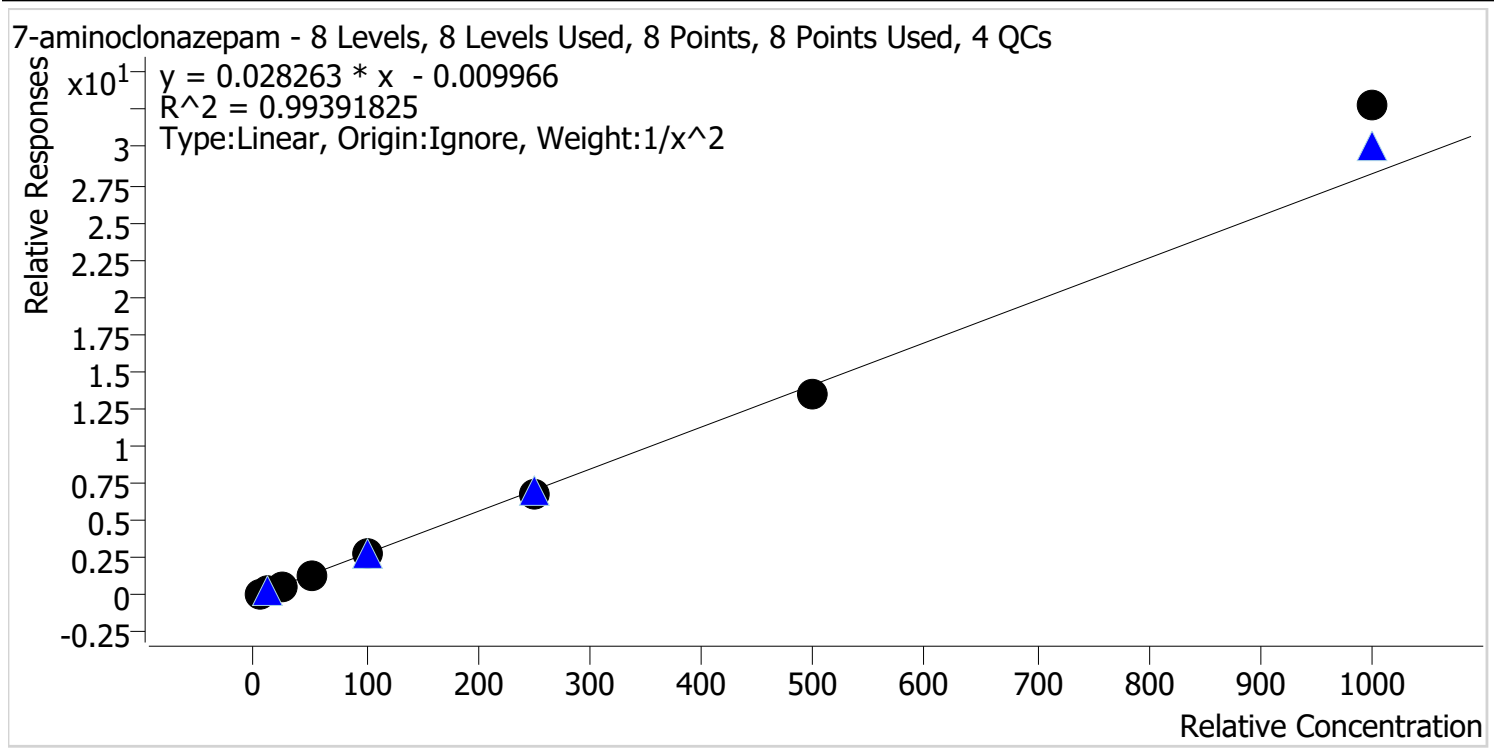


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.2
cal 2 mdqr	2	✓	1.0	1.0	95.7
cal 3 mdq	3	✓	2.5	2.4	96.7
cal 4 mdq	4	✓	5.0	5.2	103.5
cal 5 mdq	5	✓	10.0	10.6	105.9
cal 6 mdq	6	✓	25.0	25.2	101.0
cal 7 mdq	7	✓	50.0	49.2	98.4
cal 8 mdq	8	✓	100.0	96.7	96.7

Compound Calibration Report

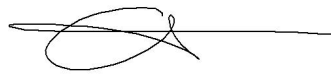


Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

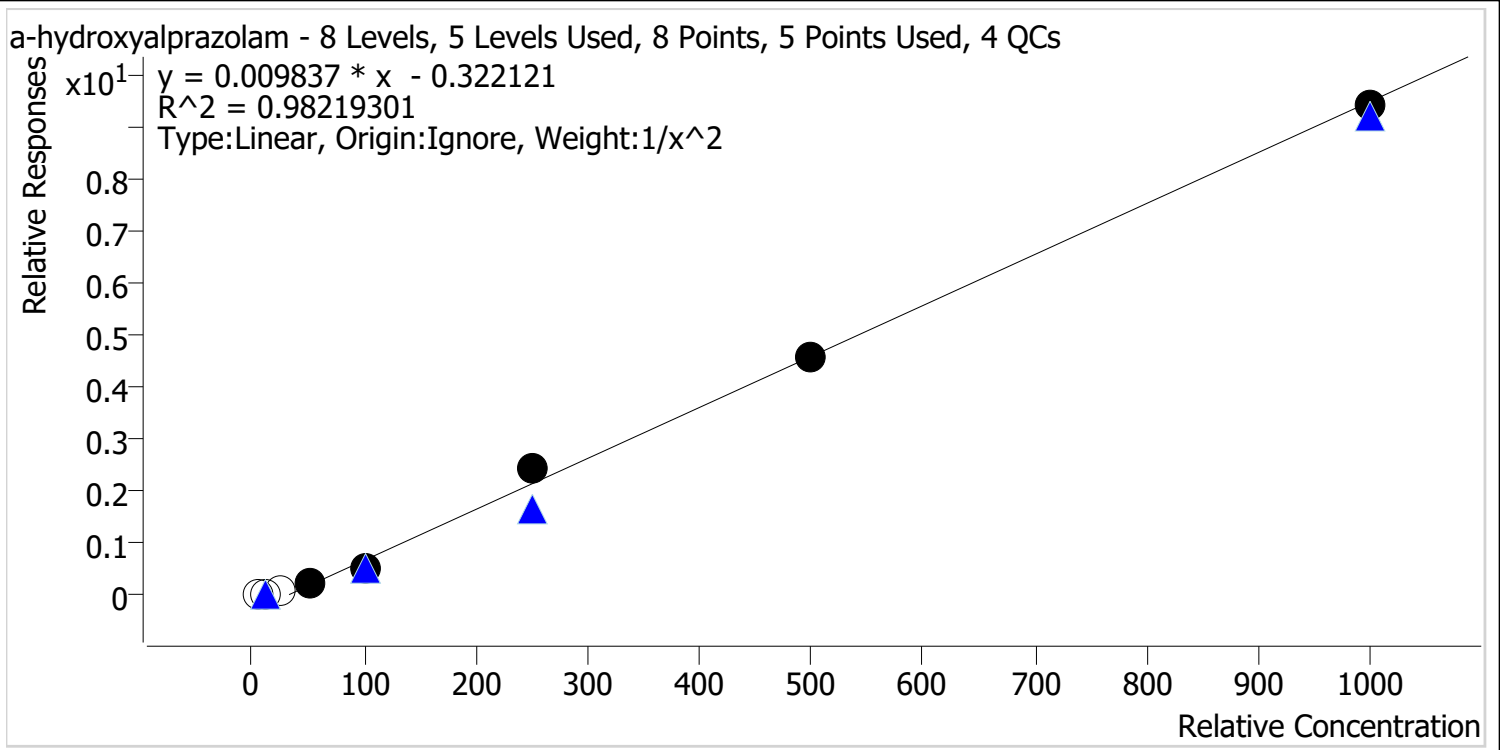


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	240.4	96.2
cal 7 mdq	7	✓	500.0	482.1	96.4
cal 8 mdq	8	✓	1000.0	1161.3	116.1

Compound Calibration Report



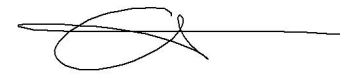
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	34.6	692.0
cal 2 mdqr	2	x	10.0	36.6	366.5
cal 3 mdq	3	x	25.0	42.8	171.1
cal 4 mdq	4	✓	50.0	52.9	105.7
cal 5 mdq	5	✓	100.0	84.1	84.1
cal 6 mdq	6	✓	250.0	279.9	111.9
cal 7 mdq	7	✓	500.0	495.4	99.1
cal 8 mdq	8	✓	1000.0	992.0	99.2

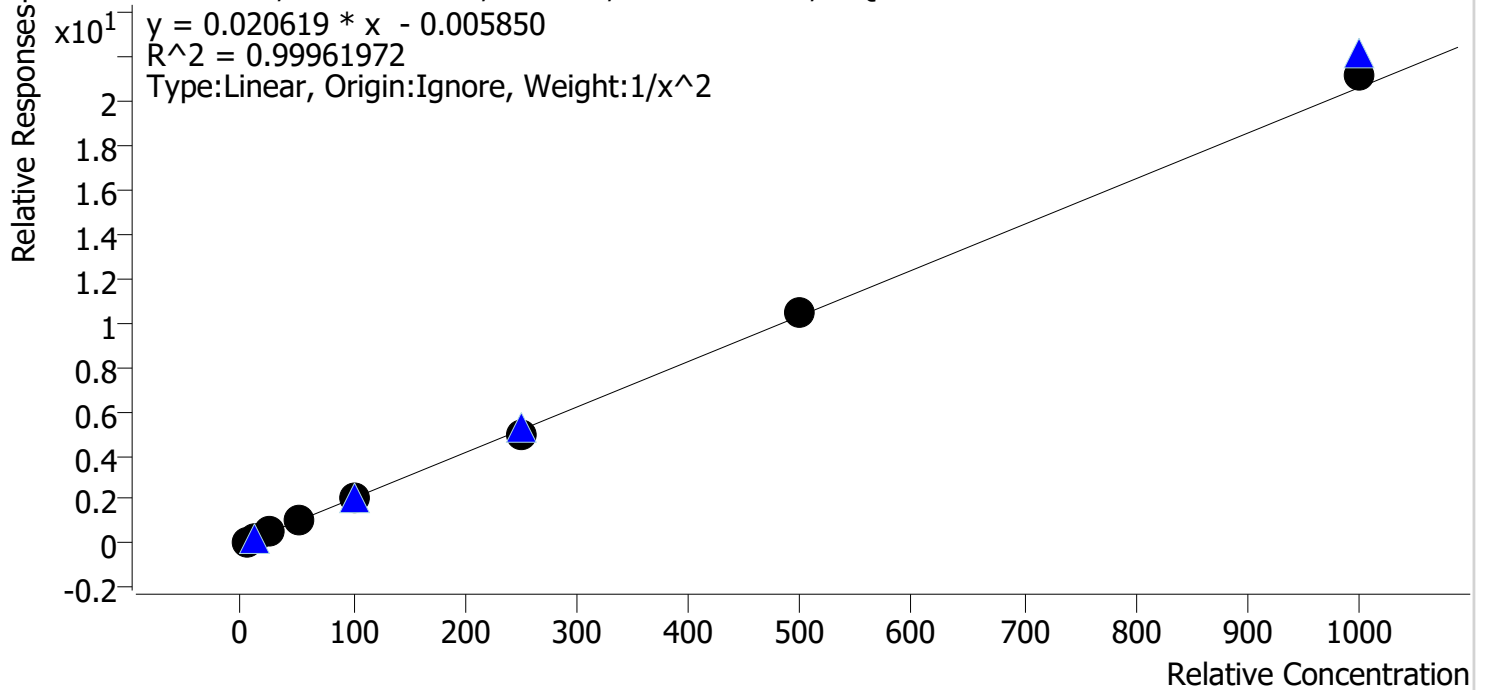
dropped cal 1,2,3 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 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, 4 QCs



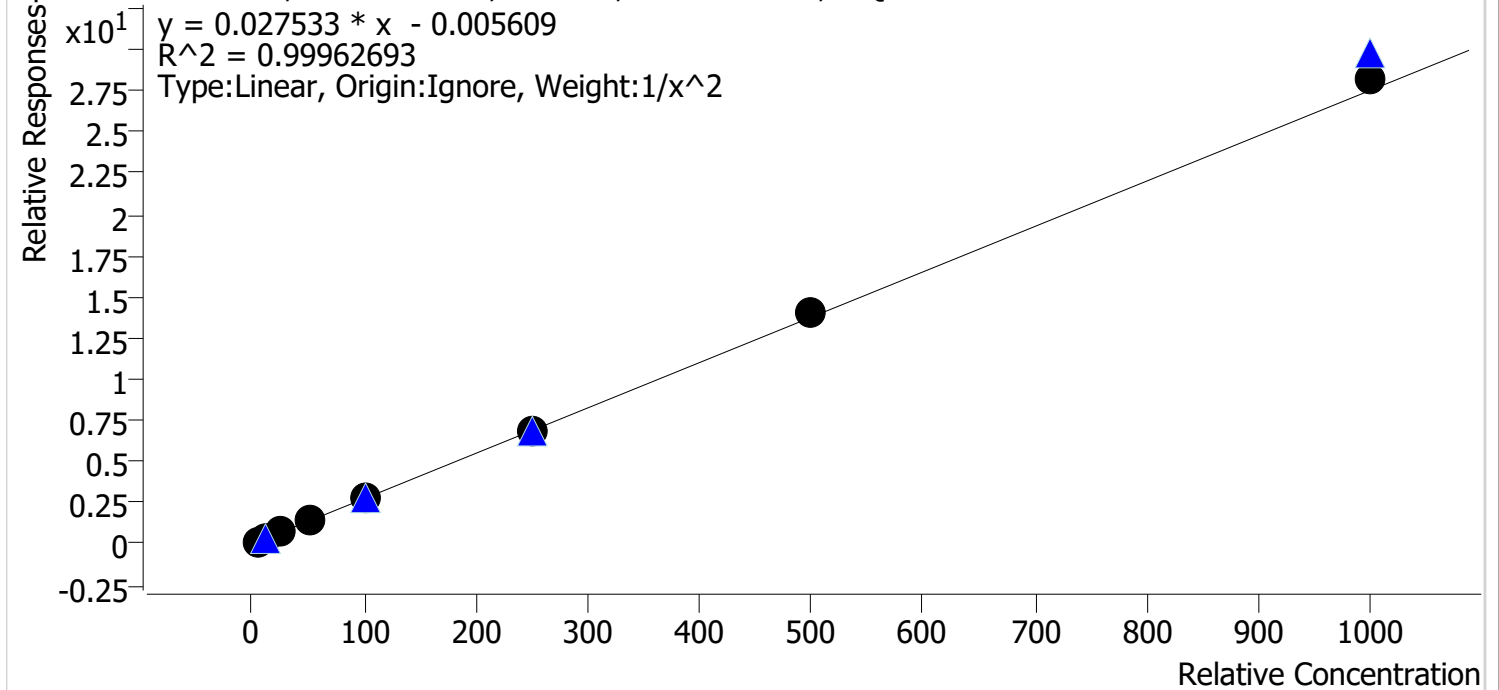
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdqr	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	242.5	97.0
cal 7 mdq	7	✓	500.0	508.3	101.7
cal 8 mdq	8	✓	1000.0	1023.4	102.3

Compound Calibration Report



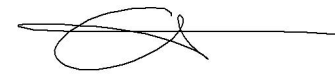
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

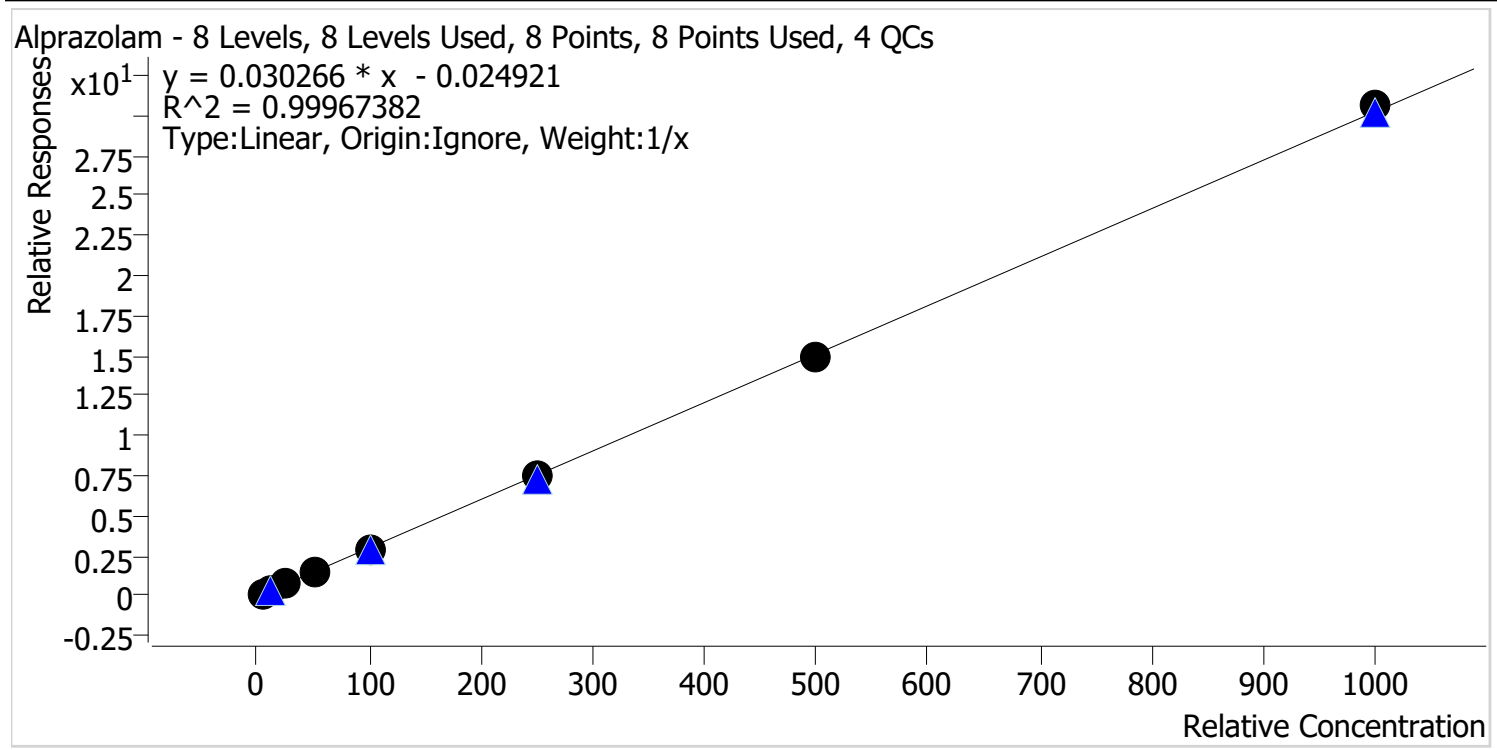


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdqr	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	508.8	101.8
cal 8 mdq	8	✓	1000.0	1025.1	102.5

Compound Calibration Report

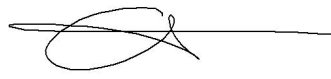


Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



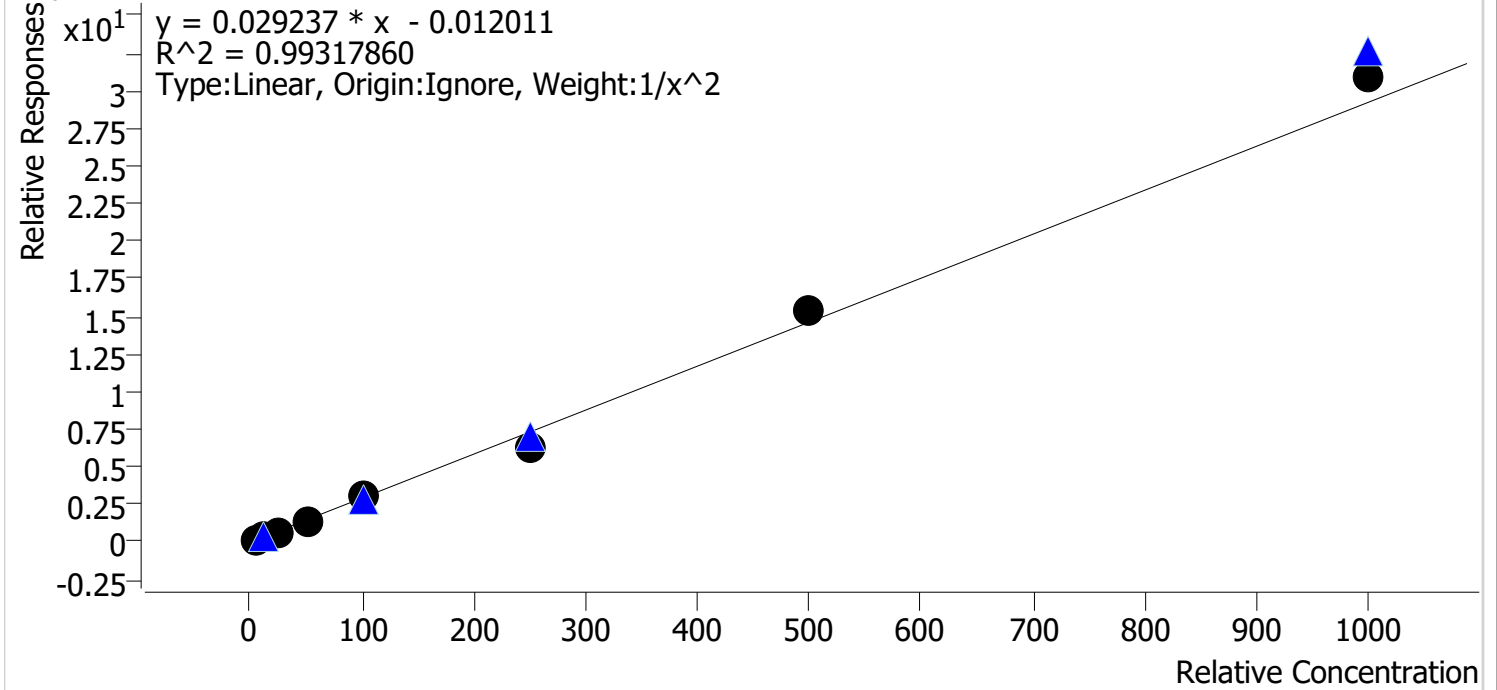
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	110.7
cal 2 mdqr	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	47.5	95.1
cal 5 mdq	5	✓	100.0	95.7	95.7
cal 6 mdq	6	✓	250.0	246.9	98.8
cal 7 mdq	7	✓	500.0	496.8	99.4
cal 8 mdq	8	✓	1000.0	1012.6	101.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



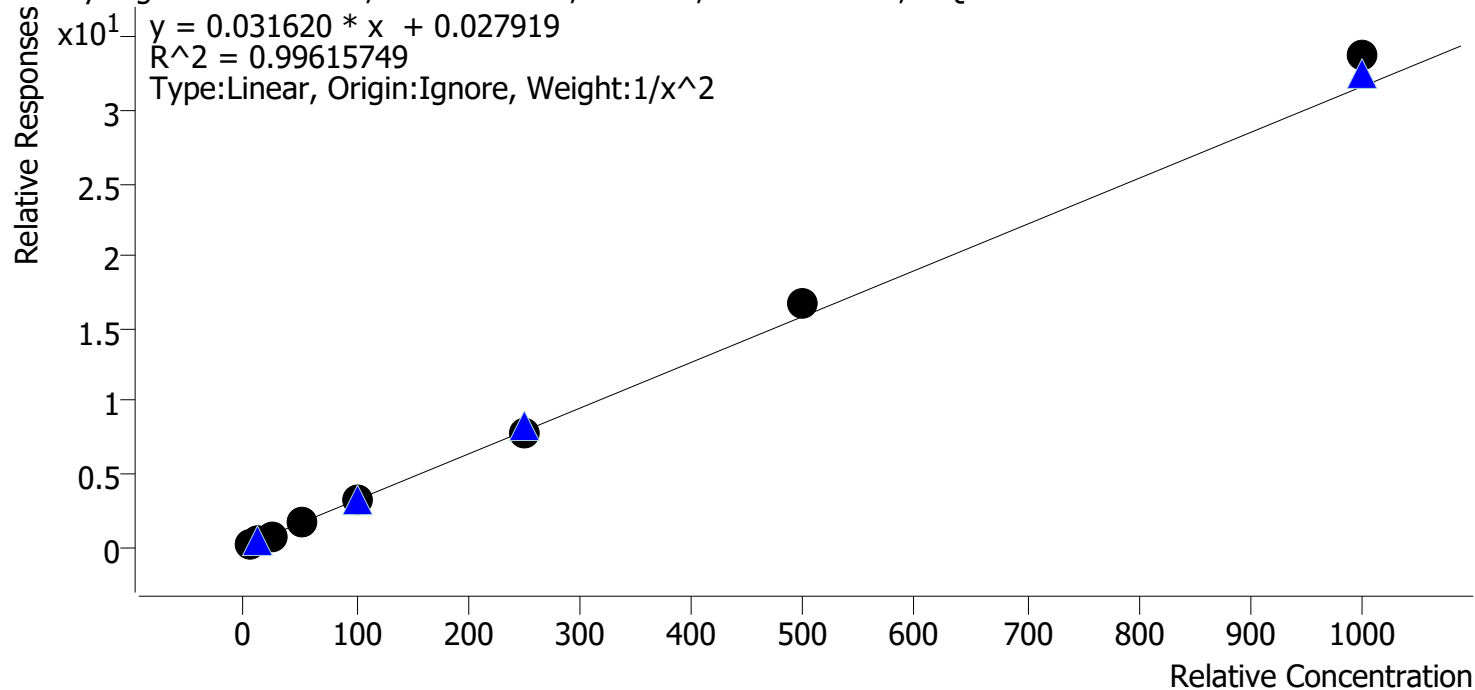
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdqr	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	107.6	107.6
cal 6 mdq	6	✓	250.0	212.1	84.8
cal 7 mdq	7	✓	500.0	529.9	106.0
cal 8 mdq	8	✓	1000.0	1054.4	105.4

Compound Calibration Report



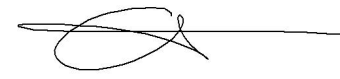
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



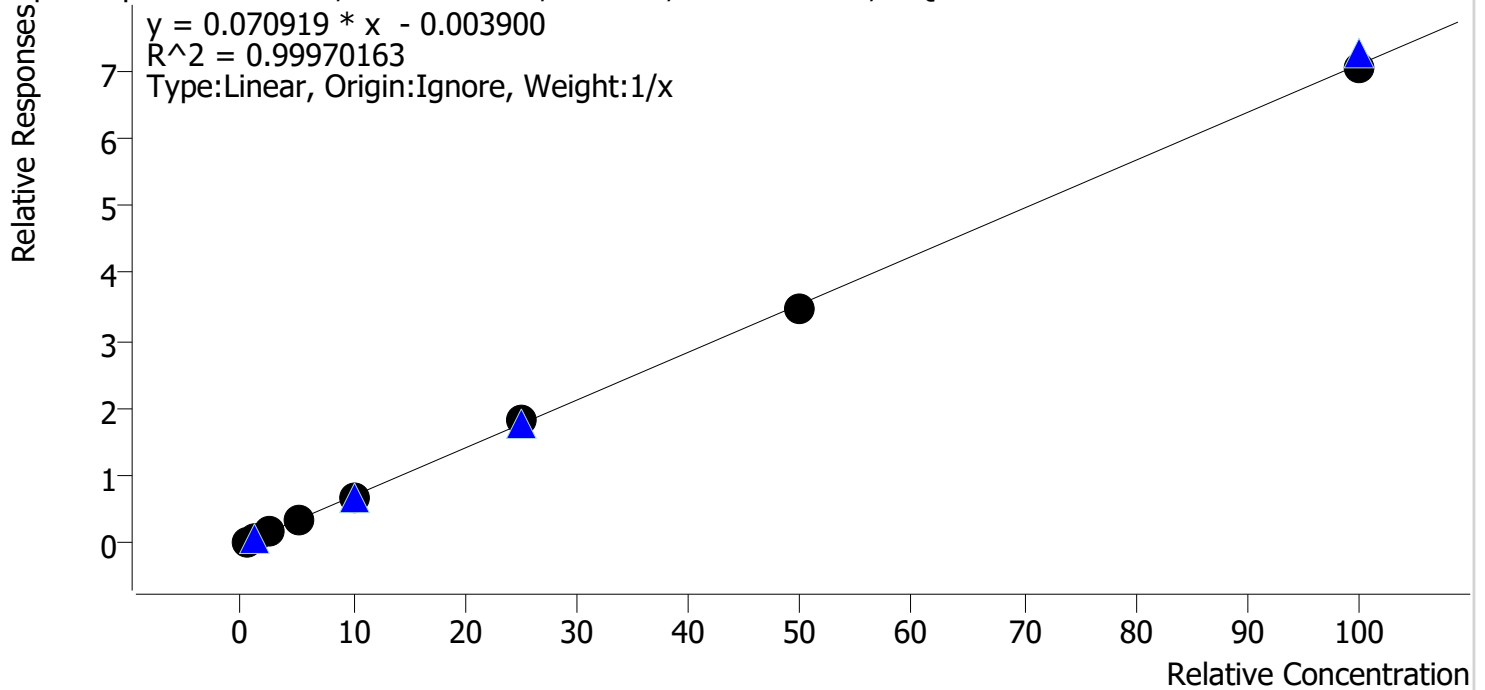
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.5
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	22.2	89.0
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	244.7	97.9
cal 7 mdq	7	✓	500.0	525.0	105.0
cal 8 mdq	8	✓	1000.0	1067.4	106.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



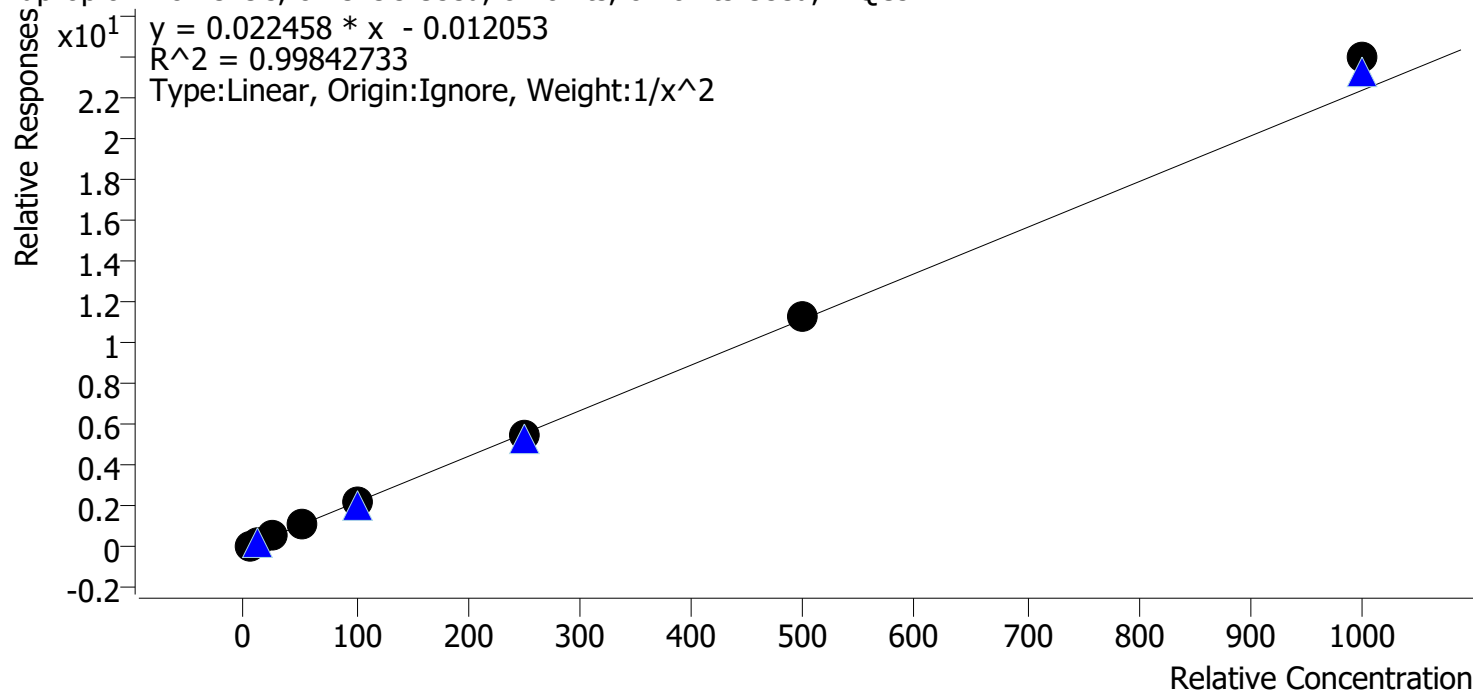
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	93.4
cal 2 mdqr	2	✓	1.0	1.0	100.5
cal 3 mdq	3	✓	2.5	2.6	103.2
cal 4 mdq	4	✓	5.0	5.1	101.1
cal 5 mdq	5	✓	10.0	10.0	99.7
cal 6 mdq	6	✓	25.0	26.0	103.9
cal 7 mdq	7	✓	50.0	49.3	98.7
cal 8 mdq	8	✓	100.0	99.6	99.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

Bupropion - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

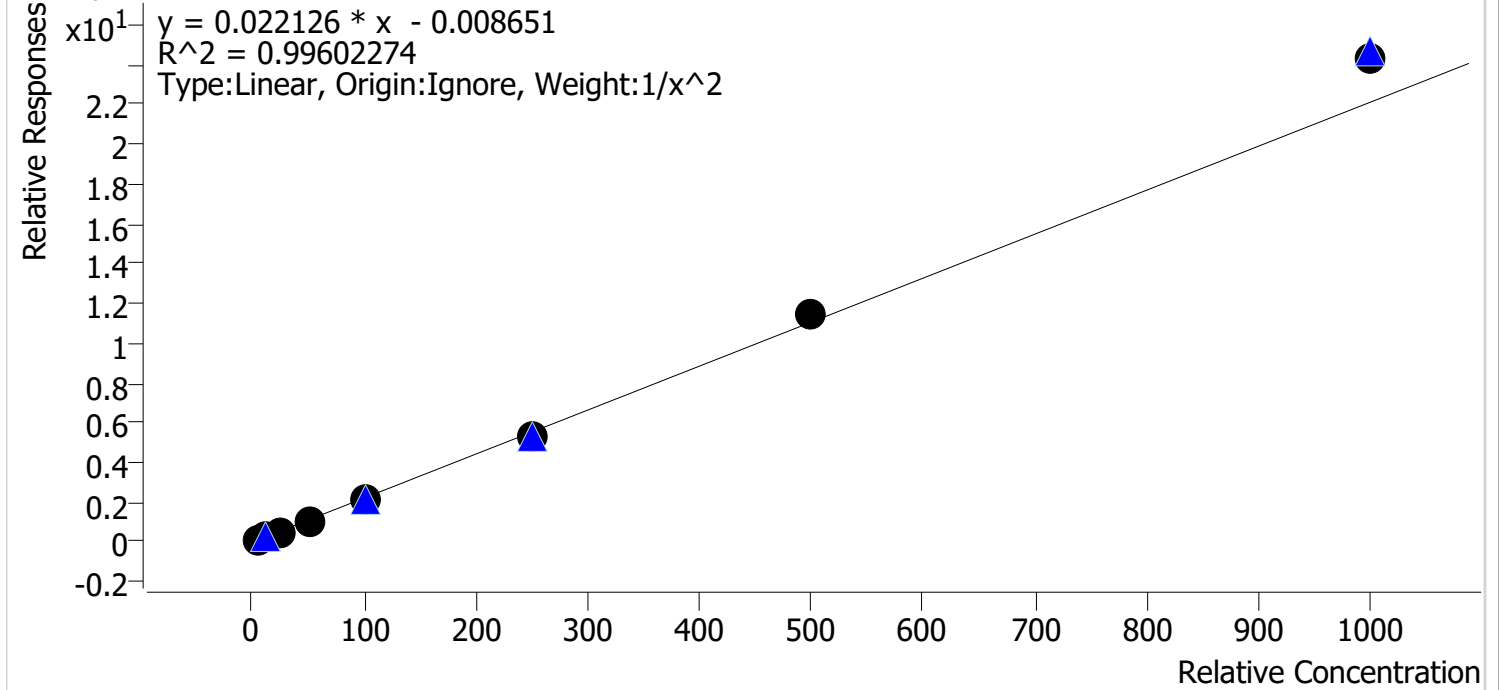


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdqr	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	248.1	99.2
cal 7 mdq	7	✓	500.0	507.9	101.6
cal 8 mdq	8	✓	1000.0	1071.4	107.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



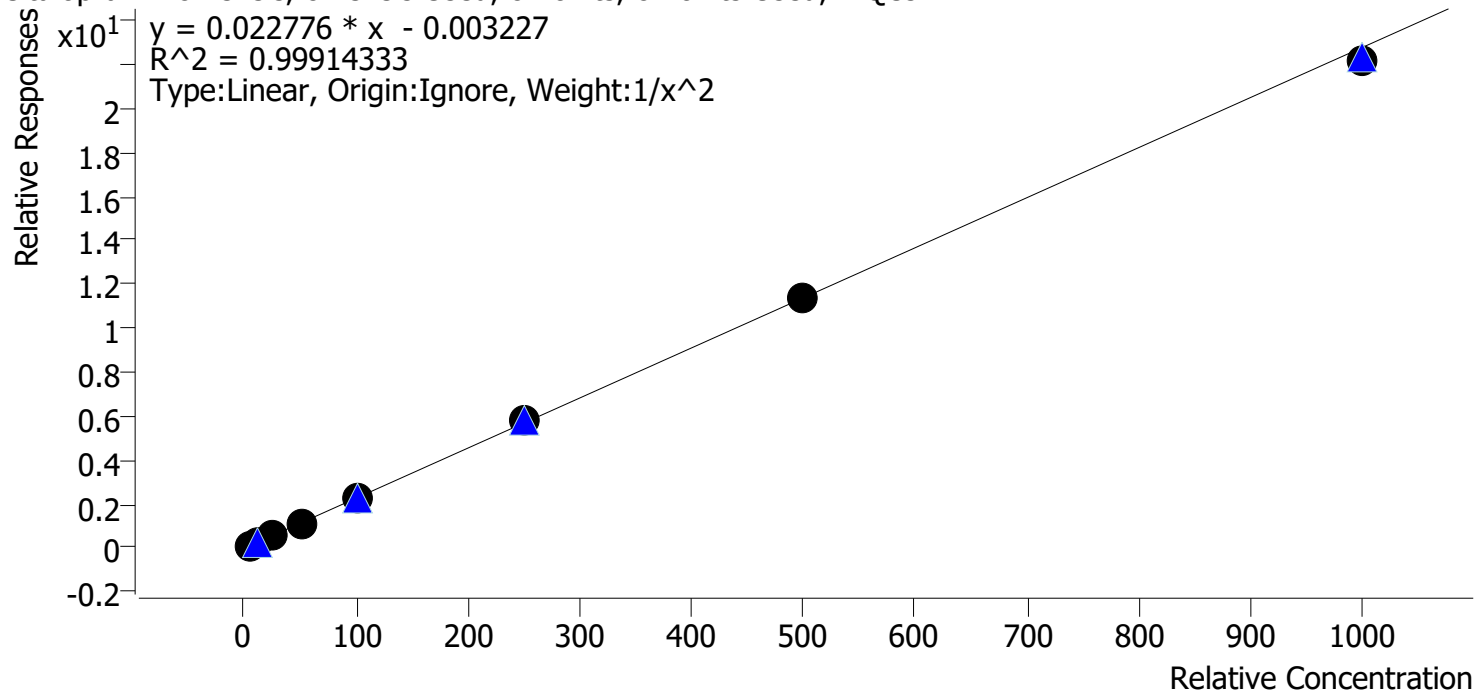
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.7
cal 2 mdqr	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	23.7	95.0
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	240.9	96.3
cal 7 mdq	7	✓	500.0	520.6	104.1
cal 8 mdq	8	✓	1000.0	1102.5	110.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



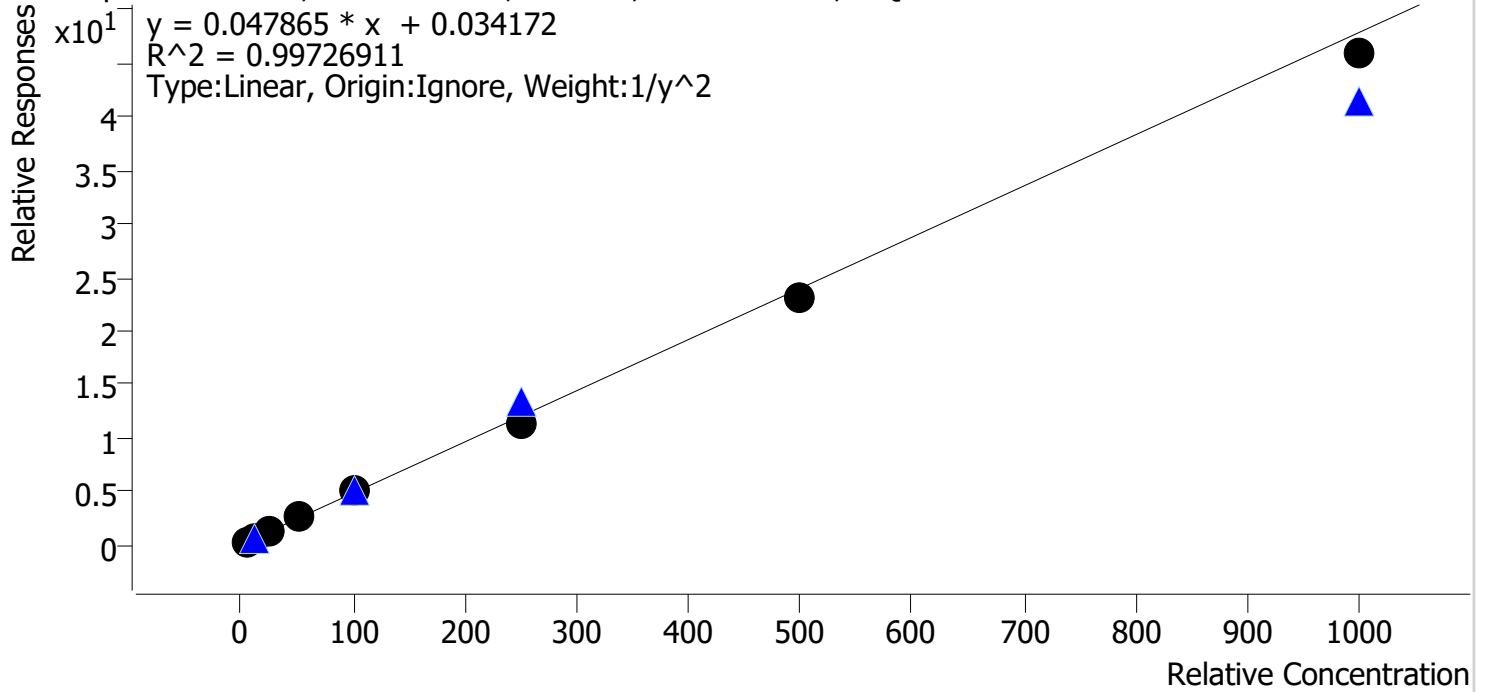
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	257.4	103.0
cal 7 mdq	7	✓	500.0	497.7	99.5
cal 8 mdq	8	✓	1000.0	976.5	97.6

Compound Calibration Report



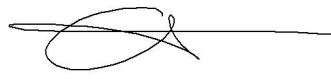
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

Clonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

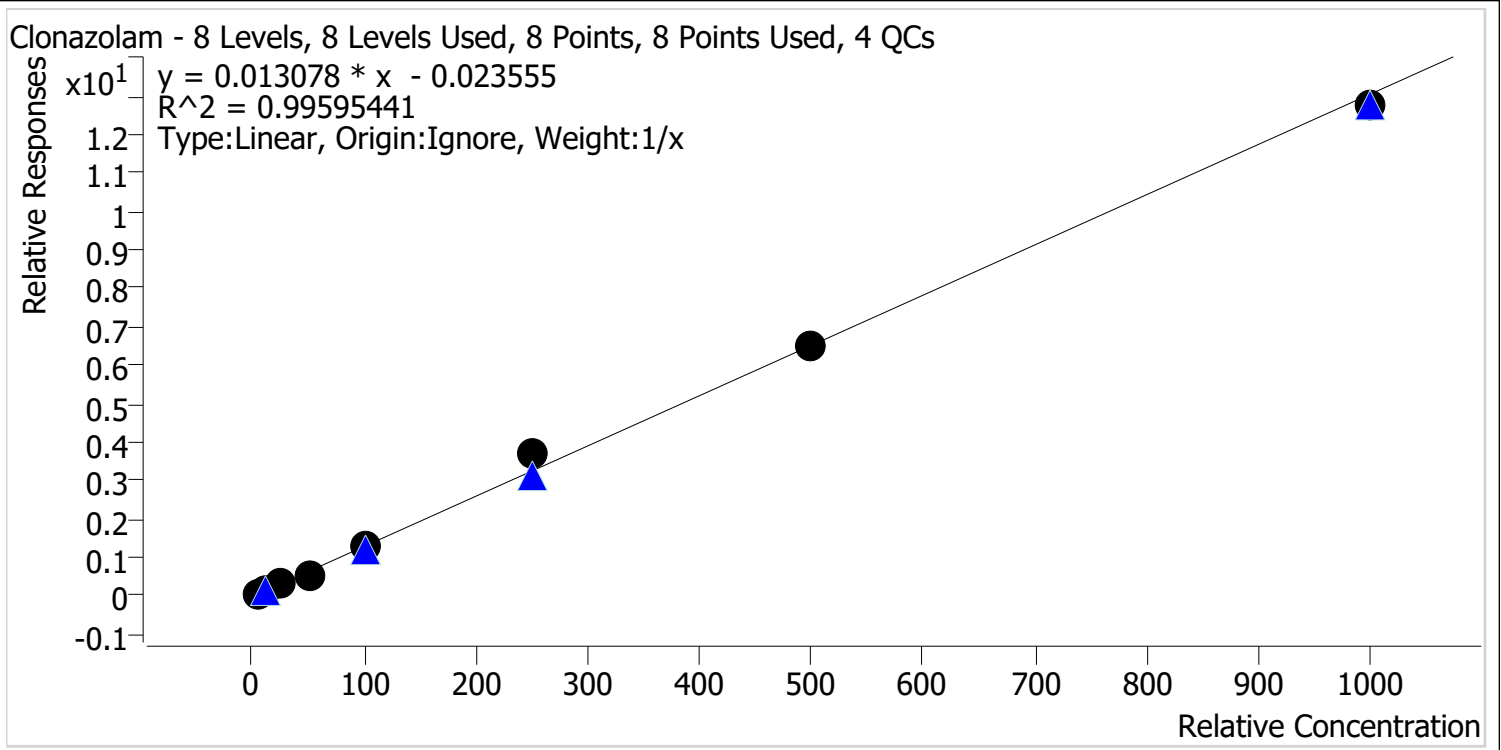


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdqr	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	107.2	107.2
cal 6 mdq	6	✓	250.0	238.9	95.5
cal 7 mdq	7	✓	500.0	482.8	96.6
cal 8 mdq	8	✓	1000.0	958.7	95.9

Compound Calibration Report

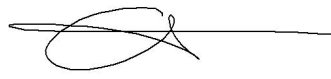


Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Temazepam-D5



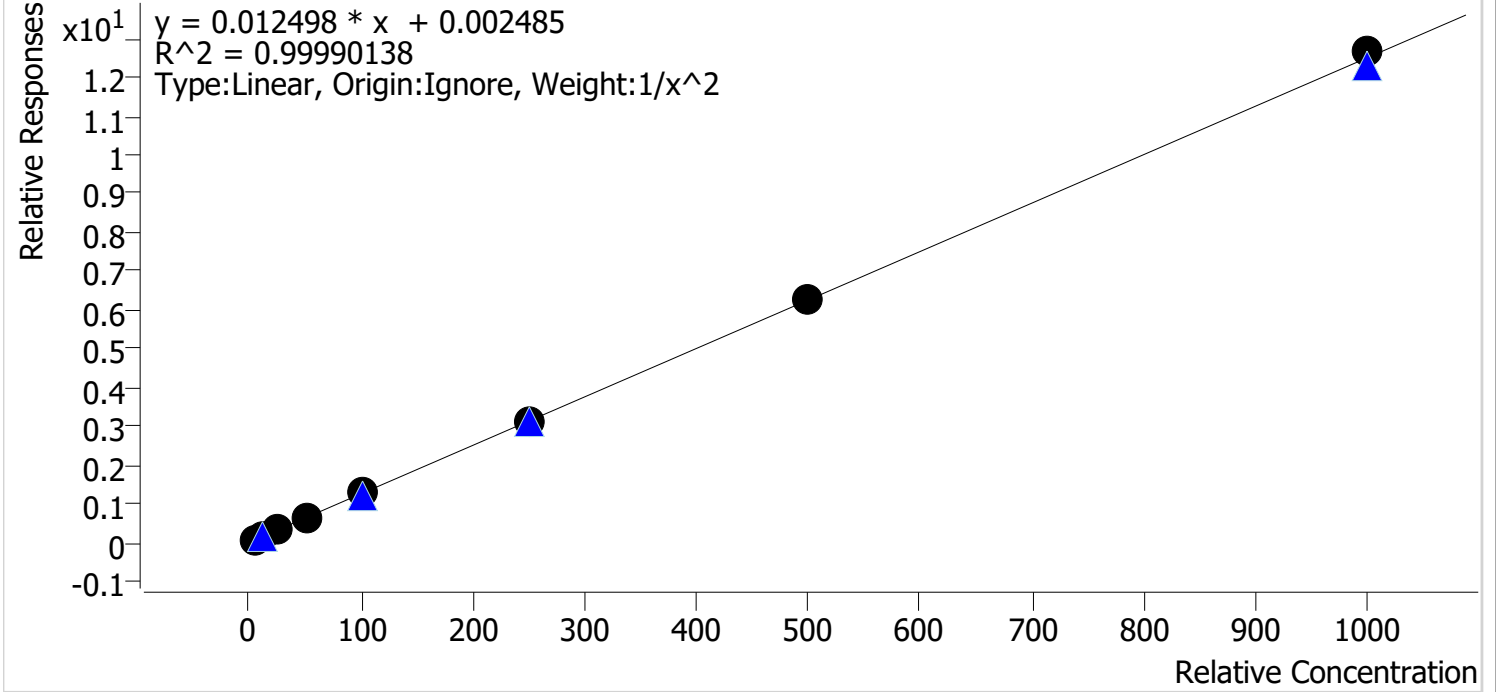
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.9	117.7
cal 2 mdqr	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	23.2	92.8
cal 4 mdq	4	✓	50.0	41.2	82.5
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	284.5	113.8
cal 7 mdq	7	✓	500.0	500.8	100.2
cal 8 mdq	8	✓	1000.0	977.3	97.7

Compound Calibration Report



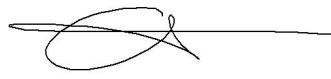
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



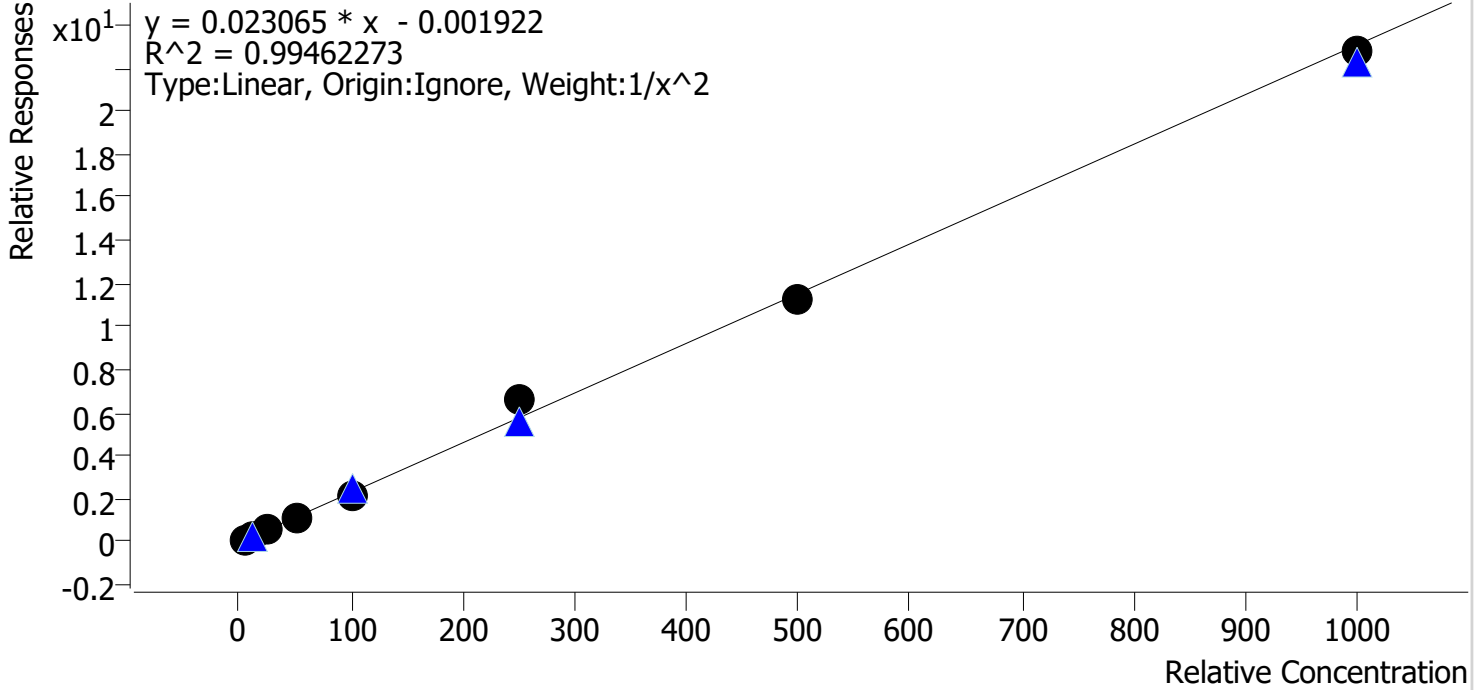
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdqr	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	247.5	99.0
cal 7 mdq	7	✓	500.0	503.9	100.8
cal 8 mdq	8	✓	1000.0	1012.8	101.3

Compound Calibration Report



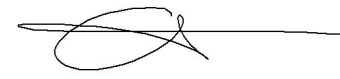
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



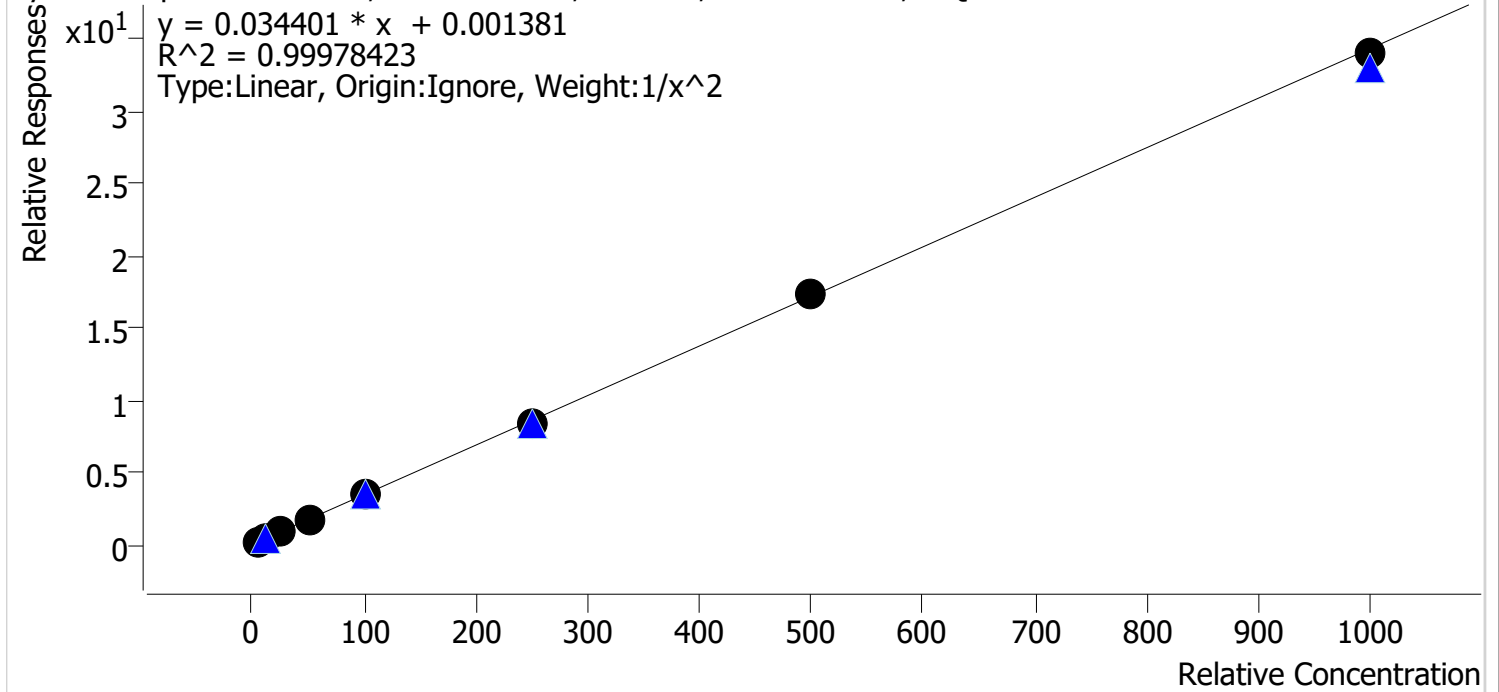
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdqr	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	23.7	94.7
cal 4 mdq	4	✓	50.0	48.4	96.8
cal 5 mdq	5	✓	100.0	94.3	94.3
cal 6 mdq	6	✓	250.0	285.0	114.0
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	986.5	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



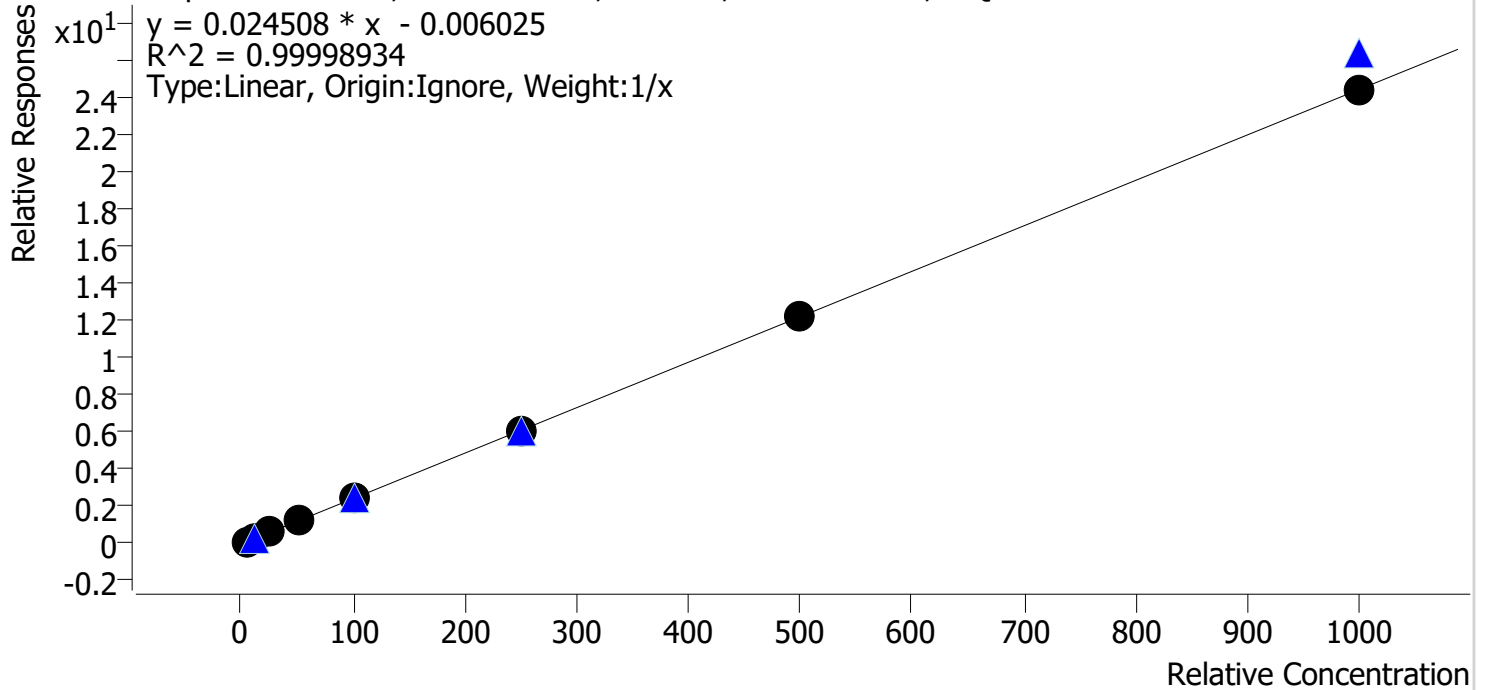
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdqr	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	245.9	98.3
cal 7 mdq	7	✓	500.0	506.4	101.3
cal 8 mdq	8	✓	1000.0	989.9	99.0

Compound Calibration Report



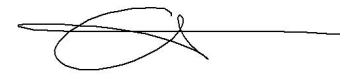
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



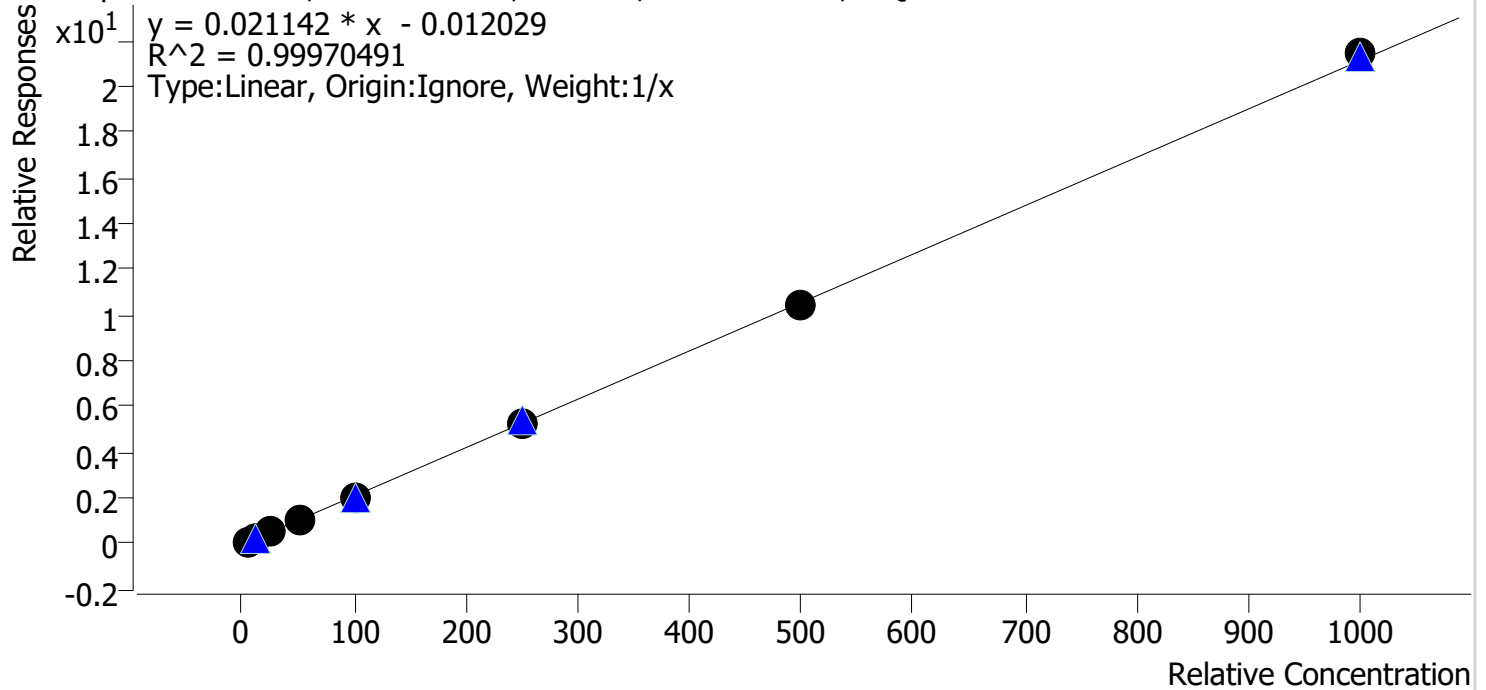
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	1000.6	100.1

Compound Calibration Report



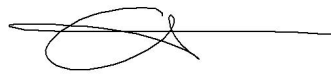
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

Dextrorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



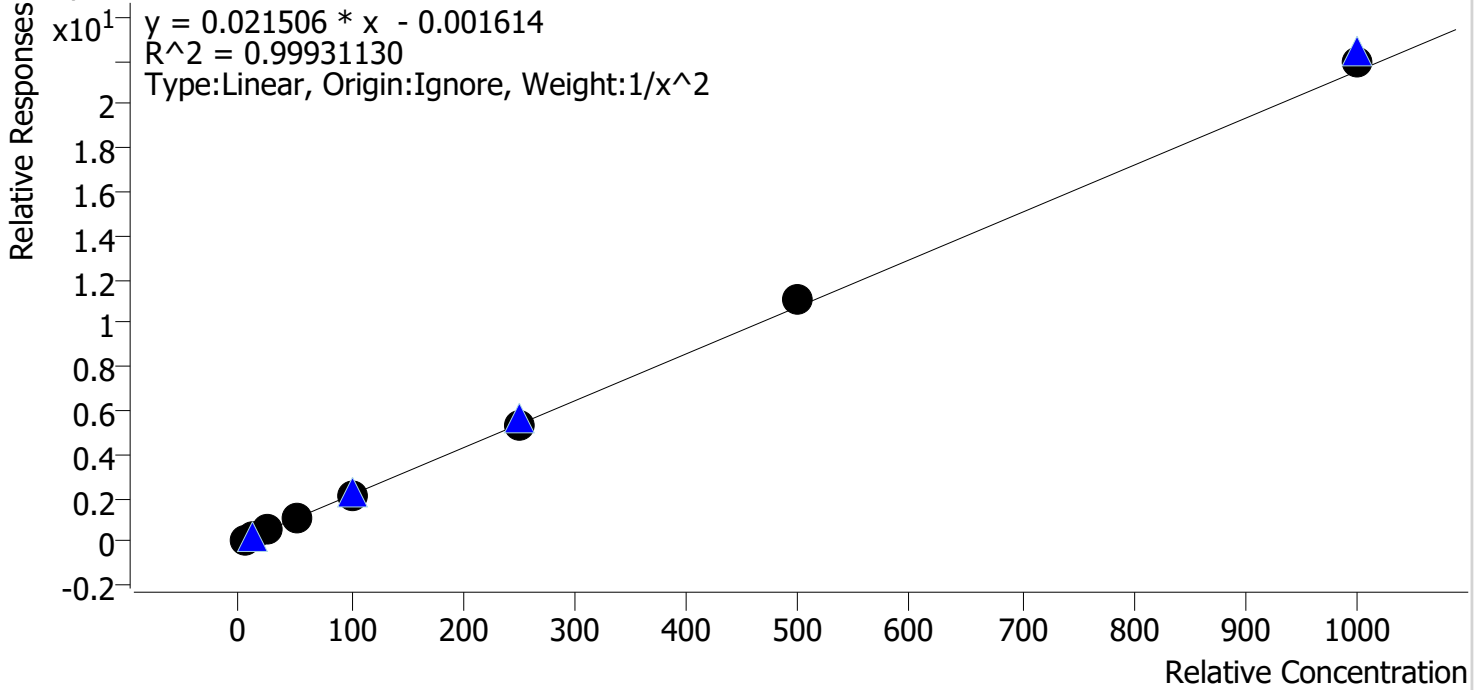
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	109.9
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	48.6	97.1
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	246.4	98.5
cal 7 mdq	7	✓	500.0	493.1	98.6
cal 8 mdq	8	✓	1000.0	1014.5	101.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

Diazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



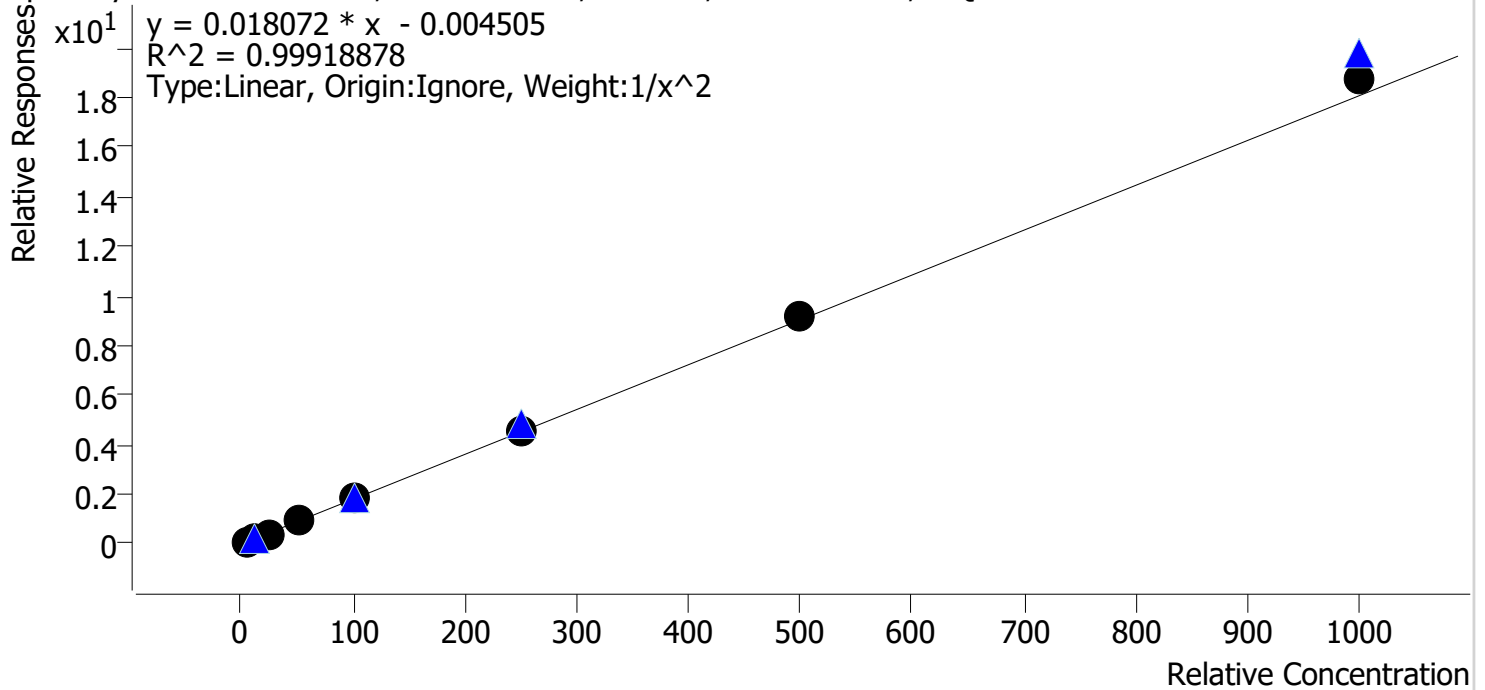
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdqr	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	516.3	103.3
cal 8 mdq	8	✓	1000.0	1021.0	102.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



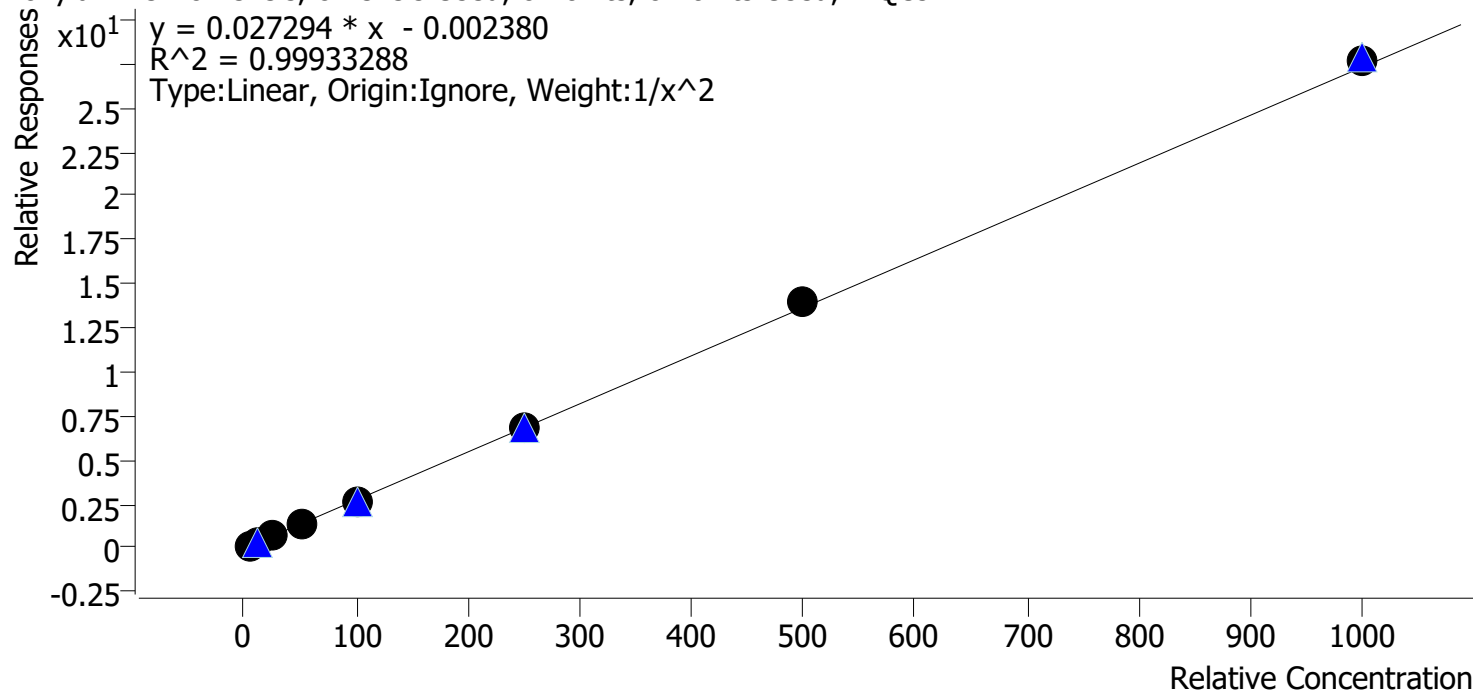
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdqr	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	49.3	98.5
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	508.1	101.6
cal 8 mdq	8	✓	1000.0	1041.5	104.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



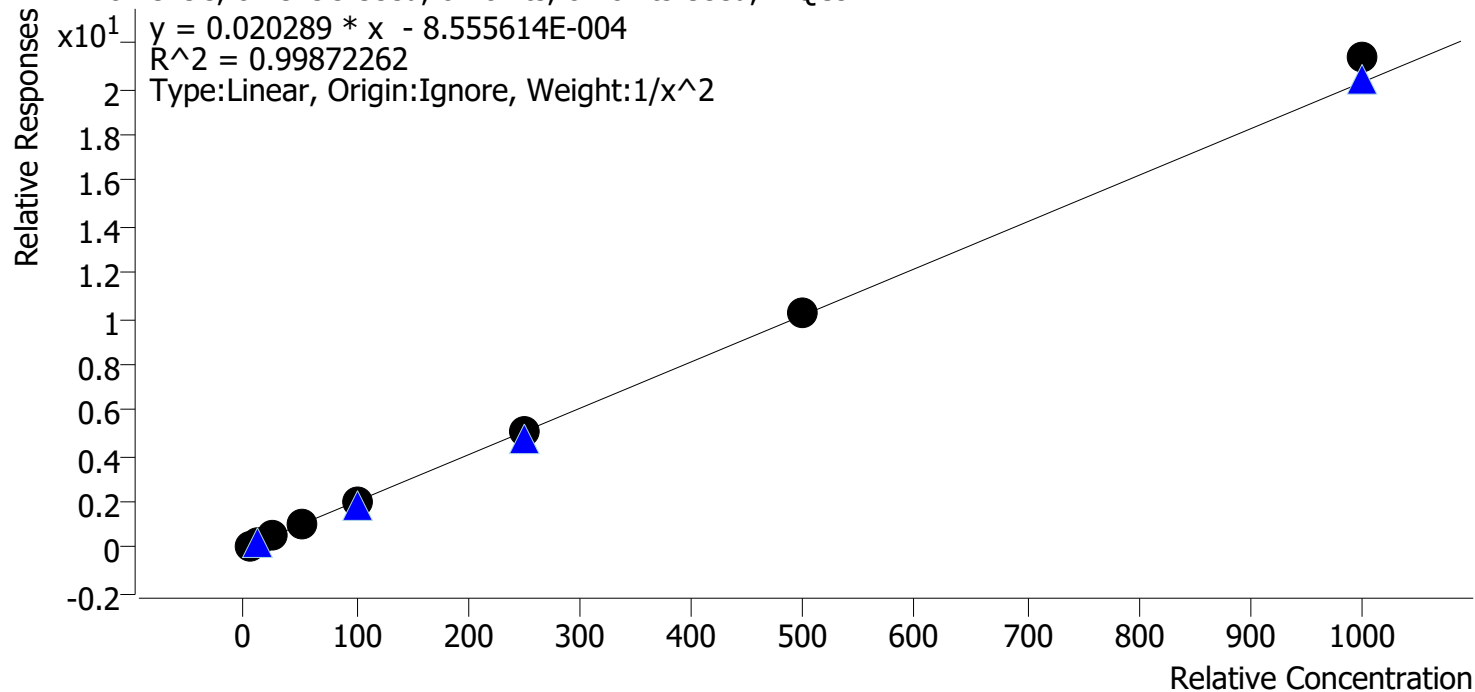
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdqr	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	25.6	102.2
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	254.1	101.7
cal 7 mdq	7	✓	500.0	509.5	101.9
cal 8 mdq	8	✓	1000.0	1012.3	101.2

Compound Calibration Report



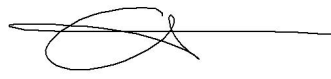
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



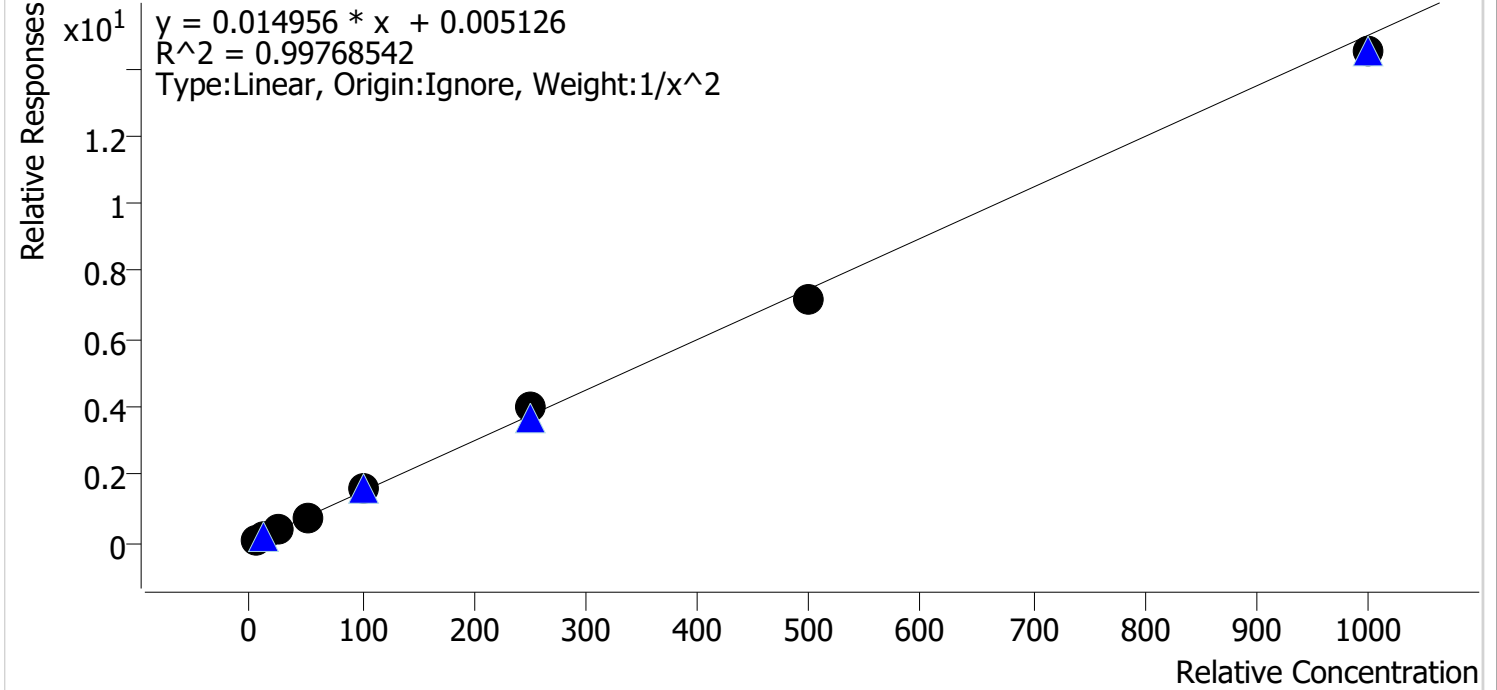
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdqr	2	✓	10.0	9.6	96.5
cal 3 mdq	3	✓	25.0	23.9	95.8
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	501.3	100.3
cal 8 mdq	8	✓	1000.0	1053.0	105.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

Etizolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

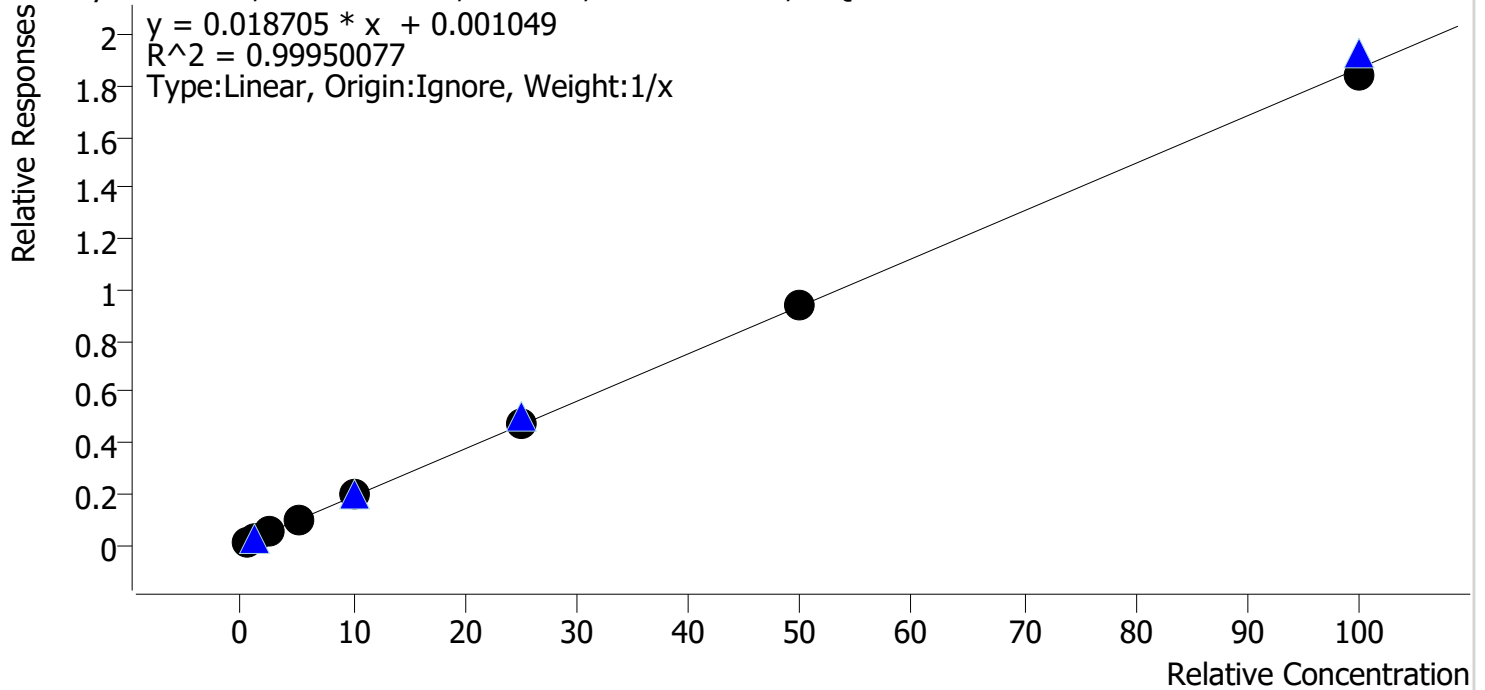


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdqr	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	104.0	104.0
cal 6 mdq	6	✓	250.0	270.0	108.0
cal 7 mdq	7	✓	500.0	478.7	95.7
cal 8 mdq	8	✓	1000.0	965.9	96.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



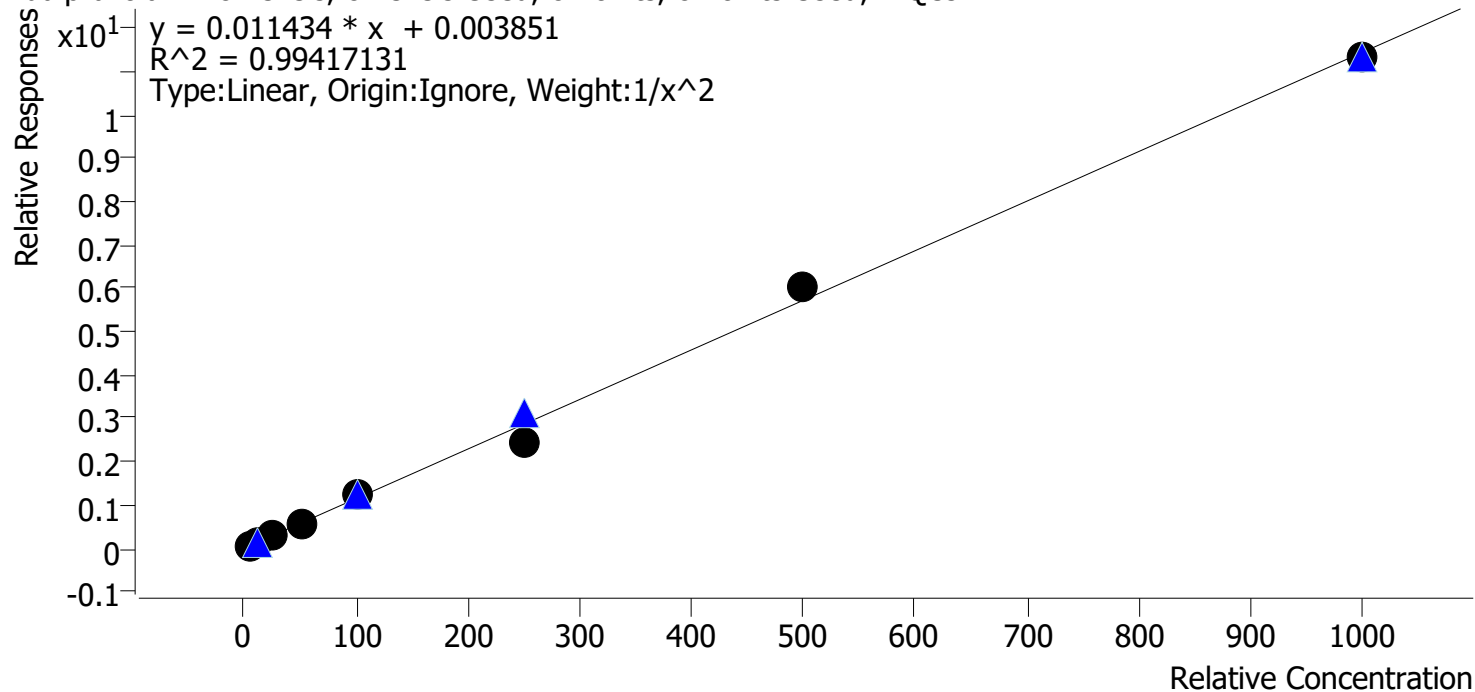
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	97.2
cal 2 mdqr	2	✓	1.0	0.9	91.3
cal 3 mdq	3	✓	2.5	2.6	102.2
cal 4 mdq	4	✓	5.0	5.1	101.8
cal 5 mdq	5	✓	10.0	10.7	107.3
cal 6 mdq	6	✓	25.0	25.2	100.8
cal 7 mdq	7	✓	50.0	50.4	100.8
cal 8 mdq	8	✓	100.0	98.6	98.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

Flualprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



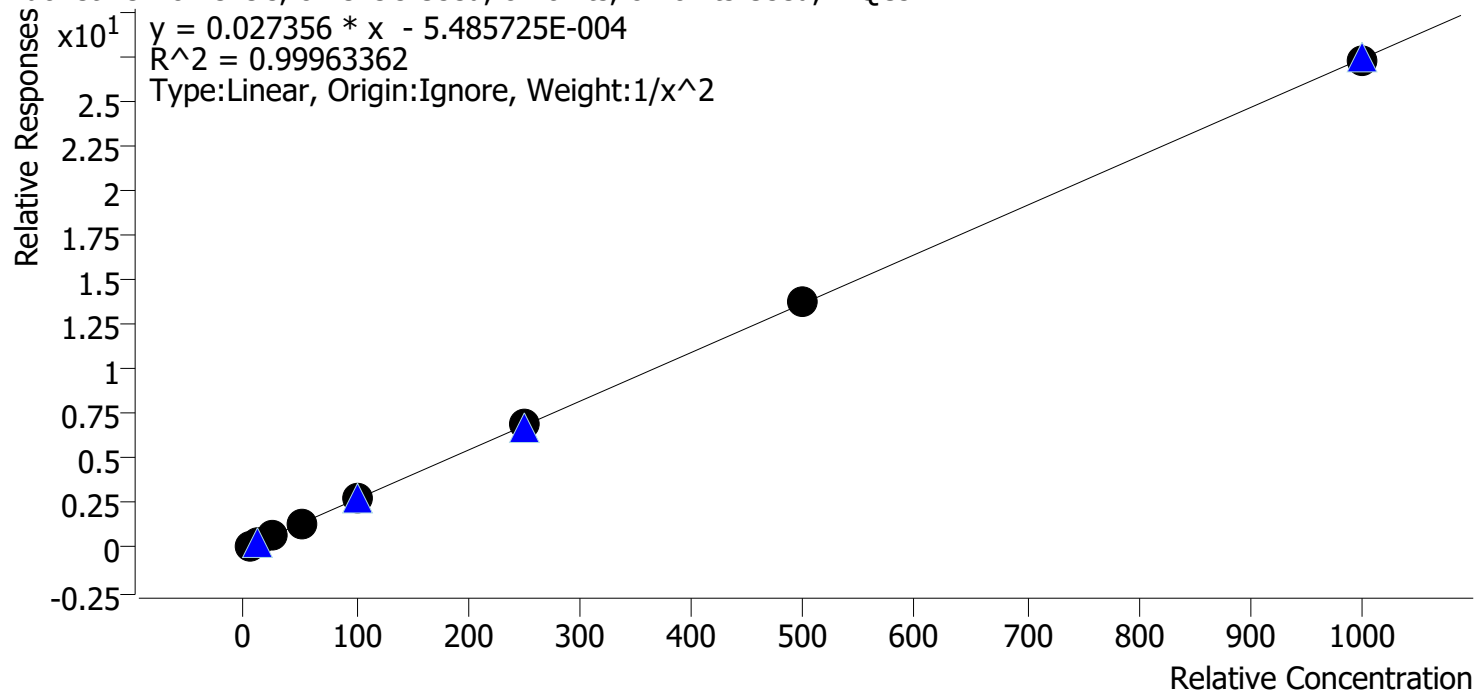
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdqr	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.9	103.7
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	106.5	106.5
cal 6 mdq	6	✓	250.0	213.1	85.2
cal 7 mdq	7	✓	500.0	524.4	104.9
cal 8 mdq	8	✓	1000.0	987.8	98.8

Compound Calibration Report



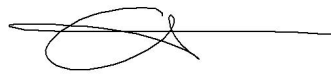
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

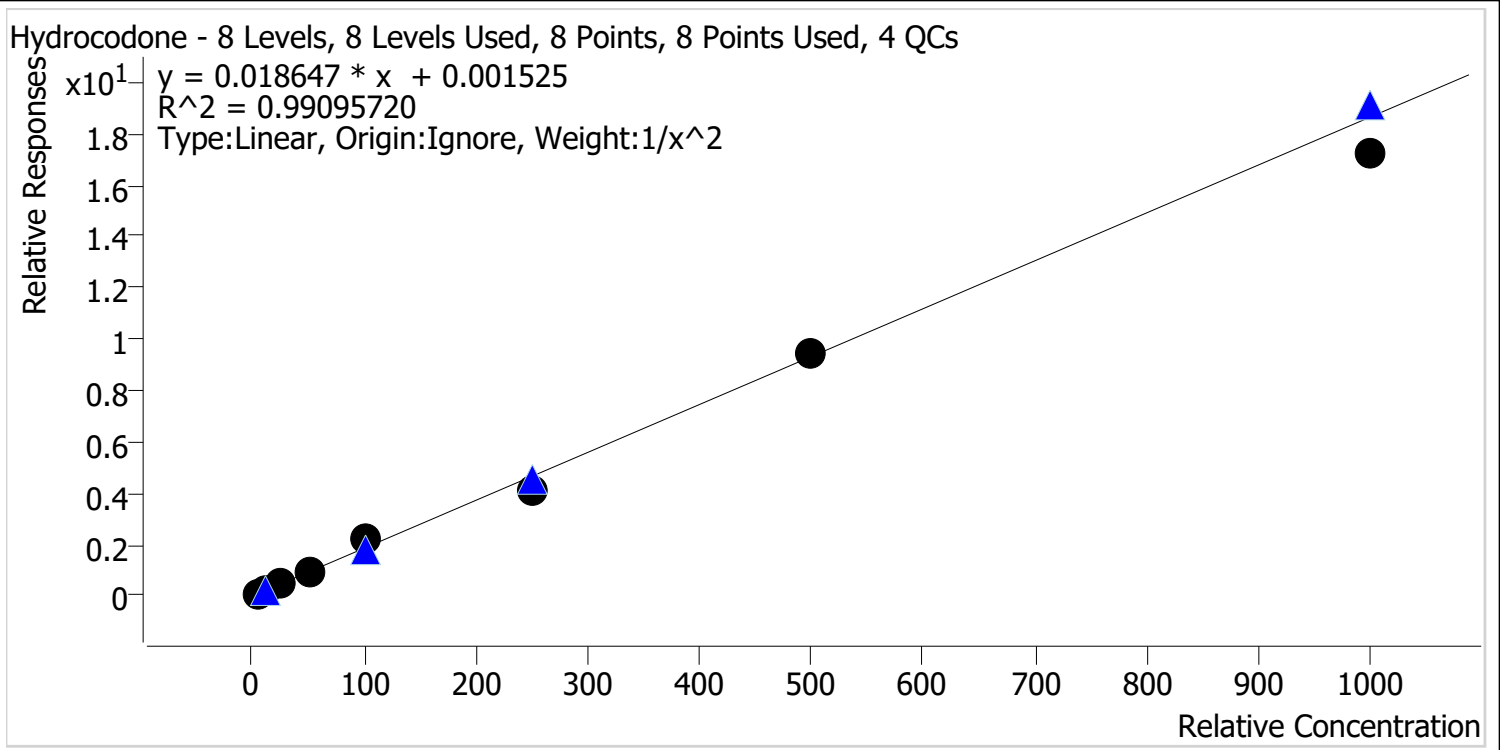


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdqr	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	255.9	102.4
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	994.7	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



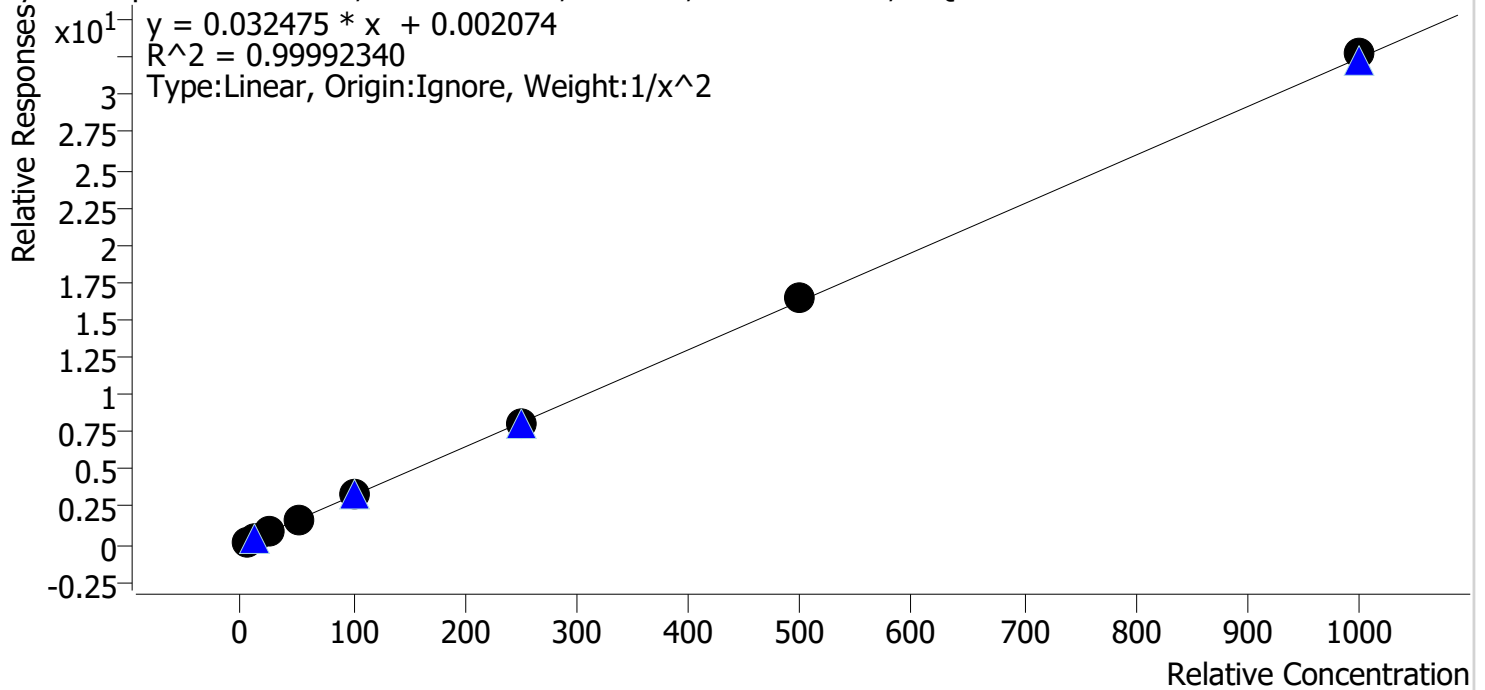
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdqr	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	117.2	117.2
cal 6 mdq	6	✓	250.0	223.4	89.4
cal 7 mdq	7	✓	500.0	505.6	101.1
cal 8 mdq	8	✓	1000.0	927.6	92.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



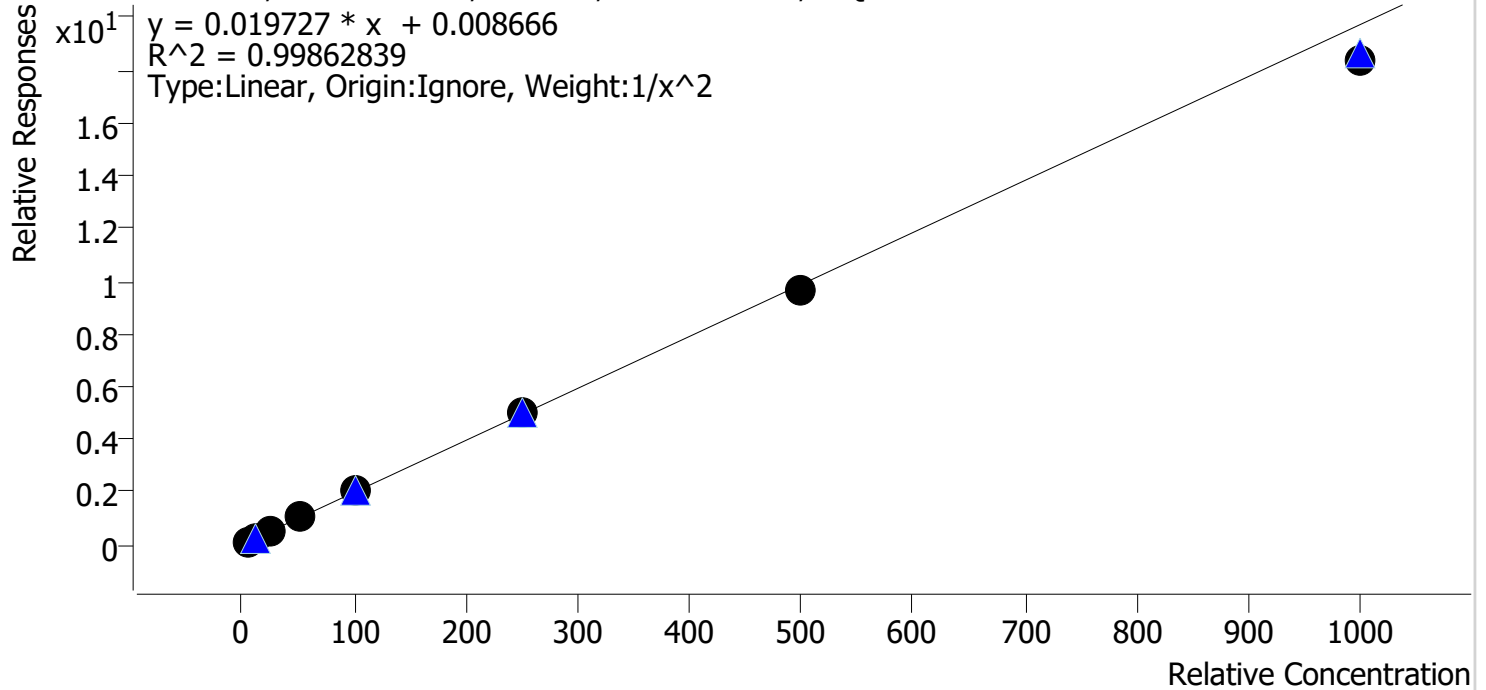
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	1009.2	100.9

Compound Calibration Report



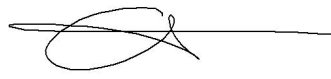
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

Ketamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



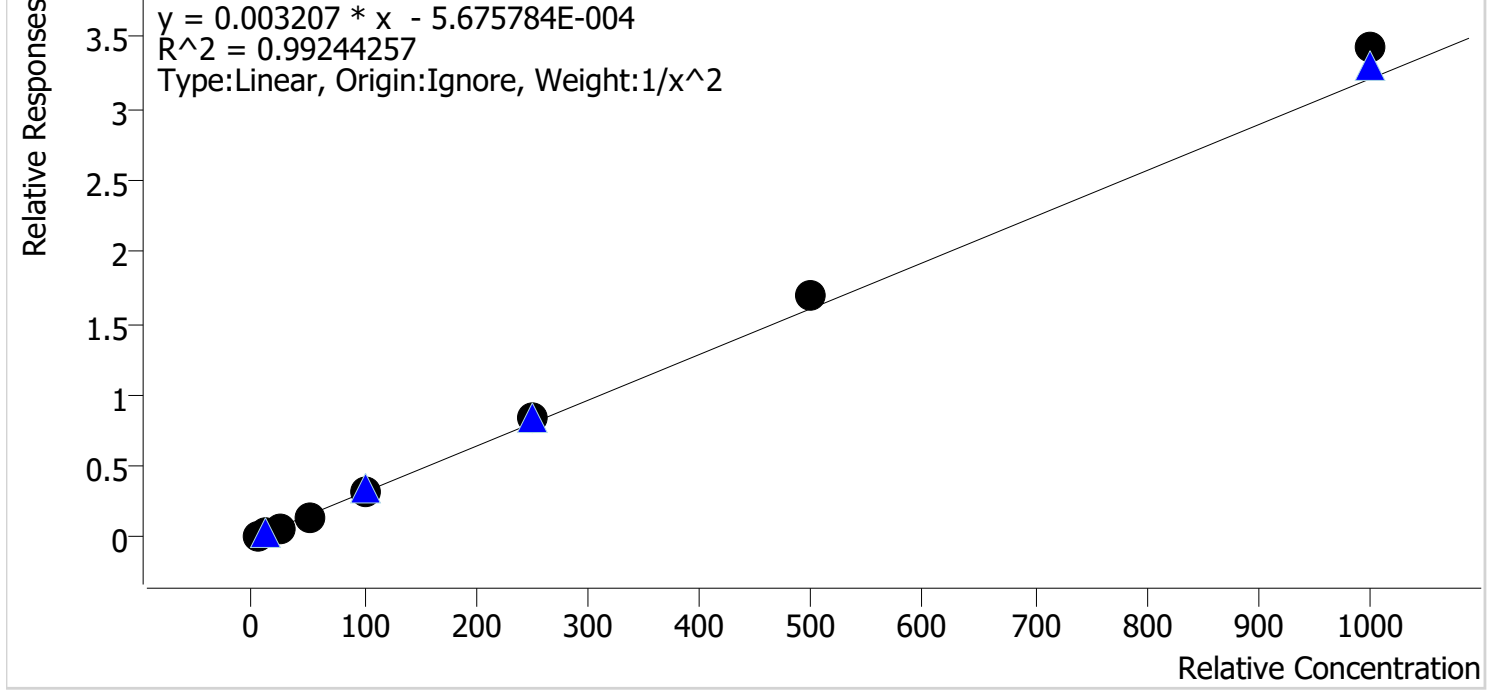
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdqr	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	51.6	103.3
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	252.4	100.9
cal 7 mdq	7	✓	500.0	492.2	98.4
cal 8 mdq	8	✓	1000.0	932.9	93.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

Lamotrigine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



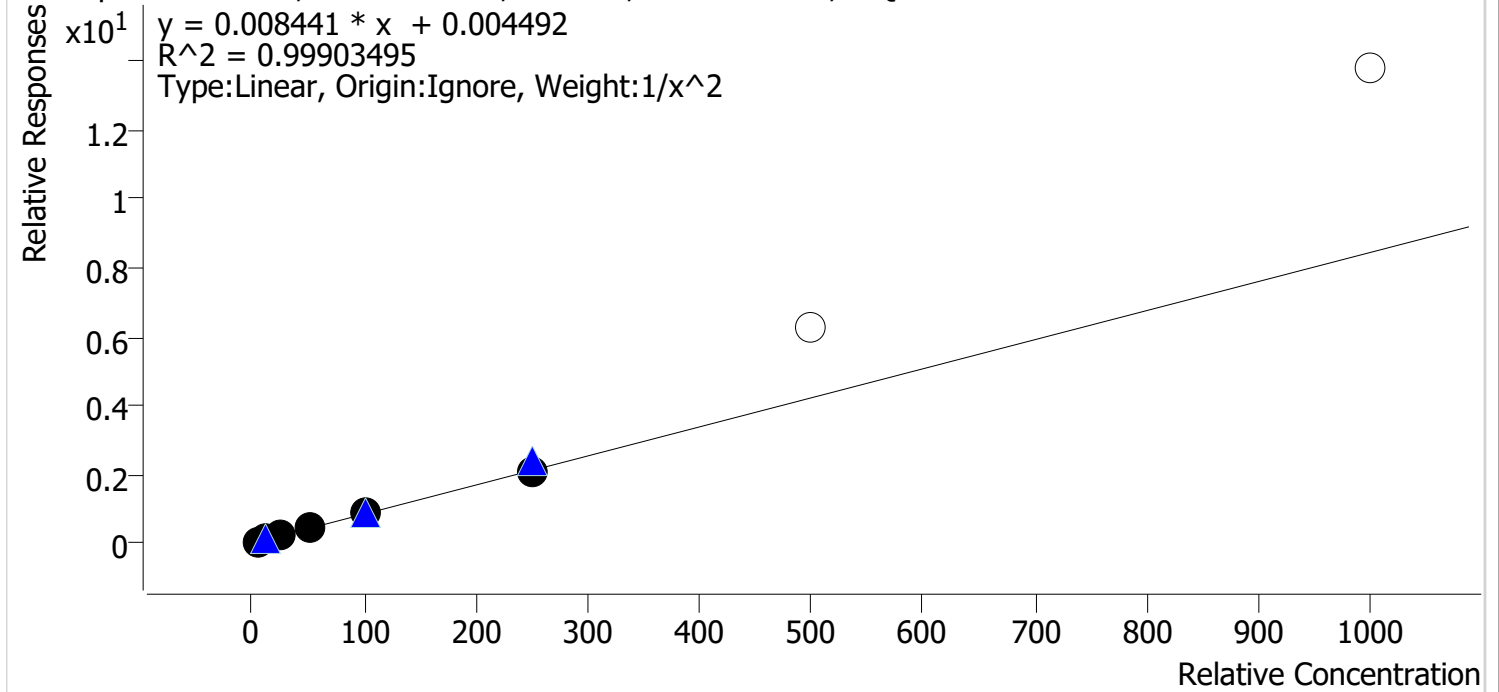
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.7
cal 2 mdqr	2	✓	10.0	8.9	88.6
cal 3 mdq	3	✓	25.0	23.1	92.3
cal 4 mdq	4	✓	50.0	47.4	94.8
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	264.8	105.9
cal 7 mdq	7	✓	500.0	531.5	106.3
cal 8 mdq	8	✓	1000.0	1067.9	106.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

Lorazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✗	500.0	742.9	148.6
cal 8 mdq	8	✗	1000.0	1634.4	163.4

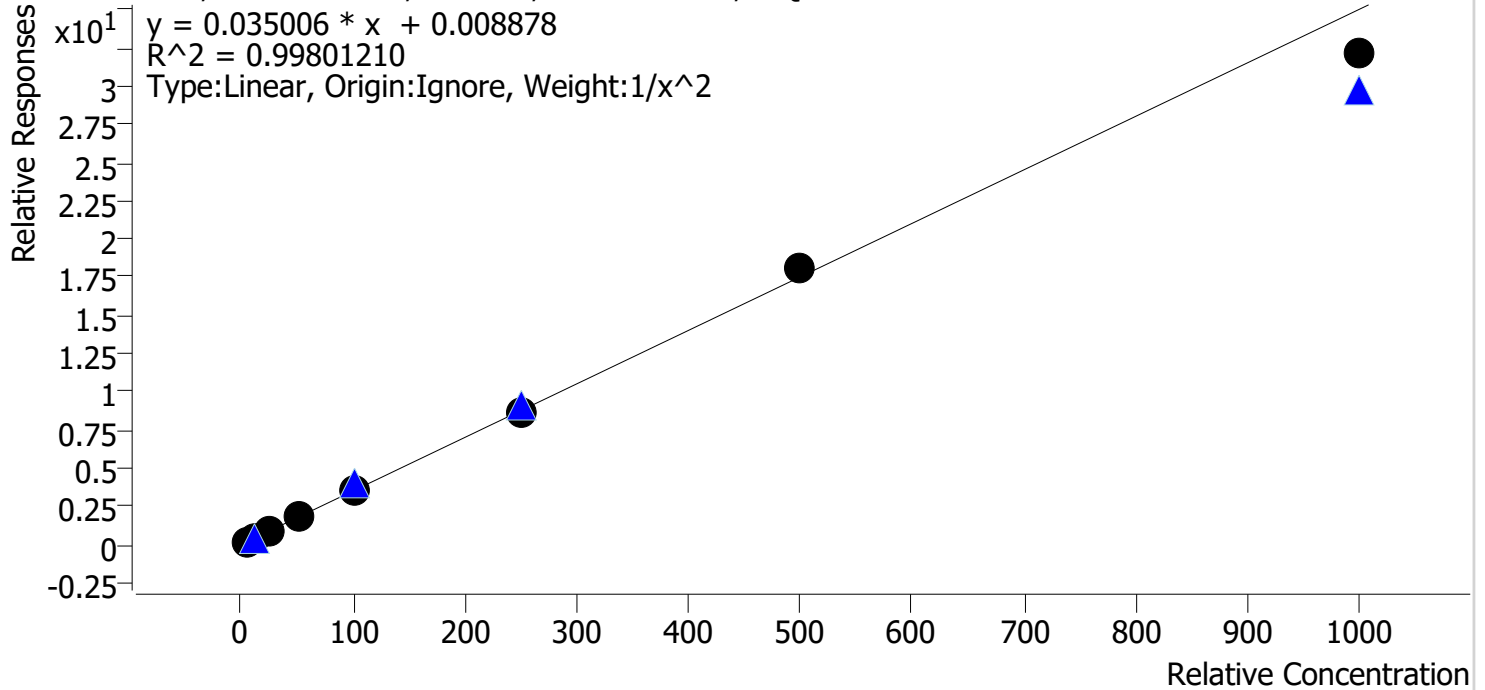
Dropped cal 7 and 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



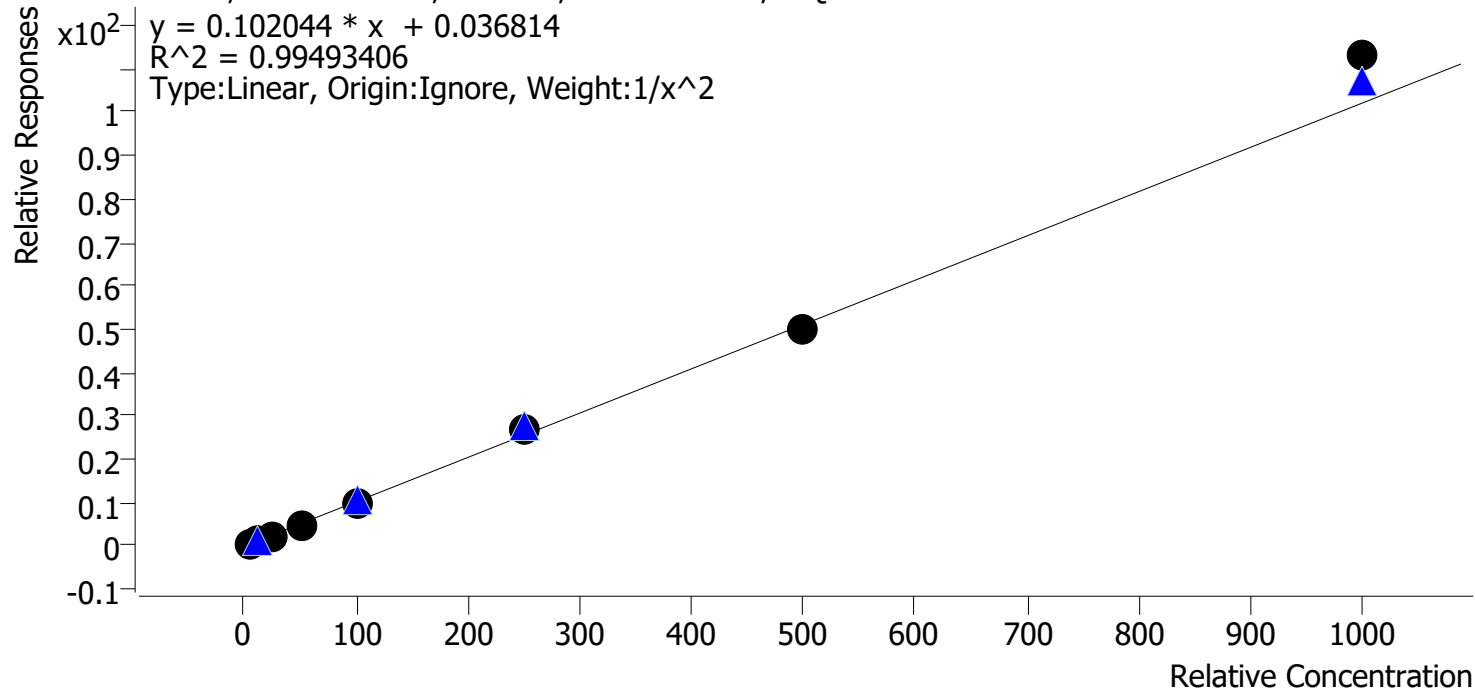
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdqr	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	50.8	101.6
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	245.3	98.1
cal 7 mdq	7	✓	500.0	518.4	103.7
cal 8 mdq	8	✓	1000.0	917.3	91.7

Compound Calibration Report



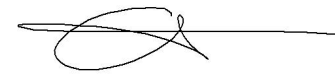
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



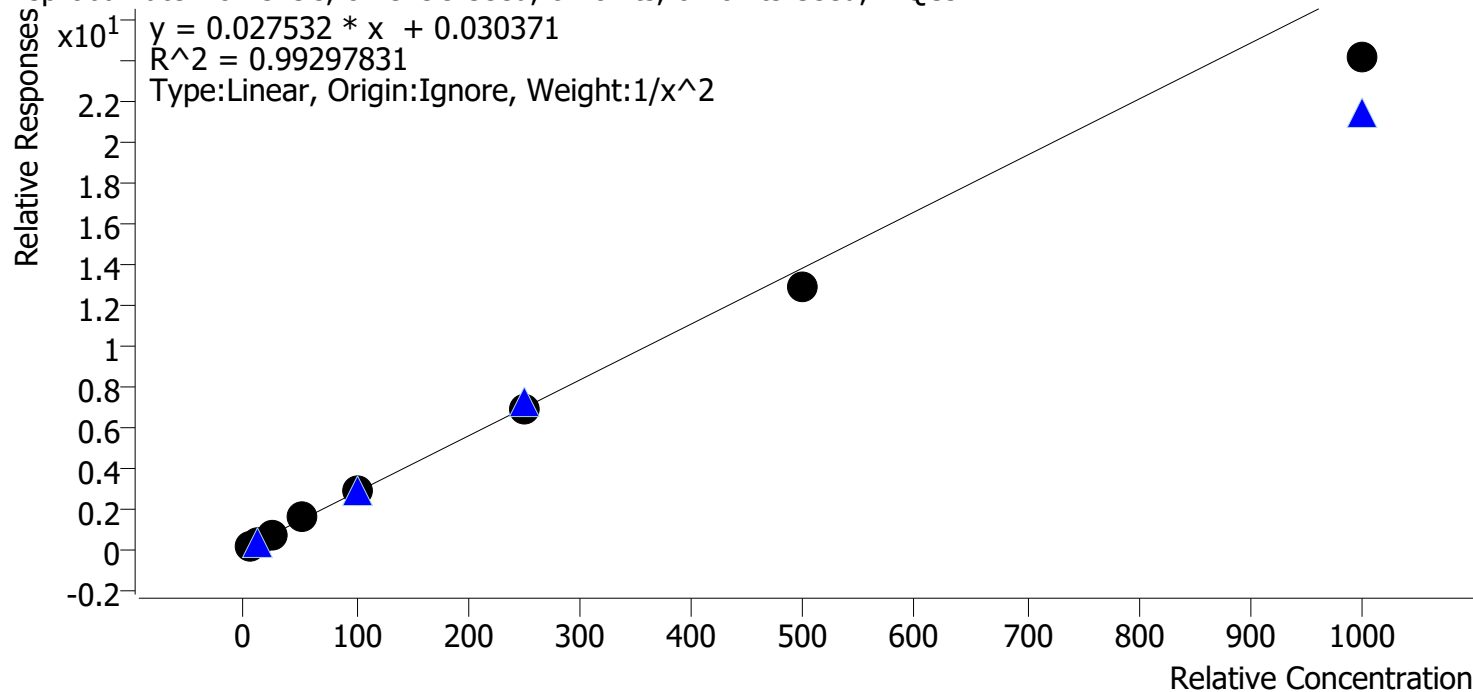
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdqr	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	23.3	93.4
cal 4 mdq	4	✓	50.0	47.5	95.1
cal 5 mdq	5	✓	100.0	94.6	94.6
cal 6 mdq	6	✓	250.0	266.7	106.7
cal 7 mdq	7	✓	500.0	485.8	97.2
cal 8 mdq	8	✓	1000.0	1107.3	110.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



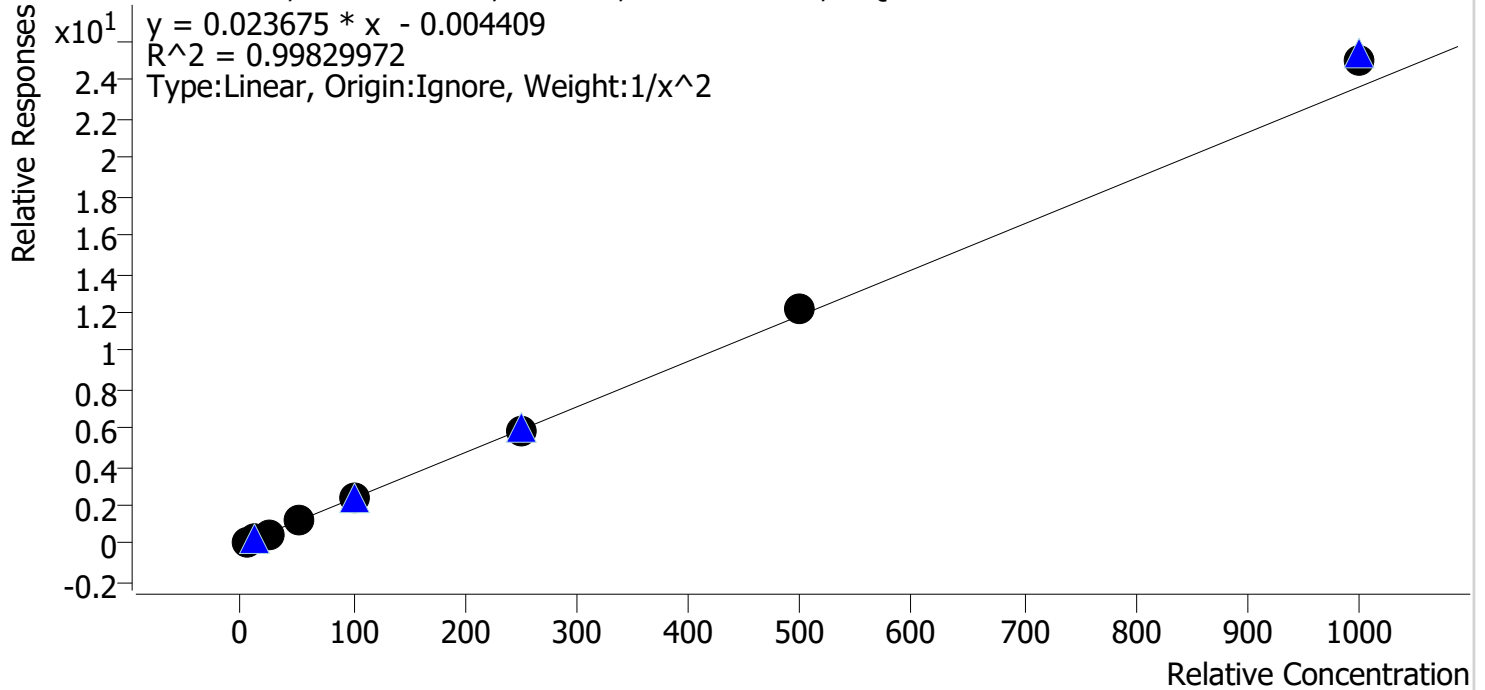
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdqr	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	54.9	109.8
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	468.9	93.8
cal 8 mdq	8	✓	1000.0	874.3	87.4

Compound Calibration Report



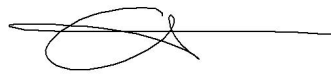
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

Methadone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



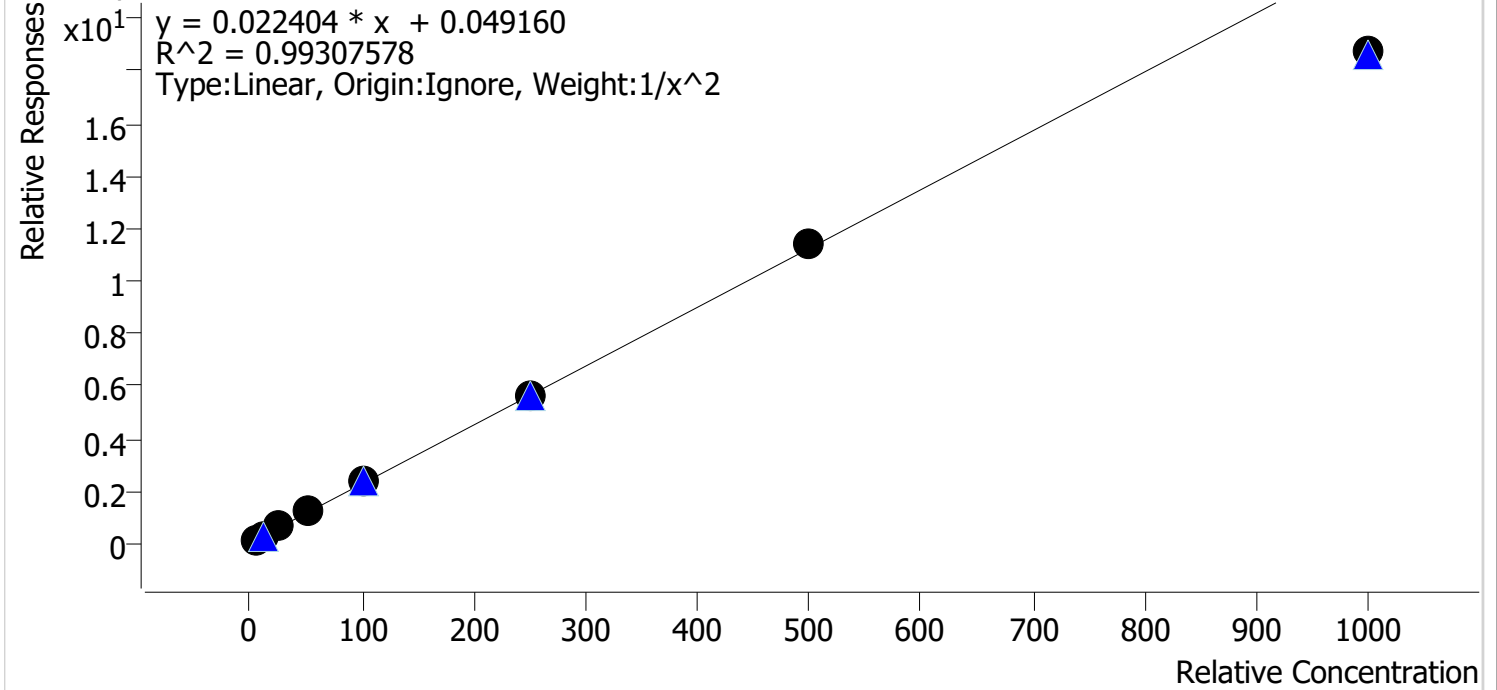
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdqr	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	514.5	102.9
cal 8 mdq	8	✓	1000.0	1060.1	106.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



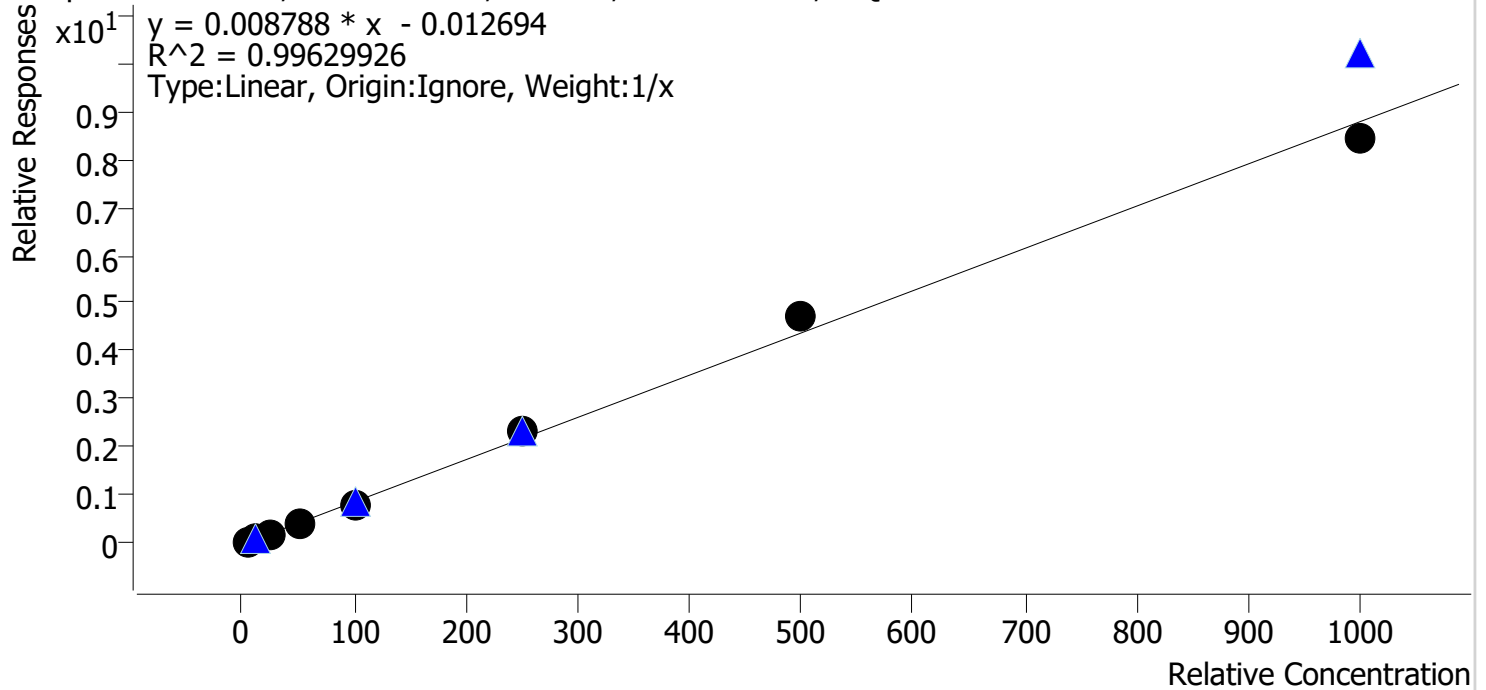
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	97.0
cal 2 mdqr	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	52.3	104.6
cal 5 mdq	5	✓	100.0	104.0	104.0
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	508.1	101.6
cal 8 mdq	8	✓	1000.0	834.6	83.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

Metoprolol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



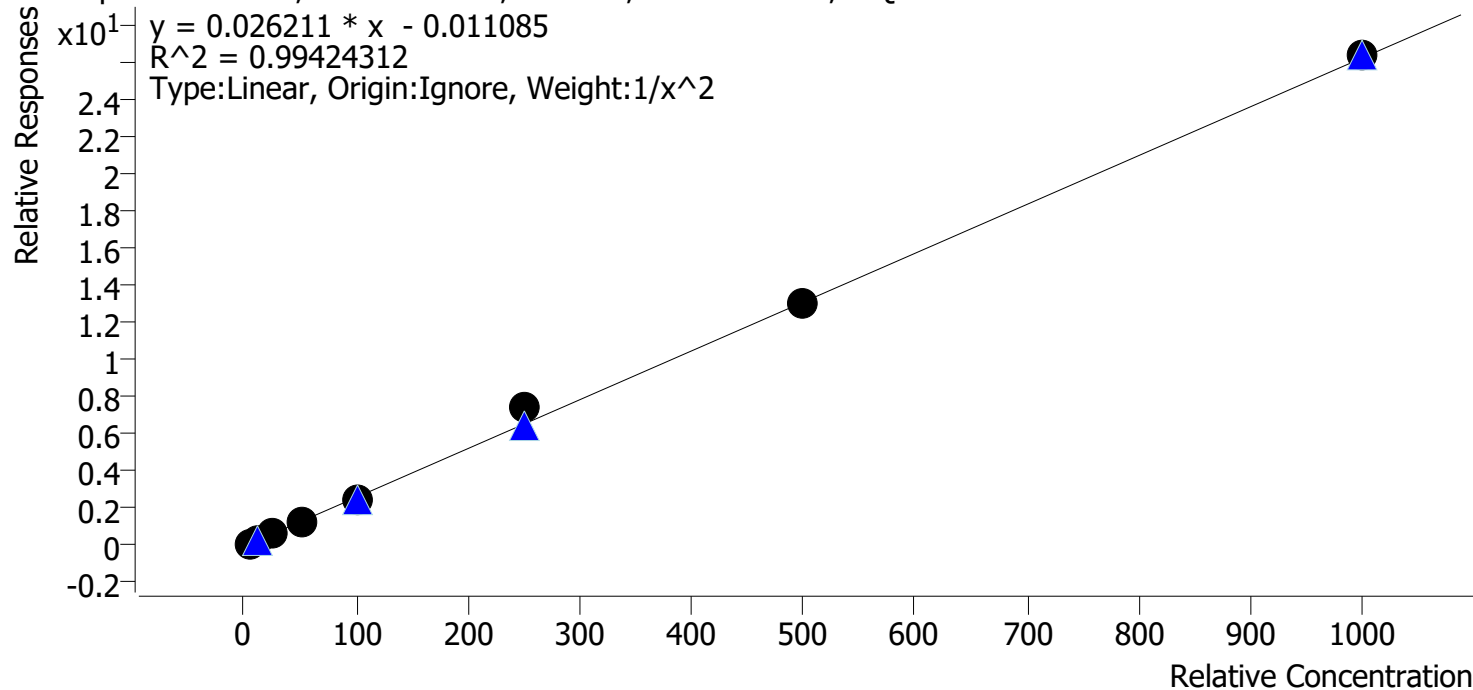
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.8	116.9
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	22.8	91.2
cal 4 mdq	4	✓	50.0	44.5	89.0
cal 5 mdq	5	✓	100.0	94.4	94.4
cal 6 mdq	6	✓	250.0	265.5	106.2
cal 7 mdq	7	✓	500.0	537.1	107.4
cal 8 mdq	8	✓	1000.0	959.9	96.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



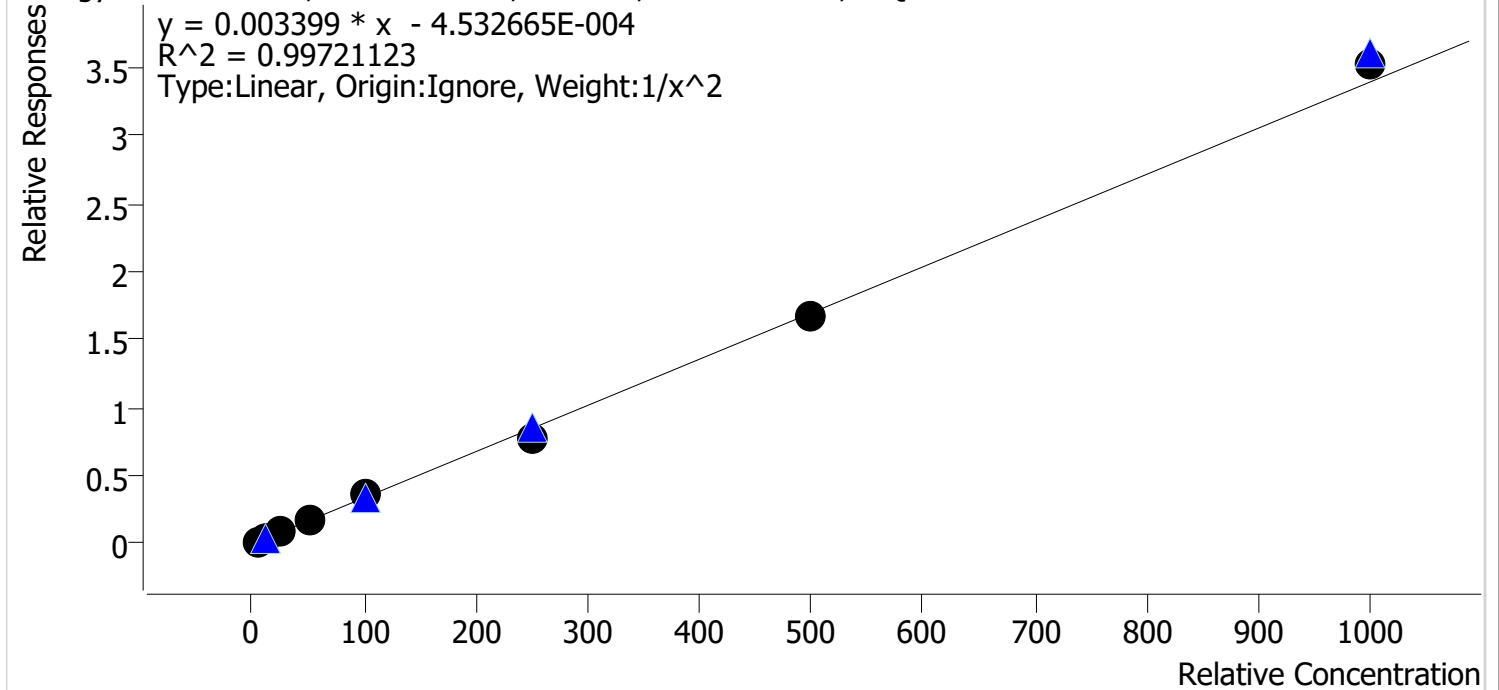
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdqr	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	94.3	94.3
cal 6 mdq	6	✓	250.0	286.9	114.8
cal 7 mdq	7	✓	500.0	494.8	99.0
cal 8 mdq	8	✓	1000.0	1004.9	100.5

Compound Calibration Report



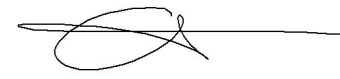
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

Mitragynine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



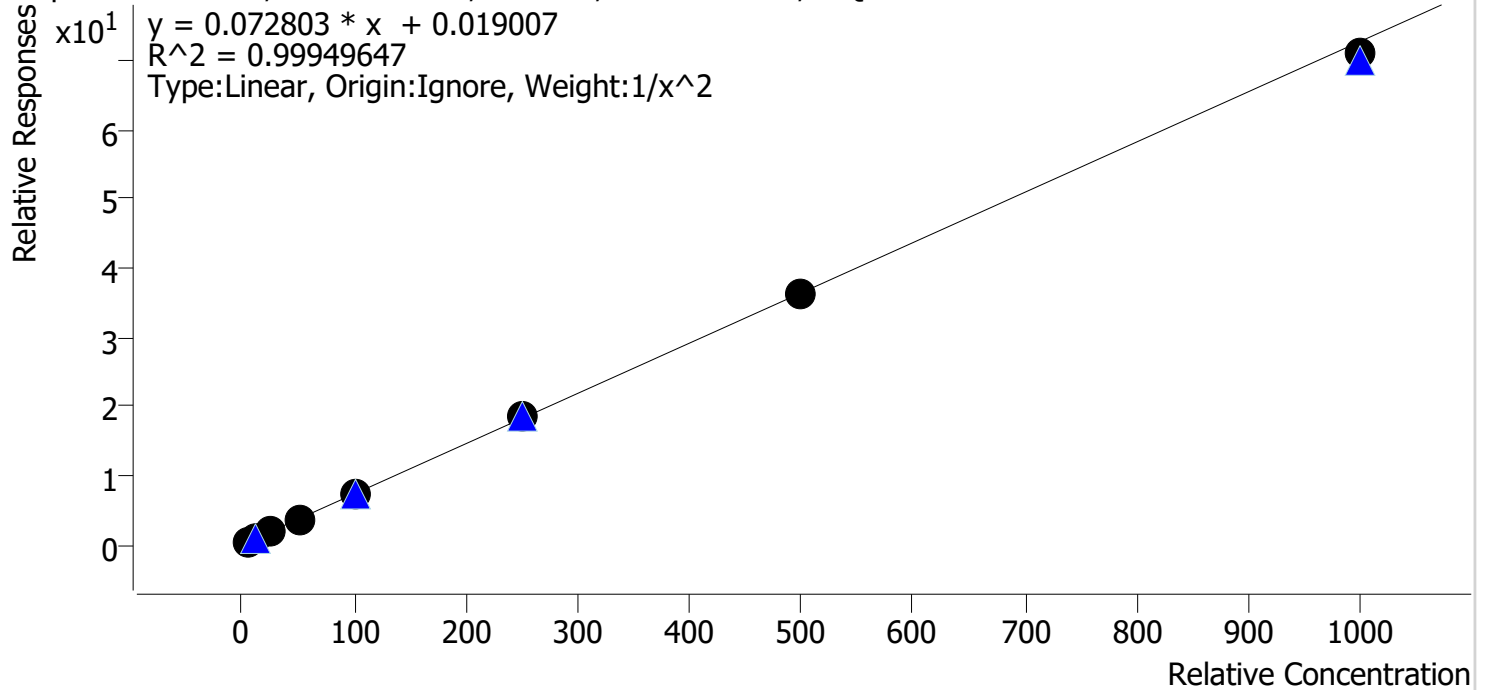
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdqr	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	26.0	104.2
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	104.1	104.1
cal 6 mdq	6	✓	250.0	225.8	90.3
cal 7 mdq	7	✓	500.0	495.0	99.0
cal 8 mdq	8	✓	1000.0	1036.1	103.6

Compound Calibration Report



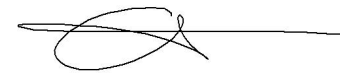
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

Morphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



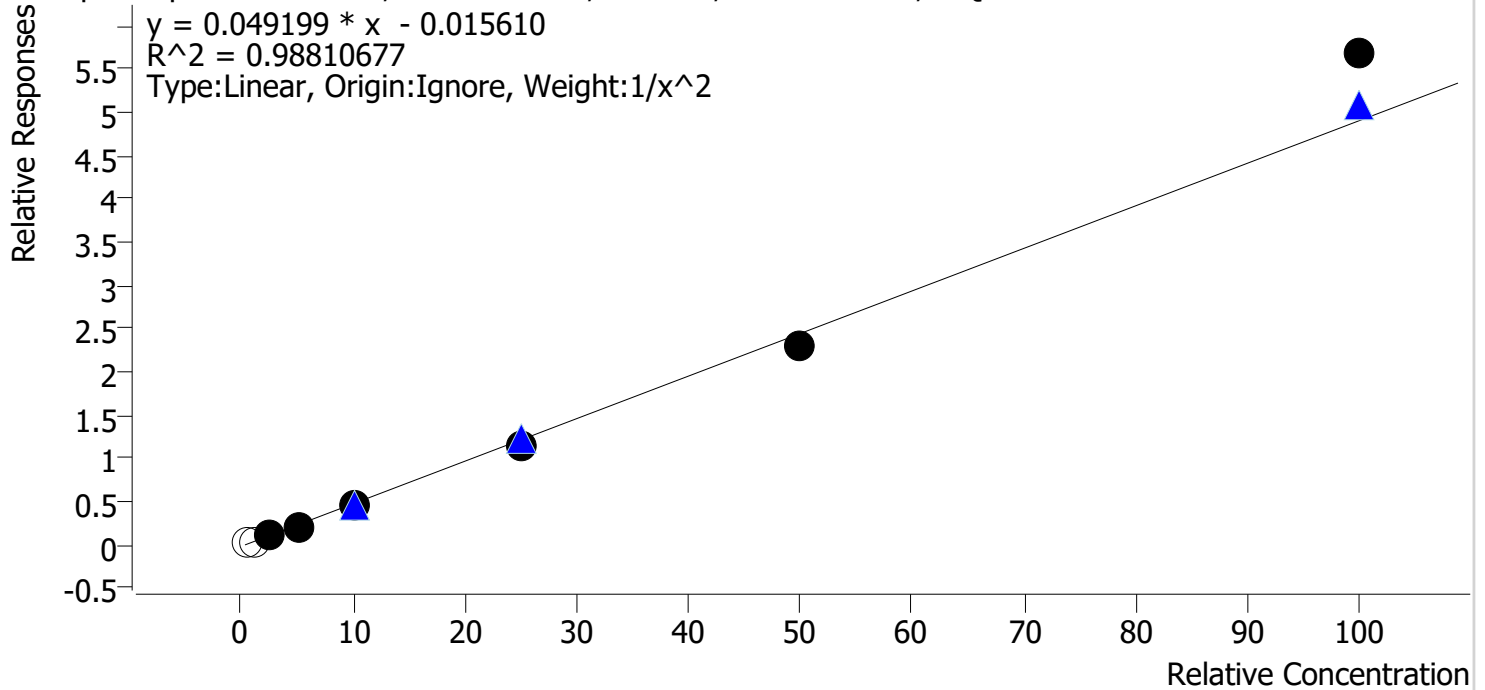
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	497.7	99.5
cal 8 mdq	8	✓	1000.0	975.9	97.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	1.1	215.3
cal 2 mdqr	2	x	1.0	1.3	126.0
cal 3 mdq	3	✓	2.5	2.6	104.6
cal 4 mdq	4	✓	5.0	4.6	92.8
cal 5 mdq	5	✓	10.0	9.8	97.8
cal 6 mdq	6	✓	25.0	23.8	95.0
cal 7 mdq	7	✓	50.0	47.1	94.1
cal 8 mdq	8	✓	100.0	115.8	115.8

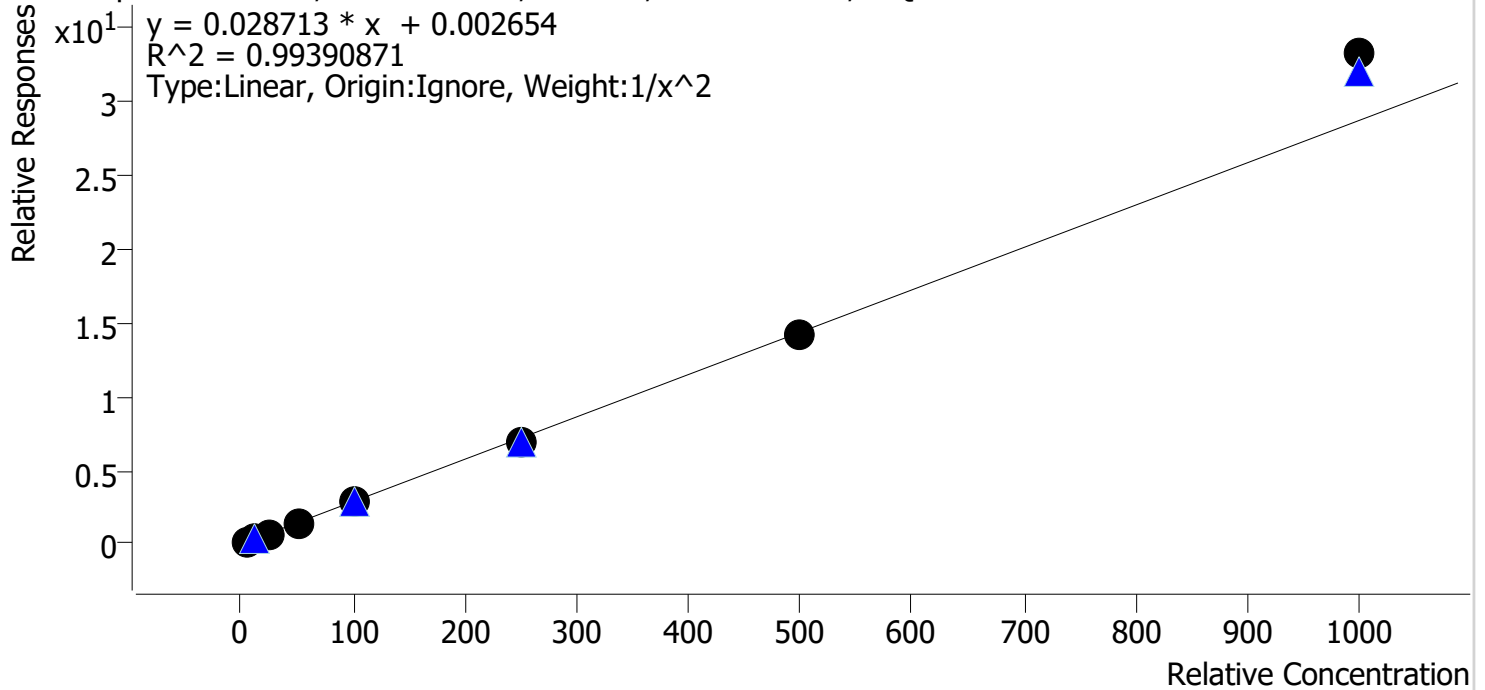
Dropped cal 1 and 2 due to poor peak shape and ratios being out.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

Nordiazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

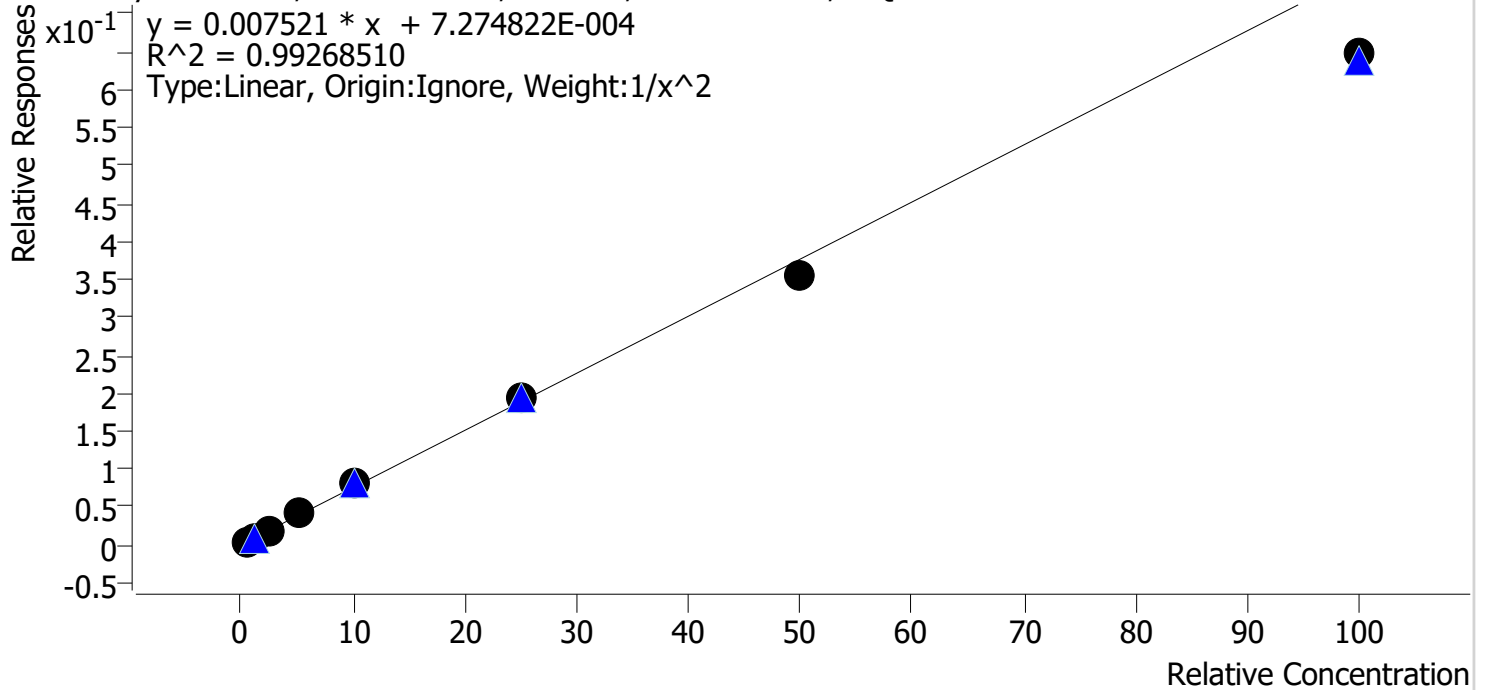


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	103.0
cal 2 mdqr	2	✓	10.0	9.7	96.5
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	47.7	95.4
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	240.7	96.3
cal 7 mdq	7	✓	500.0	494.0	98.8
cal 8 mdq	8	✓	1000.0	1157.8	115.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

Norfentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



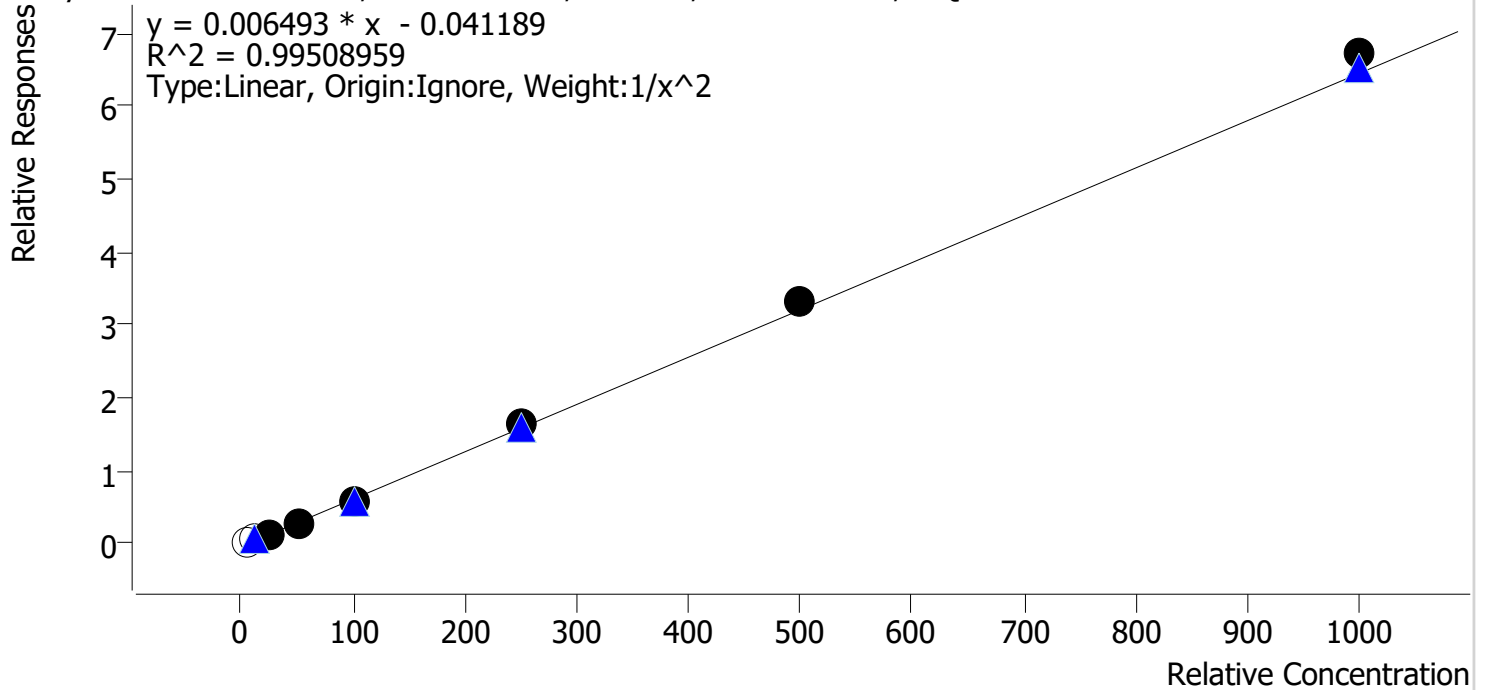
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	95.8
cal 2 mdqr	2	✓	1.0	1.1	105.6
cal 3 mdq	3	✓	2.5	2.6	102.1
cal 4 mdq	4	✓	5.0	5.4	107.6
cal 5 mdq	5	✓	10.0	10.6	106.0
cal 6 mdq	6	✓	25.0	25.8	103.1
cal 7 mdq	7	✓	50.0	47.0	93.9
cal 8 mdq	8	✓	100.0	86.0	86.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

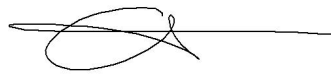
Norhydrocodone - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	9.8	196.8
cal 2 mdqr	2	x	10.0	14.2	141.9
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	47.2	94.5
cal 5 mdq	5	✓	100.0	91.4	91.4
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	516.2	103.2
cal 8 mdq	8	✓	1000.0	1041.9	104.2

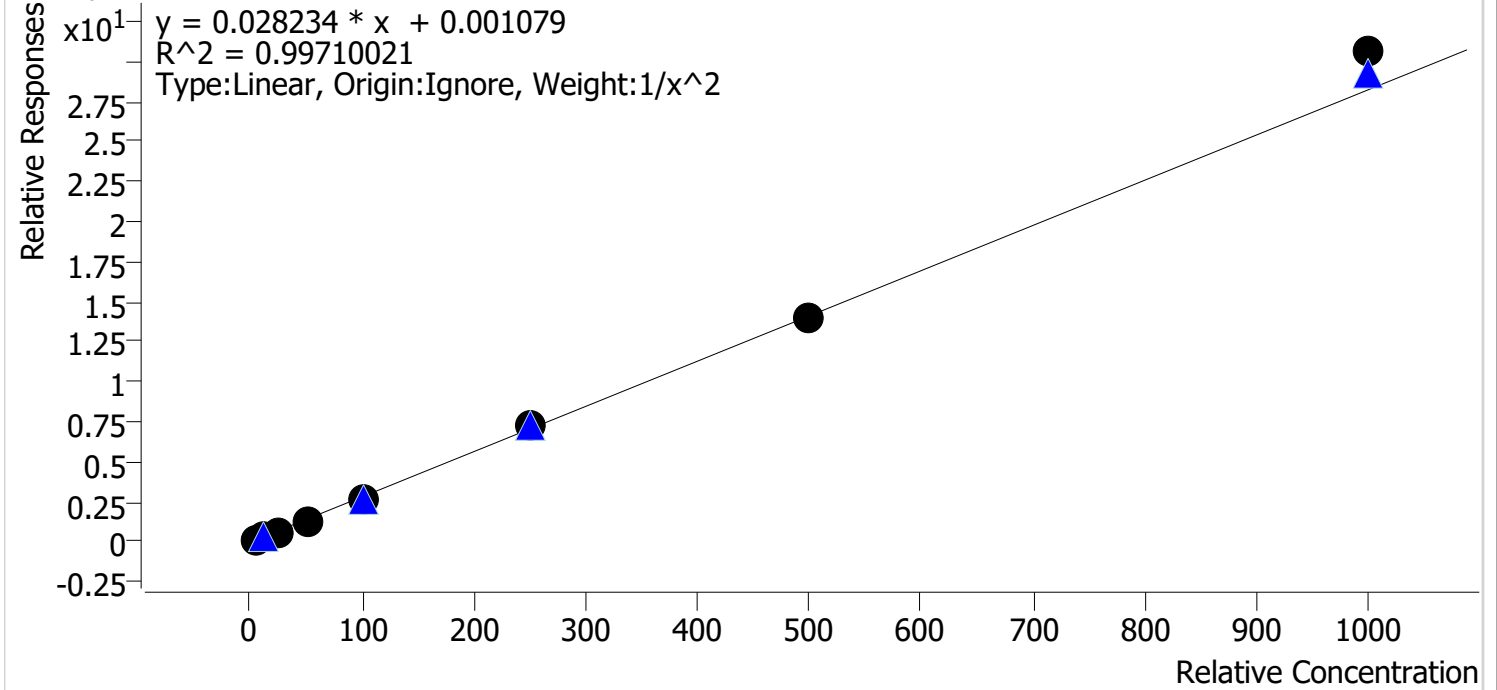
dropped cal 1 and 2 due to ratios being out and low response.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

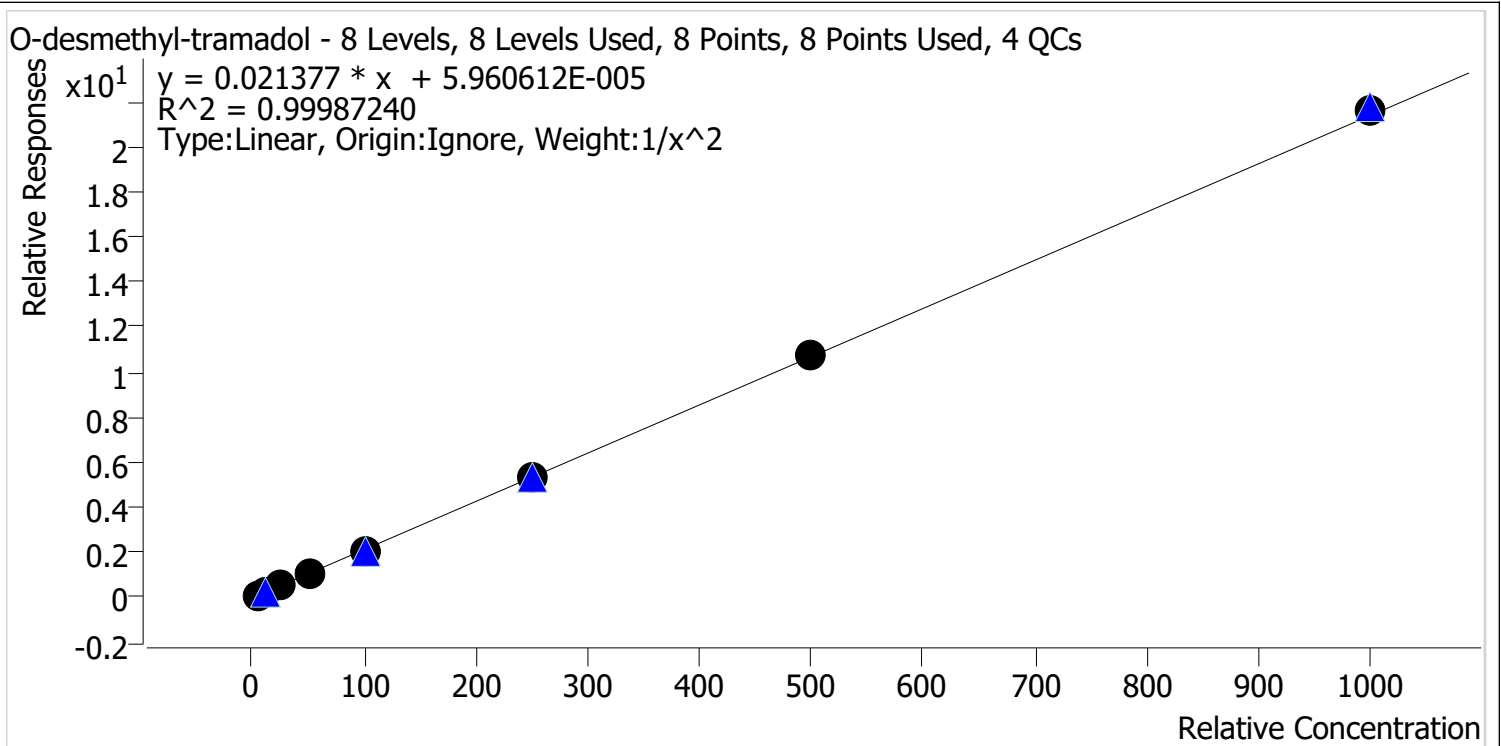
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	23.6	94.6
cal 4 mdq	4	✓	50.0	47.5	95.1
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	260.2	104.1
cal 7 mdq	7	✓	500.0	495.9	99.2
cal 8 mdq	8	✓	1000.0	1084.5	108.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin		
Last Cal. Update	5/27/2022 11:26 AM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6



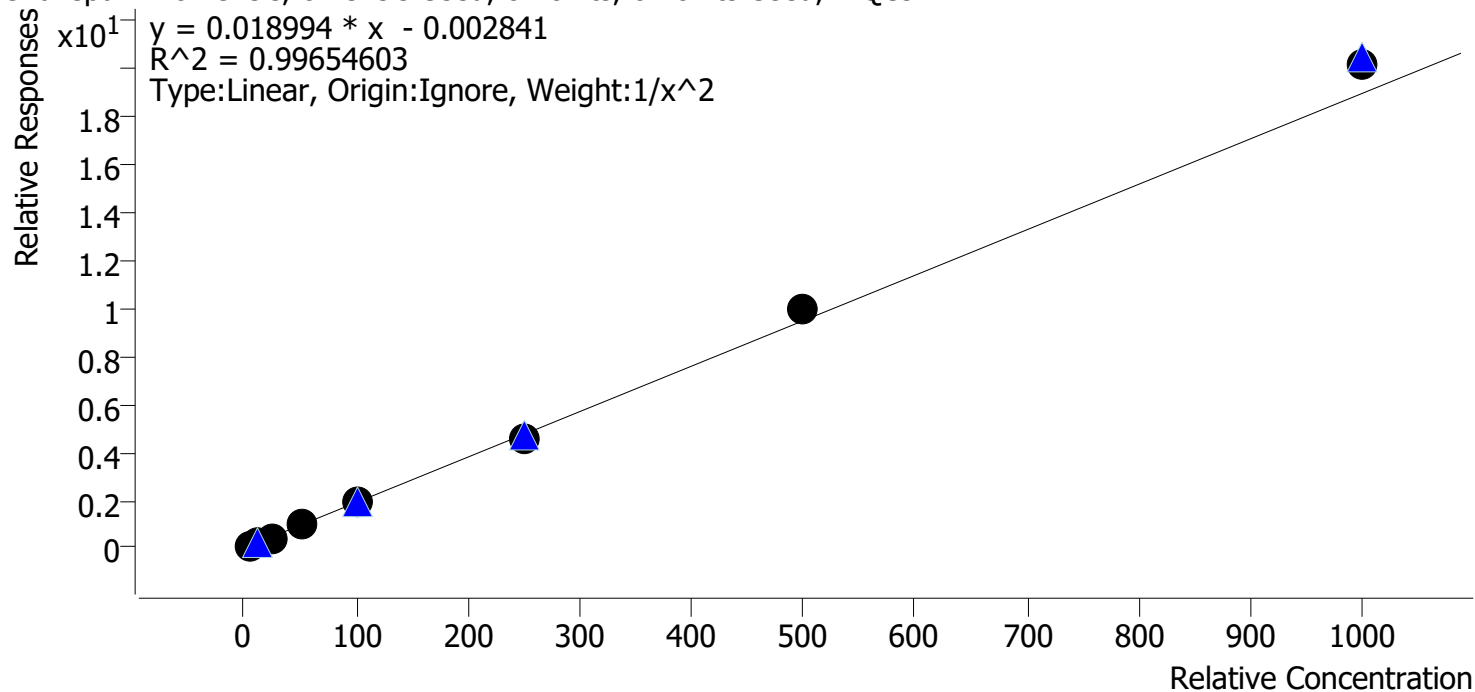
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	504.4	100.9
cal 8 mdq	8	✓	1000.0	1014.3	101.4

Compound Calibration Report



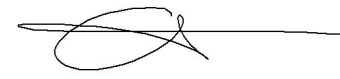
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



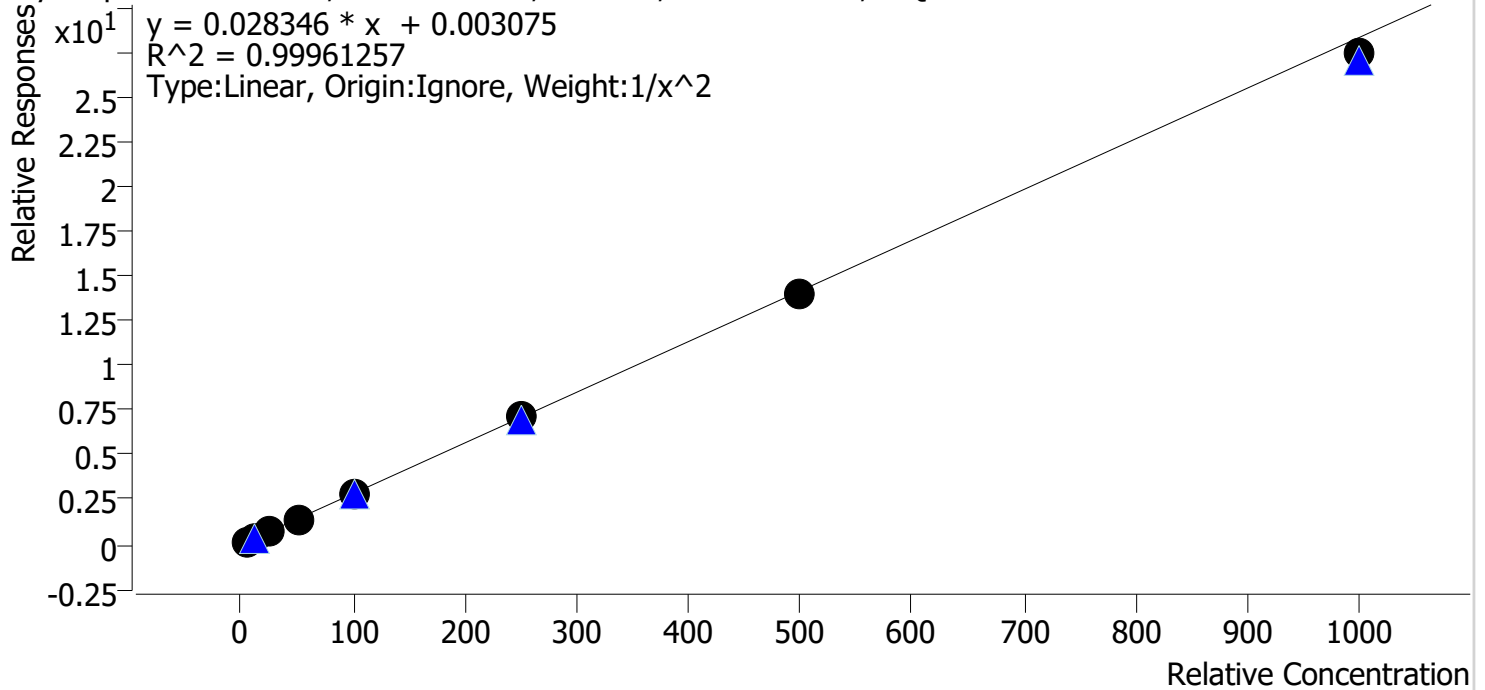
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	22.7	90.7
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	237.5	95.0
cal 7 mdq	7	✓	500.0	521.9	104.4
cal 8 mdq	8	✓	1000.0	1061.0	106.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



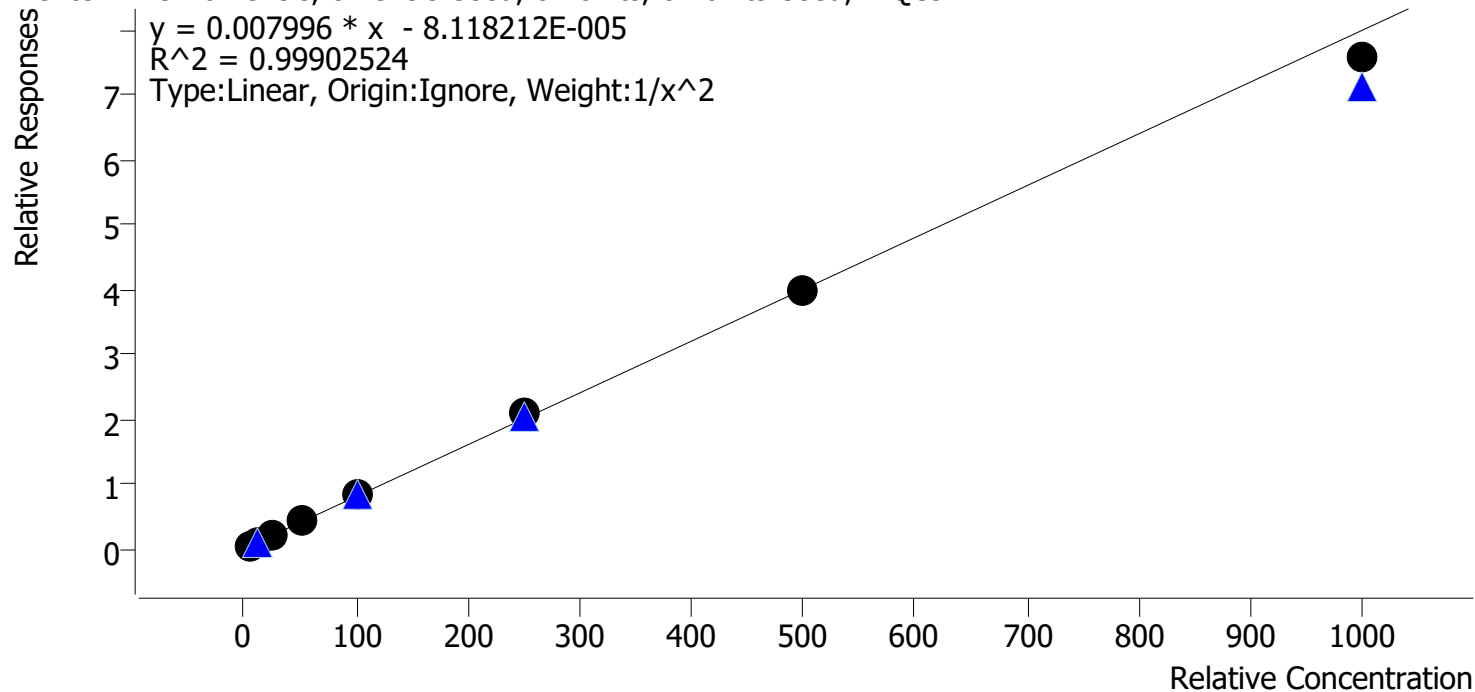
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	25.4	101.5
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	255.4	102.2
cal 7 mdq	7	✓	500.0	494.9	99.0
cal 8 mdq	8	✓	1000.0	968.2	96.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

Phentermine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



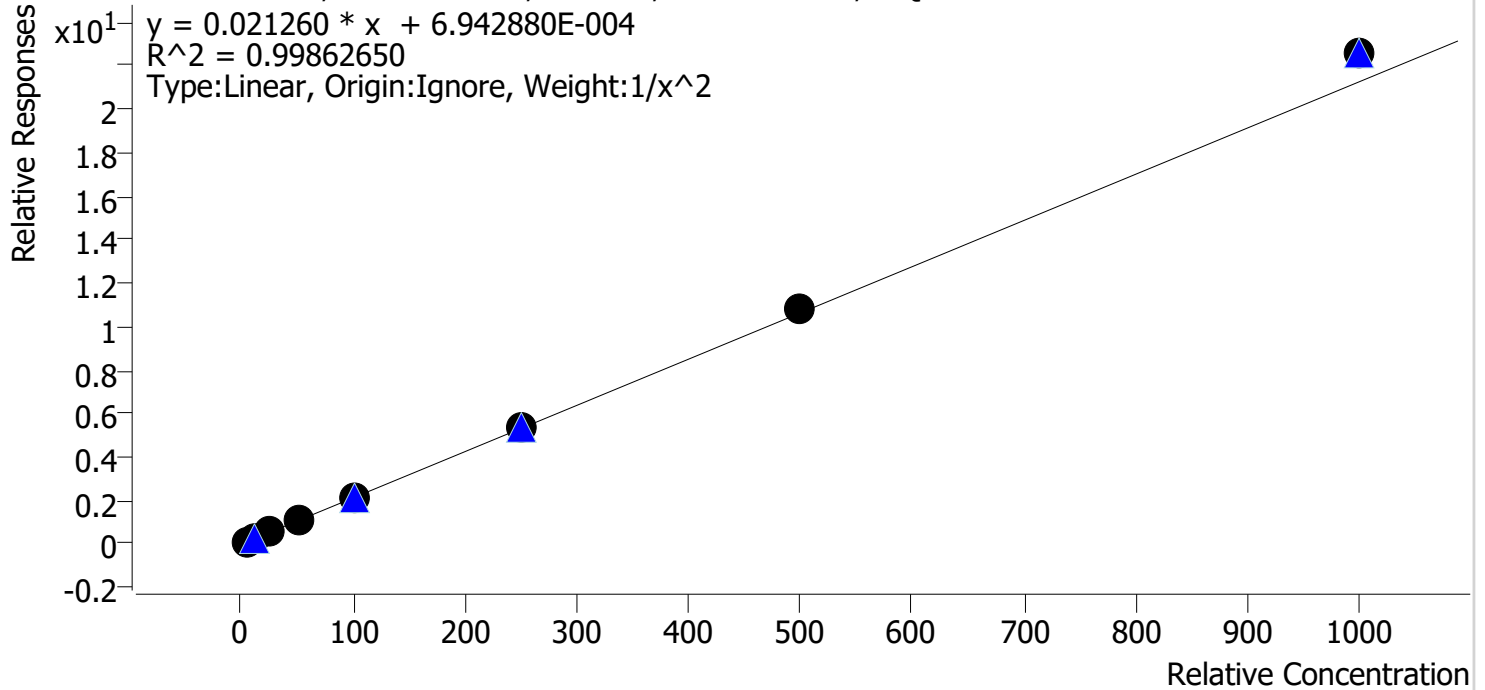
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdqr	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	258.0	103.2
cal 7 mdq	7	✓	500.0	500.9	100.2
cal 8 mdq	8	✓	1000.0	947.3	94.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



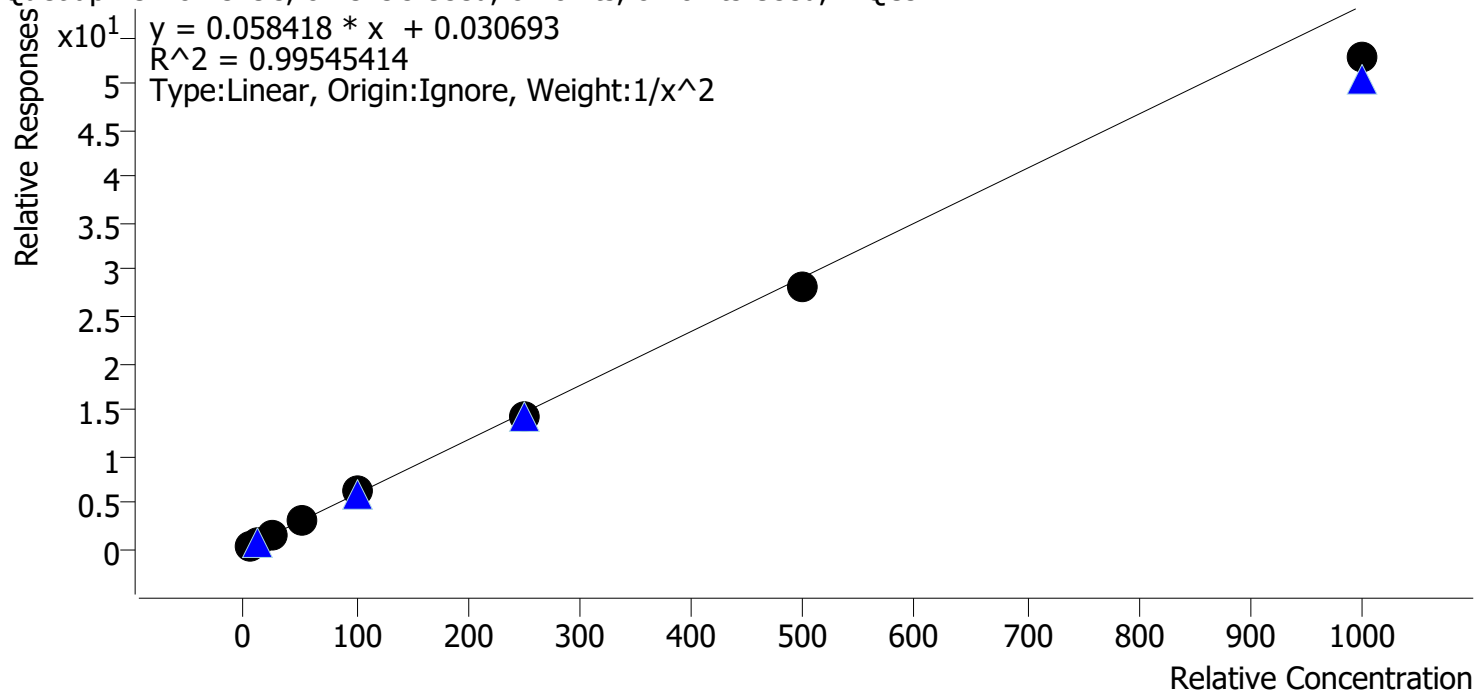
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdqr	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	510.0	102.0
cal 8 mdq	8	✓	1000.0	1059.0	105.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

Quetiapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



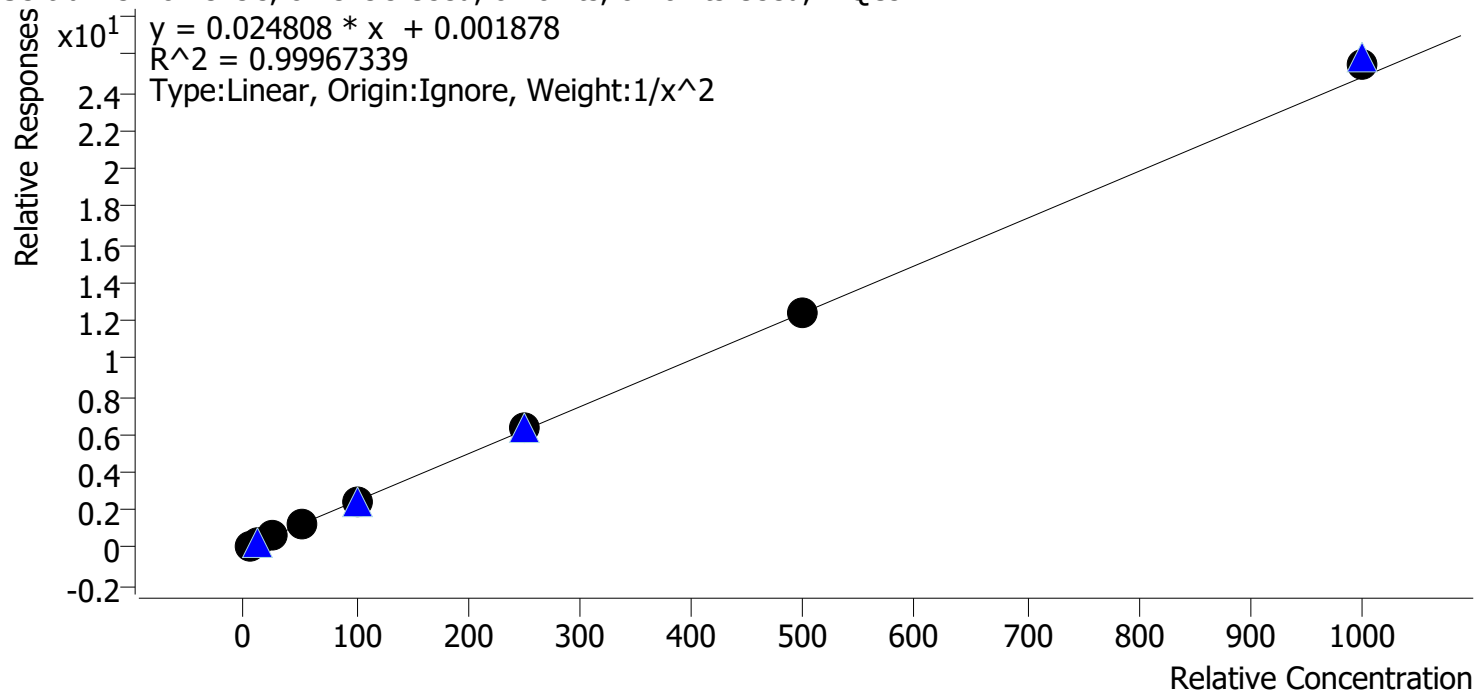
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdqr	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	25.9	103.7
cal 4 mdq	4	✓	50.0	54.8	109.7
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	243.5	97.4
cal 7 mdq	7	✓	500.0	481.0	96.2
cal 8 mdq	8	✓	1000.0	904.4	90.4

Compound Calibration Report



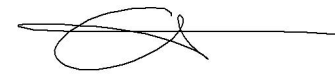
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

Sertraline - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



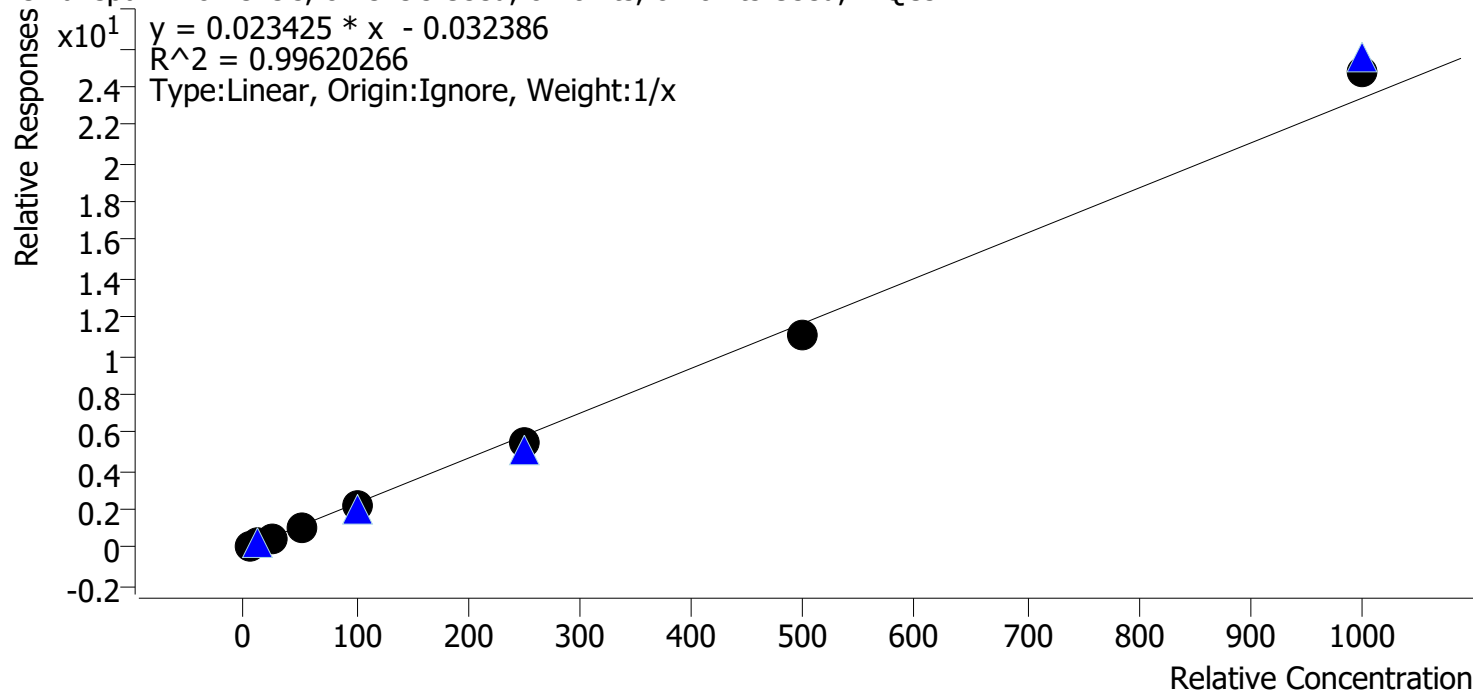
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdqr	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.6	98.2
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	496.4	99.3
cal 8 mdq	8	✓	1000.0	1030.1	103.0

Compound Calibration Report



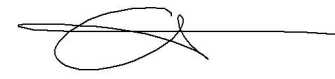
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

Temazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



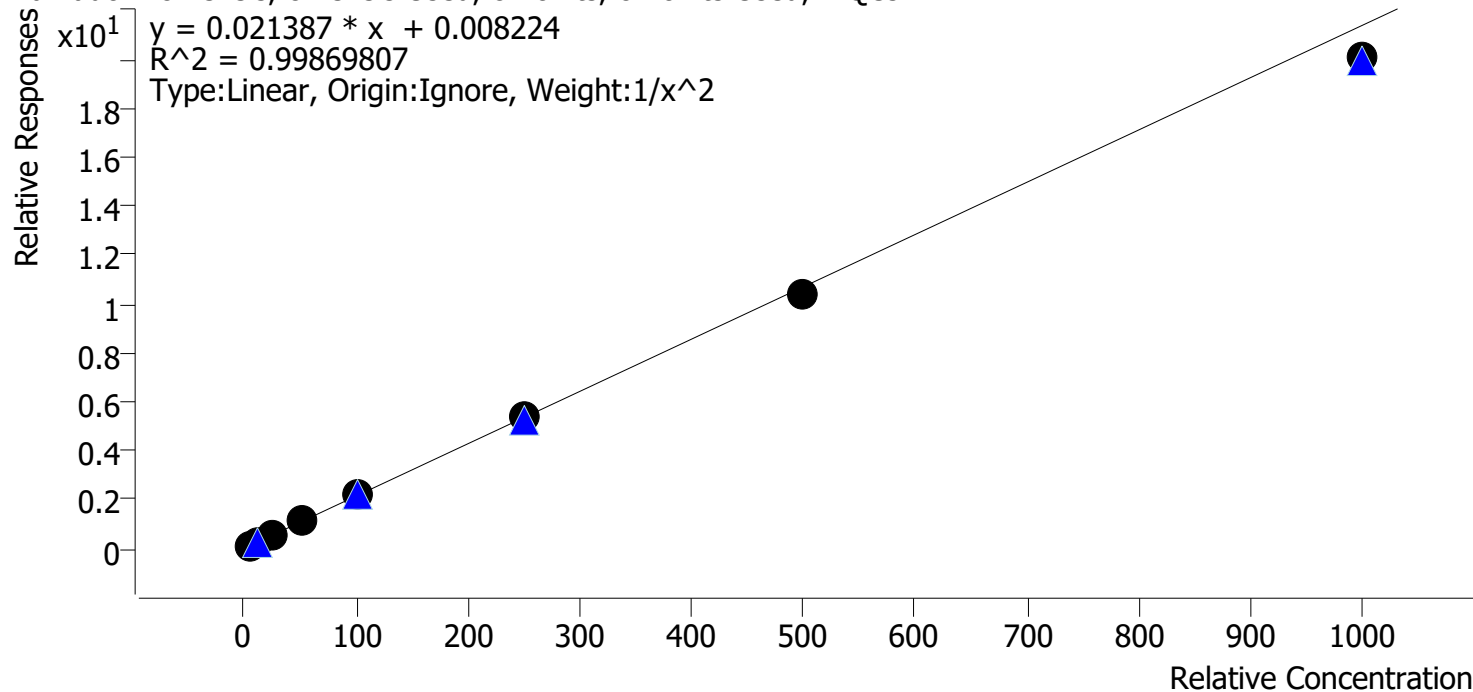
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.9	117.9
cal 2 mdqr	2	✓	10.0	10.8	107.5
cal 3 mdq	3	✓	25.0	23.7	94.8
cal 4 mdq	4	✓	50.0	46.6	93.1
cal 5 mdq	5	✓	100.0	93.4	93.4
cal 6 mdq	6	✓	250.0	234.4	93.8
cal 7 mdq	7	✓	500.0	470.2	94.0
cal 8 mdq	8	✓	1000.0	1055.1	105.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

Tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdqr	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	26.0	103.8
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	489.4	97.9
cal 8 mdq	8	✓	1000.0	938.4	93.8

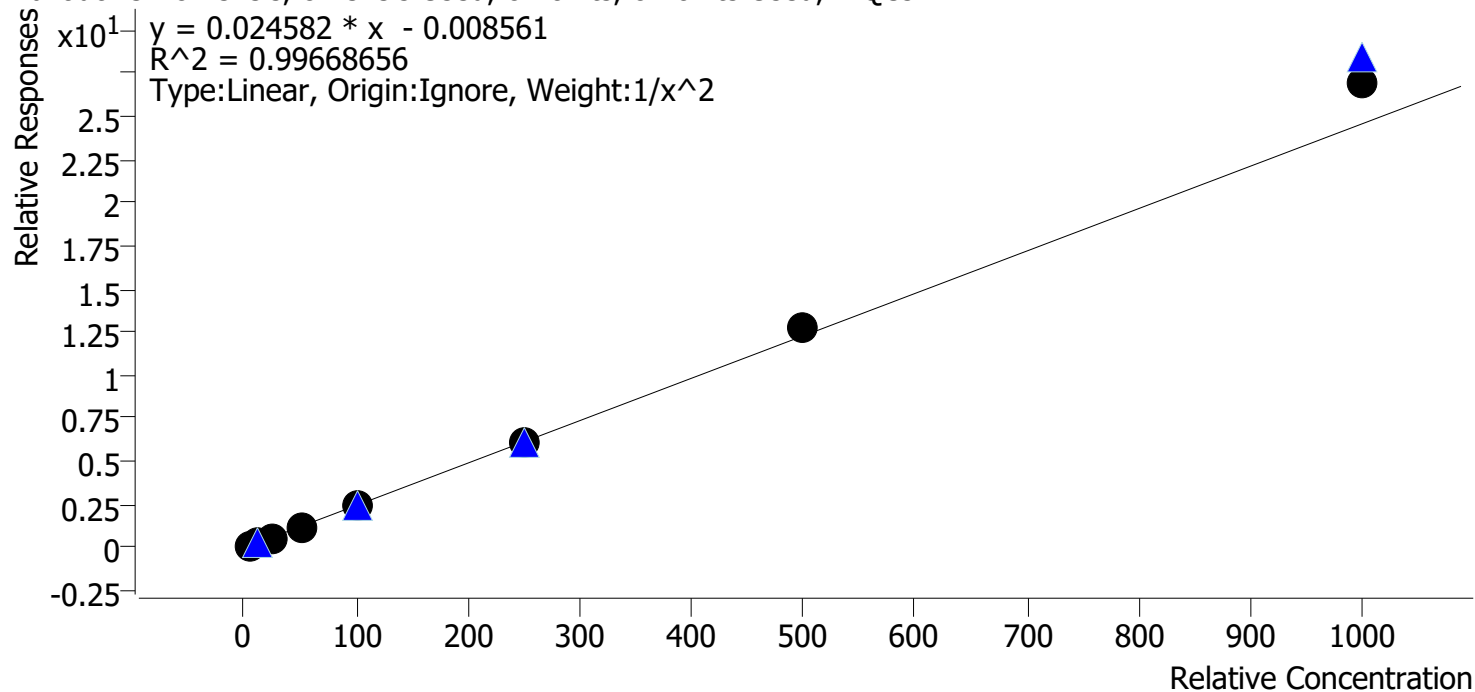
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Trazodone

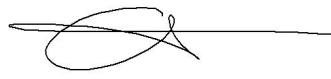
Internal Standard Trazodone-D6

Trazodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

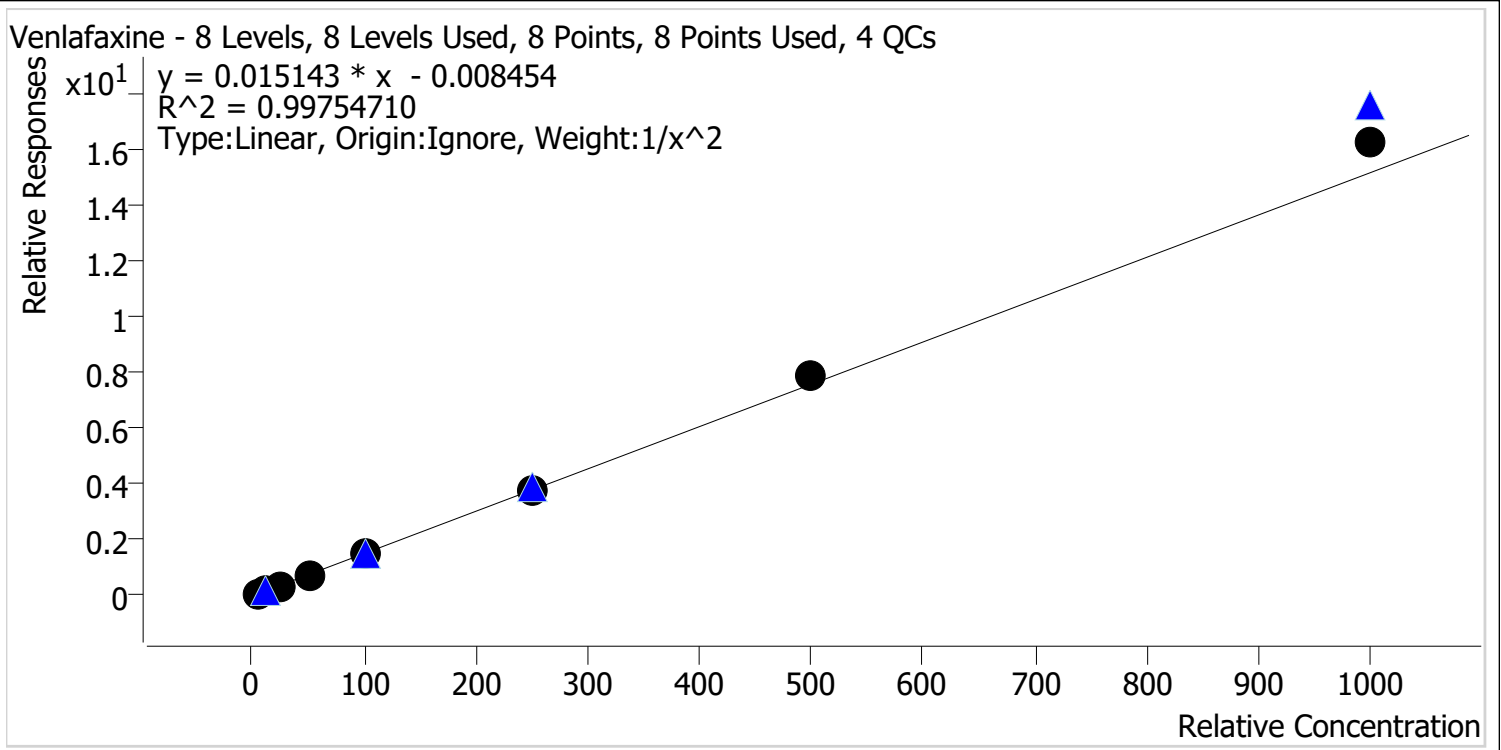


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdqr	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	23.6	94.4
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	96.0	96.0
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	521.4	104.3
cal 8 mdq	8	✓	1000.0	1094.7	109.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



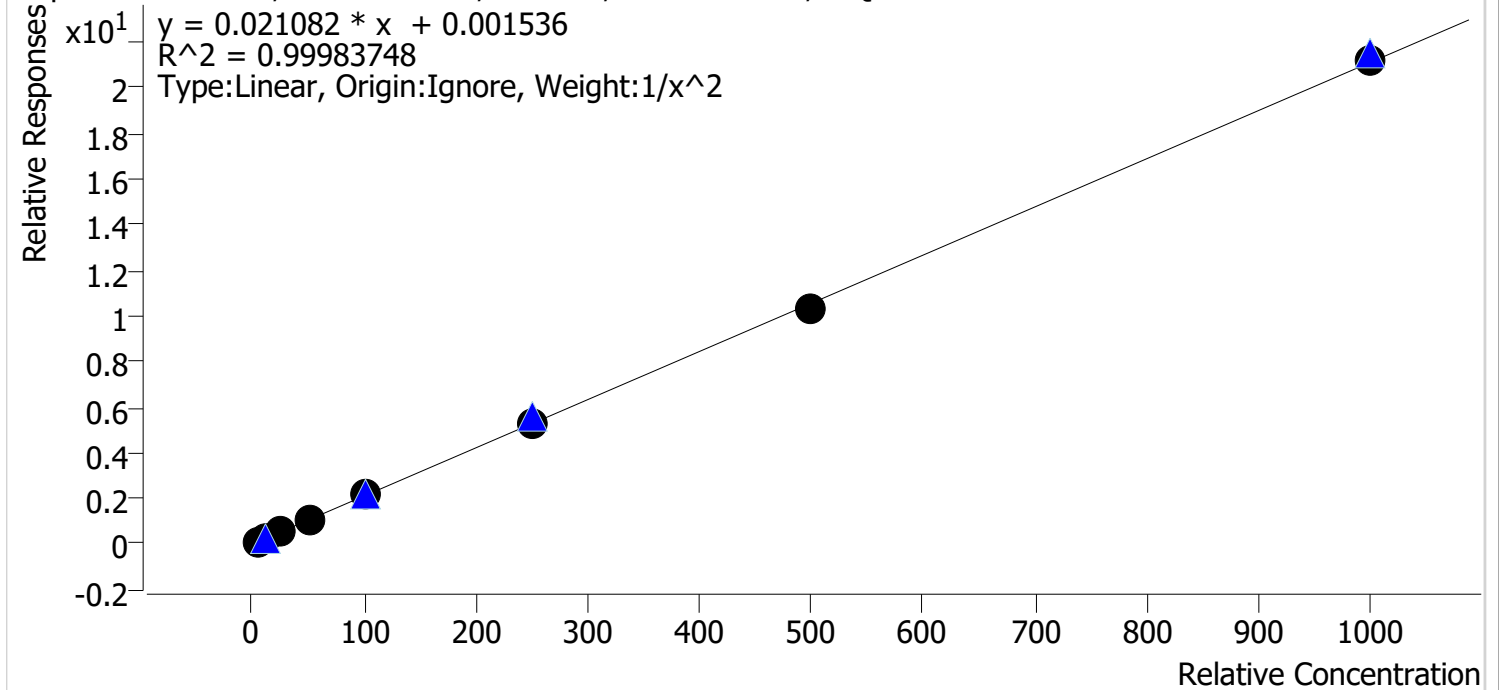
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdqr	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	47.5	95.0
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	250.4	100.1
cal 7 mdq	7	✓	500.0	518.4	103.7
cal 8 mdq	8	✓	1000.0	1075.3	107.5

Compound Calibration Report



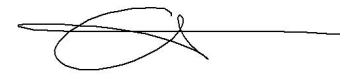
Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



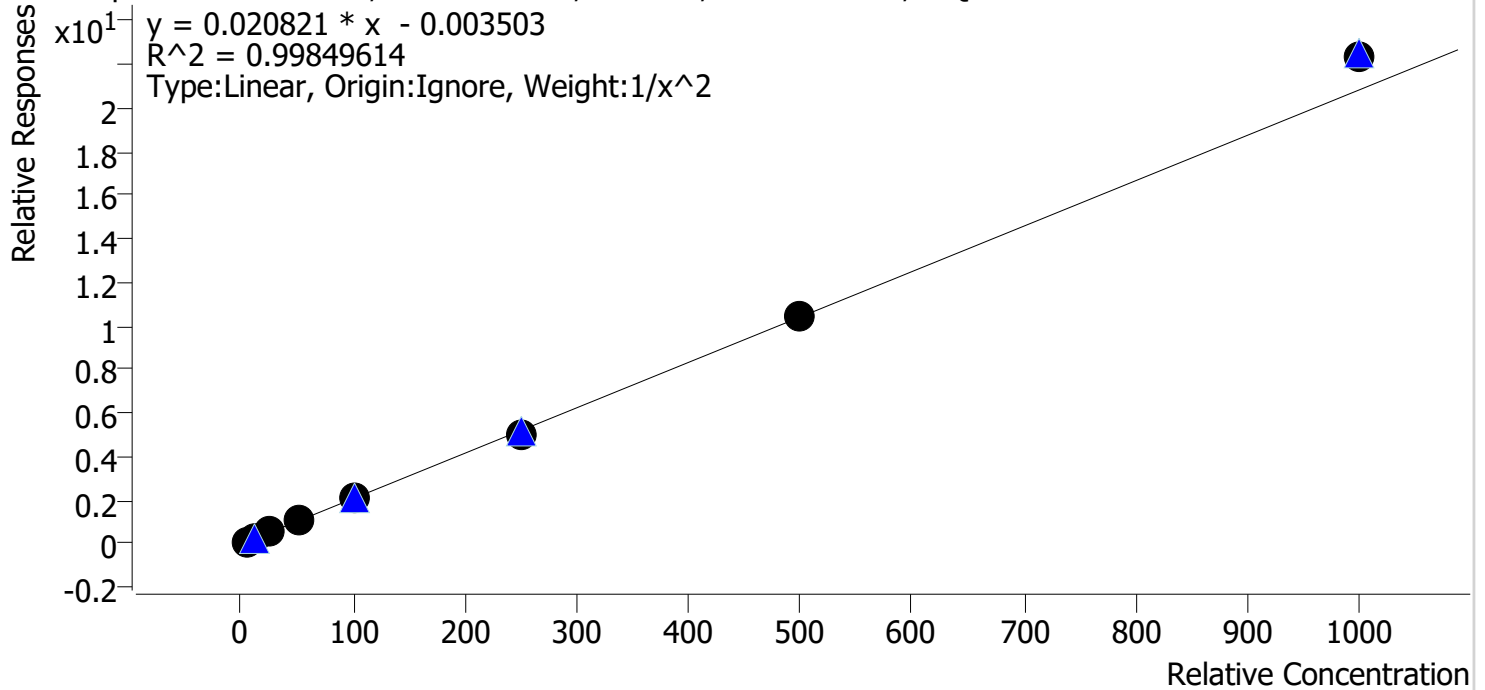
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	490.0	98.0
cal 8 mdq	8	✓	1000.0	1003.8	100.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

Pseudoephedrine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



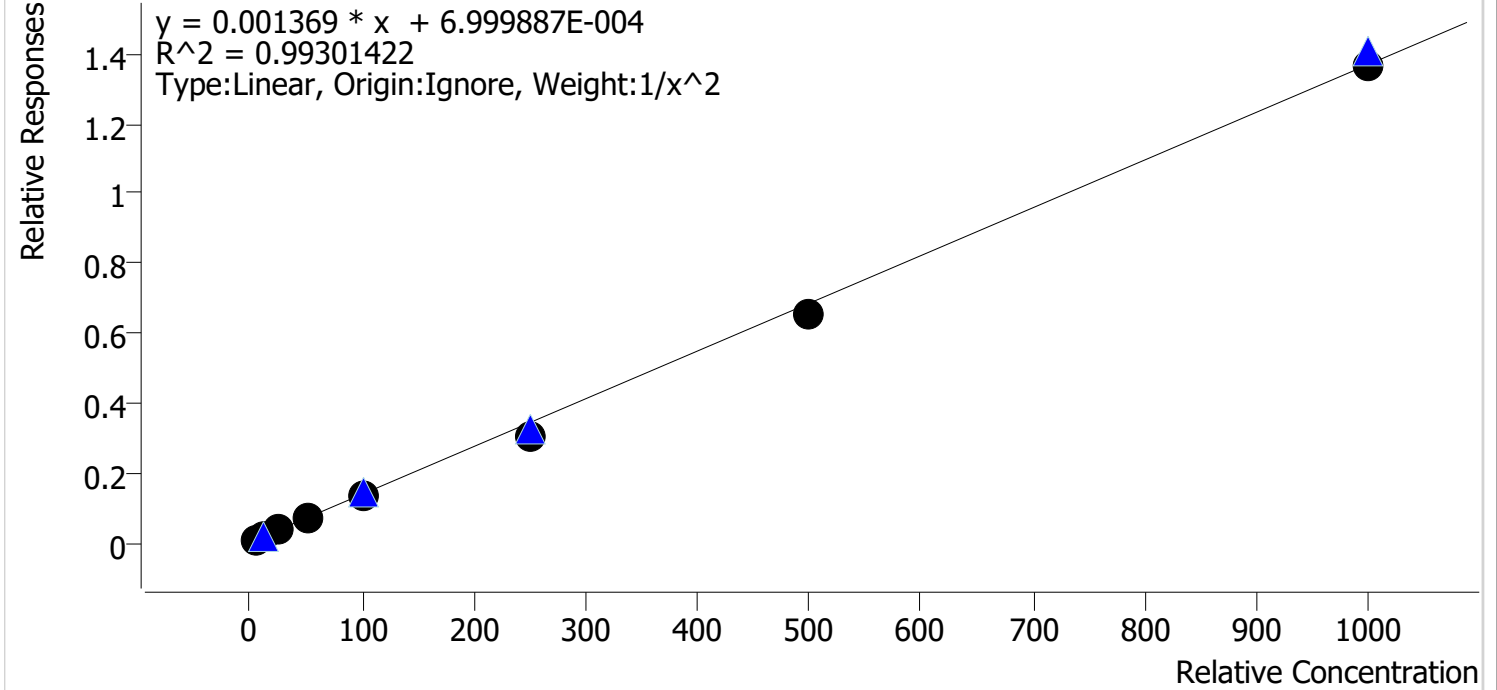
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdqr	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.3	97.0
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	243.8	97.5
cal 7 mdq	7	✓	500.0	504.2	100.8
cal 8 mdq	8	✓	1000.0	1071.4	107.1

Compound Calibration Report



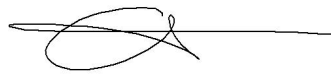
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Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

Levetiracetam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



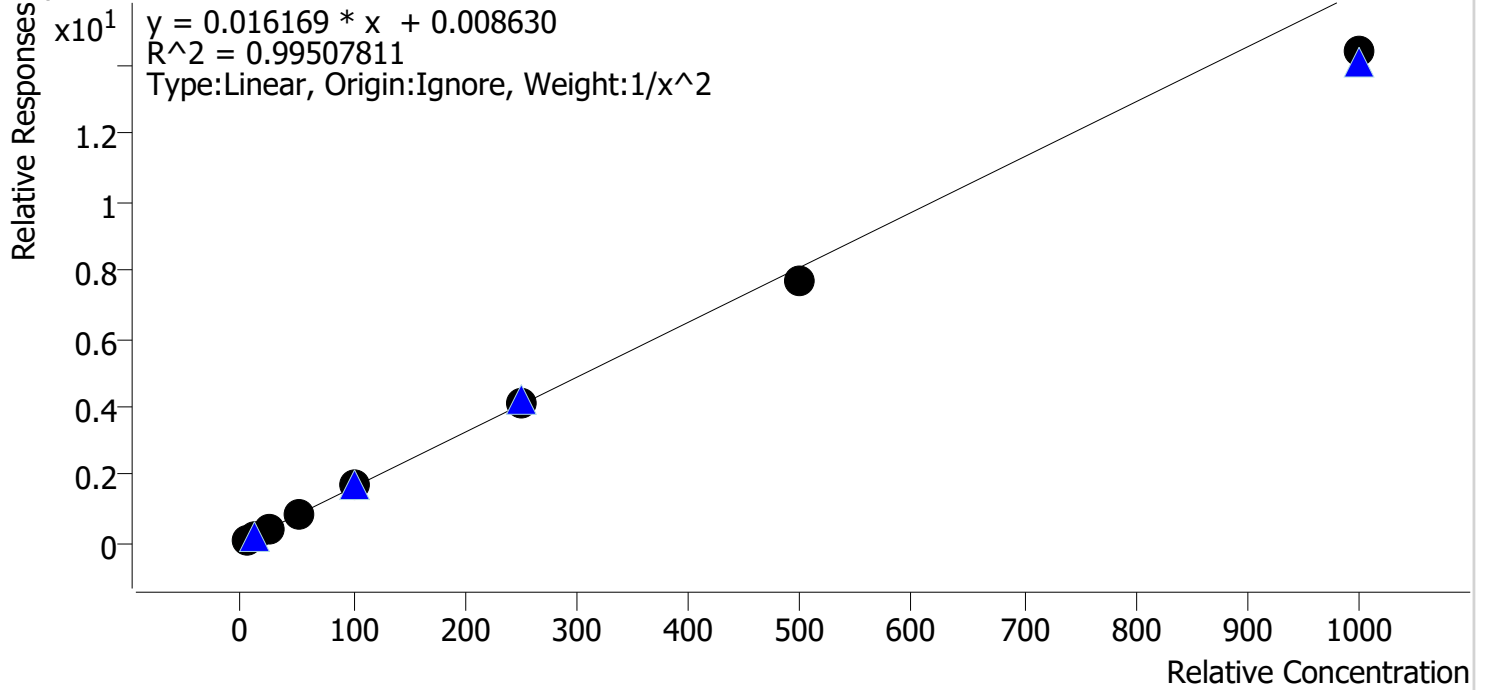
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.5
cal 2 mdqr	2	✓	10.0	10.7	106.7
cal 3 mdq	3	✓	25.0	27.1	108.3
cal 4 mdq	4	✓	50.0	53.9	107.8
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	220.3	88.1
cal 7 mdq	7	✓	500.0	474.5	94.9
cal 8 mdq	8	✓	1000.0	995.5	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Last Cal. Update 5/27/2022 11:26 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



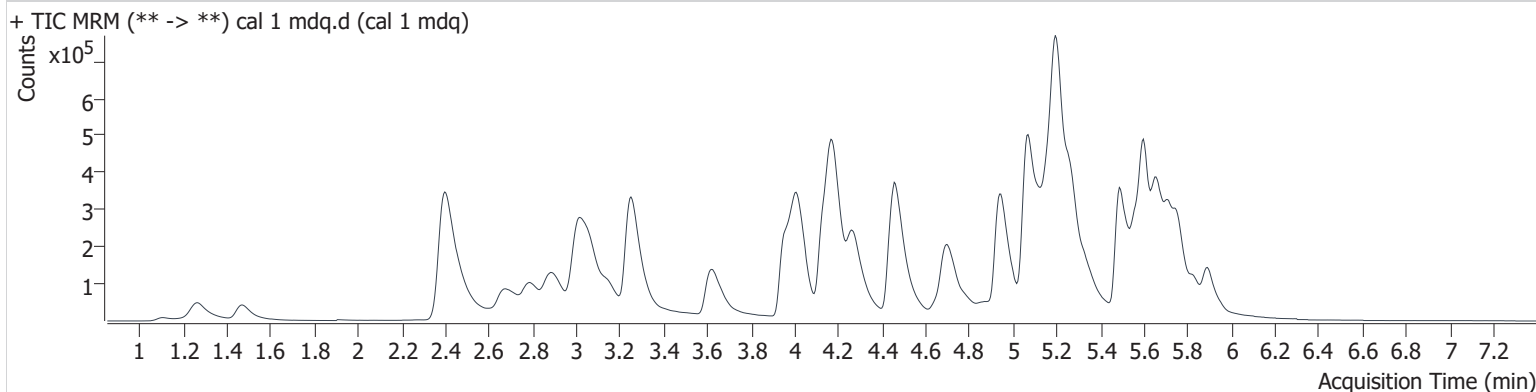
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdqr	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	26.4	105.7
cal 4 mdq	4	✓	50.0	53.6	107.2
cal 5 mdq	5	✓	100.0	105.4	105.4
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	474.1	94.8
cal 8 mdq	8	✓	1000.0	891.5	89.1

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument	69679	Data File	cal 1 mdq.d
Type	Cal	Sample	cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A1	Comment	
Injection Volume	3		
Acq. Date-Time	5/25/2022 3:42:47 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.038	1633	2806.8	123.9	15753.8	75962	0.511 ng/ml
7-aminoclonazepam	4.203	28016	12318.5	75.7	14596.5	209820	5.077 ng/ml
a-hydroxyalprazolam	5.659	3808	∞	66.1	∞	208903	34.600 ng/ml
alpha-PHP	4.857	65919	50093.1	40.8	17635.5	679574	4.988 ng/ml
alpha-PVP	4.287	90820	144220.1	53.4	4722.0	679574	5.058 ng/ml
Alprazolam	5.718	45087	∞	94.5	2946.5	316234	5.534 ng/ml
Amphetamine	2.869	62086	428.0	230.6	509.0	457794	5.049 ng/ml
Benzoylcegonine	3.795	1650	3333.8	48.4	63.9	8688	5.125 ng/ml
Buprenorphine	5.929	3627	3322.2	18.6	396.6	124205	0.467 ng/ml
Bupropion	4.722	79497	99264.5	77.2	826.5	775957	5.099 ng/ml
Carisoprodol	5.673	22319	∞	74.0	∞	210524	5.183 ng/ml
Citalopram	5.136	66369	1970.1	39.5	26044.1	603894	4.967 ng/ml
Clonazepam	5.560	19974	74753.1	36.2	34323.5	74159	4.913 ng/ml
Clonazepam	5.501	25205	5158.9	38.4	733.5	472052	5.884 ng/ml
Cocaine	4.176	68727	∞	49.9	∞	1051857	5.029 ng/ml
Codeine	2.468	9847	55420.4	97.8	23525.5	87203	4.979 ng/ml
Cyclobenzaprine	5.573	85339	27915.2	8.6	∞	494320	4.978 ng/ml
Dextromethorphan	5.174	49197	52446.6	81.2	433.0	415664	5.075 ng/ml
Dextrophan	4.022	57417	29094.2	44.6	∞	551559	5.493 ng/ml
Diazepam	5.896	28066	5349.4	82.7	∞	260677	5.081 ng/ml
Dihydrocodeine	2.417	24436	289.5	62.6	1094.4	276732	4.927 ng/ml
Diphenhydramine	5.206	196670	4698.5	32.8	10075.3	2253123	5.079 ng/ml
Doxylamine	4.472	205067	47159.8	76.6	3875.0	1520373	5.029 ng/ml
EDDP	5.174	80114	2334.2	40.9	47169.4	775967	5.131 ng/ml
Etizolam	5.758	21093	∞	25.7	7872.8	260677	5.068 ng/ml
Fentanyl	5.083	7566	∞	113.1	8600.1	746397	0.486 ng/ml
Flualprazolam	5.654	18938	∞	101.6	15524.4	316234	4.901 ng/ml
Fluoxetine	5.660	79712	176347.4	6.7	1837.5	579583	5.048 ng/ml
Hydrocodone	2.927	26306	286.3	39.4	388.2	279297	4.969 ng/ml
Hydromorphone	1.478	24127	417.2	72.2	611.9	145680	5.036 ng/ml
Ketamine	4.018	60466	8694.8	35.8	244.0	568118	4.956 ng/ml
Lamotrigine	4.204	6607	1467.2	92.0	20300.8	395727	5.383 ng/ml
Levetiracetam	2.491	11392	772.8	141.6	784.5	1589194	4.725 ng/ml

AM #28 Multi-Drug Quant. Results

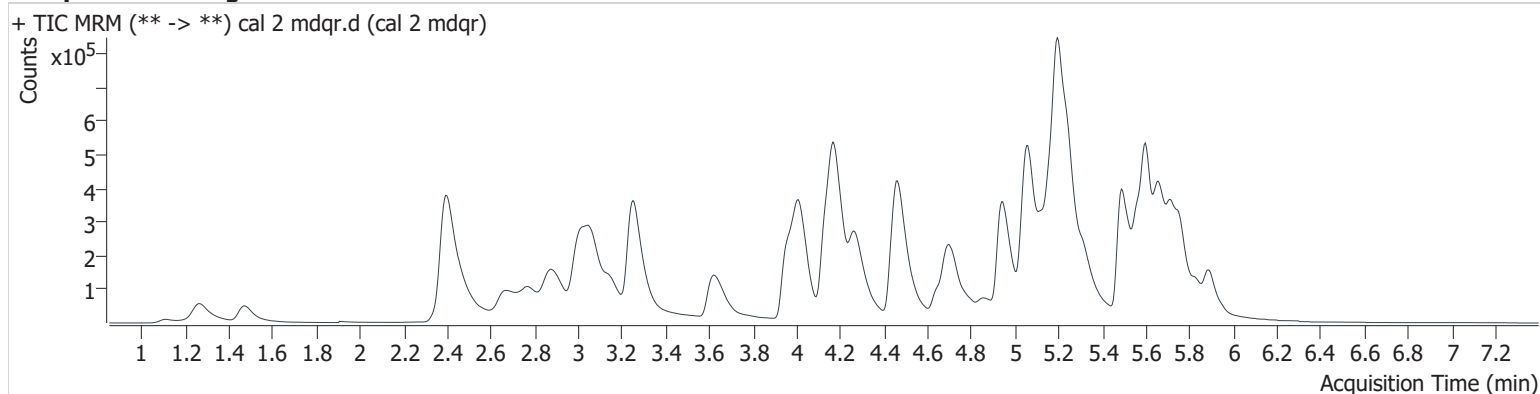
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	9694	∞	50.9	438.8	208903	4.965 ng/ml
MDA	3.052	72026	2501.8	28.7	457.6	395727	4.946 ng/ml
MDMA	3.159	58821	364238.1	98.5	2236.4	106123	5.071 ng/ml
Meprobamate	4.816	13815	6342.4	31.0	∞	85081	4.794 ng/ml
Methadone	5.602	129489	29836.2	55.5	78322.9	1106836	5.128 ng/ml
Methamphetamine	3.073	156842	17.2	39.6	14.9	994035	4.848 ng/ml
Metoprolol	4.234	15312	1371.8	99.0	∞	395727	5.847 ng/ml
Mirtazapine	4.659	135280	∞	50.7	1890653.5	1106836	5.086 ng/ml
Mitragynine	5.228	25891	88912.4	32.0	4033.7	1589194	4.926 ng/ml
Morphine	1.117	4291	395.5	24.2	86.1	11279	4.965 ng/ml
Norbuprenorphine	4.911	824	1756.2	96.6	∞	22078	1.076 ng/ml
Nordiazepam	5.840	25099	∞	61.6	∞	166781	5.149 ng/ml
Norfentanyl	3.982	4560	158.5	36.5	∞	1052980	0.479 ng/ml
Norhydrocodone	2.928	1507	18.9	27.5	8.7 Low	66414	9.838 ng/ml
Noroxycodone	2.763	19176	398.7	47.9	165.8	132340	5.094 ng/ml
O-desmethyl-tramadol	3.256	148611	15331.0	6.4	1346.4	1379741	5.036 ng/ml
Oxazepam	5.692	19301	905.1	72.1	139.0	208903	5.014 ng/ml
Oxymorphone	1.270	37901	∞	44.5	∞	262089	4.993 ng/ml
Phentermine	3.658	25323	71.5	11.1	∞	628511	5.049 ng/ml
Promethazine	5.488	127330	125685.9	39.1	5843.5	1167283	5.098 ng/ml
Pseudoephedrine	2.410	163150	1978.8	16.6	432.2	1589194	5.099 ng/ml
Quetiapine	5.564	82555	∞	62.6	132905.8	261144	4.886 ng/ml
Sertraline	5.723	31312	36025.7	100.6	∞	246540	5.044 ng/ml
Temazepam	5.766	49878	9202.2	30.1	71.5	472052	5.893 ng/ml
Tramadol	4.152	148487	∞	3.3	132.9	1304553	4.937 ng/ml
Trazodone	5.344	101782	∞	81.3	360840.0	868544	5.115 ng/ml
Venlafaxine	4.944	100616	388401.8	40.2	547.3	1473047	5.069 ng/ml
Zolpidem	5.089	157350	∞	29.7	113138.7	1467135	5.014 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 **Data File** cal 2 mdqr.d
Type Cal **Sample** cal 2 mdqr
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-B1 **Comment**
Injection Volume 3
Acq. Date-Time 5/25/2022 3:51:50 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	2863	5041.2	140.5	5546.4	72802	0.957 ng/ml
7-aminoclonazepam	4.197	57767	6984.6	71.2	848.7	213240	9.937 ng/ml
a-hydroxyalprazolam	5.633	7545	∞	53.8	∞	196561	36.650 ng/ml
alpha-PHP	4.857	132680	17879.9	37.9	6861.6	655845	10.095 ng/ml
alpha-PVP	4.287	174628	8511.2	54.1	4996.8	655845	9.874 ng/ml
Alprazolam	5.718	82423	∞	91.4	1124.8	299470	9.917 ng/ml
Amphetamine	2.864	122754	1409.9	262.2	1579.3	442799	9.893 ng/ml
Benzoylcegonine	3.790	3170	2997.8	53.2	256.1	9266	9.936 ng/ml
Buprenorphine	5.898	8453	21003.7	17.4	∞	125420	1.005 ng/ml
Bupropion	4.717	156008	15116.7	72.6	2081.9	752036	9.774 ng/ml
Carisoprodol	5.678	38997	78343.4	75.4	1404.2	193032	9.522 ng/ml
Citalopram	5.136	131241	6358.6	37.8	4500.7	568844	10.271 ng/ml
Clonazepam	5.560	36196	15660.8	36.7	68012.5	70247	10.051 ng/ml
Clonazepam	5.501	46325	1071.6	34.9	5313.5	442289	9.810 ng/ml
Cocaine	4.176	129110	35143.7	49.8	139081.7	1021686	9.912 ng/ml
Codeine	2.463	20067	23914.5	86.1	33316.8	84615	10.365 ng/ml
Cyclobenzaprine	5.573	167452	∞	7.9	1893.9	483136	10.035 ng/ml
Dextromethorphan	5.174	94301	1124.2	73.4	∞	398104	9.911 ng/ml
Dextrophan	4.017	107054	∞	45.7	49278.3	540195	9.943 ng/ml
Diazepam	5.891	50810	10608.3	89.2	∞	241806	9.846 ng/ml
Dihydrocodeine	2.412	45841	255.9	61.6	561.7	272087	9.886 ng/ml
Diphenhydramine	5.206	380051	6033.7	31.7	4624.6	2185255	9.873 ng/ml
Doxylamine	4.472	400723	17696.0	76.5	5711.9	1500158	9.874 ng/ml
EDDP	5.168	164432	228976.4	42.0	81745.8	843903	9.646 ng/ml
Etizolam	5.764	36623	45488.1	27.5	92195.3	241806	9.784 ng/ml
Fentanyl	5.078	13527	∞	113.3	12907.4	745959	0.913 ng/ml
Flualprazolam	5.654	36153	14448.4	94.1	1099.9	299470	10.221 ng/ml
Fluoxetine	5.660	146964	∞	7.0	6932.2	546097	9.858 ng/ml
Hydrocodone	2.917	53052	447.3	36.6	∞	280010	10.079 ng/ml
Hydromorphone	1.483	46143	1646.8	71.1	684.4	142918	9.878 ng/ml
Ketamine	4.013	115542	34772.1	38.1	2549.1	561375	9.994 ng/ml
Lamotrigine	4.204	11193	2525.6	93.0	789.9	402088	8.857 ng/ml
Levetiracetam	2.491	23482	1624.9	157.1	1097.7	1534266	10.669 ng/ml

AM #28 Multi-Drug Quant. Results

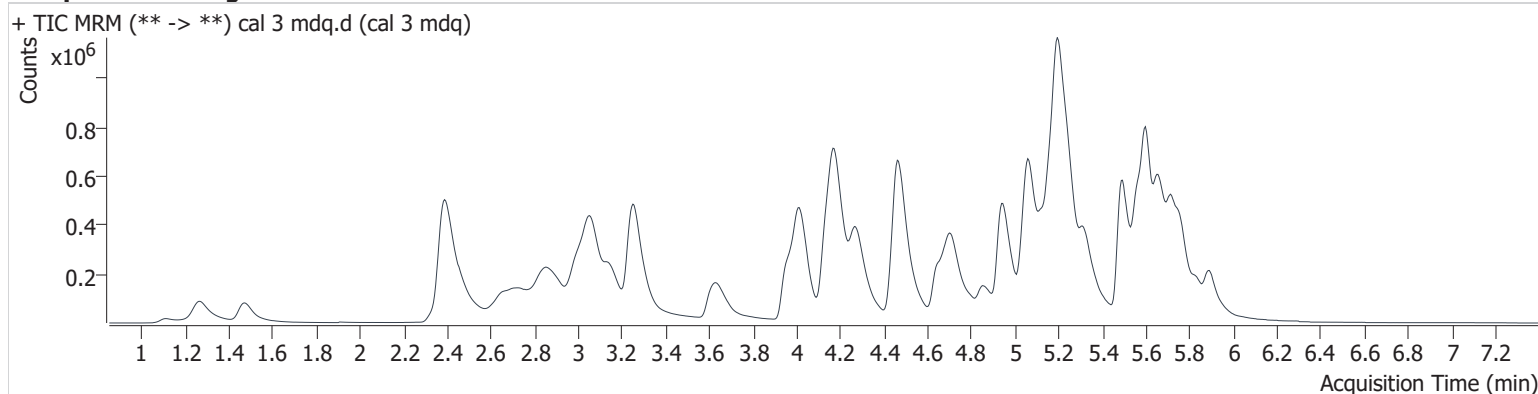
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	17946	∞	39.5	156.9	196561	10.284 ng/ml
MDA	3.047	145809	5897.7	27.1	560.3	402088	10.106 ng/ml
MDMA	3.159	113976	122881.3	97.7	1481.9	106743	10.103 ng/ml
Meprobamate	4.816	29273	34364.5	30.0	∞	92741	10.361 ng/ml
Methadone	5.602	235445	14938.4	56.2	84465.3	1046104	9.693 ng/ml
Methamphetamine	3.073	267082	30.2	38.8	25.3	959171	10.234 ng/ml
Metoprolol	4.234	29794	108983.6	95.7	∞	402088	9.876 ng/ml
Mirtazapine	4.648	261754	60968.2	47.8	209222.2	1046104	9.969 ng/ml
Mitragynine	5.218	52218	∞	28.9	13237.9	1534266	10.146 ng/ml
Morphine	1.117	7982	650.9	24.0	204.9	10480	10.200 ng/ml
Norbuprenorphine	4.937	1036	∞	85.4	∞	22339	1.260 ng/ml
Nordiazepam	5.840	43612	∞	61.0	27154.8	155866	9.652 ng/ml
Norfentanyl	3.982	8731	749.3	34.7	∞	1007225	1.056 ng/ml
Norhydrocodone	2.918	3315	273.8	22.0 Low	84.1	65089	14.185 ng/ml
Noroxycodone	2.748	37899	1018.7	42.6	193.2	134473	9.944 ng/ml
O-desmethyl-tramadol	3.261	285822	24688.5	6.1	4166.8	1353279	9.877 ng/ml
Oxazepam	5.698	37888	∞	69.5	383.2	196561	10.298 ng/ml
Oxymorphone	1.270	74570	∞	43.7	∞	261858	9.938 ng/ml
Phentermine	3.658	48441	115.7	10.7	237.4	623281	9.730 ng/ml
Promethazine	5.488	243756	∞	38.7	274924.2	1166023	9.800 ng/ml
Pseudoephedrine	2.405	306526	1320.5	16.5	1096.9	1534266	9.763 ng/ml
Quetiapine	5.559	152074	∞	60.9	∞	244957	10.102 ng/ml
Sertraline	5.723	62215	250460.1	98.4	40787.2	251207	9.907 ng/ml
Temazepam	5.766	97098	6628.8	27.9	3387.1	442289	10.754 ng/ml
Tramadol	4.152	291676	27773.7	3.5	212.7	1308088	10.041 ng/ml
Trazodone	5.317	197508	26044.5	77.3	∞	845821	9.847 ng/ml
Venlafaxine	4.944	201281	∞	38.1	30288.2	1404438	10.023 ng/ml
Zolpidem	5.068	303801	∞	29.5	120545.5	1448452	9.876 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C1 **Comment**
Injection Volume 3
Acq. Date-Time 5/25/2022 4:00:52 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	7206	9905.2	149.4	186727.8	73696	2.419 ng/ml
7-aminoclonazepam	4.197	148078	6558.5	72.5	7173.5	221434	24.013 ng/ml
a-hydroxyalprazolam	5.638	16591	∞	51.2	∞	168073	42.782 ng/ml
alpha-PHP	4.857	349030	15242.7	39.6	5582.6	691056	24.779 ng/ml
alpha-PVP	4.282	462963	∞	54.5	5894.4	691056	24.536 ng/ml
Alprazolam	5.718	208109	∞	91.4	4145.7	284590	24.985 ng/ml
Amphetamine	2.844	310885	2368.9	248.6	17842.3	443182	24.403 ng/ml
Benzoylcegonine	3.784	7014	∞	56.1	249.7	9591	22.247 ng/ml
Buprenorphine	5.903	22670	∞	14.8	1644.8	126650	2.579 ng/ml
Bupropion	4.717	422450	18947.4	72.0	5412.5	787143	24.434 ng/ml
Carisoprodol	5.678	95510	237077.4	69.9	∞	184823	23.747 ng/ml
Citalopram	5.130	329034	3318.1	38.8	10371.6	608589	23.879 ng/ml
Clonazepam	5.560	82849	158259.9	35.9	52512.2	65787	25.597 ng/ml
Clonazepam	5.501	119476	262601.8	36.0	74079.4	426750	23.209 ng/ml
Cocaine	4.176	331286	244557.4	49.5	∞	1059742	24.813 ng/ml
Codeine	2.443	48249	18152.3	90.0	3342.1	88697	23.668 ng/ml
Cyclobenzaprine	5.573	436365	231814.2	8.4	1710.7	502705	25.193 ng/ml
Dextromethorphan	5.174	246918	2178.3	76.9	115672.4	402598	25.271 ng/ml
Dextrophan	4.022	283472	23661.8	45.3	278568.9	564330	24.329 ng/ml
Diazepam	5.896	130261	1984.3	89.3	664.0	252825	24.032 ng/ml
Dihydrocodeine	2.376	122534	1096.0	61.2	151.1	281177	26.418 ng/ml
Diphenhydramine	5.206	981412	83536.0	32.1	7289.4	2287057	23.994 ng/ml
Doxylamine	4.467	1057560	28384.7	76.5	13636.1	1521204	25.559 ng/ml
EDDP	5.168	440683	∞	44.5	572690.1	908718	23.944 ng/ml
Etizolam	5.764	93691	∞	25.9	21388.5	252825	24.435 ng/ml
Fentanyl	5.078	37861	∞	109.8	70462.8	775262	2.555 ng/ml
Flualprazolam	5.654	85455	1576.4	97.8	∞	284590	25.924 ng/ml
Fluoxetine	5.660	382062	136596.0	6.7	34037.4	570873	24.485 ng/ml
Hydrocodone	2.912	132695	6101.5	38.3	1305.7	293662	24.151 ng/ml
Hydromorphone	1.478	120640	1078.0	72.6	1594.2	149026	24.863 ng/ml
Ketamine	4.013	299987	180146.3	37.4	18804.2	583767	25.610 ng/ml
Lamotrigine	4.198	29609	1509.4	92.8	2448.8	403002	23.087 ng/ml
Levetiracetam	2.481	59470	5382.3	150.3	18449.5	1575468	27.063 ng/ml

AM #28 Multi-Drug Quant. Results

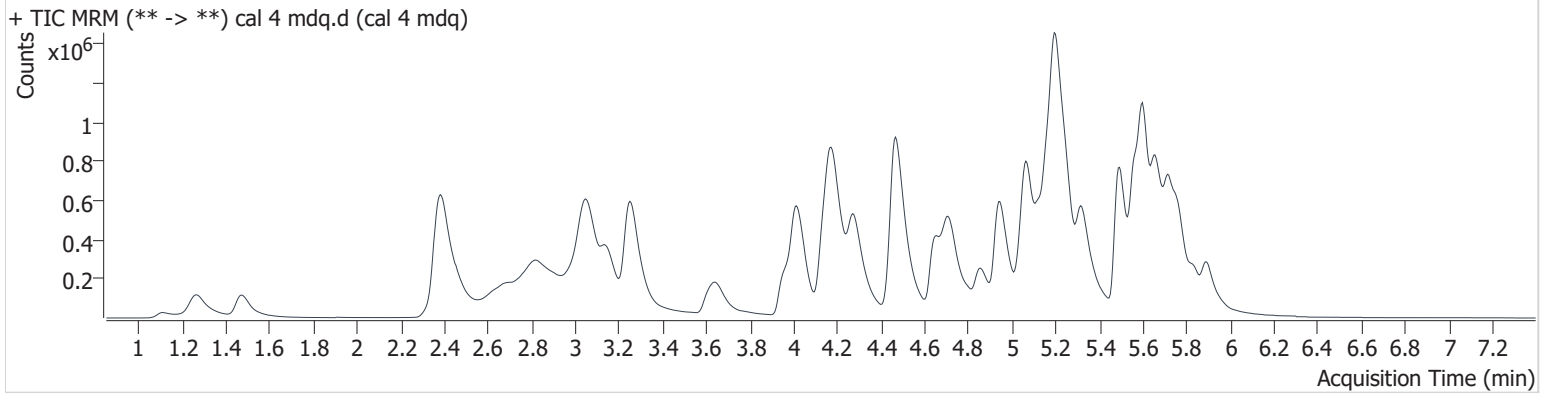
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	35061	∞	44.5	651.4	168073	24.181 ng/ml
MDA	3.042	360783	6757.2	28.4	∞	403002	25.320 ng/ml
MDMA	3.154	291973	∞	97.2	9592.2	120721	23.341 ng/ml
Meprobamate	4.811	72057	72561.1	31.1	372.9	94356	26.634 ng/ml
Methadone	5.602	628329	15529.3	56.7	24971.5	1121312	23.855 ng/ml
Methamphetamine	3.068	649543	61.1	39.2	45.9	1007874	26.571 ng/ml
Metoprolol	4.234	75675	142007.7	93.1	8837.7	403002	22.811 ng/ml
Mirtazapine	4.648	680108	18233.8	49.0	42924.5	1121312	23.564 ng/ml
Mitragynine	5.218	138756	75025.5	30.3	5407.8	1575468	26.045 ng/ml
Morphine	1.117	20404	3373.2	23.6	423.4	11423	24.274 ng/ml
Norbuprenorphine	4.911	2544	2177.3	82.1	1553.2	22513	2.614 ng/ml
Nordiazepam	5.840	106734	∞	62.1	∞	153065	24.193 ng/ml
Norfentanyl	3.982	20805	898.7	34.8	11283.2	1044388	2.552 ng/ml
Norhydrocodone	2.918	8664	139.5	26.5	155.8	67510	26.107 ng/ml
Noroxycodone	2.737	94804	888.3	44.5	235.0	141781	23.645 ng/ml
O-desmethyl-tramadol	3.256	754825	361823.1	6.4	13392.5	1411764	25.008 ng/ml
Oxazepam	5.698	71877	1638.2	77.8	865.3	168073	22.665 ng/ml
Oxymorphone	1.270	199126	∞	43.5	∞	275766	25.365 ng/ml
Phentermine	3.653	131971	544.3	10.4	∞	655900	25.173 ng/ml
Promethazine	5.488	633682	∞	39.1	5918.4	1230680	24.186 ng/ml
Pseudoephedrine	2.395	790305	20588.3	16.3	4034.1	1575468	24.260 ng/ml
Quetiapine	5.559	387360	∞	61.6	409535.5	250574	25.937 ng/ml
Sertraline	5.729	157559	∞	97.9	149081.1	257805	24.559 ng/ml
Temazepam	5.766	222991	2927.0	30.0	828.3	426750	23.689 ng/ml
Tramadol	4.152	762511	75059.8	3.7	1276.5	1353402	25.959 ng/ml
Trazodone	5.323	508446	38660.9	81.0	∞	889192	23.609 ng/ml
Venlafaxine	4.944	527378	19093.1	37.7	2268.1	1493388	23.879 ng/ml
Zolpidem	5.068	787126	211198.3	30.2	64203.7	1473300	25.269 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 Data File cal 4 mdq.d
Type Cal Sample cal 4 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-D1 Comment
Injection Volume 3
Acq. Date-Time 5/25/2022 4:09:56 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	13754	26180.7	128.5	13031.8	66132	5.174 ng/ml
7-aminoclonazepam	4.192	262506	5810.1	71.9	3740.2	191712	48.800 ng/ml
a-hydroxyalprazolam	5.638	28840	2131.7	61.4	1924.8	145833	52.852 ng/ml
alpha-PHP	4.857	638882	4668.2	39.5	15771.1	622039	50.096 ng/ml
alpha-PVP	4.282	843005	57460.3	53.8	23706.9	622039	49.426 ng/ml
Alprazolam	5.718	371019	708.6	91.9	2227.6	262397	47.542 ng/ml
Amphetamine	2.818	567506	5507.0	247.1	14091.6	396856	49.321 ng/ml
Benzoylcegonine	3.784	14118	1886.7	52.2	1263.4	8752	50.133 ng/ml
Buprenorphine	5.903	41283	19909.4	15.3	3207.5	116393	5.056 ng/ml
Bupropion	4.722	771121	19156.4	71.5	7857.9	716463	48.461 ng/ml
Carisoprodol	5.673	168996	270659.9	71.4	5589.1	155472	49.519 ng/ml
Citalopram	5.136	623458	10270.0	39.5	4540.1	544362	50.427 ng/ml
Clonazepam	5.555	154412	164287.3	36.1	71688.6	59728	53.298 ng/ml
Clonazepam	5.501	206029	31489.4	38.0	179814.1	399582	41.227 ng/ml
Cocaine	4.176	599183	∞	49.7	183727.7	951740	50.173 ng/ml
Codeine	2.422	84702	31563.5	90.8	4091.5	75970	48.423 ng/ml
Cyclobenzaprine	5.573	796787	24565.1	8.8	19952.4	454258	50.948 ng/ml
Dextromethorphan	5.174	451251	8719.7	76.4	20599.3	374349	49.431 ng/ml
Dextrophan	4.022	514691	266424.7	45.9	412393.9	507126	48.575 ng/ml
Diazepam	5.896	249649	9975.6	86.4	26310.6	234789	49.517 ng/ml
Dihydrocodeine	2.361	220567	700.1	61.1	749.3	252043	53.588 ng/ml
Diphenhydramine	5.206	1793820	18650.4	32.2	∞	2024633	49.274 ng/ml
Doxylamine	4.472	1894641	∞	77.0	59943.9	1430567	48.611 ng/ml
EDDP	5.168	796033	14929.2	42.7	59470.3	783565	50.114 ng/ml
Etizolam	5.764	174657	∞	24.4	∞	234789	49.396 ng/ml
Fentanyl	5.078	66679	88254.5	112.6	60195.0	692846	5.089 ng/ml
Flualprazolam	5.654	151992	∞	98.3	8844.8	262397	50.323 ng/ml
Fluoxetine	5.660	718480	48153.6	6.7	34393.5	515237	50.995 ng/ml
Hydrocodone	2.907	236014	∞	36.5	1162.0	245827	51.405 ng/ml
Hydromorphone	1.478	221107	5141.2	72.6	2127.7	135676	50.118 ng/ml
Ketamine	4.013	541494	431342.7	38.2	2881.6	526969	51.649 ng/ml
Lamotrigine	4.204	54910	1874.3	89.8	61873.5	362650	47.391 ng/ml
Levetiracetam	2.470	104895	3281.4	151.9	3959.4	1408261	53.900 ng/ml

AM #28 Multi-Drug Quant. Results

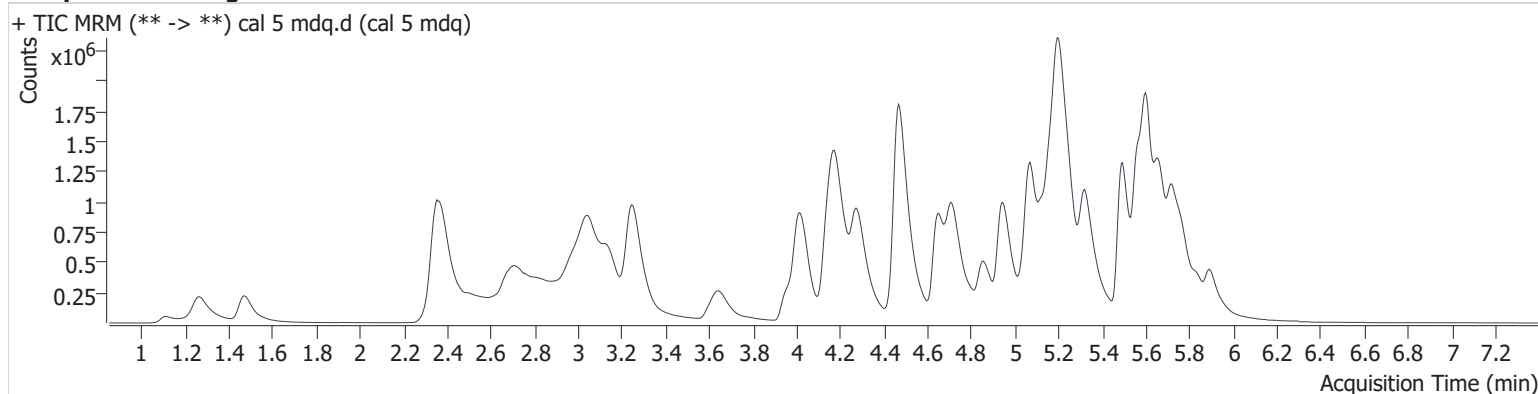
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	60852	∞	45.0	1139.0	145833	48.901 ng/ml
MDA	3.037	648233	22498.7	28.0	2605.8	362650	50.809 ng/ml
MDMA	3.149	537633	129323.4	96.4	17655.9	110006	47.533 ng/ml
Meprobamate	4.816	132324	318802.2	29.7	2047.3	85820	54.901 ng/ml
Methadone	5.608	1166940	24039.0	55.6	14096.5	990009	49.973 ng/ml
Methamphetamine	3.058	1120945	72.5	39.2	62.4	918399	52.284 ng/ml
Metoprolol	4.234	137247	535586.1	93.3	∞	362650	44.508 ng/ml
Mirtazapine	4.648	1231651	46583.8	48.7	261380.4	990009	47.888 ng/ml
Mitragynine	5.218	235965	226409.4	33.2	101588.5	1408261	49.429 ng/ml
Morphine	1.112	39422	7559.6	23.5	1028.9	10539	51.118 ng/ml
Norbuprenorphine	4.906	4373	3180.5	104.8	5179.2	20556	4.641 ng/ml
Nordiazepam	5.840	199030	∞	64.0	∞	144981	47.719 ng/ml
Norfentanyl	3.977	39302	∞	37.7	12327.7	954081	5.380 ng/ml
Norhydrocodone	2.918	16657	2309.0	27.9	177.0	62736	47.232 ng/ml
Noroxycodone	2.727	170626	1256.0	41.6	628.5	127014	47.541 ng/ml
O-desmethyl-tramadol	3.256	1356801	102123.0	6.5	16644.8	1277279	49.688 ng/ml
Oxazepam	5.698	140696	18766.8	71.0	6211.8	145833	50.944 ng/ml
Oxymorphone	1.265	359302	∞	43.9	∞	249418	50.712 ng/ml
Phentermine	3.653	240344	534.5	9.7	410.5	595461	50.488 ng/ml
Promethazine	5.488	1181081	29490.5	38.8	13358.9	1135162	48.906 ng/ml
Pseudoephedrine	2.390	1435051	310281.1	16.3	27100.3	1408261	49.109 ng/ml
Quetiapine	5.559	704644	36838391.9	61.4	∞	217854	54.843 ng/ml
Sertraline	5.723	312455	162897.9	95.9	∞	252067	49.890 ng/ml
Temazepam	5.766	422955	9418.3	29.3	1356.9	399582	46.569 ng/ml
Tramadol	4.152	1371076	98014.5	3.7	5506.4	1248112	50.980 ng/ml
Trazodone	5.323	920053	68760.9	80.7	58518.1	775438	48.614 ng/ml
Venlafaxine	4.944	952634	48097.9	38.6	2681.5	1340504	47.489 ng/ml
Zolpidem	5.068	1420393	67451.4	28.7	390087.1	1328544	50.640 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E1	Comment	
Injection Volume	3		
Acq. Date-Time	5/25/2022 4:18:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.028	28168	72673.7	135.5	930957.3	66373	10.587 ng/ml
7-aminoclonazepam	4.197	495304	10440.7	74.3	186434.9	181846	96.724 ng/ml
a-hydroxyalprazolam	5.633	44268	∞	56.8	1346.9	87668	84.081 ng/ml
alpha-PHP	4.857	1383970	31668.8	39.9	29227.0	680057	98.983 ng/ml
alpha-PVP	4.287	1839414	28198.1	53.3	50178.1	680057	98.442 ng/ml
Alprazolam	5.718	707901	4650.7	91.0	∞	246425	95.738 ng/ml
Amphetamine	2.721	1181673	4732.8	234.9	6597.2	377180	107.565 ng/ml
Benzoylecgonine	3.784	28518	11239.8	57.8	653.8	9006	99.263 ng/ml
Buprenorphine	5.903	86880	28502.7	16.6	6196.7	123583	9.968 ng/ml
Bupropion	4.717	1715220	39381.2	70.3	9552.7	786256	97.674 ng/ml
Carisoprodol	5.678	290481	∞	70.8	5025.3	136743	96.402 ng/ml
Citalopram	5.130	1267773	38418.8	39.5	19840.7	549512	101.436 ng/ml
Clonazepam	5.555	220202	276715.2	33.7	∞	42650	107.152 ng/ml
Clonazepam	5.501	390305	∞	38.6	14061.6	312731	97.232 ng/ml
Cocaine	4.176	1300069	55166.8	50.1	3117628.0	1041722	99.654 ng/ml
Codeine	2.377	156397	14934.1	91.1	10093.4	71995	94.267 ng/ml
Cyclobenzaprine	5.573	1605697	23679.8	8.7	3449.7	472264	98.795 ng/ml
Dextromethorphan	5.174	931159	117151.0	76.7	12062.1	382798	99.500 ng/ml
Dextrophan	4.022	1113002	88397.8	45.1	827883.5	542407	97.627 ng/ml
Diazepam	5.896	491176	∞	87.3	∞	229863	99.435 ng/ml
Dihydrocodeine	2.330	461671	1636.2	61.3	1583.0	269553	105.390 ng/ml
Diphenhydramine	5.206	3783372	46012.7	32.2	7636.5	2113324	99.309 ng/ml
Doxylamine	4.472	4235878	85358.8	79.2	∞	1610793	96.435 ng/ml
EDDP	5.168	1718187	40758.4	42.7	28879.5	858051	98.736 ng/ml
Etizolam	5.764	358562	74454.4	24.2	∞	229863	103.958 ng/ml
Fentanyl	5.078	148267	11944.3	112.3	162550.7	734684	10.733 ng/ml
Flualprazolam	5.654	301118	3843.2	94.3	3789.0	246425	106.532 ng/ml
Fluoxetine	5.660	1382448	∞	7.2	109384.5	513244	98.484 ng/ml
Hydrocodone	2.897	509912	∞	34.6	∞	233252	117.154 ng/ml
Hydromorphone	1.473	479780	2459.8	72.7	2987.3	148517	99.411 ng/ml
Ketamine	4.013	1156179	∞	38.2	4968.4	569134	102.537 ng/ml
Lamotrigine	4.204	109442	9068.1	88.7	101677.0	350193	97.627 ng/ml
Levetiracetam	2.440	200449	4993.3	151.6	20232.6	1454298	100.174 ng/ml

AM #28 Multi-Drug Quant. Results

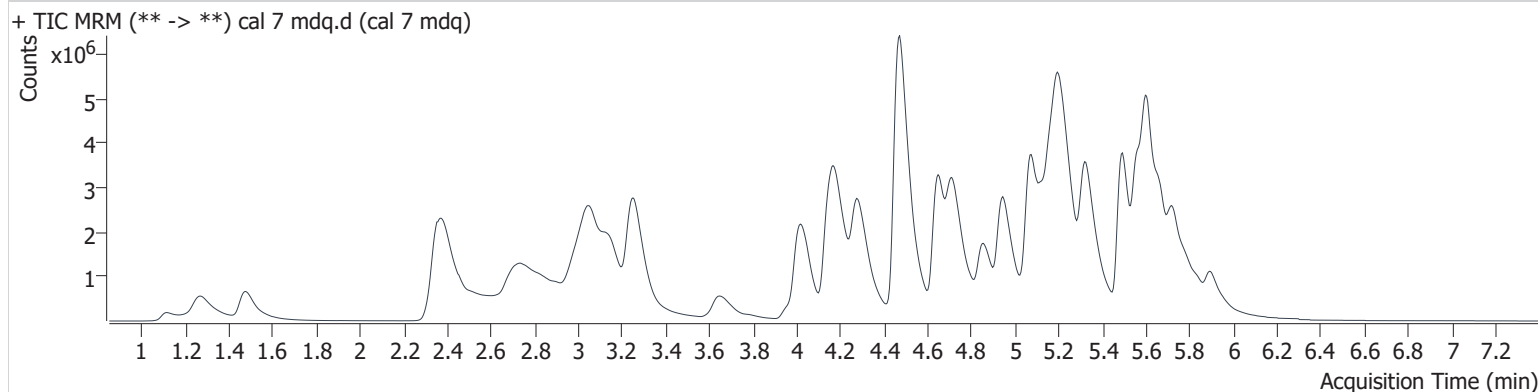
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	76434	∞	45.4	1782.2	87668	102.755 ng/ml
MDA	3.031	1273260	1084855194 957450.0	27.7	∞	350193	103.611 ng/ml
MDMA	3.143	1150120	38110.5	97.5	∞	118734	94.565 ng/ml
Meprobamate	4.816	240882	13215.9	31.5	10602.4	84266	102.726 ng/ml
Methadone	5.602	2553907	∞	54.6	16303.4	1110383	97.335 ng/ml
Methamphetamine	3.048	2417579	147.2	39.9	128.9	1016334	103.979 ng/ml
Metoprolol	4.234	286138	52295.1	95.9	∞	350193	94.418 ng/ml
Mirtazapine	4.648	2733324	121646.1	47.9	53665.0	1110383	94.339 ng/ml
Mitragynine	5.218	513715	21832.6	32.5	12360.3	1454298	104.057 ng/ml
Morphine	1.112	81894	4690.6	23.2	2604.8	11083	101.235 ng/ml
Norbuprenorphine	4.911	10246	23472.0	92.3	16367.9	22019	9.776 ng/ml
Nordiazepam	5.840	348124	∞	62.6	∞	124331	97.423 ng/ml
Norfentanyl	3.977	84168	19880.2	36.7	128223.2	1046637	10.595 ng/ml
Norhydrocodone	2.907	39714	806.5	30.7	575.0	71932	91.368 ng/ml
Noroxycodone	2.702	371967	∞	41.1	3143.4	135313	97.324 ng/ml
O-desmethyl-tramadol	3.251	3067023	∞	6.4	6377.5	1452515	98.772 ng/ml
Oxazepam	5.698	164167	3523.2	69.2	9263.3	87668	98.740 ng/ml
Oxymorphone	1.265	766640	∞	44.1	∞	270420	99.905 ng/ml
Phentermine	3.653	519779	1045.0	9.3	5816.1	637640	101.954 ng/ml
Promethazine	5.488	2518964	143190.1	39.4	20161.9	1223080	96.839 ng/ml
Pseudoephedrine	2.370	3012113	32600.5	16.2	16731.4	1454298	99.642 ng/ml
Quetiapine	5.559	1475045	∞	61.3	∞	242104	103.769 ng/ml
Sertraline	5.723	583151	∞	102.3	232488.6	238009	98.686 ng/ml
Temazepam	5.766	674012	38228.9	28.9	4090.5	312731	93.388 ng/ml
Tramadol	4.152	3028641	727082.1	3.6	3323.9	1380563	102.191 ng/ml
Trazodone	5.323	2058927	53170.0	79.1	63756.1	875891	95.972 ng/ml
Venlafaxine	4.944	2132022	49354.3	38.4	19053.3	1467019	96.532 ng/ml
Zolpidem	5.068	3109528	∞	29.3	95146.0	1472464	100.097 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 Data File cal 7 mdq.d
Type Cal Sample cal 7 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-G1 Comment
Injection Volume 3
Acq. Date-Time 5/25/2022 4:37:01 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.023	73818	84103.4	137.3	3414.6	37504	49.195 ng/ml
7-aminoclonazepam	4.197	1035315	5900.5	75.8	19600.0	76040	482.088 ng/ml
a-hydroxyalprazolam	5.633	83601	586.5	58.1	412.3	18372	495.351 ng/ml
alpha-PHP	4.857	5330949	50357.1	38.1	692388.4	508928	508.306 ng/ml
alpha-PVP	4.287	7127011	82552.4	52.7	67959.6	508928	508.831 ng/ml
Alprazolam	5.723	1855543	7281.1	93.6	1144.5	123623	496.750 ng/ml
Amphetamine	2.767	3363190	7468.9	231.9	84957.6	217245	529.906 ng/ml
Benzoylcegonine	3.784	133307	6646.4	55.7	5003.9	8016	525.022 ng/ml
Buprenorphine	5.903	343391	∞	15.6	50308.6	98258	49.334 ng/ml
Bupropion	4.717	6829712	241665.2	68.4	63569.4	599433	507.866 ng/ml
Carisoprodol	5.678	618826	∞	67.5	13586.2	53769	520.559 ng/ml
Citalopram	5.130	3669591	38081.4	42.1	10735.5	323847	497.650 ng/ml
Clonazepam	5.555	332366	37622.4	34.9	88126.6	14362	482.783 ng/ml
Clonazepam	5.512	851886	∞	37.8	∞	130534	500.818 ng/ml
Cocaine	4.176	4587041	149714.0	49.3	149602.1	728027	503.919 ng/ml
Codeine	2.392	451957	409347.9	95.7	∞	39860	491.675 ng/ml
Cyclobenzaprine	5.573	4654404	39337.5	8.6	∞	267139	506.436 ng/ml
Dextromethorphan	5.169	2893638	43661.1	74.8	147175.2	235778	501.011 ng/ml
Dextrorphan	4.022	3943048	∞	45.0	29604.8	378637	493.143 ng/ml
Diazepam	5.896	1771780	∞	85.5	∞	159581	516.338 ng/ml
Dihydrocodeine	2.330	1515299	1802.0	61.0	874.7	197434	474.127 ng/ml
Diphenhydramine	5.206	12168179	34405.2	31.6	37601.0	1325711	508.129 ng/ml
Doxylamine	4.472	18098208	330525.1	78.7	∞	1301666	509.507 ng/ml
EDDP	5.168	7282616	98567.3	43.8	314975.4	716039	501.327 ng/ml
Etizolam	5.769	1143240	11243.1	25.5	∞	159581	478.670 ng/ml
Fentanyl	5.078	476663	2055032.0	119.5	52070.5	504886	50.416 ng/ml
Flualprazolam	5.654	741773	2197.0	90.8	9953.3	123623	524.433 ng/ml
Fluoxetine	5.665	3693063	320799.3	6.8	181104.1	269390	501.159 ng/ml
Hydrocodone	2.902	1697999	∞	39.5	∞	180074	505.600 ng/ml
Hydromorphone	1.478	1755278	3053.2	72.9	2661.9	107363	503.365 ng/ml
Ketamine	4.013	3824388	1518709.8	36.7	63618.6	393536	492.174 ng/ml
Lamotrigine	4.204	290481	7025.8	87.3	6384.0	170469	531.525 ng/ml
Levetiracetam	2.450	628615	28216.0	153.4	50509.0	966715	474.501 ng/ml

AM #28 Multi-Drug Quant. Results

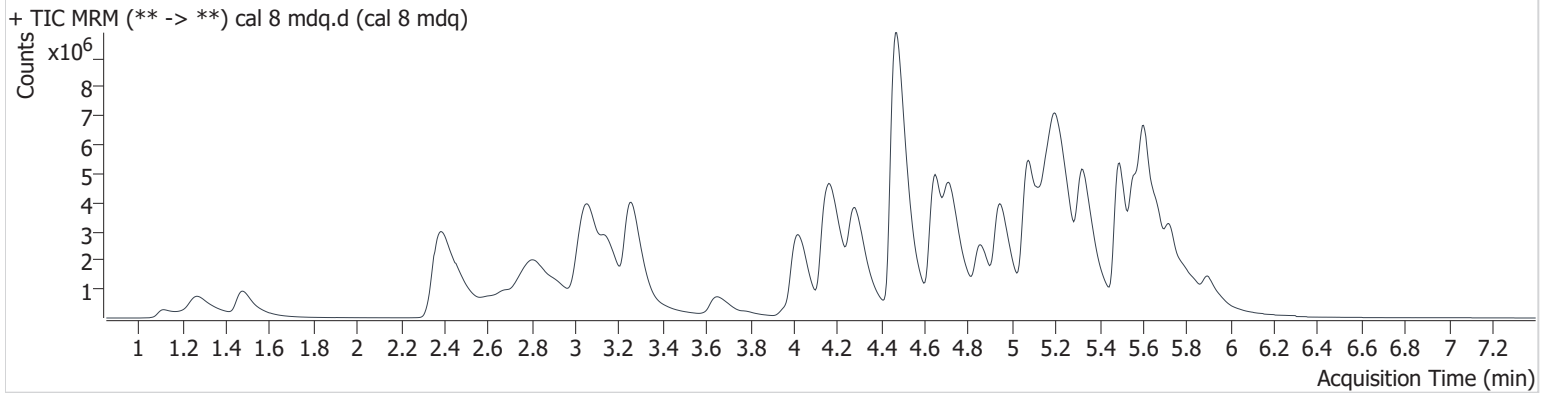
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	115296	∞	37.8	1394.2	18372	742.926 ng/ml
MDA	3.021	3094924	34371.9	27.6	9113540539 49943.0	170469	518.384 ng/ml
MDMA	3.149	4045853	81671.0	96.8	86701.5	81547	485.838 ng/ml
Meprobamate	4.816	657749	∞	30.1	2411.8	50828	468.924 ng/ml
Methadone	5.608	9723265	∞	51.4	1085183.2	798496	514.521 ng/ml
Methamphetamine	3.053	8842243	636.3	40.0	468.6	773399	508.112 ng/ml
Metoprolol	4.239	802508	968594.5	97.5	∞	170469	537.111 ng/ml
Mirtazapine	4.648	10346627	101143.6	48.2	96520.3	798496	494.790 ng/ml
Mitragynine	5.218	1625936	41984.1	34.9	10188.7	966715	494.957 ng/ml
Morphine	1.117	326767	36135.1	20.9	9429.4	9014	497.650 ng/ml
Norbuprenorphine	4.906	35529	30645.0	93.2	49115.0	15452	47.052 ng/ml
Nordiazepam	5.845	832045	20505.1	62.1	∞	58645	494.031 ng/ml
Norfentanyl	3.972	295482	13352.2	37.2	∞	834793	46.964 ng/ml
Norhydrocodone	2.912	197505	3313.7	34.3	2033.8	59661	516.158 ng/ml
Noroxycodone	2.712	1146972	∞	42.1	129325.0	81921	495.851 ng/ml
O-desmethyl-tramadol	3.256	12310834	∞	6.3	62197.3	1141669	504.422 ng/ml
Oxazepam	5.692	182049	∞	75.7	1149.5	18372	521.852 ng/ml
Oxymorphone	1.270	2709713	∞	43.7	∞	193118	494.893 ng/ml
Phentermine	3.653	1856774	∞	8.1	131126.2	463568	500.925 ng/ml
Promethazine	5.493	9846167	91599.4	36.8	125335.6	908114	509.951 ng/ml
Pseudoephedrine	2.375	10146195	∞	16.0	16612.0	966715	504.242 ng/ml
Quetiapine	5.553	4457008	137367.5	61.2	76672.3	158448	480.991 ng/ml
Sertraline	5.723	1571282	84965.2	98.7	110884.2	127578	496.379 ng/ml
Temazepam	5.776	1433419	58973.5	29.5	∞	130534	470.161 ng/ml
Tramadol	4.146	11048355	329876.8	3.5	6442.9	1054721	489.408 ng/ml
Trazodone	5.323	7875211	67122.2	77.5	∞	614845	521.391 ng/ml
Venlafaxine	4.944	8590244	73779.6	37.2	55504.2	1095412	518.433 ng/ml
Zolpidem	5.074	11944893	188247.4	28.7	58384.7	1156085	490.022 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 Data File cal 8 mdq.d
Type Cal Sample cal 8 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-H1 Comment
Injection Volume 3
Acq. Date-Time 5/25/2022 4:54:59 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.028	87478	5541.3	133.5	215643.5	22628	96.651 ng/ml
7-aminoclonazepam	4.197	1043683	40211.7	78.3	21340.0	31807	1161.325 ng/ml
a-hydroxyalprazolam	5.633	90233	458.5	56.2	532.0	9563	992.015 ng/ml
alpha-PHP	4.862	8188864	212886.5	38.8	304586.4	388197	1023.355 ng/ml
alpha-PVP	4.282	10954613	716540.4	51.7	204326.0	388197	1025.132 ng/ml
Alprazolam	5.723	2415861	2380.3	92.4	20036.6	78893	1012.597 ng/ml
Amphetamine	2.818	4483176	69865.7	227.3	162053.6	145476	1054.448 ng/ml
Benzoylcegonine	3.784	224029	12229.5	55.0	5946.4	6632	1067.374 ng/ml
Buprenorphine	5.908	541284	64928.5	15.5	180958.0	76652	99.628 ng/ml
Bupropion	4.717	10506320	3564598.4	66.9	32041.2	436857	1071.414 ng/ml
Carisoprodol	5.678	734680	∞	65.3	176933.9	30128	1102.505 ng/ml
Citalopram	5.130	4633592	41496.7	41.9	34541.8	208374	976.472 ng/ml
Clonazepam	5.550	272146	6292.8	35.8	59271.8	5927	958.651 ng/ml
Clonazepam	5.512	863668	∞	38.6	28326.3	67699	977.290 ng/ml
Cocaine	4.176	6619172	240690.2	48.9	717665.1	522794	1012.826 ng/ml
Codeine	2.432	649120	22305.8	95.5	20219.9	28531	986.505 ng/ml
Cyclobenzaprine	5.573	5851182	205417.5	8.4	6442.7	171813	989.927 ng/ml
Dextromethorphan	5.169	3818505	100575.1	75.9	464579.1	155750	1000.609 ng/ml
Dextrophan	4.022	5812910	381854.3	45.0	∞	271163	1014.539 ng/ml
Diazepam	5.896	2452661	5394789727	86.8	7797.0	111713	1020.953 ng/ml
			24126.0				
Dihydrocodeine	2.346	2223566	750.1	61.5	2091.1	154165	891.479 ng/ml
Diphenhydramine	5.211	16355914	471600.5	31.1	101040.9	869152	1041.518 ng/ml
Doxylamine	4.472	29720934	636003.8	81.8	675631.4	1075807	1012.290 ng/ml
EDDP	5.168	11845695	114734.3	42.7	∞	554474	1053.004 ng/ml
Etizolam	5.769	1614388	17951.2	25.3	∞	111713	965.914 ng/ml
Fentanyl	5.083	621083	∞	124.1	716333.0	336498	98.618 ng/ml
Flualprazolam	5.654	891362	6737.7	90.6	5054.9	78893	987.800 ng/ml
Fluoxetine	5.665	4330512	128366.0	6.8	57840.2	159158	994.657 ng/ml
Hydrocodone	2.902	2661896	∞	39.3	20293.7	153873	927.642 ng/ml
Hydromorphone	1.478	2679127	3149.4	72.4	1584.4	81741	1009.189 ng/ml
Ketamine	4.013	5333771	221085.8	38.0	78380.3	289686	932.892 ng/ml
Lamotrigine	4.204	343931	296654.7	87.2	31919.1	100439	1067.944 ng/ml

AM #28 Multi-Drug Quant. Results

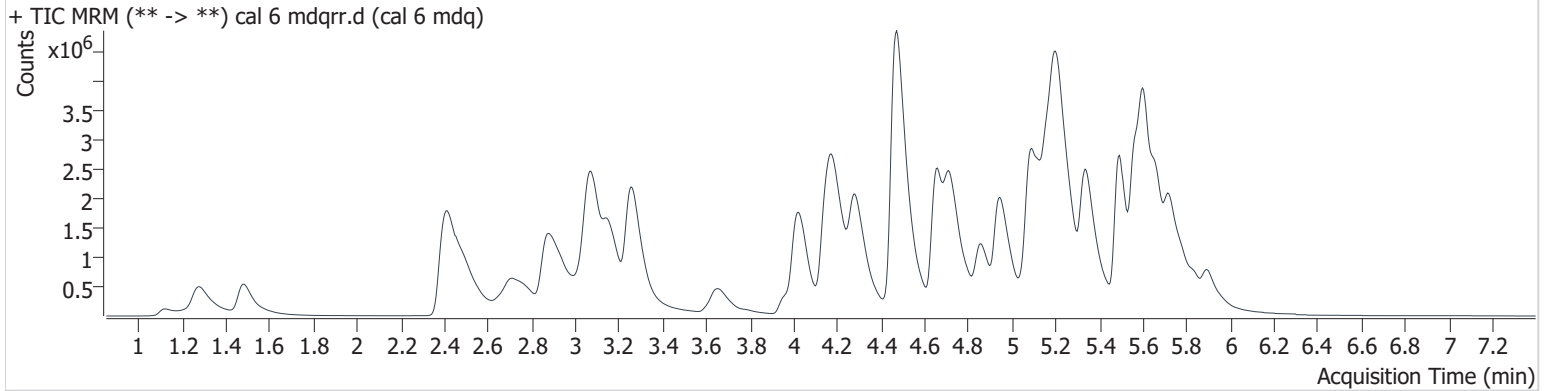
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.475	902829	41447.2	154.7	268027.0	662170	995.478 ng/ml
Lorazepam	5.691	131972	∞	44.1	4205.6	9563	1634.416 ng/ml
MDA	3.016	3226188	353475.0	27.5	22037.8	100439	917.332 ng/ml
MDMA	3.149	5769402	1231884.7	96.0	196683.8	51045	1107.272 ng/ml
Meprobamate	4.816	777797	1432873.9	29.0	∞	32272	874.297 ng/ml
Methadone	5.608	14600690	297842.5	50.2	73485.6	581850	1060.097 ng/ml
Methamphetamine	3.058	11638265	339.4	42.5	888.8	620777	834.611 ng/ml
Metoprolol	4.239	846042	88610.4	115.6	∞	100439	959.917 ng/ml
Mirtazapine	4.648	15319317	644624.1	49.1	623359.8	581850	1004.928 ng/ml
Mitragynine	5.223	2331700	∞	34.6	417161.1	662170	1036.108 ng/ml
Morphine	1.117	522606	63946.6	22.6	8008.9	7354	975.867 ng/ml
Norbuprenorphine	4.906	50075	58280.2	93.3	204650.9	8816	115.768 ng/ml
Nordiazepam	5.845	952232	17387.5	61.7	∞	28641	1157.823 ng/ml
Norfentanyl	3.972	437537	31221.2	37.6	391334.6	675700	85.996 ng/ml
Norhydrocodone	2.923	291568	12538.0	35.3	9433.4	43361	1041.884 ng/ml
Noroxycodone	2.737	1750157	∞	38.2	∞	57153	1084.544 ng/ml
O-desmethyl-tramadol	3.256	19349385	∞	6.1	283986.0	892419	1014.254 ng/ml
Oxazepam	5.698	192679	1868.5	70.8	43802.8	9563	1060.979 ng/ml
Oxymorphone	1.265	4172404	∞	43.5	∞	152012	968.202 ng/ml
Phentermine	3.653	2725537	4233.5	7.9	18258.7	359815	947.318 ng/ml
Promethazine	5.488	15225421	1146850.7	35.0	326805.4	676238	1058.975 ng/ml
Pseudoephedrine	2.390	14768751	33806.0	16.0	∞	662170	1071.353 ng/ml
Quetiapine	5.553	5812525	1519507.8	60.3	96551.1	109953	904.399 ng/ml
Sertraline	5.723	1867491	∞	98.6	145740.5	73070	1030.118 ng/ml
Temazepam	5.776	1671082	16011.5	28.5	∞	67699	1055.124 ng/ml
Tramadol	4.146	16366504	609114.0	3.5	23018.8	815130	938.434 ng/ml
Trazodone	5.323	11888403	403224.0	76.4	195238.5	441900	1094.749 ng/ml
Venlafaxine	4.949	13287816	340211.8	36.7	44642.1	816461	1075.327 ng/ml
Zolpidem	5.074	18641850	753256.5	28.3	138539.8	880802	1003.846 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\052522\QuantResults\mdq.batch.bin
Calibration Last Update 5/27/2022 11:26:25 AM

Instrument 69679 Data File cal 6 mdqrr.d
Type Cal Sample cal 6 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-F1 Comment
Injection Volume 3
Acq. Date-Time 5/26/2022 9:59:43 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	57483	∞	138.9	220756.0	56877	25.247 ng/ml
7-aminoclonazepam	4.197	968153	25198.8	77.7	46083.4	142698	240.404 ng/ml
a-hydroxyalprazolam	5.633	80182	426.9	56.3	526.4	32987	279.859 ng/ml
alpha-PHP	4.862	3588144	56126.3	40.1	39305.6	718495	242.487 ng/ml
alpha-PVP	4.287	4960522	283972.1	53.0	56830.0	718495	250.960 ng/ml
Alprazolam	5.718	1626784	∞	90.4	2781.1	218395	246.937 ng/ml
Amphetamine	2.879	2243692	29488.4	233.2	110387.9	362518	212.098 ng/ml
Benzoylcegonine	3.790	88005	60535.7	55.3	19834.1	11331	244.730 ng/ml
Buprenorphine	5.908	241944	141606.3	15.9	22313.4	131680	25.963 ng/ml
Bupropion	4.722	4478625	120618.6	69.6	15569.2	805508	248.110 ng/ml
Carisoprodol	5.678	306294	∞	68.7	7426.9	57570	240.855 ng/ml
Citalopram	5.130	2727668	87931.2	40.4	8951.0	465520	257.404 ng/ml
Clonazepam	5.550	152891	1631.3	34.7	∞	13333	238.859 ng/ml
Clonazepam	5.501	534481	∞	40.2	7038.2	144550	284.531 ng/ml
Cocaine	4.181	3372063	136374.5	50.0	552006.0	1089425	247.455 ng/ml
Codeine	2.478	415812	39295.3	89.4	15467.7	63279	284.978 ng/ml
Cyclobenzaprine	5.573	3581523	1239411.0	8.3	∞	423406	245.851 ng/ml
Dextromethorphan	5.174	2096988	21621.2	75.5	25806.3	343702	249.192 ng/ml
Dextrophan	4.028	2808543	122595.5	45.1	143976.0	540494	246.352 ng/ml
Diazepam	5.896	1099562	7539.7	87.3	∞	204668	249.886 ng/ml
Dihydrocodeine	2.422	1080830	3492.5	61.4	2248.1	265794	250.955 ng/ml
Diphenhydramine	5.211	8951642	158111.7	31.7	45677.0	1981634	250.205 ng/ml
Doxylamine	4.472	13543674	155980.0	78.8	177408.1	1953245	254.137 ng/ml
EDDP	5.174	5034461	35449.2	43.5	51391.6	986554	251.558 ng/ml
Etizolam	5.764	827418	∞	25.5	∞	204668	269.969 ng/ml
Fentanyl	5.083	333545	847521.1	117.7	1272369.9	706314	25.190 ng/ml
Flualprazolam	5.654	532913	1313.5	97.5	31432.0	218395	213.072 ng/ml
Fluoxetine	5.665	2906839	∞	7.2	185092.3	415290	255.891 ng/ml
Hydrocodone	2.927	1217828	∞	36.6	∞	292184	223.440 ng/ml
Hydromorphone	1.483	1332685	2923.7	72.6	4853.3	164417	249.526 ng/ml
Ketamine	4.018	2874519	126405.6	37.0	62686.8	576374	252.368 ng/ml
Lamotrigine	4.209	223736	52815.7	93.7	117068.2	263691	264.752 ng/ml
Levetiracetam	2.506	457552	12133.2	153.3	26655.2	1513514	220.326 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	70156	7034.0	38.0	2993.4	32987	251.426 ng/ml
MDA	3.042	2266341	33386.7	28.0	27254.5	263691	245.268 ng/ml
MDMA	3.159	2767960	57263.2	98.3	32371.4	101587	266.656 ng/ml
Meprobamate	4.816	435355	104148.7	29.9	10522.8	62837	250.543 ng/ml
Methadone	5.608	6344360	∞	53.2	101461.3	1084589	247.262 ng/ml
Methamphetamine	3.073	5933452	723.6	40.2	775.6	1042136	251.935 ng/ml
Metoprolol	4.239	611959	27855.5	96.3	∞	263691	265.514 ng/ml
Mirtazapine	4.659	8144314	75881.9	47.8	74093.7	1084589	286.915 ng/ml
Mitragynine	5.228	1160816	23886.9	31.9	126266.0	1513514	225.777 ng/ml
Morphine	1.122	206926	19667.9	22.4	5609.4	11242	252.556 ng/ml
Norbuprenorphine	4.911	24642	14862.8	92.4	21134.3	21374	23.750 ng/ml
Nordiazepam	5.845	714444	∞	61.6	27766.5	103336	240.697 ng/ml
Norfentanyl	3.977	219741	19324.6	36.5	20530.6	1129639	25.766 ng/ml
Norhydrocodone	2.933	130326	3522.0	33.9	987.9	80456	255.801 ng/ml
Noroxycodone	2.763	811325	45778.6	45.1	∞	110424	260.192 ng/ml
O-desmethyl-tramadol	3.261	8379818	166562.0	6.3	∞	1567648	250.052 ng/ml
Oxazepam	5.692	148683	1609.0	78.1	11115.0	32987	237.459 ng/ml
Oxymorphone	1.275	2173186	∞	44.1	∞	300026	255.423 ng/ml
Phentermine	3.658	1335770	∞	8.3	11392.4	647600	257.965 ng/ml
Promethazine	5.493	6559406	∞	37.8	499788.4	1224740	251.880 ng/ml
Pseudoephedrine	2.410	7676415	9000.4	16.3	26938.7	1513514	243.759 ng/ml
Quetiapine	5.559	3831524	∞	60.9	4165162.2	268725	243.548 ng/ml
Sertraline	5.729	1312750	∞	98.5	∞	209376	252.654 ng/ml
Temazepam	5.771	789099	49455.4	29.5	1317.7	144550	234.423 ng/ml
Tramadol	4.152	7698241	97698.9	3.6	11331.6	1421620	252.813 ng/ml
Trazodone	5.338	5483222	155523.3	77.7	58455.0	913333	244.569 ng/ml
Venlafaxine	4.949	5786742	59183.7	37.5	16553.9	1529782	250.363 ng/ml
Zolpidem	5.089	8561217	276451.9	29.5	∞	1622121	250.273 ng/ml