















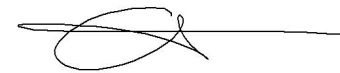


Worklist: 6112

REVIEWED
By Britany Wylie at 3:34 pm, Oct 05, 2022

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-2007	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2020	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2027	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2033	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2036	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2047	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2048	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2060	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2081	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-2111	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2113	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2122	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2135	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2136	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2153	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2169	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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



Extraction Date 9/28/22 Analyst: Anne Nord
Plate lot#: 220802 Item: IDP-121-3CDA Plate re-test: 02/02/23

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: 22B52016-1 **Urine Blank lot:** blood only run

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.

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,
- ☒ 15. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- ☒ 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS: The 6-monoacetylmorphine concentrations on the calibrators and controls are a factor of 10 greater than their actual concentration no case samples were evaluated with 6-monoacetylmorphine in this run. AMN 11-9-22

Curve limits: 7-aminoclonazepam 5-500 (removed cal 8 due to accuracy) qualitative only
alpha-hydroxy alprazolam 5-500 (removed cal 8 due to accuracy)
amphetamine 5-100 (removed cal 6,7, and 8 due to accuracy)
benzoylcegonine 25-1000 (removed cal 1 and 2 due to ratios being out of range)
dihydrocodeine 5-500 (removed cal 8 due to accuracy)
duloxetine 25-100¹⁰⁰⁰ (removed cal 1 and 2 due to poor peak shape on qualifier ion)
lamotrigine 5-500 (removed cal 8 due to accuracy)
~~MDA 5-500 (removed cal 8 due to accuracy)~~ not evaluated
methamphetamine 5-500 (removed cal 8 due to accuracy)
mitragynine 10-1000 (removed cal 1 due to accuracy)
norfentanyl 1-50 (removed cal 1 due to SN being too low, removed cal 8 due to accuracy)
olanzapine 5-50 (removed cal 5,6,7 8 due to curve linearity)



oxycodone 5-500 (removed cal 8 due to accuracy)
phentermine 5-250 (removed cal 7 and 8 due to accuracy) qualitative only
quetiapine 5-250 (removed cal 7 and 8 due to accuracy) qualitative only

Did not evaluate- Norhydrocodone – due to rising ratios, Chlordiazepoxide – due to rising ratios, Chlorpheniramine ratios out, Cyclobenzaprine cal 5 ratio out, Etizolam- due to accuracy. MDA not evaluated due to R2 being out of range.

The urine positive control was injected twice in the wrong position, the correct position was entered, and that sample was injected and evaluated.

**Idaho State Police
Forensic Services**

Request for Departure from an Analytical Method or Quality Standard

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

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

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

Technical Review

Departure approved
Comments:

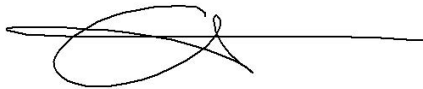
Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager

Date: 2/10/2022

Quality Review

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



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	2020-2	2111-3								
B	IS + Cal. 2	IS + QC_2	2048-1	2153-1								
C	IS + Cal. 3	IS + QC 3	2027-1	2135-1								
D	IS + Cal. 4	IS + QC_4	2036-1	2136-1								
E	IS + Cal. 5	IS + QC_2	2047-1	2169-1								
F	IS + Cal. 6	negative blood	2113-2	negative urine								
G	IS + Cal. 7	2007-1	2060-1	2081-1								
H	IS + Cal. 8	2033-1	2122-1									

blank in front

plate position 2

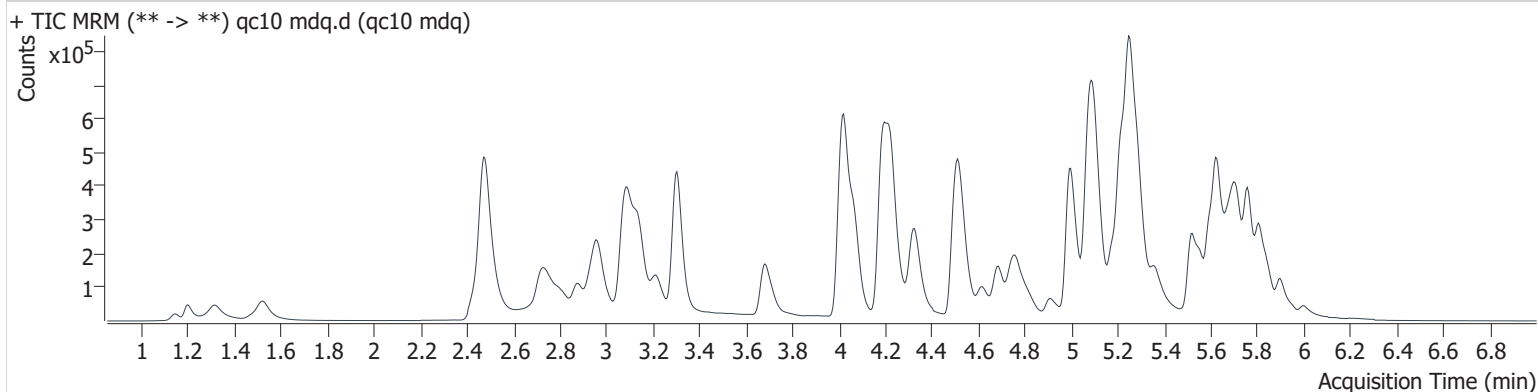
c2022-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 2:08:23 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	2876	24876.3	122.9	40918.7	64947	11.395 ng/ml
7-aminoclonazepam	4.206	18448	1565.3	175.8	6189.8	144035	9.713 ng/ml
a-hydroxyalprazolam	5.641	10955	8703.4	57.8	8142.7	283721	9.415 ng/ml
alpha-PHP	4.910	46384	1510.3	252.3	2623.1	592962	10.061 ng/ml
alpha-PVP	4.337	164408	6253.5	52.8	1595.4	592962	10.155 ng/ml
Alprazolam	5.726	69331	2898514789 612.7	98.4	∞	258103	9.658 ng/ml
Amphetamine	2.963	117514	2011.3	285.1	3470.5	320940	10.531 ng/ml
Benzoylcegonine	3.798	3134	559.9	59.4	311.4	8658	9.726 ng/ml
Buprenorphine	6.026	7029	∞	14.5	738.4	85846	1.072 ng/ml
Bupropion	4.770	135544	∞	76.6	8687.8	407731	9.697 ng/ml
Carisoprodol	5.680	29669	299574.4	91.1	990.4	136708	9.344 ng/ml
Citalopram	5.183	114407	4446.4	35.1	11773.8	433196	10.186 ng/ml
Clonazepam	5.557	43505	2346.2	35.1	10258.0	77525	10.822 ng/ml
Clonazolam	5.498	45692	67900.1	37.3	3929.6	77525	8.858 ng/ml
Cocaine	4.226	122443	5117.1	51.5	6387.4	865817	10.636 ng/ml
Codeine	2.516	17826	3788.0	96.1	1504.7	77145	9.231 ng/ml
Dextromethorphan	5.222	82851	2408.9	73.6	4430.0	378852	10.420 ng/ml
Dextrorphan	4.072	100021	2495.4	45.7	16684.2	470949	10.673 ng/ml
Diazepam	5.905	44231	3432.2	86.8	17445.3	195262	9.925 ng/ml
Dihydrocodeine	2.470	41618	744.3	61.0	330.9	242067	10.864 ng/ml
Diphenhydramine	5.254	365440	3019.5	32.4	909.5	1622383	9.765 ng/ml
Doxylamine	4.521	343171	8530593326 72541.0	92.9	21338.4	1268812	10.400 ng/ml
Duloxetine	5.621	7187	543.5	10.0	200.4	34714	7.648 ng/ml ocr
EDDP	5.216	179606	7230.2	44.0	1190.1	847881	10.197 ng/ml
Fentanyl	5.115	12231	1282.2	107.6	18151.3	566286	1.062 ng/ml
Flualprazolam	5.656	31880	∞	102.4	75217.9	258103	10.624 ng/ml
Fluoxetine	5.683	96179	∞	6.1	∞	283437	10.145 ng/ml
Hydrocodone	2.970	56611	∞	41.5	734.1	311055	9.493 ng/ml
Hydromorphone	1.528	52496	643.0	72.8	550.5	161747	10.113 ng/ml
Hydroxyzine	5.703	96329	9541.5	122.0	1167.7	598768	10.630 ng/ml
Ketamine	4.047	106056	4001.6	36.9	911.4	444266	10.103 ng/ml
Lamotrigine	4.248	10500	∞	88.7	430.0	362965	9.891 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.699	34506	∞	39.5	∞	283721	11.001 ng/ml
MDA	3.120	155102	3168.5	26.6	1536.8	362965	11.383 ng/ml ne
MDMA	3.217	106700	2677.4	103.0	1219.1	96612	10.550 ng/ml
Meprobamate	4.828	39314	5663.2	34.4	682.1	99652	10.698 ng/ml
Methadone	5.631	153843	9246.3	68.9	1150.3	722944	9.495 ng/ml
Methamphetamine	3.146	351628	∞	39.4	∞	985865	8.942 ng/ml
Metoprolol	4.283	30303	8730.0	95.1	∞	1273151	11.056 ng/ml
Mirtazapine	4.686	224710	6931.7	50.1	∞	1273151	10.014 ng/ml
Mitragynine	5.255	34779	∞	27.0	82881.3	1273151	11.081 ng/ml
Morphine	1.147	7955	1850.4	24.6	449.9	10952	10.255 ng/ml
Norbuprenorphine	4.948	1004	694.6	90.7	1124.2	14168	0.883 ng/ml
Nordiazepam	5.848	40756	4440.4	63.2	32671.4	131848	9.925 ng/ml
Norfentanyl	4.032	3232	800.1	269.9	343.7	864836	0.886 ng/ml
Noroxycodone	2.821	55100	980.3	49.9	563.5	171422	9.548 ng/ml
O-desmethyl-tramadol	3.308	256315	4931.5	6.3	4039.5	1007947	10.640 ng/ml
O-Desmethylvenlafaxine	4.015	69229	273.9	249.1	799.1	223976	11.092 ng/ml
Olanzapine	4.679	98442	128.0	40.0	9.9 Low	254617	10.520 ng/ml
Oxazepam	5.700	67520	969.5	73.0	264.8	283721	10.916 ng/ml
Oxycodone	2.759	129123	22346.9	30.1	1712.3	483616	10.499 ng/ml
Oxymorphone	1.320	72657	∞	44.7	∞	234373	9.625 ng/ml
Phentermine	3.714	40161	∞	14.4	88.0	469362	10.223 ng/ml
Promethazine	5.522	104166	1500.3	53.6	∞	598768	9.735 ng/ml
Pseudoephedrine	2.483	295133	4365.4	17.5	1679.5	1273151	10.017 ng/ml
Quetiapine	5.597	115865	∞	60.6	125630.3	172150	10.336 ng/ml
Sertraline	5.752	24688	41367.4	105.2	2471.7	89555	9.746 ng/ml
Temazepam	5.768	136692	1557.6	29.7	3114.4	601050	10.200 ng/ml
Tramadol	4.196	287455	∞	3.5	100.4	1039524	10.671 ng/ml
Trazodone	5.361	187115	37644.8	62.0	2439.3	604599	9.871 ng/ml
Venlafaxine	4.997	157510	16148.2	58.3	1758.7	1243002	9.036 ng/ml
Zolpidem	5.100	273986	10652.9	29.2	3637.7	1051468	10.282 ng/ml

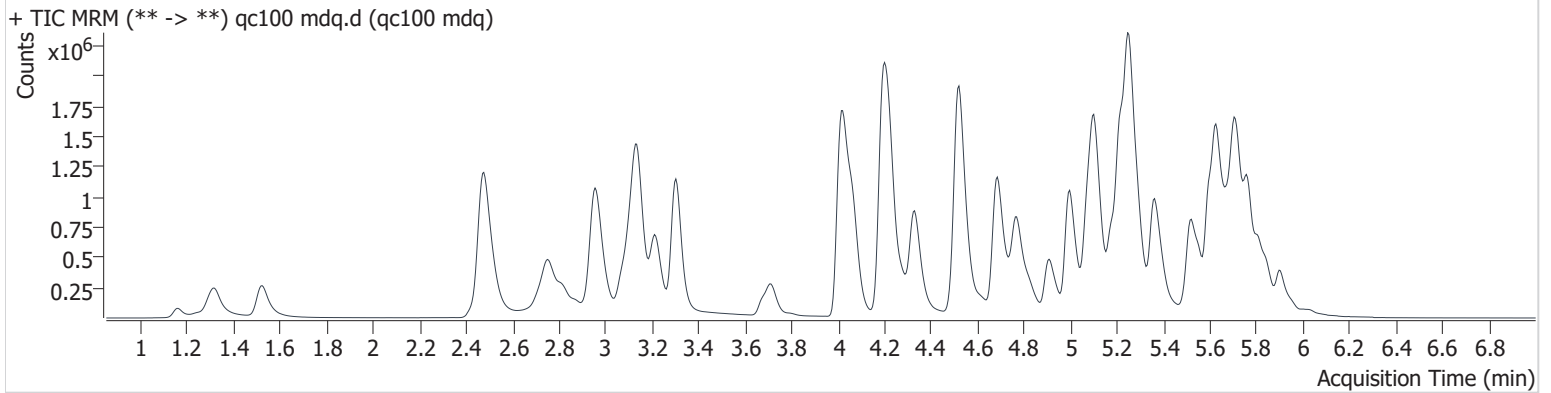
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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	9/28/2022 6:03:19 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.076	24326	47988.0	133.0	99283.7	59762	108.660 ng/ml
7-aminoclonazepam	4.200	161584	3793.1	154.7	30046.0	118785	112.858 ng/ml
a-hydroxyalprazolam	5.646	79510	73112.0	52.3	41016.0	196062	90.395 ng/ml
alpha-PHP	4.910	422817	∞	257.8	68868.3	530839	103.286 ng/ml
alpha-PVP	4.332	1464911	2527066.8	53.3	25691.6	530839	101.559 ng/ml
Alprazolam	5.726	622846	3591.6	90.7	∞	224848	94.701 ng/ml
Amphetamine	2.957	878658	27010.9	275.2	40964.1	286431	96.166 ng/ml
Benzoylcegonine	3.793	27741	1524.5	57.3	870.3	7301	110.079 ng/ml
Buprenorphine	6.031	63940	∞	16.9	∞	88491	9.378 ng/ml
Bupropion	4.770	1279093	9712.3	73.4	74118.9	380537	98.330 ng/ml
Carisoprodol	5.675	265611	327901.8	83.0	5119.0	111173	99.207 ng/ml
Citalopram	5.178	1049304	19136.1	36.4	1102813.8	390596	104.881 ng/ml
Clonazepam	5.557	358236	1524800.6	32.4	146508.8	63520	106.762 ng/ml
Clonazepam	5.498	425704	132109.9	37.7	68803.1	63520	93.774 ng/ml
Cocaine	4.226	1075788	73299.2	50.6	584674.2	782307	101.085 ng/ml
Codeine	2.511	154555	23724.9	88.3	∞	58064	100.303 ng/ml
Dextromethorphan	5.222	728783	190849.2	74.6	783178.4	316272	103.867 ng/ml
Dextrorphan	4.067	878119	42306.3	43.8	94137.6	410684	100.079 ng/ml
Diazepam	5.905	421244	4763.2	84.0	7416.7	185238	99.225 ng/ml
Dihydrocodeine	2.465	353785	4225.6	61.1	713.9	218614	116.098 ng/ml
Diphenhydramine	5.254	3232667	112331.1	30.2	25931.4	1444173	97.352 ng/ml
Doxylamine	4.521	3110047	68142.0	96.3	474222.3	1162752	105.097 ng/ml
Duloxetine	5.621	65482	∞	10.6	141.4	30969	102.215 ng/ml
EDDP	5.216	1745444	88492.4	44.9	∞	837907	97.919 ng/ml
Fentanyl	5.115	117355	10270.5	112.5	228392.8	515457	9.286 ng/ml
Flualprazolam	5.656	285124	4311.3	97.2	∞	224848	113.063 ng/ml
Fluoxetine	5.683	810354	∞	6.2	106984.3	245959	97.557 ng/ml
Hydrocodone	2.965	503382	3744.5	36.1	∞	264523	111.854 ng/ml
Hydromorphone	1.523	461240	727.8	73.3	434.5	149379	98.787 ng/ml
Hydroxyzine	5.703	957708	7415.2	121.3	233773.8	577682	108.806 ng/ml
Ketamine	4.047	897380	∞	37.8	10870.9	373140	105.191 ng/ml
Lamotrigine	4.243	84560	5004.6	87.9	1518.4	309962	98.833 ng/ml
Lorazepam	5.699	221303	9788.3	43.1	1453.7	196062	102.304 ng/ml

AM #28 Multi-Drug Quant. Results

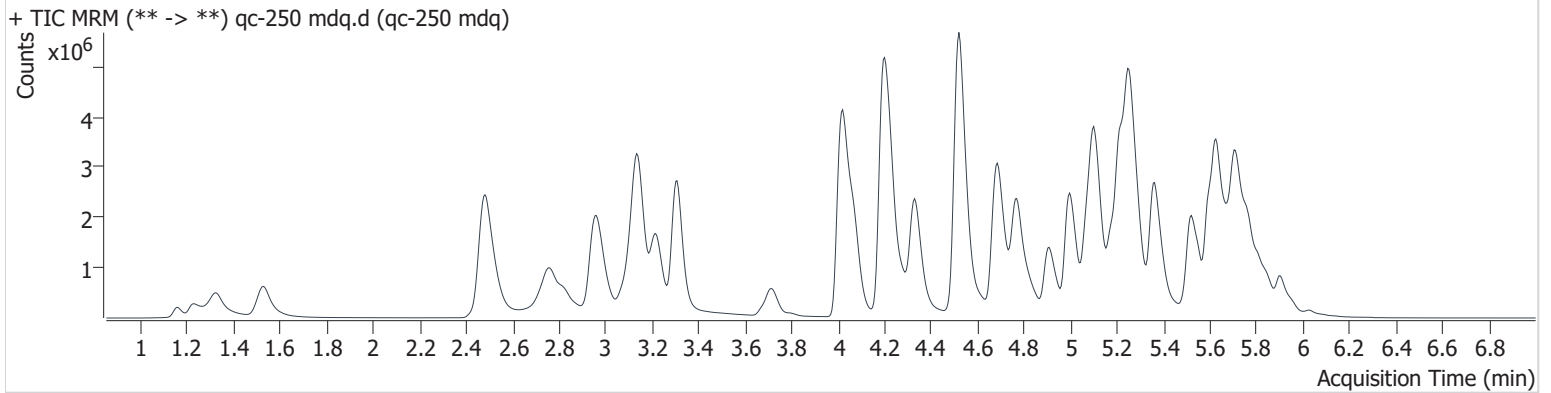
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.115	1177421	14916.8	26.7	4102.5	309962	108.113 ng/ml ne
MDMA	3.217	921892	1972469.4	103.8	18669.6	89173	99.600 ng/ml
Meprobamate	4.828	327847	8908.2	33.0	10299.8	87125	104.471 ng/ml
Methadone	5.631	1585243	20235.7	65.2	29612.2	705248	96.081 ng/ml
Methamphetamine	3.141	2035213	∞	39.3	∞	902095	105.726 ng/ml
Metoprolol	4.283	251125	2565858.2	97.7	∞	1096561	104.675 ng/ml
Mirtazapine	4.686	1975578	∞	49.5	418467.2	1096561	102.822 ng/ml
Mitragynine	5.255	350433	1516388.6	30.0	101705.6	1096561	116.795 ng/ml
Morphine	1.162	73575	23576.7	25.0	6377.7	10397	110.209 ng/ml
Norbuprenorphine	4.948	8077	8155.8	95.3	∞	12636	11.211 ng/ml
Nordiazepam	5.848	359634	∞	61.6	299231.0	116991	99.065 ng/ml
Norfentanyl	4.032	23050	8053.4	284.1	2663.5	705112	10.852 ng/ml
Noroxycodone	2.816	455532	5784.8	47.8	8671.7	146315	88.053 ng/ml
O-desmethyl-tramadol	3.303	2316668	75618.0	6.1	13693.2	936463	103.845 ng/ml
O-Desmethylvenlafaxine	4.015	623606	3894.4	238.3	7235.9	209626	111.304 ng/ml
Olanzapine	4.679	814194	51574.8	42.5	32586.2	243652	96.985 ng/ml
Oxazepam	5.700	425168	∞	71.7	2210.0	196062	101.274 ng/ml
Oxycodone	2.754	1131867	31906.2	27.9	116853.5	436437	109.156 ng/ml
Oxymorphone	1.315	707917	∞	44.8	∞	235257	90.403 ng/ml
Phentermine	3.714	355866	∞	11.9	1685.9	428476	108.739 ng/ml
Promethazine	5.522	1069011	41656.8	52.4	21516.0	577682	99.685 ng/ml
Pseudoephedrine	2.478	2542172	16912.0	17.1	21045.8	1096561	101.781 ng/ml
Quetiapine	5.597	1048848	1432720.6	57.5	∞	162818	110.320 ng/ml
Sertraline	5.752	203868	351747.8	102.6	80127.1	80163	93.490 ng/ml
Temazepam	5.768	1057173	40414.0	31.7	2472.6	479438	99.396 ng/ml
Tramadol	4.196	2538948	∞	3.2	5020.0	948022	105.809 ng/ml
Trazodone	5.361	1855807	994973.1	58.0	∞	597369	97.181 ng/ml
Venlafaxine	4.997	1473812	29254.5	56.4	12123.5	1119711	89.575 ng/ml
Zolpidem	5.106	2402285	253656.7	30.5	40898.5	991145	96.647 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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	9/28/2022 2:17:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	69731	16471.4	138.3	126426.8	75356	247.635 ng/ml
7-aminoclonazepam	4.206	392040	55917.1	146.2	17375.0	119771	272.983 ng/ml
a-hydroxyalprazolam	5.641	123081	2970.4	52.3	830.0	106115	256.878 ng/ml
alpha-PHP	4.910	1309741	55704.3	253.2	∞	646062	263.026 ng/ml
alpha-PVP	4.332	4580593	1940905.5	53.1	159391.8	646062	261.014 ng/ml
Alprazolam	5.726	1443898	9431.0	88.9	10161.8	191000	257.535 ng/ml
Amphetamine	2.957	1945670	36252.4	259.7	36483.8	338998	180.864 ng/ml ocr
Benzoylcegonine	3.798	82304	11925.6	55.1	1383.2	9445	253.553 ng/ml
Buprenorphine	6.026	203605	∞	15.6	26727.9	98799	26.728 ng/ml
Bupropion	4.770	4019993	∞	71.6	84187.4	505431	232.715 ng/ml
Carisoprodol	5.675	520852	1441610.5	79.2	67890.3	79134	272.664 ng/ml
Citalopram	5.178	2565513	83567.4	37.5	606700.0	387633	258.595 ng/ml
Clonazepam	5.557	685764	29369.2	34.5	390743.6	49252	263.256 ng/ml
Clonazepam	5.498	989404	∞	36.6	118327.6	49252	279.747 ng/ml
Cocaine	4.226	2965229	∞	49.5	185579.2	866331	251.203 ng/ml
Codeine	2.521	383373	49023.1	89.9	24791.6	52039	276.597 ng/ml
Dextromethorphan	5.222	1776489	69612.9	69.7	8438667.2	300553	265.458 ng/ml
Dextrorphan	4.072	2439929	257068.3	44.7	86558.3	445458	255.100 ng/ml
Diazepam	5.905	1104205	3596.6	85.7	6822.8	194522	247.614 ng/ml
Dihydrocodeine	2.465	887180	4996.1	61.4	1134.0	268673	238.603 ng/ml
Diphenhydramine	5.259	8739034	123364.3	30.3	109479.5	1461208	260.166 ng/ml
Doxylamine	4.521	10214009	128512.4	96.2	400217.4	1511460	265.914 ng/ml
Duloxetine	5.621	131175	939.8	11.9	837.5	23725	271.515 ng/ml
EDDP	5.216	5287171	539479.0	42.3	∞	968646	256.143 ng/ml
Fentanyl	5.120	273143	12390.3	118.7	285400.7	488237	22.526 ng/ml
Flualprazolam	5.656	578407	16860.6	99.6	4967.4	191000	270.607 ng/ml
Fluoxetine	5.683	1733658	∞	6.5	124226.2	205832	249.233 ng/ml
Hydrocodone	2.965	1277981	∞	38.4	1672.9	297910	253.818 ng/ml
Hydromorphone	1.528	1447890	4440.2	72.7	6703.6	168873	274.844 ng/ml
Hydroxyzine	5.703	2585372	260844.5	120.3	188786.4	683886	248.011 ng/ml
Ketamine	4.047	2292412	72149.9	36.9	14256.9	373313	269.177 ng/ml
Lamotrigine	4.248	188030	5280.3	89.9	32146.5	279739	244.479 ng/ml
Lorazepam	5.699	263597	2997.8	42.8	5038.6	106115	225.175 ng/ml

AM #28 Multi-Drug Quant. Results

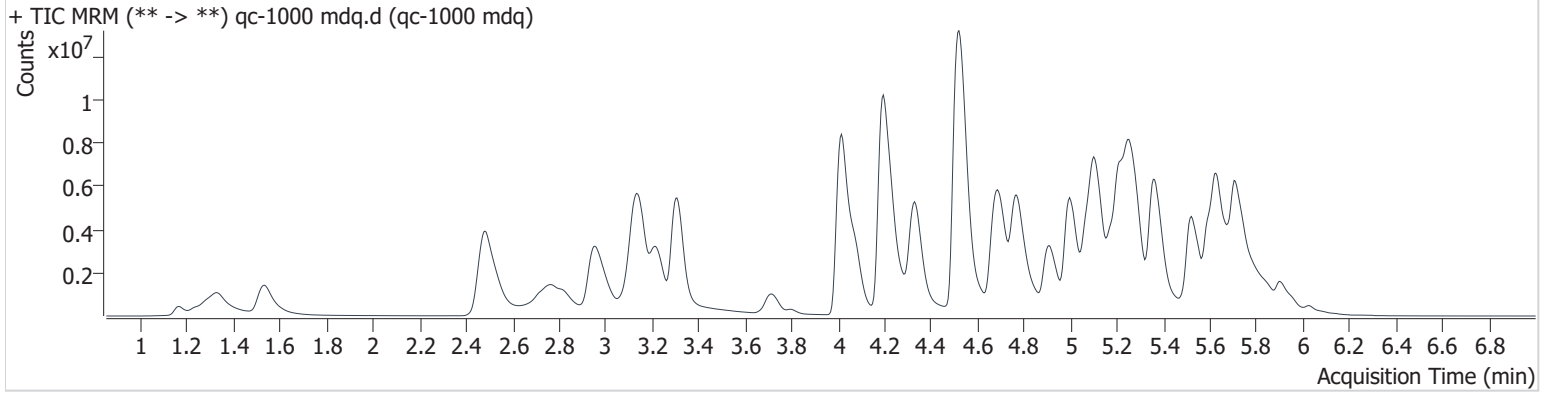
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
MDA	3.109	2221818	61682.0	25.8	2965.0	279739	227.011	ng/ml nc
MDMA	3.217	2530928	130763.2	103.6	650028.6	92855	262.761	ng/ml
Meprobamate	4.833	800703	12144.5	32.9	10936.5	94219	236.298	ng/ml
Methadone	5.631	4637538	∞	59.7	26303.2	782290	252.676	ng/ml
Methamphetamine	3.141	5644820	∞	39.1	∞	1154629	239.877	ng/ml
Metoprolol	4.283	666812	32828.4	97.3	∞	1162682	261.840	ng/ml
Mirtazapine	4.686	5447833	1133654.1	48.5	∞	1162682	267.522	ng/ml
Mitragynine	5.255	782283	37347.0	31.4	1417829.9	1162682	244.573	ng/ml
Morphine	1.157	194124	48364.4	23.2	1488.2	11471	265.179	ng/ml
Norbuprenorphine	4.953	23508	39344.1	97.9	14137.1	15448	27.250	ng/ml
Nordiazepam	5.848	803703	∞	62.5	2333929.0	103217	250.994	ng/ml
Norfentanyl	4.032	48148	1876.1	276.0	2973.4	655531	24.883	ng/ml
Noroxycodone	2.821	998043	6082.4	46.4	12675.6	128717	218.535	ng/ml
O-desmethyl-tramadol	3.308	7029232	267499.2	6.0	34694.0	1152351	256.112	ng/ml
O-Desmethylvenlafaxine	4.015	1734500	2286.4	243.5	9036.3	240740	270.319	ng/ml
Olanzapine	4.674	2537453	17948.5	43.8	2324.8	314905	234.983	ng/ml ocr
Oxazepam	5.700	596927	∞	69.8	∞	106115	263.063	ng/ml
Oxycodone	2.759	2805704	∞	29.5	188117.8	506059	234.290	ng/ml
Oxymorphone	1.320	2142828	∞	48.6	∞	301773	212.857	ng/ml
Phentermine	3.714	913711	∞	11.6	4033.1	516142	233.009	ng/ml
Promethazine	5.522	3375675	157628.7	49.0	50653.7	683886	265.228	ng/ml
Pseudoephedrine	2.483	6737783	∞	16.8	31676.9	1162682	254.687	ng/ml
Quetiapine	5.597	2501244	∞	60.8	5285631.2	178267	241.854	ng/ml
Sertraline	5.752	430504	∞	98.8	945612.1	61909	256.387	ng/ml
Temazepam	5.773	2104864	∞	31.3	3430.2	376274	252.248	ng/ml
Tramadol	4.196	7157754	∞	3.2	6201.7	1088565	260.194	ng/ml
Trazodone	5.361	5219950	157729.4	62.5	11241154.1	665008	245.224	ng/ml
Venlafaxine	4.997	4675844	146233.1	52.5	37223.7	1267817	250.166	ng/ml
Zolpidem	5.106	6924685	194014.4	29.1	84619.6	1071539	257.892	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 2:26:30 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
6-MAM	3.076	198256	985326.4	138.4	48434.2	57250	928.058	ng/ml
7-aminoclonazepam	4.200	530178	20832.6	126.9	46385.1	58859	752.987	ng/ml ocr
a-hydroxyalprazolam	5.646	95364	∞	55.2	633.4	16078	1309.904	ng/ml ocr
alpha-PHP	4.910	3290868	37699.9	260.8	22141.7	424740	1005.513	ng/ml
alpha-PVP	4.332	12173765	894472.6	50.9	236472.3	424740	1055.326	ng/ml
Alprazolam	5.726	2273092	9509.3	94.1	3337.9	70820	1091.736	ng/ml
Amphetamine	2.947	3401426	33138.1	250.3	∞	265835	404.532	ng/ml ocr
Benzoylcegonine	3.798	336681	41177.2	54.3	7516.7	9107	1078.407	ng/ml
Buprenorphine	6.026	721374	1517662.2	16.2	110821.0	98140	95.309	ng/ml
Bupropion	4.770	11027574	1201085.8	68.6	309969.8	379037	851.339	ng/ml
Carisoprodol	5.675	562805	2115664.3	78.2	37351.9	23955	972.337	ng/ml
Citalopram	5.178	5041829	283562.1	39.0	8475.5	188560	1045.153	ng/ml
Clonazepam	5.562	958891	29970.4	32.1	487035.3	16516	1097.024	ng/ml
Clonazepam	5.493	1548114	∞	37.1	∞	16516	1302.859	ng/ml
Cocaine	4.231	6535508	256597.3	48.9	∞	481354	995.679	ng/ml
Codeine	2.521	757887	∞	92.2	89754.9	23827	1192.318	ng/ml
Dextromethorphan	5.222	2791550	1425255.1	72.3	124249.4	123660	1012.086	ng/ml
Dextrorphan	4.077	5633666	155066.0	44.3	66091.7	246443	1062.090	ng/ml
Diazepam	5.905	2635880	10740.5	84.2	∞	122604	937.678	ng/ml
Dihydrocodeine	2.460	1980838	1450.7	62.6	1683.2	215424	667.355	ng/ml ocr
Diphenhydramine	5.270	14831778	715395.0	31.8	106078.2	643487	1002.756	ng/ml
Doxylamine	4.521	28193049	∞	96.5	108999.9	1107547	1002.364	ng/ml
Duloxetine	5.626	163249	6925.4	12.7	4667.6	8328	969.265	ng/ml
EDDP	5.211	13360936	134161.7	44.5	397227.9	628996	996.039	ng/ml
Fentanyl	5.125	547875	26644.0	117.3	∞	202566	108.135	ng/ml
Flualprazolam	5.662	738742	∞	94.3	∞	70820	933.187	ng/ml
Fluoxetine	5.683	3055255	∞	6.3	248760.3	90744	995.960	ng/ml
Hydrocodone	2.959	3324384	∞	37.8	6358.1	215116	917.837	ng/ml
Hydromorphone	1.533	3816502	2390.8	73.1	2843.0	114550	1068.895	ng/ml
Hydroxyzine	5.703	6367331	1311123.5	121.5	1698099.5	475031	879.161	ng/ml
Ketamine	4.042	4311611	1119155.9	37.4	20701.4	196967	960.504	ng/ml
Lamotrigine	4.248	271789	15503.4	85.0	75585.9	145560	680.308	ng/ml ocr
Lorazepam	5.699	183454	∞	39.9	856.8	16078	1034.386	ng/ml

AM #28 Multi-Drug Quant. Results

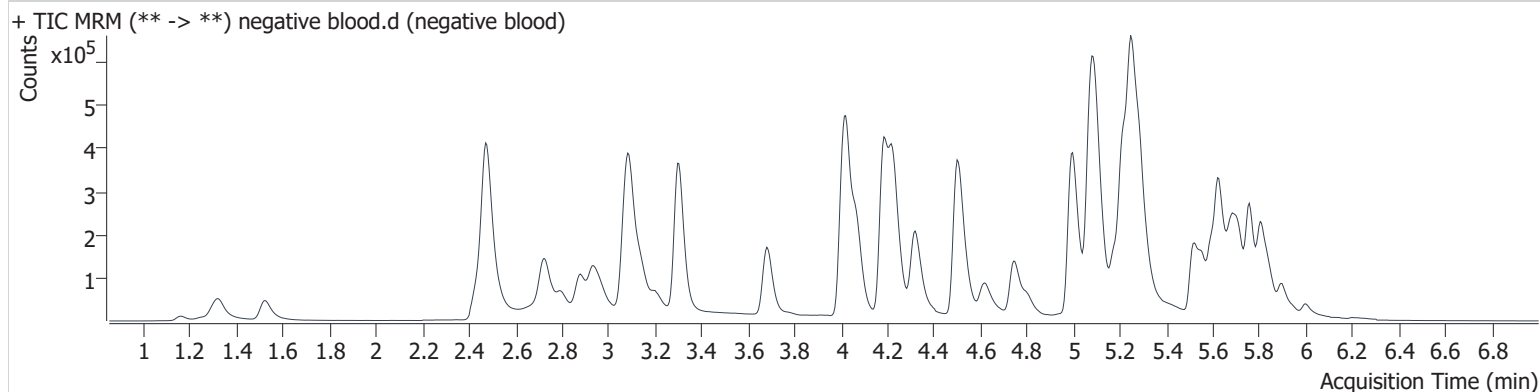
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.		
MDA	3.104	3314781	92930.1	27.6	5779.4	145560	652.523	ng/ml	ocr ne
MDMA	3.217	5716933	506877.6	96.7	145082.8	53148	1037.263	ng/ml	
Meprobamate	4.833	1521257	30241.7	32.0	24762.5	47849	884.790	ng/ml	
Methadone	5.631	12004817	314229.6	56.6	1823542.8	495985	1030.286	ng/ml	
Methamphetamine	3.141	12177474	∞	37.5	∞	957196	639.012	ng/ml	ocr
Metoprolol	4.283	1276851	146008.8	97.6	∞	604220	964.274	ng/ml	
Mirtazapine	4.692	10672343	181696.2	49.2	113677.3	604220	1008.646	ng/ml	
Mitragynine	5.255	1513188	∞	33.0	1227286.9	604220	907.074	ng/ml	
Morphine	1.167	558629	25874.9	23.6	11854.8	8239	1065.967	ng/ml	
Norbuprenorphine	4.953	59439	66725.7	94.1	75650.3	9508	113.200	ng/ml	
Nordiazepam	5.853	1253173	∞	62.0	∞	35264	1145.667	ng/ml	
Norfentanyl	4.032	66052	∞	265.0	7166.9	278834	81.144	ng/ml	ocr
Noroxycodone	2.821	1889894	28494.3	44.9	∞	49835	1066.847	ng/ml	
O-desmethyl-tramadol	3.308	17895056	338706.4	5.9	607411.4	750388	1001.386	ng/ml	
O-Desmethylvenlafaxine	4.010	3852383	31451.2	247.3	4267.4	145191	996.912	ng/ml	
Olanzapine	4.669	6291530	77748.8	47.7	7064.8	274048	670.961	ng/ml	ocr
Oxazepam	5.700	346933	236872.2	75.8	2357.8	16078	1009.706	ng/ml	
Oxycodone	2.769	5956040	∞	29.3	∞	317270	795.274	ng/ml	ocr
Oxymorphone	1.325	5724020	∞	44.1	∞	196967	870.068	ng/ml	
Phentermine	3.714	1908119	∞	10.6	17562.7	398679	631.823	ng/ml	ocr
Promethazine	5.522	9595096	243844.9	45.1	1924094.0	475031	1084.107	ng/ml	
Pseudoephedrine	2.483	13840222	∞	16.6	∞	604220	1007.221	ng/ml	
Quetiapine	5.592	4733589	∞	58.0	∞	114649	714.266	ng/ml	ocr
Sertraline	5.747	914434	897974.7	99.5	1703084.2	33484	1008.174	ng/ml	
Temazepam	5.784	2349262	243221.3	31.3	10037.5	98600	1074.579	ng/ml	
Tramadol	4.191	16213940	∞	3.1	5608.6	722912	888.203	ng/ml	
Trazodone	5.361	13543781	481099.4	61.4	2947393.7	405568	1042.590	ng/ml	
Venlafaxine	4.997	12816733	907815.9	47.4	149972.2	760958	1140.836	ng/ml	
Zolpidem	5.106	16487116	265584.0	28.3	499520.0	618169	1064.727	ng/ml	

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	9/28/2022 2:53:33 PM		
Sample Info.			

Sample Chromatogram

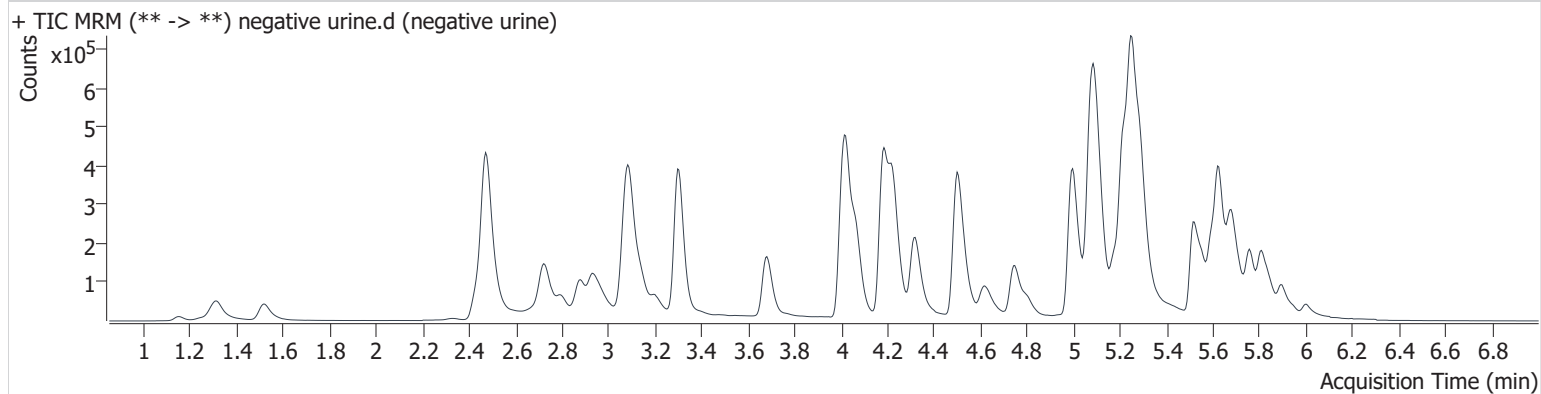


AM #28 Multi-Drug Quant. Results

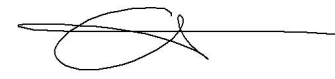
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

Instrument	69679	Data File	negative urine.d
Type	Sample	Sample	negative urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F4	Comment	
Injection Volume	3		
Acq. Date-Time	9/28/2022 5:45:14 PM		
Sample Info.			

Sample Chromatogram



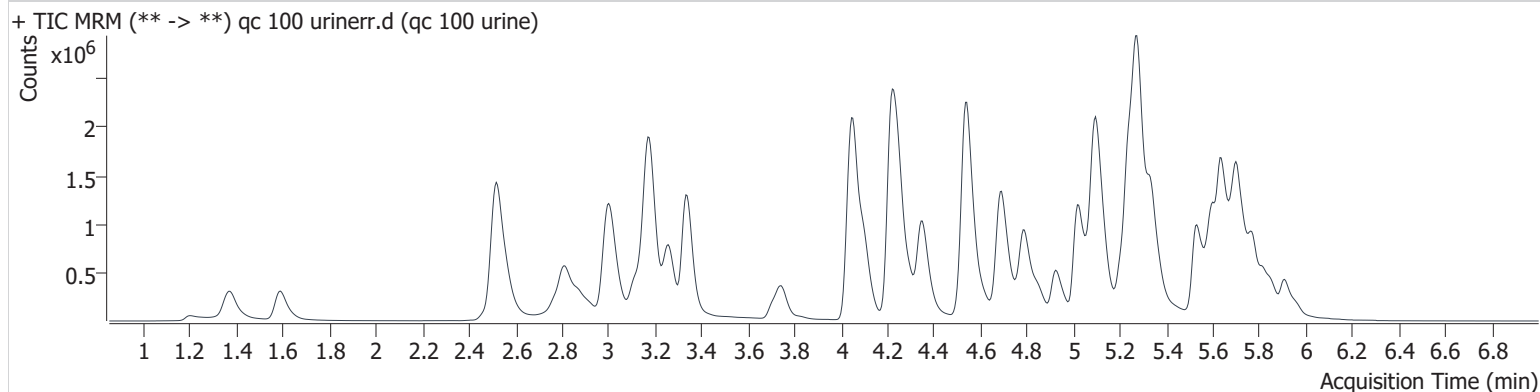
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

Instrument	69679	Data File	qc 100 urinerr.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	9/29/2022 8:00:49 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.122	27020	30763.3	141.9	1990.8	71015	101.539 ng/ml
7-aminoclonazepam	4.231	244553	∞	145.7	57773.9	164430	123.485 ng/ml
a-hydroxyalprazolam	5.657	66271	∞	56.4	∞	91492	160.755 ng/ml
alpha-PHP	4.926	472256	12581.1	245.6	184702.9	624602	98.041 ng/ml
alpha-PVP	4.352	1743331	187906.7	54.2	26022.7	624602	102.719 ng/ml
Alprazolam	5.736	525140	1769.1	90.2	3605.5	183812	97.654 ng/ml
Amphetamine	2.998	1081512	27567.3	257.2	398847.5	380348	89.062 ng/ml
Benzoylcegonine	3.829	37081	7656.2	54.4	770.7	11026	97.330 ng/ml
Buprenorphine	5.953	70615	340365.5	15.8	16043.4	87288	10.499 ng/ml
Bupropion	4.791	1530258	∞	72.4	23411.5	479404	93.376 ng/ml
Carisoprodol	5.680	278776	494890.2	82.7	1603.1	124116	93.289 ng/ml
Citalopram	5.209	1094998	10528.7	37.4	388594.8	417369	102.425 ng/ml
Clonazepam	5.567	281421	61750.4	36.3	184891.6	49076	108.551 ng/ml
Clonazepam	5.508	309084	34353.5	38.4	13982.2	49076	88.165 ng/ml
Cocaine	4.251	1119465	87682.0	50.1	20552.7	869824	94.623 ng/ml
Codeine	2.562	177798	28977.2	93.6	45220.8	66972	100.042 ng/ml
Dextromethorphan	5.248	858508	61448.4	74.8	13744.6	377543	102.507 ng/ml
Dextrorphan	4.103	1071399	119113.6	44.3	∞	470752	106.473 ng/ml
Diazepam	5.910	459258	11953.5	86.7	7085.2	202151	99.128 ng/ml
Dihydrocodeine	2.500	413102	1204.0	61.6	2691.7	264846	111.839 ng/ml
Diphenhydramine	5.280	3901545	124574.3	31.4	∞	1700628	99.777 ng/ml
Doxylamine	4.545	3743314	∞	96.1	285475.4	1434712	102.512 ng/ml
Duloxetine	5.632	114614	1885.6	12.1	1569.8	56610	97.764 ng/ml
EDDP	5.242	2176756	97793.3	42.1	51585.8	998238	102.490 ng/ml
Fentanyl	5.125	134382	6437.7	115.5	735257.9	608378	9.015 ng/ml
Flualprazolam	5.662	283840	86839.9	95.4	10523.0	183812	137.776 ng/ml
Fluoxetine	5.689	908351	559923.2	6.7	51126.1	294395	91.370 ng/ml
Hydrocodone	3.010	541996	9543.5	37.1	3582.7	296300	107.466 ng/ml
Hydromorphone	1.588	532371	1053.4	73.8	326.5	154786	110.073 ng/ml
Hydroxyzine	5.703	1057105	666.9	119.6	15957.7	760305	91.264 ng/ml
Ketamine	4.063	1025147	27163.1	36.7	4600.4	437499	102.481 ng/ml
Lamotrigine	4.284	100636	27823.5	91.6	5998.5	401987	90.642 ng/ml
Lorazepam	5.704	89567	723.8	44.7	482.1	91492	88.725 ng/ml

AM #28 Multi-Drug Quant. Results

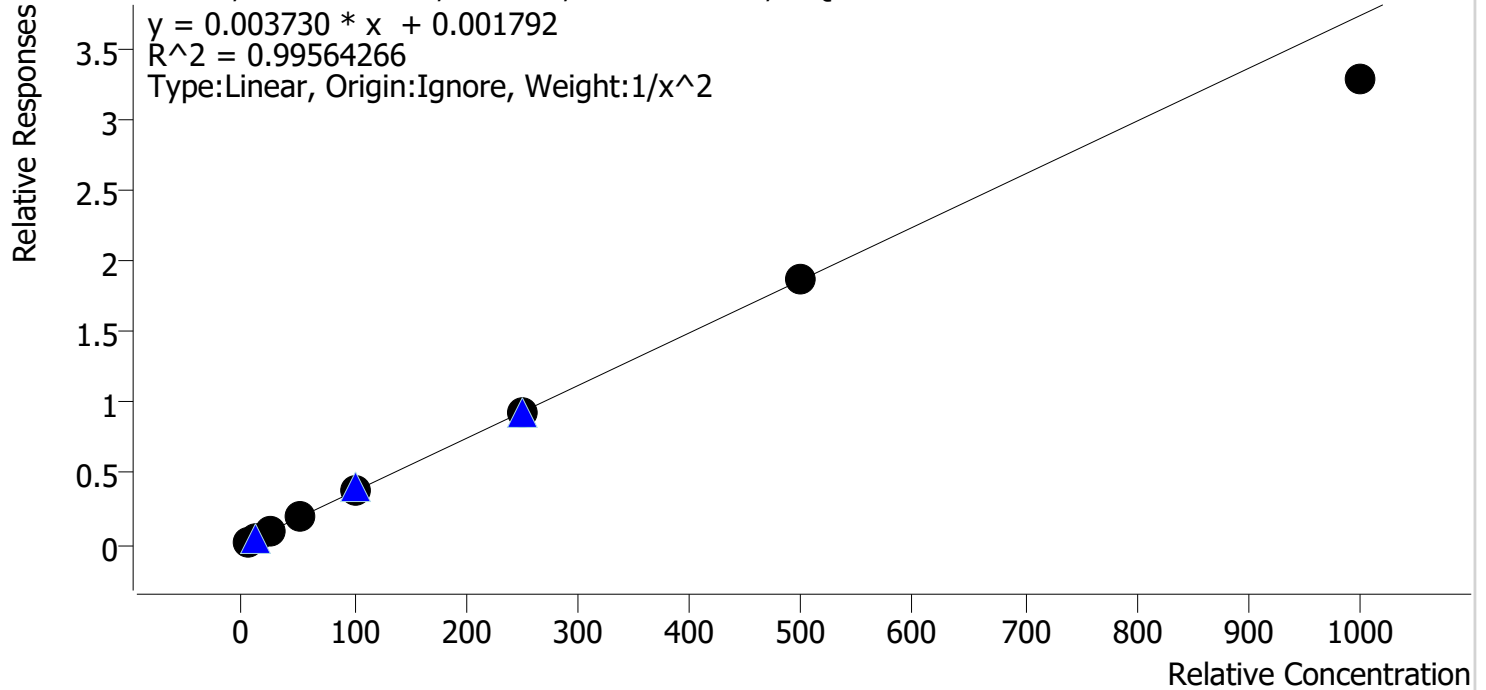
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.161	1315021	26727.3	28.1	∞	401987	92.984 ng/ml
MDMA	3.258	1068035	2479993.9	106.4	31331.4	109082	94.324 ng/ml
Meprobamate	4.853	431005	216865.7	31.7	1355.4	121666	98.336 ng/ml
Methadone	5.636	1809609	∞	63.7	∞	833962	92.767 ng/ml
Methamphetamine	3.177	2710435	∞	38.7	48063.7	1108282	115.383 ng/ml
Metoprolol	4.304	288969	∞	96.0	∞	1347922	98.000 ng/ml
Mirtazapine	4.692	2301886	5056712.6	47.3	185795.0	1347922	97.461 ng/ml
Mitragynine	5.260	393490	965324.7	29.9	∞	1347922	106.793 ng/ml
Morphine	1.202	72393	18664.0	22.8	2520.5	10024	112.497 ng/ml
Norbuprenorphine	4.979	8480	∞	93.0	7725.2	12693	11.736 ng/ml
Nordiazepam	5.853	341753	∞	61.5	29022.9	106785	103.138 ng/ml
Norfentanyl	4.058	28413	1948.6	253.4	5430.5	795651	11.892 ng/ml
Noroxycodone	2.872	456407	26104.9	46.7	1918.2	148705	86.811 ng/ml
O-desmethyl-tramadol	3.339	2646725	∞	6.3	41753.6	1148996	96.692 ng/ml
O-Desmethylvenlafaxine	4.046	727936	3754.7	234.5	7629.6	256146	106.305 ng/ml
Olanzapine	4.679	1138787	119364.7	42.8	2196.4	303915	108.848 ng/ml
Oxazepam	5.706	198182	6553.2	68.4	1480.7	91492	101.161 ng/ml
Oxycodone	2.805	1222072	58755.5	30.0	16623.9	517337	99.352 ng/ml
Oxymorphone	1.370	846949	∞	44.5	∞	282164	90.179 ng/ml
Phentermine	3.745	453168	7119.7	12.4	2584.7	533619	111.211 ng/ml
Promethazine	5.532	1423174	51992.0	51.0	19398.9	760305	100.829 ng/ml
Pseudoephedrine	2.524	3095354	∞	17.5	41474.9	1347922	100.817 ng/ml
Quetiapine	5.587	1140963	1603315.5	58.3	∞	156592	124.955 ng/ml
Sertraline	5.763	186673	221678.9	100.6	128295.0	73802	92.980 ng/ml
Temazepam	5.778	714549	8124.2	29.4	1449.4	306767	105.001 ng/ml
Tramadol	4.222	2973023	∞	3.3	5598.9	1179892	99.534 ng/ml
Trazodone	5.334	1948011	330759.4	61.5	∞	556572	109.460 ng/ml
Venlafaxine	5.023	1819141	79295.4	51.2	8206.9	1255356	98.570 ng/ml
Zolpidem	5.090	2759466	46979.6	29.2	11474.2	1077936	102.086 ng/ml

Compound Calibration Report



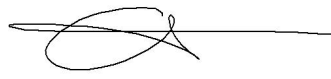
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



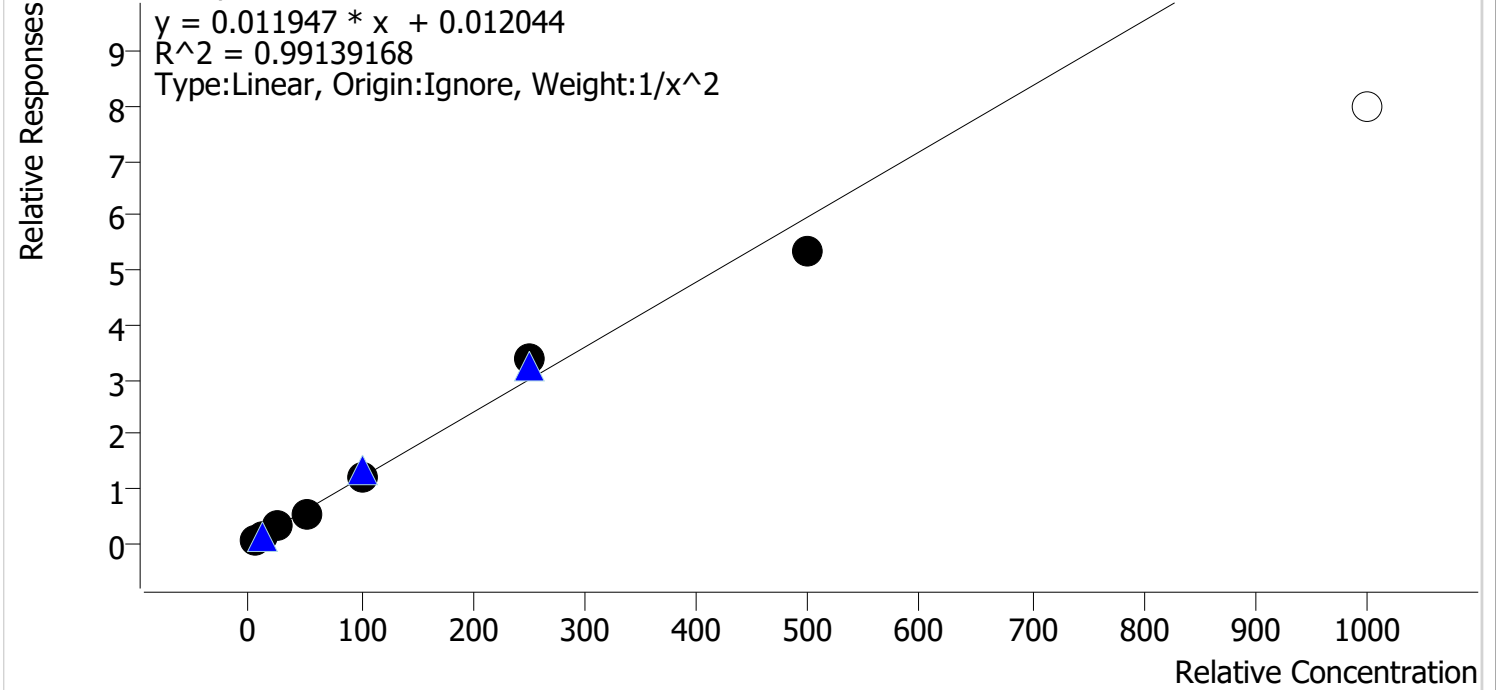
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	26.7	106.6
cal 4 mdq	4	✓	50.0	52.7	105.4
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	500.6	100.1
cal 8 mdq	8	✓	1000.0	880.2	88.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

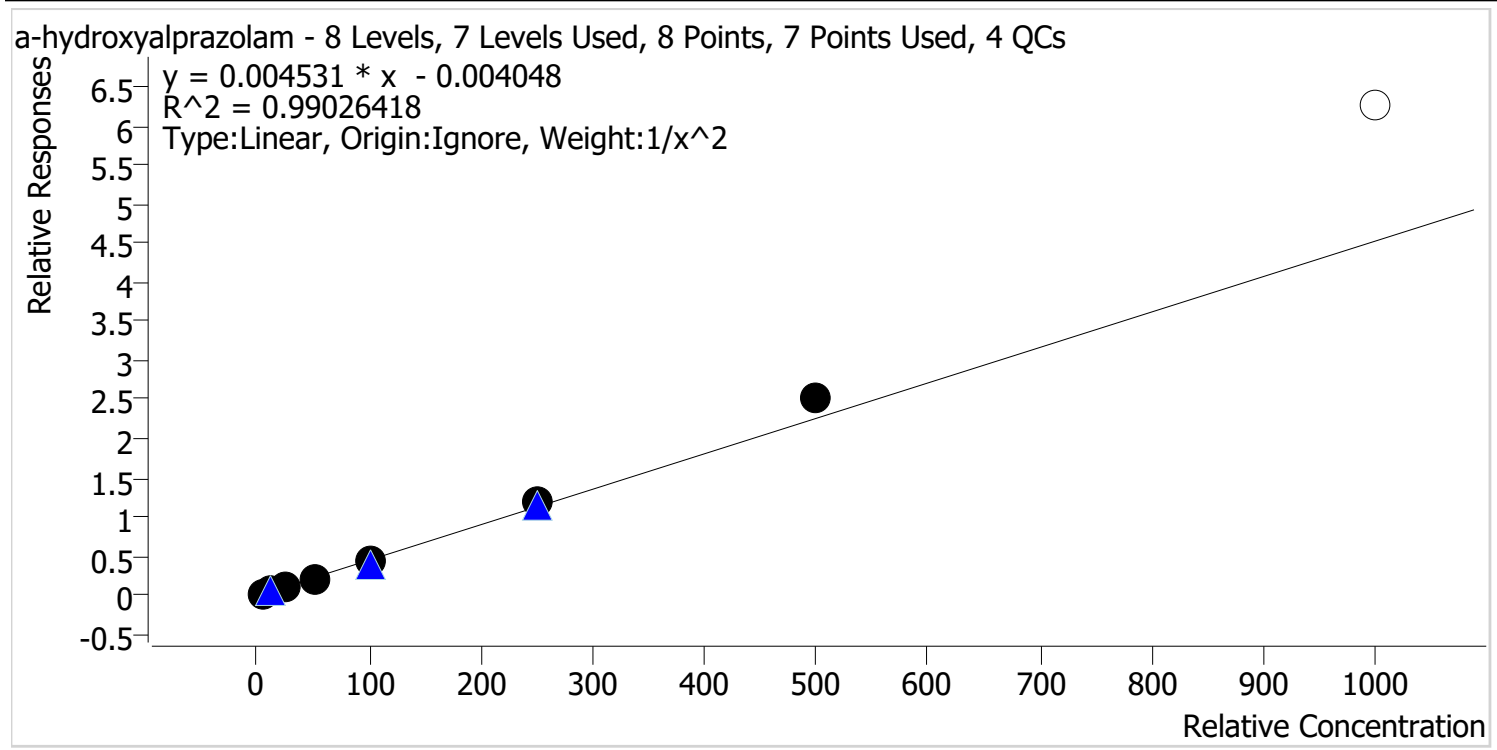


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	26.4	105.8
cal 4 mdq	4	✓	50.0	46.0	91.9
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	281.4	112.6
cal 7 mdq	7	✓	500.0	448.9	89.8
cal 8 mdq	8	✗	1000.0	667.0	66.7

Compound Calibration Report

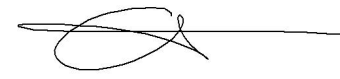


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.5
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	23.3	93.0
cal 4 mdq	4	✓	50.0	44.1	88.1
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	269.0	107.6
cal 7 mdq	7	✓	500.0	561.4	112.3
cal 8 mdq	8	x	1000.0	1382.4	138.2

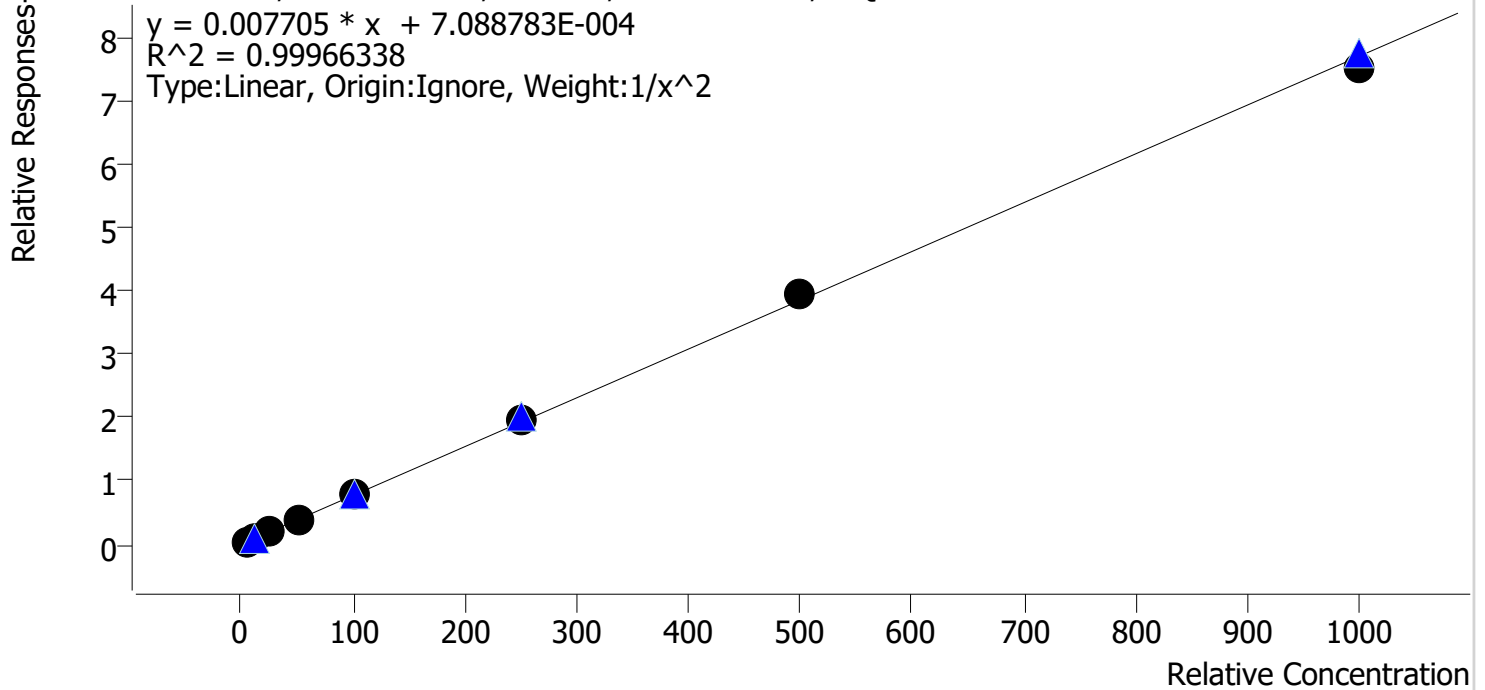
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte alpha-PHP

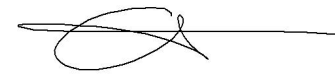
Internal Standard alpha-PVP-d8

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

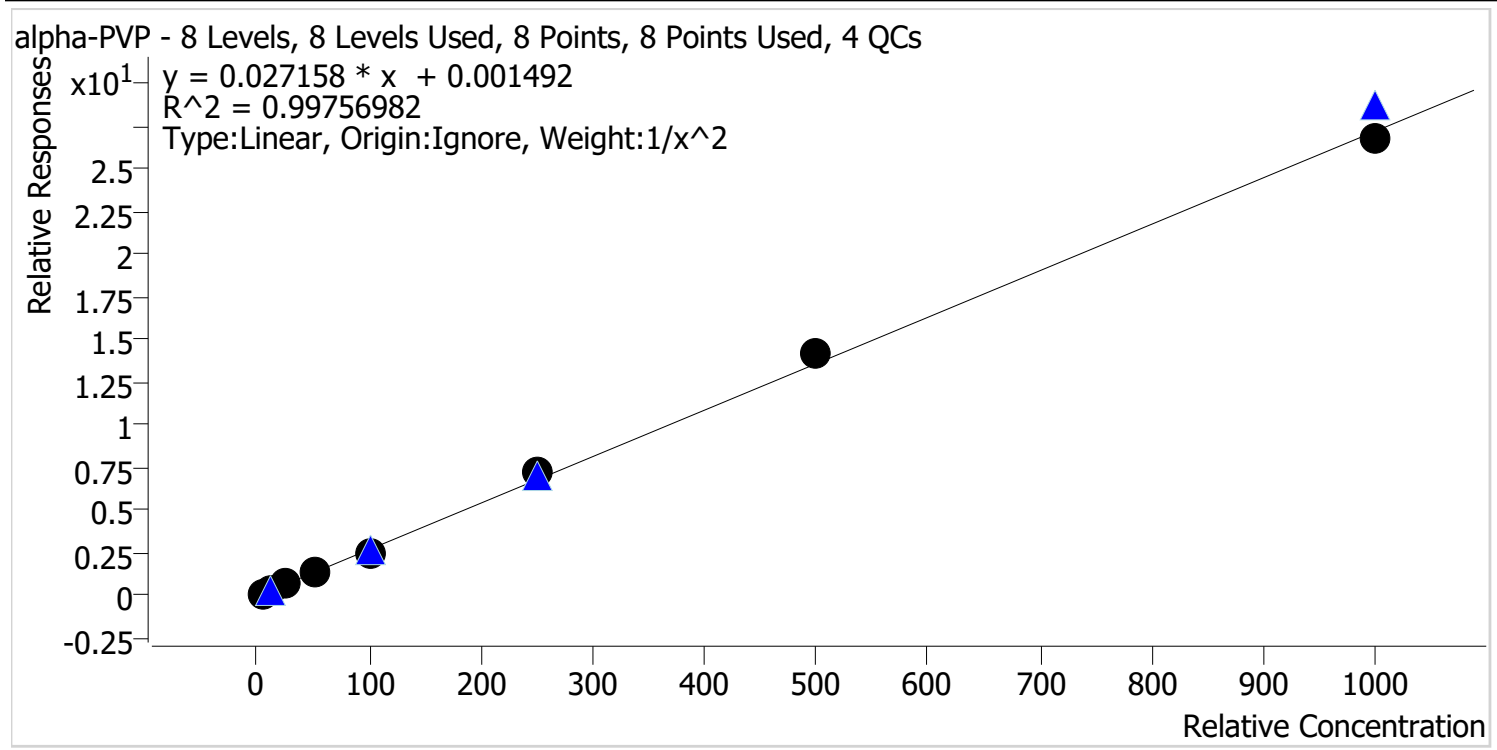


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	25.1	100.2
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	511.2	102.2
cal 8 mdq	8	✓	1000.0	980.1	98.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

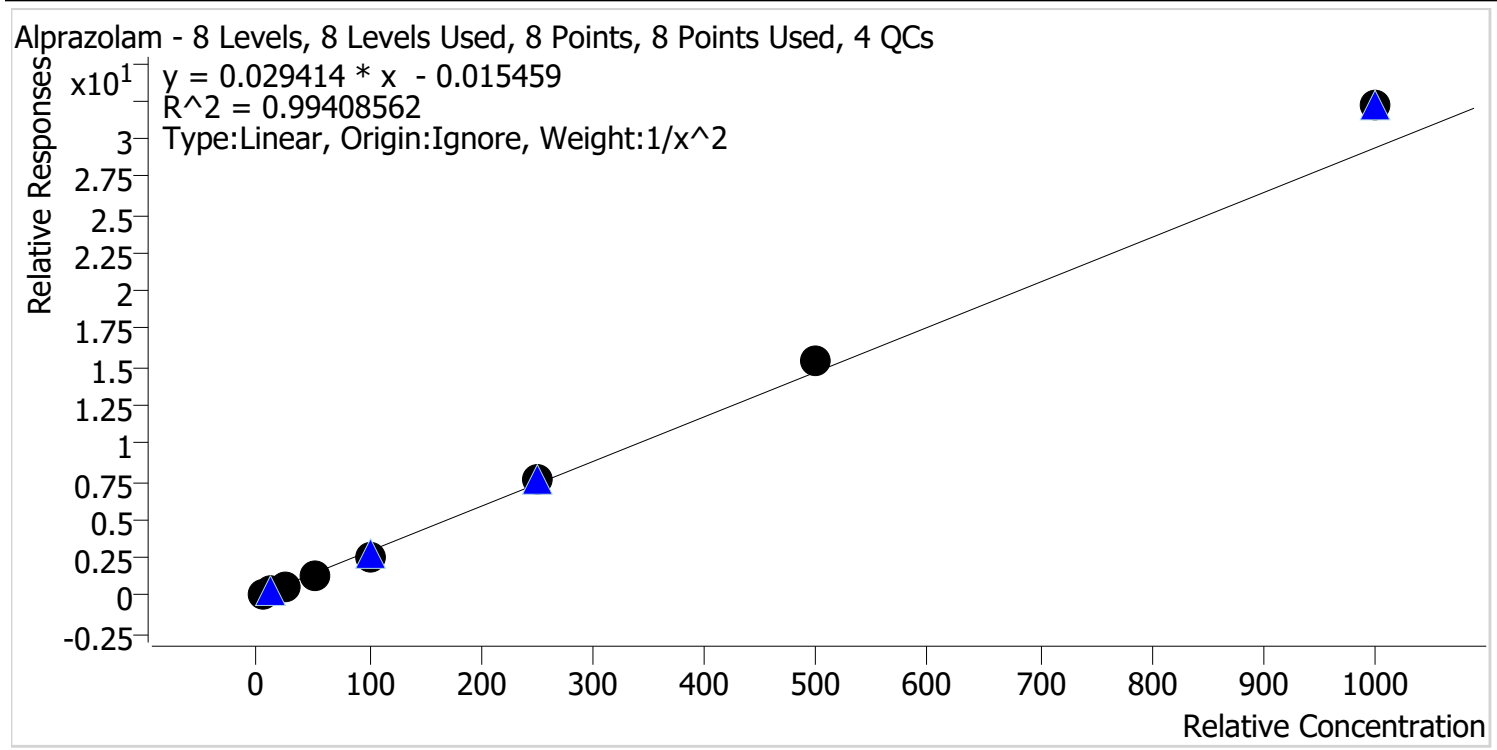


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	47.6	95.2
cal 5 mdq	5	✓	100.0	93.3	93.3
cal 6 mdq	6	✓	250.0	263.8	105.5
cal 7 mdq	7	✓	500.0	524.9	105.0
cal 8 mdq	8	✓	1000.0	986.7	98.7

Compound Calibration Report

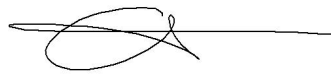


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



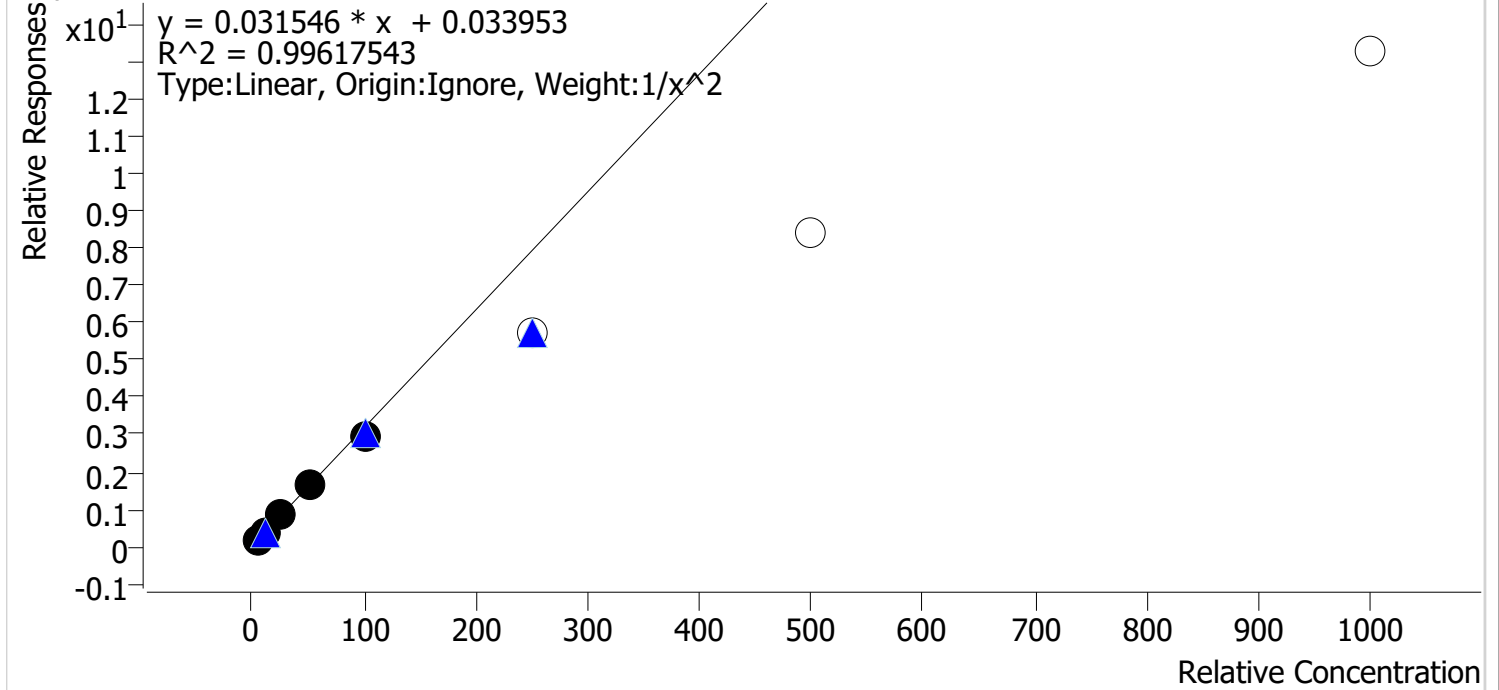
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	47.7	95.5
cal 5 mdq	5	✓	100.0	89.6	89.6
cal 6 mdq	6	✓	250.0	262.6	105.0
cal 7 mdq	7	✓	500.0	525.6	105.1
cal 8 mdq	8	✓	1000.0	1094.3	109.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



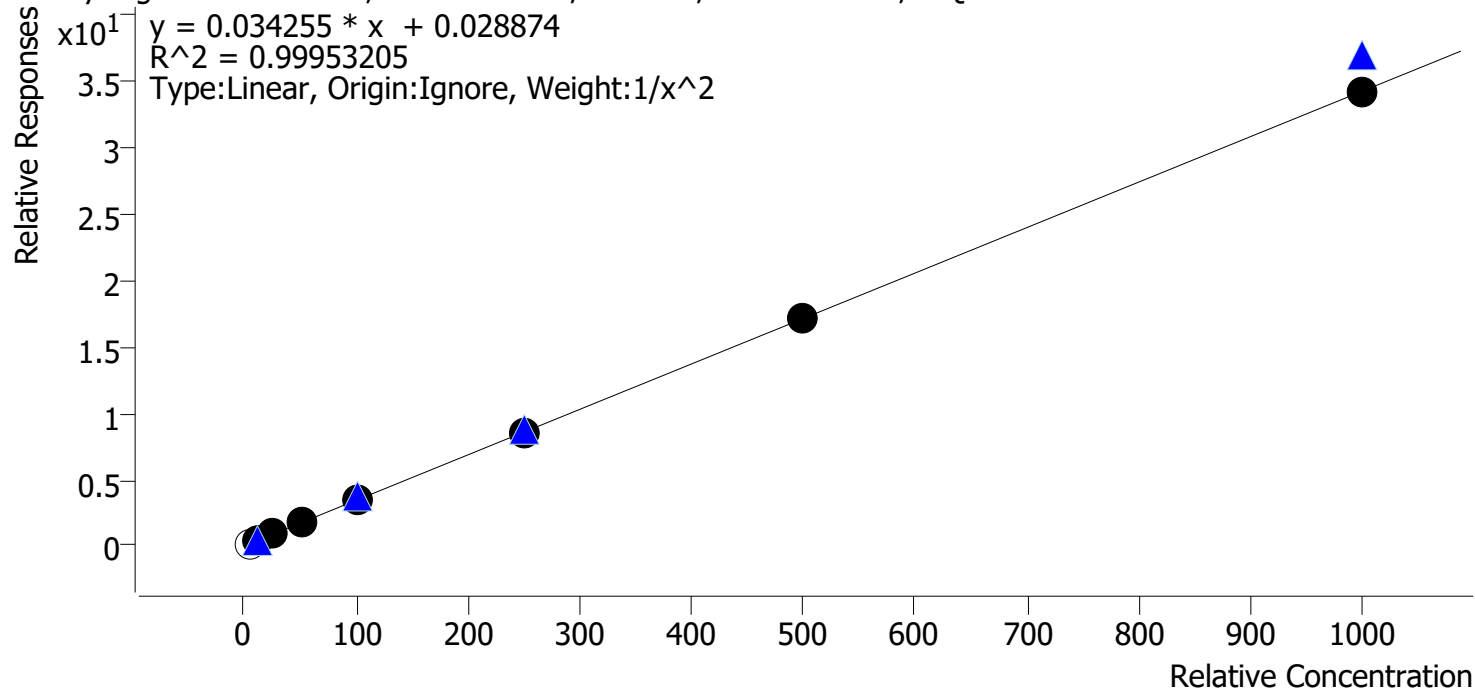
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.3	103.2
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	51.0	102.1
cal 5 mdq	5	✓	100.0	92.7	92.7
cal 6 mdq	6	✗	250.0	180.7	72.3
cal 7 mdq	7	✗	500.0	266.2	53.2
cal 8 mdq	8	✗	1000.0	418.9	41.9

Compound Calibration Report



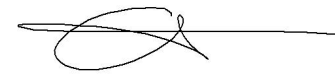
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



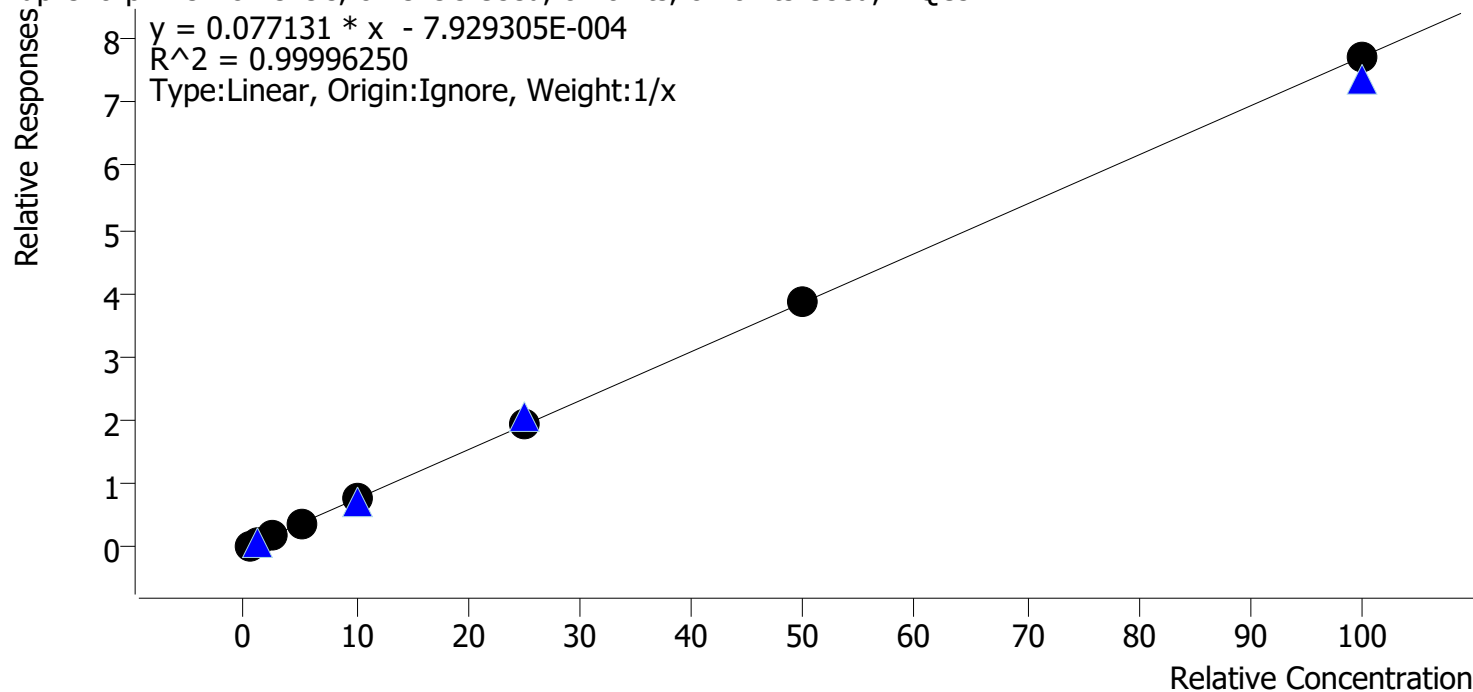
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	4.5	89.4
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	48.1	96.2
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	501.5	100.3
cal 8 mdq	8	✓	1000.0	998.2	99.8

Compound Calibration Report



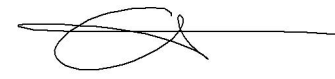
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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

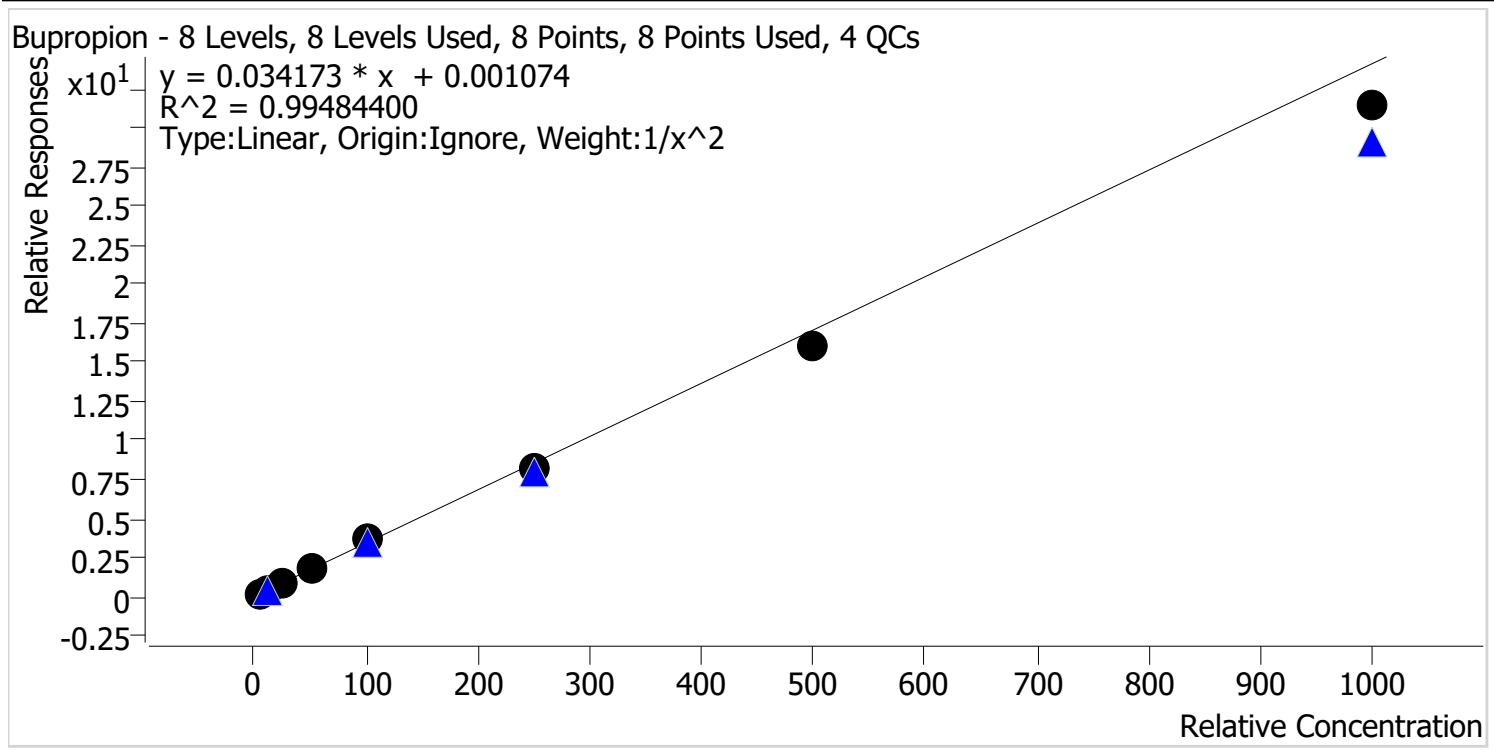


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	97.7
cal 2 mdq	2	✓	1.0	1.0	99.1
cal 3 mdq	3	✓	2.5	2.6	102.6
cal 4 mdq	4	✓	5.0	5.0	100.3
cal 5 mdq	5	✓	10.0	10.0	99.6
cal 6 mdq	6	✓	25.0	25.3	101.2
cal 7 mdq	7	✓	50.0	49.9	99.7
cal 8 mdq	8	✓	100.0	99.8	99.8

Compound Calibration Report

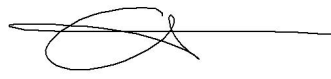


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



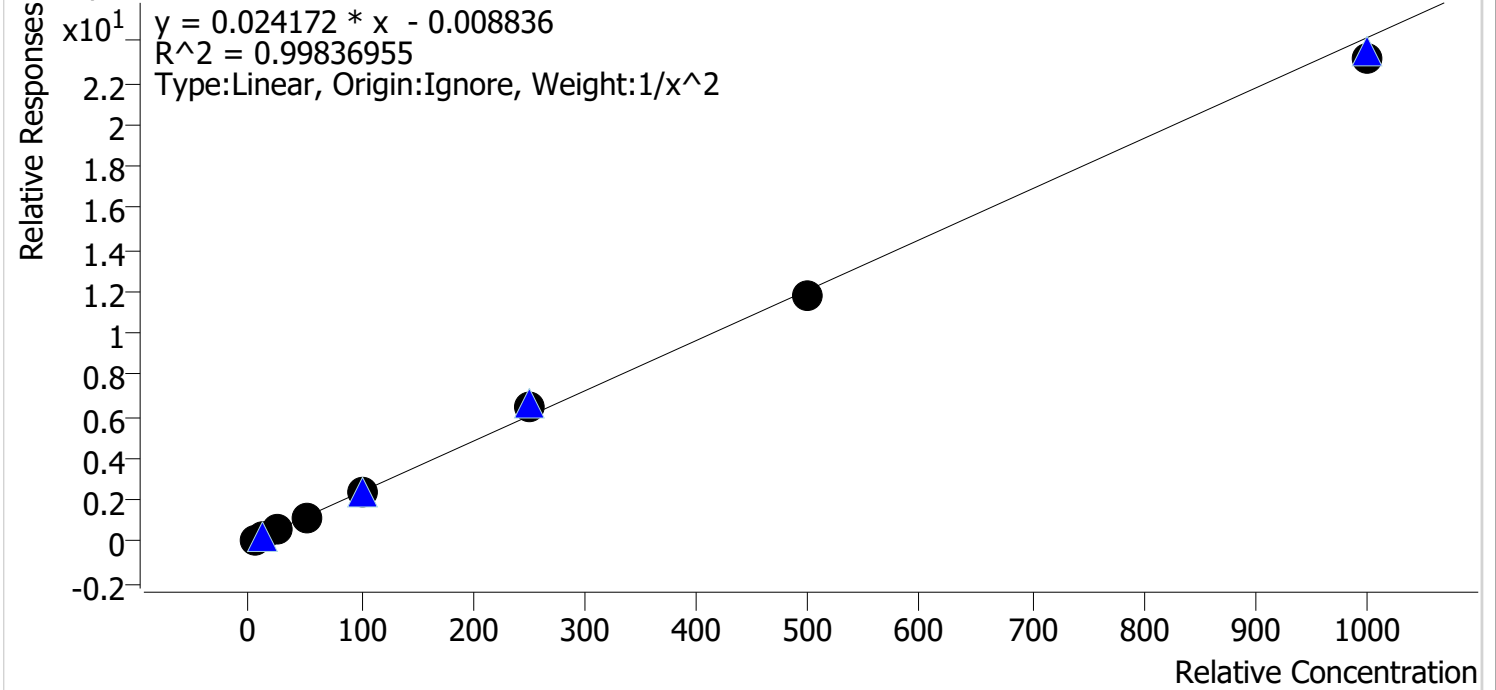
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	26.1	104.5
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	110.7	110.7
cal 6 mdq	6	✓	250.0	239.6	95.8
cal 7 mdq	7	✓	500.0	471.5	94.3
cal 8 mdq	8	✓	1000.0	921.3	92.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

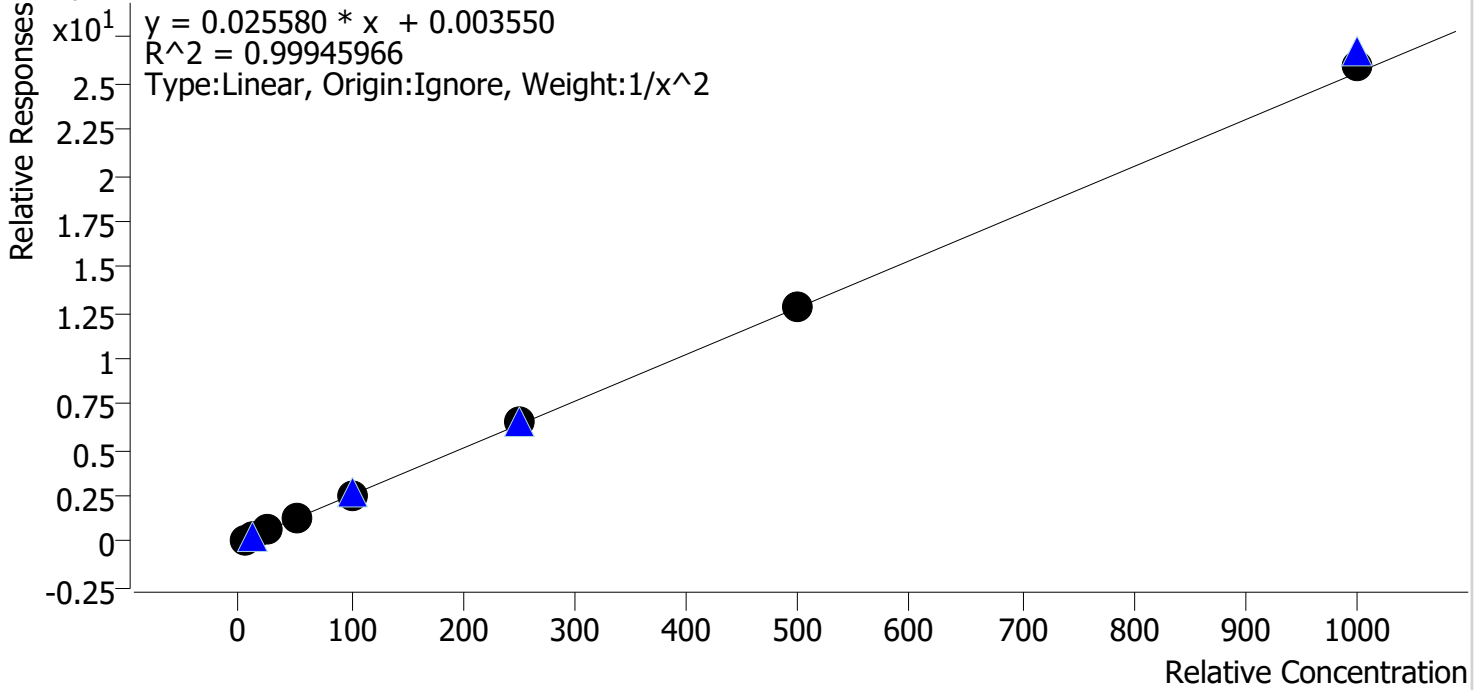


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	266.0	106.4
cal 7 mdq	7	✓	500.0	486.3	97.3
cal 8 mdq	8	✓	1000.0	960.3	96.0

Compound Calibration Report

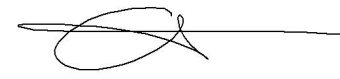
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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	100.5
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	505.1	101.0
cal 8 mdq	8	✓	1000.0	1014.0	101.4

Compound Calibration Report

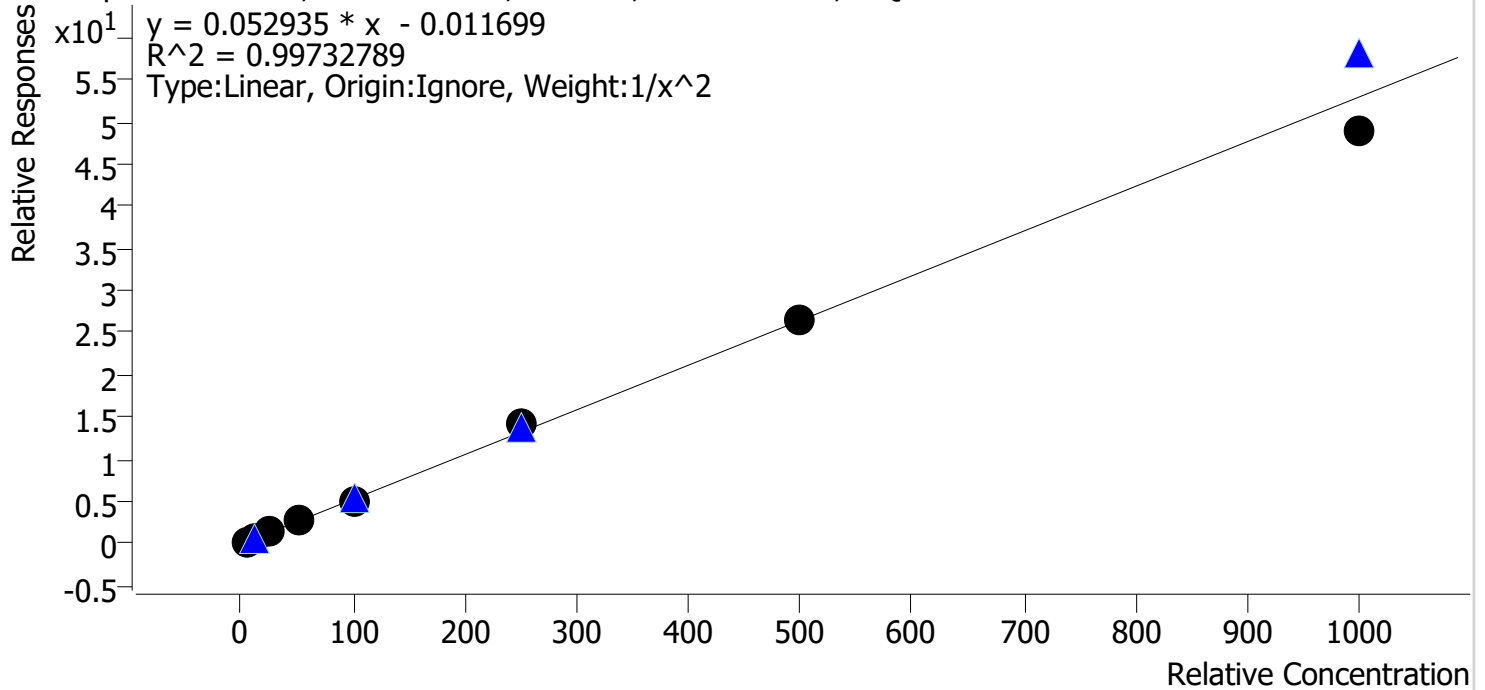


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Clonazepam

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	99.0
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	51.6	103.1
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	269.4	107.8
cal 7 mdq	7	✓	500.0	497.8	99.6
cal 8 mdq	8	✓	1000.0	923.5	92.4

Compound Calibration Report

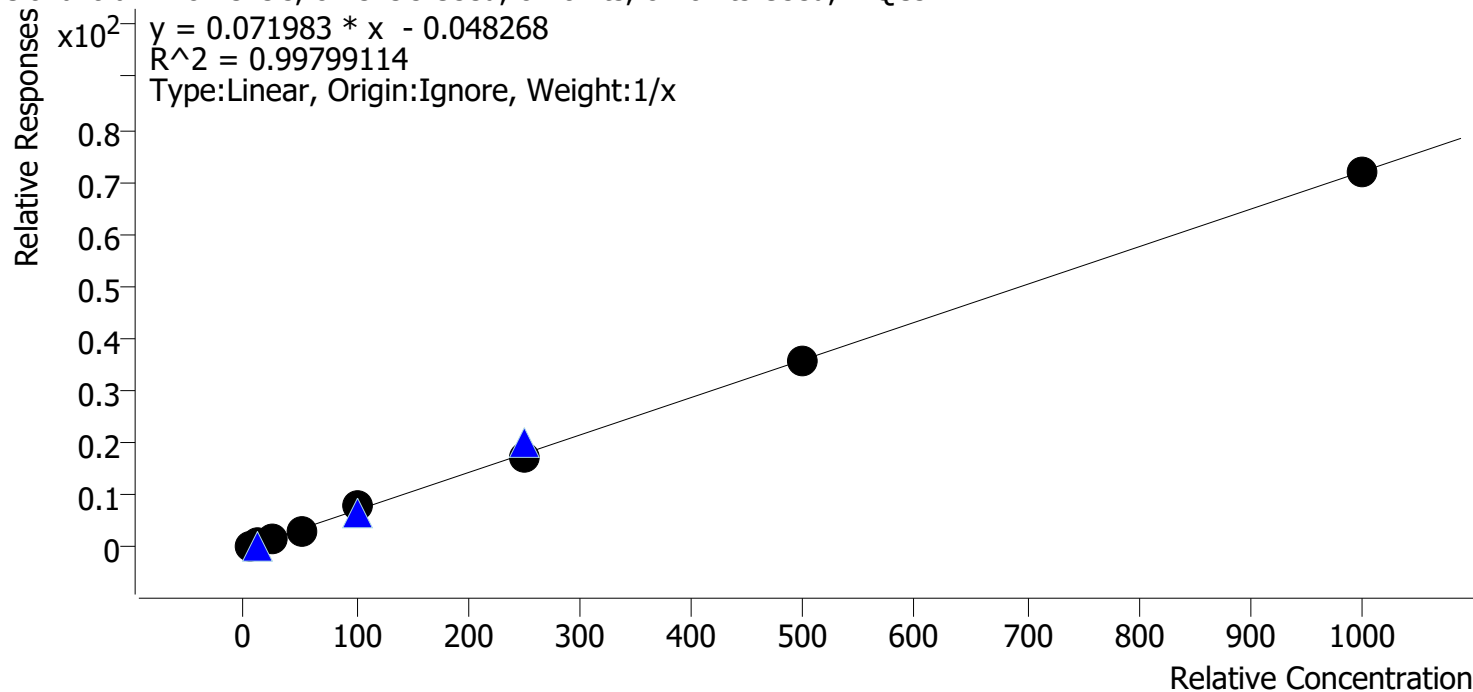


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard

Clonazepam-D4

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



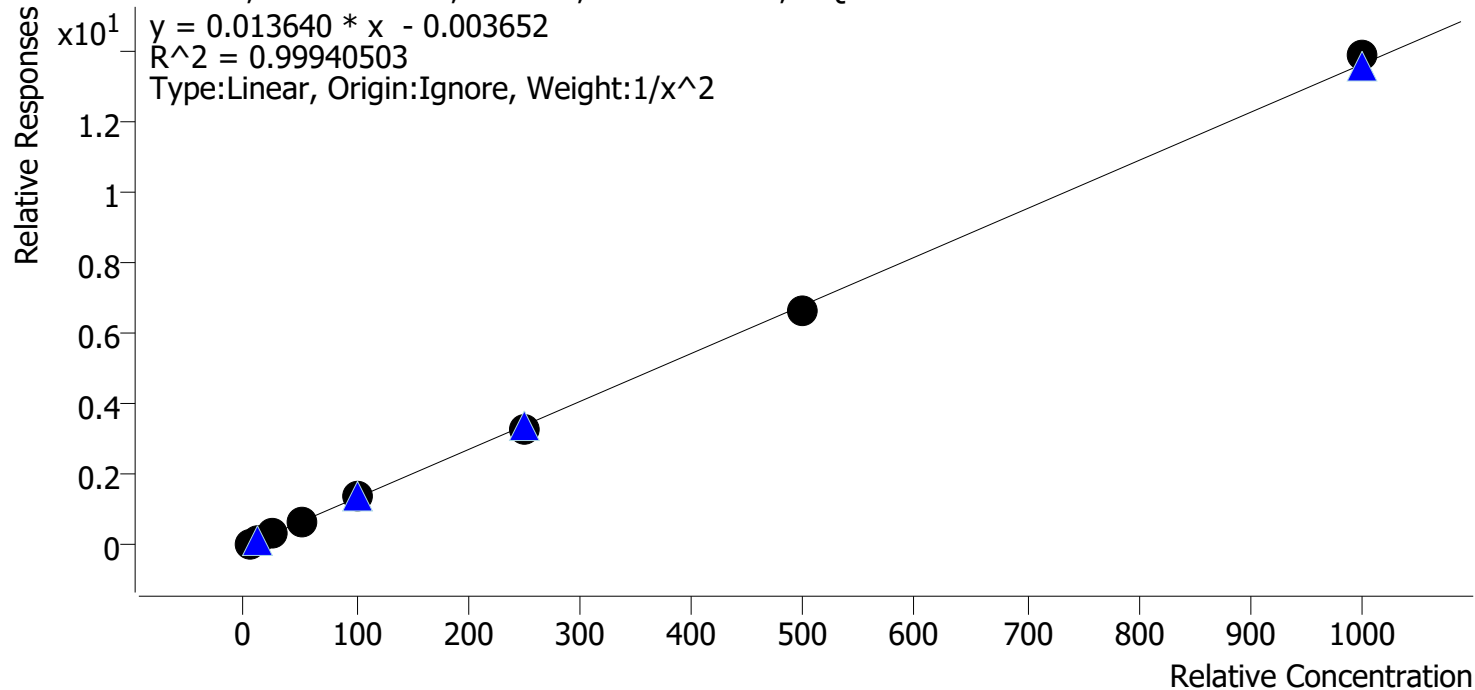
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.0	120.2
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	20.8	83.1
cal 4 mdq	4	✓	50.0	46.4	92.7
cal 5 mdq	5	✓	100.0	113.8	113.8
cal 6 mdq	6	✓	250.0	239.7	95.9
cal 7 mdq	7	✓	500.0	500.2	100.0
cal 8 mdq	8	✓	1000.0	1003.8	100.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



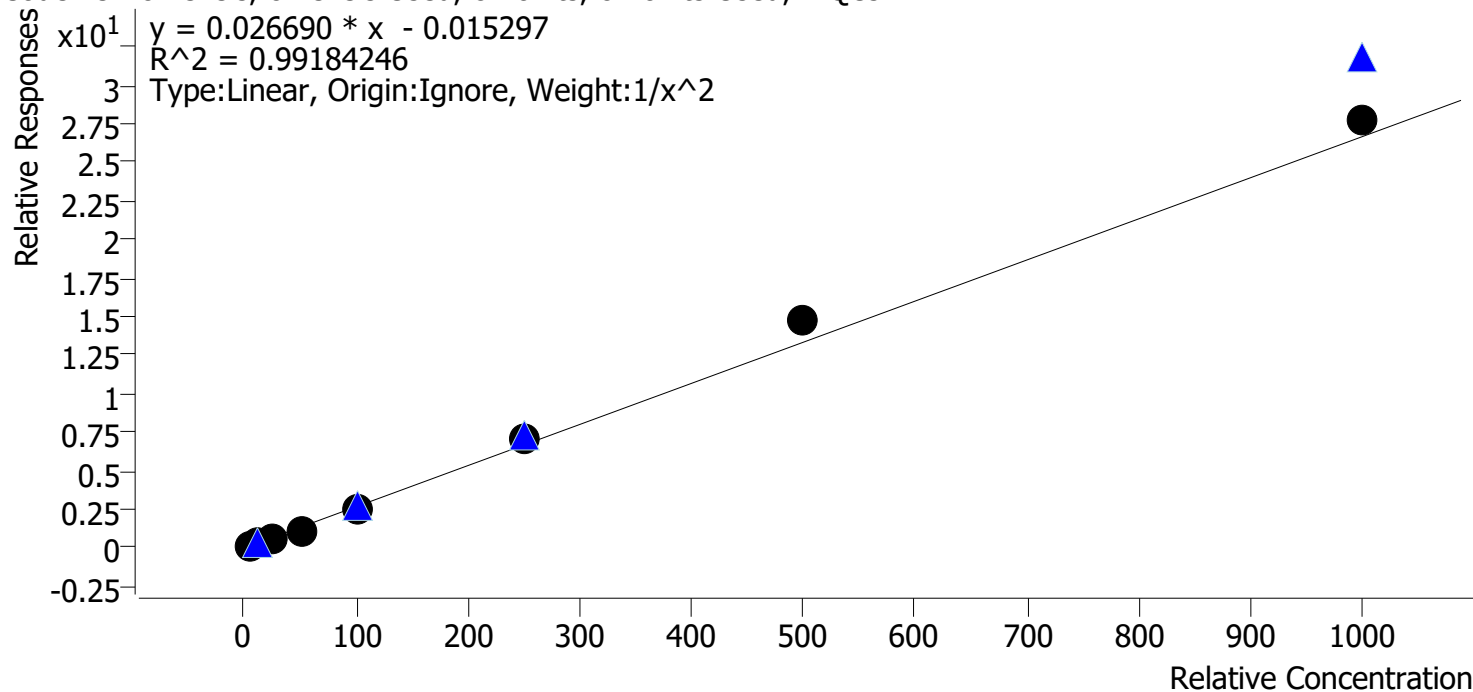
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	24.8	99.4
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	244.9	98.0
cal 7 mdq	7	✓	500.0	487.8	97.6
cal 8 mdq	8	✓	1000.0	1017.8	101.8

Compound Calibration Report



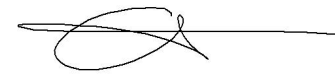
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



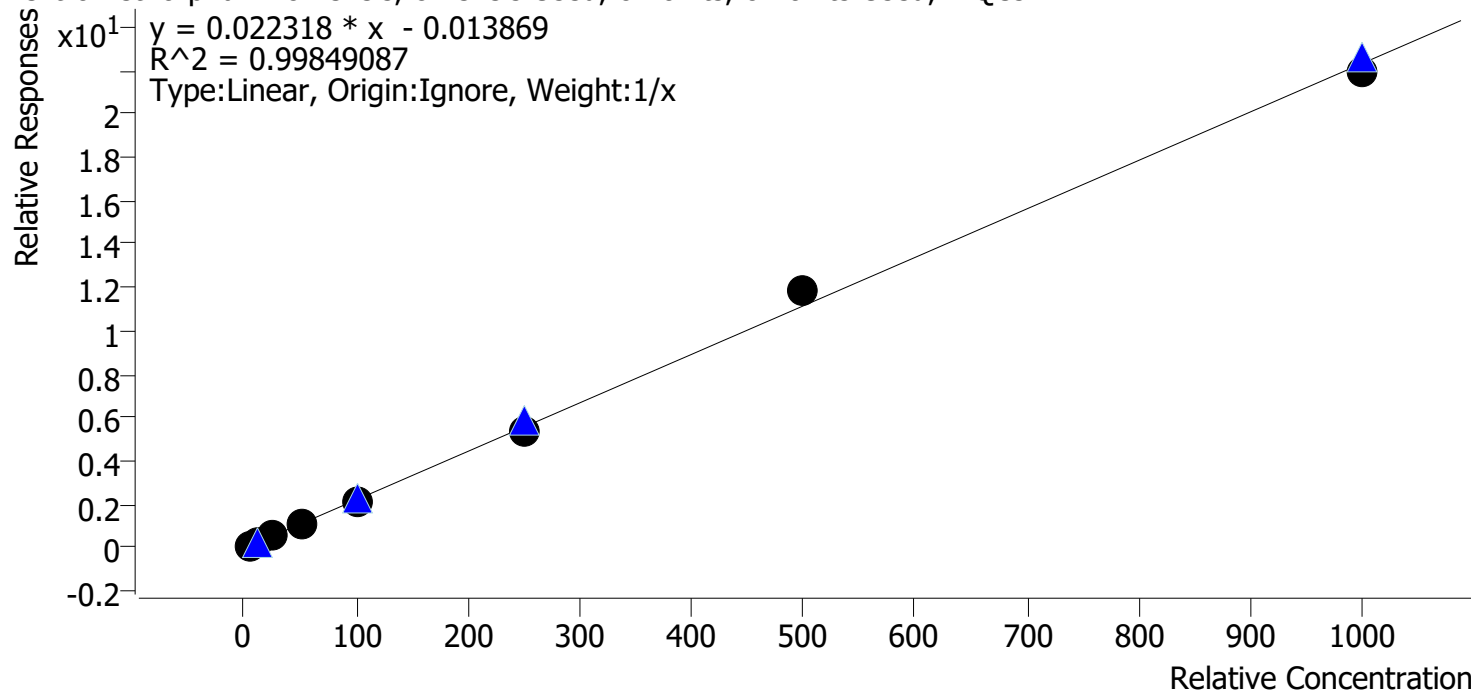
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	43.3	86.7
cal 5 mdq	5	✓	100.0	92.9	92.9
cal 6 mdq	6	✓	250.0	266.2	106.5
cal 7 mdq	7	✓	500.0	553.6	110.7
cal 8 mdq	8	✓	1000.0	1044.3	104.4

Compound Calibration Report



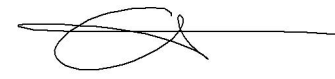
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



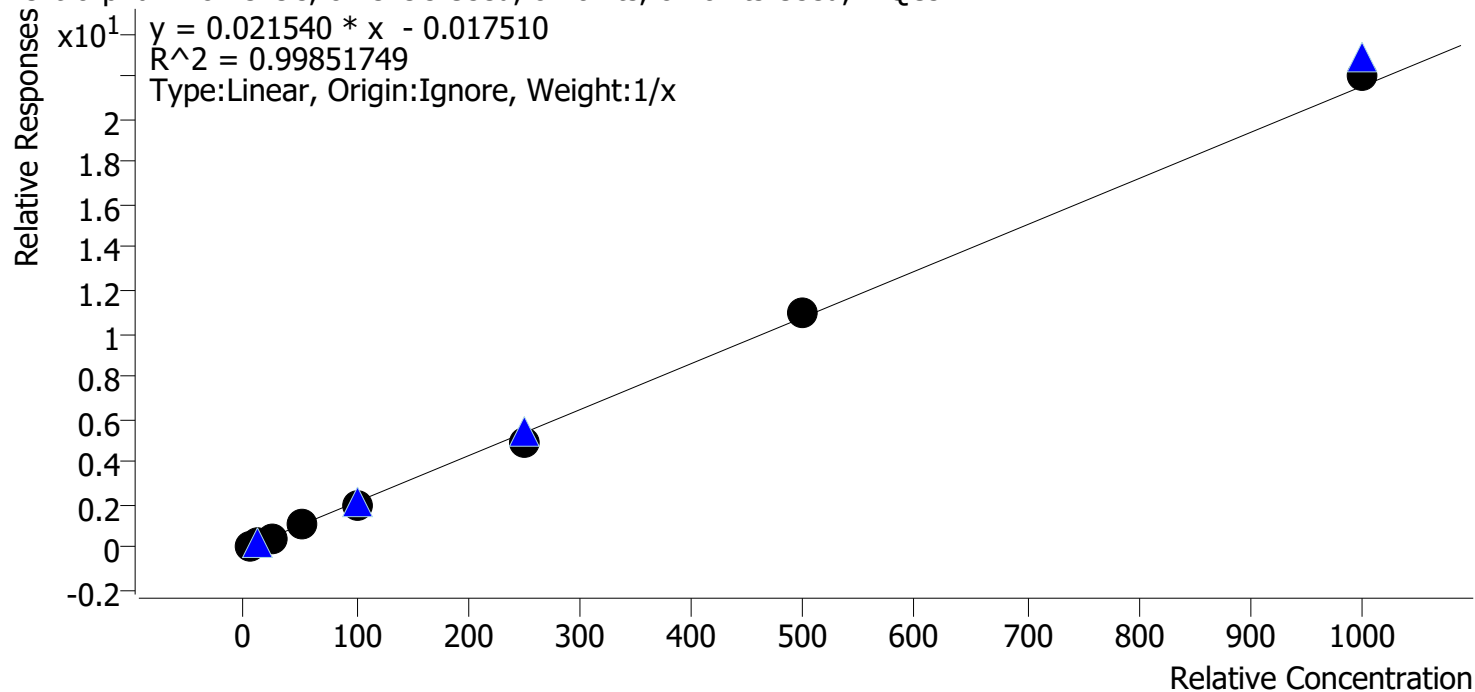
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.6
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	48.0	96.0
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	239.7	95.9
cal 7 mdq	7	✓	500.0	530.3	106.1
cal 8 mdq	8	✓	1000.0	984.2	98.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



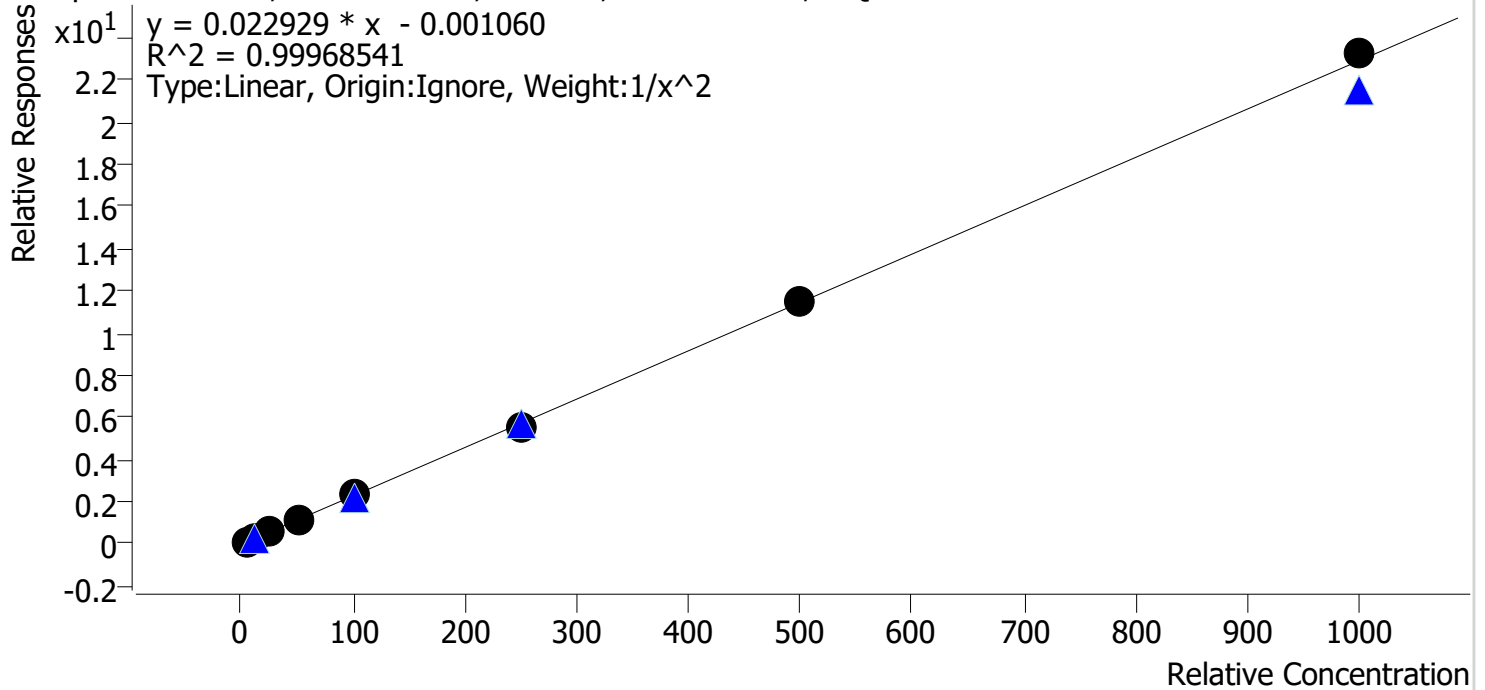
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.7	113.3
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	92.6	92.6
cal 6 mdq	6	✓	250.0	231.2	92.5
cal 7 mdq	7	✓	500.0	506.2	101.2
cal 8 mdq	8	✓	1000.0	1020.9	102.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



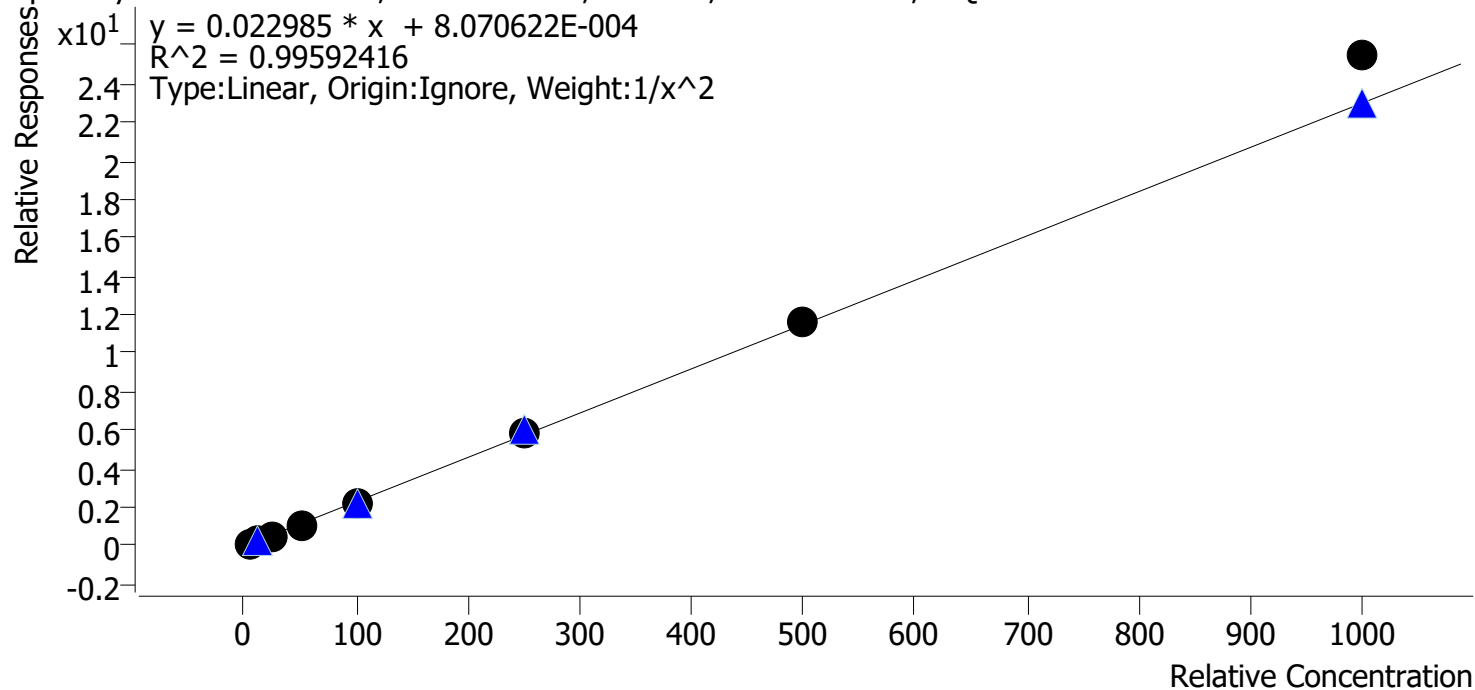
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	244.4	97.7
cal 7 mdq	7	✓	500.0	502.9	100.6
cal 8 mdq	8	✓	1000.0	1014.7	101.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

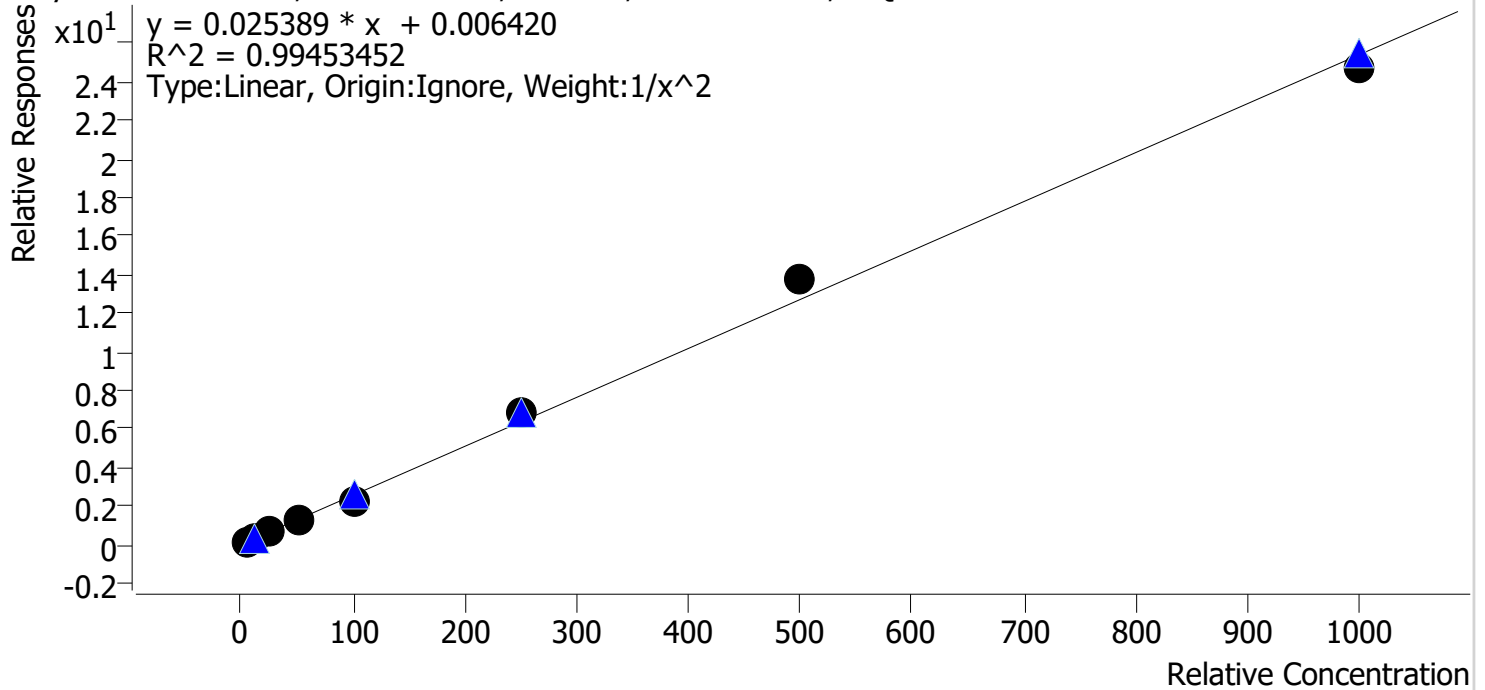


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	92.0	92.0
cal 6 mdq	6	✓	250.0	256.7	102.7
cal 7 mdq	7	✓	500.0	502.8	100.6
cal 8 mdq	8	✓	1000.0	1107.3	110.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



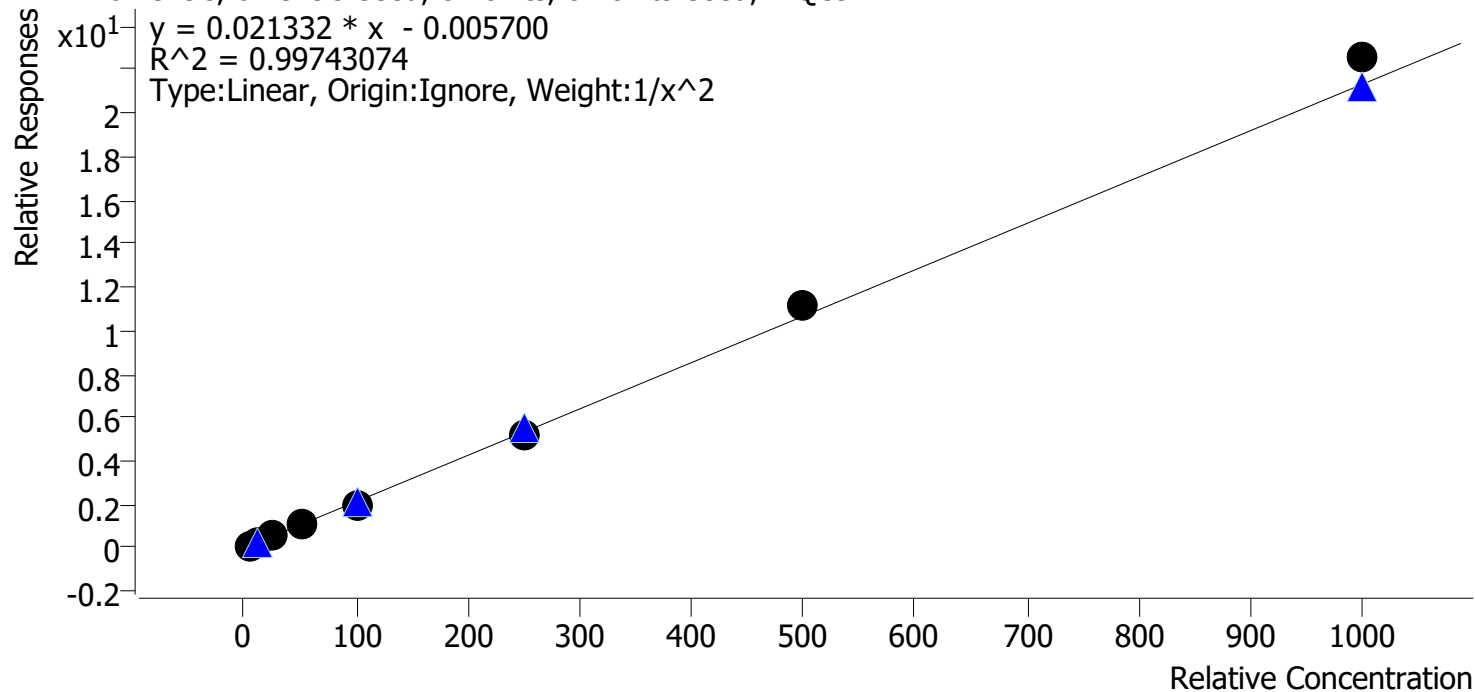
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	46.4	92.9
cal 5 mdq	5	✓	100.0	90.4	90.4
cal 6 mdq	6	✓	250.0	269.0	107.6
cal 7 mdq	7	✓	500.0	544.5	108.9
cal 8 mdq	8	✓	1000.0	974.0	97.4

Compound Calibration Report



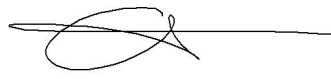
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



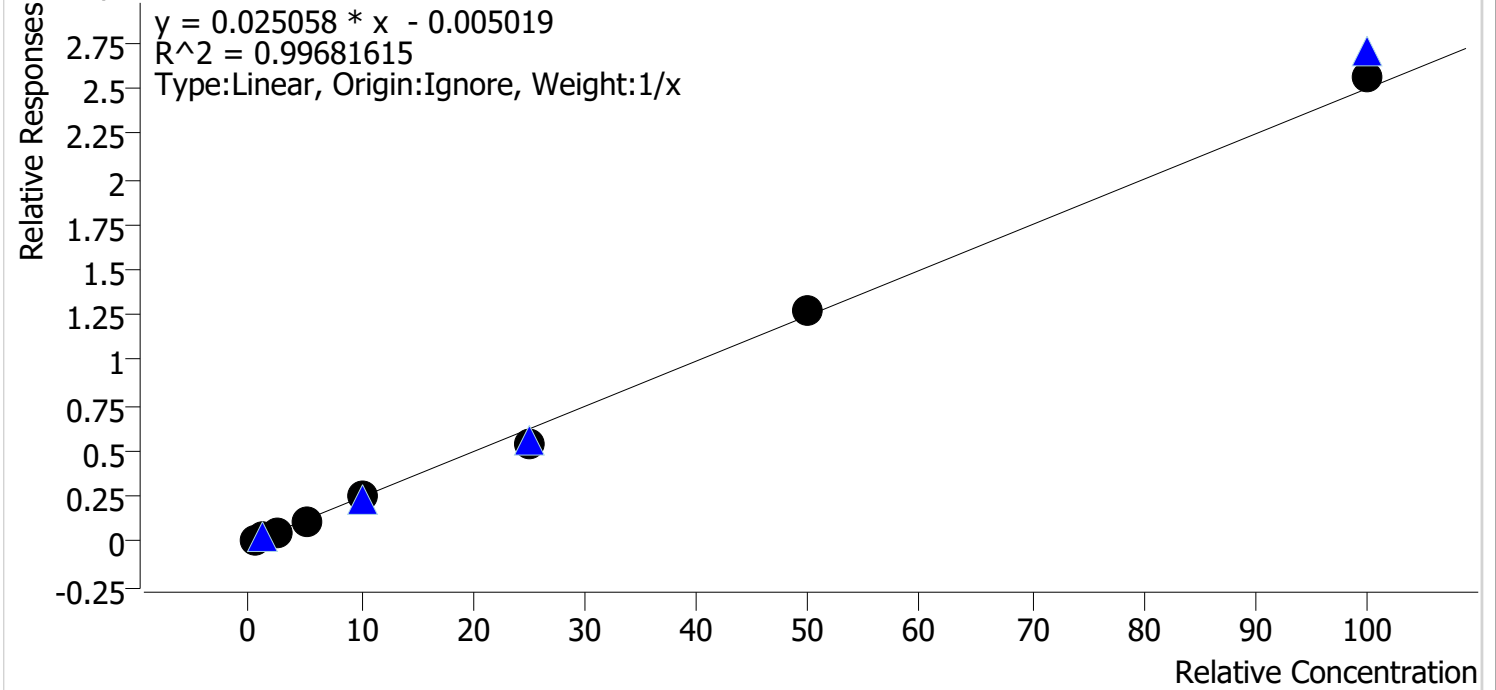
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	91.4	91.4
cal 6 mdq	6	✓	250.0	243.7	97.5
cal 7 mdq	7	✓	500.0	521.0	104.2
cal 8 mdq	8	✓	1000.0	1057.7	105.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



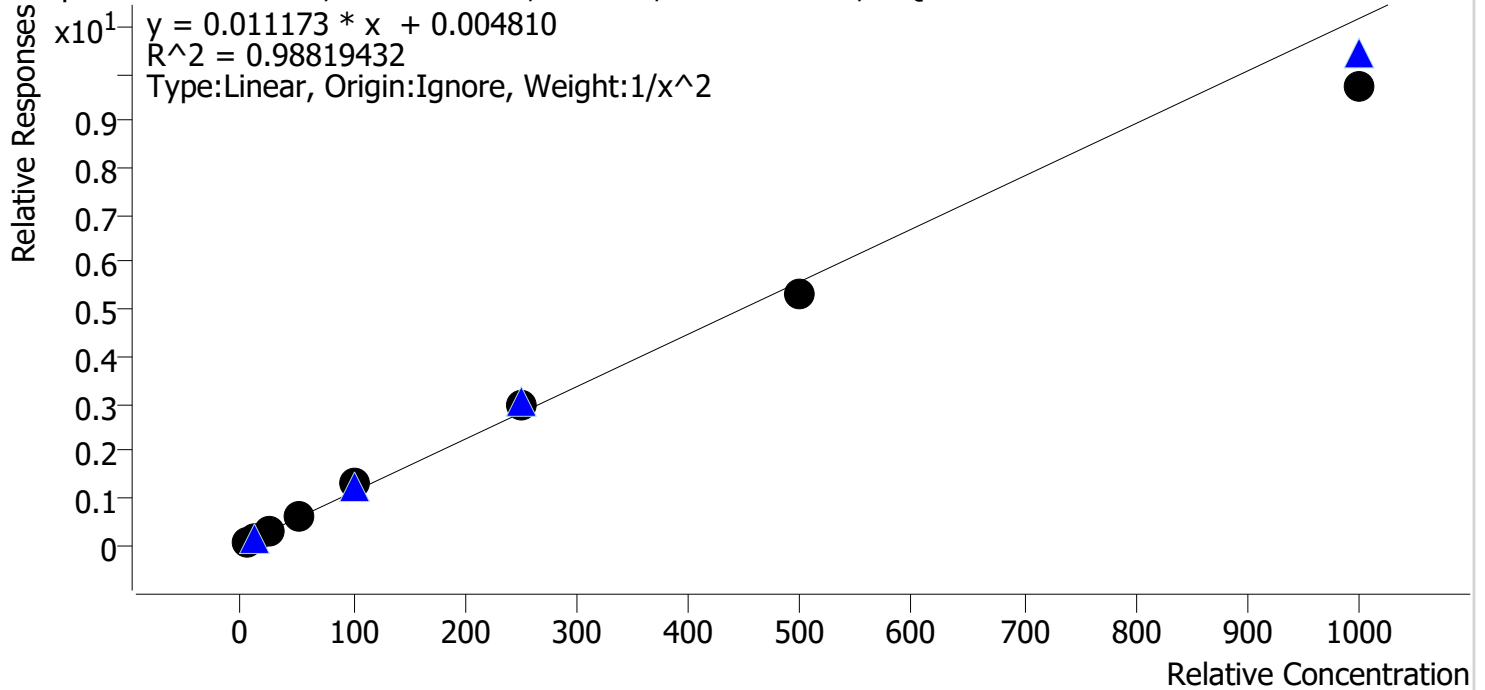
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	127.4
cal 2 mdq	2	✓	1.0	1.0	99.5
cal 3 mdq	3	✓	2.5	2.2	89.0
cal 4 mdq	4	✓	5.0	4.4	87.8
cal 5 mdq	5	✓	10.0	10.4	103.5
cal 6 mdq	6	✓	25.0	22.1	88.4
cal 7 mdq	7	✓	50.0	51.1	102.3
cal 8 mdq	8	✓	100.0	102.2	102.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



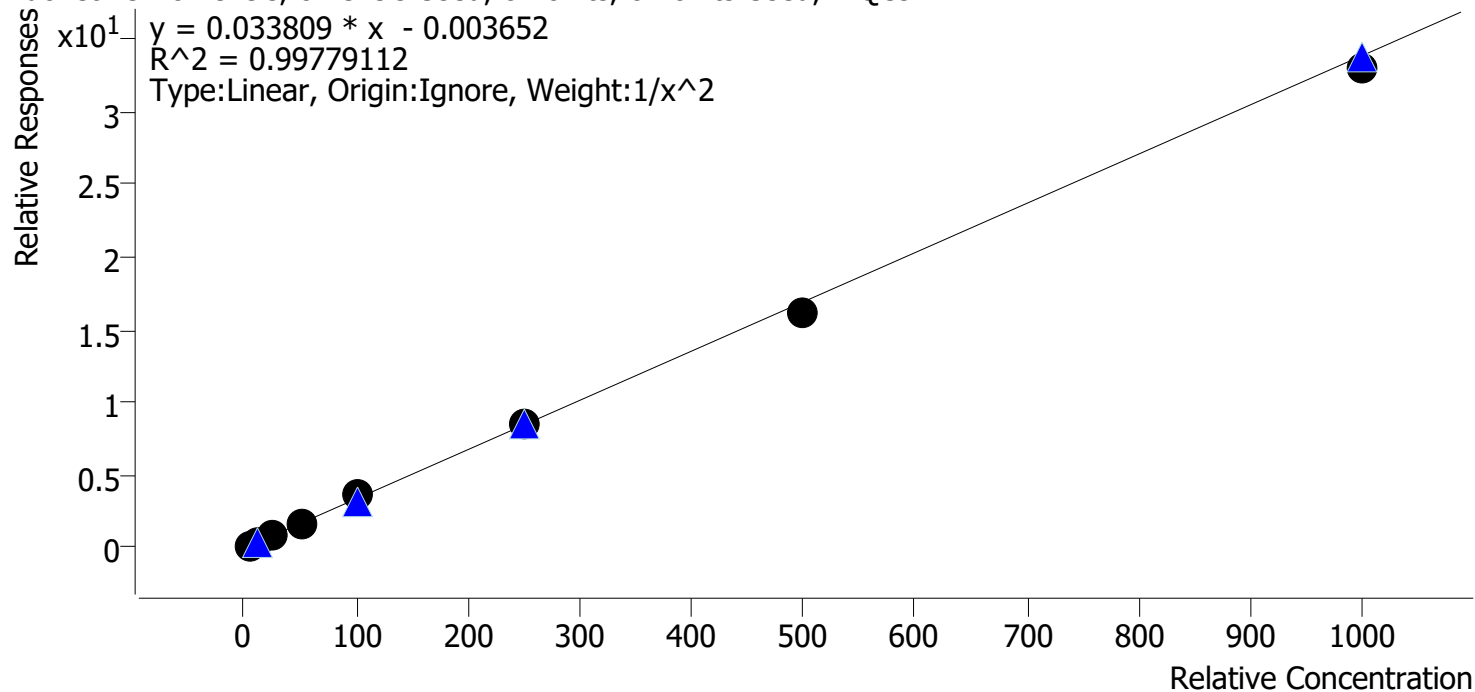
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.4
cal 2 mdq	2	✓	10.0	8.9	89.5
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	54.7	109.5
cal 5 mdq	5	✓	100.0	113.7	113.7
cal 6 mdq	6	✓	250.0	261.4	104.5
cal 7 mdq	7	✓	500.0	473.3	94.7
cal 8 mdq	8	✓	1000.0	873.2	87.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



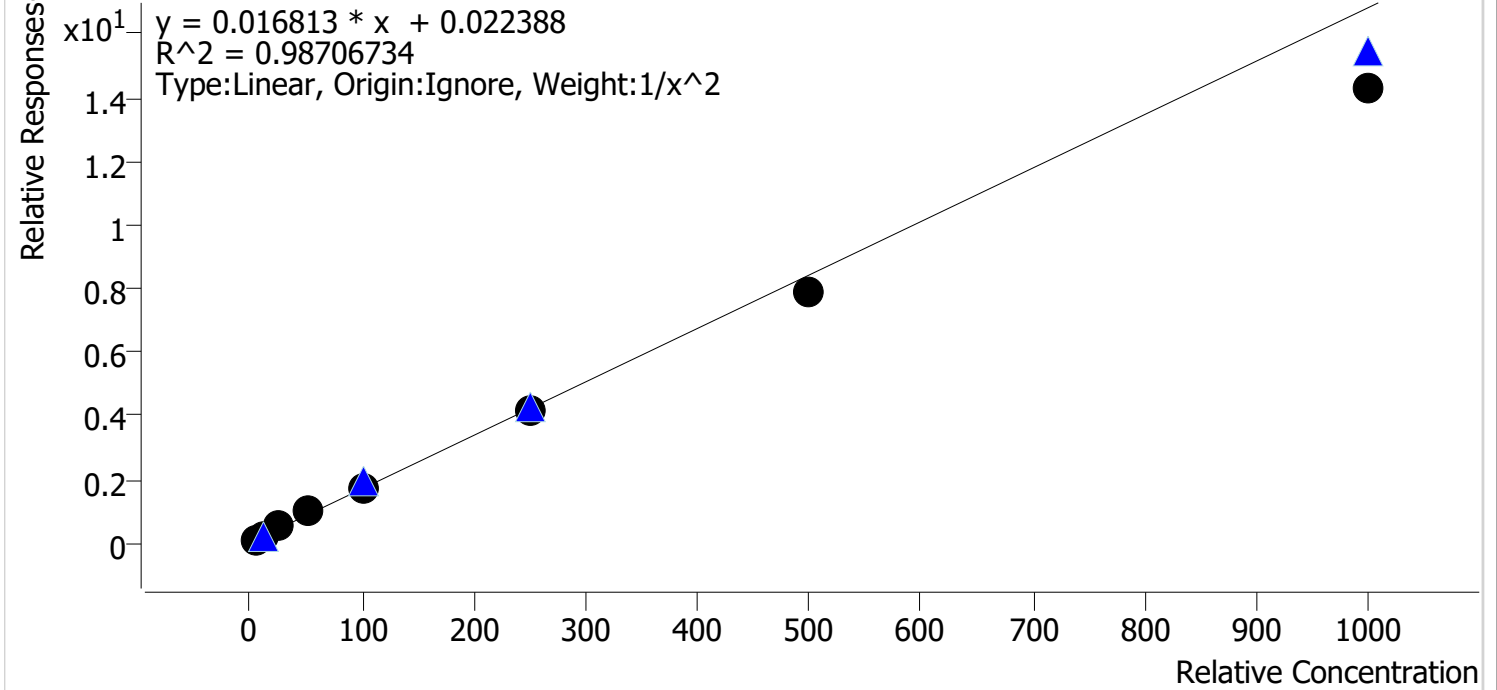
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.5	105.3
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	106.7	106.7
cal 6 mdq	6	✓	250.0	249.6	99.9
cal 7 mdq	7	✓	500.0	475.9	95.2
cal 8 mdq	8	✓	1000.0	975.6	97.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



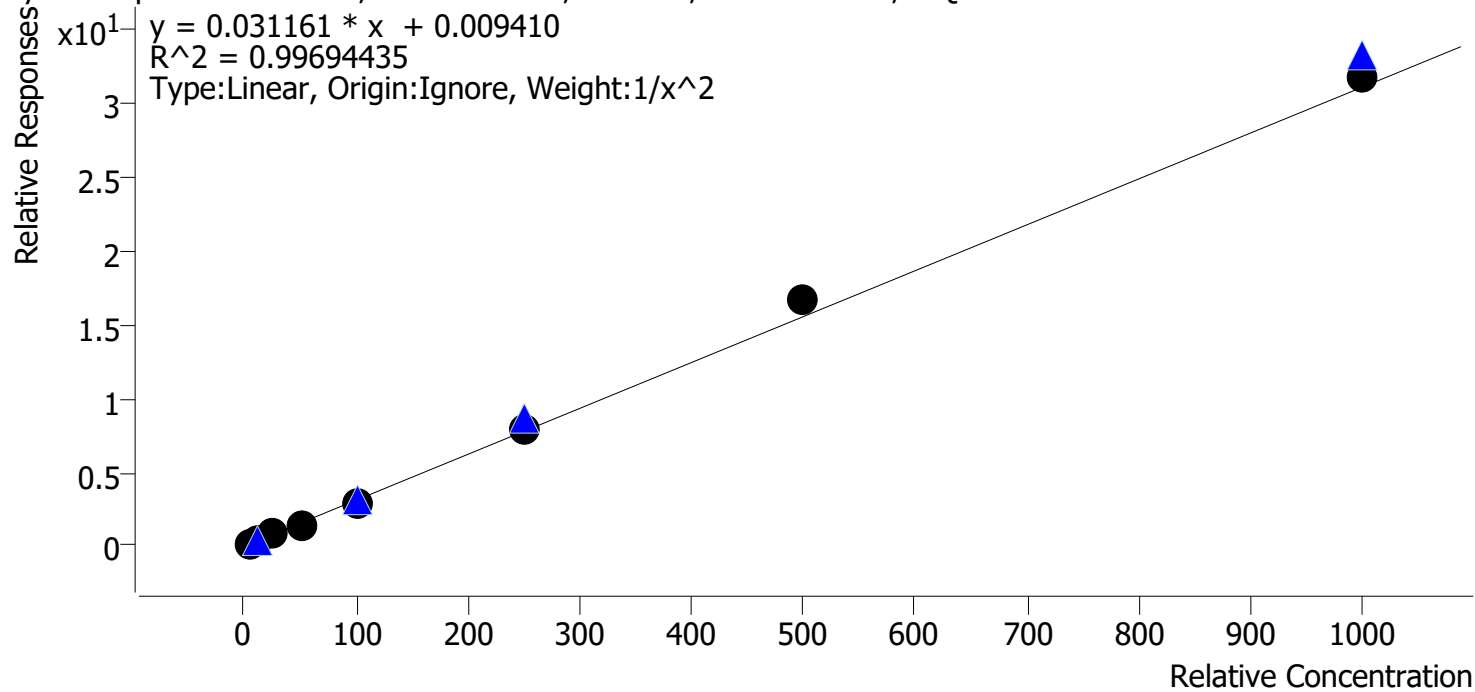
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.3
cal 2 mdq	2	✓	10.0	10.6	105.9
cal 3 mdq	3	✓	25.0	28.6	114.5
cal 4 mdq	4	✓	50.0	55.7	111.5
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	246.6	98.6
cal 7 mdq	7	✓	500.0	466.9	93.4
cal 8 mdq	8	✓	1000.0	852.2	85.2

Compound Calibration Report



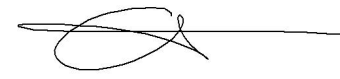
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



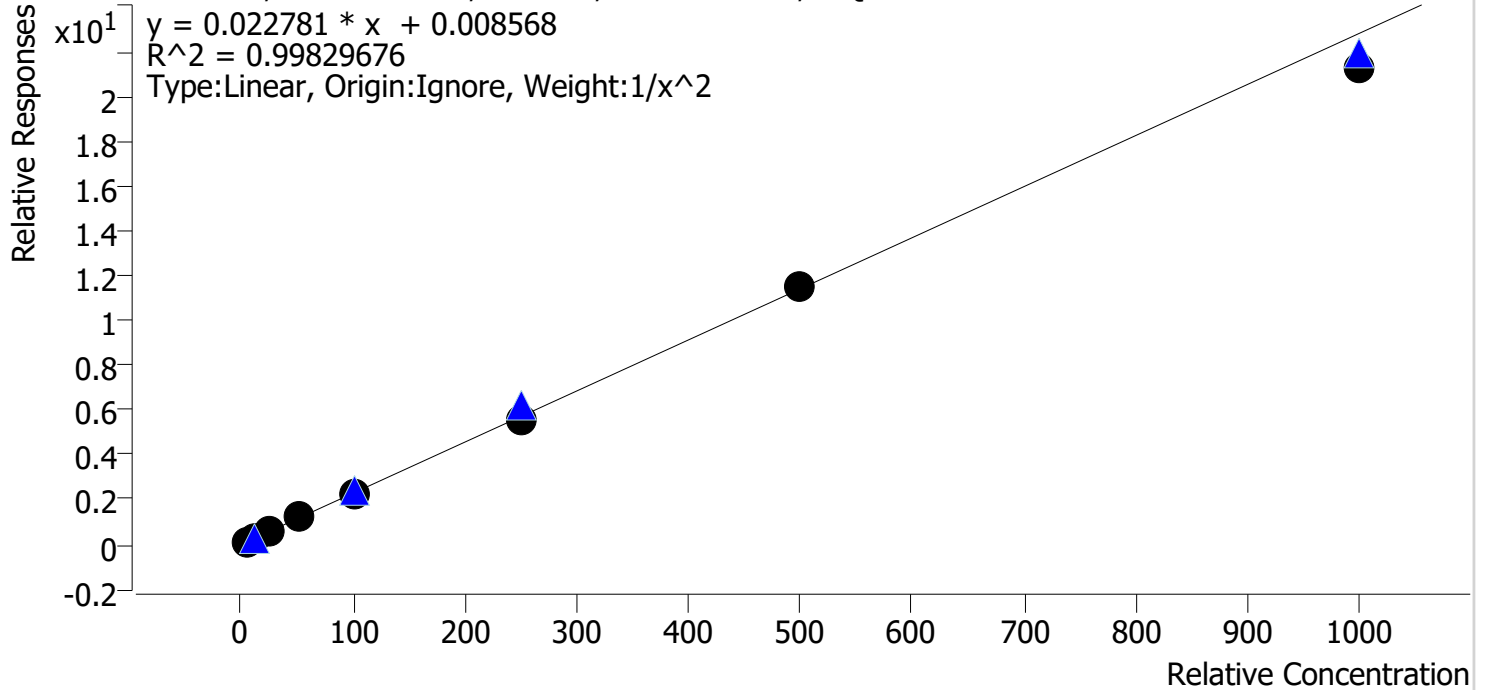
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	46.6	93.1
cal 5 mdq	5	✓	100.0	94.3	94.3
cal 6 mdq	6	✓	250.0	256.9	102.8
cal 7 mdq	7	✓	500.0	540.7	108.1
cal 8 mdq	8	✓	1000.0	1018.0	101.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



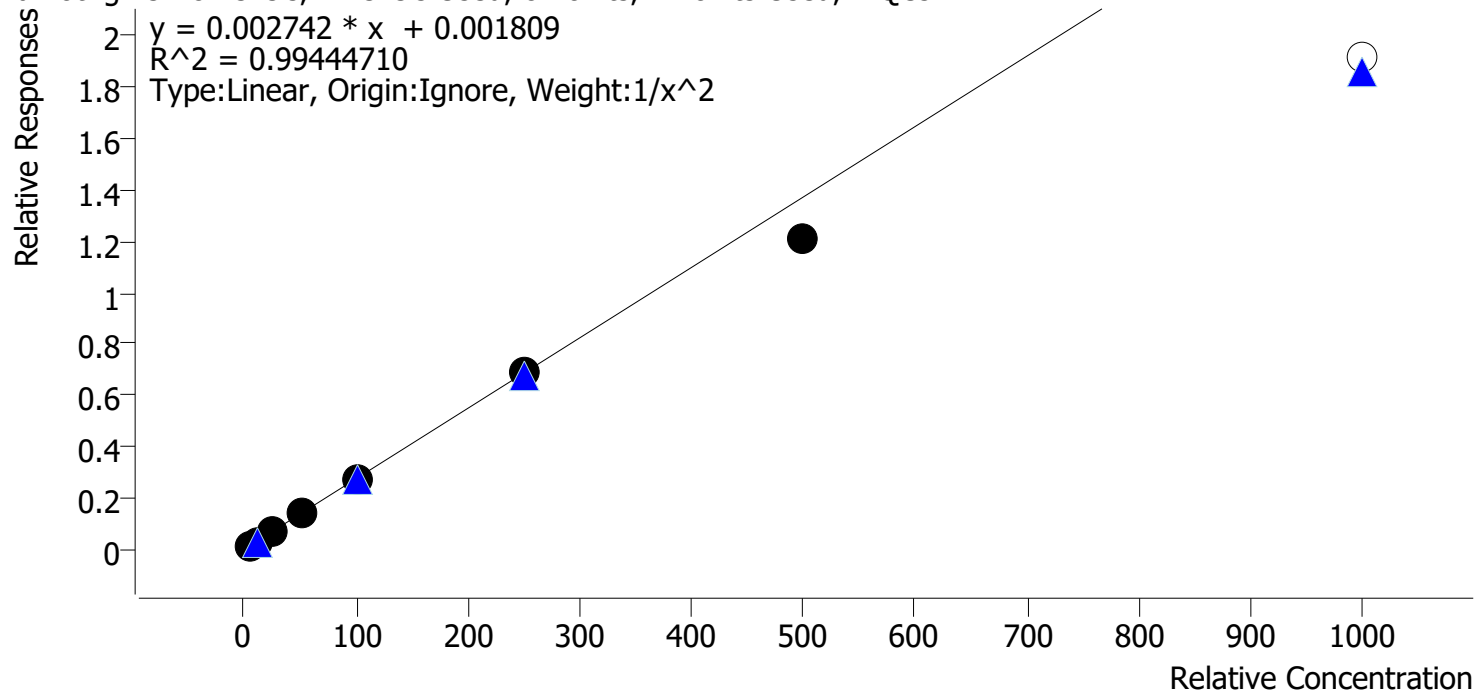
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	26.1	104.6
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	246.6	98.6
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	932.4	93.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\lam 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

Lamotrigine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

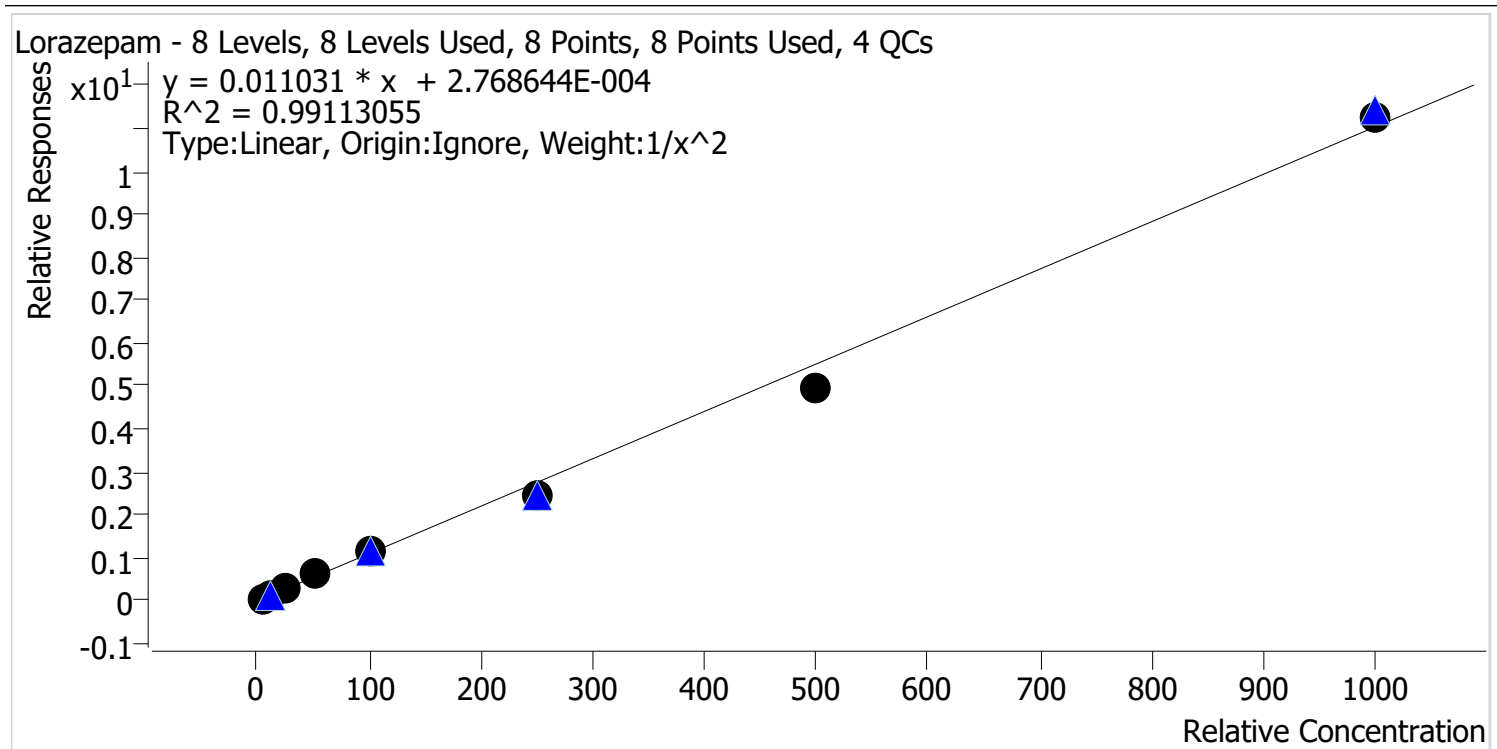


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.1
cal 2 mdq	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	26.6	106.4
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	438.9	87.8
cal 8 mdq	8	x	1000.0	698.0	69.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



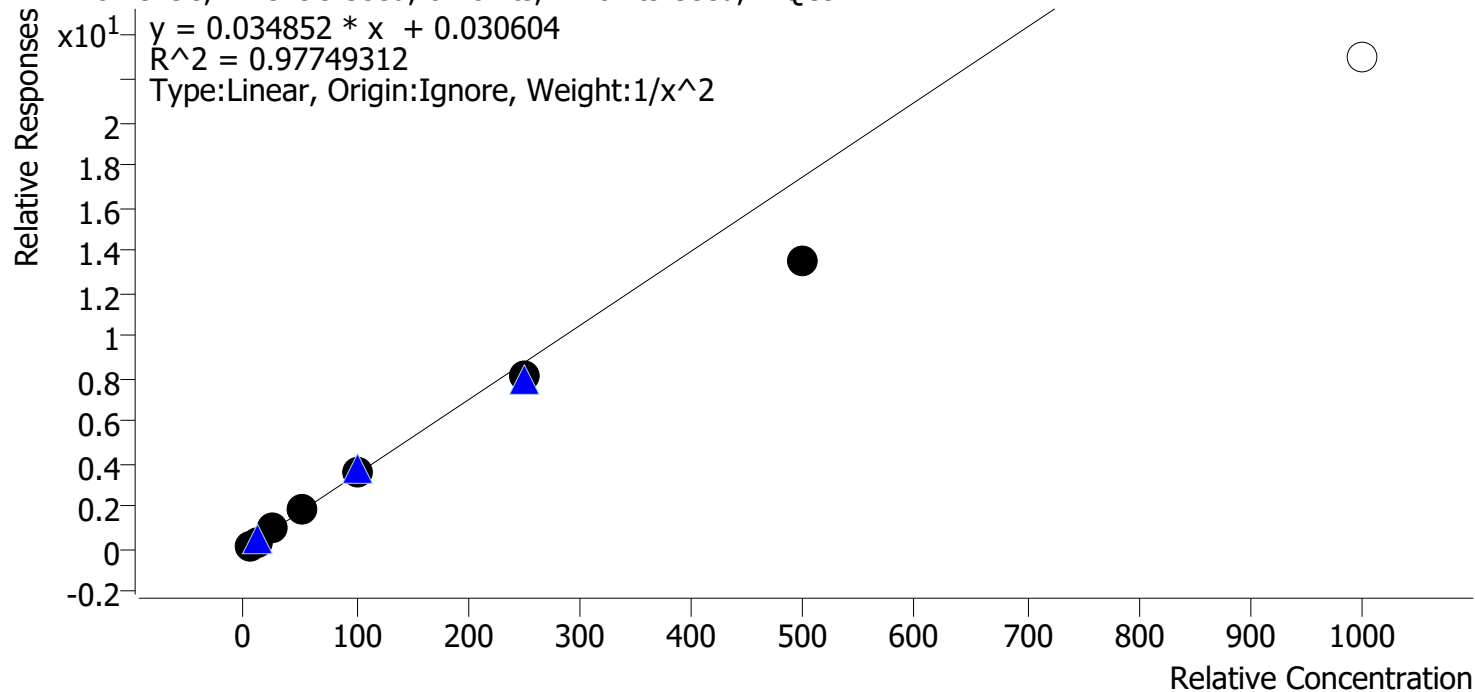
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdq	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	56.3	112.6
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	219.1	87.6
cal 7 mdq	7	✓	500.0	453.1	90.6
cal 8 mdq	8	✓	1000.0	1017.5	101.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



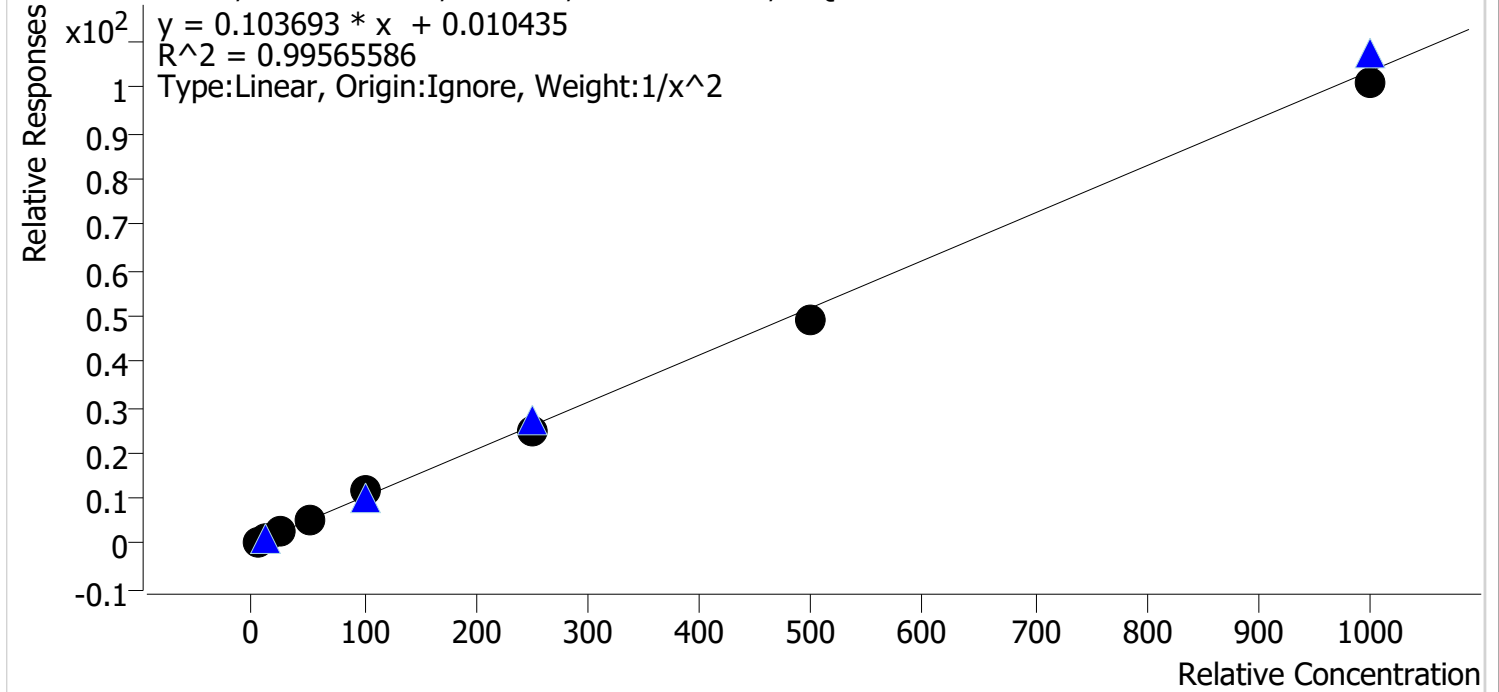
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.6
cal 2 mdq	2	✓	10.0	10.8	107.7
cal 3 mdq	3	✓	25.0	28.0	112.2
cal 4 mdq	4	✓	50.0	55.7	111.4
cal 5 mdq	5	✓	100.0	105.6	105.6
cal 6 mdq	6	✓	250.0	232.9	93.2
cal 7 mdq	7	✓	500.0	386.4	77.3
cal 8 mdq	8	✗	1000.0	659.5	66.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



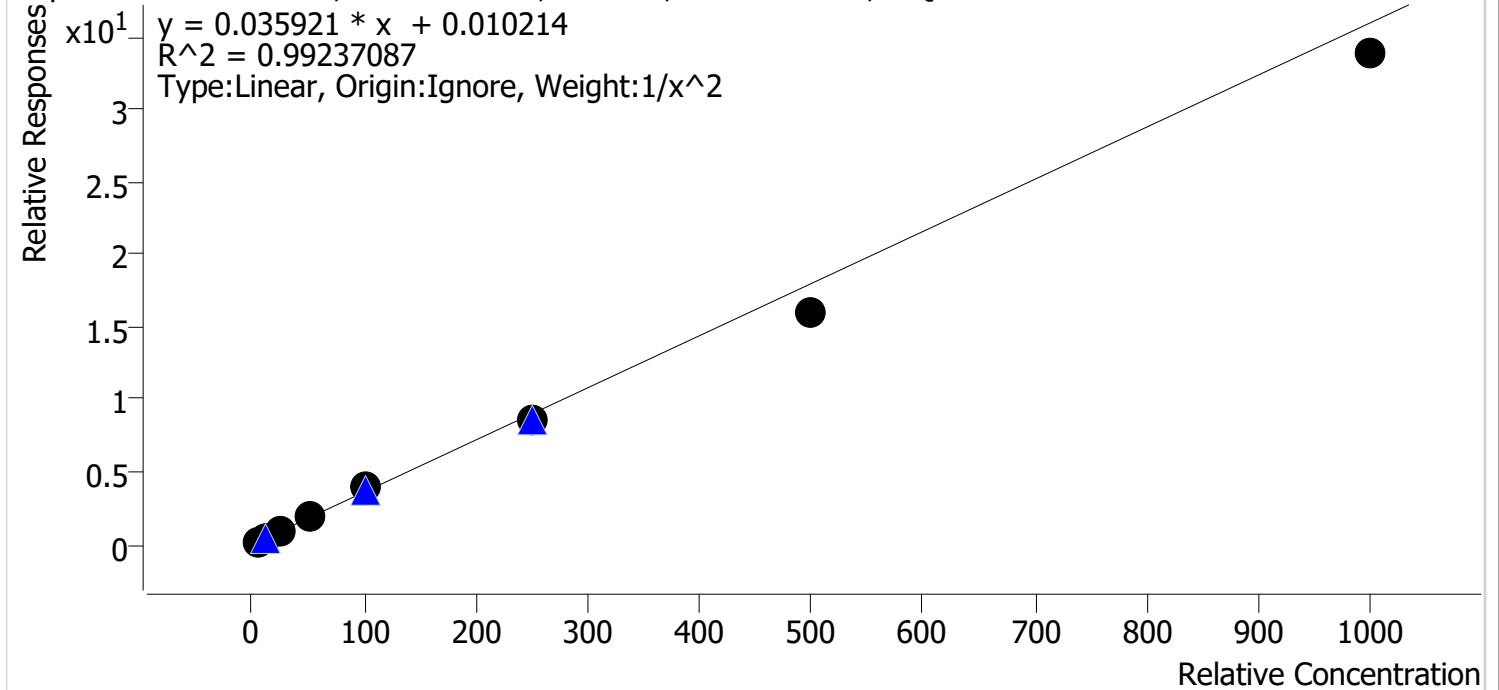
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	113.0	113.0
cal 6 mdq	6	✓	250.0	242.6	97.0
cal 7 mdq	7	✓	500.0	472.0	94.4
cal 8 mdq	8	✓	1000.0	972.2	97.2

Compound Calibration Report



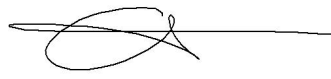
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



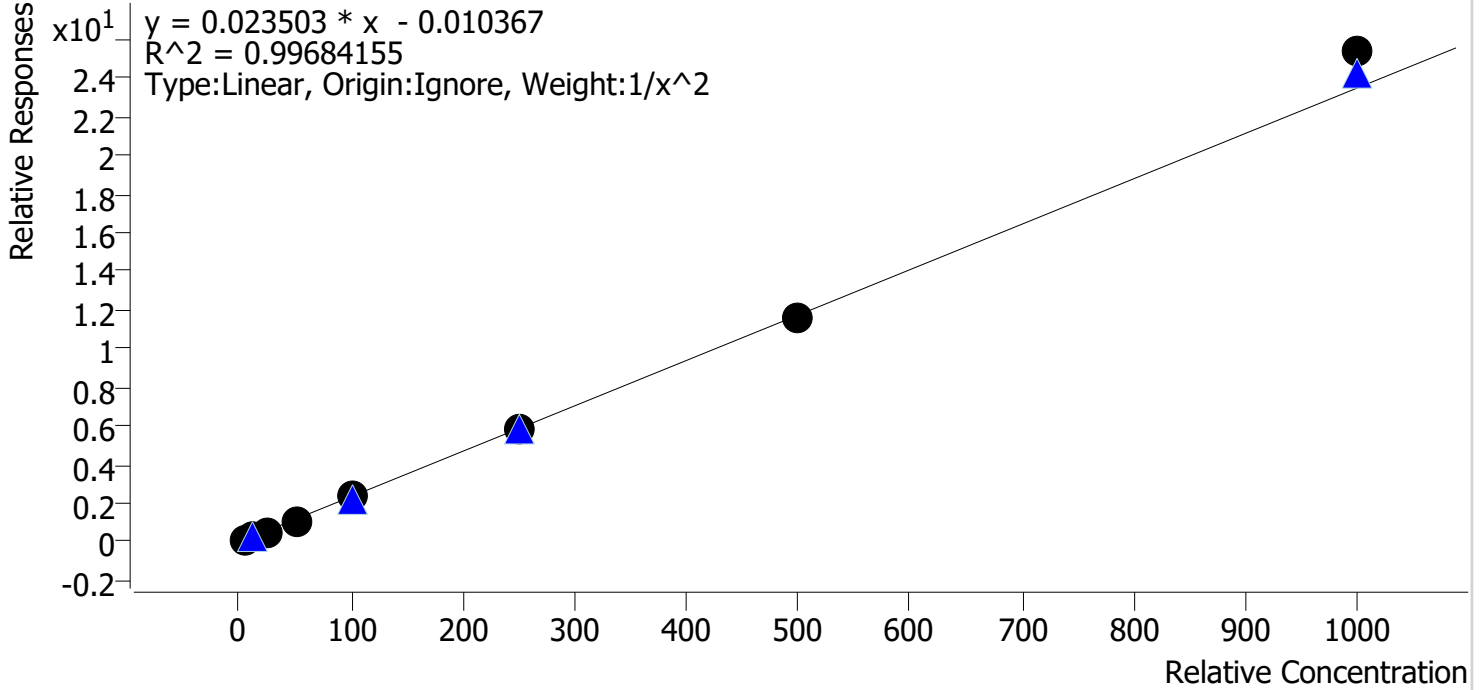
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	54.3	108.6
cal 5 mdq	5	✓	100.0	109.0	109.0
cal 6 mdq	6	✓	250.0	236.5	94.6
cal 7 mdq	7	✓	500.0	444.2	88.8
cal 8 mdq	8	✓	1000.0	941.1	94.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



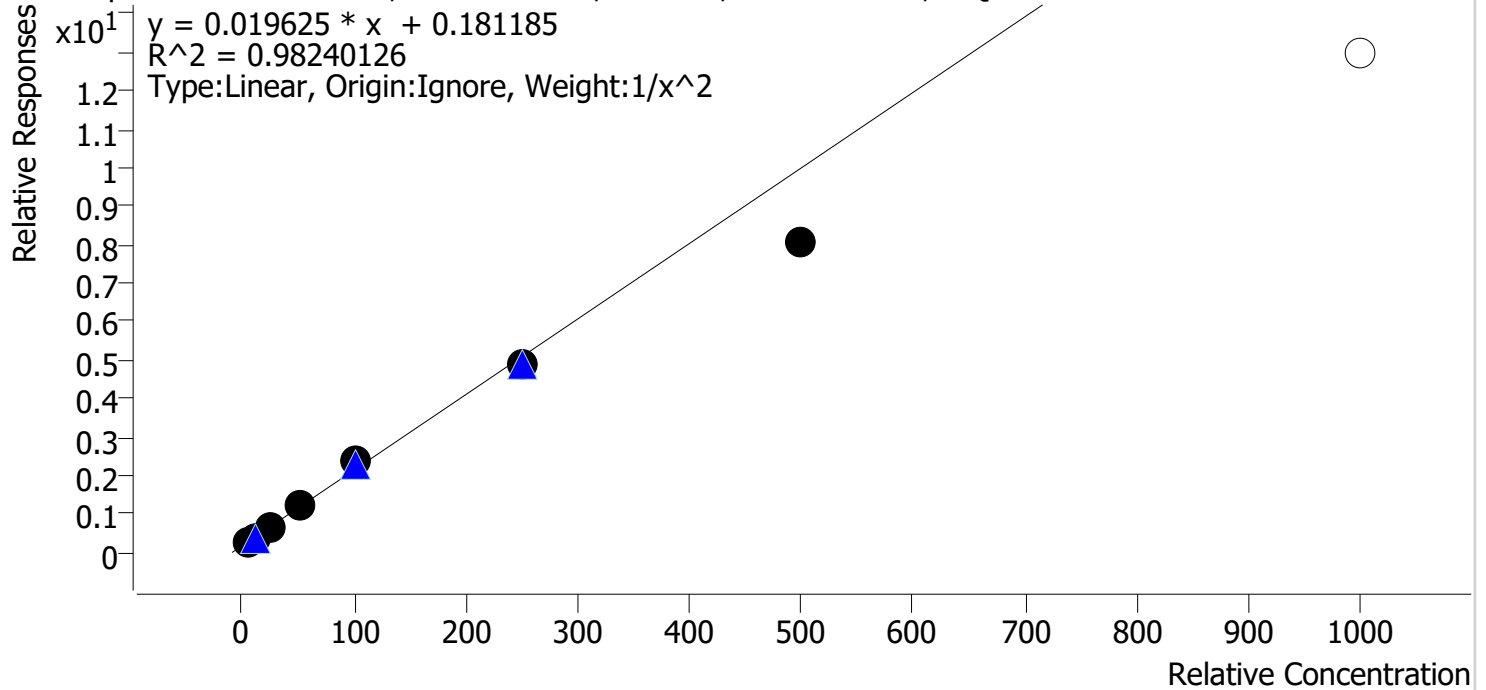
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	46.2	92.5
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	496.7	99.3
cal 8 mdq	8	✓	1000.0	1080.2	108.0

Compound Calibration Report



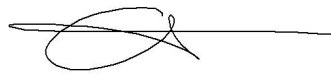
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** **Methamphetamine-D11**

Methamphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.3	93.2
cal 3 mdq	3	✓	25.0	25.9	103.7
cal 4 mdq	4	✓	50.0	55.2	110.5
cal 5 mdq	5	✓	100.0	114.3	114.3
cal 6 mdq	6	✓	250.0	241.9	96.8
cal 7 mdq	7	✓	500.0	402.3	80.5
cal 8 mdq	8	✗	1000.0	651.4	65.1

Compound Calibration Report

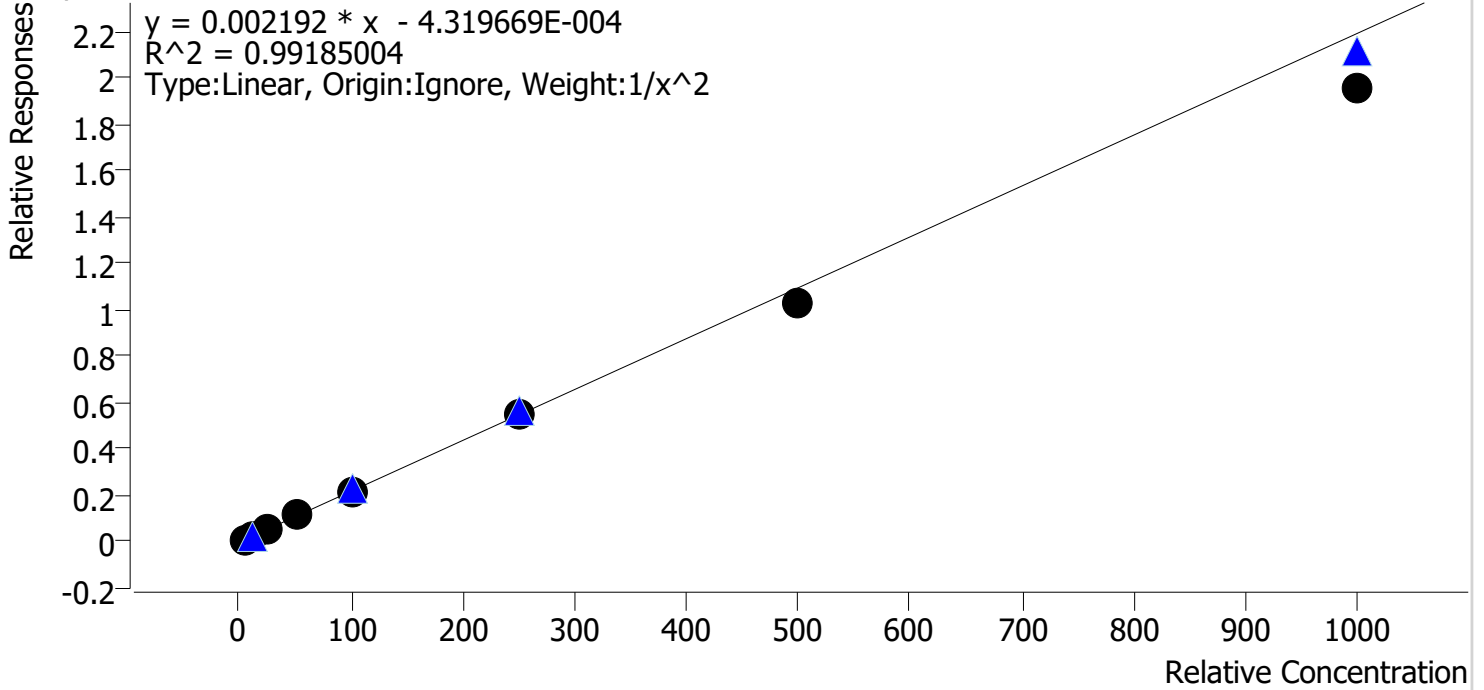


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Metoprolol

Internal Standard

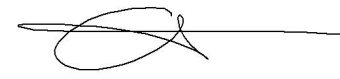
Pseudoephedrine-D3

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	4.6	92.5
cal 2 mdq	2	✓	10.0	11.1	110.8
cal 3 mdq	3	✓	25.0	27.5	109.8
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	254.8	101.9
cal 7 mdq	7	✓	500.0	467.8	93.6
cal 8 mdq	8	✓	1000.0	892.6	89.3

Compound Calibration Report

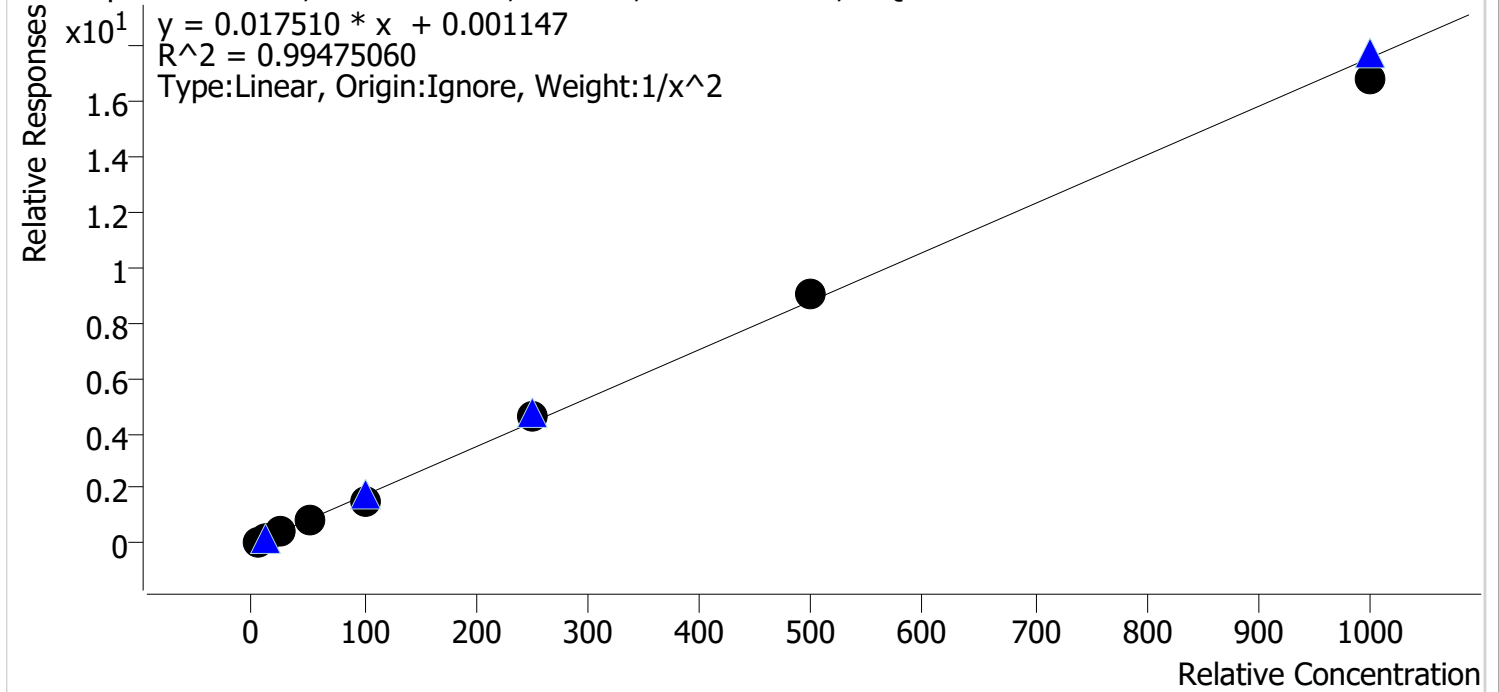


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Mirtazapine

Internal Standard

Pseudoephedrine-D3

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	4.8	96.4
cal 2 mdq	2	✓	10.0	10.6	106.4
cal 3 mdq	3	✓	25.0	26.2	104.8
cal 4 mdq	4	✓	50.0	49.3	98.7
cal 5 mdq	5	✓	100.0	88.6	88.6
cal 6 mdq	6	✓	250.0	265.6	106.2
cal 7 mdq	7	✓	500.0	516.8	103.4
cal 8 mdq	8	✓	1000.0	955.3	95.5

Compound Calibration Report

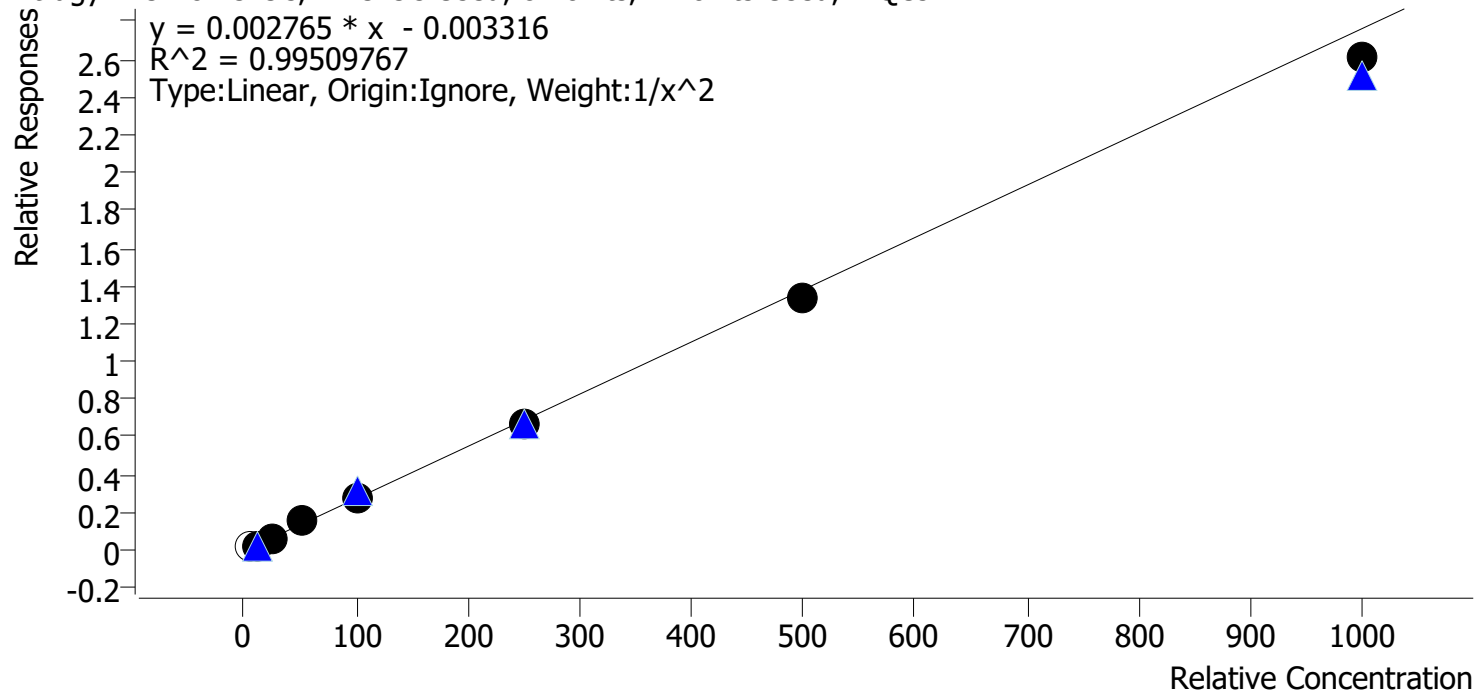


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Mitragynine

Internal Standard

Pseudoephedrine-D3

Mitragynine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

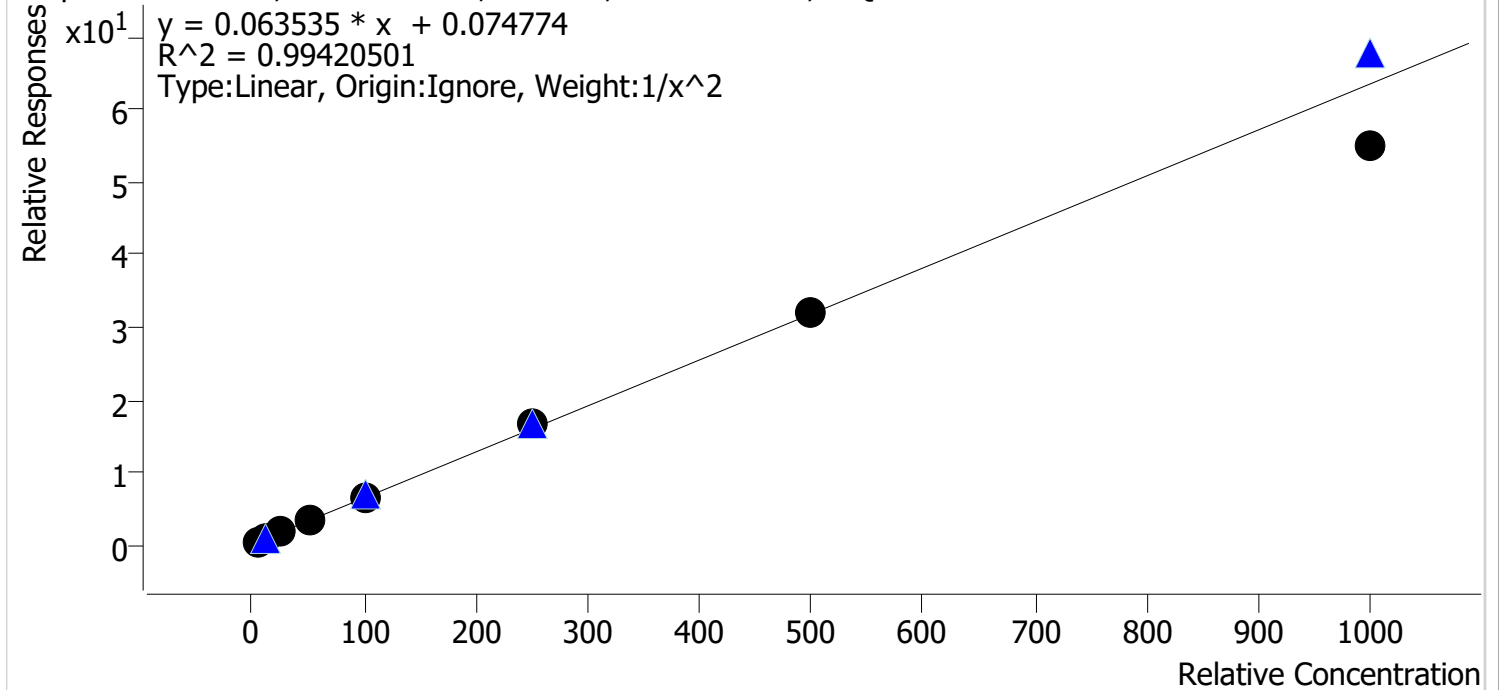


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	10.2	204.5
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	56.5	113.0
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	245.7	98.3
cal 7 mdq	7	✓	500.0	485.4	97.1
cal 8 mdq	8	✓	1000.0	944.4	94.4

Compound Calibration Report

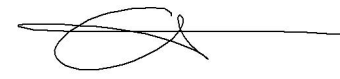
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



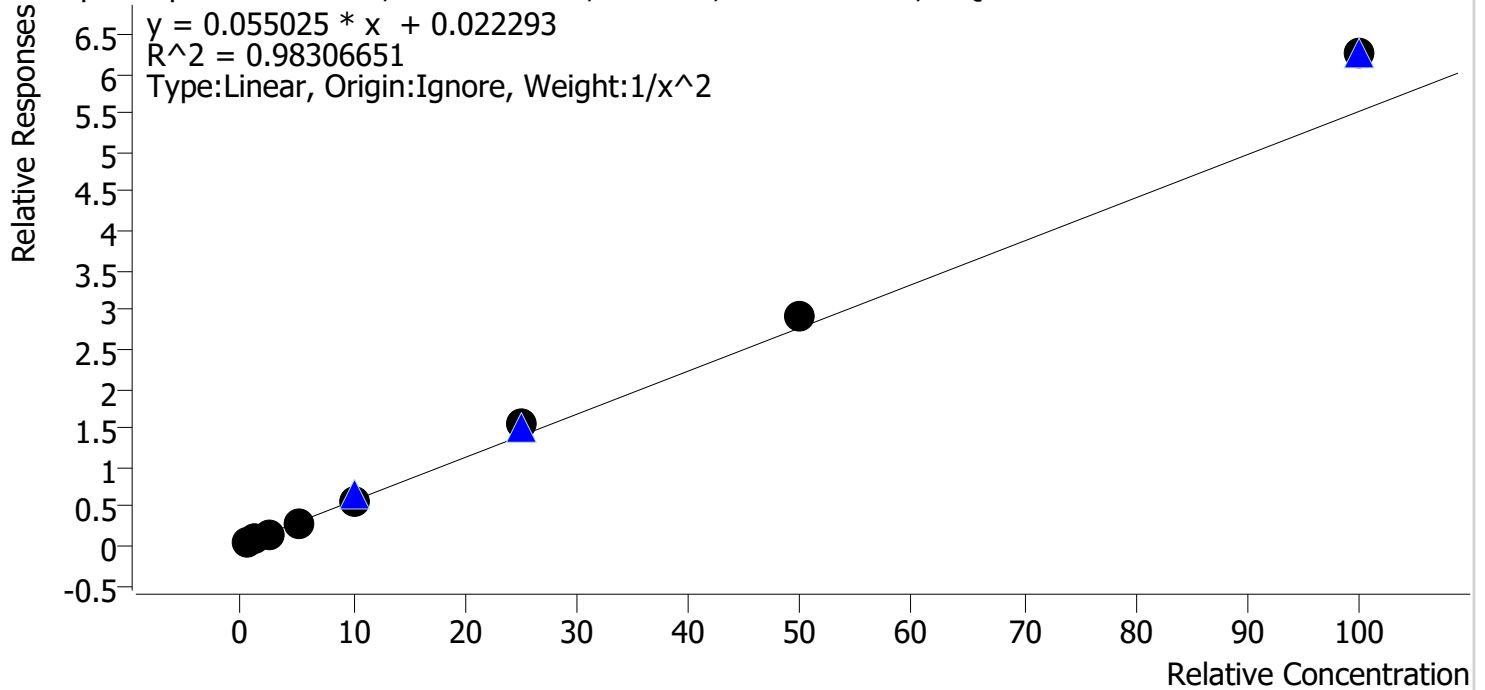
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	27.1	108.6
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	263.8	105.5
cal 7 mdq	7	✓	500.0	502.0	100.4
cal 8 mdq	8	✓	1000.0	867.8	86.8

Compound Calibration Report



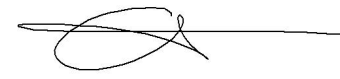
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



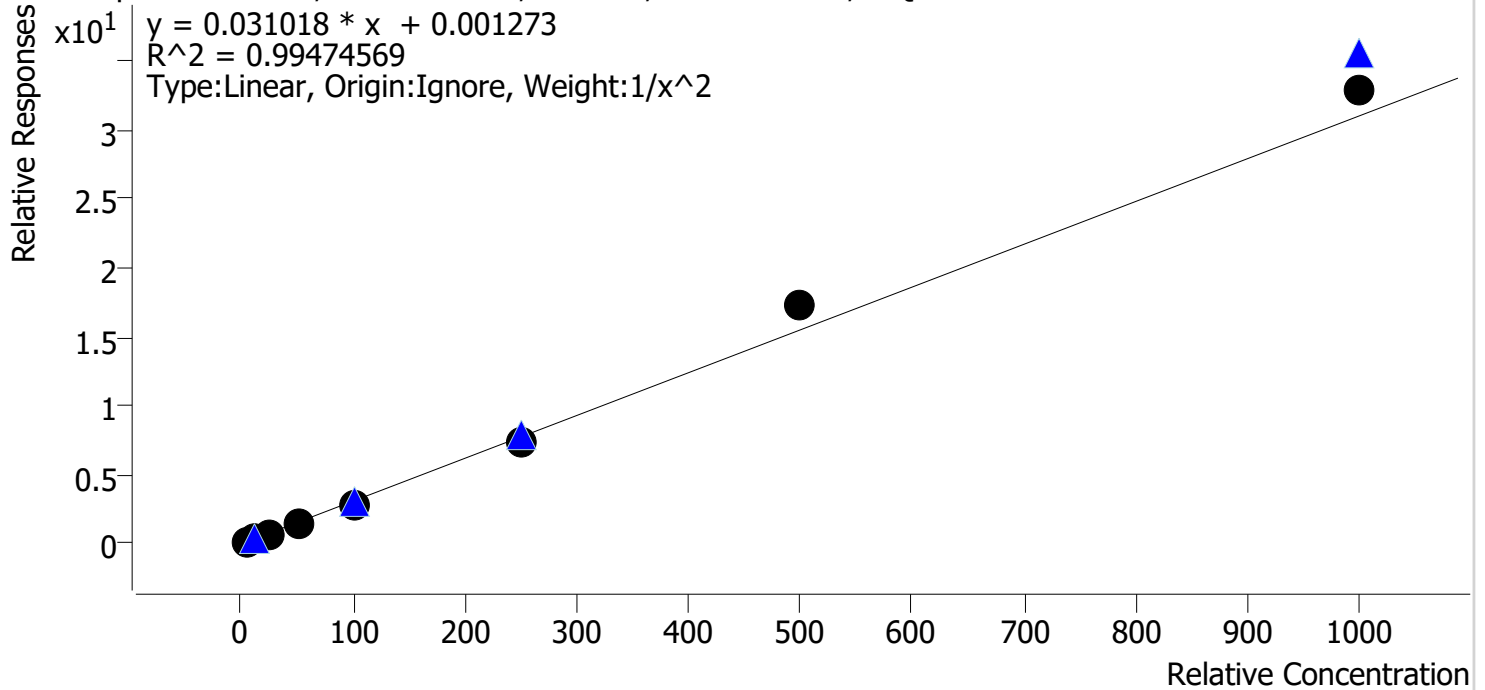
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	108.0
cal 2 mdq	2	✓	1.0	0.9	93.1
cal 3 mdq	3	✓	2.5	2.1	82.4
cal 4 mdq	4	✓	5.0	4.3	86.8
cal 5 mdq	5	✓	10.0	10.0	100.4
cal 6 mdq	6	✓	25.0	27.5	109.8
cal 7 mdq	7	✓	50.0	53.1	106.1
cal 8 mdq	8	✓	100.0	113.4	113.4

Compound Calibration Report



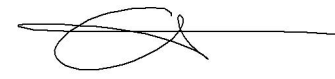
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

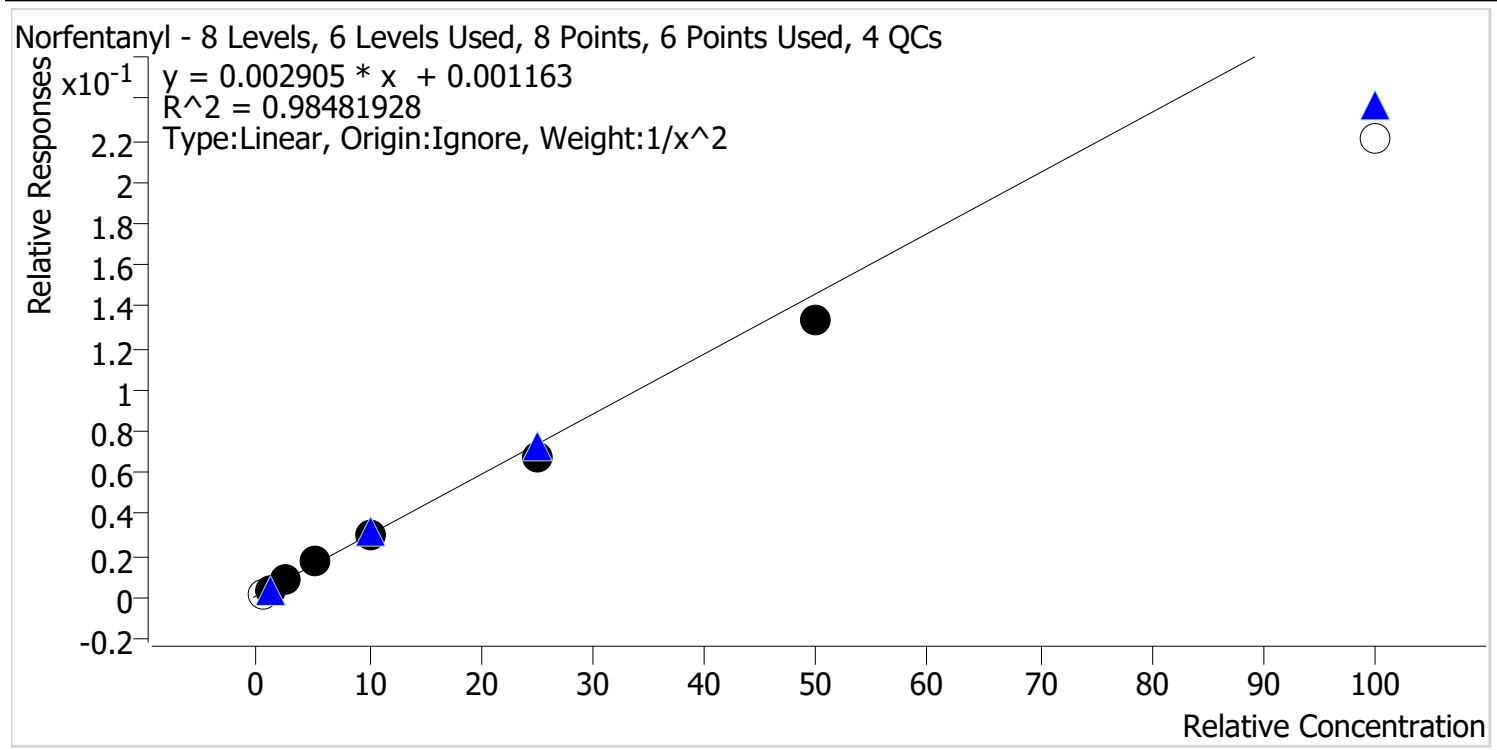


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	24.5	98.2
cal 4 mdq	4	✓	50.0	48.2	96.4
cal 5 mdq	5	✓	100.0	91.0	91.0
cal 6 mdq	6	✓	250.0	238.7	95.5
cal 7 mdq	7	✓	500.0	555.1	111.0
cal 8 mdq	8	✓	1000.0	1059.9	106.0

Compound Calibration Report

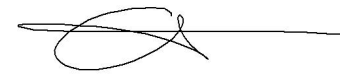


Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



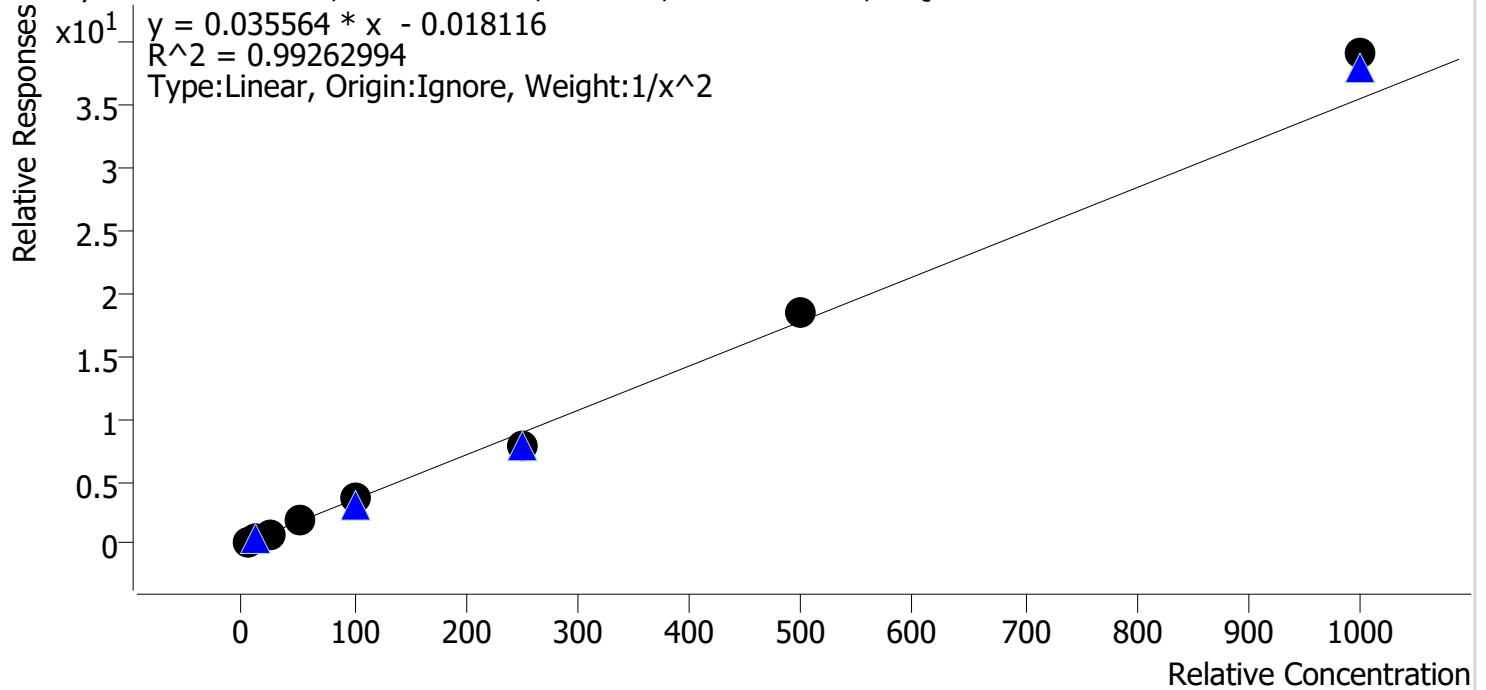
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.2	48.2
cal 2 mdq	2	✓	1.0	0.9	93.6
cal 3 mdq	3	✓	2.5	2.7	109.9
cal 4 mdq	4	✓	5.0	5.7	114.6
cal 5 mdq	5	✓	10.0	10.1	100.9
cal 6 mdq	6	✓	25.0	22.6	90.3
cal 7 mdq	7	✓	50.0	45.4	90.8
cal 8 mdq	8	x	100.0	75.6	75.6

Compound Calibration Report



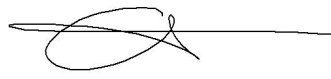
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



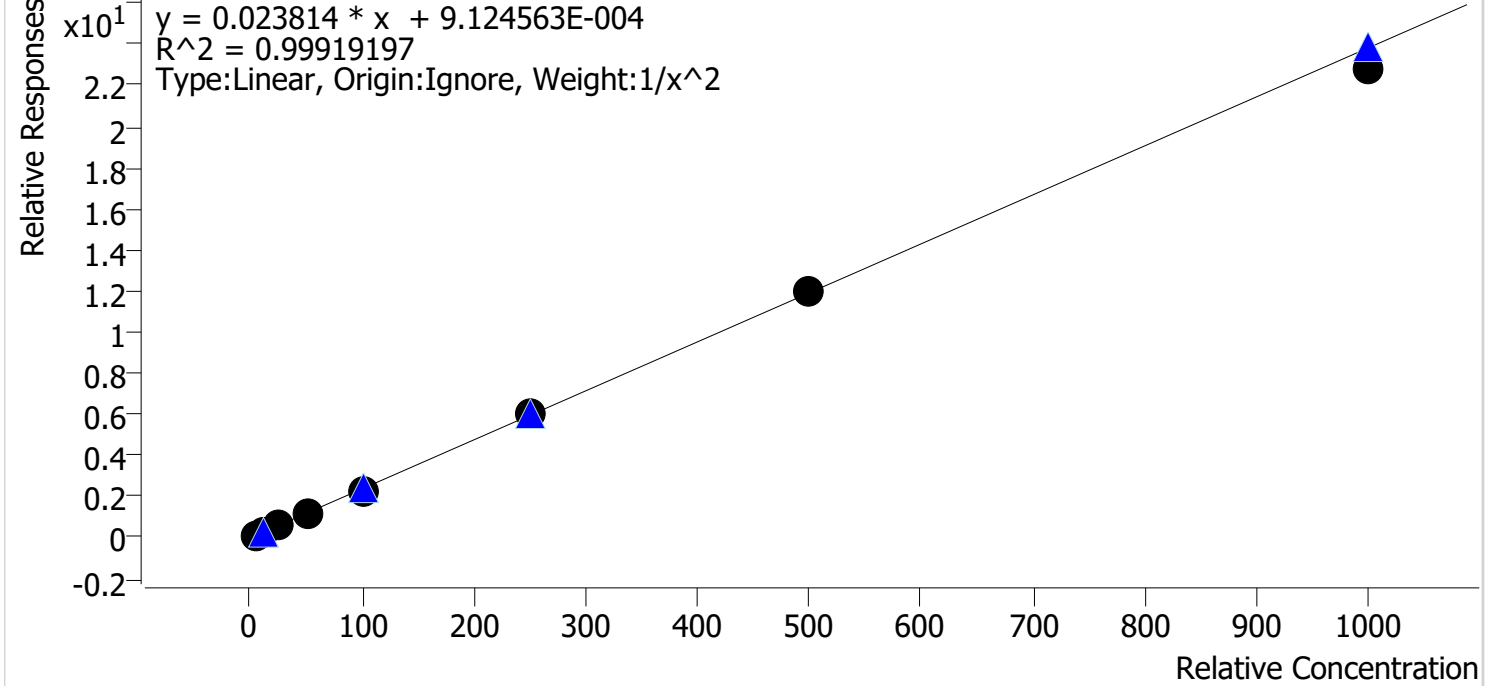
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.4
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	22.9	91.7
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	105.2	105.2
cal 6 mdq	6	✓	250.0	222.6	89.1
cal 7 mdq	7	✓	500.0	518.2	103.6
cal 8 mdq	8	✓	1000.0	1101.2	110.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

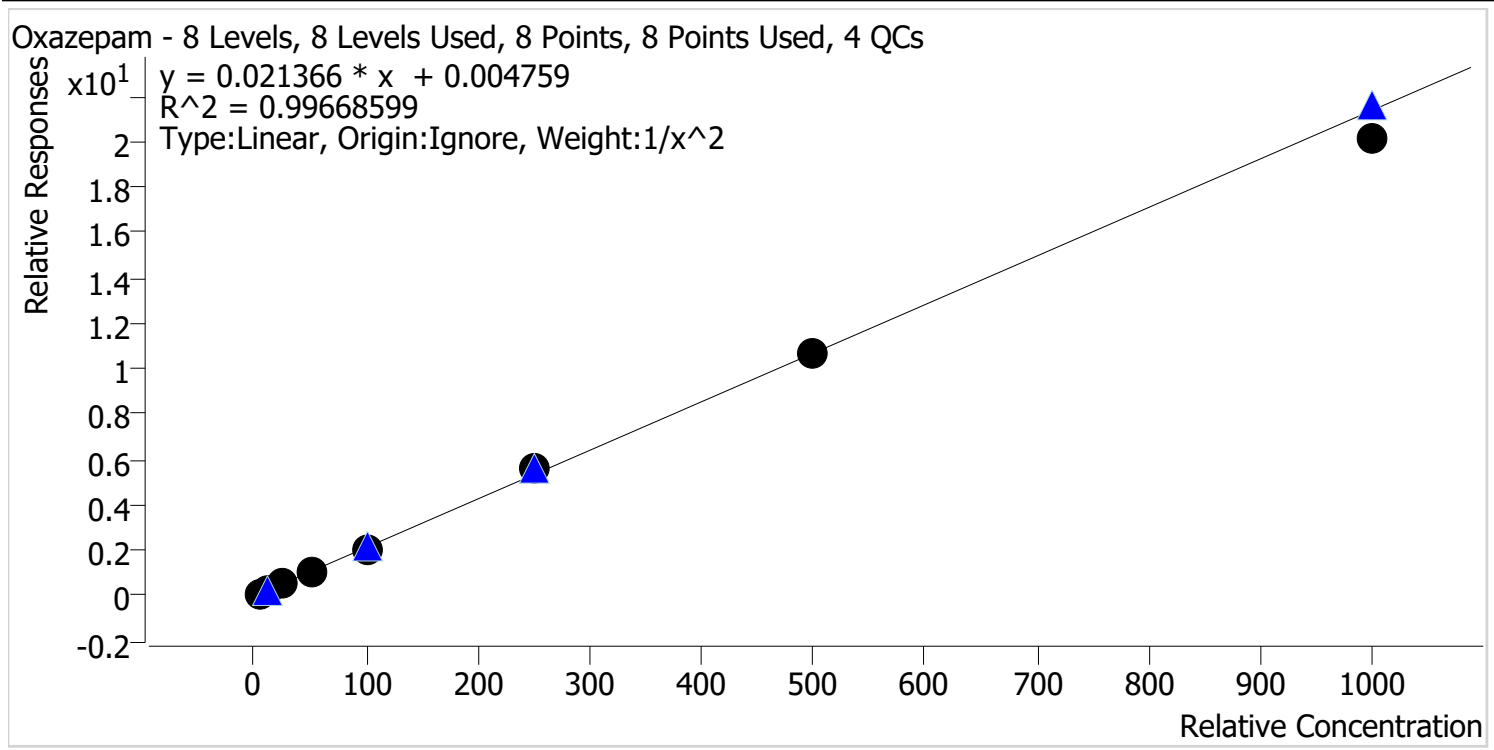


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.7	102.8
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	254.6	101.8
cal 7 mdq	7	✓	500.0	504.9	101.0
cal 8 mdq	8	✓	1000.0	960.3	96.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.0
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	26.8	107.1
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	93.0	93.0
cal 6 mdq	6	✓	250.0	260.6	104.2
cal 7 mdq	7	✓	500.0	498.6	99.7
cal 8 mdq	8	✓	1000.0	940.6	94.1

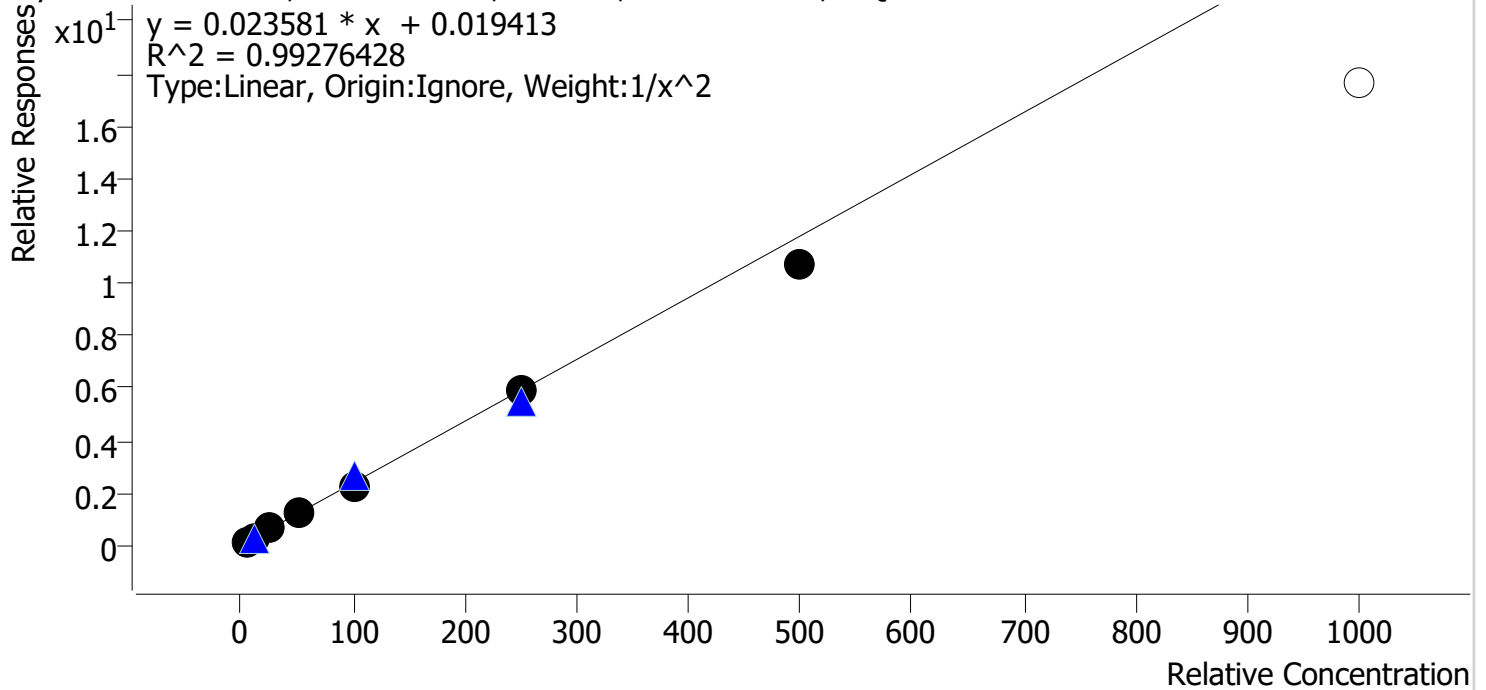
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Oxycodone

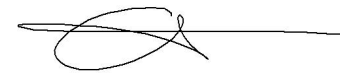
Internal Standard Oxycodone-D6

Oxycodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



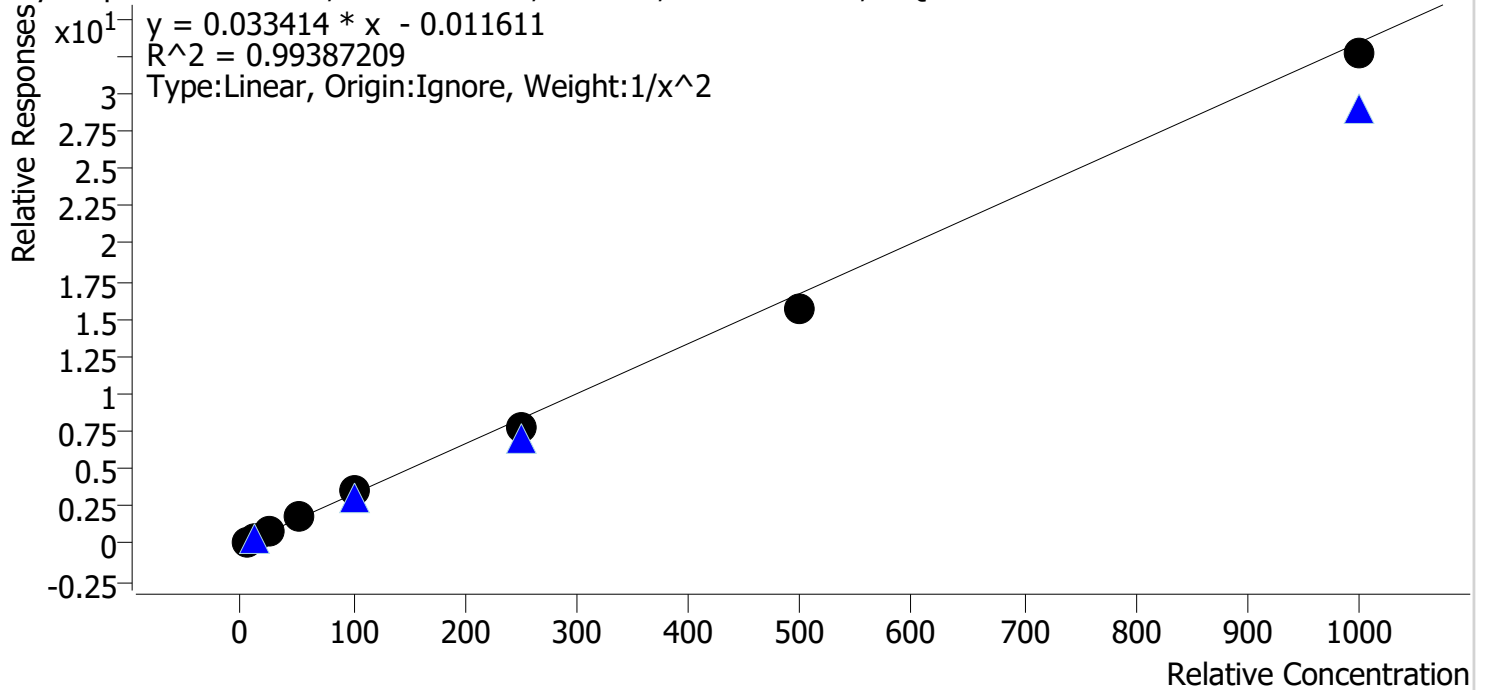
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.1
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	28.4	113.6
cal 4 mdq	4	✓	50.0	50.3	100.5
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	451.2	90.2
cal 8 mdq	8	✗	1000.0	749.7	75.0

Compound Calibration Report



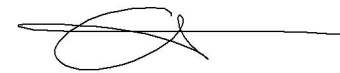
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



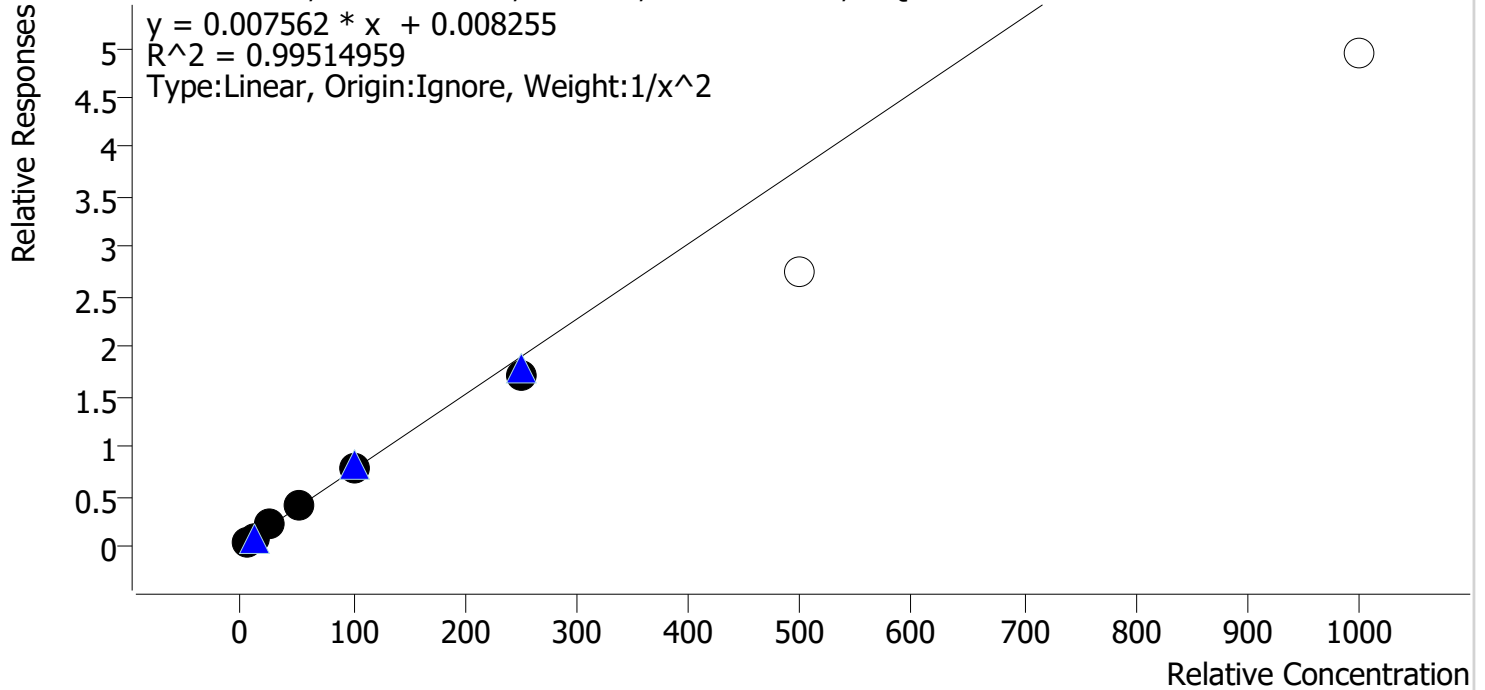
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	23.6	94.6
cal 4 mdq	4	✓	50.0	55.3	110.5
cal 5 mdq	5	✓	100.0	110.3	110.3
cal 6 mdq	6	✓	250.0	235.1	94.1
cal 7 mdq	7	✓	500.0	471.9	94.4
cal 8 mdq	8	✓	1000.0	977.8	97.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



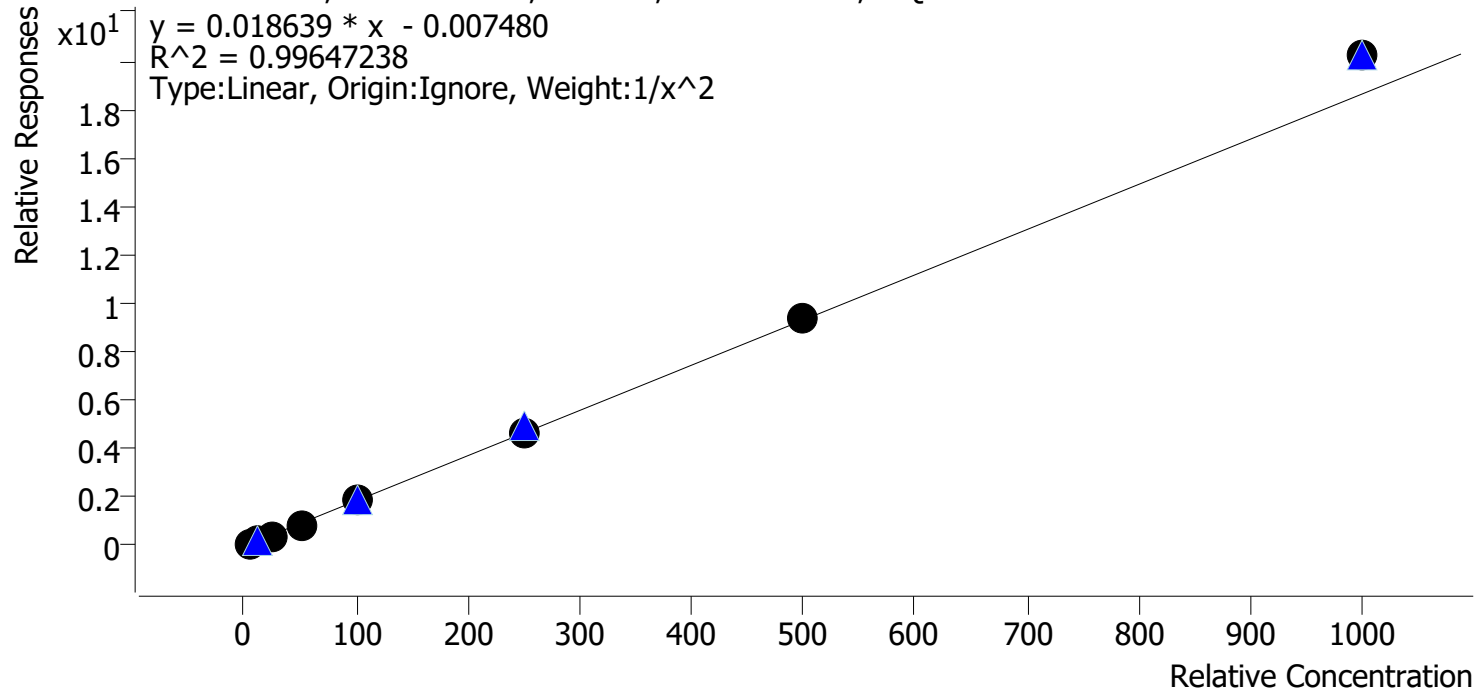
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	224.9	90.0
cal 7 mdq	7	✗	500.0	362.5	72.5
cal 8 mdq	8	✗	1000.0	652.0	65.2

Compound Calibration Report



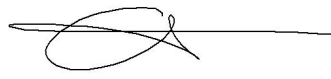
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



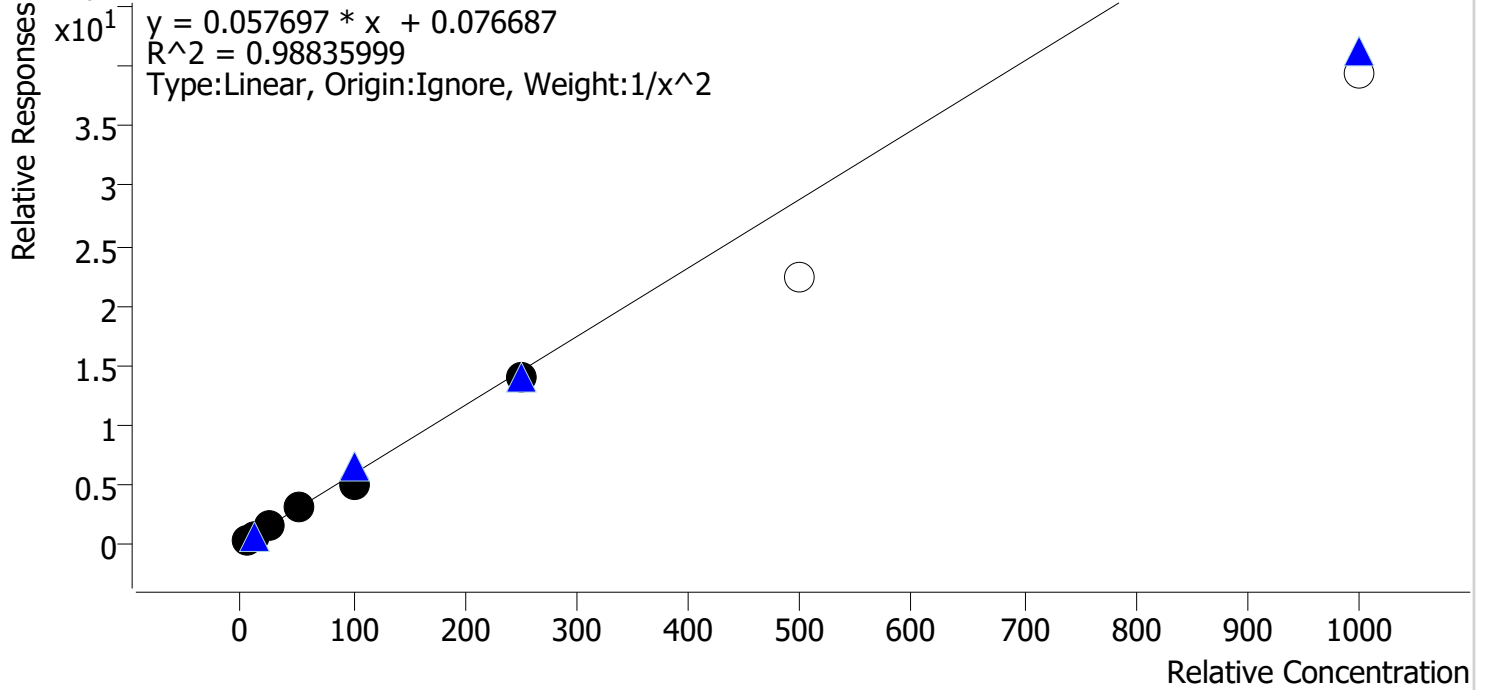
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.2
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	23.6	94.2
cal 4 mdq	4	✓	50.0	46.8	93.6
cal 5 mdq	5	✓	100.0	104.1	104.1
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	504.2	100.8
cal 8 mdq	8	✓	1000.0	1084.9	108.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



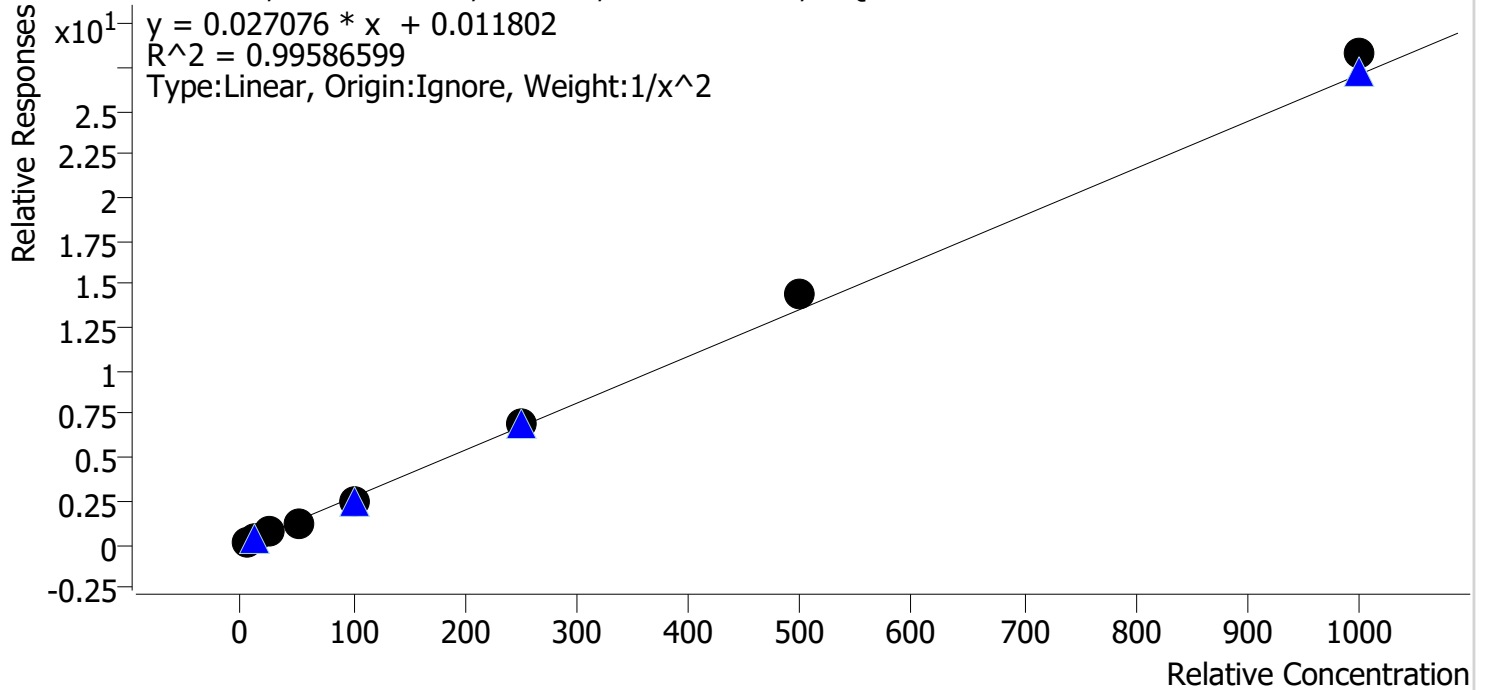
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.5
cal 2 mdq	2	✓	10.0	10.8	108.2
cal 3 mdq	3	✓	25.0	27.0	107.9
cal 4 mdq	4	✓	50.0	53.1	106.2
cal 5 mdq	5	✓	100.0	86.5	86.5
cal 6 mdq	6	✓	250.0	242.1	96.8
cal 7 mdq	7	x	500.0	385.2	77.0
cal 8 mdq	8	x	1000.0	684.2	68.4

Compound Calibration Report



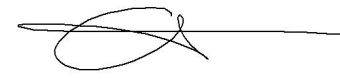
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



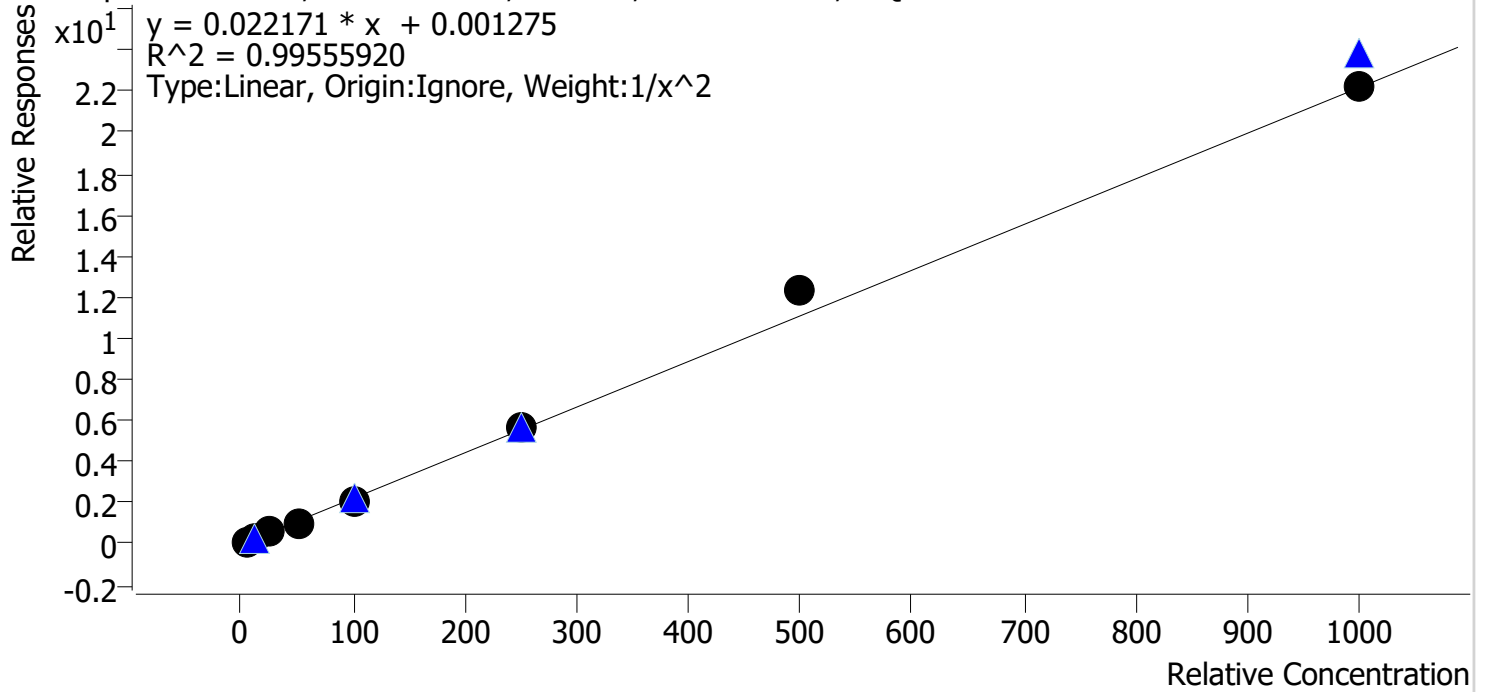
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	45.6	91.3
cal 5 mdq	5	✓	100.0	94.0	94.0
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	532.9	106.6
cal 8 mdq	8	✓	1000.0	1044.8	104.5

Compound Calibration Report



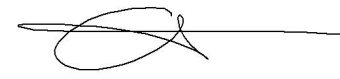
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



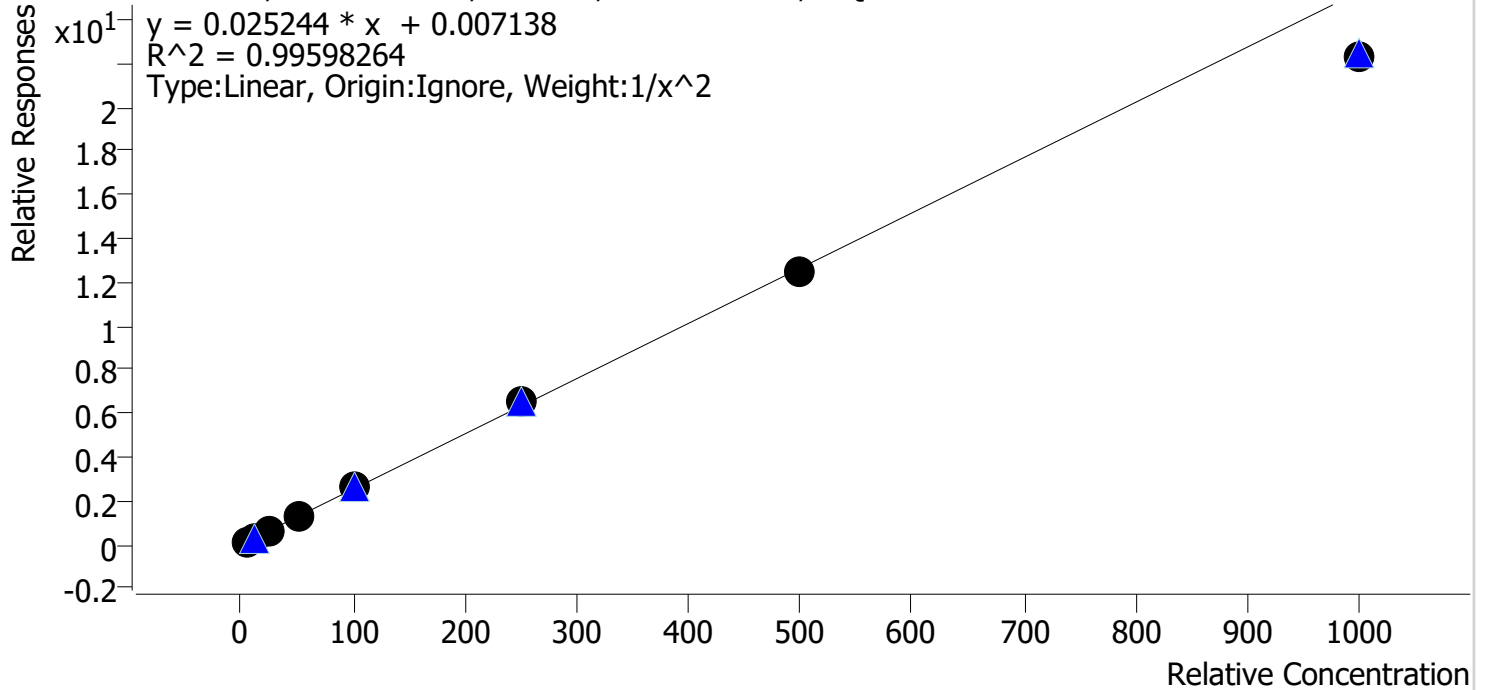
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	47.9	95.9
cal 5 mdq	5	✓	100.0	90.2	90.2
cal 6 mdq	6	✓	250.0	253.9	101.6
cal 7 mdq	7	✓	500.0	553.9	110.8
cal 8 mdq	8	✓	1000.0	999.2	99.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



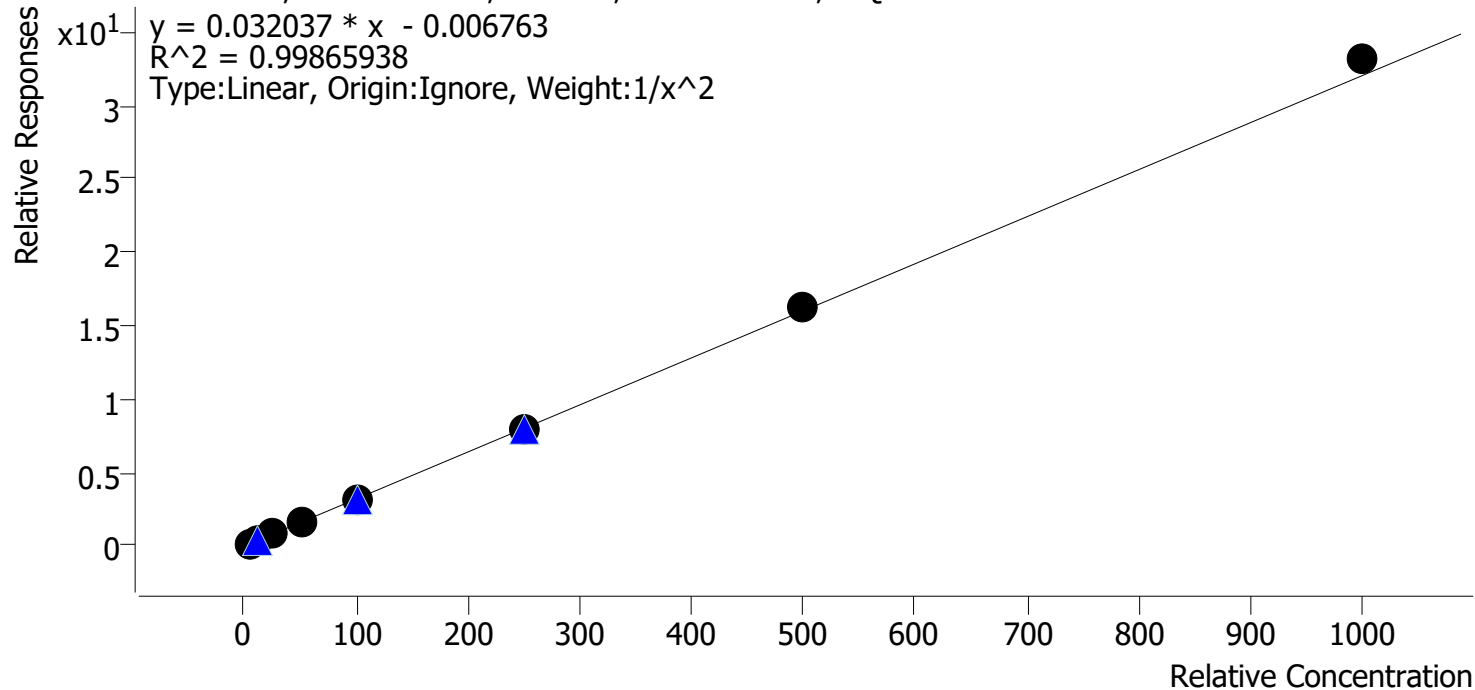
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.9
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	259.3	103.7
cal 7 mdq	7	✓	500.0	493.2	98.6
cal 8 mdq	8	✓	1000.0	880.3	88.0

Compound Calibration Report



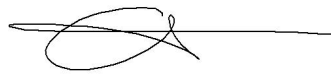
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

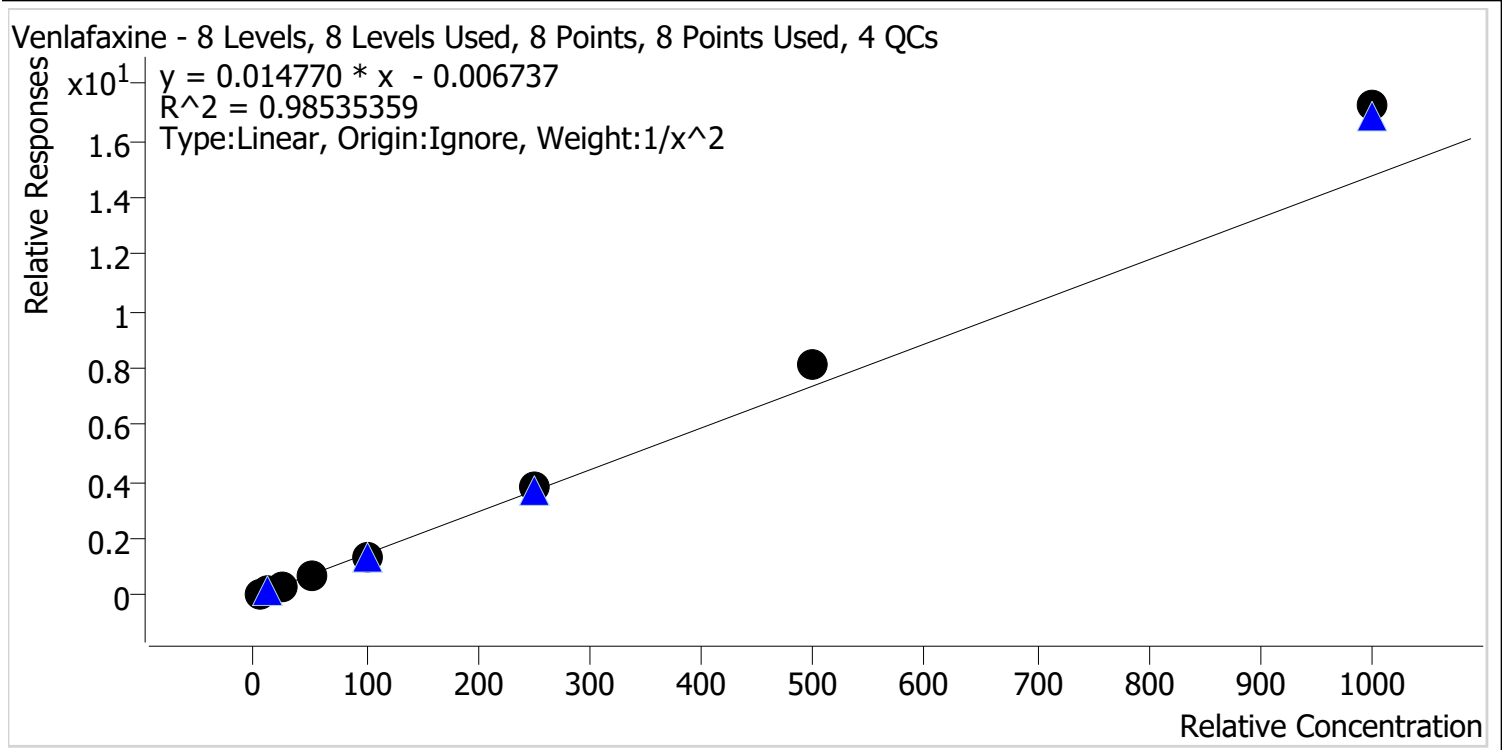


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	94.9	94.9
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	506.3	101.3
cal 8 mdq	8	✓	1000.0	1033.9	103.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



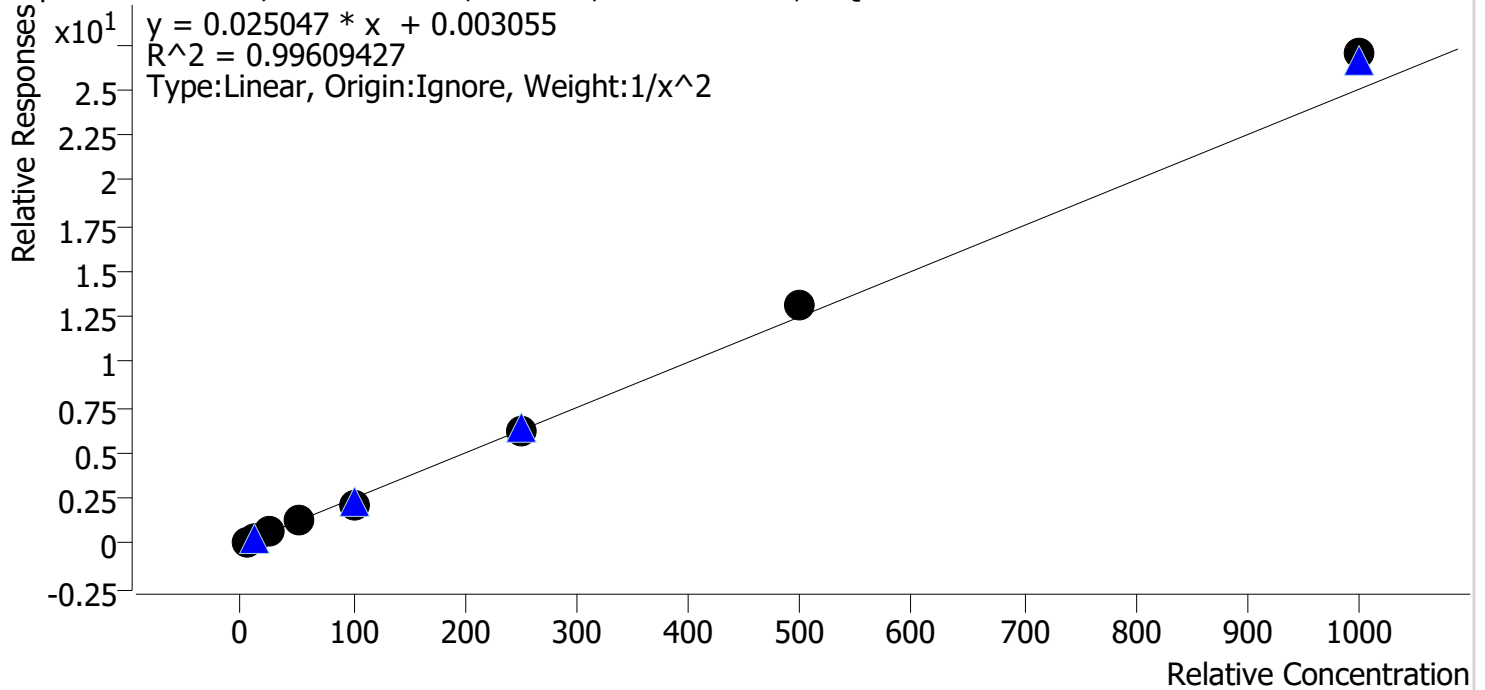
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.1
cal 2 mdq	2	✓	10.0	9.5	94.7
cal 3 mdq	3	✓	25.0	22.4	89.6
cal 4 mdq	4	✓	50.0	44.1	88.2
cal 5 mdq	5	✓	100.0	91.6	91.6
cal 6 mdq	6	✓	250.0	256.0	102.4
cal 7 mdq	7	✓	500.0	553.6	110.7
cal 8 mdq	8	✓	1000.0	1167.0	116.7

Compound Calibration Report



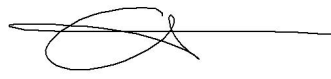
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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

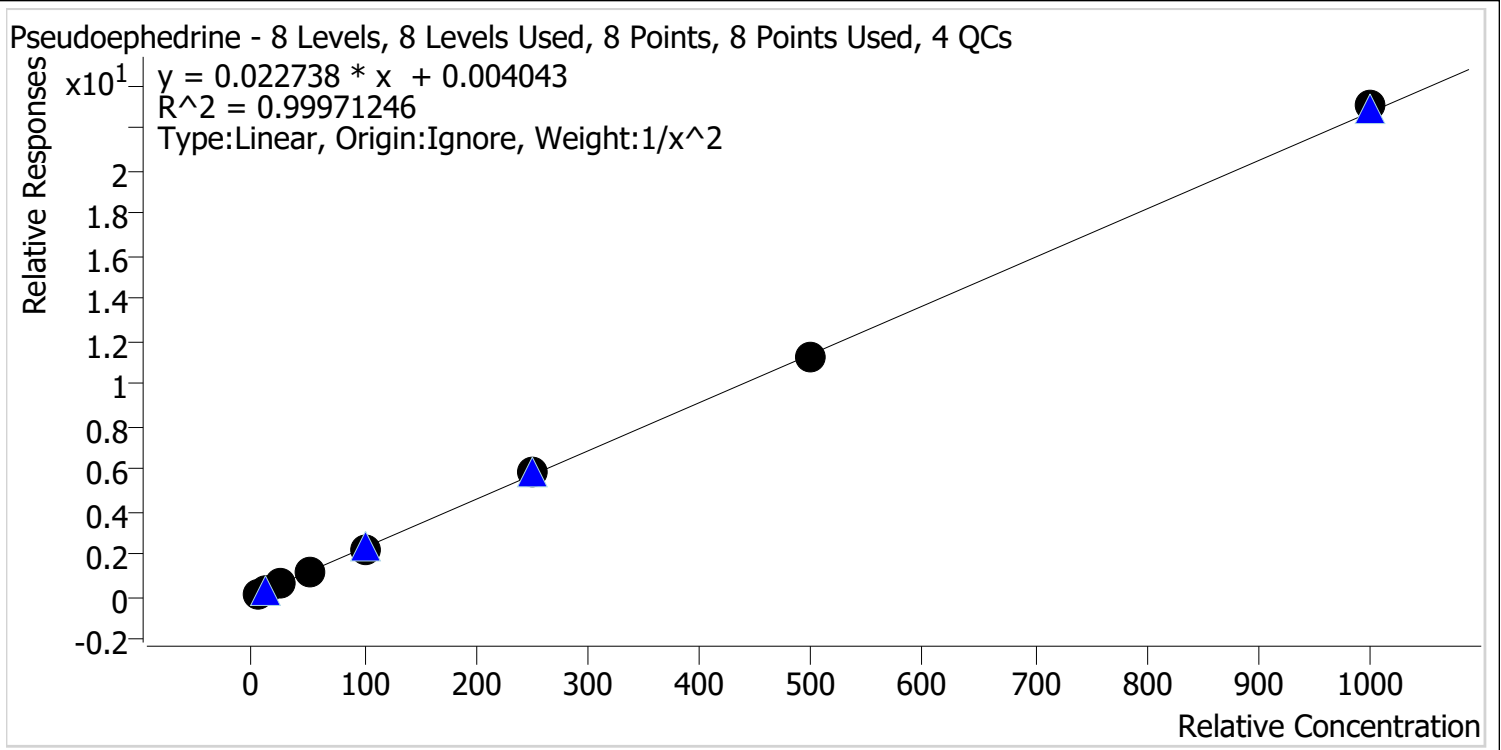


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	88.8	88.8
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	521.6	104.3
cal 8 mdq	8	✓	1000.0	1078.2	107.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



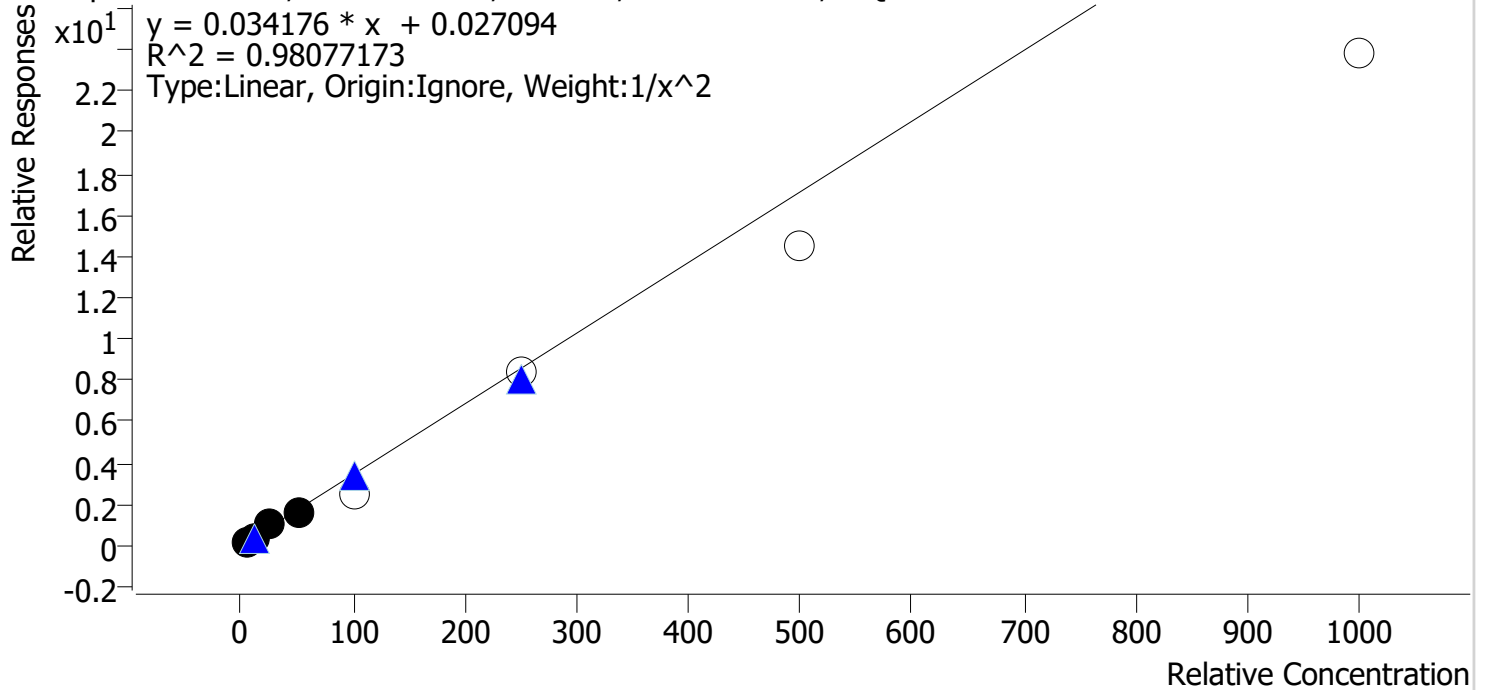
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	48.9	97.7
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	256.3	102.5
cal 7 mdq	7	✓	500.0	496.7	99.3
cal 8 mdq	8	✓	1000.0	1013.8	101.4

Compound Calibration Report



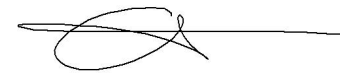
Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-d8

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



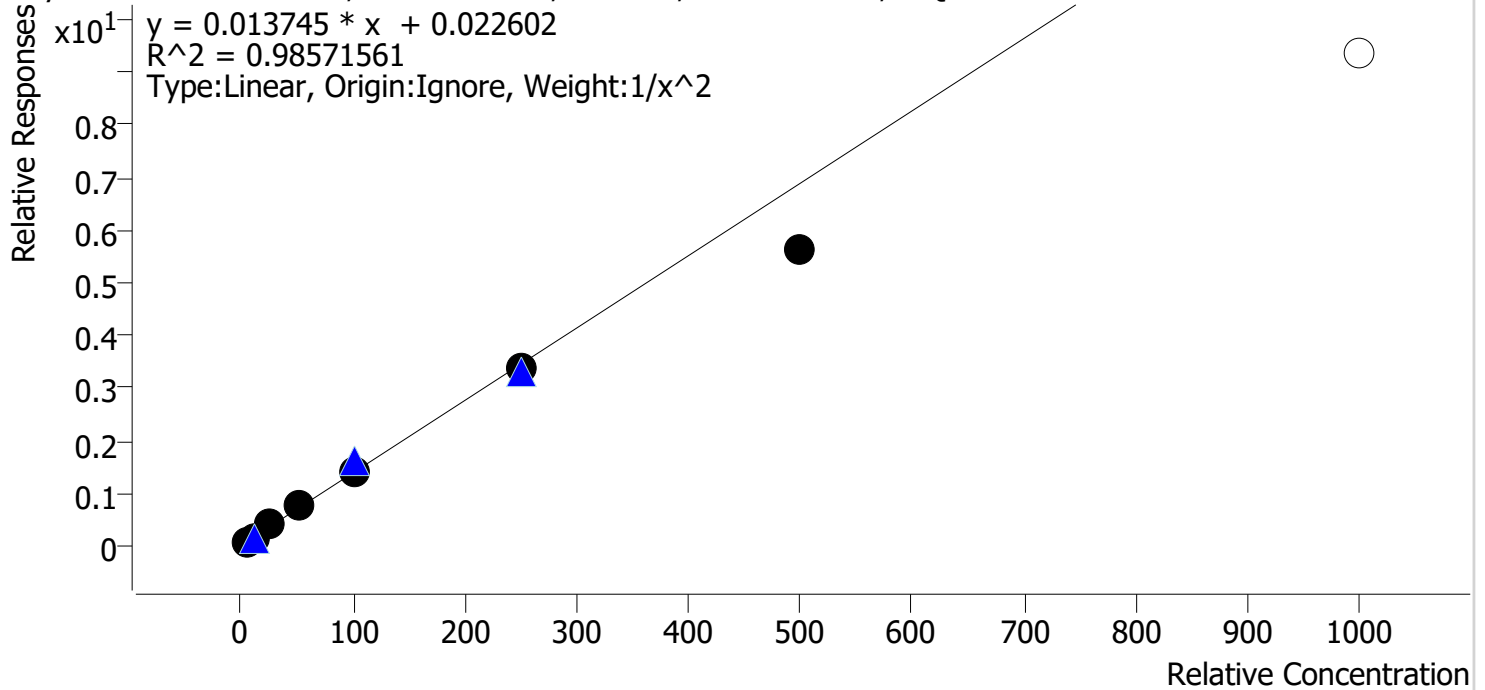
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.9
cal 2 mdq	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	27.7	111.0
cal 4 mdq	4	✓	50.0	43.9	87.9
cal 5 mdq	5	✗	100.0	73.2	73.2
cal 6 mdq	6	✗	250.0	244.1	97.7
cal 7 mdq	7	✗	500.0	424.6	84.9
cal 8 mdq	8	✗	1000.0	695.5	69.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



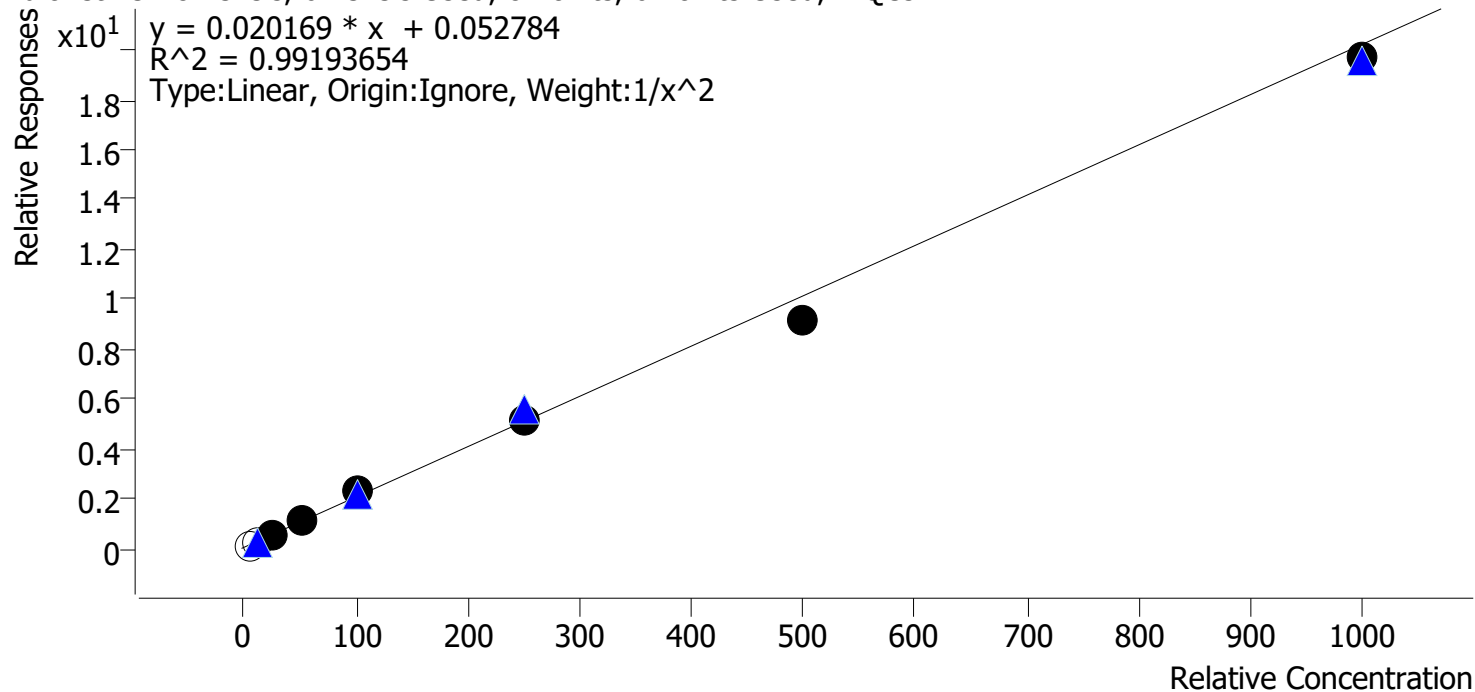
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.3
cal 2 mdq	2	✓	10.0	10.8	108.2
cal 3 mdq	3	✓	25.0	27.7	110.7
cal 4 mdq	4	✓	50.0	52.8	105.6
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	244.5	97.8
cal 7 mdq	7	✓	500.0	406.8	81.4
cal 8 mdq	8	✗	1000.0	679.1	67.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-d3

Duloxetine - 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	2.8	55.9
cal 2 mdq	2	x	10.0	8.4	84.0
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	51.8	103.7
cal 5 mdq	5	✓	100.0	111.4	111.4
cal 6 mdq	6	✓	250.0	253.2	101.3
cal 7 mdq	7	✓	500.0	452.6	90.5
cal 8 mdq	8	✓	1000.0	973.7	97.4

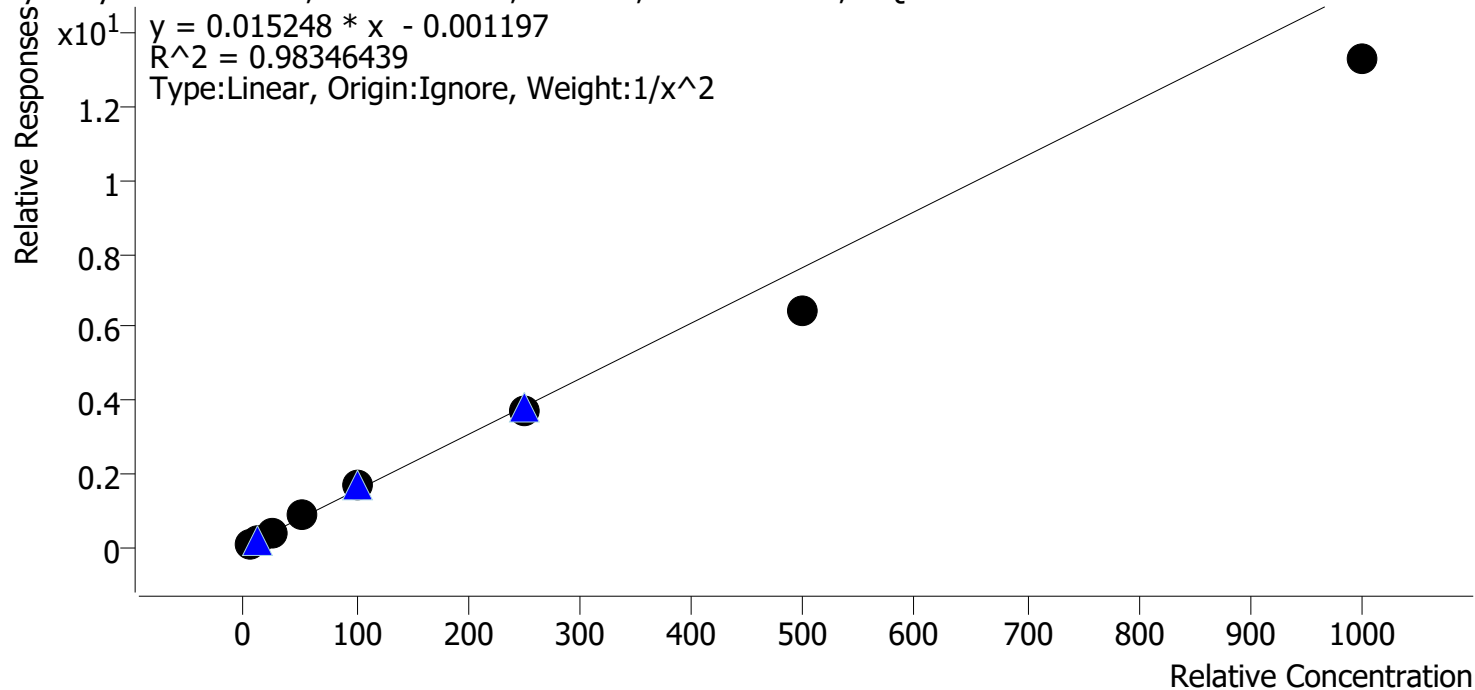
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte Hydroxyzine

Internal Standard Promethazine-D3

Hydroxyzine - 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	4.6	91.5
cal 2 mdq	2	✓	10.0	11.2	111.6
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	56.9	113.9
cal 5 mdq	5	✓	100.0	106.9	106.9
cal 6 mdq	6	✓	250.0	244.2	97.7
cal 7 mdq	7	✓	500.0	424.2	84.8
cal 8 mdq	8	✓	1000.0	872.2	87.2

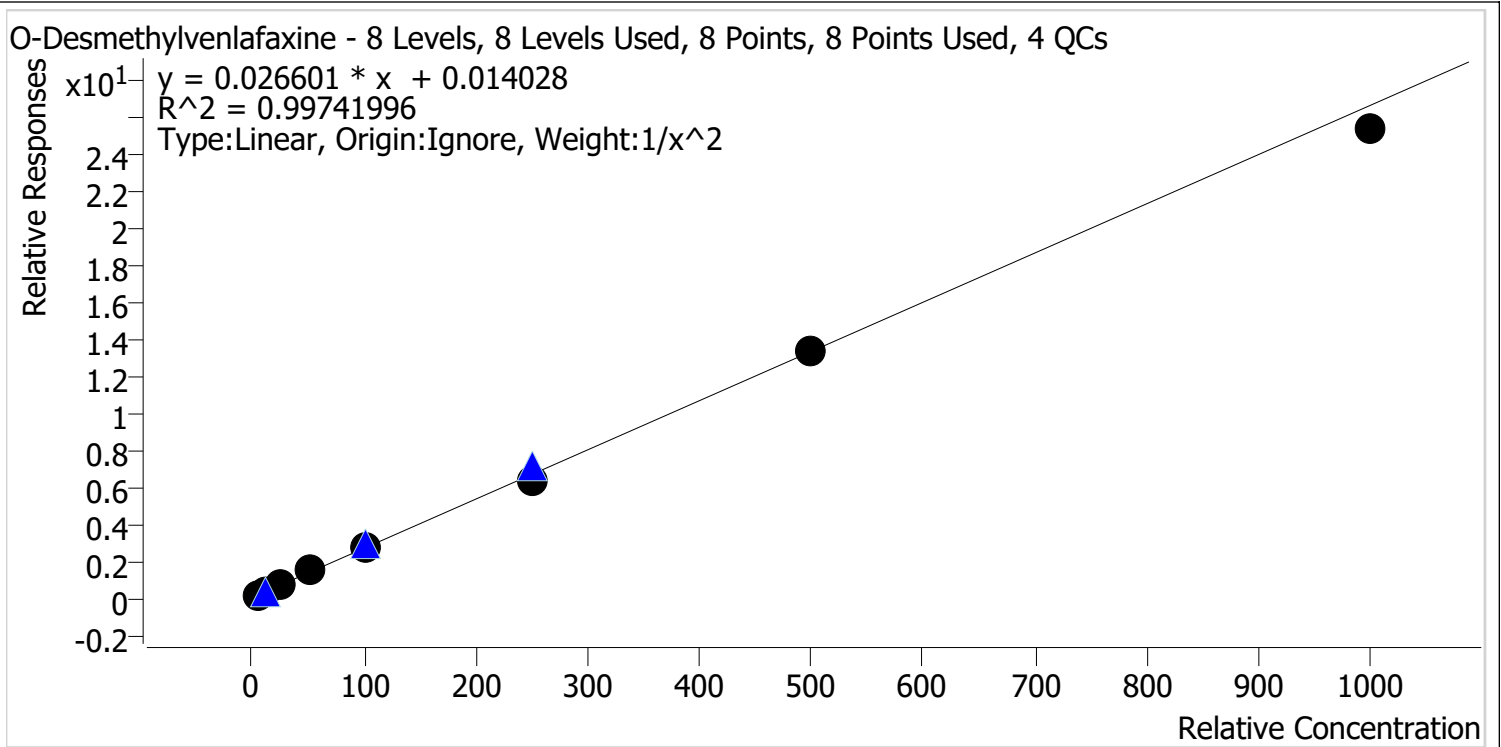
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Last Cal. Update 9/30/2022 12:10 PM
Analyst Name ISP\datastor
Analyte O-Desmethylvenlafaxine

Internal Standard

O-Desmethylvenlafaxine-d6



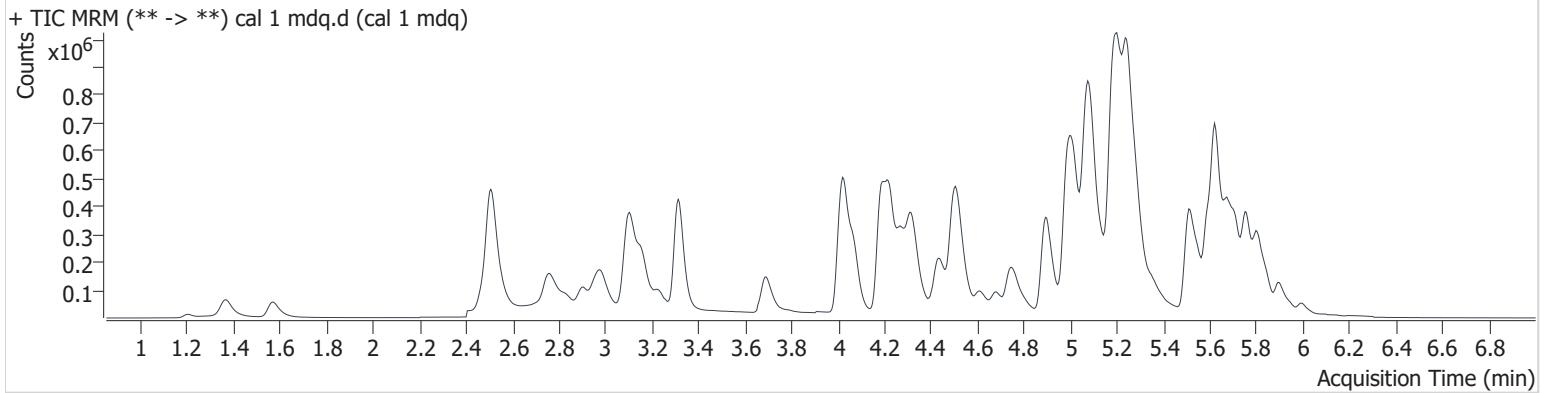
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	26.2	104.6
cal 4 mdq	4	✓	50.0	53.3	106.7
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	238.6	95.4
cal 7 mdq	7	✓	500.0	498.4	99.7
cal 8 mdq	8	✓	1000.0	952.8	95.3

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 12:38:10 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.091	1123	13548.2	147.2	251.4	56445	4.856 ng/ml
7-aminoclonazepam	4.205	8734	851.1	162.6	1989.8	123528	4.910 ng/ml
a-hydroxyalprazolam	5.636	4720	2041323.6	43.5	3912.7	243302	5.175 ng/ml
alpha-PHP	4.905	22686	∞	245.9	∞	572270	5.053 ng/ml
alpha-PVP	4.337	78729	2121.4	53.7	550.1	572270	5.011 ng/ml
Alprazolam	5.720	45041	2039.9	96.9	∞	332688	5.128 ng/ml
Amphetamine	2.983	54001	661.4	292.2	1397.0	287140	4.885 ng/ml
Benzoylcegonine	3.803	1486	24.0	68.3	6.2 Low	8168	4.469 ng/ml
Buprenorphine	6.021	4007	∞	17.1	1253.2	108681	0.488 ng/ml
Bupropion	4.770	67664	808.8	72.1	423.3	406400	4.841 ng/ml
Carisoprodol	5.675	17900	3175884.0	84.4	77.8	159436	5.010 ng/ml
Citalopram	5.173	89158	2406.3	36.9	∞	674930	5.025 ng/ml
Clonazepam	5.557	13902	1173.4	38.0	∞	55543	4.949 ng/ml
Clonazepam	5.493	21348	1726.3	41.5	835.3	55543	6.010 ng/ml
Cocaine	4.225	56246	1082.8	51.1	1585.6	862324	5.050 ng/ml
Codeine	2.552	8595	78528.8	91.6	21851.5	71744	5.062 ng/ml
Dextromethorphan	5.217	68050	120614.2	75.7	7978.6	640488	5.382 ng/ml
Dextrorphan	4.072	45882	19326.6	45.8	2087.9	439162	5.663 ng/ml
Diazepam	5.905	27878	3669.1	84.6	40374.4	242689	5.056 ng/ml
Dihydrocodeine	2.510	20497	4054.3	59.0	123.2	236436	4.663 ng/ml
Diphenhydramine	5.248	226322	15539.3	30.3	2022.0	1916132	5.104 ng/ml
Doxylamine	4.521	169500	5385.0	92.0	∞	1271006	5.000 ng/ml
Duloxetine	5.621	5983	52.4	7.1 Low	51.2	54800	2.796 ng/ml
EDDP	5.211	160887	19969.0	43.3	1278241.0	1585156	5.025 ng/ml
Fentanyl	5.110	10407	∞	110.3	14731.7	950878	0.637 ng/ml
Flualprazolam	5.651	20999	163036.8	98.1	50123.7	332688	5.219 ng/ml
Fluoxetine	5.683	66590	1522.7	6.5	49256.1	412913	4.878 ng/ml
Hydrocodone	2.990	28802	904.6	36.3	917.7	285671	4.665 ng/ml
Hydromorphone	1.578	25197	629.4	74.2	402.9	150275	5.079 ng/ml
Hydroxyzine	5.703	77640	886.1	116.0	327.7	1132987	4.573 ng/ml
Ketamine	4.052	51839	13358.6	39.3	112.8	431604	4.896 ng/ml
Lamotrigine	4.248	4791	1322.5	86.8	343.6	319885	4.803 ng/ml
Lorazepam	5.693	12921	∞	37.2	135.6	243302	4.789 ng/ml

AM #28 Multi-Drug Quant. Results

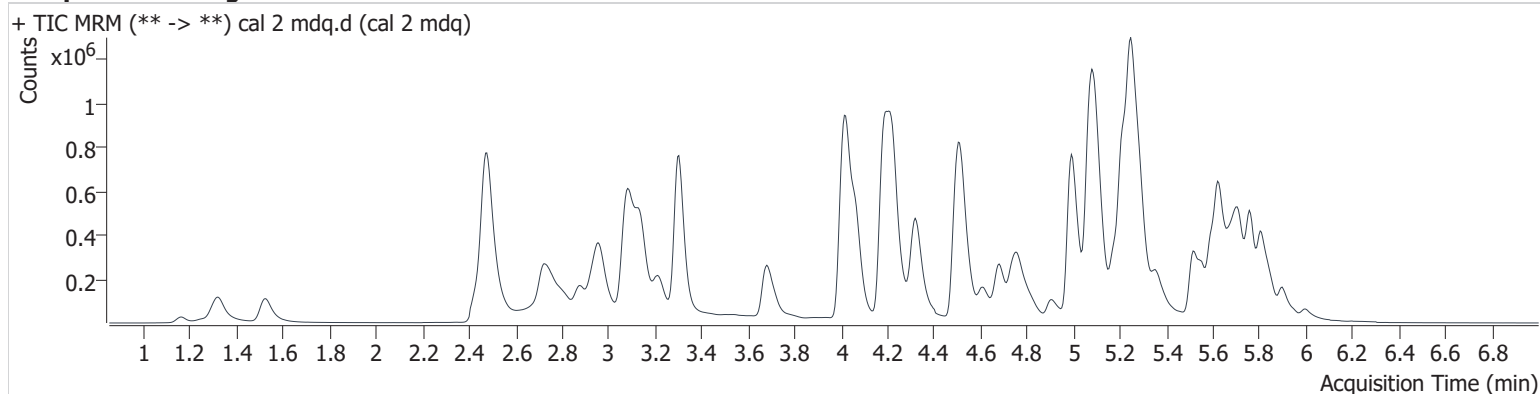
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.135	61433	1966.7	20.7	105.5	319885	4.632 ng/ml
MDMA	3.237	48759	55282.5	104.8	3067.2	92028	5.009 ng/ml
Meprobamate	4.828	10203	710.1	30.9	99.2	56059	4.783 ng/ml
Methadone	5.626	144428	4165.0	63.0	2256.0	1329836	5.062 ng/ml
Methamphetamine	3.162	268696	1831.2	40.9	789.9	958004	5.059 ng/ml
Metoprolol	4.283	12333	∞	103.8	457.7	1270480	4.626 ng/ml
Mirtazapine	4.686	108712	∞	48.7	∞	1270480	4.821 ng/ml
Mitragynine	5.245	31696	29956.9	28.2	12872.5	1270480	10.224 ng/ml
Morphine	1.212	4088	575.3	22.1	146.3	10725	4.822 ng/ml
Norbuprenorphine	4.942	876	1005.0	85.2	656.9	16852	0.540 ng/ml
Nordiazepam	5.848	23748	∞	57.6	9311.8	151428	5.015 ng/ml
Norfentanyl	4.032	1368	1.2 Low	279.7	174.2	734574	0.241 ng/ml
Noroxycodone	2.852	23769	538.1	46.9	629.2	141931	5.218 ng/ml
O-desmethyl-tramadol	3.318	125503	8686.9	6.6	778.4	1060429	4.932 ng/ml
O-Desmethylvenlafaxine	4.020	33429	112.3	233.0	327.2	234044	4.842 ng/ml
Olanzapine	4.674	42295	245.7	45.2	581.2	219544	4.844 ng/ml
Oxazepam	5.695	26378	228.4	70.0	64.3	243302	4.852 ng/ml
Oxycodone	2.789	60914	2092.5	30.0	2260.8	458814	4.807 ng/ml
Oxymorphone	1.370	37199	∞	44.2	∞	236776	5.049 ng/ml
Phentermine	3.725	17660	397.9	12.6	100.5	389508	4.904 ng/ml
Promethazine	5.516	100529	5476.1	52.2	1361.3	1132987	5.162 ng/ml
Pseudoephedrine	2.519	149824	2539.1	17.4	1311.2	1270480	5.009 ng/ml
Quetiapine	5.592	86862	211962.4	60.5	56586.6	248749	4.723 ng/ml
Sertraline	5.752	20309	∞	95.1	5575.8	138884	4.965 ng/ml
Temazepam	5.768	72006	6442.1	27.9	215.0	636608	5.044 ng/ml
Tramadol	4.201	133861	6181.4	3.5	126.8	1034260	4.844 ng/ml
Trazodone	5.345	152635	∞	62.4	3192.5	1010500	4.926 ng/ml
Venlafaxine	4.992	86747	∞	43.1	284.0	1211134	5.306 ng/ml
Zolpidem	5.095	167220	197437.1	32.1	3240.4	1295934	5.030 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

Instrument 69679 **Data File** cal 2 mdq.d
Type Cal **Sample** cal 2 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-B1 **Comment**
Injection Volume 3
Acq. Date-Time 9/28/2022 12:47:13 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	4091	5409.7	142.7	348056.6	102564	10.214 ng/ml
7-aminoclonazepam	4.206	25993	37380.0	164.4	1291.0	192961	10.268 ng/ml
a-hydroxyalprazolam	5.641	14478	25433.9	56.7	7671.7	359371	9.785 ng/ml
alpha-PHP	4.905	78059	3769.4	251.5	5127.6	1025759	9.785 ng/ml
alpha-PVP	4.332	280375	23940.6	54.2	7317.0	1025759	10.010 ng/ml
Alprazolam	5.726	101731	35447.9	89.9	∞	369462	9.887 ng/ml
Amphetamine	2.962	176309	2445.0	285.0	5404.4	490544	10.317 ng/ml
Benzoylcegonine	3.798	5102	311.4	59.6	46.7	13698	10.030 ng/ml
Buprenorphine	6.026	10149	∞	16.2	1031.8	134148	0.991 ng/ml
Bupropion	4.770	244398	∞	74.7	4095.4	689632	10.339 ng/ml
Carisoprodol	5.675	45309	28461.3	88.5	1034.1	193564	10.050 ng/ml
Citalopram	5.178	169701	2867.0	34.7	53399.5	656787	9.962 ng/ml
Clonazepam	5.557	51871	18623.1	35.1	50543.6	98536	10.166 ng/ml
Clonazepam	5.498	61871	12960.1	38.1	6352.9	98536	9.393 ng/ml
Cocaine	4.226	192104	15247.5	52.7	1210550.9	1480877	9.778 ng/ml
Codeine	2.516	29972	12127.2	89.2	7768.6	116338	10.226 ng/ml
Dextromethorphan	5.222	120359	26136.1	71.9	15731.4	570184	10.079 ng/ml
Dextrorphan	4.072	157341	20772.9	44.8	342875.9	763750	10.377 ng/ml
Diazepam	5.905	57926	∞	85.4	∞	259547	9.780 ng/ml
Dihydrocodeine	2.470	67299	454.6	60.6	1097.0	392775	10.822 ng/ml
Diphenhydramine	5.254	555752	8278.1	30.2	859.3	2443977	9.858 ng/ml
Doxylamine	4.521	573808	1500789503 572250.0	93.5	∞	2175533	10.136 ng/ml
Duloxetine	5.621	8199	91.7	8.8 Low	∞	36912	8.395 ng/ml
EDDP	5.216	302028	18431.3	42.2	∞	1456070	9.991 ng/ml
Fentanyl	5.110	16061	3570.6	125.7	21547.2	806736	0.995 ng/ml
Flualprazolam	5.656	38702	∞	106.8	881.3	369462	8.945 ng/ml
Fluoxetine	5.683	108543	∞	5.3	∞	307943	10.534 ng/ml
Hydrocodone	2.965	101550	1346.7	37.1	969.5	506771	10.587 ng/ml
Hydromorphone	1.533	82416	354.2	73.6	322.8	260188	9.863 ng/ml
Hydroxyzine	5.703	126679	574.2	123.3	2866.3	749996	11.156 ng/ml
Ketamine	4.047	173469	∞	38.2	1469.0	722083	10.169 ng/ml
Lamotrigine	4.248	16494	717.9	91.4	520.7	539614	10.488 ng/ml

AM #28 Multi-Drug Quant. Results

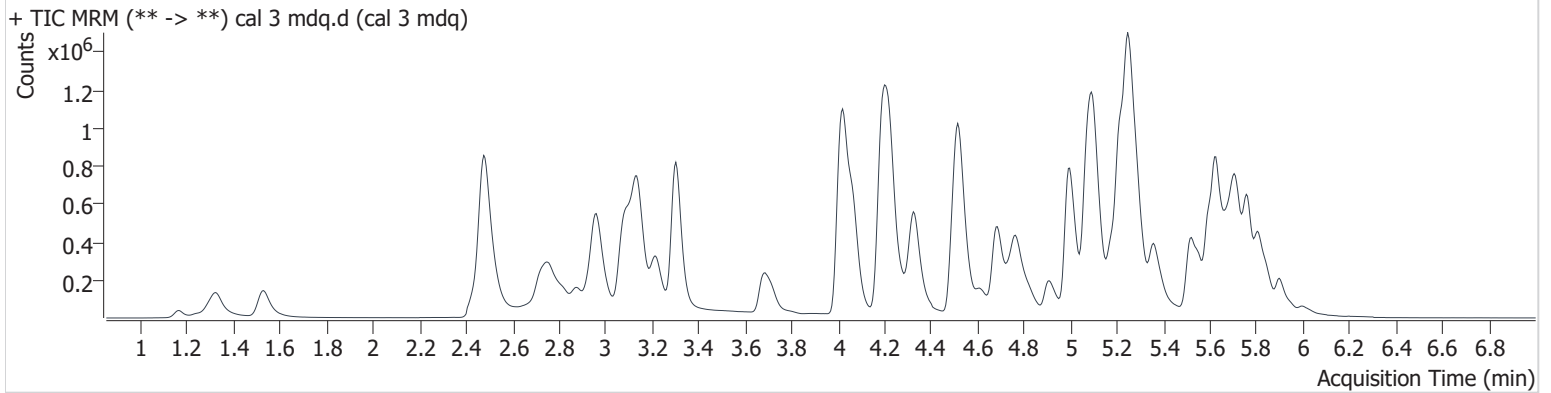
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.699	41378	432.2	40.9	312.2	359371	10.413 ng/ml
MDA	3.120	219107	5302.7	22.9	296.8	539614	10.772 ng/ml
MDMA	3.217	168092	54337.9	105.5	3223.9	161321	9.948 ng/ml
Meprobamate	4.828	58645	11082.1	34.3	793.8	151656	10.481 ng/ml
Methadone	5.626	227735	77213.7	63.7	∞	1009736	10.037 ng/ml
Methamphetamine	3.141	584290	∞	38.9	1131.8	1605162	9.316 ng/ml
Metoprolol	4.278	49368	∞	96.0	∞	2069292	11.081 ng/ml
Mirtazapine	4.681	387769	24993.9	48.9	44982.9	2069292	10.636 ng/ml
Mitragynine	5.250	48981	7509.2	28.4	12417.1	2069292	9.761 ng/ml
Morphine	1.167	12485	5300.7	24.3	526.7	17006	10.378 ng/ml
Norbuprenorphine	4.963	1465	3993.8	93.2	2863.5	19932	0.931 ng/ml
Nordiazepam	5.848	53362	∞	60.2	54095.9	168570	10.165 ng/ml
Norfentanyl	4.032	4898	2646.1	263.6	746.2	1261387	0.936 ng/ml
Noroxycodone	2.821	80426	4531.8	48.6	1279.2	254553	9.393 ng/ml
O-desmethyl-tramadol	3.308	424477	202452.7	6.2	1124.1	1747038	10.165 ng/ml
O-Desmethylvenlafaxine	4.015	112754	236.9	248.3	1251.6	389384	10.358 ng/ml
Olanzapine	4.674	156694	545.1	40.2	223.5	408670	10.426 ng/ml
Oxazepam	5.700	81099	4395.1	74.6	672.6	359371	10.339 ng/ml
Oxycodone	2.754	213731	1993.0	30.2	6592.3	817015	10.270 ng/ml
Oxymorphone	1.320	126792	∞	44.0	∞	403818	9.744 ng/ml
Phentermine	3.720	63488	419.8	14.3	120.1	751077	10.087 ng/ml
Promethazine	5.522	129507	35758.5	48.6	2143.2	749996	9.666 ng/ml
Pseudoephedrine	2.483	480436	6739.6	17.2	6534.0	2069292	10.033 ng/ml
Quetiapine	5.592	191685	726683.1	57.2	186973.7	273542	10.816 ng/ml
Sertraline	5.757	26623	25299.7	97.0	4936.9	90085	10.479 ng/ml
Temazepam	5.768	179830	3938.1	30.3	228.4	813682	9.911 ng/ml
Tramadol	4.196	476732	∞	3.3	225.5	1769995	10.387 ng/ml
Trazodone	5.355	280933	∞	61.5	∞	858360	10.427 ng/ml
Venlafaxine	4.997	276471	117571.4	56.3	3061.9	2077341	9.467 ng/ml
Zolpidem	5.100	441231	12017.4	29.1	12216.2	1739578	10.005 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 12:56:15 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	8876	29463.5	133.3	39937.2	87704	26.655 ng/ml
7-aminoclonazepam	4.206	57762	2505.7	164.0	12863.7	176088	26.450 ng/ml
a-hydroxyalprazolam	5.646	31222	14444.4	52.3	15104.2	308192	23.252 ng/ml
alpha-PHP	4.910	164809	14647.8	249.4	∞	850488	25.059 ng/ml
alpha-PVP	4.332	590025	26630.2	53.9	14484.8	850488	25.490 ng/ml
Alprazolam	5.726	214094	∞	93.8	3110.5	317329	23.463 ng/ml
Amphetamine	2.963	354074	9048.8	279.4	9674.2	413339	26.078 ng/ml
Benzoylcegonine	3.798	10895	6759.7	60.7	137.8	12253	25.115 ng/ml
Buprenorphine	6.026	22825	∞	16.3	2617.7	115783	2.566 ng/ml
Bupropion	4.770	505362	6165.6	75.2	∞	565349	26.127 ng/ml
Carisoprodol	5.675	98764	951004.4	92.8	730.6	172718	24.022 ng/ml
Citalopram	5.183	352939	5757.6	36.7	59396.2	559407	24.526 ng/ml
Clonazepam	5.557	118935	100297.2	35.5	201391.7	91105	24.883 ng/ml
Clonazepam	5.498	131785	∞	38.1	4961.4	91105	20.766 ng/ml
Cocaine	4.226	408904	21264.2	51.6	345590.9	1219914	24.842 ng/ml
Codeine	2.516	59478	218513.9	90.4	6883.4	95836	23.826 ng/ml
Dextromethorphan	5.222	260391	115466.4	72.3	5441.2	493204	24.277 ng/ml
Dextrorphan	4.072	327589	27781.4	44.8	∞	650813	24.181 ng/ml
Diazepam	5.905	134043	1294.6	85.4	2590.8	236122	24.805 ng/ml
Dihydrocodeine	2.470	136505	1900.3	59.9	464.3	338635	27.684 ng/ml
Diphenhydramine	5.259	1177944	23460.6	32.4	4116.0	2134667	23.973 ng/ml
Doxylamine	4.521	1183688	141517.4	95.0	69862.0	1820130	25.362 ng/ml
Duloxetine	5.621	20101	281.1	9.6	109.9	37541	23.930 ng/ml
EDDP	5.216	660550	22817.9	42.9	619809.6	1267597	24.696 ng/ml
Fentanyl	5.115	35228	743.3	113.4	∞	694547	2.224 ng/ml
Flualprazolam	5.656	87052	∞	104.1	∞	317329	24.122 ng/ml
Fluoxetine	5.683	240254	32773.8	5.5	∞	293758	24.299 ng/ml
Hydrocodone	2.965	212804	24504.7	36.9	2330.4	422468	28.628 ng/ml
Hydromorphone	1.533	175539	393.0	73.3	356.7	223360	24.919 ng/ml
Hydroxyzine	5.703	293522	101468.7	117.6	26687.9	725282	26.620 ng/ml
Ketamine	4.047	354505	∞	37.7	1201.0	586714	26.147 ng/ml
Lamotrigine	4.248	34231	∞	90.3	1450.4	458105	26.592 ng/ml
Lorazepam	5.699	89873	∞	41.2	508.0	308192	26.412 ng/ml

AM #28 Multi-Drug Quant. Results

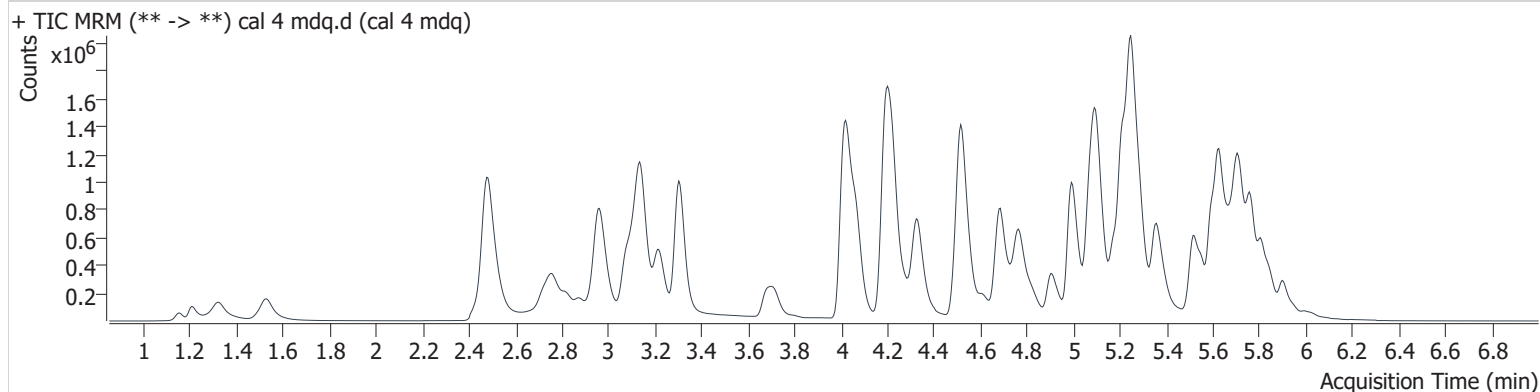
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.120	461836	8170.6	25.6	192.8	458105	28.048 ng/ml
MDMA	3.222	346811	60320.6	105.3	9755.3	137460	24.231 ng/ml
Meprobamate	4.833	127380	19609.6	34.9	1635.6	134420	26.097 ng/ml
Methadone	5.626	511415	777106.8	66.1	15846.4	929104	23.861 ng/ml
Methamphetamine	3.141	937784	∞	39.3	1432.3	1359428	25.918 ng/ml
Metoprolol	4.283	103234	∞	95.7	∞	1727939	27.453 ng/ml
Mirtazapine	4.686	794760	68408.6	48.3	∞	1727939	26.201 ng/ml
Mitragynine	5.250	113732	73370.3	30.2	53504.8	1727939	25.008 ng/ml
Morphine	1.167	26681	11648.0	24.2	719.8	14826	27.148 ng/ml
Norbuprenorphine	4.953	2538	1869.9	96.5	2012.4	18711	2.060 ng/ml
Nordiazepam	5.848	117405	∞	61.0	∞	153972	24.542 ng/ml
Norfentanyl	4.037	9827	760.6	262.2	1204.5	1074828	2.747 ng/ml
Noroxycodone	2.821	166352	2826.9	47.7	2001.9	208711	22.921 ng/ml
O-desmethyl-tramadol	3.308	886980	32729.7	6.4	4098.8	1446571	25.710 ng/ml
O-Desmethylvenlafaxine	4.015	235455	481.6	244.2	6022.7	331654	26.161 ng/ml
Olanzapine	4.674	314467	205.7	41.3	2539.7	322427	27.745 ng/ml
Oxazepam	5.700	177775	∞	69.9	367.2	308192	26.775 ng/ml
Oxycodone	2.759	460219	19022.2	29.7	10065.0	667964	28.395 ng/ml
Oxymorphone	1.325	262777	∞	44.4	∞	337610	23.641 ng/ml
Phentermine	3.714	136200	∞	14.1	661.4	647535	26.723 ng/ml
Promethazine	5.522	312988	14226.9	52.7	17493.2	725282	23.554 ng/ml
Pseudoephedrine	2.488	983478	9289.4	17.5	9406.6	1727939	24.854 ng/ml
Quetiapine	5.592	361900	599529.6	58.3	245076.3	221604	26.976 ng/ml
Sertraline	5.757	59009	164614.6	105.6	2927.8	88568	24.171 ng/ml
Temazepam	5.768	396966	18809.1	29.6	378.7	702985	25.412 ng/ml
Tramadol	4.201	980062	∞	3.4	375.5	1473631	26.063 ng/ml
Trazodone	5.361	588933	81508.3	62.2	∞	763205	24.298 ng/ml
Venlafaxine	4.997	572169	49273.4	55.7	16204.7	1766127	22.391 ng/ml
Zolpidem	5.100	927814	193894.5	29.6	∞	1475828	24.978 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 1:05:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	15691	4583.3	138.1	2703.9	79106	52.706 ng/ml
7-aminoclonazepam	4.206	87959	933.9	173.3	2751.6	156789	45.951 ng/ml
a-hydroxyalprazolam	5.641	53835	∞	55.2	∞	275256	44.058 ng/ml
alpha-PHP	4.905	294354	4053.8	254.2	6799.9	767075	49.713 ng/ml
alpha-PVP	4.332	993257	77689.2	54.6	7772.1	767075	47.624 ng/ml
Alprazolam	5.726	418832	∞	87.0	2478.8	301587	47.740 ng/ml
Amphetamine	2.962	606021	17269.0	275.8	15901.3	368625	51.039 ng/ml
Benzoylcegonine	3.798	18171	2343.4	60.6	313.4	10833	48.124 ng/ml
Buprenorphine	6.026	44347	∞	15.3	20026.4	114915	5.014 ng/ml
Bupropion	4.770	919495	∞	74.8	14747.2	525543	51.168 ng/ml
Carisoprodol	5.675	183863	256878.3	84.4	2877.2	151124	50.699 ng/ml
Citalopram	5.178	689798	15295.9	35.0	115902.0	526341	51.095 ng/ml
Clonazepam	5.557	229273	∞	33.4	∞	84366	51.560 ng/ml
Clonazepam	5.498	277427	25584.1	37.2	57715.5	84366	46.353 ng/ml
Cocaine	4.226	684679	109002.1	50.5	57836.7	995221	50.705 ng/ml
Codeine	2.516	88157	26026.2	93.1	4206.3	77228	43.343 ng/ml
Dextromethorphan	5.222	478614	30053467.7	75.4	8073.6	452542	48.009 ng/ml
Dextrorphan	4.072	598254	386520.8	44.3	225581.1	577263	48.926 ng/ml
Diazepam	5.905	255301	10290.9	82.8	9661.1	220015	50.653 ng/ml
Dihydrocodeine	2.470	222271	4955.3	64.9	1847.3	296959	52.813 ng/ml
Diphenhydramine	5.254	2230174	∞	30.7	12016.3	1990327	48.715 ng/ml
Doxylamine	4.521	1923048	91719.5	97.8	197551.3	1622514	46.430 ng/ml
Duloxetine	5.621	37475	370.6	11.9	124.0	34123	51.834 ng/ml
EDDP	5.211	1278118	225714.9	43.4	523144.8	1181827	50.965 ng/ml
Fentanyl	5.110	72075	58340.5	116.5	24005.9	686763	4.388 ng/ml
Flualprazolam	5.656	185857	3682.7	100.9	∞	301587	54.726 ng/ml
Fluoxetine	5.683	479226	8924.0	5.7	21837.8	282386	50.303 ng/ml
Hydrocodone	2.965	355400	∞	36.9	∞	370474	55.726 ng/ml
Hydromorphone	1.533	264607	341.6	74.2	544.6	181187	46.564 ng/ml
Hydroxyzine	5.703	603849	1425.3	123.8	111344.0	696588	56.931 ng/ml
Ketamine	4.047	621126	∞	36.6	5797.6	521712	51.884 ng/ml
Lamotrigine	4.248	57037	3486.9	92.2	4020.7	399449	51.416 ng/ml
Lorazepam	5.693	170966	∞	42.8	1223.2	275256	56.284 ng/ml

AM #28 Multi-Drug Quant. Results

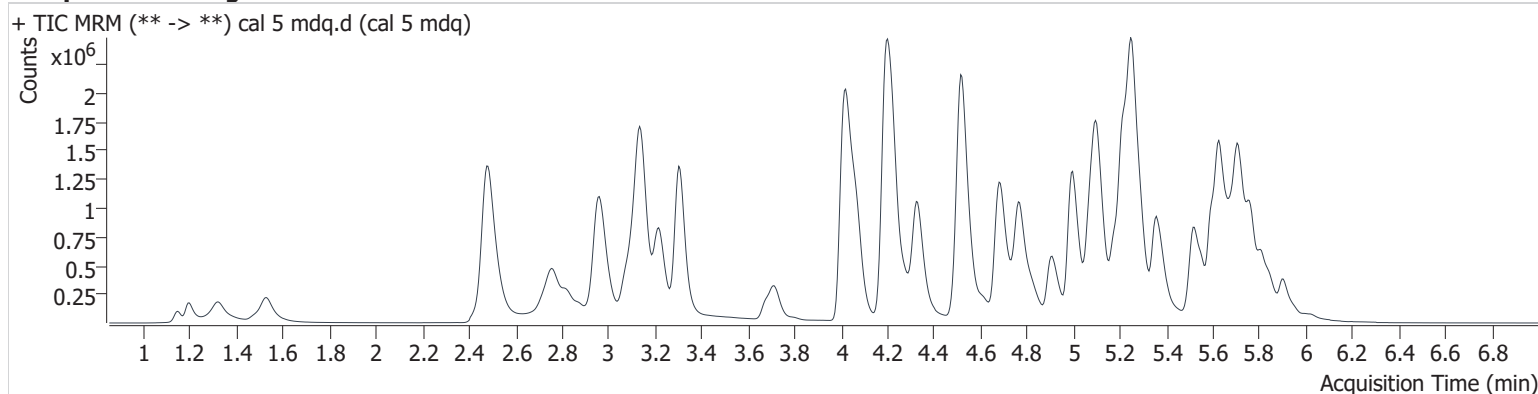
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.115	787621	2829.5	26.4	458.5	399449	55.697 ng/ml
MDMA	3.217	633045	78787.0	103.5	13421.1	119750	50.880 ng/ml
Meprobamate	4.828	223582	7282.9	34.2	2208.5	113981	54.324 ng/ml
Methadone	5.626	1004780	13886195.2	67.3	∞	933461	46.240 ng/ml
Methamphetamine	3.141	1586086	∞	39.2	∞	1253479	55.243 ng/ml
Metoprolol	4.283	171855	330409.4	99.8	∞	1544941	50.945 ng/ml
Mirtazapine	4.686	1336646	179586.0	49.6	32878.6	1544941	49.344 ng/ml
Mitragynine	5.250	236215	254916.2	29.1	41343.0	1544941	56.505 ng/ml
Morphine	1.157	41849	10714.0	26.6	3235.5	12926	49.779 ng/ml
Norbuprenorphine	4.953	4648	∞	105.7	6762.3	17802	4.340 ng/ml
Nordiazepam	5.848	212633	∞	63.8	∞	142063	48.214 ng/ml
Norfentanyl	4.037	16902	∞	270.0	961.7	949396	5.728 ng/ml
Noroxycodone	2.821	284098	3108.5	49.8	1730.3	158250	50.989 ng/ml
O-desmethyl-tramadol	3.308	1565893	308106.7	6.4	33307.8	1301043	50.502 ng/ml
O-Desmethylvenlafaxine	4.015	410713	1373.8	247.6	4506.2	286689	53.328 ng/ml
Olanzapine	4.674	539073	16642.6	43.7	76.3	352653	43.935 ng/ml
Oxazepam	5.706	299703	6008.3	69.8	1002.2	275256	50.738 ng/ml
Oxycodone	2.754	649556	30852.1	29.6	14066.3	539096	50.273 ng/ml
Oxymorphone	1.320	448197	∞	45.7	∞	244245	55.265 ng/ml
Phentermine	3.720	234045	8177.5	12.7	939.5	594059	51.008 ng/ml
Promethazine	5.522	602380	641323.3	52.2	47399.0	696588	46.797 ng/ml
Pseudoephedrine	2.483	1722750	14492.6	17.4	7731.4	1544941	48.864 ng/ml
Quetiapine	5.592	722236	412434.3	57.5	995512.8	230085	53.076 ng/ml
Sertraline	5.757	110472	108401.1	108.7	6385.5	88572	45.629 ng/ml
Temazepam	5.768	709546	∞	31.0	666.2	666899	47.930 ng/ml
Tramadol	4.196	1769105	∞	3.3	571.8	1367408	50.968 ng/ml
Trazodone	5.355	1228407	∞	58.6	18058271.6	758405	50.769 ng/ml
Venlafaxine	4.992	1051725	35303.4	54.6	8496.6	1631726	44.096 ng/ml
Zolpidem	5.100	1726987	280901.0	29.5	115148.7	1392245	49.403 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 1:14:20 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	24011	17359.0	136.0	1923.0	64352	99.567 ng/ml
7-aminoclonazepam	4.206	149783	3106.6	161.5	5219.8	125278	99.071 ng/ml
a-hydroxyalprazolam	5.646	78051	1812.1	42.6	1647.5	178075	97.627 ng/ml
alpha-PHP	4.910	518824	2089.1	255.4	8157.5	675443	99.603 ng/ml
alpha-PVP	4.332	1712443	1378006.4	53.7	18949.9	675443	93.299 ng/ml
Alprazolam	5.726	575484	∞	90.7	∞	219525	89.649 ng/ml
Amphetamine	2.963	940949	27222.0	270.3	33231.6	317973	92.730 ng/ml
Benzoylcegonine	3.798	32012	1998.9	60.1	639.6	9047	102.449 ng/ml
Buprenorphine	6.026	71772	2497.7	16.5	9405.2	93546	9.958 ng/ml
Bupropion	4.770	1638111	64444.4	73.9	70831.5	432974	110.683 ng/ml
Carisoprodol	5.675	254996	292986.2	85.1	6132.6	103666	102.129 ng/ml
Citalopram	5.178	1067612	24907.0	33.0	9390.5	433845	96.062 ng/ml
Clonazepam	5.562	278652	303841.7	34.4	156523.1	54373	97.035 ng/ml
Clonazepam	5.498	442750	145084.3	38.0	24191.3	54373	113.792 ng/ml
Cocaine	4.226	1195015	319621.8	49.6	85603.5	851701	103.134 ng/ml
Codeine	2.516	148928	10324.2	89.5	4934.2	60460	92.864 ng/ml
Dextromethorphan	5.222	780921	18178.3	71.8	36966.1	358970	98.094 ng/ml
Dextrorphan	4.072	977892	26416.3	44.8	8320.6	494697	92.584 ng/ml
Diazepam	5.905	407287	4946.0	85.2	11673.9	176371	100.760 ng/ml
Dihydrocodeine	2.465	365735	4995.8	65.9	1281.9	254281	103.002 ng/ml
Diphenhydramine	5.254	3264970	41001.2	31.5	∞	1542720	92.042 ng/ml
Doxylamine	4.521	3347004	∞	99.0	43615.9	1453504	90.445 ng/ml
Duloxetine	5.626	58387	∞	9.4	322.3	25386	111.418 ng/ml
EDDP	5.216	1892805	62524.1	43.5	439058.8	973130	91.449 ng/ml
Fentanyl	5.115	125107	1451.0	111.4	129268.4	491734	10.353 ng/ml
Flualprazolam	5.656	279959	7160.6	100.9	∞	219525	113.710 ng/ml
Fluoxetine	5.683	800288	2295260.5	5.7	40623.5	222062	106.704 ng/ml
Hydrocodone	2.965	494225	∞	40.7	2189.9	297043	97.629 ng/ml
Hydromorphone	1.528	451853	460.3	74.3	425.6	153323	94.273 ng/ml
Hydroxyzine	5.703	913263	313248.8	121.2	747.1	560741	106.893 ng/ml
Ketamine	4.047	1040719	12637.9	37.4	3967.1	455512	99.914 ng/ml
Lamotrigine	4.248	93547	28205.3	91.9	4446.8	335345	101.076 ng/ml
Lorazepam	5.699	200128	12443.7	43.2	885.5	178075	101.860 ng/ml

AM #28 Multi-Drug Quant. Results

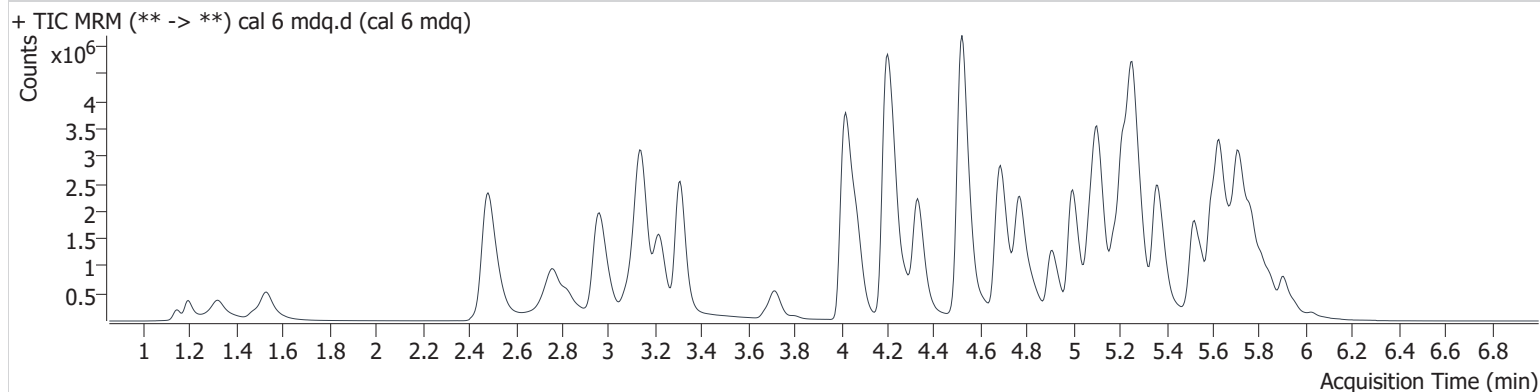
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.115	1244676	24460.5	25.1	852.9	335345	105.618 ng/ml
MDMA	3.217	1154761	1579572.6	97.2	11250.7	98454	113.011 ng/ml
Meprobamate	4.828	370188	26564.9	34.0	2797.6	94320	108.977 ng/ml
Methadone	5.626	1669294	47121.1	67.3	15020.5	681977	104.588 ng/ml
Methamphetamine	3.141	2603094	85456.3	37.1	12219.3	1073933	114.276 ng/ml
Metoprolol	4.283	291052	290680.2	96.9	∞	1327073	100.253 ng/ml
Mirtazapine	4.686	2060269	3116157.5	52.7	81816.8	1327073	88.595 ng/ml
Mitragynine	5.255	360804	1758021.3	29.5	82639.4	1327073	99.543 ng/ml
Morphine	1.147	74292	22018.7	26.4	7414.6	11679	98.945 ng/ml
Norbuprenorphine	4.948	7977	∞	98.8	5966.2	13875	10.042 ng/ml
Nordiazepam	5.848	308952	19165.4	61.3	119026.3	109445	90.969 ng/ml
Norfentanyl	4.032	23351	12249.1	284.7	777.9	766197	10.091 ng/ml
Noroxycodone	2.821	473783	13152.0	49.3	1689.2	127237	105.212 ng/ml
O-desmethyl-tramadol	3.308	2686786	127164.0	6.7	14058.2	1162384	97.025 ng/ml
O-Desmethylvenlafaxine	4.015	673723	4306.8	268.1	6389.0	257382	97.874 ng/ml
Olanzapine	4.674	839680	17661.4	46.9	1457.9	331991	73.214 ng/ml
Oxazepam	5.700	354643	16504.7	71.8	2497.9	178075	92.989 ng/ml
Oxycodone	2.759	1031785	∞	32.9	24136.5	448393	96.759 ng/ml
Oxymorphone	1.320	770465	∞	45.8	∞	209784	110.261 ng/ml
Phentermine	3.714	394705	∞	11.5	3766.5	505379	102.189 ng/ml
Promethazine	5.522	1083460	85764.2	50.5	18450.1	560741	104.067 ng/ml
Pseudoephedrine	2.483	2996044	21581.9	16.9	65875.9	1327073	99.112 ng/ml
Quetiapine	5.597	981024	118310.9	55.5	760615.3	193655	86.472 ng/ml
Sertraline	5.752	167843	6974.7	108.6	10098.0	65651	93.986 ng/ml
Temazepam	5.768	896296	262232.4	32.8	2190.6	447665	90.246 ng/ml
Tramadol	4.196	3048821	∞	3.4	810.2	1172978	102.682 ng/ml
Trazodone	5.355	1741248	419961.2	56.1	∞	573892	94.918 ng/ml
Venlafaxine	4.997	1926812	139016.6	51.2	6552.2	1430898	91.629 ng/ml
Zolpidem	5.100	2511095	163886.3	29.9	251249.7	1127252	88.817 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

Instrument 69679 Data File cal 6 mdq.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 9/28/2022 1:23:22 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.081	64400	∞	133.2	11753.3	68261	252.483 ng/ml
7-aminoclonazepam	4.206	386042	∞	134.9	∞	114431	281.382 ng/ml
a-hydroxyalprazolam	5.646	128190	14701.9	51.6	1096.2	105515	269.019 ng/ml
alpha-PHP	4.910	1169569	78900.1	258.0	∞	597502	253.962 ng/ml
alpha-PVP	4.332	4282031	505045.2	52.5	50110.6	597502	263.832 ng/ml
Alprazolam	5.726	1349778	1880.5	90.9	7590.7	175113	262.579 ng/ml
Amphetamine	2.957	1820027	39897.0	264.6	172660.6	317363	180.718 ng/ml
Benzoylcegonine	3.798	82689	∞	56.2	2087.3	9583	251.050 ng/ml
Buprenorphine	6.026	194610	64939.9	15.8	40516.2	99769	25.300 ng/ml
Bupropion	4.770	3812104	∞	74.3	69885.3	465501	239.611 ng/ml
Carisoprodol	5.675	512775	586988.6	77.8	13654.3	79872	265.967 ng/ml
Citalopram	5.178	2407431	26216.4	36.5	9645408.1	372125	252.770 ng/ml
Clonazepam	5.562	720833	1261175.7	33.9	∞	50593	269.376 ng/ml
Clonazepam	5.498	870586	412357.7	37.5	127829.6	50593	239.721 ng/ml
Cocaine	4.226	2670631	101639.6	50.6	138560.6	800242	244.937 ng/ml
Codeine	2.521	343832	15884.7	93.1	12400.7	48491	266.241 ng/ml
Dextromethorphan	5.222	1606922	136635.8	73.3	5097809.7	301184	239.677 ng/ml
Dextrorphan	4.072	2019115	245530.6	44.9	∞	406869	231.201 ng/ml
Diazepam	5.905	1081903	11676.8	85.2	5110.2	193130	244.362 ng/ml
Dihydrocodeine	2.465	833386	8181.6	61.5	1239.3	246335	244.501 ng/ml
Diphenhydramine	5.259	8278087	494460.3	30.4	131342.2	1402634	256.734 ng/ml
Doxylamine	4.521	9425646	233404.6	93.2	∞	1378914	268.980 ng/ml
Duloxetine	5.621	108711	8318.4	12.3	858.7	21065	253.247 ng/ml
EDDP	5.216	4632628	386152.0	44.2	184345.8	892221	243.670 ng/ml
Fentanyl	5.115	255251	8829.0	118.9	∞	465210	22.096 ng/ml
Flualprazolam	5.656	512219	8405.2	99.2	6087.8	175113	261.367 ng/ml
Fluoxetine	5.683	1533425	79121.9	6.2	∞	181772	249.626 ng/ml
Hydrocodone	2.965	1208466	∞	38.0	∞	289927	246.582 ng/ml
Hydromorphone	1.528	1293231	745.2	73.5	913.4	161332	256.941 ng/ml
Hydroxyzine	5.703	2415084	627472.0	120.0	562250.6	648802	244.205 ng/ml
Ketamine	4.047	2078423	19279.8	36.7	16649.7	369404	246.601 ng/ml
Lamotrigine	4.253	186388	29249.3	88.2	7617.7	268486	252.522 ng/ml
Lorazepam	5.699	255065	∞	44.6	491.7	105515	219.123 ng/ml

AM #28 Multi-Drug Quant. Results

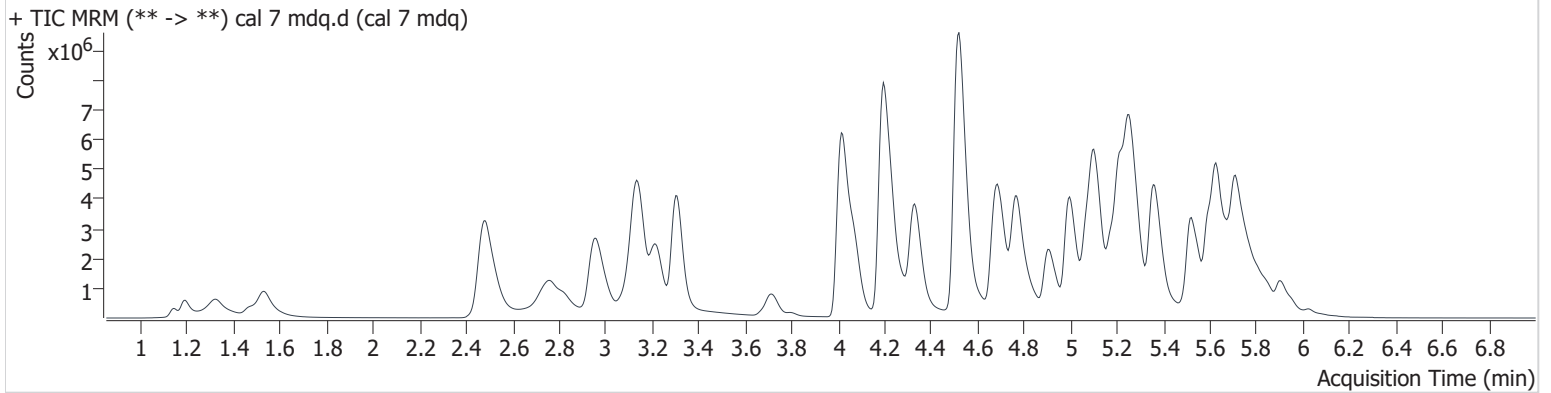
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.115	2187516	53214.3	25.0	756.7	268486	232.896 ng/ml
MDMA	3.222	2339196	151789.8	103.1	87413.0	92962	242.567 ng/ml
Meprobamate	4.833	765951	10139.1	33.2	18574.4	90066	236.467 ng/ml
Methadone	5.631	4252557	144281.1	61.7	102281.2	736054	246.266 ng/ml
Methamphetamine	3.141	5300815	∞	38.7	23597.4	1075381	241.935 ng/ml
Metoprolol	4.283	613104	∞	96.6	∞	1098764	254.761 ng/ml
Mirtazapine	4.686	5111101	828684.2	49.3	617827.8	1098764	265.586 ng/ml
Mitragynine	5.255	742670	22063.8	32.7	3612.1	1098764	245.690 ng/ml
Morphine	1.142	170506	70646.0	22.9	2408.4	10129	263.765 ng/ml
Norbuprenorphine	4.948	20571	18930.3	100.0	105372.0	13416	27.462 ng/ml
Nordiazepam	5.848	775825	∞	61.5	∞	104783	238.665 ng/ml
Norfentanyl	4.032	40560	1980.2	262.3	3096.8	607915	22.567 ng/ml
Noroxycodone	2.821	943057	22340.2	45.9	∞	119375	222.645 ng/ml
O-desmethyl-tramadol	3.308	6455893	1109174.4	6.2	265878.7	1064581	254.615 ng/ml
O-Desmethylvenlafaxine	4.015	1439982	3963.5	277.9	13691.9	226389	238.584 ng/ml
Olanzapine	4.674	2160766	26356.1	44.7	28154.9	258126	244.145 ng/ml
Oxazepam	5.700	587941	∞	76.1	6116.9	105515	260.574 ng/ml
Oxycodone	2.759	2740229	70283.4	29.6	12237.0	463170	250.067 ng/ml
Oxymorphone	1.315	1810287	∞	44.7	∞	230761	235.125 ng/ml
Phentermine	3.720	823359	∞	12.1	4893.6	481798	224.897 ng/ml
Promethazine	5.522	2985220	229788.5	48.8	67491.7	648802	247.260 ng/ml
Pseudoephedrine	2.483	6408222	∞	16.5	153181.7	1098764	256.322 ng/ml
Quetiapine	5.597	2279261	624481.2	58.1	∞	162266	242.123 ng/ml
Sertraline	5.752	387417	830528.2	100.0	∞	55505	257.348 ng/ml
Temazepam	5.773	2162180	25235.0	30.1	7092.4	383984	253.914 ng/ml
Tramadol	4.196	6648974	∞	3.0	1109.2	1014768	259.276 ng/ml
Trazodone	5.363	4881855	200224.2	61.8	85566.9	616764	247.278 ng/ml
Venlafaxine	4.997	4456845	183940.4	52.1	28264.3	1180705	256.031 ng/ml
Zolpidem	5.100	6338078	178749.3	29.6	864535.2	1014927	249.207 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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 9/28/2022 1:32:24 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.076	124755	73199.3	135.4	439323.9	66755	500.620 ng/ml
7-aminoclonazepam	4.200	464385	19198.9	137.0	∞	86391	448.945 ng/ml
a-hydroxyalprazolam	5.641	105081	3598.8	56.5	340.8	41373	561.436 ng/ml
alpha-PHP	4.910	2250084	6475.4	252.8	∞	571223	511.158 ng/ml
alpha-PVP	4.332	8142995	747041.6	52.2	111931.9	571223	524.856 ng/ml
Alprazolam	5.726	1913788	7616.9	94.0	4696.2	123904	525.640 ng/ml
Amphetamine	2.952	2661786	39120.0	260.1	139186.2	315652	266.238 ng/ml
Benzoylcegonine	3.798	189189	44345.3	54.2	2890.6	10995	501.490 ng/ml
Buprenorphine	6.026	411679	308708.0	15.8	37603.7	107088	49.851 ng/ml
Bupropion	4.770	7603959	683005.3	69.6	∞	471904	471.496 ng/ml
Carisoprodol	5.675	559260	∞	82.9	8176.4	47611	486.327 ng/ml
Citalopram	5.178	3890370	369509.8	38.8	∞	301039	505.065 ng/ml
Clonazepam	5.562	901027	∞	33.8	102827.0	34206	497.837 ng/ml
Clonazepam	5.498	1229855	265251.2	37.9	75140.6	34206	500.156 ng/ml
Cocaine	4.226	4596916	203890.0	49.6	385578.4	691328	487.762 ng/ml
Codeine	2.521	531078	26660.4	93.2	80968.1	35979	553.613 ng/ml
Dextromethorphan	5.222	2470894	129654.4	62.5	652432.3	209024	530.278 ng/ml
Dextrorphan	4.072	3841245	∞	44.8	193425.2	352872	506.181 ng/ml
Diazepam	5.910	1960666	∞	85.9	∞	170047	502.907 ng/ml
Dihydrocodeine	2.460	1391725	2953.9	62.1	5444.1	247920	406.780 ng/ml
Diphenhydramine	5.259	12668621	228383.7	29.4	55998.5	1096100	502.813 ng/ml
Doxylamine	4.521	18506556	568821.3	96.2	∞	1338097	544.492 ng/ml
Duloxetine	5.621	151911	∞	13.3	172.6	16545	452.625 ng/ml
EDDP	5.216	9052004	139534.7	42.0	166351.5	814959	520.958 ng/ml
Fentanyl	5.120	431971	13177.0	117.3	∞	338367	51.147 ng/ml
Flualprazolam	5.656	655803	7426.0	101.8	∞	123904	473.285 ng/ml
Fluoxetine	5.683	2489940	∞	6.5	238198.2	154779	475.929 ng/ml
Hydrocodone	2.959	2131756	∞	38.0	∞	270788	466.902 ng/ml
Hydromorphone	1.533	2643258	3057.0	72.9	3624.2	156800	540.678 ng/ml
Hydroxyzine	5.703	4432015	1776697.0	121.4	930.3	685295	424.227 ng/ml
Ketamine	4.047	3321052	9619.6	37.3	10429.0	290670	501.157 ng/ml
Lamotrigine	4.248	251196	13096.6	86.6	40962.6	208408	438.919 ng/ml
Lorazepam	5.699	206768	7901.0	41.7	562.7	41373	453.054 ng/ml

AM #28 Multi-Drug Quant. Results

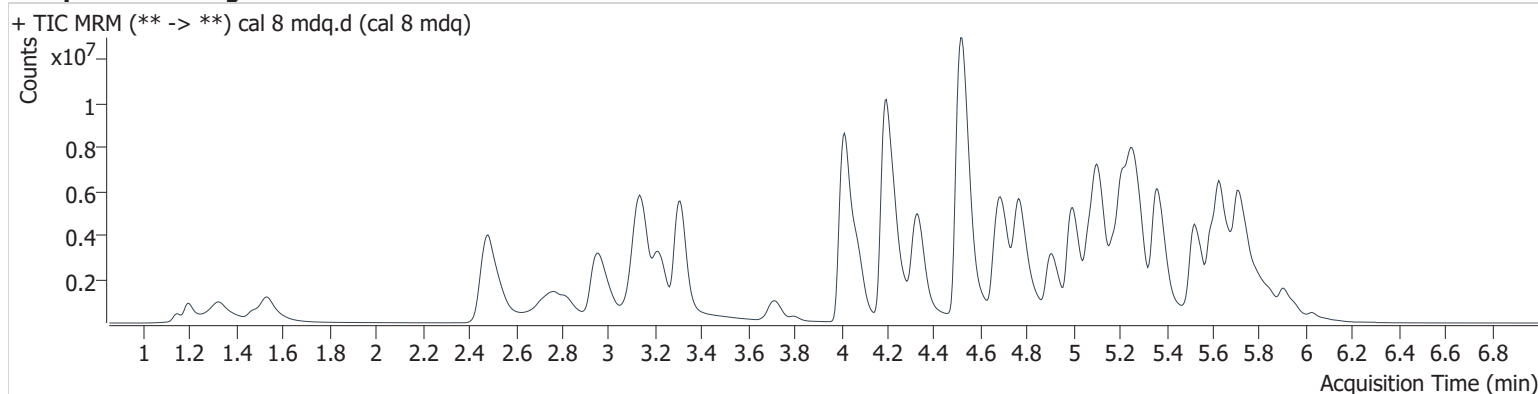
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.104	2812669	104572.1	27.0	1259.8	208408	386.355 ng/ml
MDMA	3.217	3921585	859625.3	101.6	126630.4	80106	472.016 ng/ml
Meprobamate	4.833	1155313	151899.1	33.3	4152.4	72367	444.152 ng/ml
Methadone	5.626	8351686	2786701.1	58.2	373299.0	716083	496.685 ng/ml
Methamphetamine	3.141	9175331	∞	37.8	∞	1136184	402.254 ng/ml
Metoprolol	4.283	958060	479651.8	99.3	7731.9	934734	467.794 ng/ml
Mirtazapine	4.686	8459763	202740.0	47.9	79626.2	934734	516.794 ng/ml
Mitragynine	5.255	1251344	∞	33.3	∞	934734	485.437 ng/ml
Morphine	1.142	288893	104158.5	23.1	28980.1	9037	502.001 ng/ml
Norbuprenorphine	4.953	38527	∞	98.4	39159.4	13093	53.071 ng/ml
Nordiazepam	5.853	1109503	∞	60.8	277912.8	64431	555.125 ng/ml
Norfentanyl	4.032	61602	14426.4	263.1	7900.9	463148	45.385 ng/ml
Noroxycodone	2.821	1375891	∞	45.9	∞	74729	518.220 ng/ml
O-desmethyl-tramadol	3.308	12015372	1029372.1	6.0	198538.1	999244	504.899 ng/ml
O-Desmethylvenlafaxine	4.015	2737876	1556.2	243.9	20218.6	206268	498.450 ng/ml
Olanzapine	4.669	3903931	3964.3	46.1	63795.1	268507	424.637 ng/ml
Oxazepam	5.700	440917	853249.1	76.5	3194.0	41373	498.577 ng/ml
Oxycodone	2.759	4438087	∞	29.5	26496.0	416320	451.248 ng/ml
Oxymorphone	1.320	3406738	∞	44.7	∞	216208	471.909 ng/ml
Phentermine	3.714	1370028	3782.8	11.4	16449.6	498313	362.480 ng/ml
Promethazine	5.522	6434537	719557.6	45.6	266269.4	685295	504.162 ng/ml
Pseudoephedrine	2.483	10560004	41297.5	16.5	∞	934734	496.677 ng/ml
Quetiapine	5.592	3428463	1029648.8	61.6	∞	153745	385.167 ng/ml
Sertraline	5.752	644679	601928.7	97.0	581924.3	44646	532.866 ng/ml
Temazepam	5.778	2380580	46038.5	31.2	∞	193828	553.896 ng/ml
Tramadol	4.196	11692788	∞	3.2	19954.7	938646	493.190 ng/ml
Trazodone	5.355	9144534	712902.6	62.9	232388.3	563974	506.329 ng/ml
Venlafaxine	4.997	8719804	1338393.6	48.6	23439.8	1067389	553.572 ng/ml
Zolpidem	5.110	11395943	389205.9	29.5	∞	872143	521.569 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\092822\QuantResults\mdq.batch.bin
Calibration Last Update 9/30/2022 12:10:19 PM

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	9/28/2022 1:50:22 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.076	198984	24426.2	136.3	73169.8	60584	880.169 ng/ml
7-aminoclonazepam	4.200	492926	∞	132.8	144617.9	61768	666.992 ng/ml
a-hydroxyalprazolam	5.646	99930	3026.8	51.1	149.5	15964	1382.437 ng/ml
alpha-PHP	4.905	3224915	17387.6	256.8	24765.3	427019	980.100 ng/ml
alpha-PVP	4.332	11443640	701023.9	52.3	1003830.1	427019	986.734 ng/ml
Alprazolam	5.726	2274565	12400.7	92.1	17033.2	70702	1094.267 ng/ml
Amphetamine	2.947	3356905	63315.1	252.7	115912.1	253360	418.933 ng/ml
Benzoylcegonine	3.798	341772	63048.8	54.8	7286.1	9986	998.238 ng/ml
Buprenorphine	6.026	710179	∞	15.8	∞	92239	99.832 ng/ml
Bupropion	4.772	11131429	163515.2	67.8	162086.7	353569	921.260 ng/ml
Carisoprodol	5.675	544719	1025224.7	81.6	90593.9	23477	960.280 ng/ml
Citalopram	5.178	4865839	8626.2	38.3	195831.3	187575	1013.965 ng/ml
Clonazepam	5.562	936928	∞	33.9	198668.6	19170	923.501 ng/ml
Clonazepam	5.493	1384272	∞	39.1	90419.1	19170	1003.808 ng/ml
Cocaine	4.226	6612851	294576.3	47.4	100488.2	476442	1017.841 ng/ml
Codeine	2.521	725089	59100.4	93.3	63118.9	26029	1044.304 ng/ml
Dextromethorphan	5.222	2707097	72480.7	72.5	6339767.5	123319	984.204 ng/ml
Dextrorphan	4.072	5507928	∞	44.6	370197.6	250674	1020.887 ng/ml
Diazepam	5.910	2629494	∞	84.9	∞	113022	1014.711 ng/ml
Dihydrocodeine	2.460	2043843	6854.4	63.2	3111.6	218431	679.132 ng/ml
Diphenhydramine	5.270	16006268	141887.5	29.1	148520.8	628893	1107.279 ng/ml
Doxylamine	4.521	27402066	346699.7	96.7	1252895.7	1107763	974.045 ng/ml
Duloxetine	5.632	166984	∞	13.4	50.4	8480	973.696 ng/ml
EDDP	5.216	13705169	241089.5	41.0	85513.4	607598	1057.666 ng/ml
Fentanyl	5.125	520429	34052.4	122.7	954701.4	203697	102.159 ng/ml
Flualprazolam	5.662	690151	12529.8	94.1	4275.3	70702	873.234 ng/ml
Fluoxetine	5.683	3054668	13952870.1	6.0	186335.1	92618	975.624 ng/ml
Hydrocodone	2.959	3254271	∞	39.4	659102.3	226775	852.190 ng/ml
Hydromorphone	1.528	3775203	2572.3	72.8	2933.6	118970	1018.032 ng/ml
Hydroxyzine	5.703	6286194	1883954.1	119.7	3006340.5	472706	872.228 ng/ml
Ketamine	4.042	4382872	∞	37.3	26368.0	206246	932.443 ng/ml
Lamotrigine	4.248	290629	64328.0	83.3	∞	151719	697.950 ng/ml
Lorazepam	5.699	179164	∞	38.6	554.9	15964	1017.451 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.099	3491941	134752.8	26.4	2067.0	151719	659.502 ng/ml
MDMA	3.217	5411666	435727.6	104.5	554479.6	53678	972.166 ng/ml
Meprobamate	4.833	1497960	574207.4	31.8	3651.0	44298	941.092 ng/ml
Methadone	5.631	11803590	145212.4	57.5	1312990.4	465108	1080.245 ng/ml
Methamphetamine	3.136	12463716	∞	37.8	∞	961386	651.358 ng/ml
Metoprolol	4.283	1216335	∞	99.2	∞	621800	892.616 ng/ml
Mirtazapine	4.694	10402328	232298.4	47.9	1330868.5	621800	955.328 ng/ml
Mitragynine	5.255	1621367	32807.1	33.8	∞	621800	944.393 ng/ml
Morphine	1.147	404710	10366.7	24.3	3112.7	7330	867.792 ng/ml
Norbuprenorphine	4.948	58737	228739.8	89.3	86470.9	9384	113.352 ng/ml
Nordiazepam	5.853	1263080	∞	56.0	∞	38417	1059.948 ng/ml
Norfentanyl	4.027	62540	6392.2	278.5	6971.8	283326	75.583 ng/ml
Noroxycodone	2.821	1958662	∞	46.8	9304.4	50037	1101.194 ng/ml
O-desmethyl-tramadol	3.308	18085459	2862764.4	6.2	106584.7	790827	960.289 ng/ml
O-Desmethylvenlafaxine	4.010	3924328	1786.7	253.6	317606.3	154742	952.827 ng/ml
Olanzapine	4.669	6385391	76922.0	47.9	482.9	268317	695.545 ng/ml
Oxazepam	5.700	320889	1100.2	79.2	22038.1	15964	940.601 ng/ml
Oxycodone	2.764	6013241	∞	29.7	∞	339778	749.677 ng/ml
Oxymorphone	1.320	5775570	∞	44.3	∞	176832	977.820 ng/ml
Phentermine	3.720	1922984	17651.7	11.5	12098.8	389348	652.040 ng/ml
Promethazine	5.522	9555294	380020.4	45.1	1762397.2	472706	1084.919 ng/ml
Pseudoephedrine	2.484	14335524	∞	16.6	80094.2	621800	1013.771 ng/ml
Quetiapine	5.592	4246828	∞	59.9	∞	107374	684.177 ng/ml
Sertraline	5.752	944840	1478064.0	96.2	935383.3	33387	1044.757 ng/ml
Temazepam	5.784	2307036	68535.7	30.9	70672.9	104137	999.156 ng/ml
Tramadol	4.191	15983039	∞	3.3	∞	719049	880.255 ng/ml
Trazodone	5.362	13009446	48453683.5	63.6	249544.1	392855	1033.865 ng/ml
Venlafaxine	4.997	12582300	822965.6	47.0	71333.7	730257	1167.043 ng/ml
Zolpidem	5.111	16184763	328350.5	28.4	237765.8	599232	1078.233 ng/ml