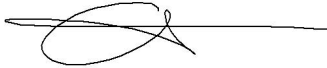


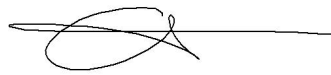
REVIEWED
By Sarah Collins at 3:53 pm, Aug 10, 2022



Worklist: 6057

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-1528	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1535	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1538	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1564	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1565	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1568	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1569	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1584	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1596	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1611	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1621	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1625	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1632	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1634	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1636	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1660	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1661	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1667	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1679	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1680	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1700	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

Worklist: 6057



<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2022-1707	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date 8/4/22

Analyst: Anne Nord

Plate lot#: 220324

Plate re-test: 9/24/22

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

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

Blank Blood Lot: 22B52016-1 **Urine Blank lot:** 7722

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 390993 or 250µL hydrolyzed urine in wells of analytical (standards) plate. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 3. Pipette 250µL 00.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 15. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

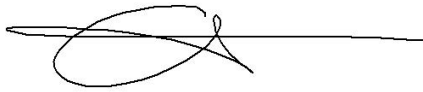
Post-Analytic

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

COMMENTS: Put plate in backwards, did not evaluate these injections. Turned plate to correct orientation; samples re-injected and evaluated on 8/5/22

Curve limits: Dihydrocodeine 5-500, MDA 10-1000, Methamphetamine 10-1000

Did not evaluate- Norhydrocodone – due to rising ratios.



	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1	1564-1	1679-1	1625-1			
B					IS + Cal. 2	IS + QC_2	1611-1	1568-1	negative urine			
C					IS + Cal. 3	IS + QC 3	1565-1	1634-1	1700-1			
D					IS + Cal. 4	IS + QC_4	1632-1	1621-1	1528-1-sle and collection plate			
E					IS + Cal. 5	Urine QC 2	1569-1	1680-1				
F					IS + Cal. 6	negative blood	1636-1	1660-1				
G				1528-1 mixing plate - see D9	IS + Cal. 7	1535-1	1584-2	1707-2				
H				1538-1	IS + Cal. 8	1596-1	1667-1	1661-1				

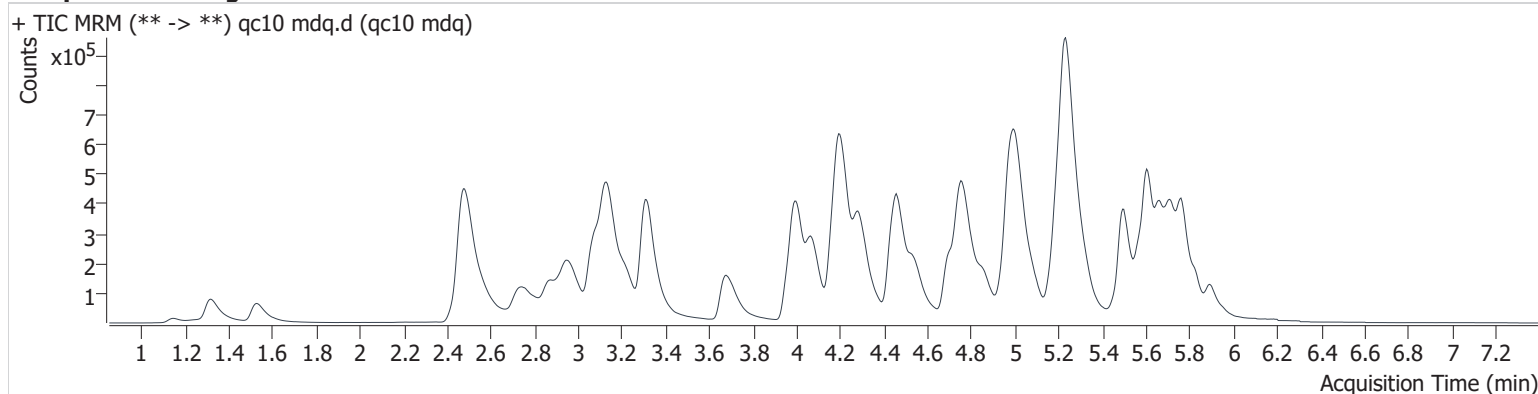
c2022-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-A6	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 10:37:28 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.090	3244	2288.0	134.3	7779.5	78801	1.102 ng/ml
7-aminoclonazepam	4.218	49713	6365.2	66.9	776.1	189132	10.204 ng/ml
a-hydroxyalprazolam	5.649	11246	∞	50.1	∞	747566	9.425 ng/ml
alpha-PHP	4.863	66829	691.5	248.6	3222.3	820274	10.359 ng/ml
alpha-PVP	4.297	221957	65876.9	52.2	5372.3	820274	9.704 ng/ml
Alprazolam	5.728	100790	881.3	86.3	1074.3	377928	10.067 ng/ml
Amphetamine	2.956	146520	3732.9	276.0	6357.3	586654	10.281 ng/ml
Benzoylcegonine	3.846	5728	5216.4	49.9	89.4	16124	9.788 ng/ml
Buprenorphine	5.626	6909	143.4	11.9	35.0	94876	1.183 ng/ml
Bupropion	4.717	162957	2326.5	74.3	2621.8	925810	9.635 ng/ml
Carisoprodol	5.683	54620	∞	74.5	389.2	243128	9.982 ng/ml
Citalopram	5.173	144897	2648.0	36.8	412.1	657889	10.049 ng/ml
Clonazepam	5.571	56111	1676.3	33.1	13256.3	103392	10.389 ng/ml
Clonazepam	5.523	54614	4672.2	36.7	3140.5	747566	9.288 ng/ml
Cocaine	4.202	151827	23105.1	51.2	3633.1	1214485	10.164 ng/ml
Codeine	2.508	21397	2212.2	87.4	2660.6	98986	9.979 ng/ml
Cyclobenzaprine	5.578	142523	1287.1	9.4	3765.7	439208	9.590 ng/ml
Dextromethorphan	5.211	111858	955.0	80.2	2185.5	468376	10.074 ng/ml
Dextrophan	4.074	142462	13378.7	46.0	4672.3	674637	10.272 ng/ml
Diazepam	5.902	55862	827.6	87.2	1003.2	241099	10.723 ng/ml
Dihydrocodeine	2.472	55800	1349.8	57.1	491.4	313934	10.558 ng/ml
Diphenhydramine	5.238	498222	14012.7	29.3	2742.1	2519843	10.373 ng/ml
Doxylamine	4.461	435655	28485.2	74.9	4569.2	1638602	9.876 ng/ml
EDDP	5.206	231177	2514.4	39.6	9694.1	1164787	9.845 ng/ml
Etizolam	5.764	42403	∞	23.4	23559.1	241099	10.731 ng/ml
Fentanyl	5.032	15863	1706.9	114.1	22500.8	780624	1.105 ng/ml
Flualprazolam	5.659	40603	14490.5	103.4	7714.3	377928	10.327 ng/ml
Fluoxetine	5.665	113378	17534.6	6.1	6674.9	373059	10.497 ng/ml
Hydrocodone	2.953	59971	∞	39.6	1504.4	346293	9.904 ng/ml
Hydromorphone	1.533	58127	586.2	72.5	772.1	178812	9.720 ng/ml
Ketamine	3.982	144136	70132.3	36.8	1108.9	737578	10.096 ng/ml
Lamotrigine	4.229	13155	26604.6	92.2	846.6	482371	10.098 ng/ml
Levetiracetam	2.567	30519	762.8	162.1	1999.6	178812	9.051 ng/ml

AM #28 Multi-Drug Quant. Results

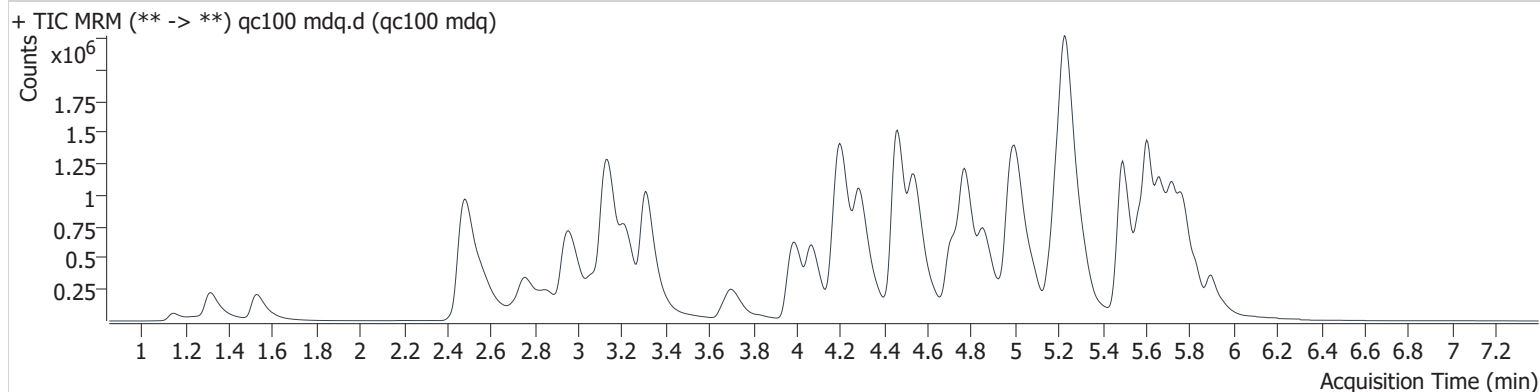
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.701	39927	∞	41.6	∞	402172	10.701 ng/ml
MDA	3.129	184051	3371.5	29.9	883.6	482371	10.486 ng/ml
MDMA	3.226	141082	4985.3	102.5	2597.5	146702	9.411 ng/ml
Meprobamate	4.868	47219	798.6	31.0	386.9	136496	10.526 ng/ml
Methadone	5.613	233309	1871.3	62.4	1660.4	1118483	9.769 ng/ml
Methamphetamine	3.140	736957	∞	39.9	3473.2	1279671	13.351 ng/ml
Metoprolol	4.270	36539	2519.2	96.4	∞	586654	10.548 ng/ml
Mirtazapine	4.545	298937	2914.7	51.3	8570.1	1118483	8.922 ng/ml
Mitragynine	5.156	49762	58291.2	30.1	14444.8	1887651	10.481 ng/ml
Morphine	1.152	9014	855.7	23.5	283.1	12461	10.192 ng/ml
Norbuprenorphine	4.942	846	590.4	97.3	414.2	25964	0.886 ng/ml
Nordiazepam	5.840	43599	8084.5	56.9	6455.8	162134	10.213 ng/ml
Norfentanyl	4.018	4544	924.2	268.1	568.6	1380264	0.938 ng/ml
Norhydrocodone	3.005	5900	616.0	20.2	∞	101610	9.144 ng/ml NE
Noroxycodone	2.845	48122	3548.2	44.3	363.0	153165	10.147 ng/ml
O-desmethyl-tramadol	3.317	348933	4153.1	5.8	2286.7	1488441	9.886 ng/ml
Oxazepam	5.708	72578	936.0	73.9	368.9	402172	9.583 ng/ml
Oxycodone	2.757	139813	1621.6	29.3	1366.5	548217	10.429 ng/ml
Oxymorphone	1.320	88749	∞	44.1	∞	314885	9.841 ng/ml
Phentermine	3.710	52032	∞	13.1	122.2	741401	9.662 ng/ml
Promethazine	5.493	195590	2072.7	41.8	3913.9	988474	9.976 ng/ml
Pseudoephedrine	2.491	380379	5374.7	17.2	2789.6	1887651	9.848 ng/ml
Quetiapine	5.475	140245	7494.6	55.8	∞	203206	9.760 ng/ml
Sertraline	5.729	25223	14042.2	95.8	2312.7	92986	10.682 ng/ml
Temazepam	5.771	157920	2771.8	27.6	209.6	747566	9.600 ng/ml
Tramadol	4.188	356788	14923.7	3.3	393.3	1531926	10.192 ng/ml
Trazodone	4.995	189342	1740.8	74.9	5415.8	836474	10.823 ng/ml
Venlafaxine	4.986	229723	3283.8	37.8	690.1	1825052	10.335 ng/ml
Zolpidem	4.772	349798	7458.9	29.0	4394.7	1608890	10.512 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-B6	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 2:50:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.084	24257	57671.1	140.9	49479.2	61737	10.401 ng/ml
7-aminoclonazepam	4.218	387791	3287.3	67.6	5102.3	149851	98.396 ng/ml
a-hydroxyalprazolam	5.644	70110	1128.5	48.3	353.9	538275	104.500 ng/ml
alpha-PHP	4.863	543932	6068.6	254.1	109725.7	680644	96.028 ng/ml
alpha-PVP	4.297	1886966	107860.1	51.6	51720.9	680644	97.475 ng/ml
Alprazolam	5.728	752405	2329.1	88.3	∞	274083	101.966 ng/ml
Amphetamine	2.961	906779	50215.1	260.0	26677.6	430871	108.527 ng/ml
Benzoylcegonine	3.841	45023	117871.8	50.0	6263.3	12453	104.754 ng/ml
Buprenorphine	5.621	50958	1479.1	14.6	200.9	73287	9.272 ng/ml
Bupropion	4.717	1409397	102361.0	73.5	6710.0	771474	98.854 ng/ml
Carisoprodol	5.683	350547	118422.3	76.3	65446.4	157341	99.566 ng/ml
Citalopram	5.173	1158612	38354.3	37.5	5743.4	499253	103.847 ng/ml
Clonazepam	5.571	364343	532833.6	33.9	352908.3	70516	99.437 ng/ml
Clonazepam	5.517	422307	167458.6	36.7	32591.5	538275	93.855 ng/ml
Cocaine	4.207	1260090	1278068.5	50.1	∞	1004473	100.007 ng/ml
Codeine	2.503	148180	∞	86.7	∞	68648	104.593 ng/ml
Cyclobenzaprine	5.578	1279131	14329.9	9.5	2330.9	391660	98.339 ng/ml
Dextromethorphan	5.206	899894	12196.0	78.5	1501710.3	360975	103.335 ng/ml
Dextrophan	4.074	1195809	17868086.5	45.7	∞	567025	97.641 ng/ml
Diazepam	5.902	475763	2378.0	84.7	52229.9	206840	104.413 ng/ml
Dihydrocodeine	2.467	408185	1510.1	61.0	1120.0	244762	104.051 ng/ml
Diphenhydramine	5.238	4140110	∞	29.9	24640.4	1955197	108.896 ng/ml
Doxylamine	4.461	3931463	138889.0	73.9	163446.6	1465599	99.296 ng/ml
EDDP	5.206	1865026	∞	43.4	1706030.4	963956	94.951 ng/ml
Etizolam	5.764	342319	∞	24.8	∞	206840	104.126 ng/ml
Fentanyl	5.027	128682	10437.0	121.8	∞	663282	9.411 ng/ml
Flualprazolam	5.659	305534	6291.8	100.7	6816.8	274083	105.251 ng/ml
Fluoxetine	5.660	964649	244359.2	6.9	∞	332293	102.492 ng/ml
Hydrocodone	2.953	447228	∞	37.5	6480.3	268915	96.401 ng/ml
Hydromorphone	1.528	463255	2460.0	72.9	12423.0	140418	99.376 ng/ml
Ketamine	3.982	1236323	44124.6	37.1	∞	614332	104.182 ng/ml
Lamotrigine	4.229	103426	5492.6	85.1	114671.1	309636	100.236 ng/ml
Levetiracetam	2.567	226625	5921.5	158.6	27654.0	140418	93.718 ng/ml

AM #28 Multi-Drug Quant. Results

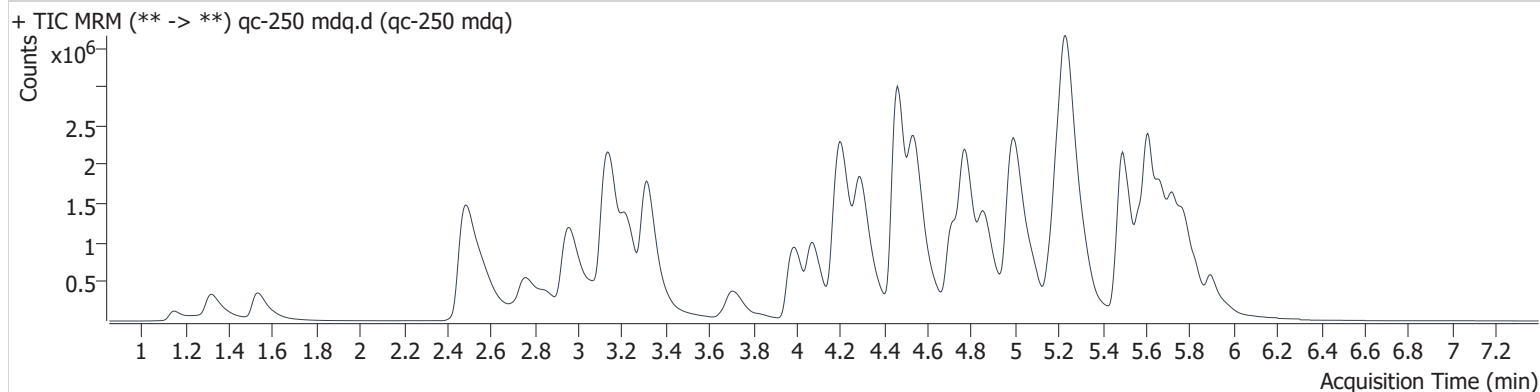
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.701	196644	∞	43.4	1207.8	234847	93.439 ng/ml
MDA	3.129	1185878	76893.3	27.5	4917.3	309636	120.120 ng/ml
MDMA	3.220	1142157	66587.6	102.2	66604.6	118808	91.135 ng/ml
Meprobamate	4.868	338023	7813.4	33.3	1663.6	105210	107.431 ng/ml
Methadone	5.608	2113283	538861.7	59.9	84449.9	971216	97.979 ng/ml
Methamphetamine	3.135	2682398	∞	38.7	27951.0	1062094	113.724 ng/ml
Metoprolol	4.270	267574	22518.2	96.4	∞	430871	106.584 ng/ml
Mirtazapine	4.545	2552963	46890.9	50.7	495521.6	971216	103.455 ng/ml
Mitragynine	5.156	430366	12772.1	30.8	50280.7	1480581	95.166 ng/ml
Morphine	1.147	72007	17926.1	24.7	2478.7	10103	103.588 ng/ml
Norbuprenorphine	4.948	8608	14885.3	97.5	16613.4	20439	10.032 ng/ml
Nordiazepam	5.840	330110	∞	61.8	∞	124069	99.802 ng/ml
Norfentanyl	4.023	36001	59974.7	275.0	9329.7	1084678	9.680 ng/ml
Norhydrocodone	3.005	60145	8916.4	25.5	∞	83556	100.089 ng/ml NE
Noroxycodone	2.845	326871	1863.7	44.8	840.5	112801	93.727 ng/ml
O-desmethyl-tramadol	3.312	2950831	∞	6.0	82263.8	1271535	99.566 ng/ml
Oxazepam	5.708	455114	6513.7	67.2	1128.0	234847	103.087 ng/ml
Oxycodone	2.752	1073789	14479.7	29.5	16983.4	437441	105.479 ng/ml
Oxymorphone	1.315	725379	∞	44.4	∞	253646	100.704 ng/ml
Phentermine	3.710	436340	∞	12.2	902.7	598668	104.297 ng/ml
Promethazine	5.493	1861039	855228.9	41.5	39614.7	921584	98.781 ng/ml
Pseudoephedrine	2.486	2995400	237622.7	17.2	13797.4	1480581	99.648 ng/ml
Quetiapine	5.470	1149150	∞	57.1	940524.8	168711	98.909 ng/ml
Sertraline	5.724	270724	186782.9	94.4	∞	100487	103.814 ng/ml
Temazepam	5.771	1112842	64540.1	30.0	3933.1	538275	94.076 ng/ml
Tramadol	4.188	2946458	171938.3	3.6	∞	1299684	103.545 ng/ml
Trazodone	5.000	1518664	14304.5	77.2	1519559.8	705742	103.420 ng/ml
Venlafaxine	4.981	1942804	70874.1	38.1	9230.5	1502431	98.698 ng/ml
Zolpidem	4.772	2959161	96048.5	30.0	912561.7	1412315	100.633 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-C6 Comment
Injection Volume 3
Acq. Date-Time 8/5/2022 10:46:32 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.084	46800	79876.6	142.5	114779.5	47682	25.961 ng/ml
7-aminoclonazepam	4.223	626706	2213.7	70.3	230266.1	93966	253.222 ng/ml
a-hydroxyalprazolam	5.644	102263	11202.7	51.2	668.7	357548	233.046 ng/ml
alpha-PHP	4.863	1180902	1806854.1	252.1	10087.3	565886	249.739 ng/ml
alpha-PVP	4.297	4043449	490077.5	51.0	28456.6	565886	250.897 ng/ml
Alprazolam	5.728	1337531	2952.3	87.4	7229.0	185086	268.131 ng/ml
Amphetamine	2.961	1603320	23396.6	253.4	672612.2	328589	255.511 ng/ml
Benzoylcegonine	3.841	99925	60945.4	48.8	15162.2	11088	261.945 ng/ml
Buprenorphine	5.621	99847	477.3	16.0	218.6	56152	23.344 ng/ml
Bupropion	4.717	3030165	30969.8	72.6	35816.2	664270	246.649 ng/ml
Carisoprodol	5.683	581846	747372.8	72.7	2961.4	104413	249.131 ng/ml
Citalopram	5.173	2215463	140901.1	38.0	22395.5	378542	261.568 ng/ml
Clonazepam	5.576	557273	147242.7	33.1	23162.3	44603	240.540 ng/ml
Clonazepam	5.523	755787	∞	38.3	143962.1	357548	251.844 ng/ml
Cocaine	4.207	2550533	∞	50.5	49107.7	827482	245.399 ng/ml
Codeine	2.508	258518	30679.6	91.5	11916.0	51030	246.211 ng/ml
Cyclobenzaprine	5.578	2365224	518969.2	8.9	126600.2	281364	253.433 ng/ml
Dextromethorphan	5.206	1665285	11020.4	78.4	288117.7	273232	252.354 ng/ml
Dextrophan	4.074	2559861	293101.5	45.0	319219.3	480054	246.048 ng/ml
Diazepam	5.902	898818	5511.6	86.6	12511.8	156861	259.768 ng/ml
Dihydrocodeine	2.467	795040	1628.7	60.1	2955.4	202448	245.830 ng/ml
Diphenhydramine	5.243	8287095	57250.9	29.6	42702.2	1554985	273.732 ng/ml
Doxylamine	4.461	8722047	344422.1	75.3	52361.6	1283025	251.579 ng/ml
EDDP	5.206	4166130	∞	42.6	86905.9	866120	235.887 ng/ml
Etizolam	5.764	612030	∞	24.5	∞	156861	245.991 ng/ml
Fentanyl	5.032	259858	29533.9	122.3	148587.3	503045	24.836 ng/ml
Flualprazolam	5.659	549580	3295.5	98.4	2849.1	185086	280.016 ng/ml
Fluoxetine	5.665	1633618	6960174.9	6.6	88425.9	222516	259.595 ng/ml
Hydrocodone	2.953	911845	20362.0	38.0	4917.7	217669	243.053 ng/ml
Hydromorphone	1.533	911575	2191.6	72.9	3705.0	109637	250.569 ng/ml
Ketamine	3.982	2655481	12236050.4	37.2	17473.1	533091	257.906 ng/ml
Lamotrigine	4.234	182060	3487.7	86.0	∞	210178	256.617 ng/ml
Levetiracetam	2.572	435487	10384.4	158.7	16571.6	109637	232.056 ng/ml

AM #28 Multi-Drug Quant. Results

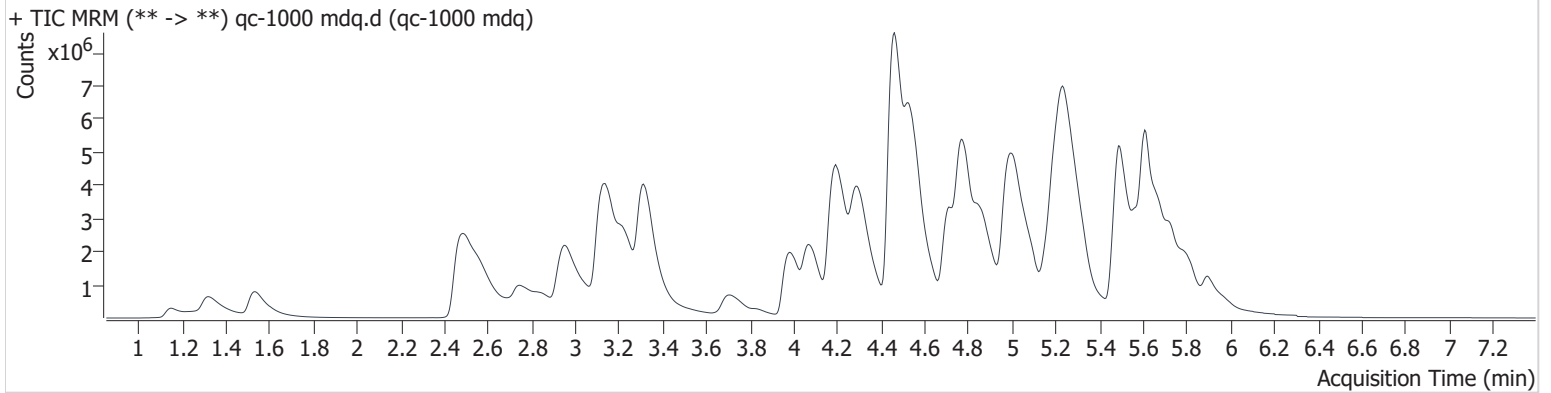
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	233458	∞	47.2	∞	118287	220.824 ng/ml
MDA	3.129	1927075	24783.6	26.9	23555.8	210178	289.860 ng/ml
MDMA	3.226	2297716	570335.3	101.4	41773.0	87155	249.353 ng/ml
Meprobamate	4.874	590934	31414.6	32.1	4350.3	76479	260.008 ng/ml
Methadone	5.613	4362408	2172882.5	59.3	73102.6	795595	246.269 ng/ml
Methamphetamine	3.140	5273626	∞	38.5	∞	914662	280.529 ng/ml
Metoprolol	4.270	518147	56766.3	94.6	12939.7	328589	270.884 ng/ml
Mirtazapine	4.545	5346932	114621.6	50.0	171154.7	795595	267.274 ng/ml
Mitragynine	5.156	813987	63773.3	31.4	878656.8	1178092	223.409 ng/ml
Morphine	1.152	169969	30851.6	23.0	7172.9	9658	256.332 ng/ml
Norbuprenorphine	4.948	15759	13401.4	98.3	8951.8	16475	22.634 ng/ml
Nordiazepam	5.840	601886	9572.2	60.4	∞	89013	253.417 ng/ml
Norfentanyl	4.023	73090	∞	271.6	6810.4	871225	24.506 ng/ml
Norhydrocodone	3.010	139220	2427.7	27.7	1662.9	71186	269.940 ng/ml NE
Noroxycodone	2.845	638463	∞	42.6	866.4	85774	240.785 ng/ml
O-desmethyl-tramadol	3.317	6494753	114605.6	6.0	22452.0	1134763	245.838 ng/ml
Oxazepam	5.708	584391	3781.7	71.7	5393.3	118287	262.832 ng/ml
Oxycodone	2.752	2037789	27464.3	29.8	10628.2	346384	253.621 ng/ml
Oxymorphone	1.320	1388032	∞	44.5	∞	197009	248.233 ng/ml
Phentermine	3.715	901319	∞	11.3	25873.8	502851	257.105 ng/ml
Promethazine	5.493	3695044	352823.5	40.6	381217.2	719072	250.854 ng/ml
Pseudoephedrine	2.491	6012227	∞	17.0	72880.2	1178092	251.493 ng/ml
Quetiapine	5.475	2396973	101713.3	57.1	1923414.0	144704	240.956 ng/ml
Sertraline	5.729	476361	584611.8	95.2	69187.6	74333	246.587 ng/ml
Temazepam	5.776	1886206	47935.7	30.2	3018.3	357548	240.073 ng/ml
Tramadol	4.188	6190974	2484421.3	3.5	3720.7	1129753	250.995 ng/ml
Trazodone	4.995	2896321	60581.3	78.2	17311.0	536443	259.578 ng/ml
Venlafaxine	4.981	4336570	121714.7	37.8	624306.1	1237060	266.186 ng/ml
Zolpidem	4.772	6404437	574105.7	29.8	106128.8	1189844	258.399 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-D6 **Comment**
Injection Volume 3
Acq. Date-Time 8/5/2022 10:55:34 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
6-MAM	3.079	91223	489220.9	141.9	102740.9	24478	98.538	ng/ml
7-aminoclonazepam	4.223	870104	12430.3	76.2	1414.1	36716	899.158	ng/ml
a-hydroxyalprazolam	5.644	118433	∞	49.7	701.8	119399	815.604	ng/ml
alpha-PHP	4.863	3251570	46946.9	256.1	80713.3	374367	1037.430	ng/ml
alpha-PVP	4.303	11219163	230547.0	51.3	102903.8	374367	1051.617	ng/ml
Alprazolam	5.728	2407293	4186.4	91.4	2410.0	93100	958.932	ng/ml
Amphetamine	2.956	2917958	86620.8	244.1	141482.5	175477	877.867	ng/ml
Benzoylcegonine	3.841	365452	43437.3	49.3	31408.2	9809	1084.628	ng/ml
Buprenorphine	5.626	205435	1188.0	15.0	244.2	28113	95.202	ng/ml
Bupropion	4.712	8548510	4023701.8	69.9	125781.3	444517	1039.433	ng/ml
Carisoprodol	5.683	809262	75927.6	71.3	18836.9	35118	1030.441	ng/ml
Citalopram	5.162	4273684	34596.1	39.9	79998.2	185320	1030.030	ng/ml
Clonazepam	5.571	530864	6382.2	33.7	144795.9	10964	932.312	ng/ml
Clonazepam	5.533	1120216	23451.1	37.6	41987.0	119399	1115.726	ng/ml
Cocaine	4.207	5801524	480390.7	54.7	213353.9	503430	916.892	ng/ml
Codeine	2.508	519711	13657.8	92.7	126106.6	26670	948.625	ng/ml
Cyclobenzaprine	5.573	5324509	576334.3	8.9	135714.7	158307	1014.605	ng/ml
Dextromethorphan	5.200	3748925	51585.0	77.4	47876.8	147377	1052.637	ng/ml
Dextrophan	4.074	6838832	159589.3	44.8	136743.7	303519	1037.884	ng/ml
Diazepam	5.902	2563956	34505.2	86.3	8520.9	109981	1056.176	ng/ml
Dihydrocodeine	2.457	1781302	10898.4	61.9	2506.2	136761	816.706	ng/ml
Diphenhydramine	5.248	18951875	139680.7	29.7	156568.8	872228	1115.322	ng/ml
Doxylamine	4.461	27623191	446049.0	78.7	289273.3	989307	1033.196	ng/ml
EDDP	5.200	12873447	1716001967	42.7	∞	641912	983.116	ng/ml
			325280.0					
Etizolam	5.764	1511017	∞	24.3	1269425.4	109981	867.139	ng/ml
Fentanyl	5.032	732132	∞	128.0	∞	333726	105.043	ng/ml
Flualprazolam	5.659	981645	∞	93.5	3284.3	93100	993.811	ng/ml
Fluoxetine	5.671	3221341	90464.3	6.8	211994.5	111929	1018.418	ng/ml
Hydrocodone	2.953	2483614	∞	38.8	16336.9	145215	992.780	ng/ml
Hydromorphone	1.533	2304397	2386.8	72.6	3804.8	69978	992.638	ng/ml
Ketamine	3.982	7235617	265313.8	37.2	116779.6	373070	1004.228	ng/ml
Lamotrigine	4.234	278682	29783.2	88.8	10383.3	80871	1014.665	ng/ml

OCR

AM #28 Multi-Drug Quant. Results

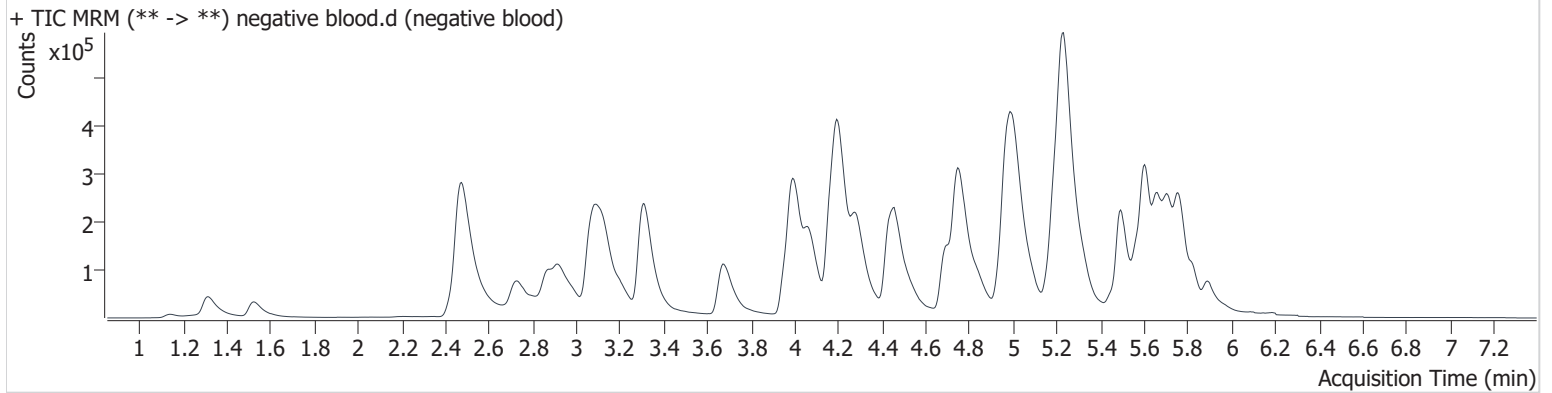
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.572	1060323	58801.9	153.6	1022230.6	69978	887.931 ng/ml
Lorazepam	5.701	195763	∞	45.4	690.6	22217	987.369 ng/ml
MDA	3.108	2429947	53648.5	27.1	19585.4	80871	953.651 ng/ml
MDMA	3.226	5285721	73420.8	101.5	111564.5	54087	923.427 ng/ml
Meprobamate	4.894	867431	76837.7	29.8	6171.2	32489	901.305 ng/ml
Methadone	5.613	13595420	51577.7	55.6	116573.0	572895	1064.456 ng/ml
Methamphetamine	3.140	11967043	∞	37.8	469114.7	651360	929.549 ng/ml
Metoprolol	4.265	918225	46866.2	94.9	∞	175477	899.267 ng/ml
Mirtazapine	4.545	14629248	267119.6	48.9	504209.6	572895	1020.505 ng/ml
Mitragynine	5.151	1994658	568031.9	34.6	706130.7	657736	973.678 ng/ml
Morphine	1.152	458482	82425.8	23.5	8728.9	6719	994.931 ng/ml
Norbuprenorphine	4.942	38526	36925.4	96.6	69107.8	8472	107.164 ng/ml
Nordiazepam	5.850	1104448	10083.5	63.2	26189.0	39600	1044.826 ng/ml
Norfentanyl	4.023	158483	∞	270.4	13412.3	453687	102.121 ng/ml
Norhydrocodone	3.015	351767	3380.2	30.5 High	4986.9	43245	1119.078 ng/ml NE
Noroxycodone	2.850	1294887	∞	41.5	∞	40255	1040.611 ng/ml
O-desmethyl-tramadol	3.312	19093622	326097.0	5.8	232415.0	819381	1001.495 ng/ml
Oxazepam	5.703	400417	193365.3	76.5	5205.4	22217	958.884 ng/ml
Oxycodone	2.737	4310457	7890.5	29.9	1467.3	202327	919.992 ng/ml
Oxymorphone	1.315	3325943	∞	44.6	∞	123672	947.783 ng/ml
Phentermine	3.710	2191519	∞	10.4	55037.0	337943	931.298 ng/ml
Promethazine	5.493	11719604	211528.8	37.6	5713341.1	534446	1069.413 ng/ml
Pseudoephedrine	2.491	13853430	∞	16.5	∞	657736	1038.214 ng/ml
Quetiapine	5.464	5714166	∞	59.0	160211.4	101242	821.708 ng/ml
Sertraline	5.729	979031	93030.2	96.2	∞	40936	919.559 ng/ml
Temazepam	5.787	2821179	75209.6	27.7	14134.6	119399	1075.317 ng/ml
Tramadol	4.177	16343905	∞	3.4	4728.8	791840	946.757 ng/ml
Trazodone	5.005	7388169	93881.4	76.5	15140.1	355070	1000.563 ng/ml
Venlafaxine	4.981	12677935	309060.3	36.2	22053.1	828319	1159.482 ng/ml
Zolpidem	4.772	18920540	203806.8	29.0	76585.4	838110	1083.509 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-F6	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 11:13:39 AM		
Sample Info.			

Sample Chromatogram

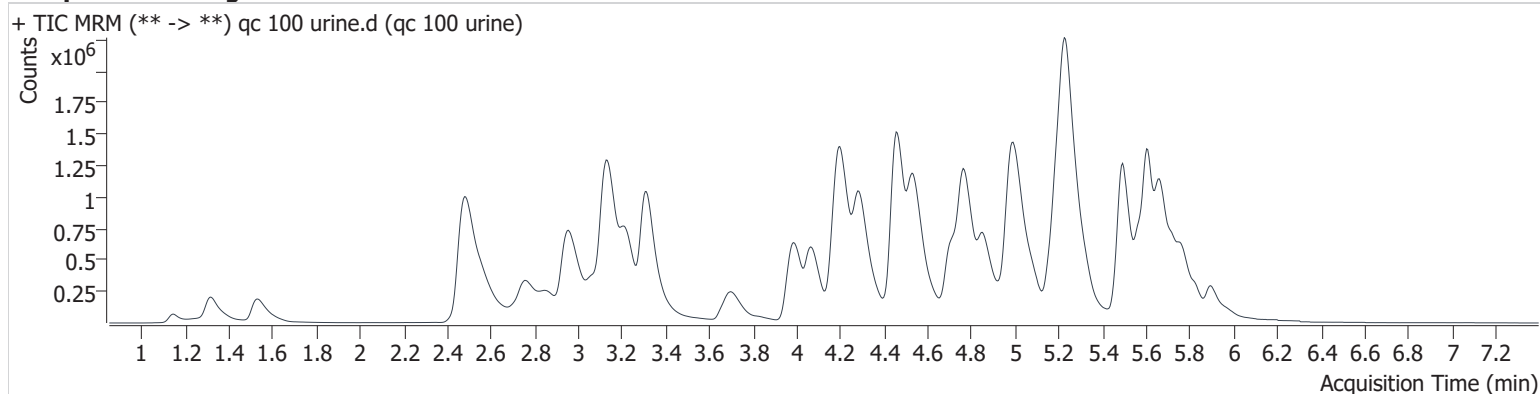


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 PM

Instrument	69679	Data File	qc 100 urine.d
Type	Sample	Sample	qc 100 urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E6	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 11:04:36 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.084	24617	∞	139.6	7196.7	60567	10.758 ng/ml
7-aminoclonazepam	4.218	404573	13574.3	68.8	4998.2	152335	100.974 ng/ml
a-hydroxyalprazolam	5.649	47670	11447.7	53.7	∞	264026	146.014 ng/ml
alpha-PHP	4.863	520724	3170.6	251.5	6234.5	681742	91.811 ng/ml
alpha-PVP	4.297	1878065	81781.5	51.9	∞	681742	96.860 ng/ml
Alprazolam	5.723	530199	2625.5	90.0	∞	197228	99.856 ng/ml
Amphetamine	2.961	940907	16750.0	251.3	36071.7	421475	115.301 ng/ml
Benzoylcegonine	3.836	53034	43991.1	50.0	3377.5	15082	101.866 ng/ml
Buprenorphine	5.621	50479	414.0	14.2	76.6	75939	8.875 ng/ml
Bupropion	4.712	1400882	17272.3	72.9	6708.1	761459	99.548 ng/ml
Carisoprodol	5.678	242110	27604.2	76.9	4149.3	115159	93.952 ng/ml
Citalopram	5.173	1166042	14091.5	37.7	9025.3	517249	100.883 ng/ml
Clonazepam	5.571	232794	3219.4	32.0	19950.0	44969	99.630 ng/ml
Clonazepam	5.517	268108	11762.8	34.6	2820.0	264026	121.299 ng/ml
Cocaine	4.202	1186141	25768.1	51.1	19425.1	957102	98.800 ng/ml
Codeine	2.503	150119	6560.6	81.1	7698.4	70109	103.748 ng/ml
Cyclobenzaprine	5.578	1199014	7533.5	9.0	1951.8	361732	99.809 ng/ml
Dextromethorphan	5.206	905445	22439.9	76.1	116889.7	374427	100.243 ng/ml
Dextrophan	4.074	1212896	158143.3	45.1	20375.2	561544	99.990 ng/ml
Diazepam	5.902	412797	∞	85.8	3866.8	173702	107.870 ng/ml
Dihydrocodeine	2.467	445233	1912.7	60.0	1620.3	266191	104.360 ng/ml
Diphenhydramine	5.238	4110169	11442.9	30.3	15064.9	2008686	105.238 ng/ml
Doxylamine	4.461	4024471	34396.9	74.9	∞	1485666	100.272 ng/ml
EDDP	5.206	1879292	39634.8	43.1	6773.4	991636	93.009 ng/ml
Etizolam	5.764	278206	∞	24.0	1330.5	173702	100.757 ng/ml
Fentanyl	5.027	134184	23172.7	122.8	3849.7	660115	9.854 ng/ml
Flualprazolam	5.659	269621	4913.6	102.2	∞	197228	129.026 ng/ml
Fluoxetine	5.665	1017026	21892.3	6.7	∞	356495	100.717 ng/ml
Hydrocodone	2.953	450567	∞	36.9	5837.3	270770	96.456 ng/ml
Hydromorphone	1.533	433936	797.5	74.0	3253.3	133283	98.068 ng/ml
Ketamine	3.982	1235016	39736.7	36.7	7282.7	627378	101.907 ng/ml
Lamotrigine	4.224	105708	1913.9	86.0	∞	323105	98.219 ng/ml
Levetiracetam	2.567	227688	35363.8	154.7	4345.1	133283	99.254 ng/ml

AM #28 Multi-Drug Quant. Results

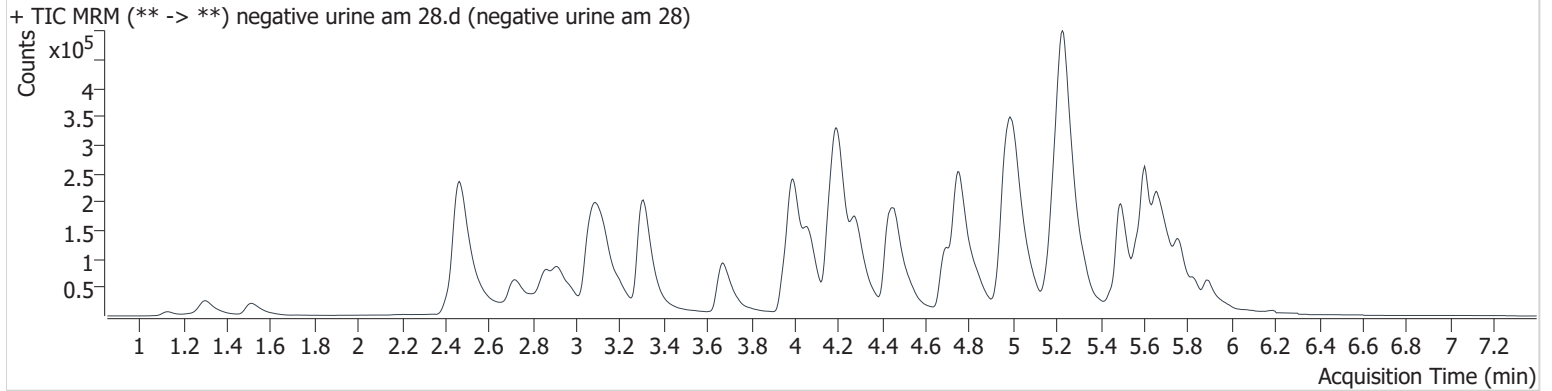
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	72831	1302.3	45.6	∞	86519	93.940 ng/ml
MDA	3.129	1149147	∞	27.7	∞	323105	111.430 ng/ml
MDMA	3.226	1153353	66996.4	100.3	36701.4	119684	91.354 ng/ml
Meprobamate	4.863	276476	4284.2	31.8	1537.5	89266	103.523 ng/ml
Methadone	5.608	2058560	7080.6	59.3	6523.0	945255	98.063 ng/ml
Methamphetamine	3.135	2673540	15397.3	39.1	∞	1062684	113.223 ng/ml
Metoprolol	4.270	276714	43022.6	92.9	∞	421475	112.691 ng/ml
Mirtazapine	4.539	2559755	24113.4	50.2	34756.6	945255	106.633 ng/ml
Mitragynine	5.161	486362	7307.8	30.9	82659.3	1545773	102.845 ng/ml
Morphine	1.147	77526	15344.5	24.3	3533.5	12243	92.000 ng/ml
Norbuprenorphine	4.942	7912	9636.3	90.6	5920.3	20048	9.409 ng/ml
Nordiazepam	5.845	241680	26253.7	61.0	8931.4	84406	107.390 ng/ml
Norfentanyl	4.023	36752	380.4	272.2	5284.2	1119122	9.578 ng/ml
Norhydrocodone	3.010	60379	3364.5	25.8	∞	89277	94.110 ng/ml NE
Noroxycodone	2.845	377764	6991.2	41.5	322.3	117280	104.185 ng/ml
O-desmethyl-tramadol	3.312	3019309	62361.1	5.9	9785.0	1343732	96.397 ng/ml
Oxazepam	5.698	152933	1394.9	67.1	163.6	86519	94.026 ng/ml
Oxycodone	2.752	1056648	20926.9	30.0	10667.9	433249	104.796 ng/ml
Oxymorphone	1.315	625989	∞	44.9	∞	224845	98.035 ng/ml
Phentermine	3.710	441626	2550.9	11.9	11092.5	593651	106.462 ng/ml
Promethazine	5.493	1958466	7112.1	40.2	∞	955883	100.218 ng/ml
Pseudoephedrine	2.486	3175558	25579.9	16.9	10839.9	1545773	101.187 ng/ml
Quetiapine	5.475	1143693	1081117.4	57.3	16033.4	172004	96.547 ng/ml
Sertraline	5.729	196735	5997.2	97.8	4626.7	76629	98.941 ng/ml
Temazepam	5.771	563137	13658.3	29.3	∞	264026	97.055 ng/ml
Tramadol	4.182	2980917	30660.7	3.4	1389.4	1313117	103.685 ng/ml
Trazodone	4.995	1541677	18258.2	78.8	25265.9	730150	101.476 ng/ml
Venlafaxine	4.981	1981467	25838.3	38.3	5915.1	1472688	102.663 ng/ml
Zolpidem	4.772	3044675	157586.3	29.2	19491.8	1396053	104.744 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 PM

Instrument	69679	Data File	negative urine am 28.d
Type	Sample	Sample	negative urine am 28
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B9	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 2:32:31 PM		
Sample Info.			

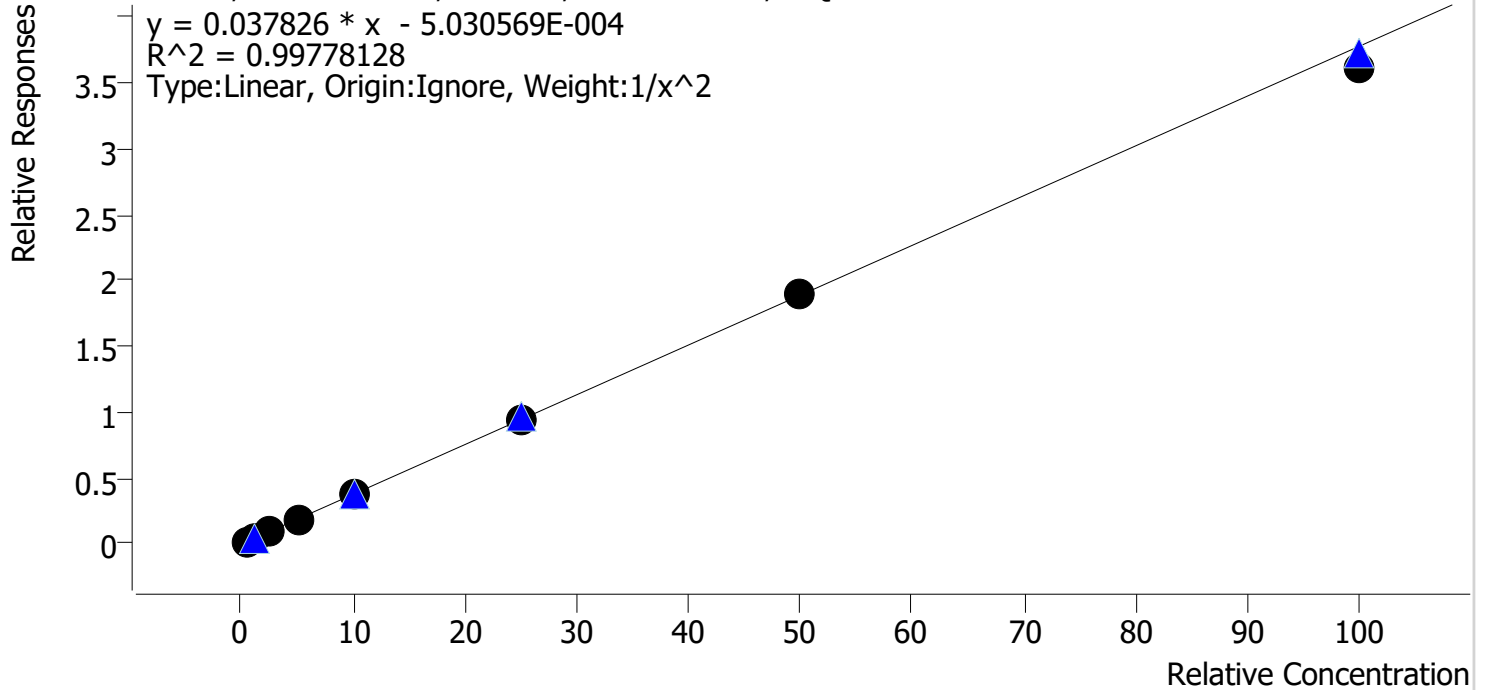
Sample Chromatogram



Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 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



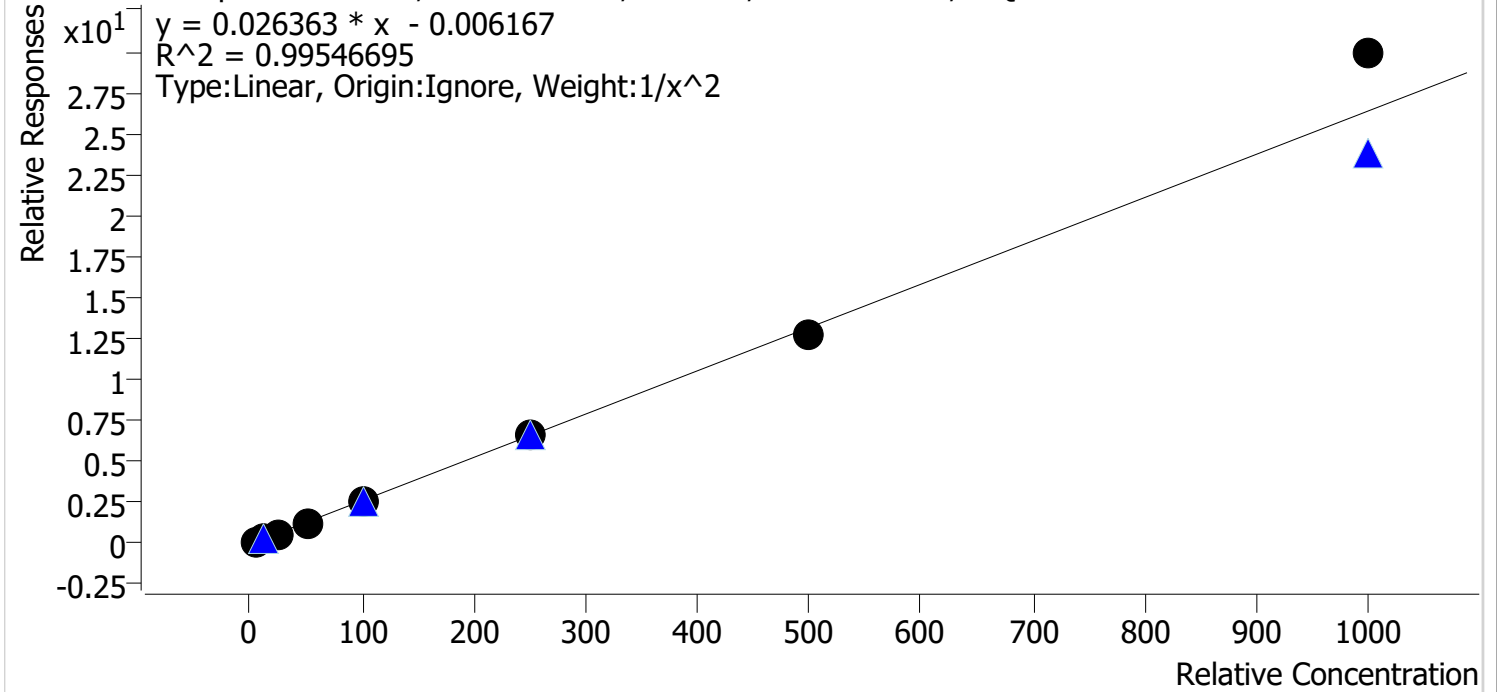
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	95.7
cal 2 mdq	2	✓	1.0	1.1	108.1
cal 3 mdq	3	✓	2.5	2.5	101.4
cal 4 mdq	4	✓	5.0	5.1	101.2
cal 5 mdq	5	✓	10.0	9.7	96.7
cal 6 mdq	6	✓	25.0	25.1	100.3
cal 7 mdq	7	✓	50.0	50.5	100.9
cal 8 mdq	8	✓	100.0	95.7	95.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 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	102.8
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	480.0	96.0
cal 8 mdq	8	✓	1000.0	1132.6	113.3

Compound Calibration Report

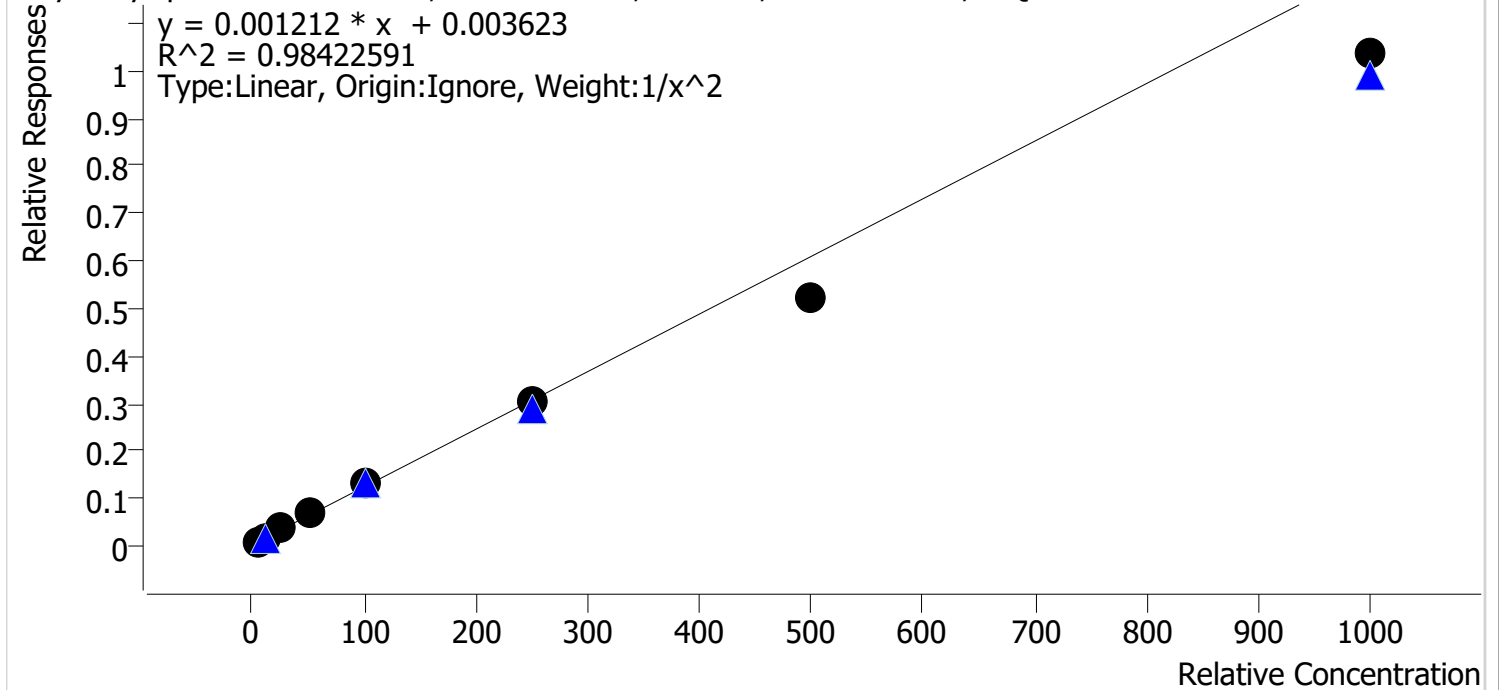


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard

Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

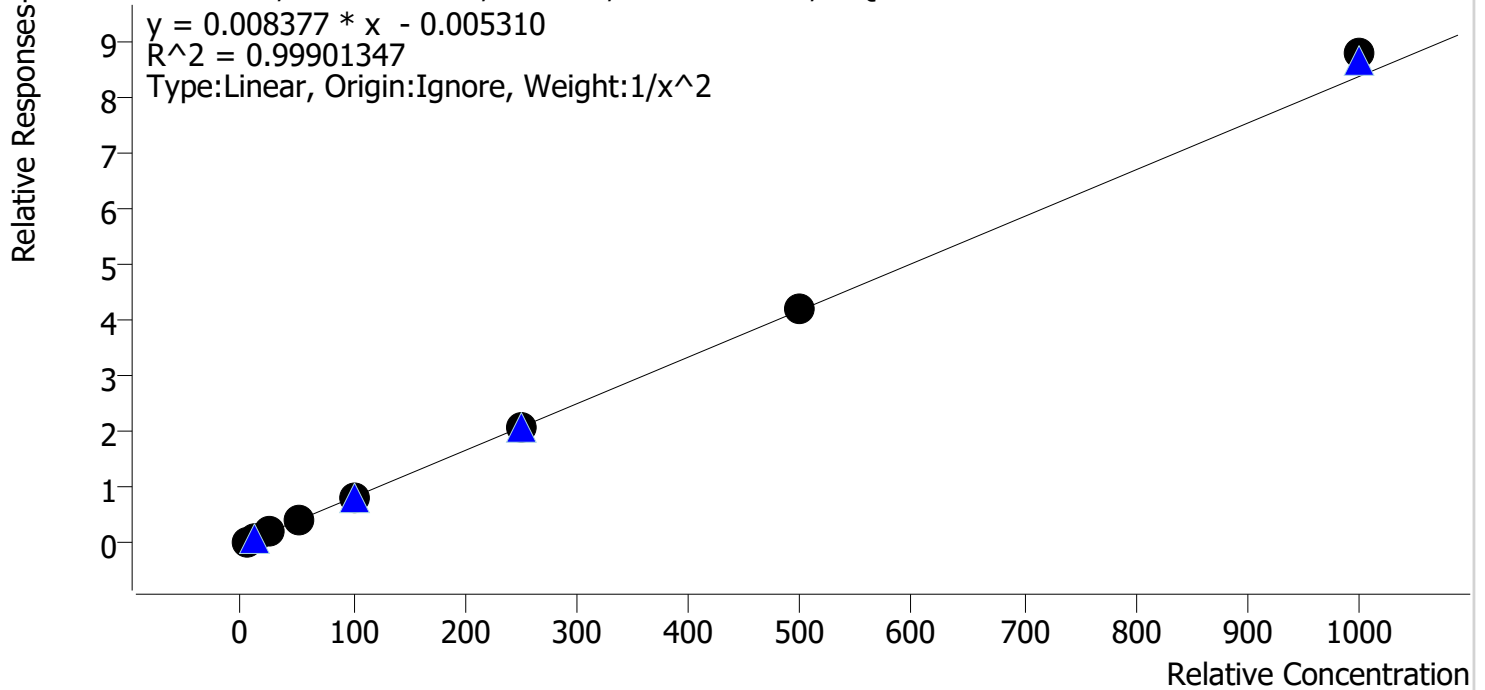


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	28.1	112.3
cal 4 mdq	4	✓	50.0	57.3	114.5
cal 5 mdq	5	✓	100.0	107.6	107.6
cal 6 mdq	6	✓	250.0	246.4	98.5
cal 7 mdq	7	✓	500.0	431.0	86.2
cal 8 mdq	8	✓	1000.0	851.8	85.2

Compound Calibration Report

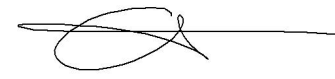
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



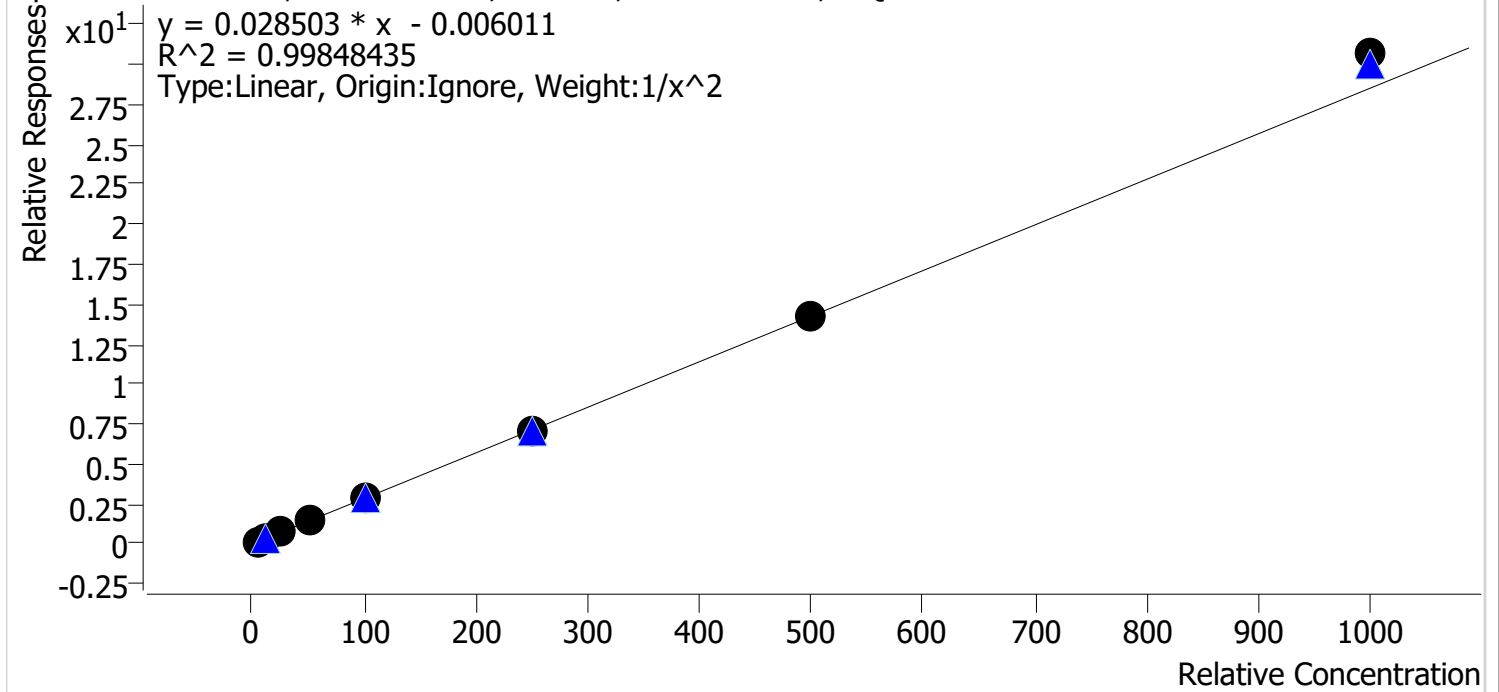
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	499.9	100.0
cal 8 mdq	8	✓	1000.0	1048.9	104.9

Compound Calibration Report



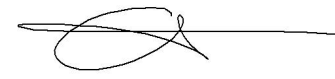
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



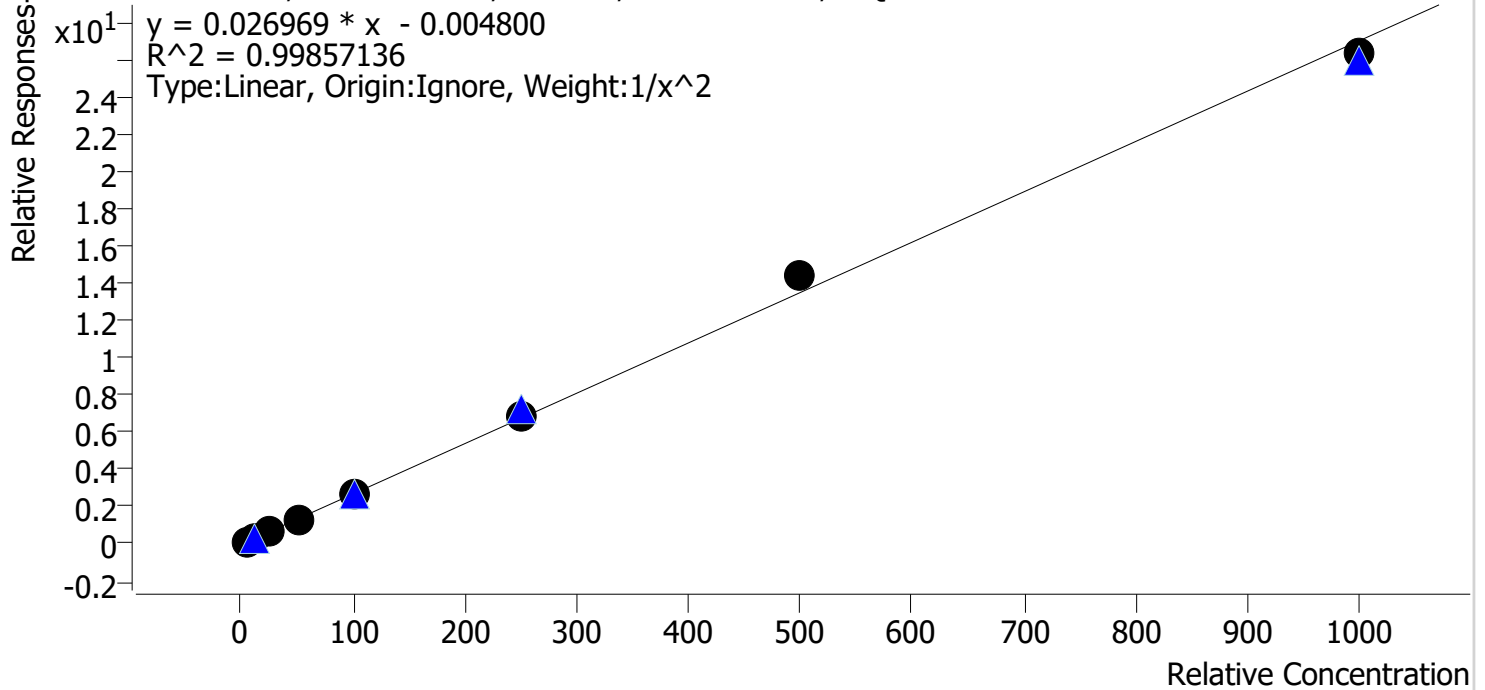
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	48.7	97.5
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	245.8	98.3
cal 7 mdq	7	✓	500.0	500.1	100.0
cal 8 mdq	8	✓	1000.0	1075.9	107.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



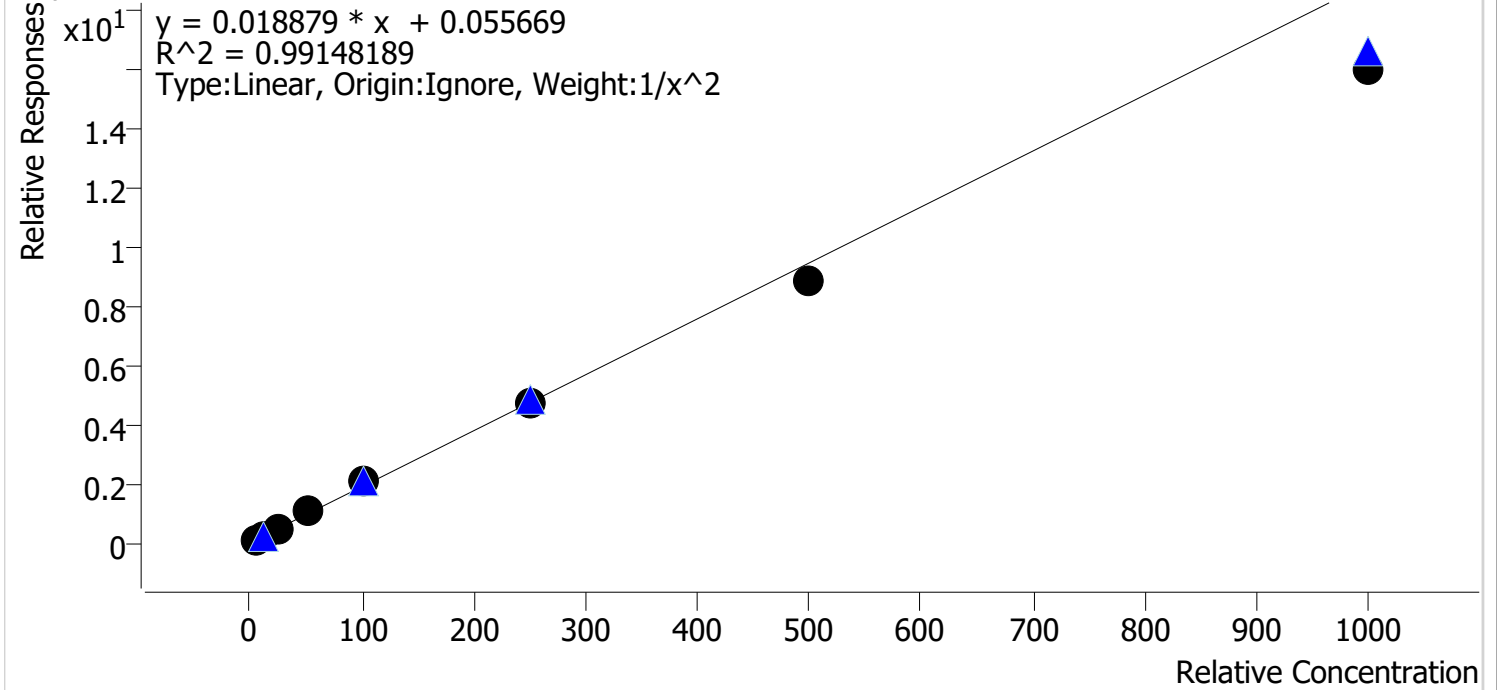
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	24.1	96.6
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	533.7	106.7
cal 8 mdq	8	✓	1000.0	974.6	97.5

Compound Calibration Report



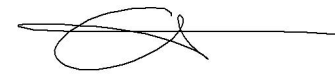
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



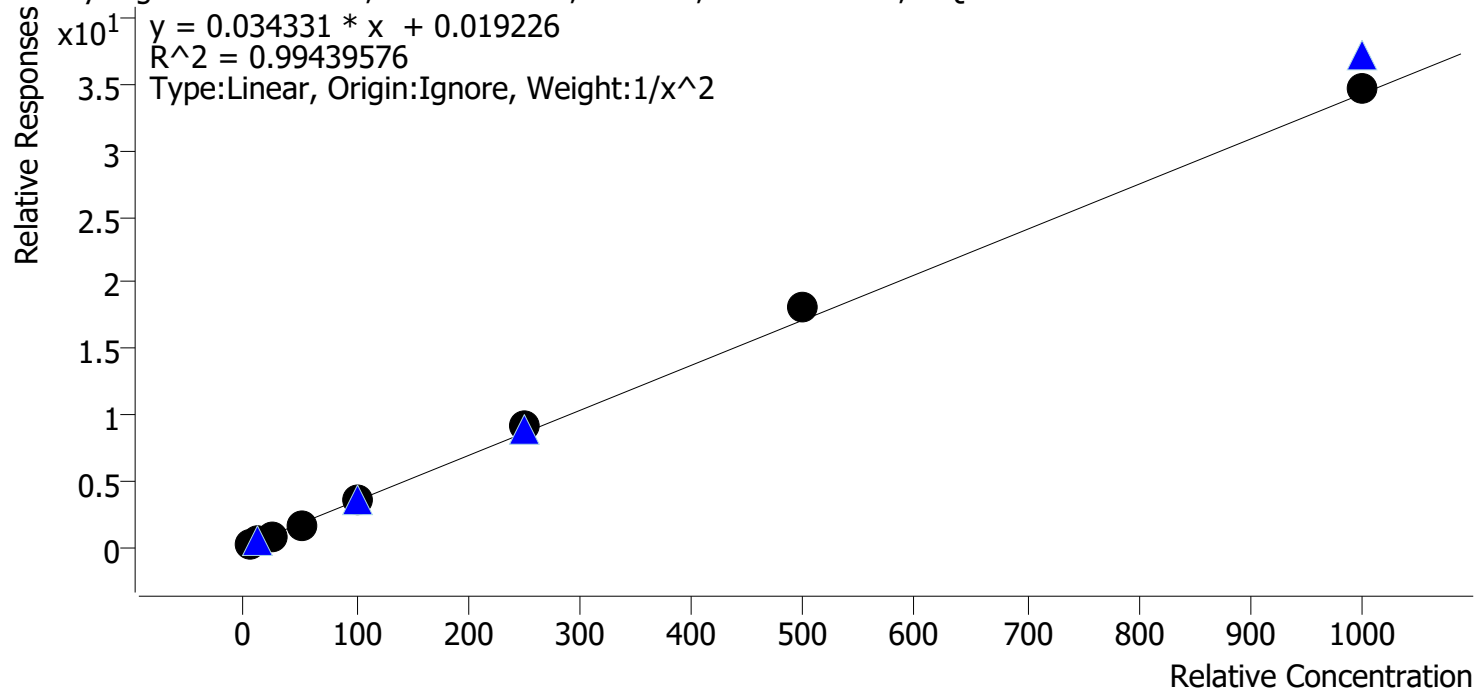
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	26.9	107.7
cal 4 mdq	4	✓	50.0	54.1	108.2
cal 5 mdq	5	✓	100.0	107.4	107.4
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	470.4	94.1
cal 8 mdq	8	✓	1000.0	848.7	84.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.7
cal 2 mdq	2	✓	10.0	8.8	88.3
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	46.6	93.2
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	263.2	105.3
cal 7 mdq	7	✓	500.0	526.0	105.2
cal 8 mdq	8	✓	1000.0	1013.4	101.3

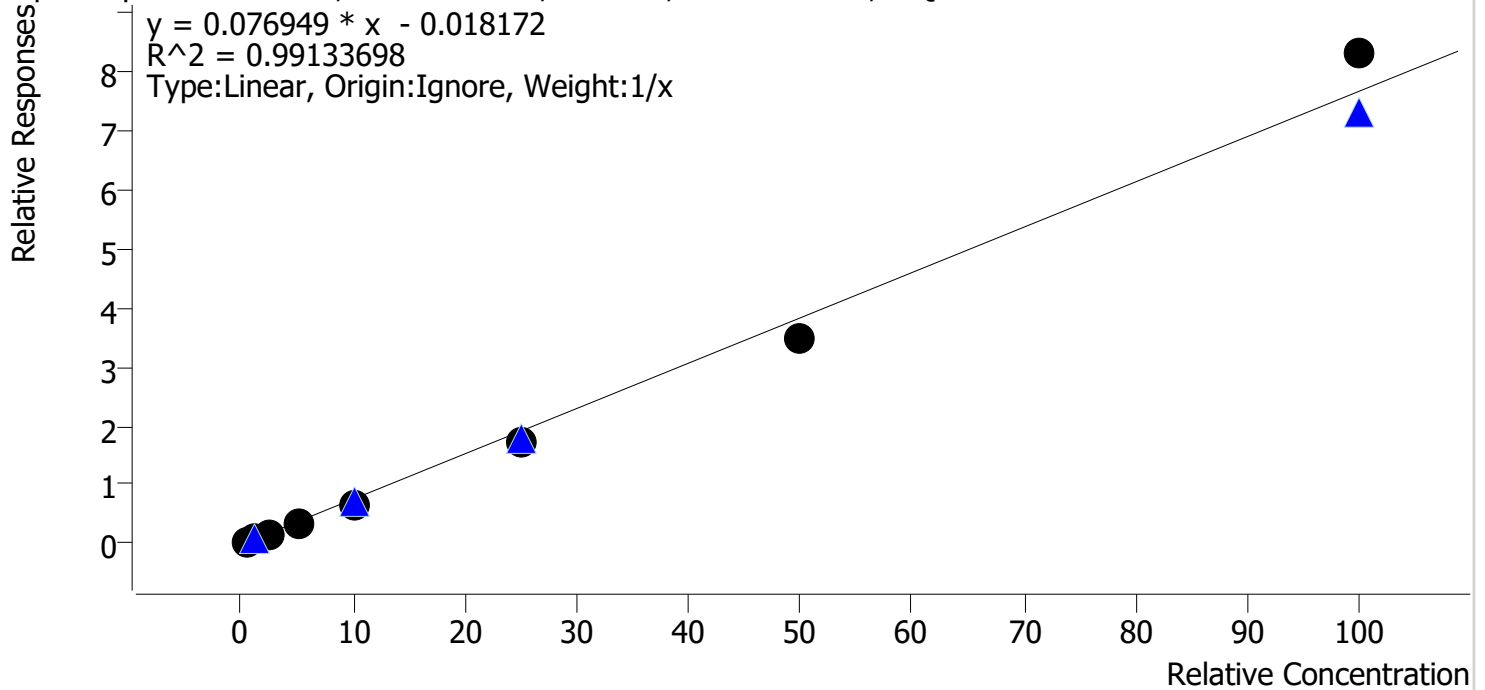
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Buprenorphine

Internal Standard Buprenorphine-D4

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



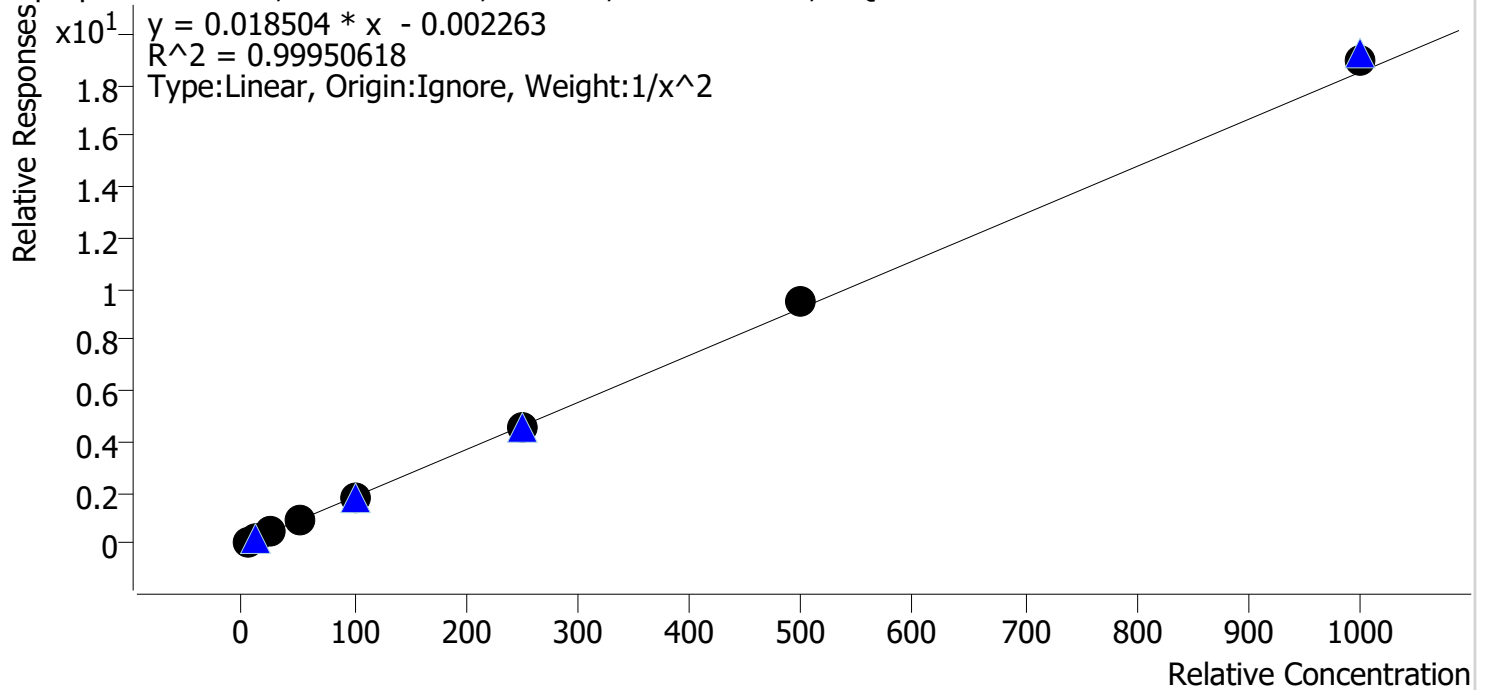
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	120.9
cal 2 mdq	2	✓	1.0	1.1	110.7
cal 3 mdq	3	✓	2.5	2.4	97.1
cal 4 mdq	4	✓	5.0	4.8	95.1
cal 5 mdq	5	✓	10.0	8.7	86.7
cal 6 mdq	6	✓	25.0	22.5	89.8
cal 7 mdq	7	✓	50.0	45.7	91.4
cal 8 mdq	8	✓	100.0	108.3	108.3

Compound Calibration Report



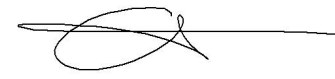
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	511.5	102.3
cal 8 mdq	8	✓	1000.0	1023.0	102.3

Compound Calibration Report

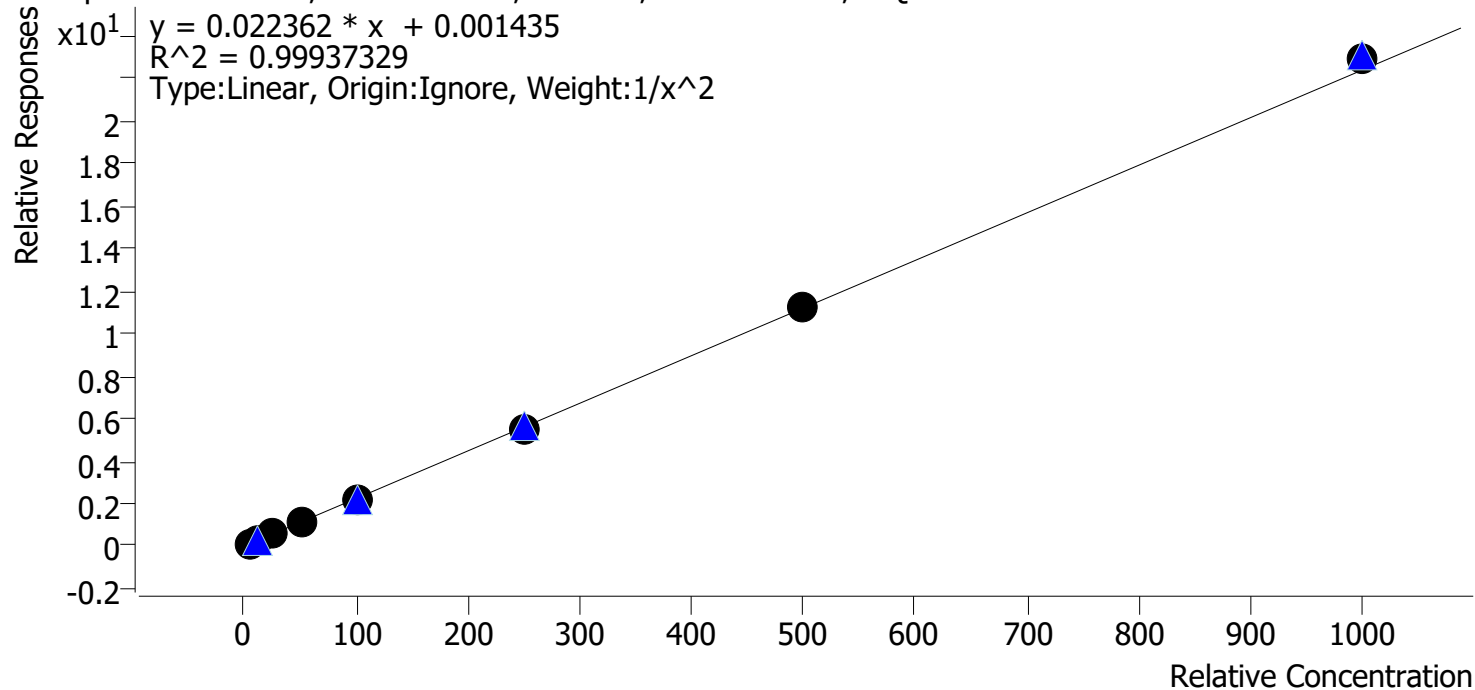


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

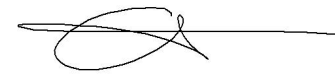
Carisoprodol-D7

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



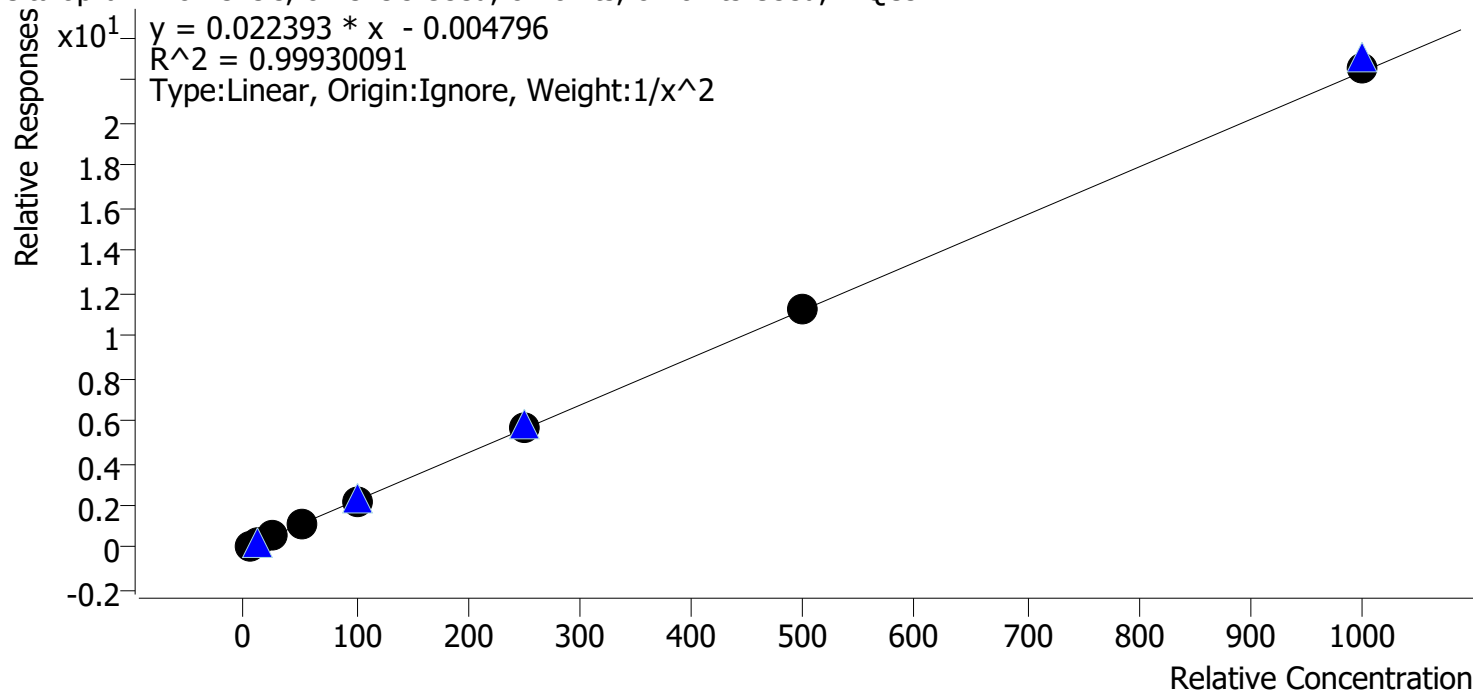
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	24.7	98.6
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	504.1	100.8
cal 8 mdq	8	✓	1000.0	1024.7	102.5

Compound Calibration Report



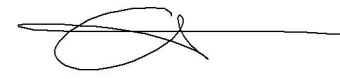
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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	5.1	102.1
cal 2 mdq	2	✓	10.0	9.7	96.6
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	51.1	102.3
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	1011.6	101.2

Compound Calibration Report

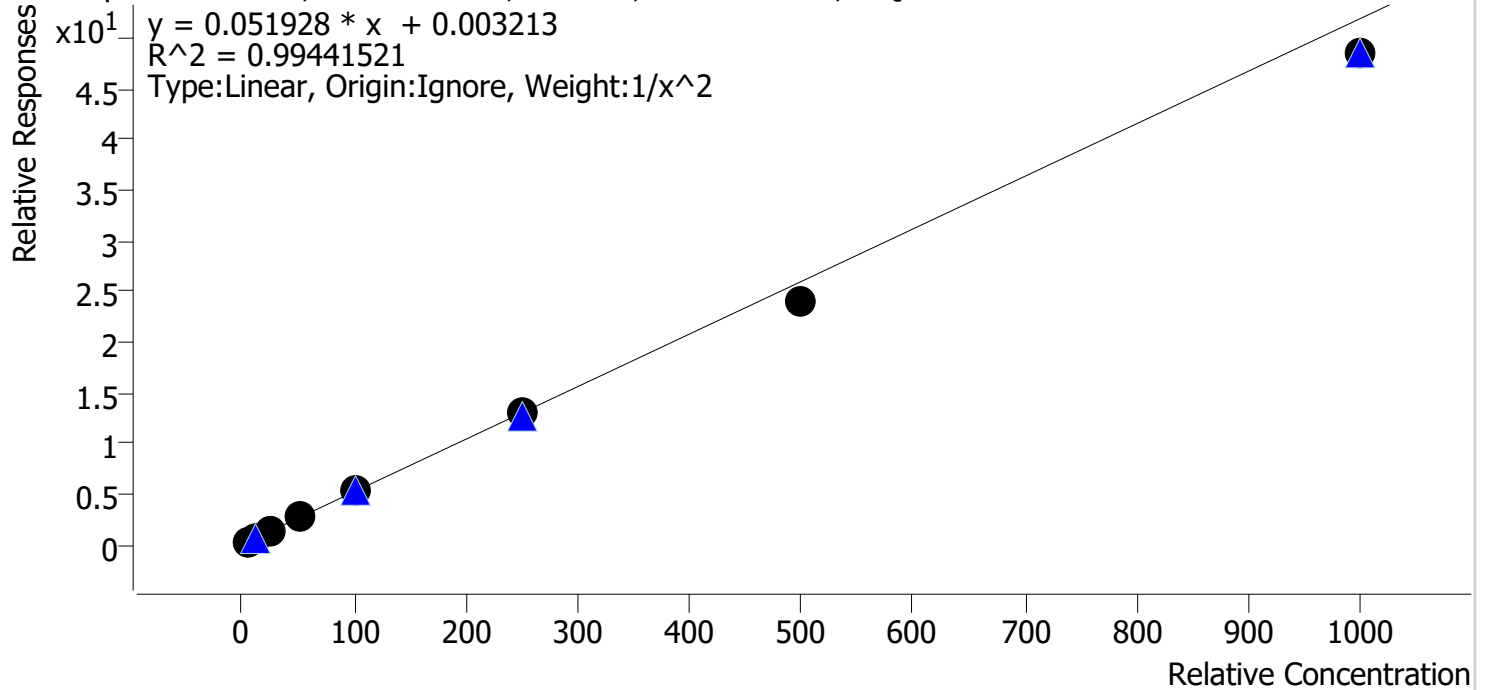


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Clonazepam

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	98.7
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	27.7	111.0
cal 4 mdq	4	✓	50.0	53.6	107.3
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	459.8	92.0
cal 8 mdq	8	✓	1000.0	933.5	93.3

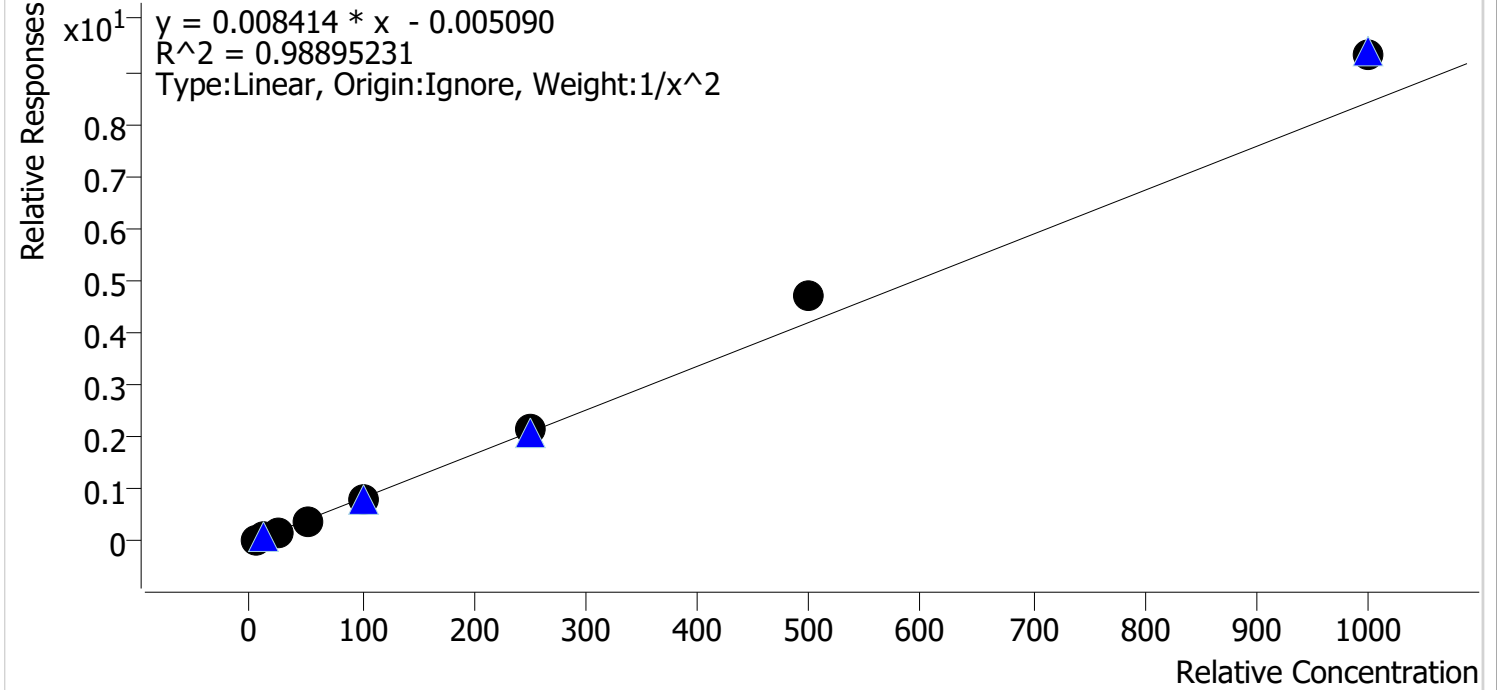
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Clonazolam

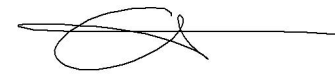
Internal Standard Temazepam-D5

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	5.3	106.5
cal 2 mdq	2	✓	10.0	9.3	93.4
cal 3 mdq	3	✓	25.0	22.0	88.1
cal 4 mdq	4	✓	50.0	46.6	93.2
cal 5 mdq	5	✓	100.0	93.0	93.0
cal 6 mdq	6	✓	250.0	257.9	103.1
cal 7 mdq	7	✓	500.0	559.1	111.8
cal 8 mdq	8	✓	1000.0	1108.5	110.8

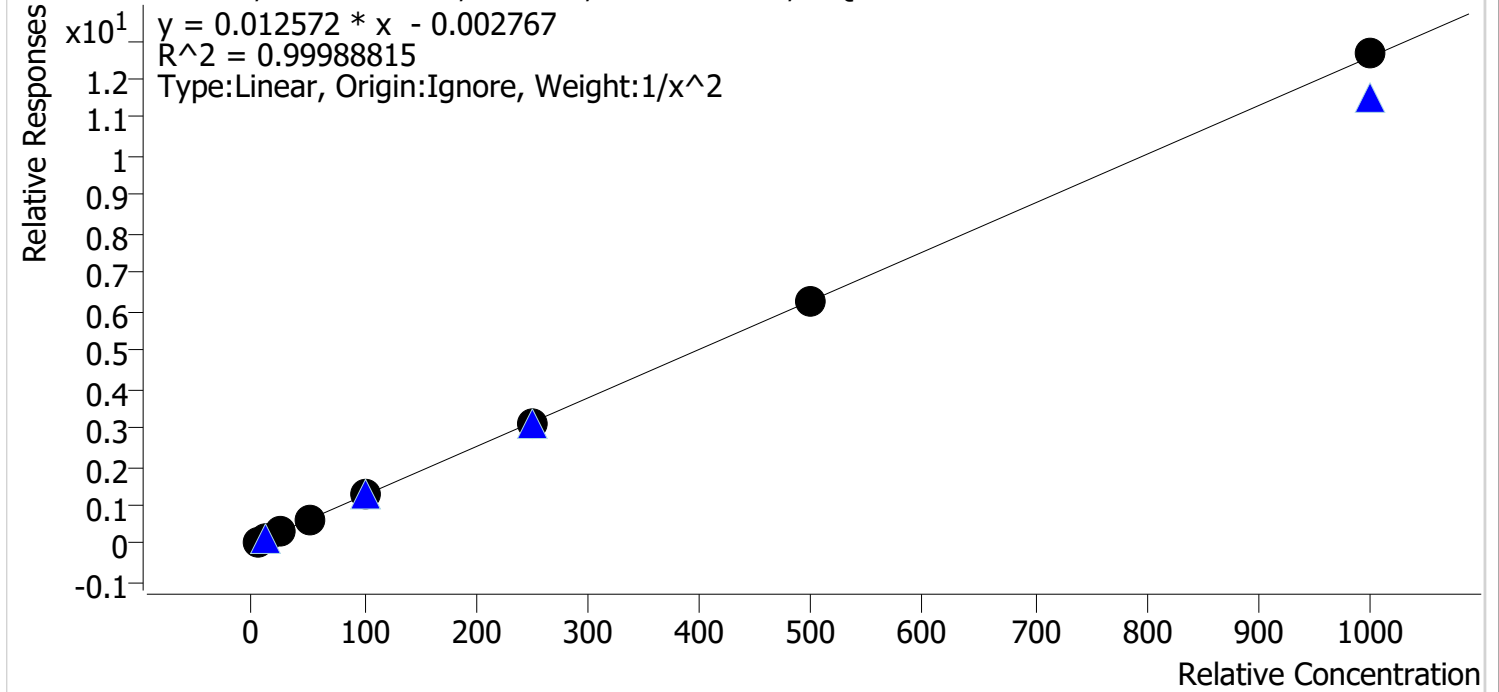
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Cocaine

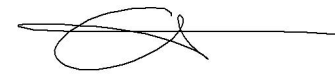
Internal Standard Cocaine-d3

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



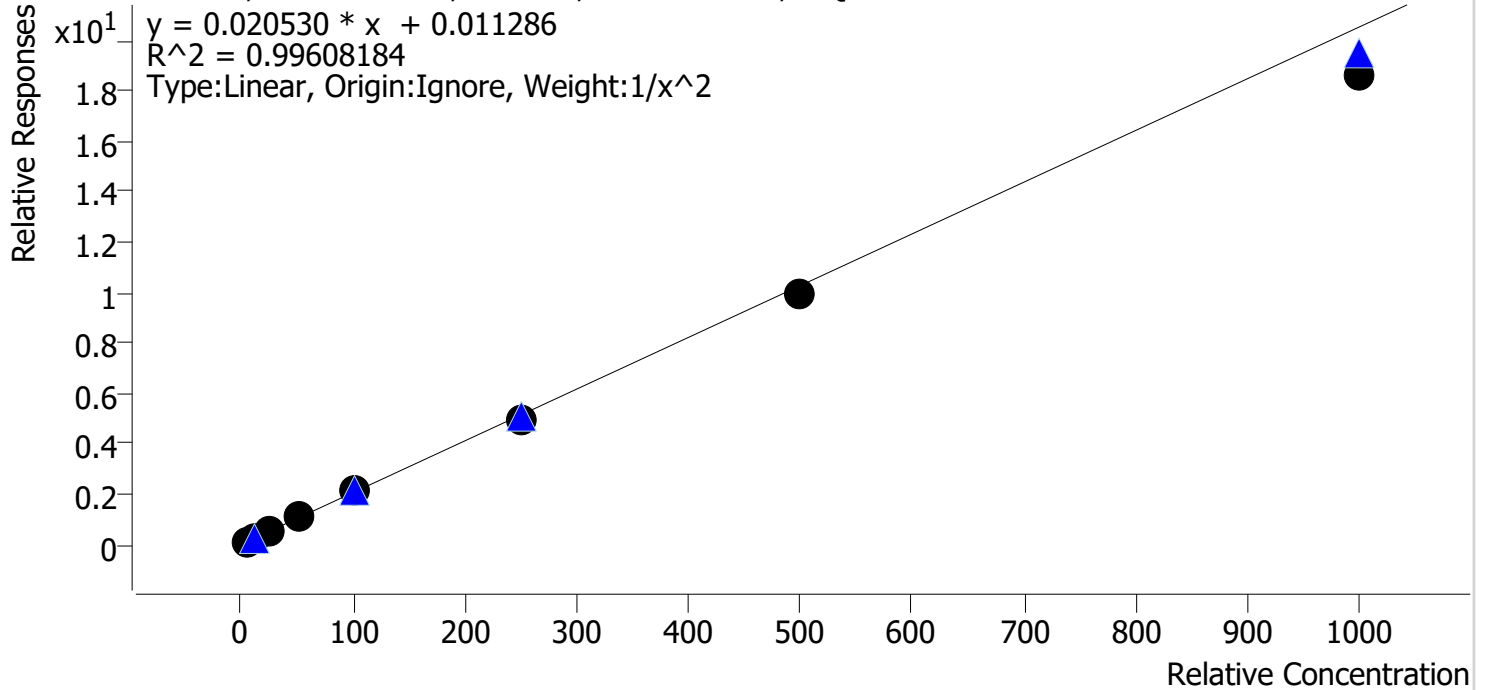
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	245.1	98.0
cal 7 mdq	7	✓	500.0	498.8	99.8
cal 8 mdq	8	✓	1000.0	1006.9	100.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



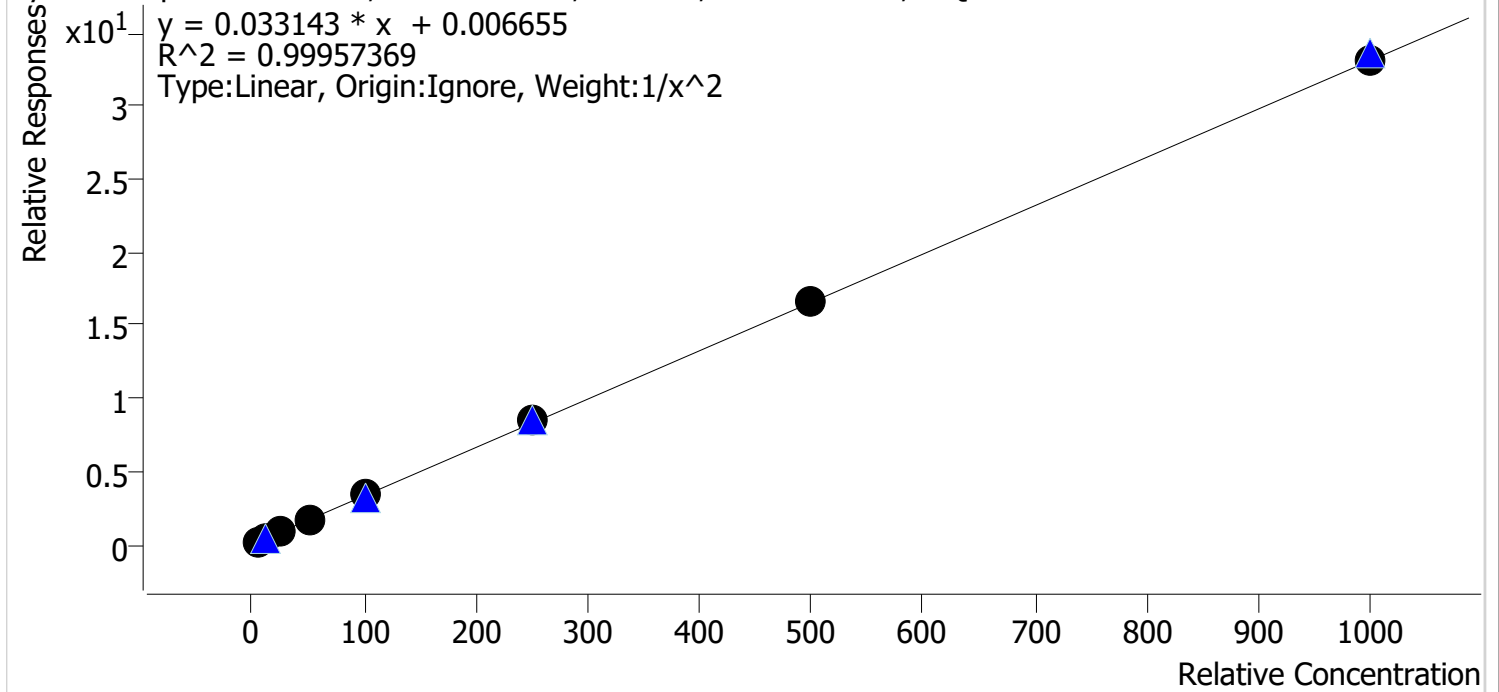
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	26.7	106.8
cal 4 mdq	4	✓	50.0	53.0	106.0
cal 5 mdq	5	✓	100.0	104.4	104.4
cal 6 mdq	6	✓	250.0	242.6	97.0
cal 7 mdq	7	✓	500.0	484.5	96.9
cal 8 mdq	8	✓	1000.0	908.8	90.9

Compound Calibration Report



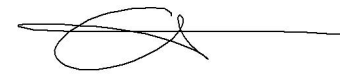
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



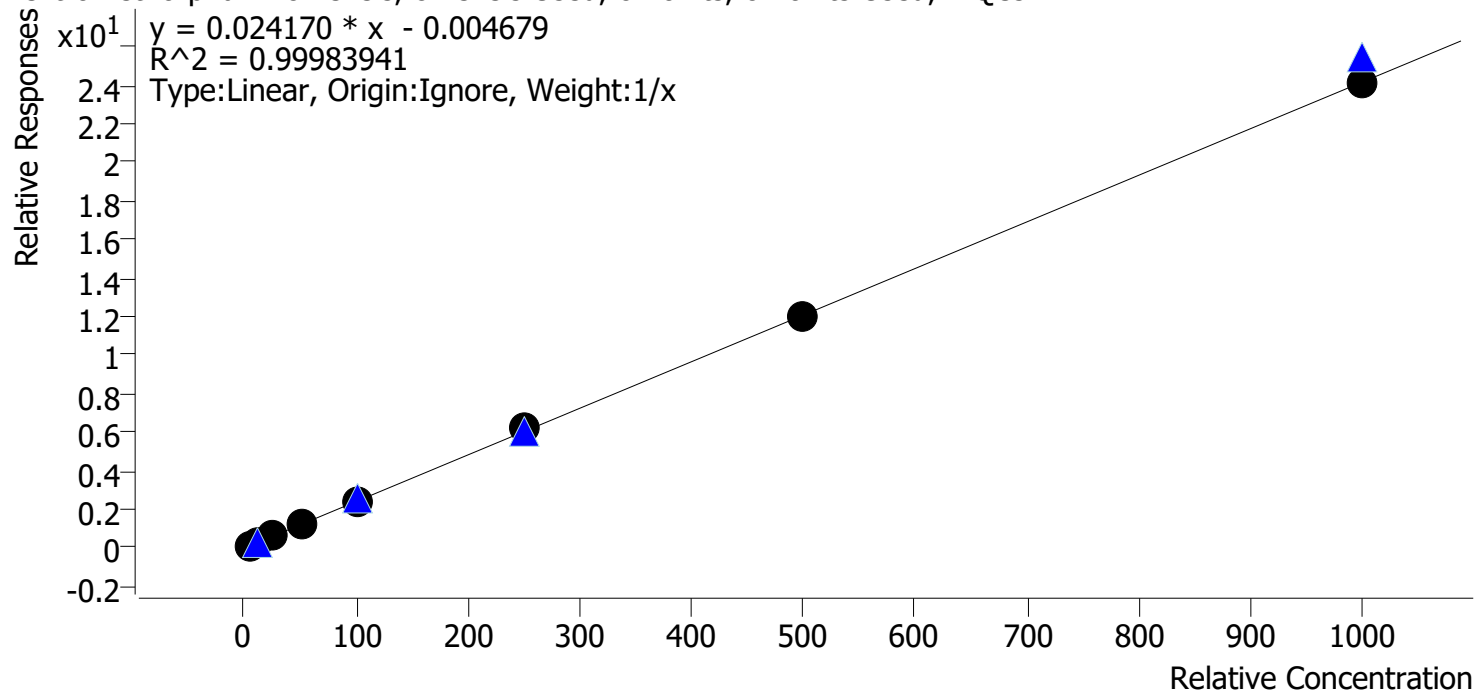
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	255.7	102.3
cal 7 mdq	7	✓	500.0	503.3	100.7
cal 8 mdq	8	✓	1000.0	1001.6	100.2

Compound Calibration Report



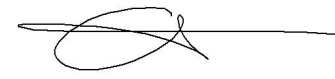
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



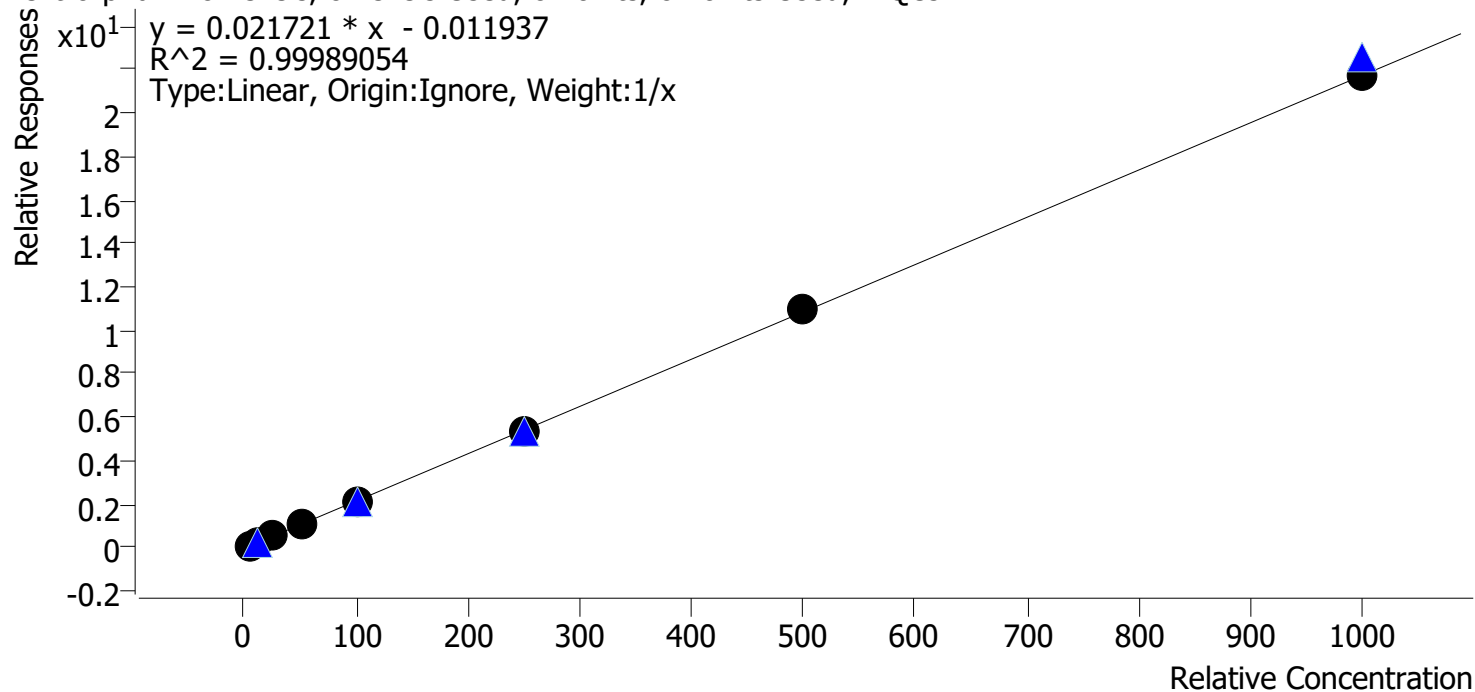
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.7	97.5
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	49.5	99.1
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	257.2	102.9
cal 7 mdq	7	✓	500.0	494.5	98.9
cal 8 mdq	8	✓	1000.0	999.3	99.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

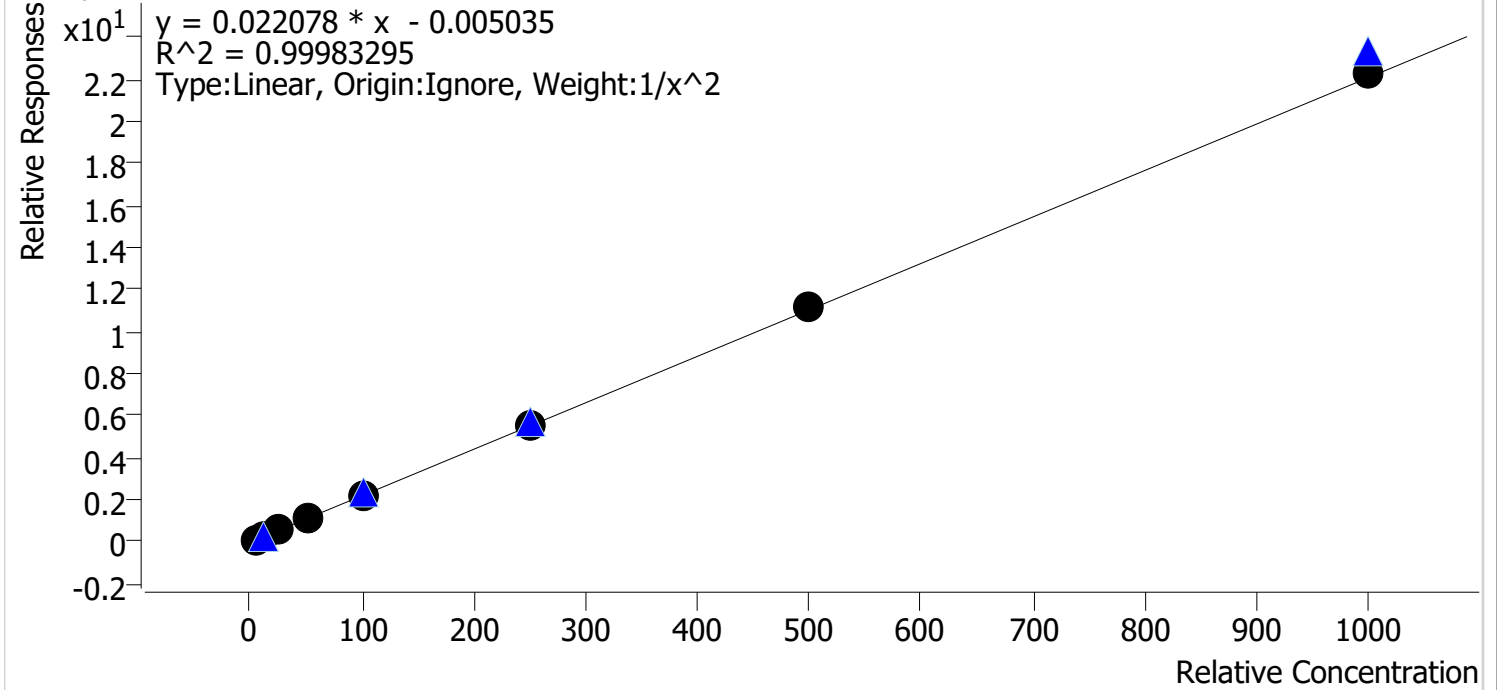


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	109.7
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	247.6	99.0
cal 7 mdq	7	✓	500.0	504.6	100.9
cal 8 mdq	8	✓	1000.0	1000.7	100.1

Compound Calibration Report

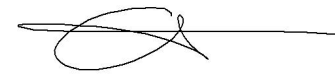
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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	5.0	100.8
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	249.6	99.9
cal 7 mdq	7	✓	500.0	503.2	100.6
cal 8 mdq	8	✓	1000.0	1013.3	101.3

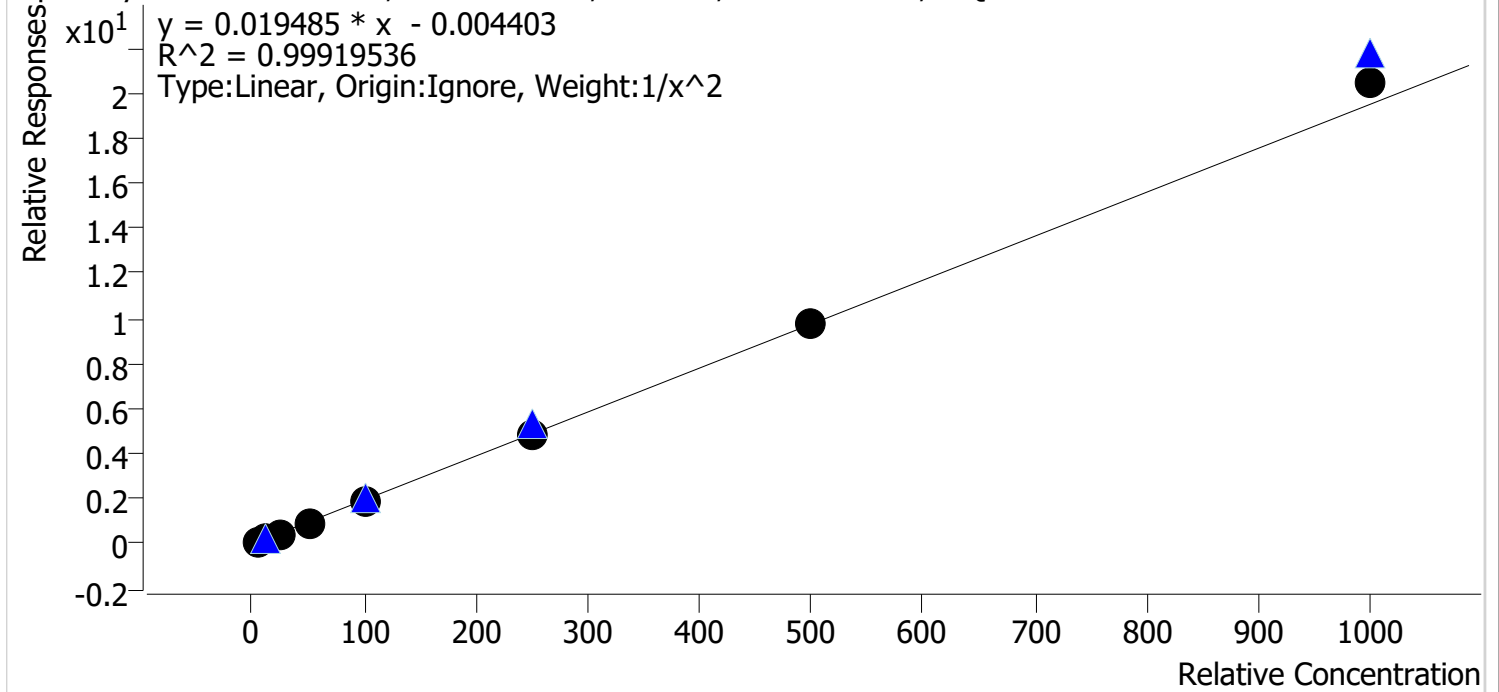
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine

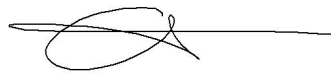
Internal Standard Diphenhydramine-D3

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



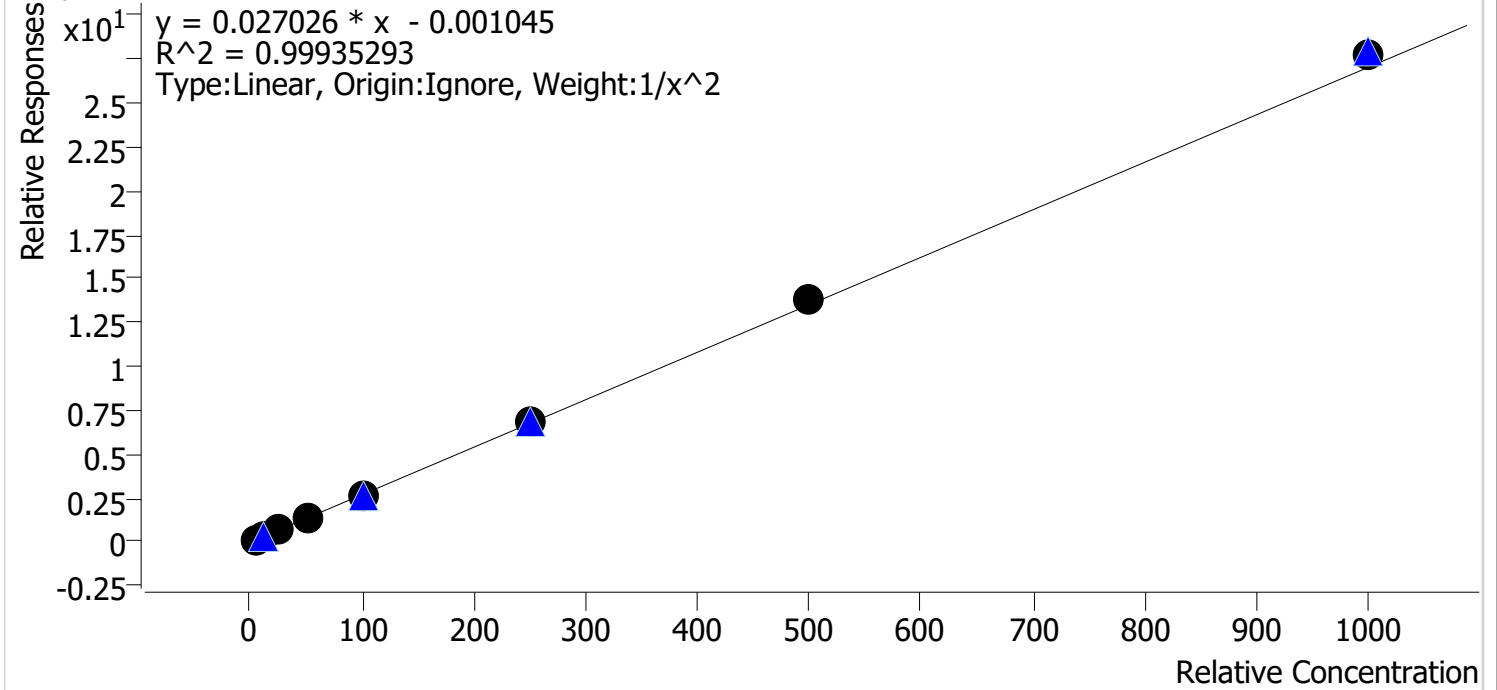
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	48.4	96.8
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	1045.7	104.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

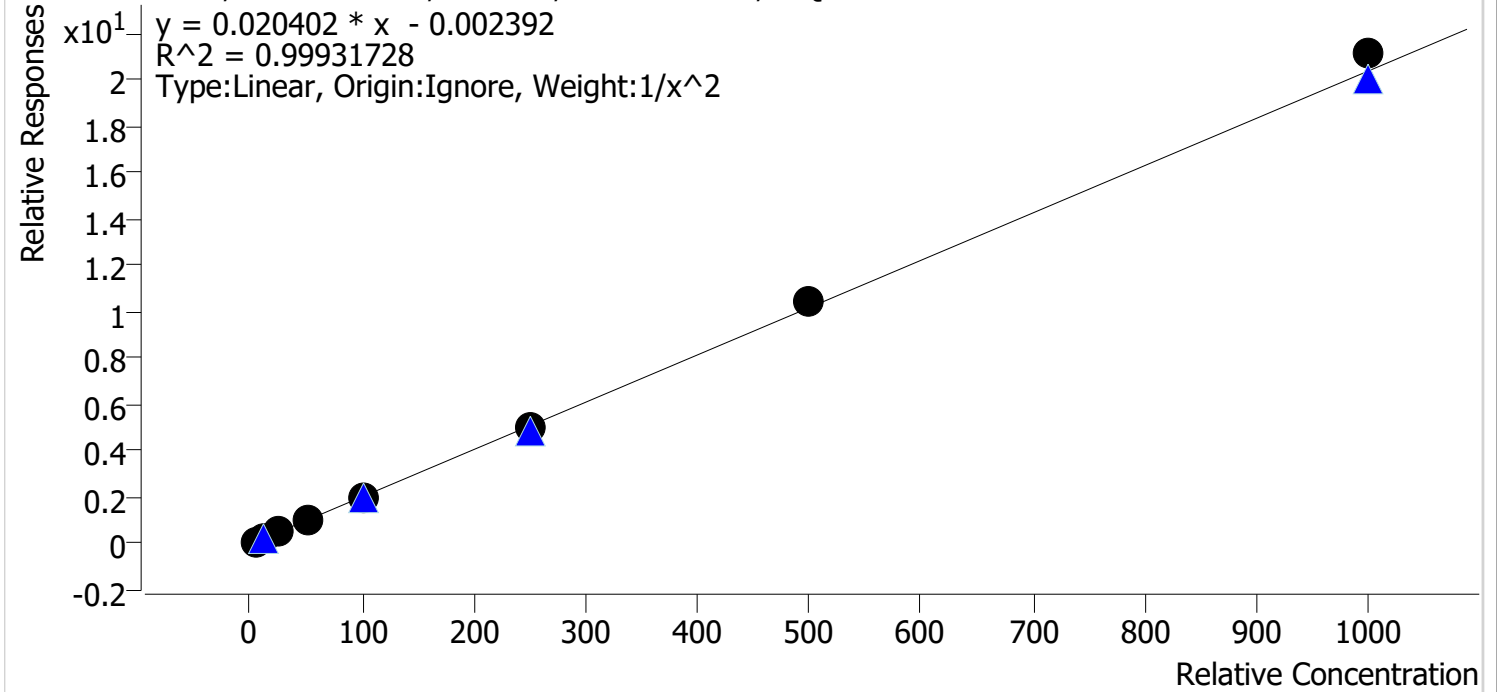


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	49.2	98.5
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	254.4	101.8
cal 7 mdq	7	✓	500.0	508.0	101.6
cal 8 mdq	8	✓	1000.0	1023.0	102.3

Compound Calibration Report

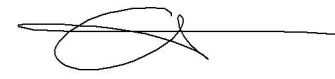
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



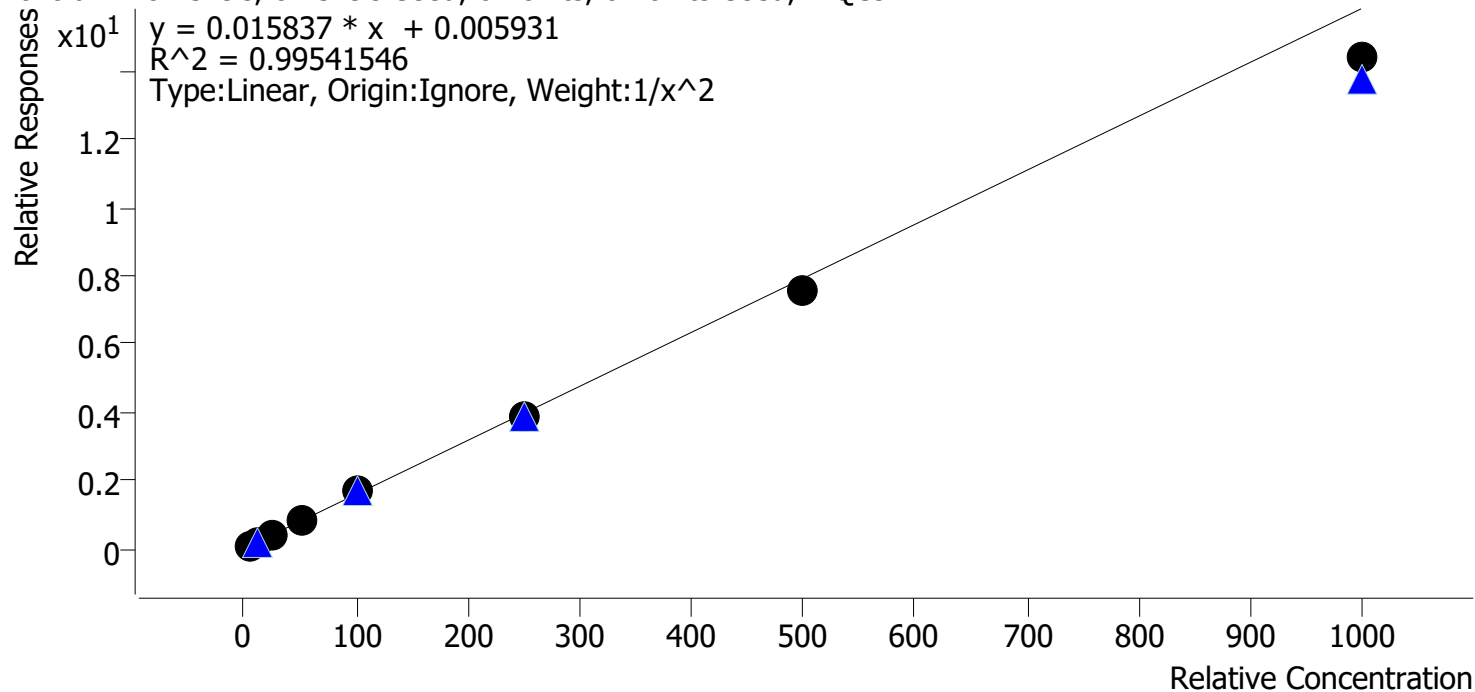
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	513.8	102.8
cal 8 mdq	8	✓	1000.0	1036.9	103.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



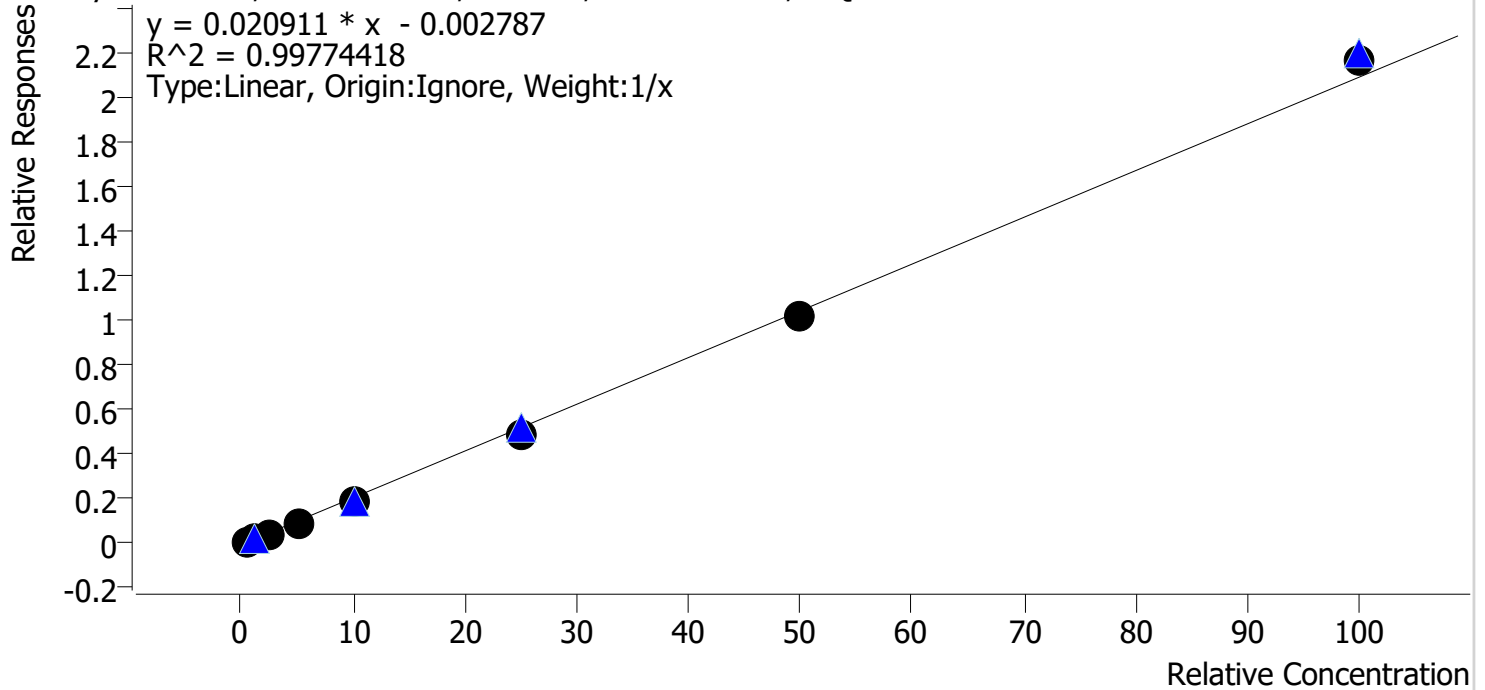
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	53.7	107.4
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	243.8	97.5
cal 7 mdq	7	✓	500.0	474.5	94.9
cal 8 mdq	8	✓	1000.0	908.7	90.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

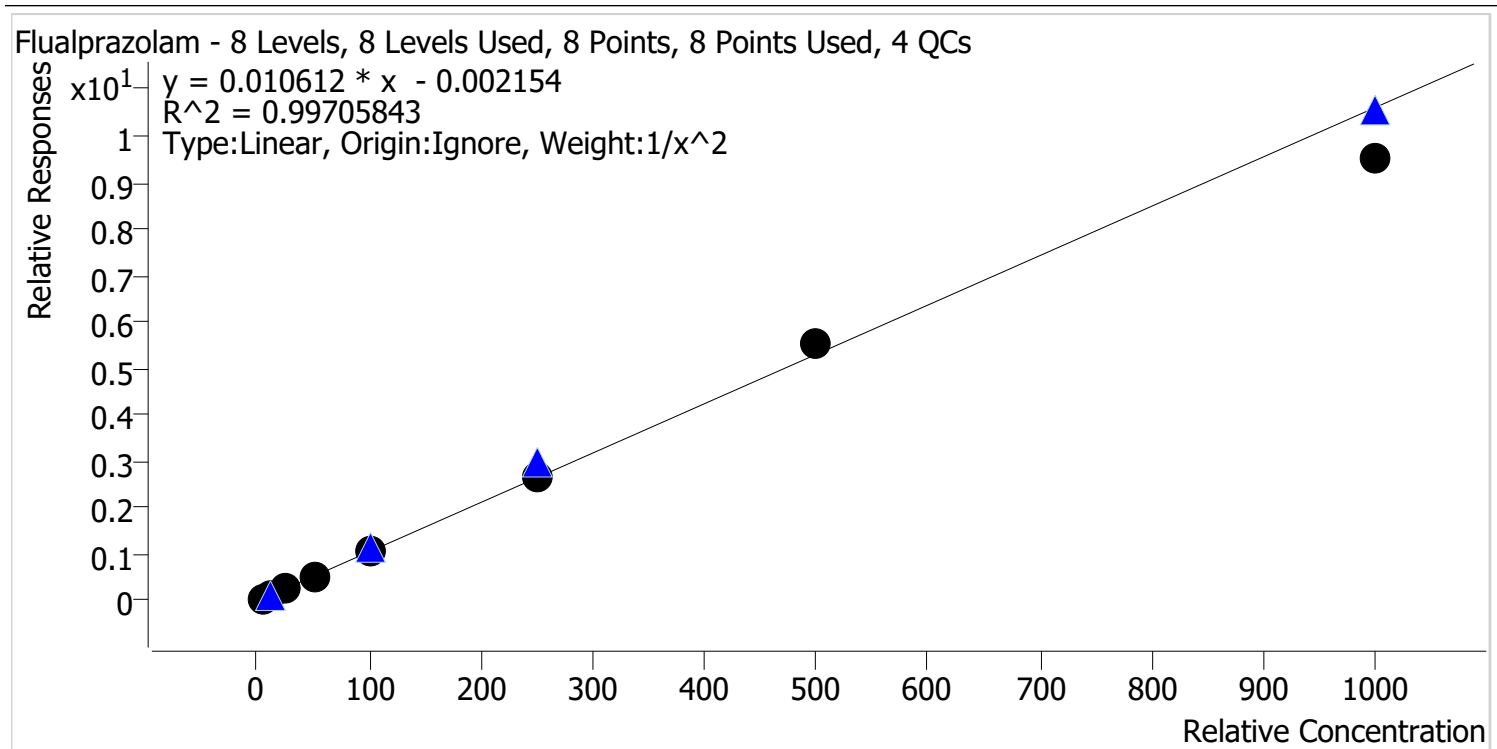


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	117.6
cal 2 mdq	2	✓	1.0	1.0	103.5
cal 3 mdq	3	✓	2.5	2.4	96.4
cal 4 mdq	4	✓	5.0	4.7	93.7
cal 5 mdq	5	✓	10.0	9.5	94.8
cal 6 mdq	6	✓	25.0	23.1	92.4
cal 7 mdq	7	✓	50.0	48.7	97.5
cal 8 mdq	8	✓	100.0	104.0	104.0

Compound Calibration Report

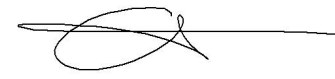


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



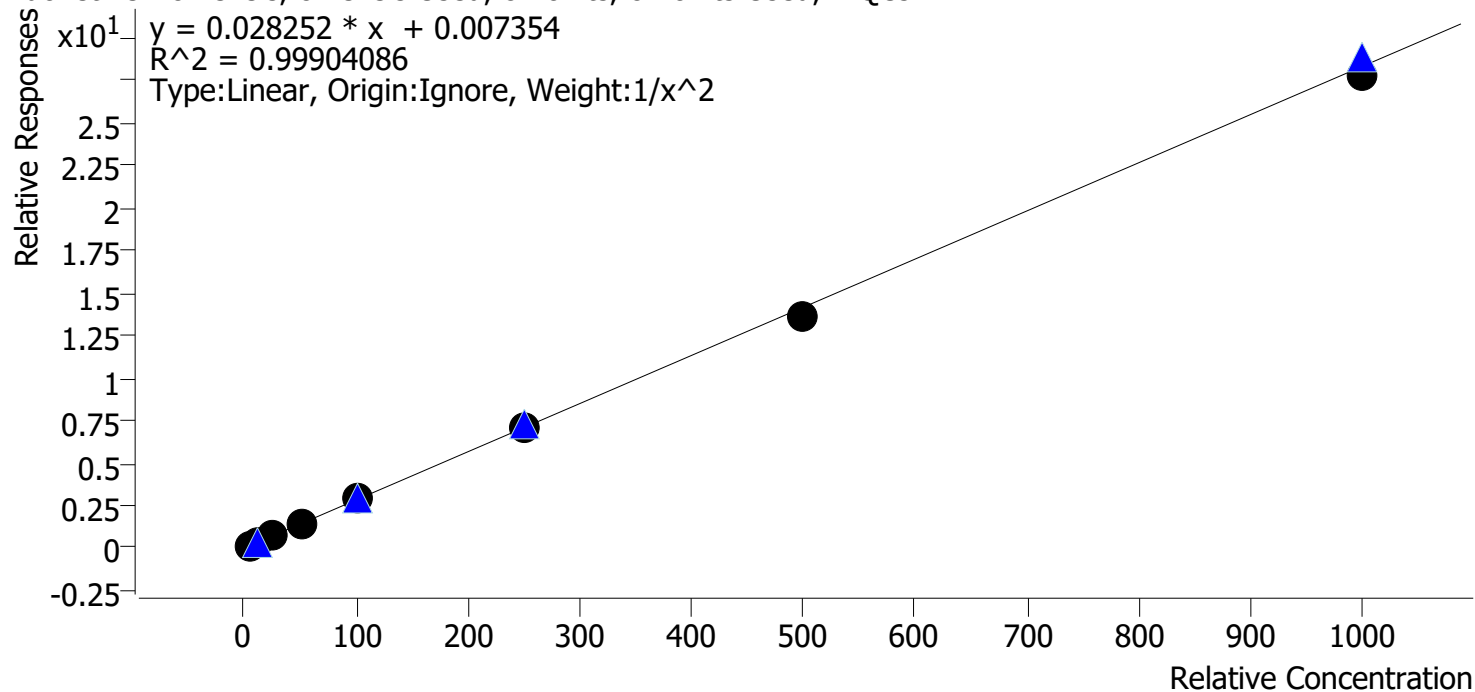
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	253.3	101.3
cal 7 mdq	7	✓	500.0	522.2	104.4
cal 8 mdq	8	✓	1000.0	896.1	89.6

Compound Calibration Report



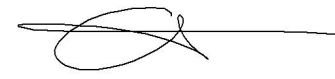
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



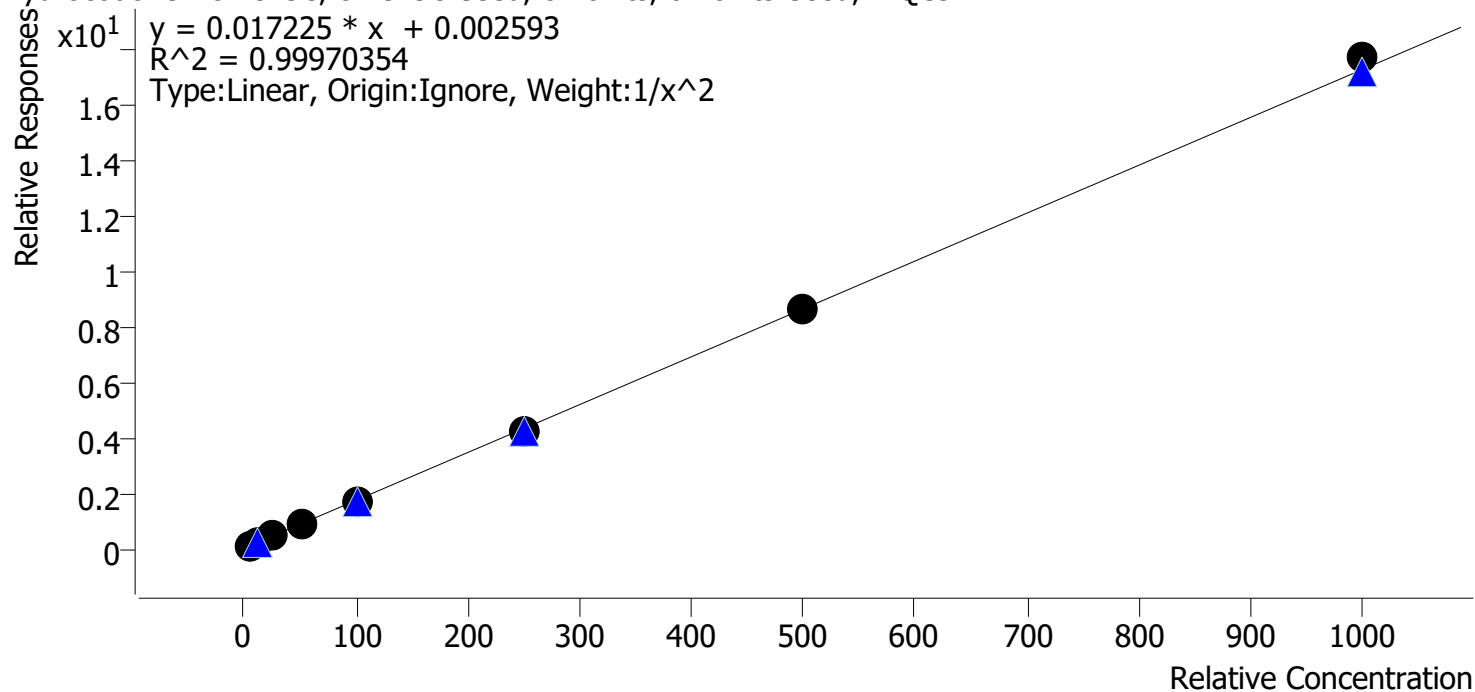
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdq	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	50.1	100.1
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	483.5	96.7
cal 8 mdq	8	✓	1000.0	978.3	97.8

Compound Calibration Report



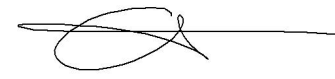
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



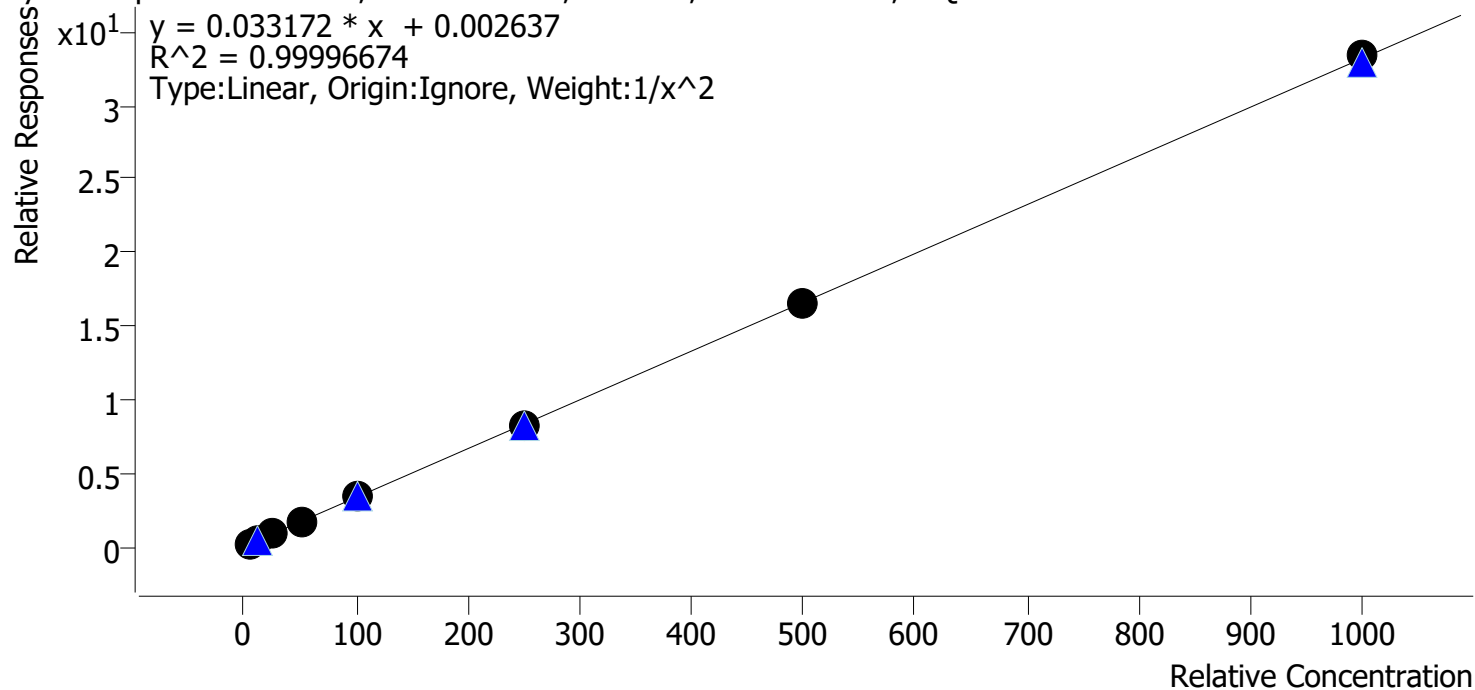
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	245.2	98.1
cal 7 mdq	7	✓	500.0	500.4	100.1
cal 8 mdq	8	✓	1000.0	1025.1	102.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

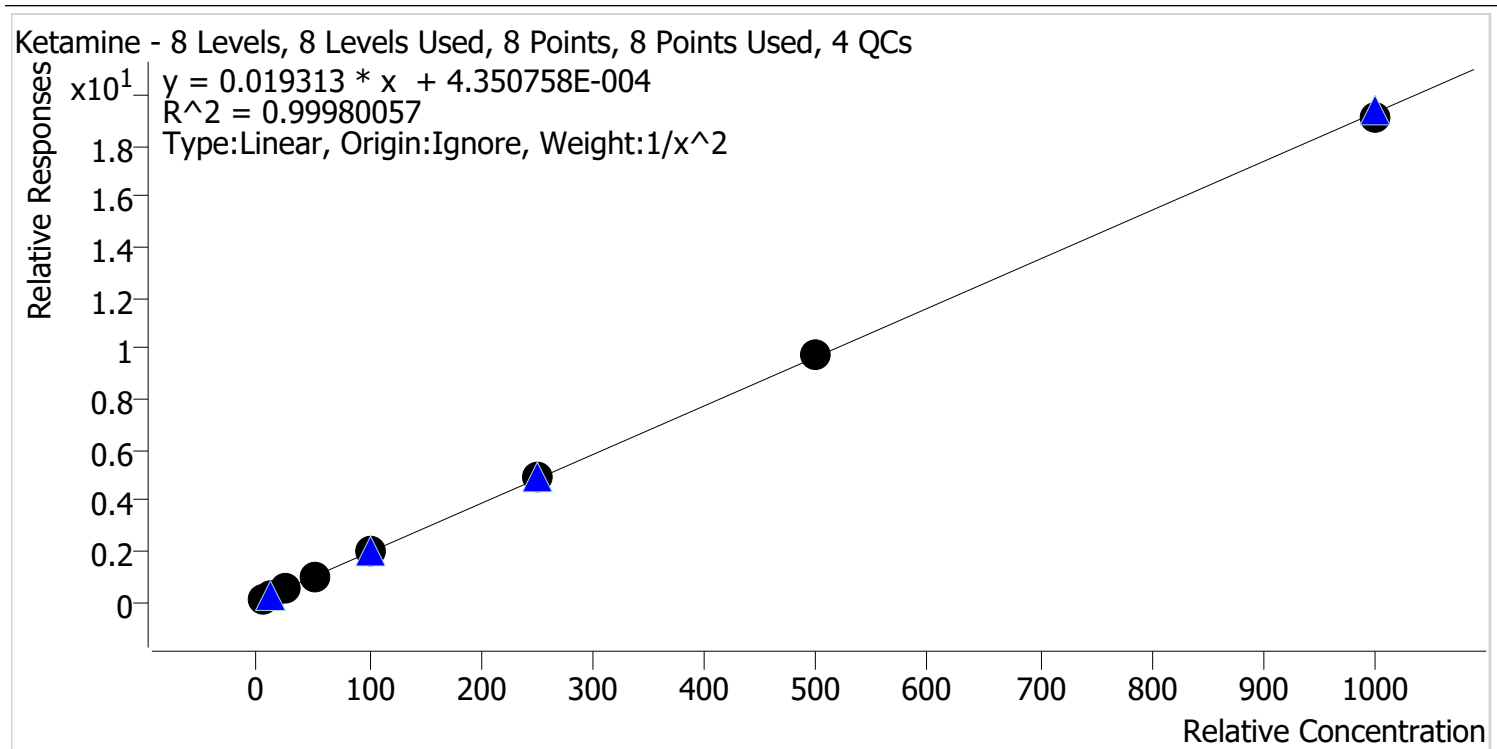
Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	250.6	100.2
cal 7 mdq	7	✓	500.0	497.4	99.5
cal 8 mdq	8	✓	1000.0	1005.8	100.6

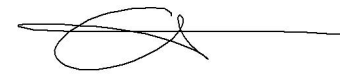
Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



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	98.1
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	253.4	101.4
cal 7 mdq	7	✓	500.0	504.5	100.9
cal 8 mdq	8	✓	1000.0	991.3	99.1

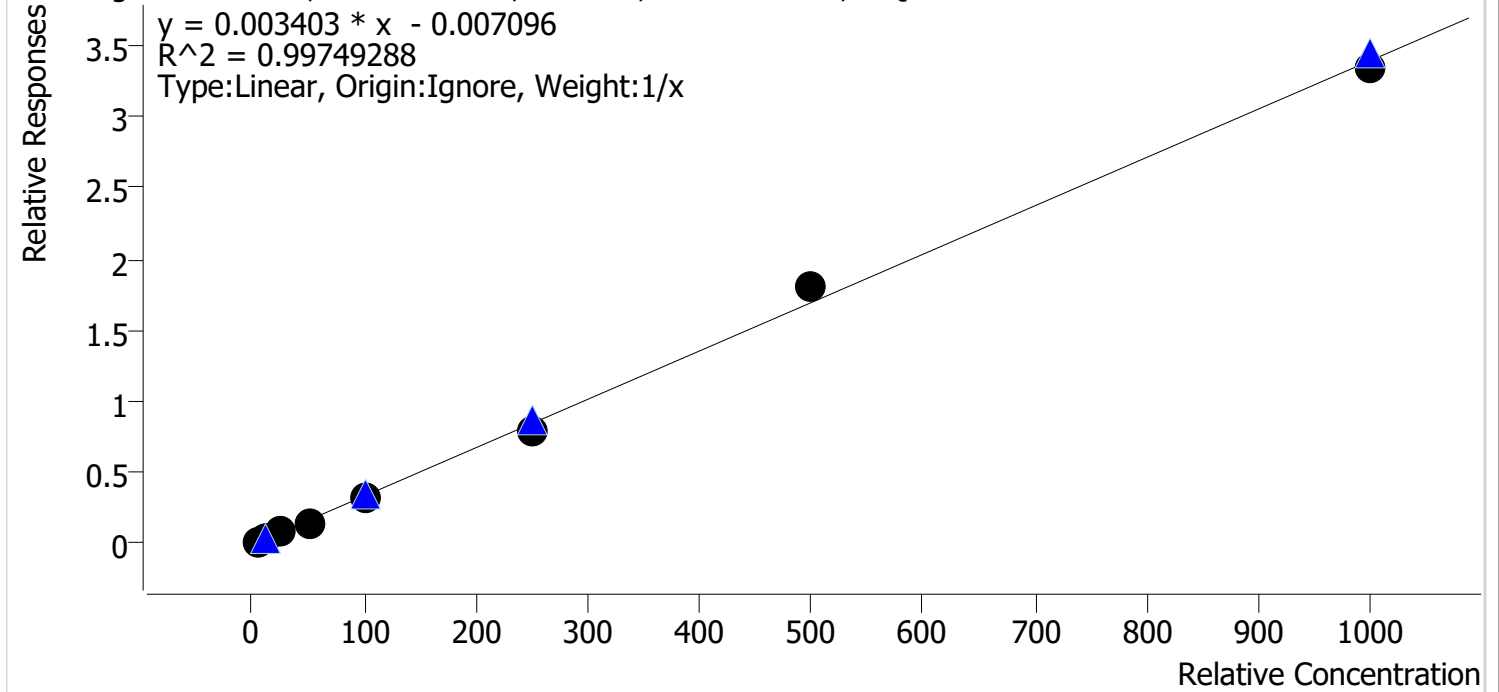
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Lamotrigine

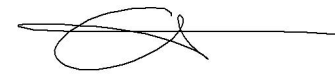
Internal Standard MDA-D5

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



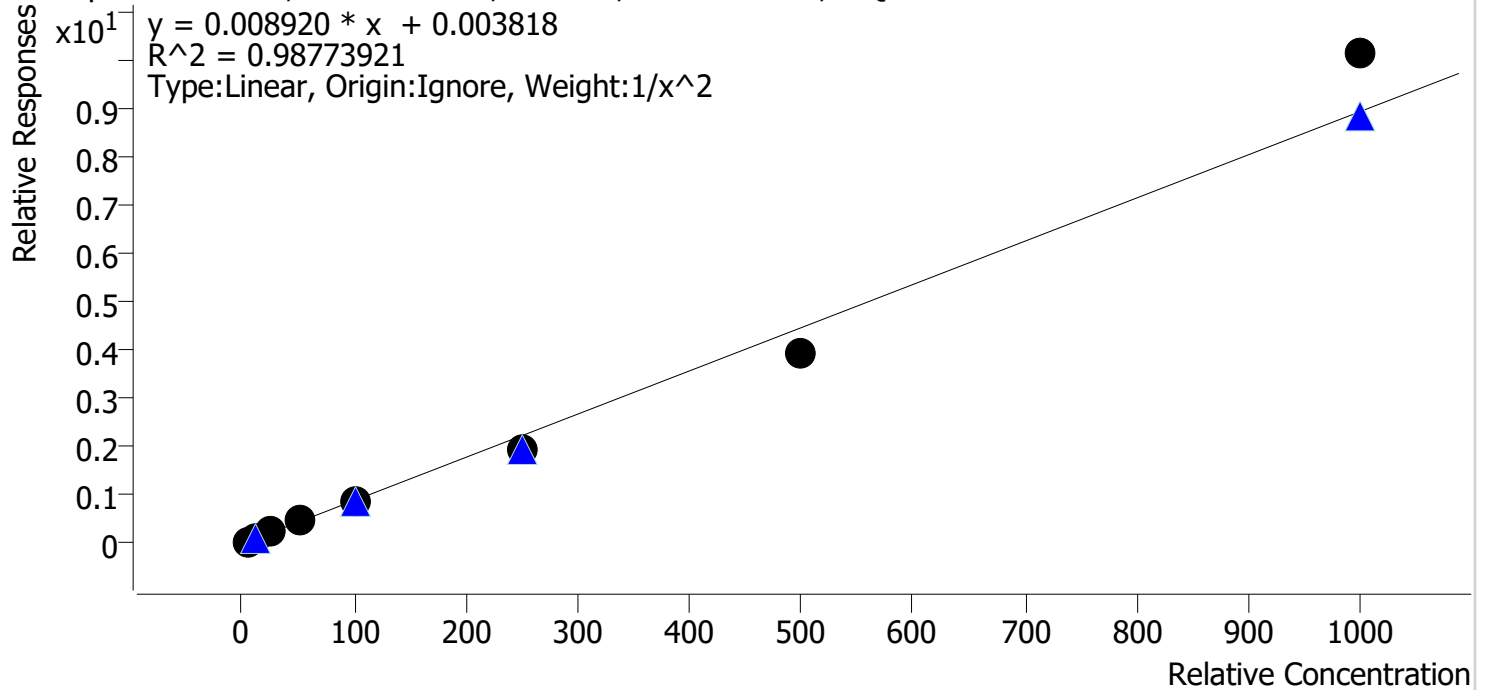
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.7	113.5
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	46.2	92.4
cal 5 mdq	5	✓	100.0	95.1	95.1
cal 6 mdq	6	✓	250.0	234.7	93.9
cal 7 mdq	7	✓	500.0	536.6	107.3
cal 8 mdq	8	✓	1000.0	987.5	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



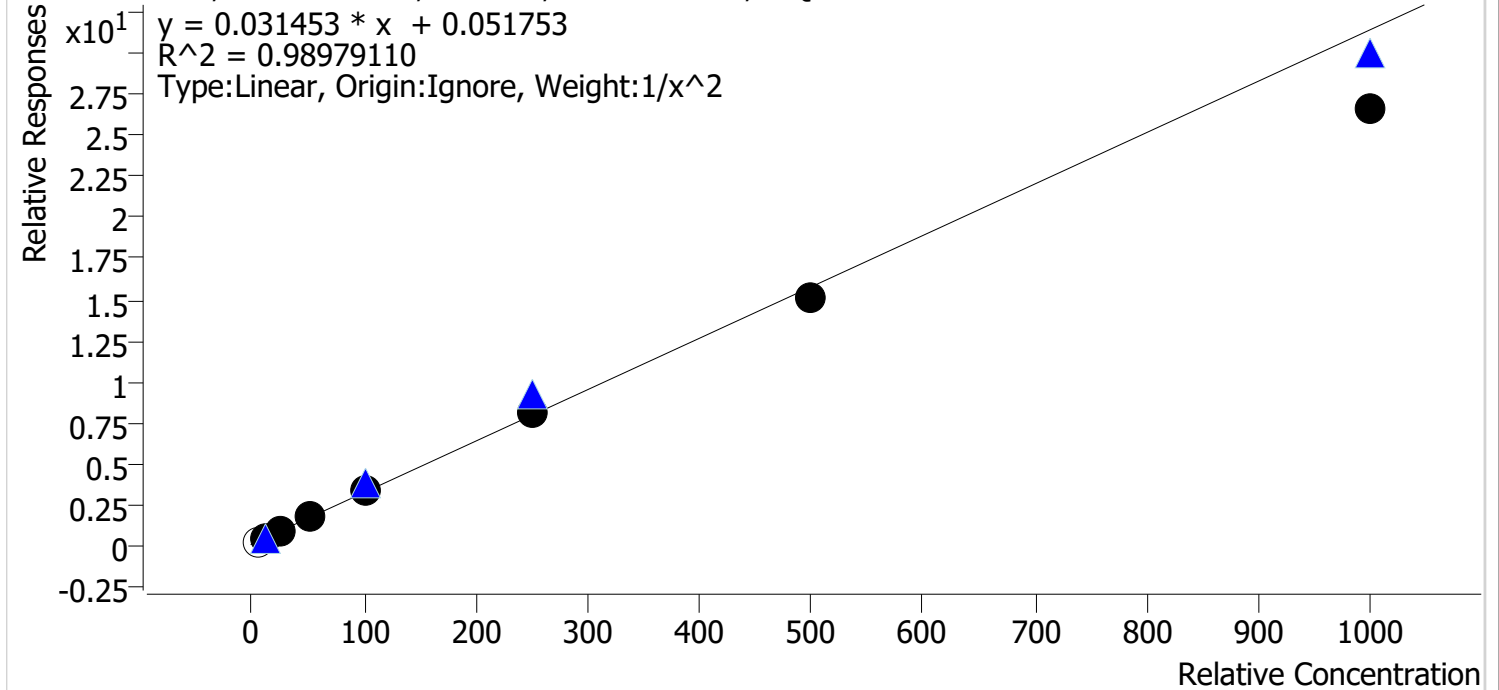
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.1
cal 2 mdq	2	✓	10.0	10.9	109.1
cal 3 mdq	3	✓	25.0	27.0	108.1
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	95.0	95.0
cal 6 mdq	6	✓	250.0	221.1	88.5
cal 7 mdq	7	✓	500.0	444.4	88.9
cal 8 mdq	8	✓	1000.0	1134.1	113.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 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	x	5.0	4.1	82.7
cal 2 mdq	2	✓	10.0	9.5	94.8
cal 3 mdq	3	✓	25.0	27.0	107.9
cal 4 mdq	4	✓	50.0	53.8	107.6
cal 5 mdq	5	✓	100.0	107.2	107.2
cal 6 mdq	6	✓	250.0	254.3	101.7
cal 7 mdq	7	✓	500.0	480.7	96.1
cal 8 mdq	8	✓	1000.0	846.0	84.6

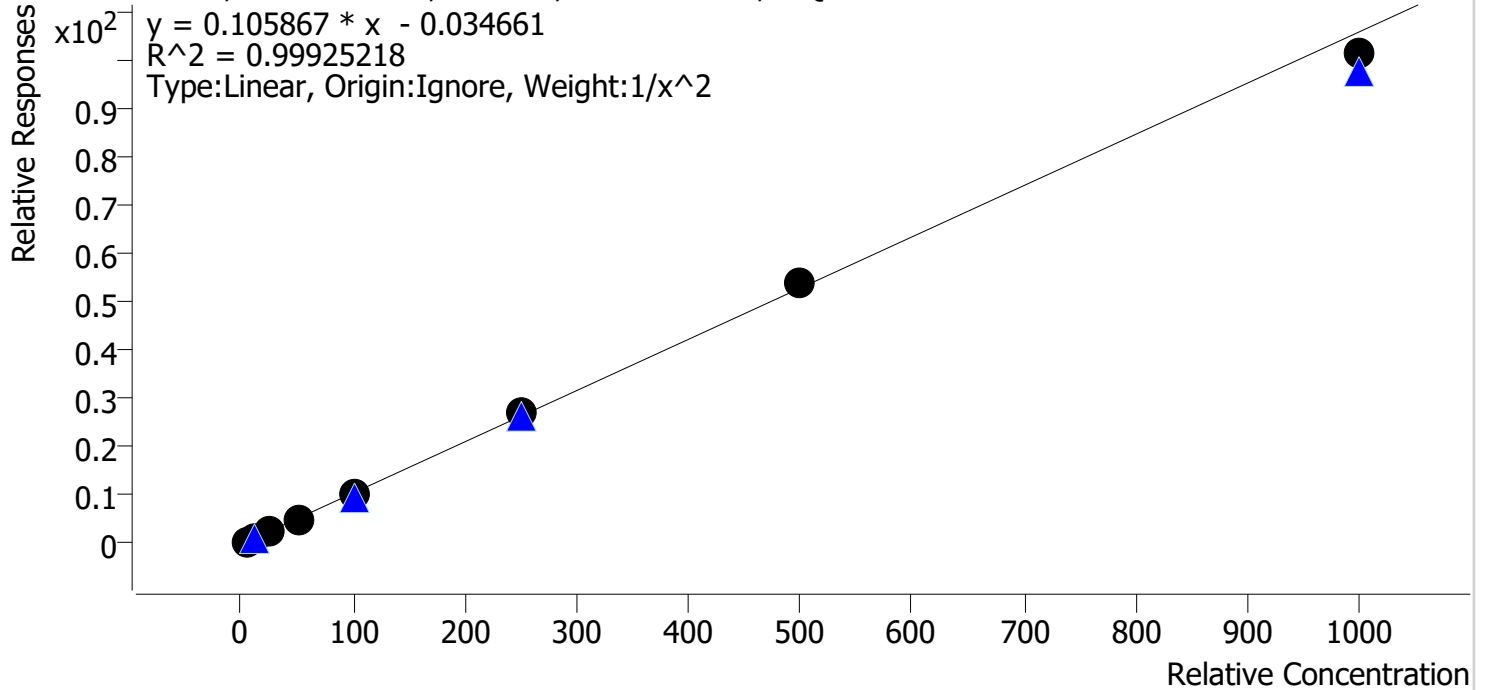
dropped cal 1 due to ratio being out of range.

Compound Calibration Report



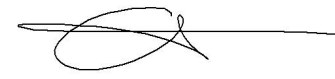
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



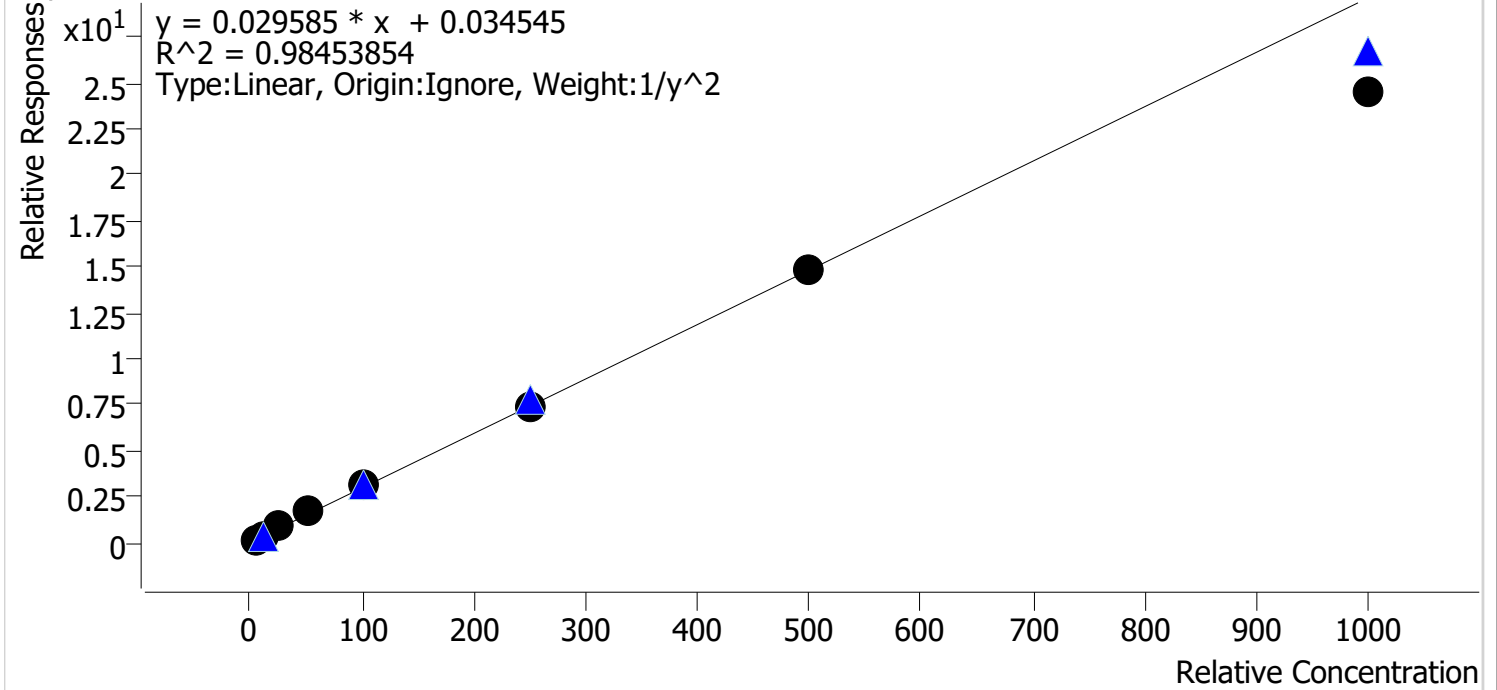
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	25.3	101.4
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	255.9	102.4
cal 7 mdq	7	✓	500.0	509.2	101.8
cal 8 mdq	8	✓	1000.0	957.7	95.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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

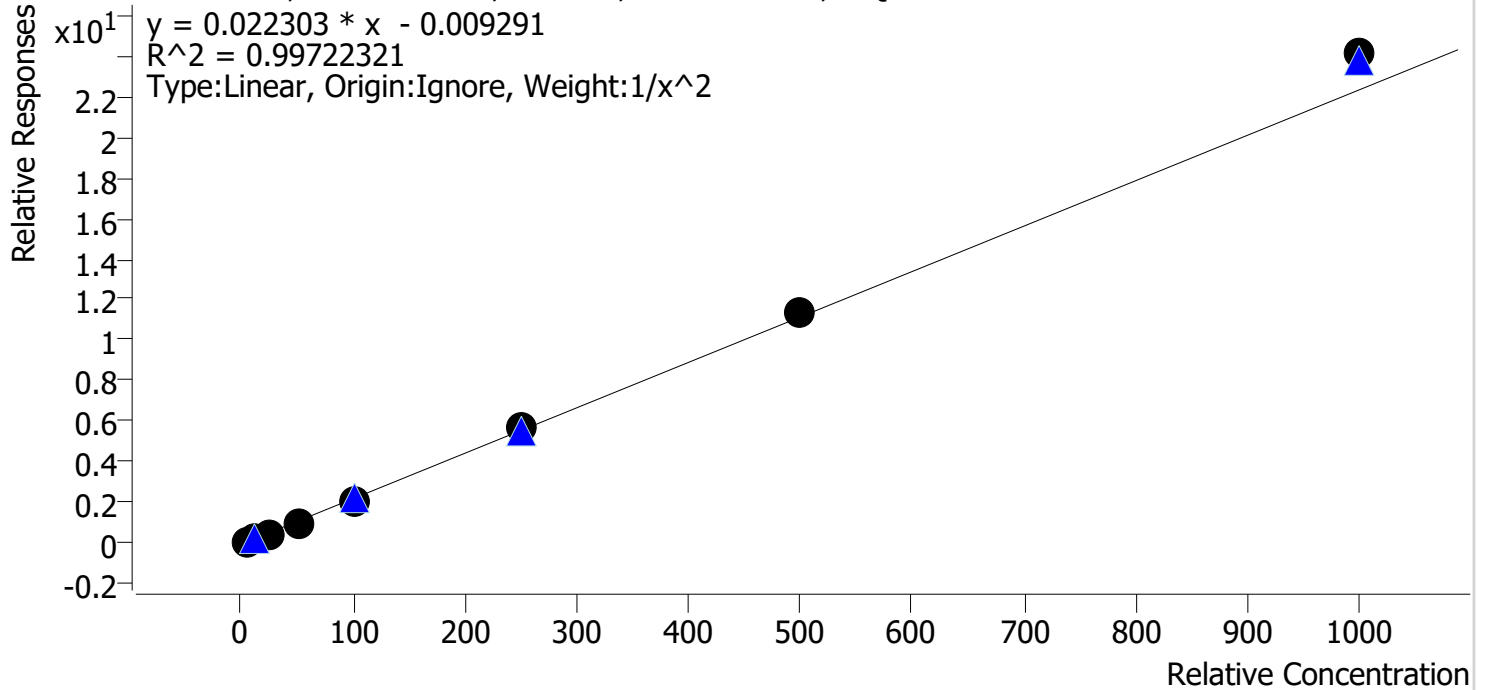


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.6
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	28.5	113.9
cal 4 mdq	4	✓	50.0	56.6	113.2
cal 5 mdq	5	✓	100.0	108.3	108.3
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	500.6	100.1
cal 8 mdq	8	✓	1000.0	825.9	82.6

Compound Calibration Report

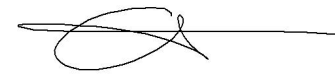
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



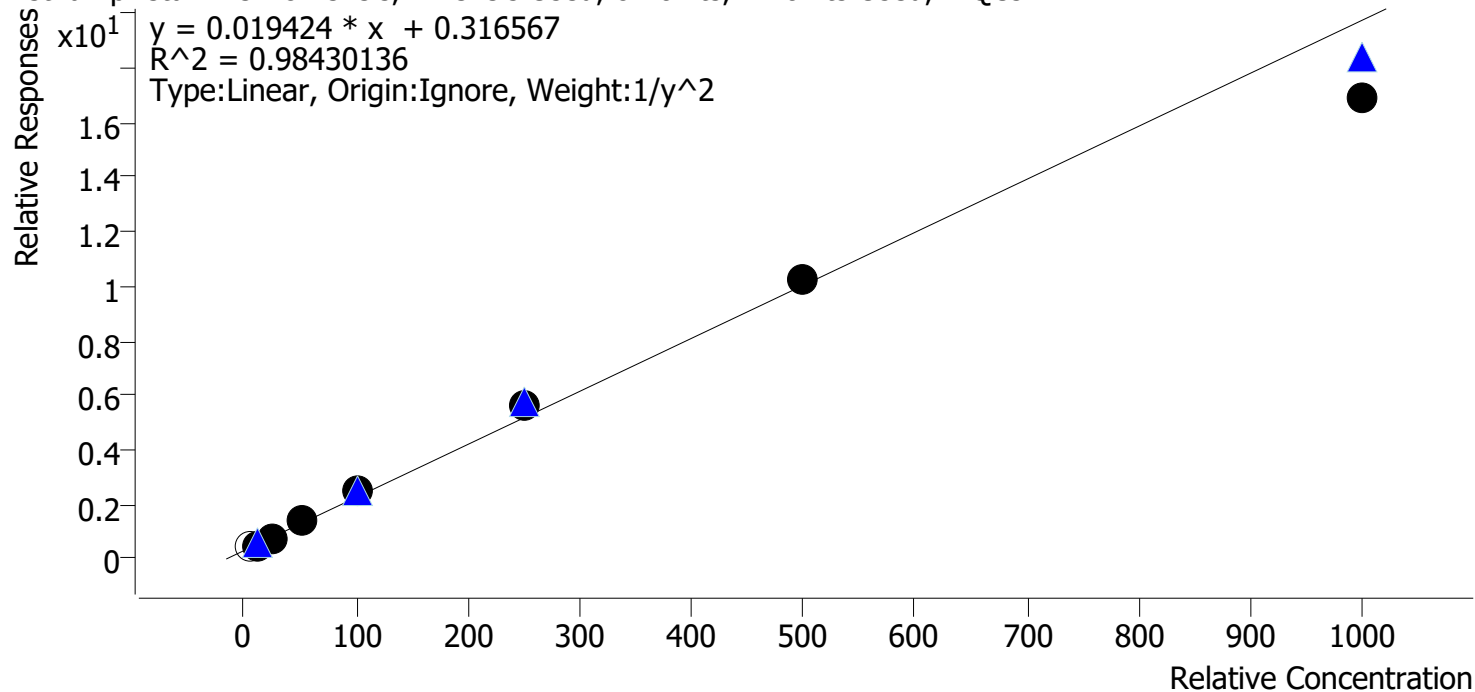
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	48.1	96.1
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	513.6	102.7
cal 8 mdq	8	✓	1000.0	1079.9	108.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

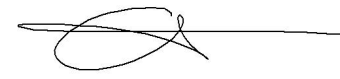
Methamphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	8.8	176.8
cal 2 mdq	2	✓	10.0	9.4	93.6
cal 3 mdq	3	✓	25.0	23.4	93.6
cal 4 mdq	4	✓	50.0	55.4	110.7
cal 5 mdq	5	✓	100.0	113.5	113.5
cal 6 mdq	6	✓	250.0	276.7	110.7
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✓	1000.0	855.4	85.5

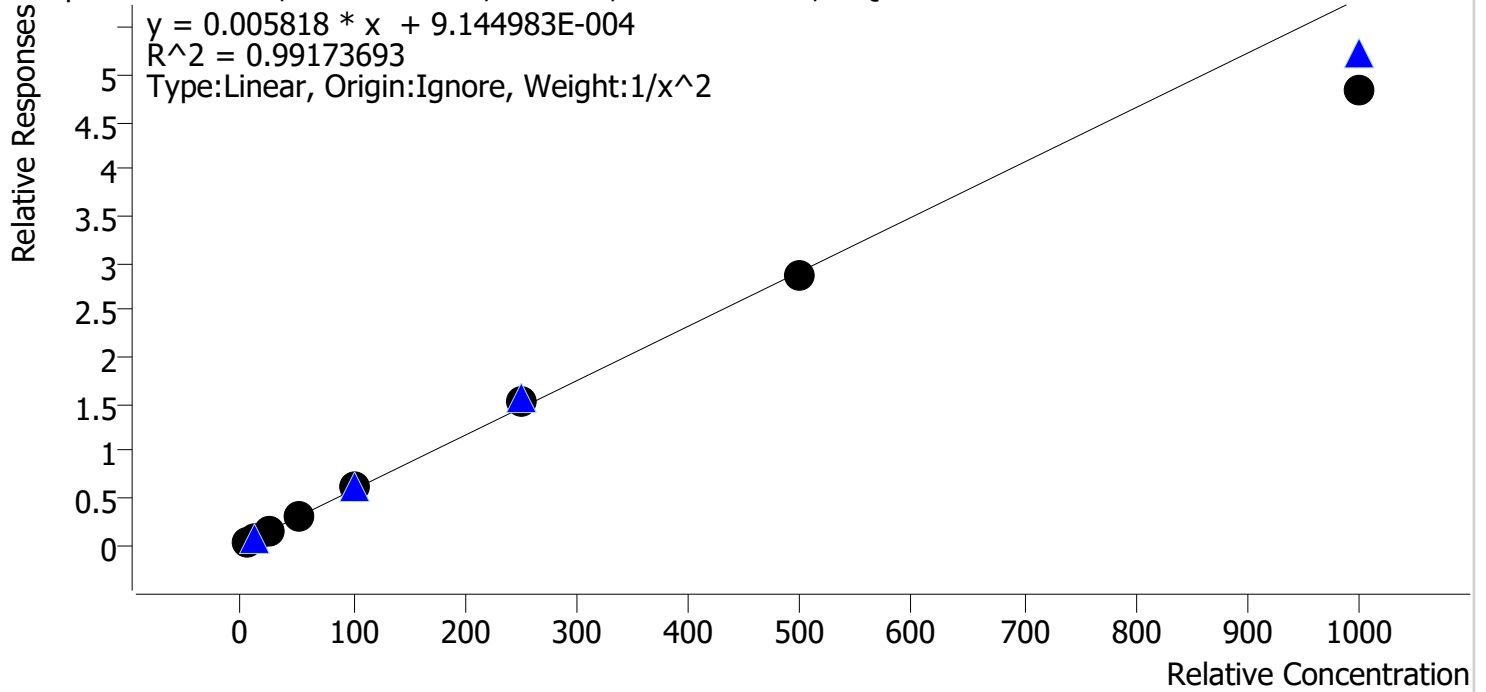
dropped cal 1 due to accuracy

Compound Calibration Report



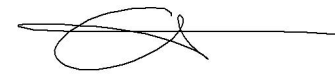
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Amphetamine-D11

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



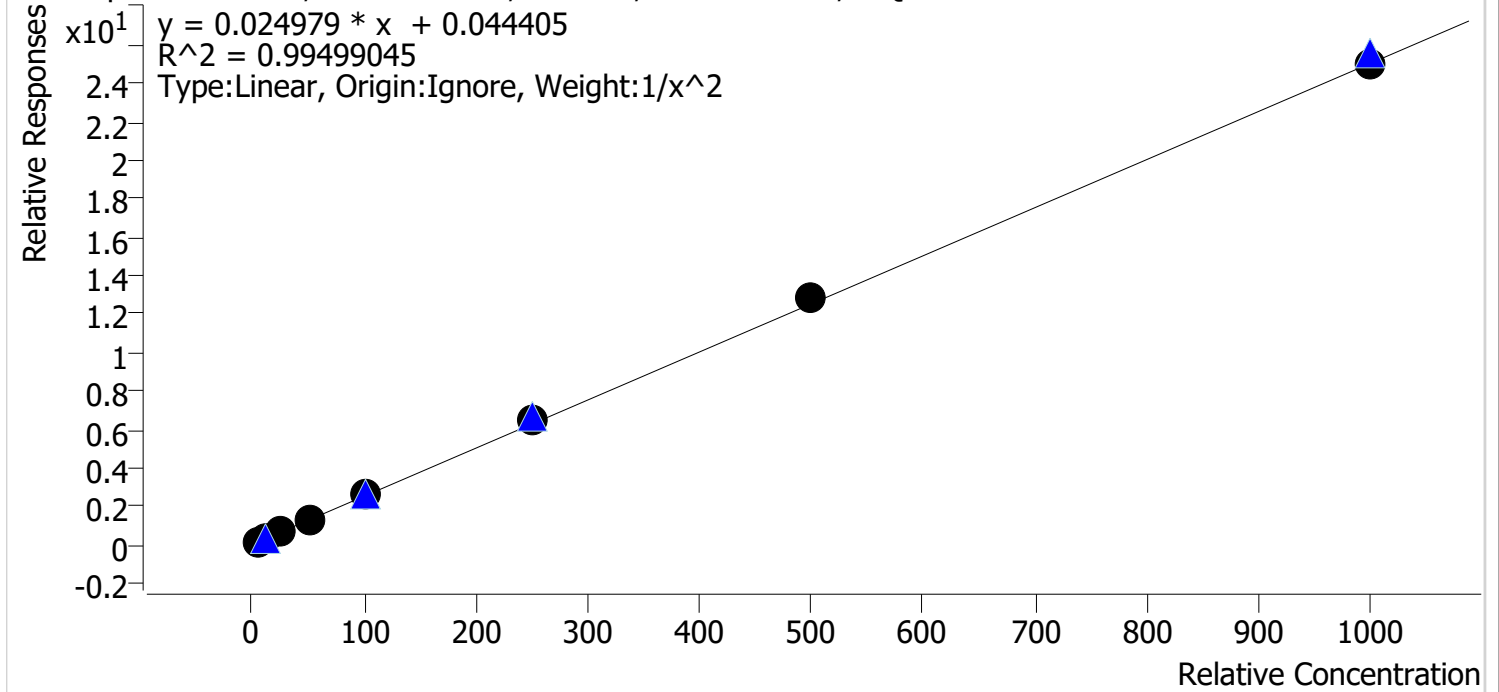
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.4	94.3
cal 3 mdq	3	✓	25.0	26.1	104.2
cal 4 mdq	4	✓	50.0	53.2	106.3
cal 5 mdq	5	✓	100.0	107.2	107.2
cal 6 mdq	6	✓	250.0	262.2	104.9
cal 7 mdq	7	✓	500.0	492.9	98.6
cal 8 mdq	8	✓	1000.0	835.6	83.6

Compound Calibration Report



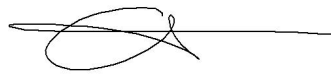
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.9
cal 2 mdq	2	✓	10.0	8.7	87.4
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	104.7	104.7
cal 6 mdq	6	✓	250.0	257.6	103.0
cal 7 mdq	7	✓	500.0	511.8	102.4
cal 8 mdq	8	✓	1000.0	999.7	100.0

Compound Calibration Report

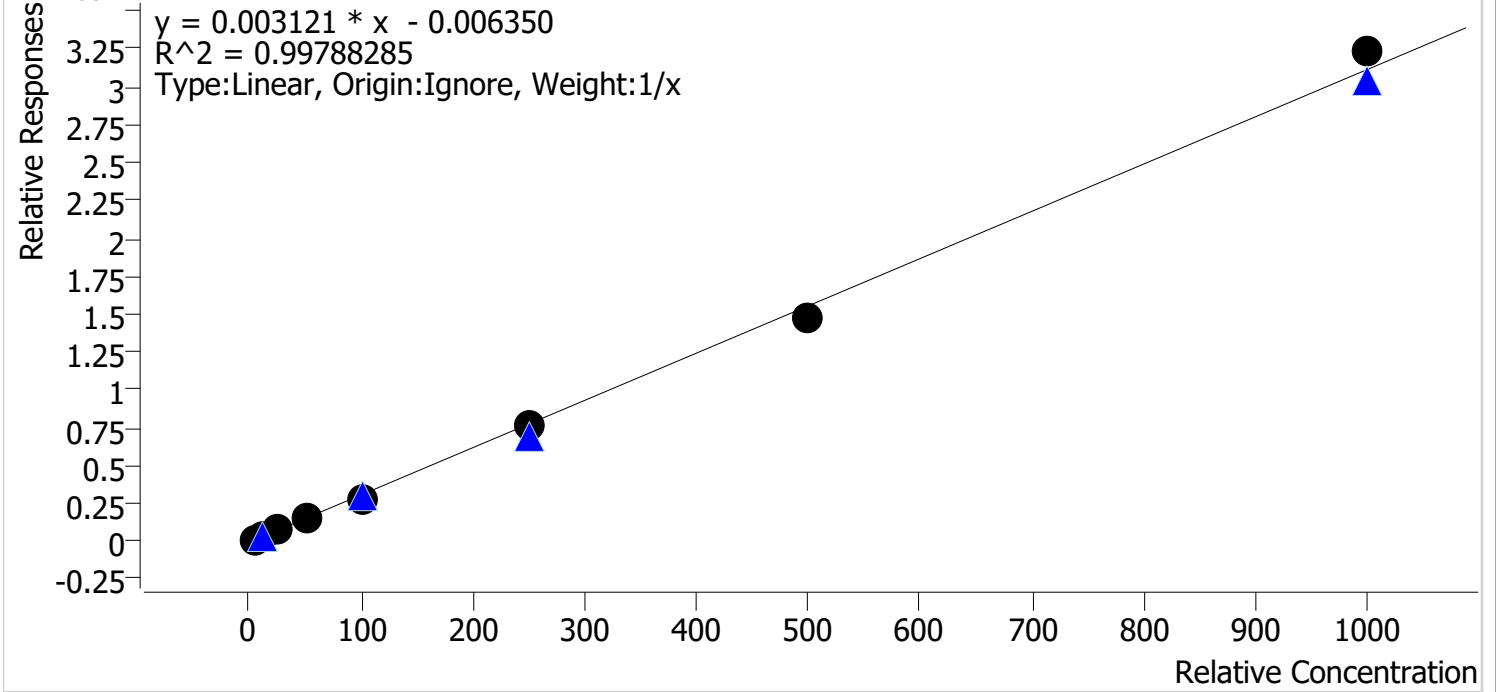


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Mitragynine

Internal Standard

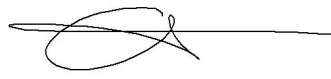
Pseudoephedrine-D3

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



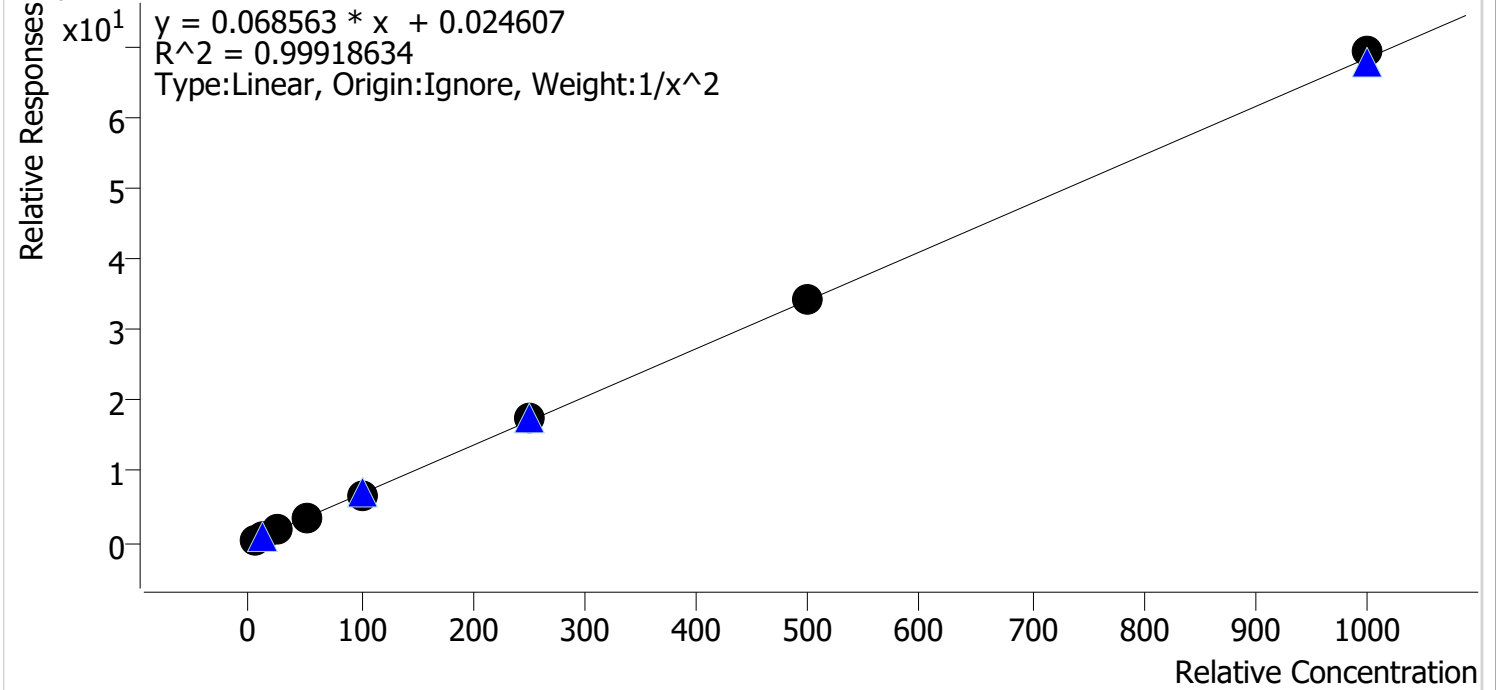
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	11.0	109.8
cal 3 mdq	3	✓	25.0	25.7	102.8
cal 4 mdq	4	✓	50.0	48.6	97.1
cal 5 mdq	5	✓	100.0	90.9	90.9
cal 6 mdq	6	✓	250.0	245.8	98.3
cal 7 mdq	7	✓	500.0	474.9	95.0
cal 8 mdq	8	✓	1000.0	1038.0	103.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



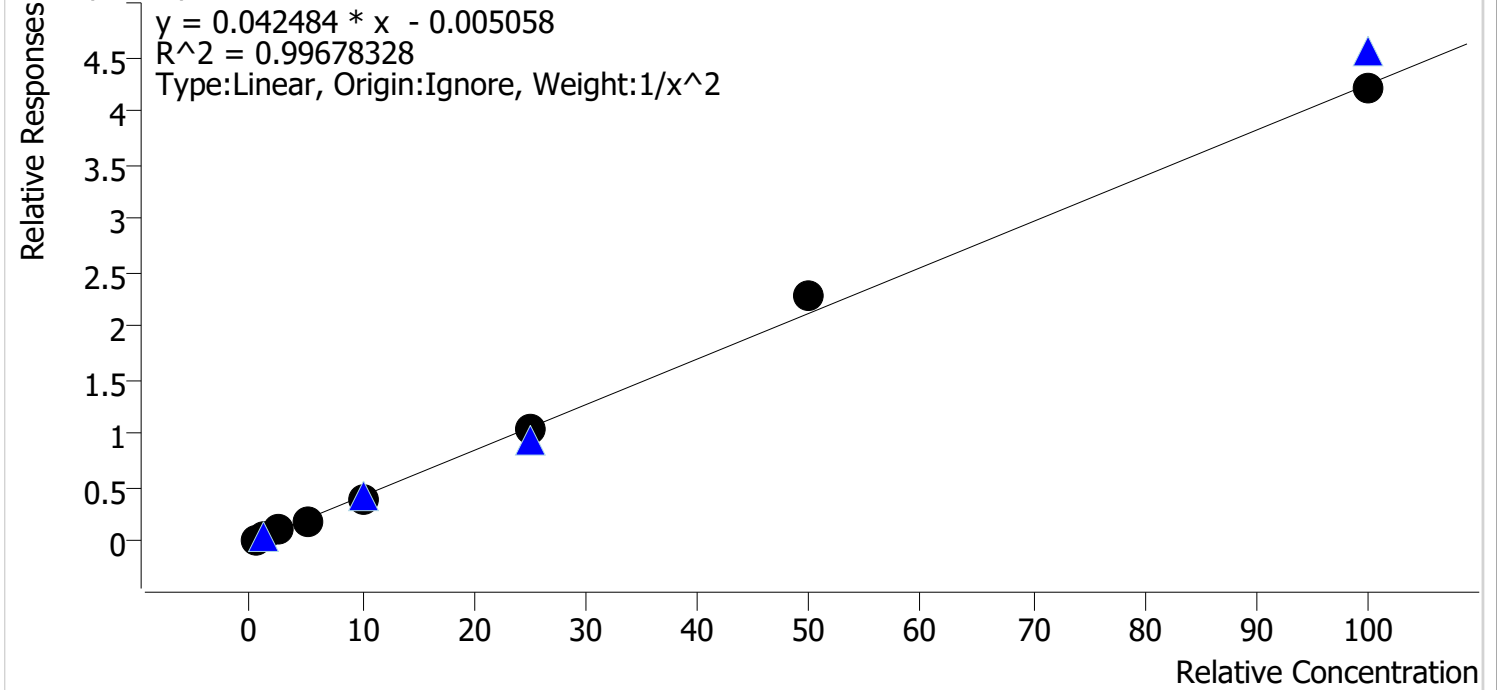
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	94.6	94.6
cal 6 mdq	6	✓	250.0	255.2	102.1
cal 7 mdq	7	✓	500.0	500.3	100.1
cal 8 mdq	8	✓	1000.0	1013.6	101.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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

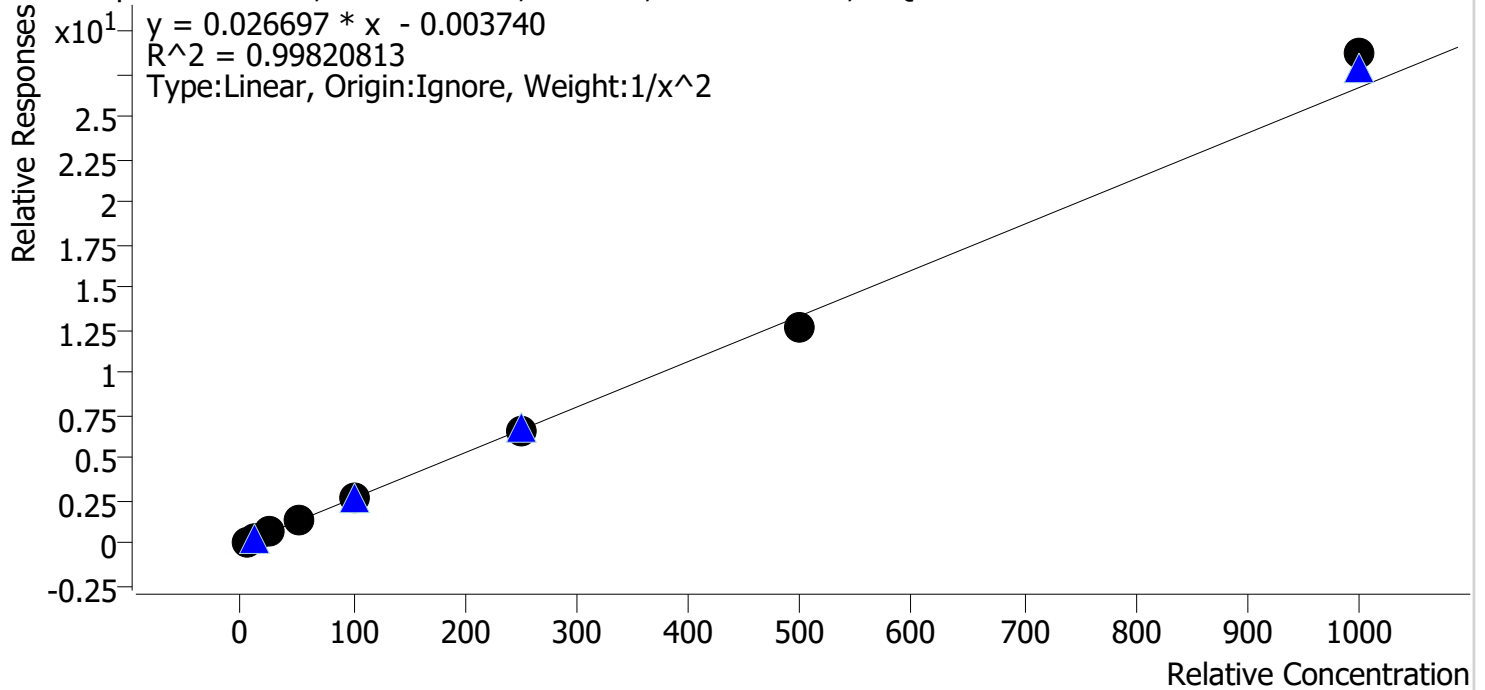


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.2
cal 2 mdq	2	✓	1.0	1.0	100.5
cal 3 mdq	3	✓	2.5	2.7	106.2
cal 4 mdq	4	✓	5.0	4.8	95.7
cal 5 mdq	5	✓	10.0	9.3	92.8
cal 6 mdq	6	✓	25.0	24.6	98.5
cal 7 mdq	7	✓	50.0	53.8	107.6
cal 8 mdq	8	✓	100.0	99.4	99.4

Compound Calibration Report

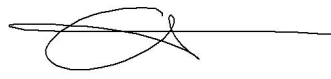
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

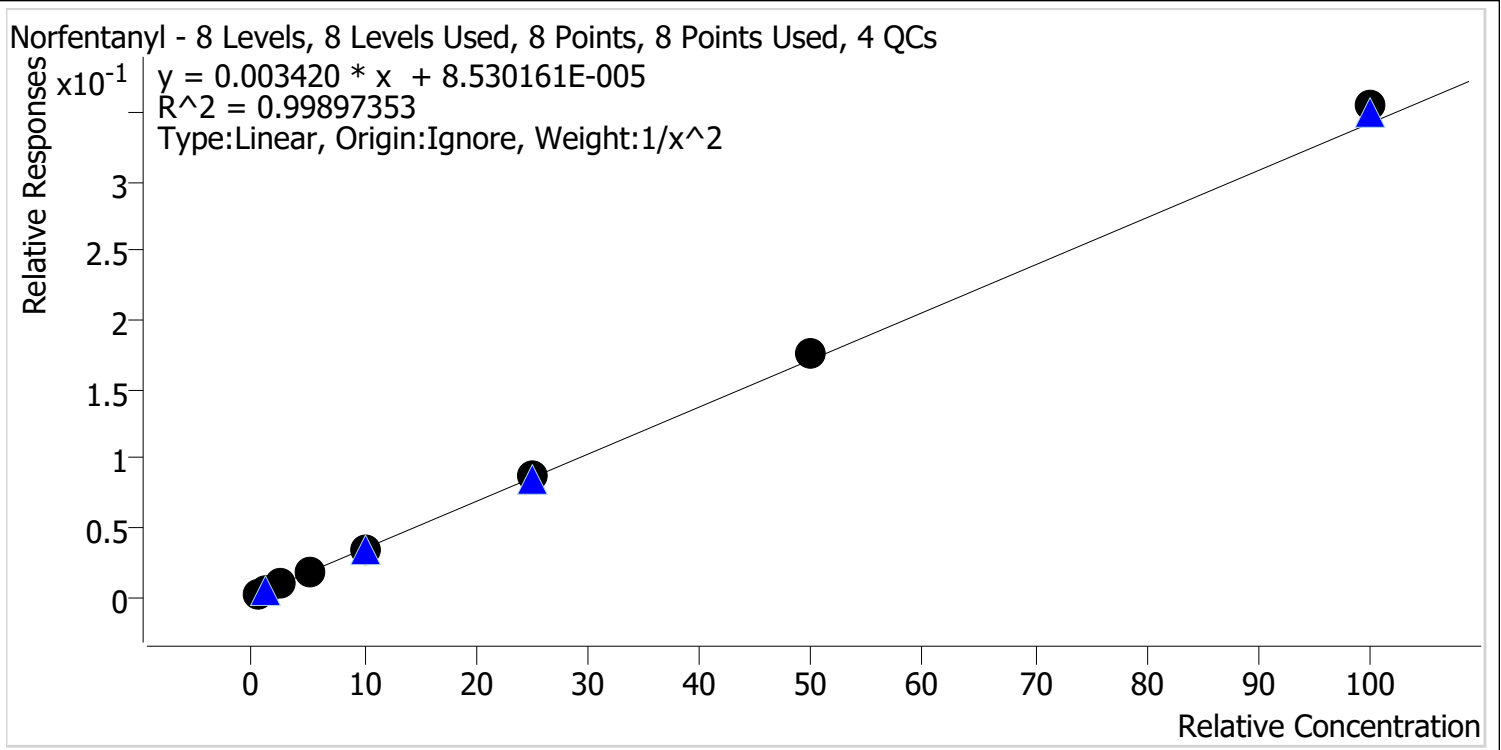


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	50.8	101.7
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	472.6	94.5
cal 8 mdq	8	✓	1000.0	1074.4	107.4

Compound Calibration Report

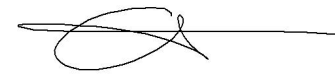


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



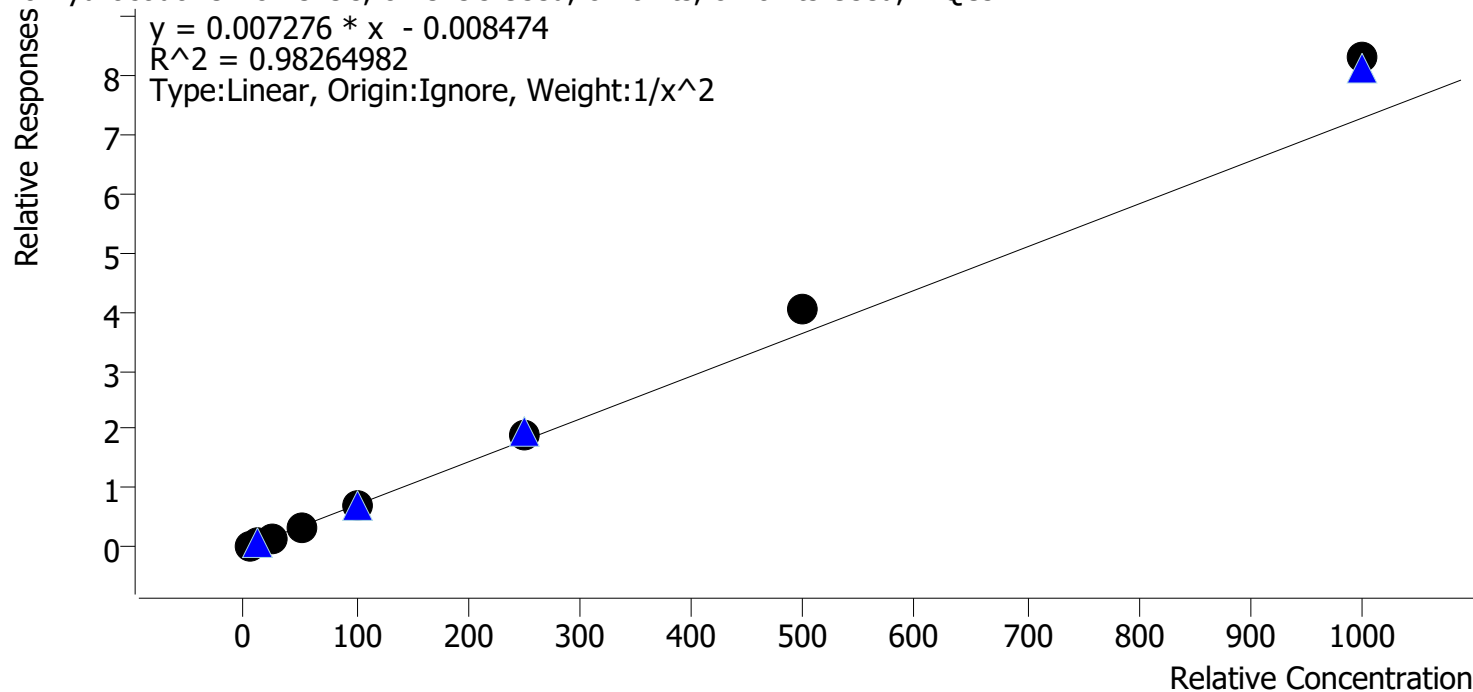
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.3
cal 2 mdq	2	✓	1.0	1.0	101.6
cal 3 mdq	3	✓	2.5	2.4	96.4
cal 4 mdq	4	✓	5.0	4.8	96.7
cal 5 mdq	5	✓	10.0	9.8	97.9
cal 6 mdq	6	✓	25.0	25.1	100.3
cal 7 mdq	7	✓	50.0	51.5	103.0
cal 8 mdq	8	✓	100.0	103.7	103.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

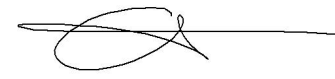
Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	109.4
cal 2 mdq	2	✓	10.0	8.9	89.4
cal 3 mdq	3	✓	25.0	21.1	84.2
cal 4 mdq	4	✓	50.0	44.9	89.9
cal 5 mdq	5	✓	100.0	95.8	95.8
cal 6 mdq	6	✓	250.0	264.1	105.6
cal 7 mdq	7	✓	500.0	557.8	111.6
cal 8 mdq	8	✓	1000.0	1140.6	114.1

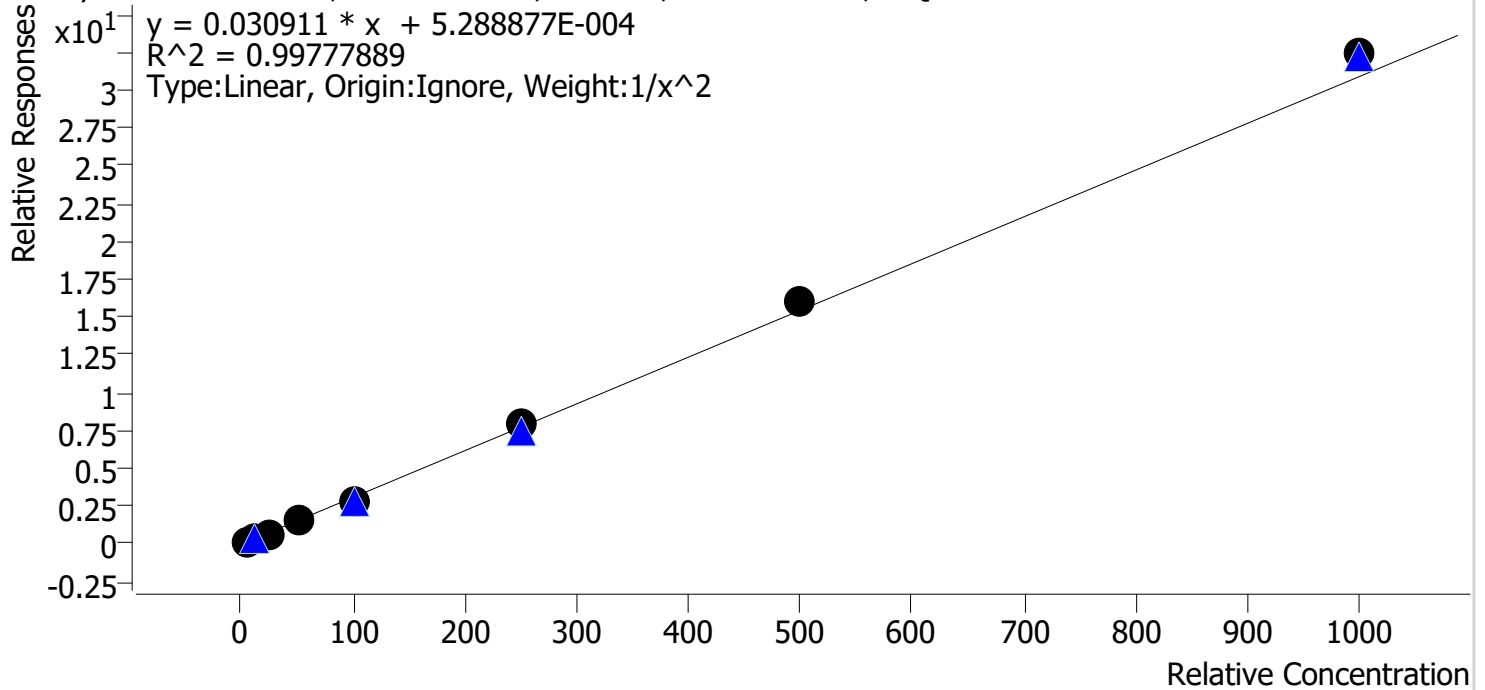
Not evaluated due to rising ratios.

Compound Calibration Report



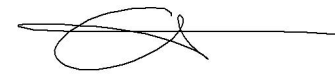
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

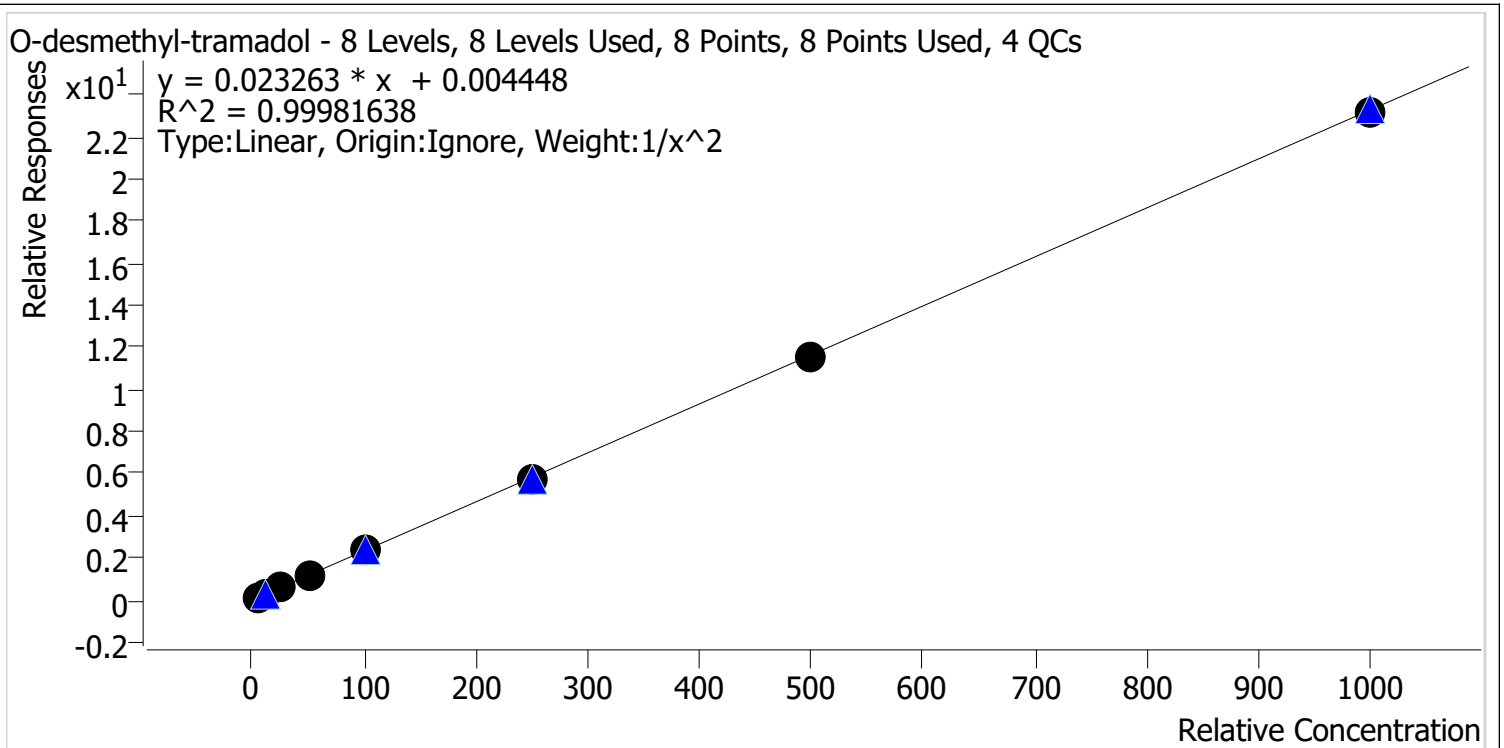


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	23.4	93.4
cal 4 mdq	4	✓	50.0	49.7	99.5
cal 5 mdq	5	✓	100.0	94.5	94.5
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	516.9	103.4
cal 8 mdq	8	✓	1000.0	1049.3	104.9

Compound Calibration Report

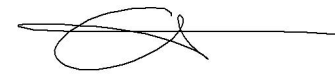


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



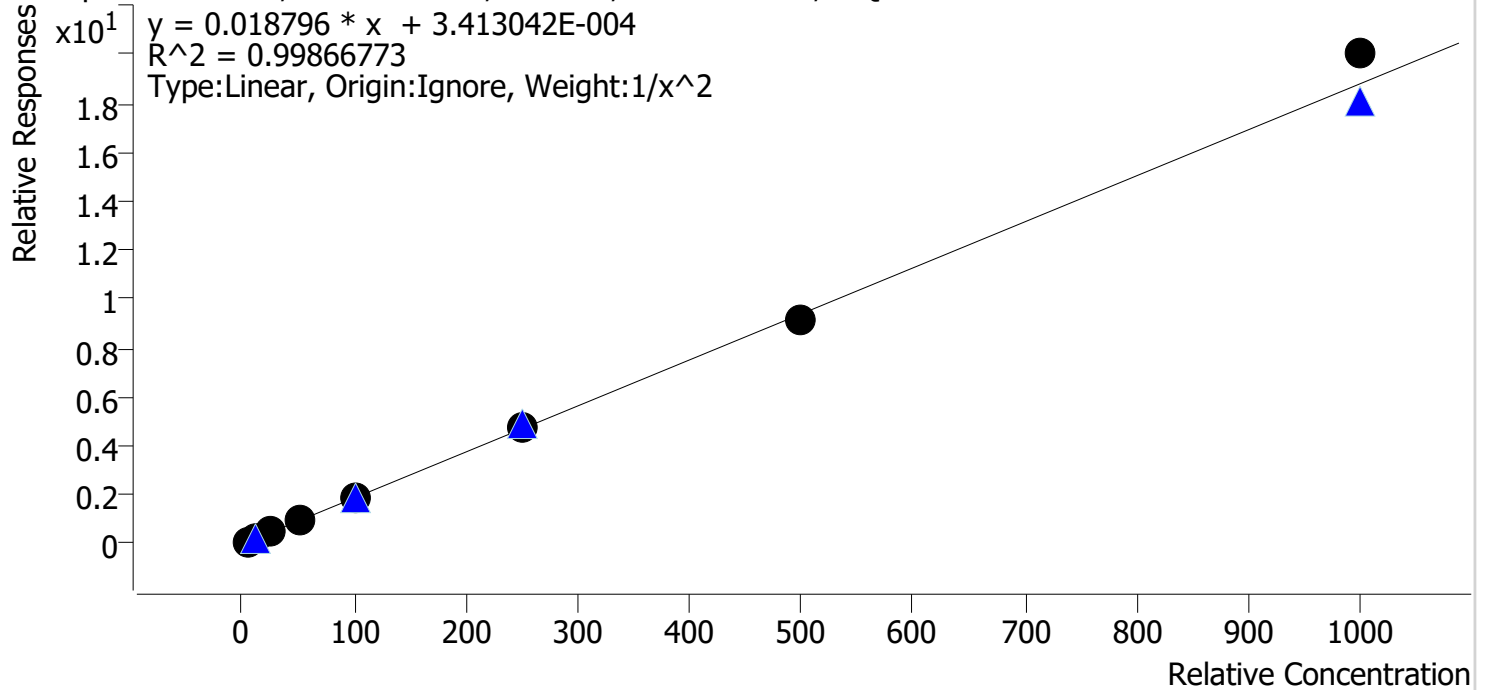
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	248.1	99.2
cal 7 mdq	7	✓	500.0	495.1	99.0
cal 8 mdq	8	✓	1000.0	998.2	99.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	253.5	101.4
cal 7 mdq	7	✓	500.0	489.8	98.0
cal 8 mdq	8	✓	1000.0	1065.5	106.5

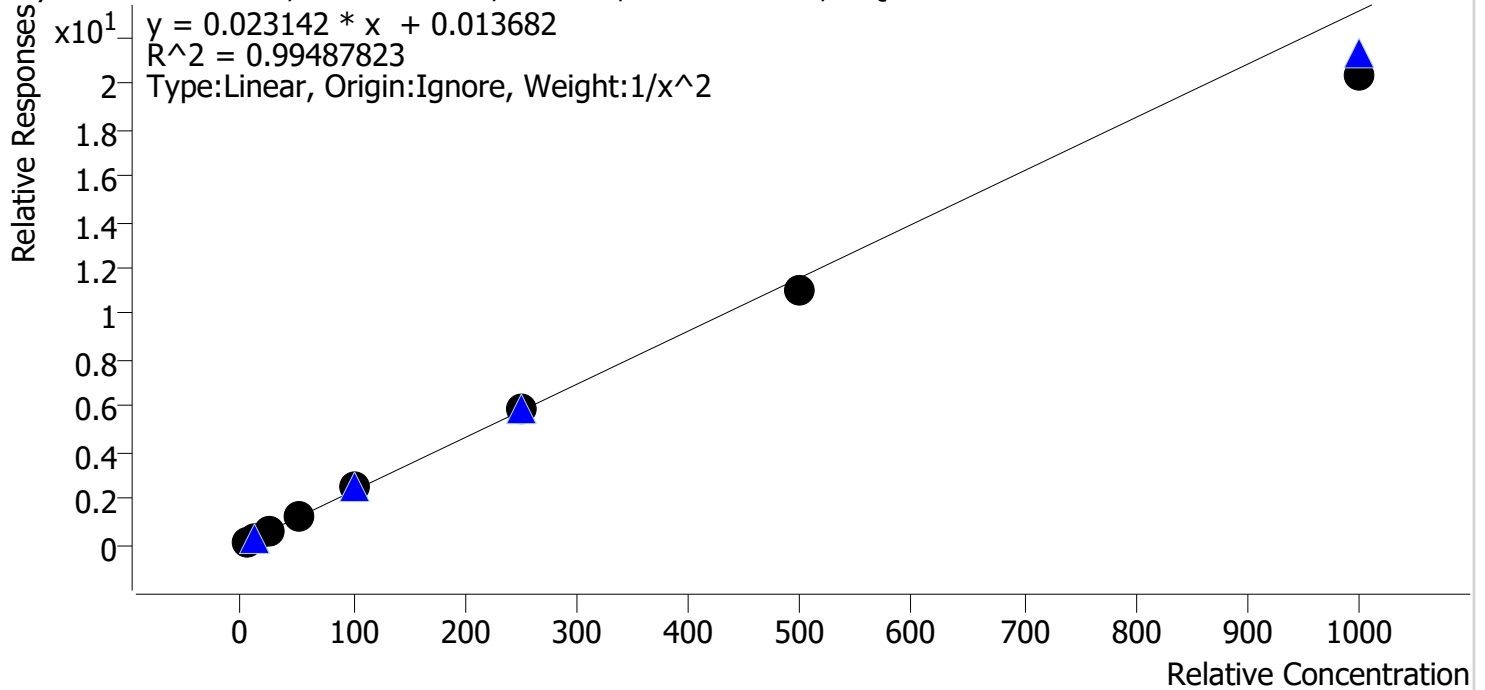
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Oxycodone

Internal Standard Oxycodone-D6

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



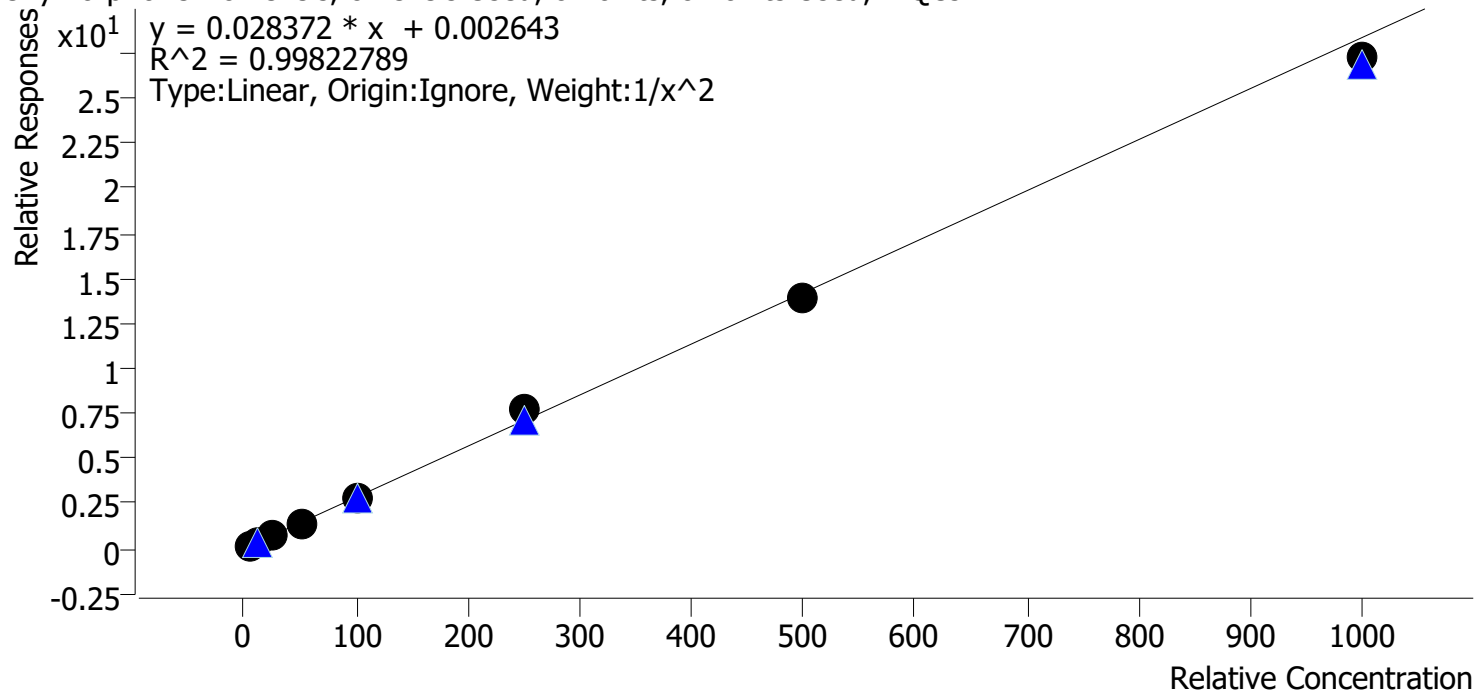
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	53.2	106.3
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	253.2	101.3
cal 7 mdq	7	✓	500.0	477.8	95.6
cal 8 mdq	8	✓	1000.0	878.2	87.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 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	100.6
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	270.4	108.2
cal 7 mdq	7	✓	500.0	487.0	97.4
cal 8 mdq	8	✓	1000.0	960.7	96.1

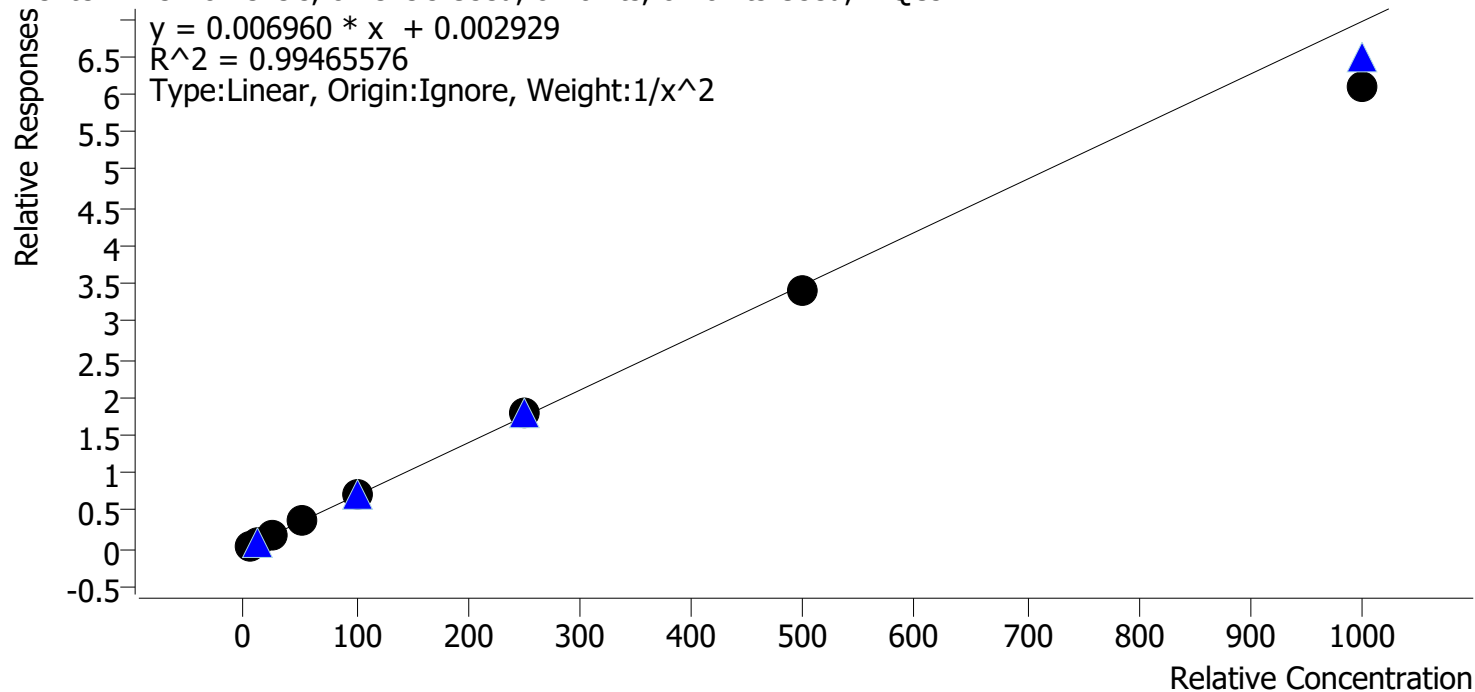
Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Phentermine

Internal Standard

Phentermine-D5

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



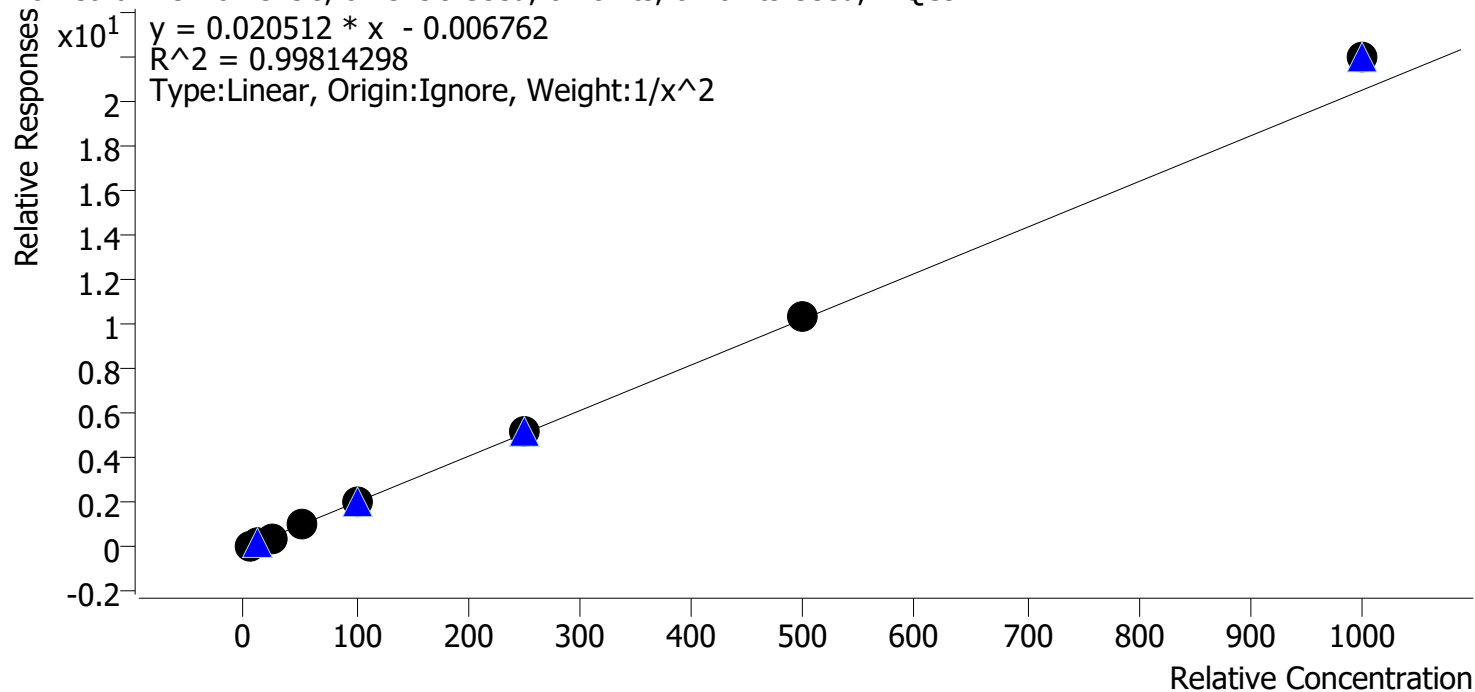
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.2
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	27.5	110.2
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	253.5	101.4
cal 7 mdq	7	✓	500.0	487.1	97.4
cal 8 mdq	8	✓	1000.0	877.8	87.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Promethazine

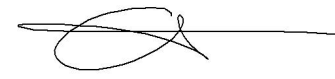
Internal Standard Promethazine-D3

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



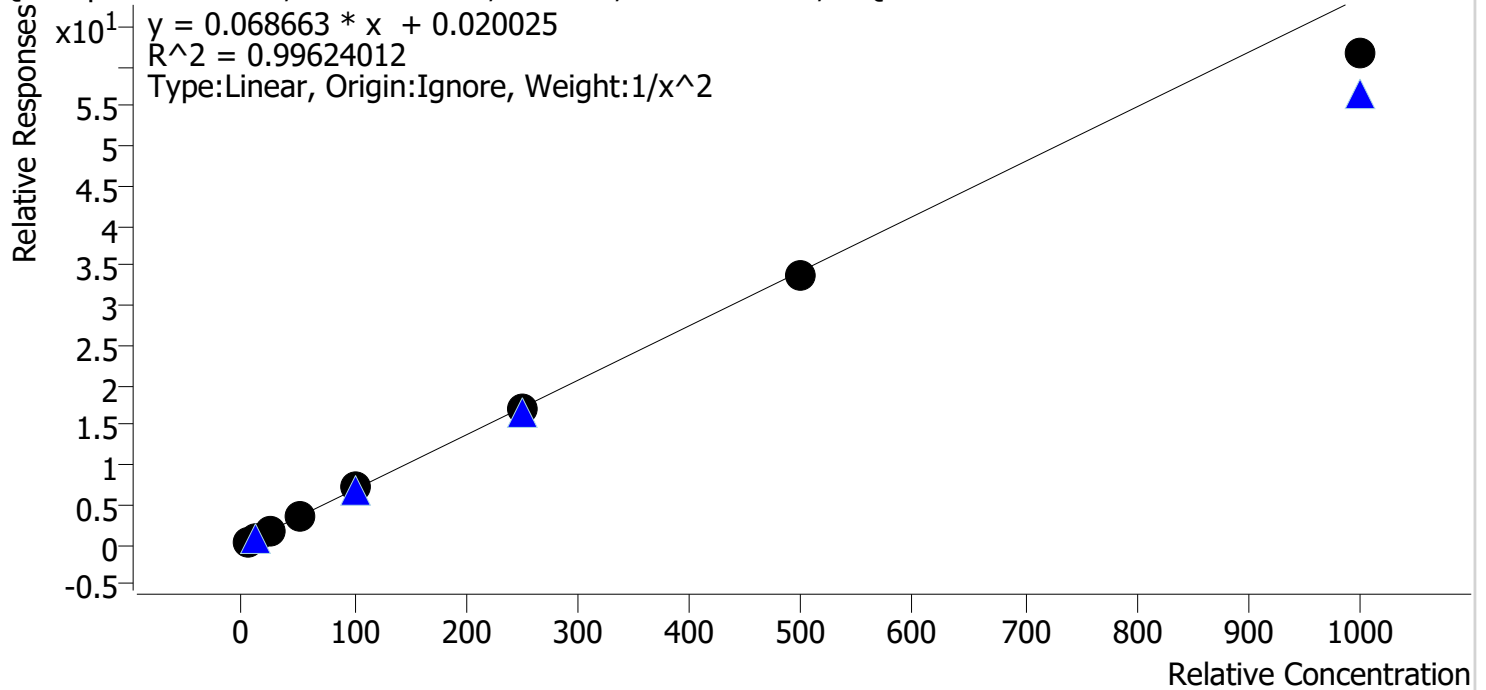
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.7	97.5
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	509.4	101.9
cal 8 mdq	8	✓	1000.0	1071.0	107.1

Compound Calibration Report



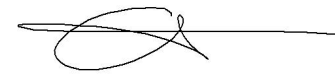
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

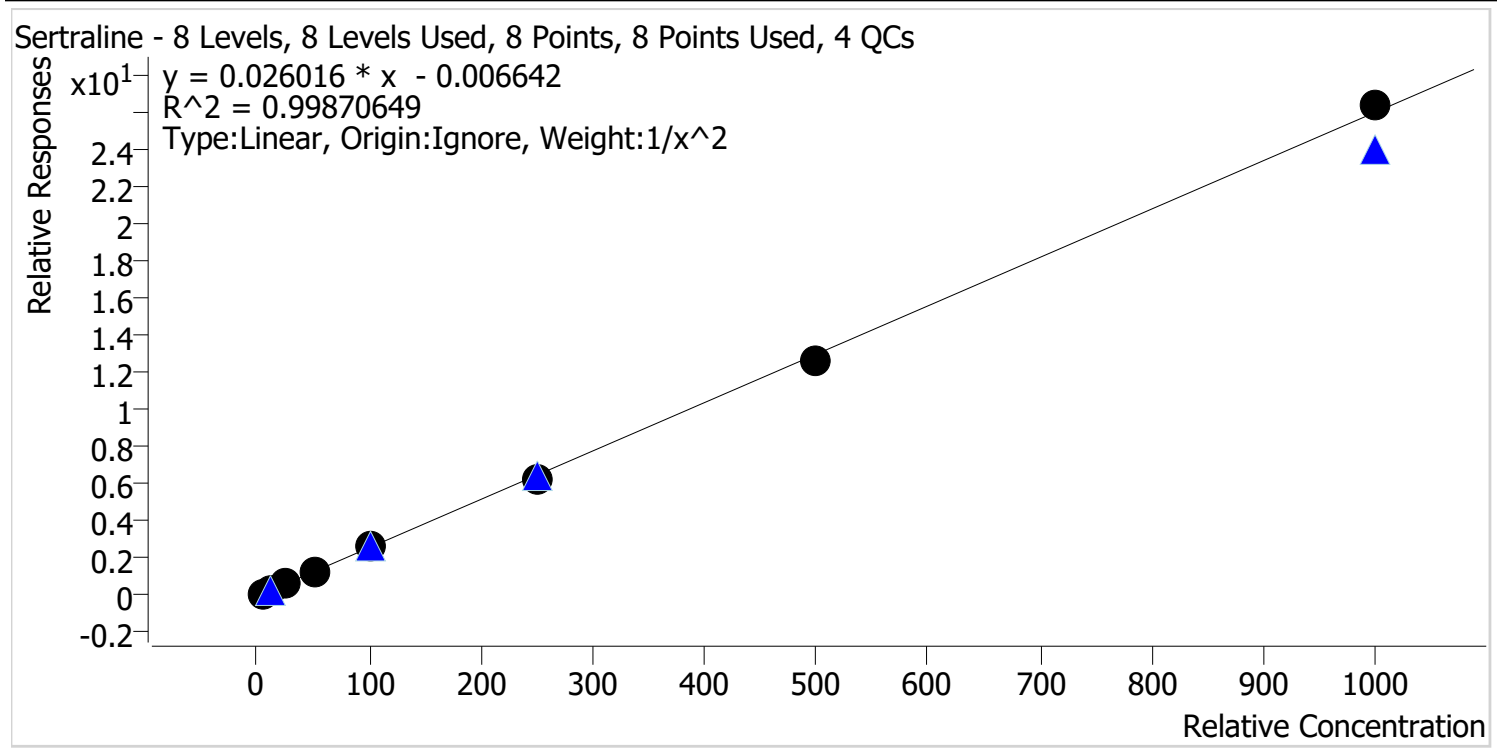


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdq	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	106.9	106.9
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	489.0	97.8
cal 8 mdq	8	✓	1000.0	897.7	89.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

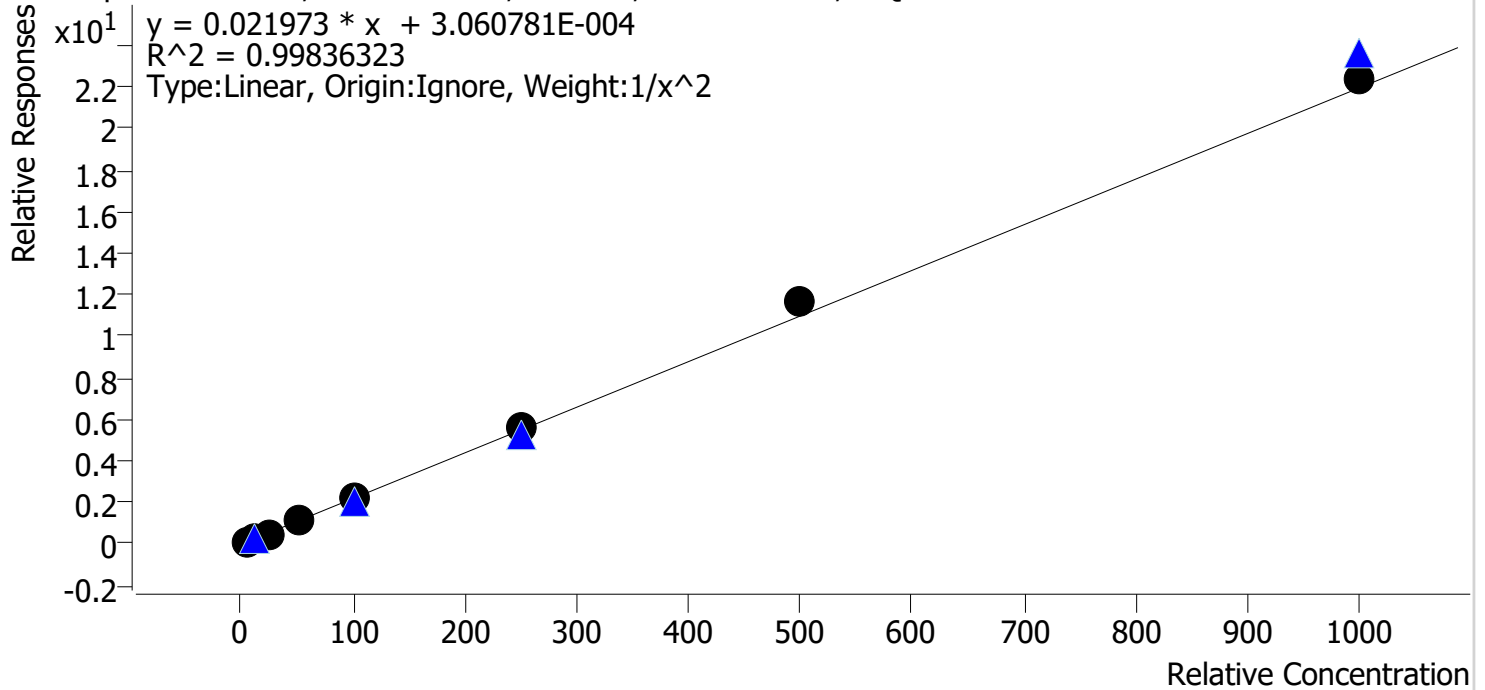


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	51.9	103.7
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	238.3	95.3
cal 7 mdq	7	✓	500.0	488.1	97.6
cal 8 mdq	8	✓	1000.0	1013.9	101.4

Compound Calibration Report

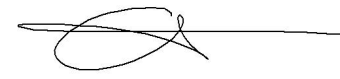
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



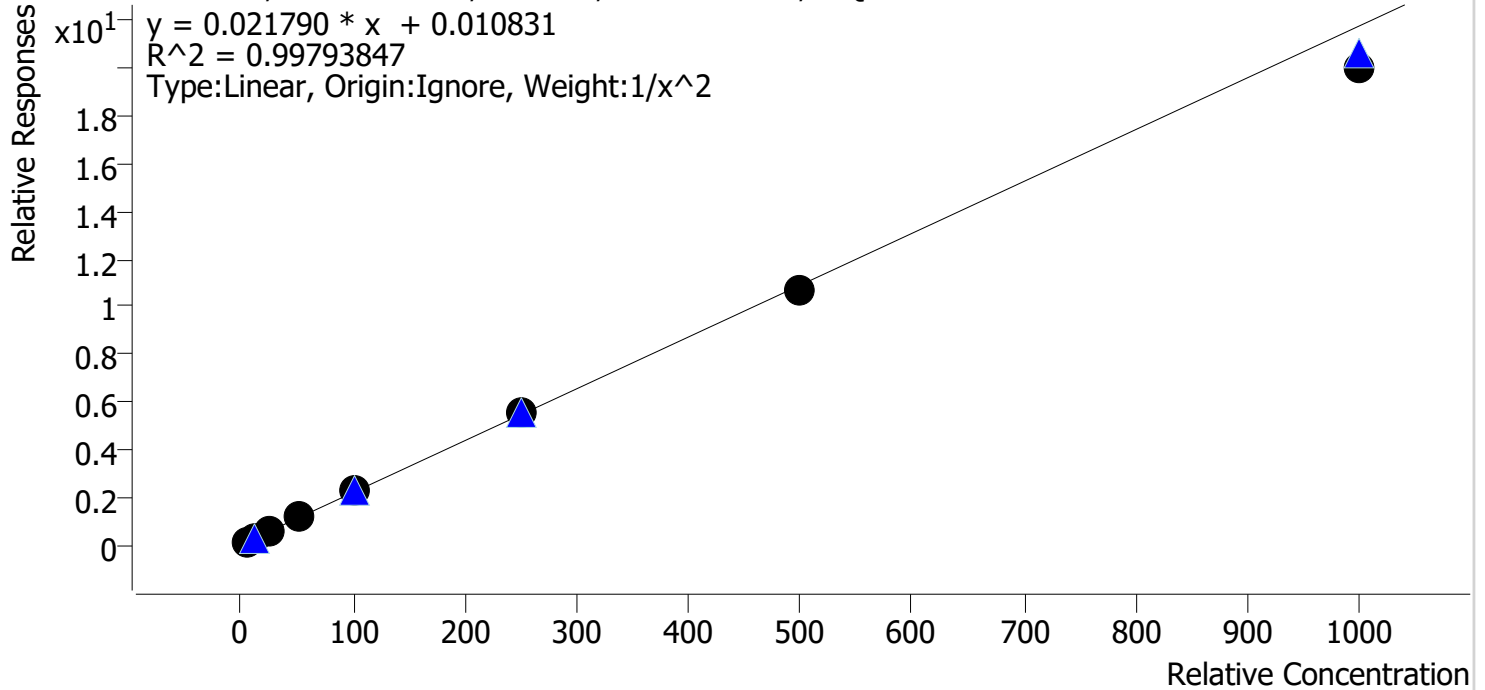
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	23.8	95.2
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	253.1	101.2
cal 7 mdq	7	✓	500.0	530.9	106.2
cal 8 mdq	8	✓	1000.0	1018.9	101.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 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	4.9	98.3
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.8	103.4
cal 4 mdq	4	✓	50.0	51.6	103.3
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	490.8	98.2
cal 8 mdq	8	✓	1000.0	916.2	91.6

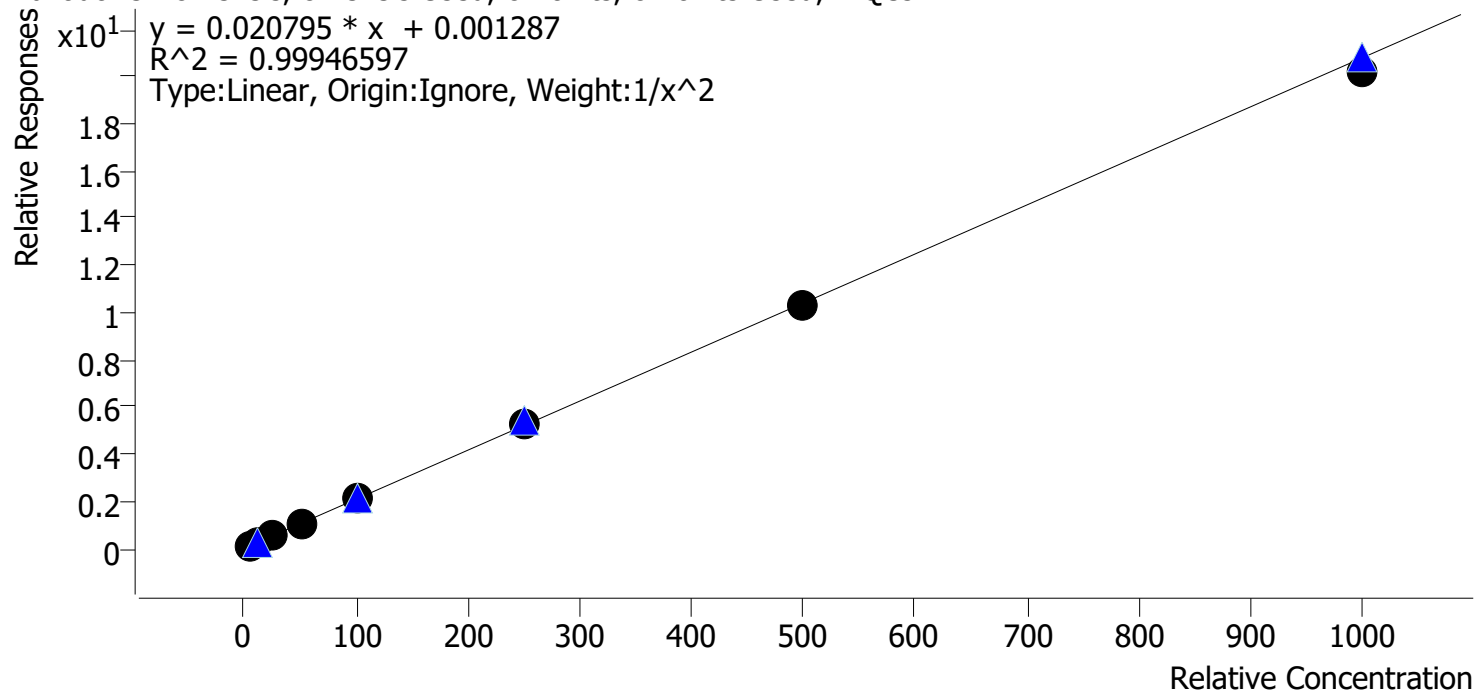
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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



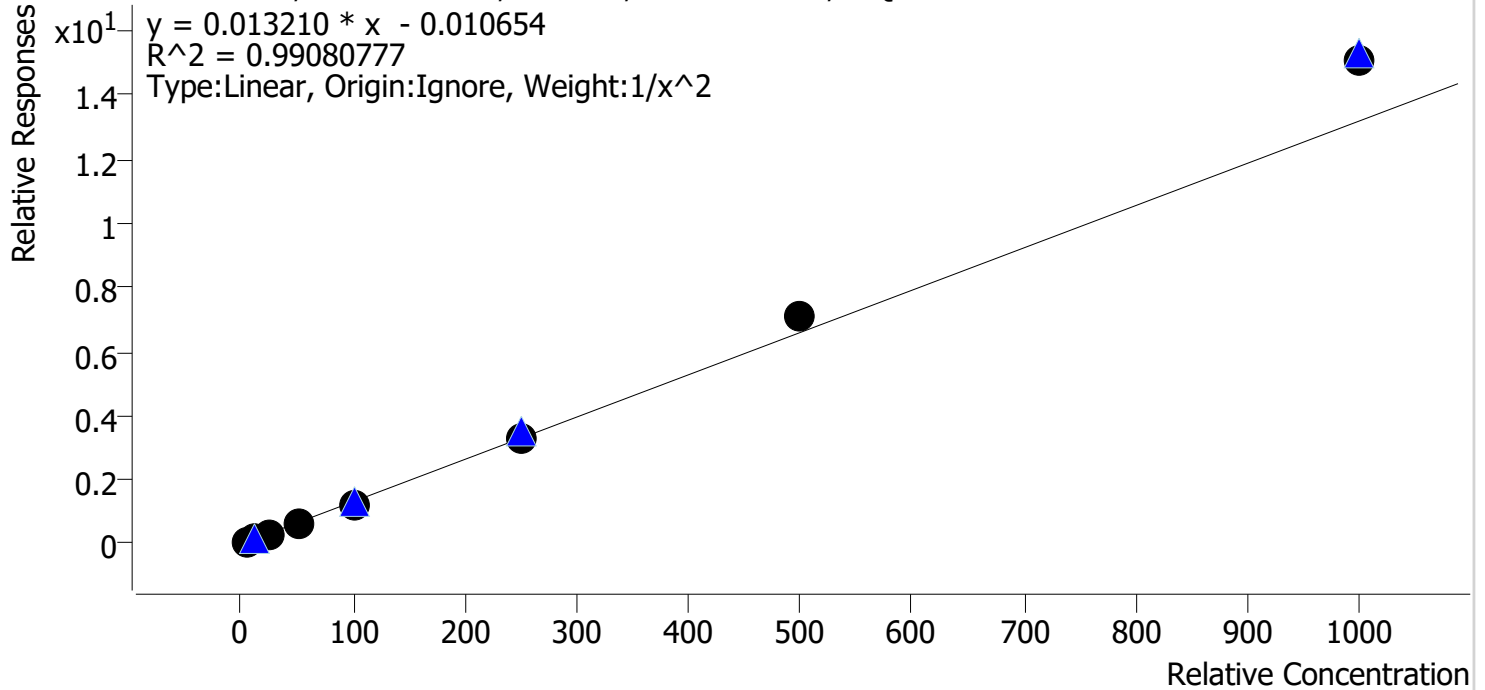
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	50.5	100.9
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	253.6	101.5
cal 7 mdq	7	✓	500.0	494.2	98.8
cal 8 mdq	8	✓	1000.0	972.5	97.2

Compound Calibration Report



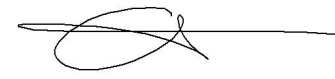
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



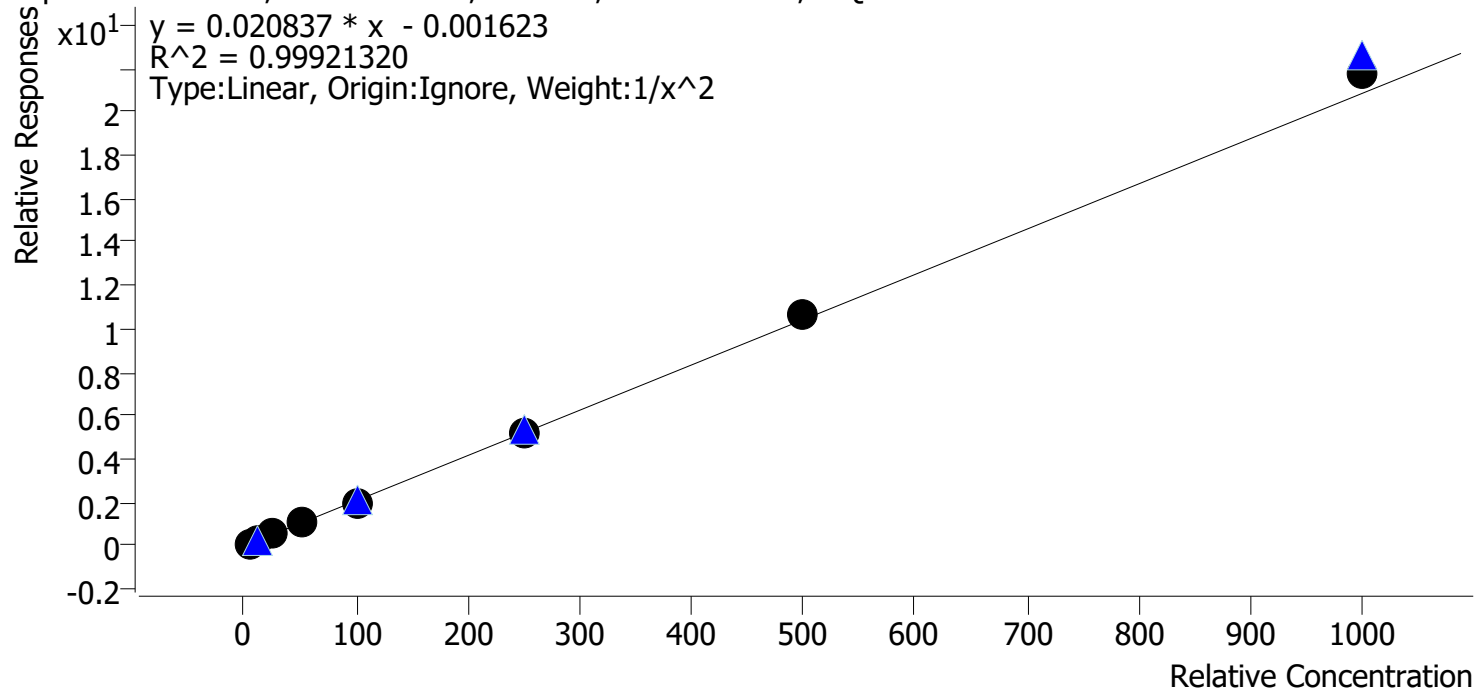
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.8
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	22.5	90.0
cal 4 mdq	4	✓	50.0	45.3	90.7
cal 5 mdq	5	✓	100.0	95.8	95.8
cal 6 mdq	6	✓	250.0	253.3	101.3
cal 7 mdq	7	✓	500.0	535.1	107.0
cal 8 mdq	8	✓	1000.0	1140.5	114.0

Compound Calibration Report



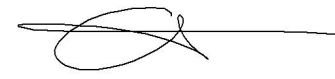
Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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	100.9
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	508.3	101.7
cal 8 mdq	8	✓	1000.0	1042.1	104.2

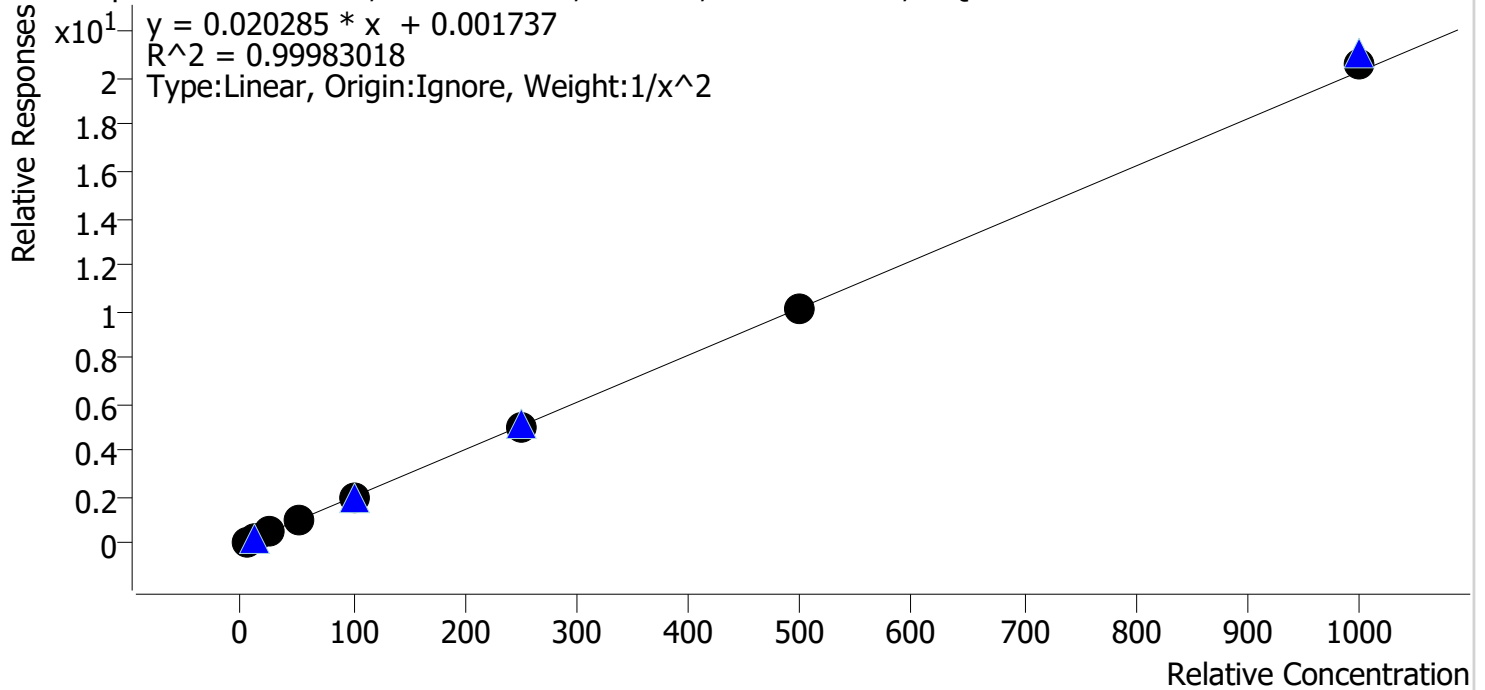
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine

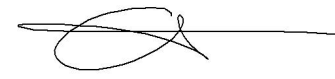
Internal Standard Pseudoephedrine-D3

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

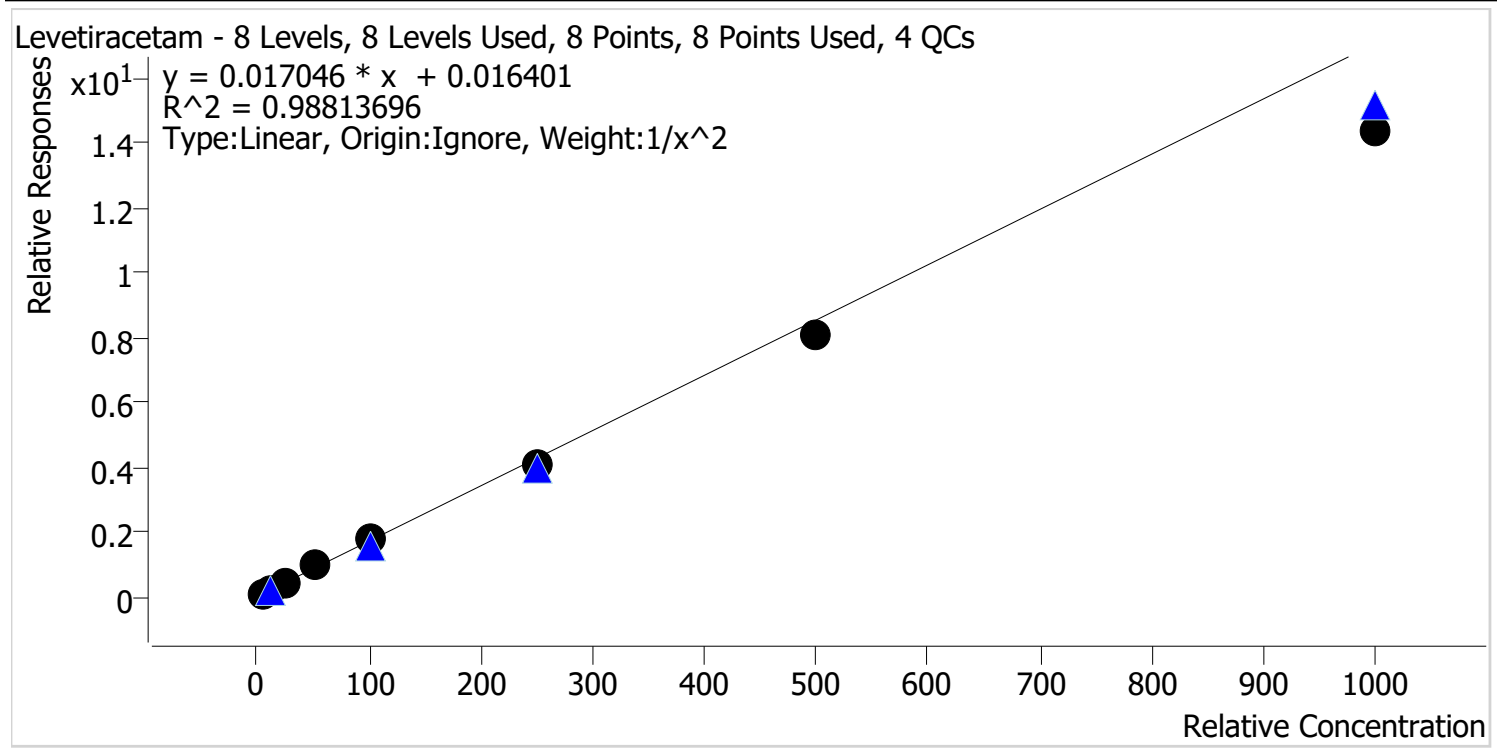


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	1019.2	101.9

Compound Calibration Report

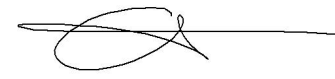


Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Hydromorphone-D6



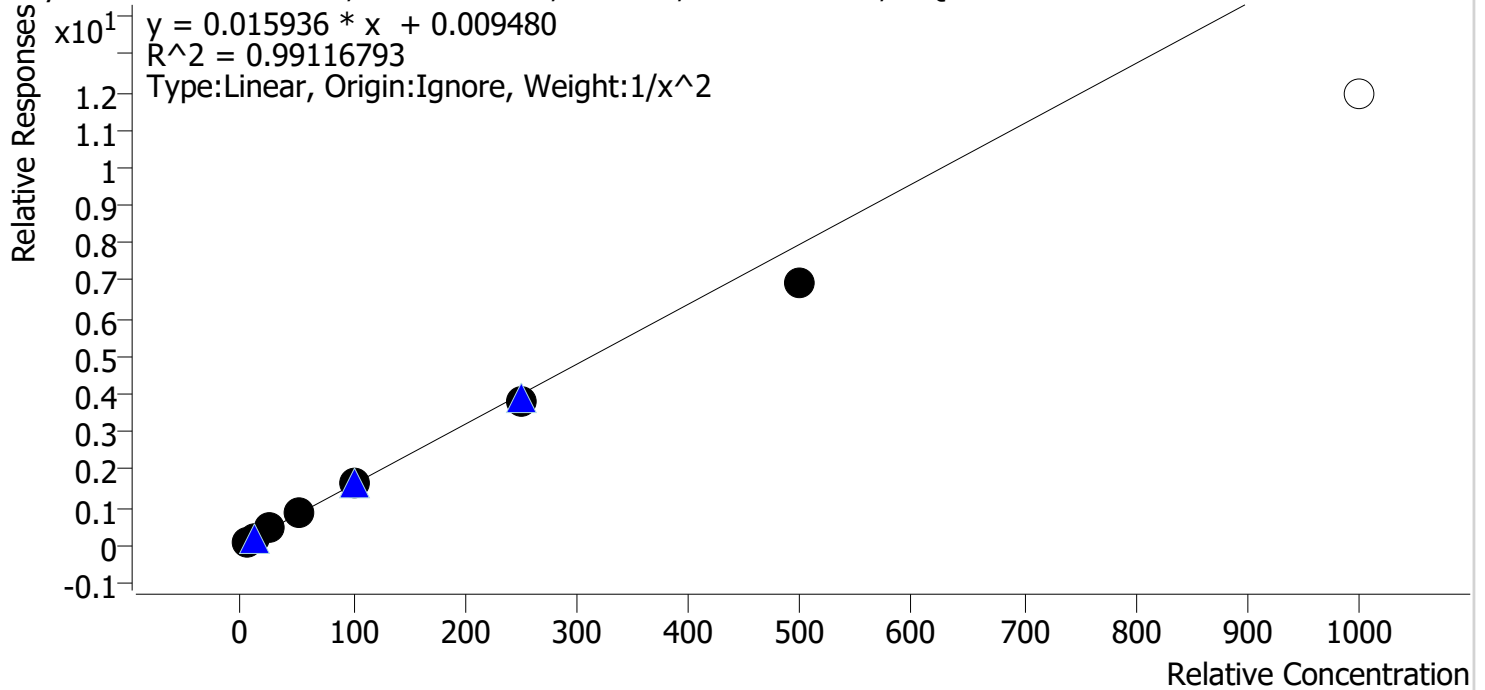
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.2
cal 2 mdq	2	✓	10.0	10.8	108.1
cal 3 mdq	3	✓	25.0	26.9	107.6
cal 4 mdq	4	✓	50.0	56.1	112.3
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	241.4	96.5
cal 7 mdq	7	✓	500.0	473.0	94.6
cal 8 mdq	8	✓	1000.0	839.4	83.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Last Cal. Update 8/5/2022 4:08 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	4.8	95.8
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	26.8	107.4
cal 4 mdq	4	✓	50.0	54.6	109.2
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	236.4	94.6
cal 7 mdq	7	✓	500.0	433.8	86.8
cal 8 mdq	8	✗	1000.0	748.0	74.8

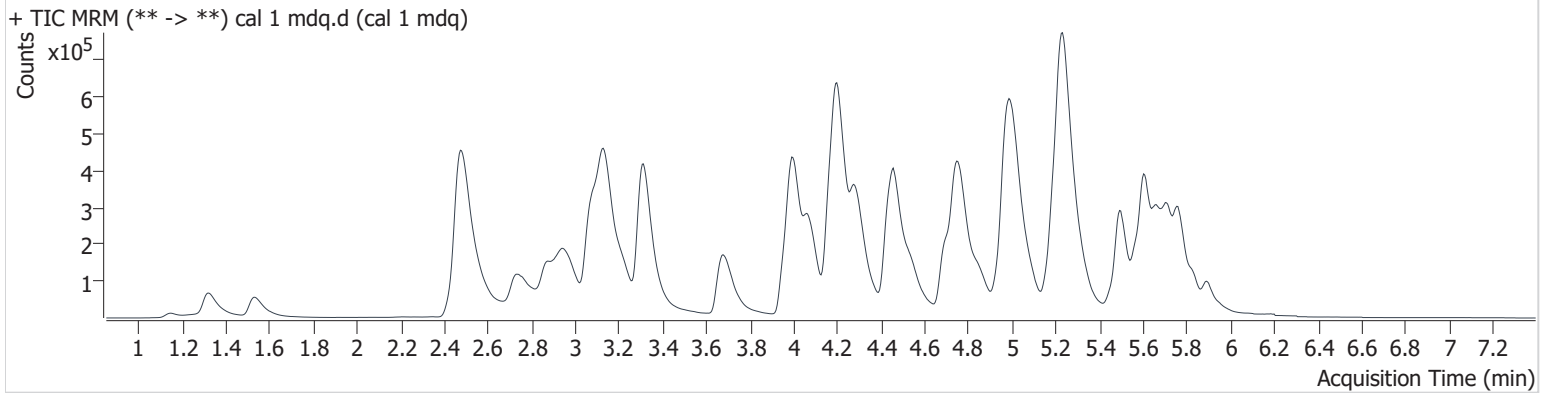
dropped cal 8 due to accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-A5	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 9:07:11 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.095	1519	1420.2	165.4	1003.6	86284	0.479 ng/ml
7-aminoclonazepam	4.213	21636	1359.3	60.1	597.2	167360	5.138 ng/ml
a-hydroxyalprazolam	5.659	5866	1177.9	43.7	37021.8	620629	4.810 ng/ml
alpha-PHP	4.863	33434	4427.3	256.4	1739.5	909615	5.021 ng/ml
alpha-PVP	4.297	125537	8756.5	51.3	1022.0	909615	5.053 ng/ml
Alprazolam	5.728	43825	4584425372 598.7	87.5	∞	336470	5.008 ng/ml
Amphetamine	2.961	98348	4602.8	271.2	5684.5	667584	4.855 ng/ml
Benzoylcegonine	3.851	3125	∞	65.3	494.1	15437	5.337 ng/ml
Buprenorphine	5.621	2519	33.3	13.6	12.1	88819	0.605 ng/ml
Bupropion	4.717	85888	2532.9	75.5	563.0	942325	5.048 ng/ml
Carisoprodol	5.678	22545	16205.9	82.8	273.0	201596	4.937 ng/ml
Citalopram	5.173	65881	509.1	36.4	621.4	601786	5.103 ng/ml
Clonazepam	5.576	23447	∞	33.1	8305.0	90326	4.937 ng/ml
Clonazolam	5.517	24642	38256.1	38.8	1020.1	620629	5.324 ng/ml
Cocaine	4.207	82350	20463.1	52.6	∞	1373028	4.991 ng/ml
Codeine	2.503	12059	77070.8	87.6	1108.9	107890	4.895 ng/ml
Cyclobenzaprine	5.583	64630	11342.3	8.9	3499.5	368372	5.093 ng/ml
Dextromethorphan	5.211	49187	64889.4	79.2	1721.7	413358	5.117 ng/ml
Dextrorphan	4.079	75234	37310.2	43.6	19875.8	702055	5.483 ng/ml
Diazepam	5.902	22546	81615.0	88.0	∞	212242	5.040 ng/ml
Dihydrocodeine	2.472	29957	428.3	60.6	509.0	348942	4.792 ng/ml
Diphenhydramine	5.238	220403	8111.7	31.6	882.2	2328621	5.083 ng/ml
Doxylamine	4.461	254968	4120.4	71.9	7166.6	1880612	5.055 ng/ml
EDDP	5.211	102897	2974.5	41.3	∞	1021422	5.055 ng/ml
Etizolam	5.764	17443	20146.0	21.4	9211.9	212242	4.815 ng/ml
Fentanyl	5.027	6698	28170.6	120.0	8903.1	704034	0.588 ng/ml
Flualprazolam	5.659	16784	∞	102.6	∞	336470	4.904 ng/ml
Fluoxetine	5.665	48202	22229.8	6.8	∞	332958	4.864 ng/ml
Hydrocodone	2.958	35122	243.0	36.9	132.0	393071	5.037 ng/ml
Hydromorphone	1.538	31350	506.6	72.5	258.5	185267	5.022 ng/ml
Ketamine	3.982	84223	∞	36.5	1825.6	859256	5.053 ng/ml
Lamotrigine	4.234	6525	2575.4	88.6	∞	534104	5.675 ng/ml

AM #28 Multi-Drug Quant. Results

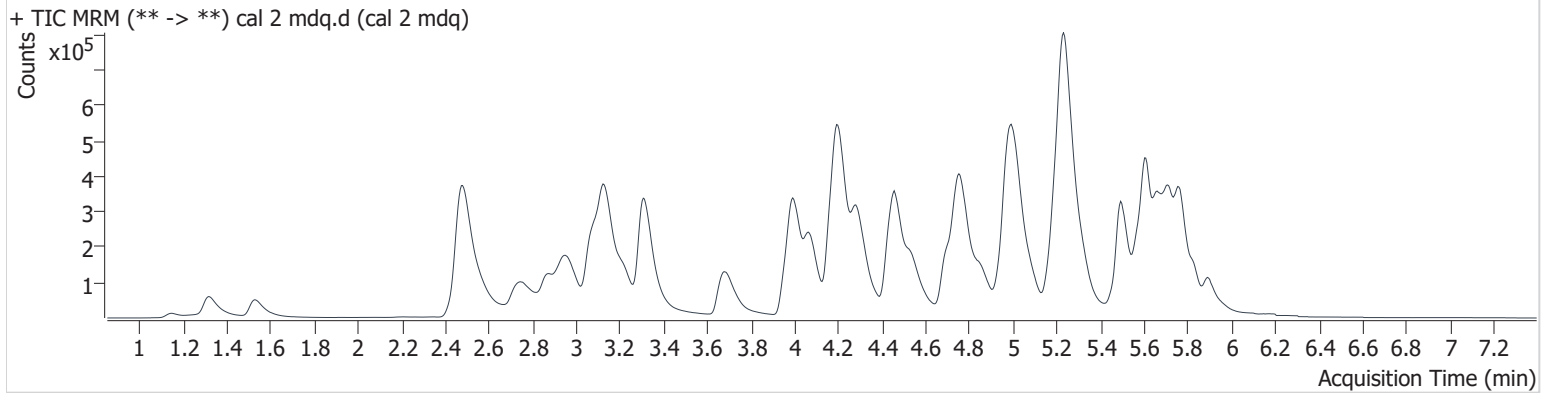
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.567	17759	946.0	162.1	20063.8	185267	4.661 ng/ml
Lorazepam	5.701	16137	∞	47.3	375.9	352549	4.703 ng/ml
MDA	3.134	97082	8773.0	36.8 High	442.7	534104	4.134 ng/ml
MDMA	3.231	80649	10560.7	102.6	3126.7	165344	4.935 ng/ml
Meprobamate	4.863	25060	14925.2	34.4	330.1	144872	4.679 ng/ml
Methadone	5.613	103150	1102.2	63.6	1080.3	975565	5.157 ng/ml
Methamphetamine	3.140	710876	9593.0	38.9	∞	1455757	8.842 ng/ml
Metoprolol	4.270	20233	3040.9	94.0	∞	667584	5.052 ng/ml
Mirtazapine	4.539	173558	78369.0	48.9	61700.8	975565	5.344 ng/ml
Mitragynine	5.166	20510	9401.8	28.5	5165.2	2134483	5.113 ng/ml
Morphine	1.152	4868	663.4	23.3	141.2	13285	4.985 ng/ml
Norbuprenorphine	4.937	392	∞	101.4	663.0	24485	0.496 ng/ml
Nordiazepam	5.845	18900	∞	64.7	23486.3	144874	5.027 ng/ml
Norfentanyl	4.018	2715	7697.9	270.9	210.2	1508494	0.501 ng/ml
Norhydrocodone	3.010	3482	371.0	21.6	∞	111196	5.468 ng/ml
Noroxycodone	2.850	26937	367.6	46.0	104.0	171891	5.053 ng/ml
O-desmethyl-tramadol	3.317	202110	8649.4	6.1	659.7	1694719	4.935 ng/ml
Oxazepam	5.714	33428	5989.2	65.9	159.1	352549	5.027 ng/ml
Oxycodone	2.762	77587	2955.9	28.9	1339.5	617237	4.840 ng/ml
Oxymorphone	1.325	46195	∞	44.1	∞	317792	5.030 ng/ml
Phentermine	3.715	30599	∞	14.3	630.8	832553	4.860 ng/ml
Promethazine	5.493	82114	2229.5	42.2	847.2	835460	5.121 ng/ml
Pseudoephedrine	2.491	222395	4881.2	16.7	1772.7	2134483	5.051 ng/ml
Quetiapine	5.470	77361	98686.5	56.4	∞	218869	4.856 ng/ml
Sertraline	5.724	9272	∞	99.2	∞	75731	4.962 ng/ml
Temazepam	5.771	69868	2437.0	26.3	291.1	620629	5.109 ng/ml
Tramadol	4.188	203281	12075.9	3.4	254.6	1724460	4.913 ng/ml
Trazodone	4.995	80019	201187.1	75.8	3746.4	753688	5.044 ng/ml
Venlafaxine	4.981	117557	6153.4	40.1	632.8	2006808	5.241 ng/ml
Zolpidem	4.767	163069	3378.5	29.6	12214.2	1575651	5.045 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-B5 **Comment**
Injection Volume 3
Acq. Date-Time 8/5/2022 9:16:16 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	2826	2233.1	143.3	5515.8	69980	1.081 ng/ml
7-aminoclonazepam	4.218	43859	1252963990 1420.3	64.0	1239.0	176041	9.684 ng/ml
a-hydroxyalprazolam	5.649	10472	∞	46.2	∞	667824	9.950 ng/ml
alpha-PHP	4.868	53767	717.2	253.7	1830.2	691240	9.919 ng/ml
alpha-PVP	4.297	192500	26380.6	50.6	4661.8	691240	9.981 ng/ml
Alprazolam	5.728	89366	∞	85.9	∞	332137	10.155 ng/ml
Amphetamine	2.961	125550	4553.2	262.7	7524.9	511072	10.064 ng/ml
Benzoylcegonine	3.856	3804	7412.1	65.6	∞	11794	8.835 ng/ml
Buprenorphine	5.621	5617	180.9	16.6	33.3	83865	1.107 ng/ml
Bupropion	4.717	140832	111640.1	74.7	1026.4	774208	9.953 ng/ml
Carisoprodol	5.683	51462	58389.1	73.3	1822.0	221317	10.334 ng/ml
Citalopram	5.183	121071	1915.5	37.2	1844.3	572128	9.664 ng/ml
Clonazepam	5.576	46483	∞	38.1	1909.7	91894	9.679 ng/ml
Clonazolam	5.523	49063	16285.8	36.5	7161.0	667824	9.337 ng/ml
Cocaine	4.207	127974	22882.1	53.1	80701.4	1039982	10.008 ng/ml
Codeine	2.508	17903	12103.9	84.5	1648.9	82570	10.012 ng/ml
Cyclobenzaprine	5.578	127104	211678.8	9.1	∞	387507	9.696 ng/ml
Dextromethorphan	5.211	91243	1538.3	81.7	70259.4	395159	9.747 ng/ml
Dextrorphan	4.074	116524	7000.9	46.3	3776.5	582358	9.761 ng/ml
Diazepam	5.902	46773	4268.8	88.1	35478.5	218787	9.911 ng/ml
Dihydrocodeine	2.477	45221	1860.0	59.0	1661.3	258690	10.374 ng/ml
Diphenhydramine	5.243	395985	56335.5	29.9	2391.0	2123287	9.797 ng/ml
Doxylamine	4.461	375240	3984.0	72.7	8070.2	1396876	9.978 ng/ml
EDDP	5.211	187790	167987.7	42.1	62875.3	942400	9.884 ng/ml
Etizolam	5.764	37192	∞	23.1	∞	218787	10.359 ng/ml
Fentanyl	5.032	12844	4926.0	119.6	22669.8	680864	1.035 ng/ml
Flualprazolam	5.665	35820	∞	104.8	∞	332137	10.366 ng/ml
Fluoxetine	5.665	98910	62568.8	6.1	3225.8	325635	10.491 ng/ml
Hydrocodone	2.958	52018	∞	36.2	298.7	301764	9.857 ng/ml
Hydromorphone	1.538	45630	487.8	73.7	317.3	137559	9.920 ng/ml
Ketamine	3.982	122760	301513.4	37.2	773.5	646304	9.813 ng/ml
Lamotrigine	4.234	11931	20846.4	87.8	10420.7	424654	10.341 ng/ml

AM #28 Multi-Drug Quant. Results

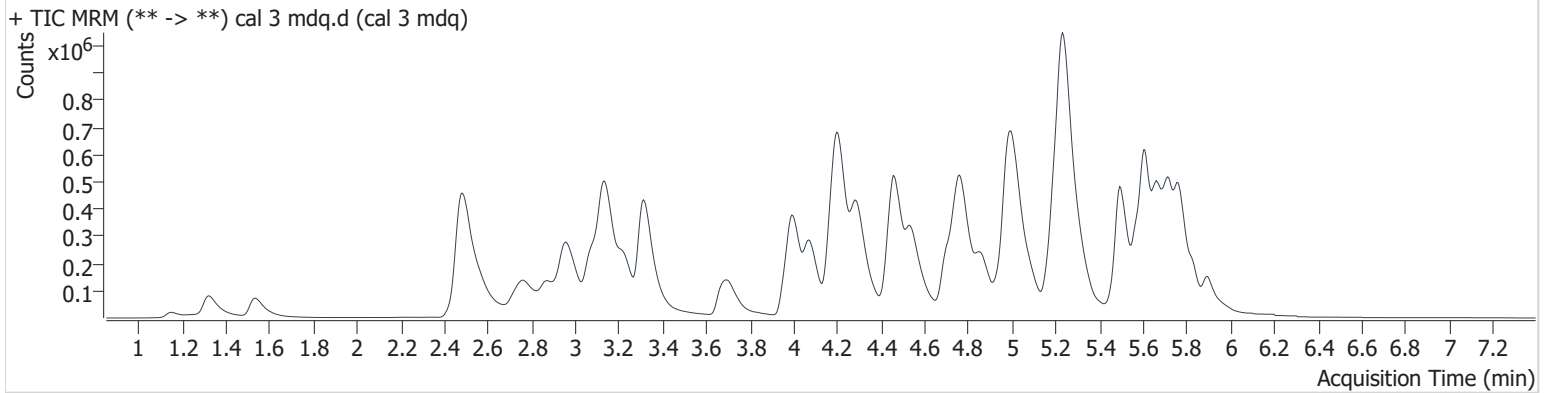
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.572	27599	9358.8	158.8	2390.2	137559	10.808 ng/ml
Lorazepam	5.701	38376	∞	36.7	314.1	379485	10.909 ng/ml
MDA	3.134	148539	4470.3	31.6	1059.7	424654	9.476 ng/ml
MDMA	3.226	118255	185595.2	103.7	7206.3	112708	10.238 ng/ml
Meprobamate	4.863	39795	3673.5	33.0	366.5	116263	10.402 ng/ml
Methadone	5.613	199851	38207.4	63.4	89876.2	971304	9.642 ng/ml
Methamphetamine	3.140	530961	∞	38.0	47442.0	1065441	9.358 ng/ml
Metoprolol	4.270	28491	2357.0	102.5	∞	511072	9.425 ng/ml
Mirtazapine	4.539	255150	106663.4	50.7	25843.8	971304	8.739 ng/ml
Mitragynine	5.166	43271	16625.0	32.7	11890.1	1549466	10.982 ng/ml
Morphine	1.152	7637	1644.1	23.3	234.9	10745	10.007 ng/ml
Norbuprenorphine	4.948	866	655.8	112.5	239.7	23005	1.005 ng/ml
Nordiazepam	5.845	38454	∞	60.1	∞	147582	9.900 ng/ml
Norfentanyl	4.023	3936	24067.7	239.4	370.8	1105373	1.016 ng/ml
Norhydrocodone	3.005	4856	∞	21.2	1090.4	85788	8.943 ng/ml
Noroxycodone	2.845	38422	249.5	44.7	199.1	122880	10.098 ng/ml
O-desmethyl-tramadol	3.317	293675	23088.7	5.8	1585.4	1212605	10.219 ng/ml
Oxazepam	5.708	71313	1121.2	68.7	858.8	379485	9.980 ng/ml
Oxycodone	2.762	115724	1729.8	28.8	1962.8	459360	10.295 ng/ml
Oxymorphone	1.320	68757	∞	44.2	∞	242586	9.897 ng/ml
Phentermine	3.715	44574	∞	13.0	367.9	609081	10.094 ng/ml
Promethazine	5.493	161079	391367.9	41.0	12296.1	833939	9.747 ng/ml
Pseudoephedrine	2.486	311088	9960.9	17.2	∞	1549466	9.812 ng/ml
Quetiapine	5.480	127901	131394.3	53.9	∞	173982	10.415 ng/ml
Sertraline	5.729	21685	1567.6	91.2	22064.7	84040	10.174 ng/ml
Temazepam	5.771	144118	3225.9	29.1	∞	667824	9.807 ng/ml
Tramadol	4.188	301604	9104.3	3.4	326.1	1302555	10.129 ng/ml
Trazodone	4.995	147086	∞	76.9	6043.0	724240	9.705 ng/ml
Venlafaxine	4.986	180793	13080.9	39.2	790.7	1551274	9.629 ng/ml
Zolpidem	4.772	282444	14960.6	28.4	183058.1	1377111	9.921 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-C5 **Comment**
Injection Volume 3
Acq. Date-Time 8/5/2022 9:25:18 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.090	6371	∞	143.0	305.4	66822	2.534 ng/ml
7-aminoclonazepam	4.218	104142	1611.7	64.7	3197.4	166287	23.990 ng/ml
a-hydroxyalprazolam	5.649	23944	∞	53.0	∞	636201	28.069 ng/ml
alpha-PHP	4.868	139240	1465.1	246.4	2388.2	667117	25.549 ng/ml
alpha-PVP	4.303	455429	81287.7	51.2	144020.8	667117	24.162 ng/ml
Alprazolam	5.728	205561	1431.2	88.1	5062.0	318019	24.145 ng/ml
Amphetamine	2.961	266158	11837.4	261.1	20821.4	472071	26.916 ng/ml
Benzoylcegonine	3.841	9620	47535.3	56.8	575.4	11248	24.354 ng/ml
Buprenorphine	5.621	14012	159.8	13.4	35.0	83097	2.428 ng/ml
Bupropion	4.722	342489	9290.9	74.6	6146.4	769967	24.161 ng/ml
Carisoprodol	5.683	111332	318826.6	79.6	16919.2	201421	24.653 ng/ml
Citalopram	5.178	296697	19932.9	37.3	27234.4	550733	24.272 ng/ml
Clonazepam	5.576	120826	3313.9	33.1	34541.2	83681	27.743 ng/ml
Clonazepam	5.517	114707	1664.1	40.4	16513.7	636201	22.035 ng/ml
Cocaine	4.207	307323	134137.4	52.4	722779.0	984031	25.063 ng/ml
Codeine	2.508	41441	104692.4	89.0	26007.8	74045	26.712 ng/ml
Cyclobenzaprine	5.583	313456	345675.1	9.6	∞	381383	24.597 ng/ml
Dextromethorphan	5.216	232425	33228.0	78.6	208820.1	388847	24.924 ng/ml
Dextrophan	4.079	287243	537696.9	46.0	100060.2	564212	23.988 ng/ml
Diazepam	5.902	110812	727.9	87.0	1798.4	206966	24.480 ng/ml
Dihydrocodeine	2.477	105772	293.4	58.7	981.5	241858	26.847 ng/ml
Diphenhydramine	5.243	979870	235296.6	29.9	2830.7	2070615	24.512 ng/ml
Doxylamine	4.461	895646	∞	63.9	16213.3	1388563	23.905 ng/ml
EDDP	5.211	480777	39002.7	42.6	457010.0	963819	24.567 ng/ml
Etizolam	5.764	87773	∞	23.9	16926.0	206966	26.404 ng/ml
Fentanyl	5.032	31470	3874.7	121.9	64885.3	660636	2.411 ng/ml
Flualprazolam	5.659	83056	∞	104.4	∞	318019	24.814 ng/ml
Fluoxetine	5.665	242312	237245.0	6.7	10114.9	335959	25.269 ng/ml
Hydrocodone	2.958	123709	3373.7	37.8	∞	286921	24.881 ng/ml
Hydromorphone	1.538	107840	1391.7	71.9	497.4	130121	24.905 ng/ml
Ketamine	3.982	297658	19733.0	37.6	3393.3	618654	24.890 ng/ml
Lamotrigine	4.229	28780	28415.4	85.9	∞	387310	23.920 ng/ml
Levetiracetam	2.567	61820	164935.0	161.0	3107.2	130121	26.909 ng/ml

AM #28 Multi-Drug Quant. Results

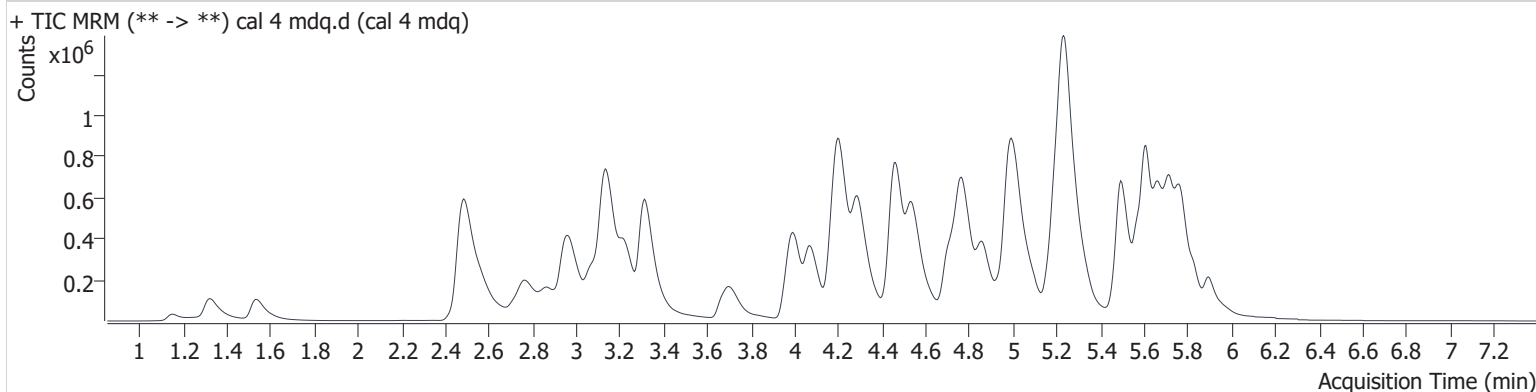
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.701	82546	2835.9	42.0	753.1	337167	27.017 ng/ml
MDA	3.134	348635	9385.0	27.6	2521.4	387310	26.973 ng/ml
MDMA	3.231	280546	29868.2	103.5	30967.4	105936	25.343 ng/ml
Meprobamate	4.868	96331	5271.1	35.0	498.0	109881	28.466 ng/ml
Methadone	5.613	500154	143078.9	65.1	399609.3	955018	23.898 ng/ml
Methamphetamine	3.145	788084	∞	39.2	∞	1022296	23.390 ng/ml
Metoprolol	4.275	71977	3410.3	92.4	6052.9	472071	26.050 ng/ml
Mirtazapine	4.545	610916	19113.2	51.2	∞	955018	23.831 ng/ml
Mitragynine	5.166	107136	31570.3	31.8	10526.6	1451140	25.689 ng/ml
Morphine	1.152	18611	4236.3	22.7	893.5	10424	25.681 ng/ml
Norbuprenorphine	4.958	2427	4026.5	84.1	1402.5	22525	2.655 ng/ml
Nordiazepam	5.840	89118	∞	63.6	∞	134676	24.926 ng/ml
Norfentanyl	4.018	8865	∞	261.1	5324.4	1064710	2.410 ng/ml
Norhydrocodone	3.010	11524	∞	20.0 Low	574.5	79620	21.056 ng/ml
Noroxycodone	2.845	85620	4282.0	45.8	460.6	118507	23.356 ng/ml
O-desmethyl-tramadol	3.317	697118	52173.3	5.9	3193.5	1178669	25.233 ng/ml
Oxazepam	5.714	158822	1624.1	71.1	8998.9	337167	25.043 ng/ml
Oxycodone	2.762	273216	5618.2	29.0	13323.3	441114	26.173 ng/ml
Oxymorphone	1.320	160754	∞	45.1	∞	228698	24.682 ng/ml
Phentermine	3.715	107953	1099.7	12.9	1289.9	554749	27.538 ng/ml
Promethazine	5.493	417208	173593.7	42.6	14998.7	859325	24.000 ng/ml
Pseudoephedrine	2.491	737754	12282.2	17.1	3713.8	1451140	24.977 ng/ml
Quetiapine	5.475	307796	∞	55.8	399082.5	176022	25.175 ng/ml
Sertraline	5.729	55425	87734.0	96.5	15527.6	88549	24.315 ng/ml
Temazepam	5.771	332823	7188.8	29.1	∞	636201	23.795 ng/ml
Tramadol	4.188	736865	16586.5	3.4	375.6	1283945	25.841 ng/ml
Trazodone	4.995	375473	141234.3	73.4	1294073.5	705186	25.543 ng/ml
Venlafaxine	4.986	442906	7115.0	38.7	2974.4	1545006	22.508 ng/ml
Zolpidem	4.772	698900	108172.1	28.8	5803.3	1357456	24.787 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-D5 **Comment**
Injection Volume 3
Acq. Date-Time 8/5/2022 9:34:21 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.095	11998	30622.3	148.6	26007.0	62839	5.061 ng/ml
7-aminoclonazepam	4.218	201657	4058.4	66.0	2046.5	158153	48.600 ng/ml
a-hydroxyalprazolam	5.649	41967	∞	53.5	1020.2	574882	57.255 ng/ml
alpha-PHP	4.868	258836	5856.4	257.2	12811.1	645996	48.463 ng/ml
alpha-PVP	4.297	893681	28802.8	50.8	10687.9	645996	48.747 ng/ml
Alprazolam	5.728	383597	∞	89.3	1669.3	293656	48.613 ng/ml
Amphetamine	2.966	470419	29313.9	261.4	12930.8	436791	54.099 ng/ml
Benzoylcegonine	3.841	18401	171586.2	54.2	335.1	11367	46.593 ng/ml
Buprenorphine	5.621	27055	183.5	14.1	110.5	77789	4.756 ng/ml
Bupropion	4.717	663428	1246528.8	73.2	16250.2	719143	49.979 ng/ml
Carisoprodol	5.683	206048	116730.2	76.1	4147.5	183455	50.161 ng/ml
Citalopram	5.178	572141	3794.6	36.2	9484.5	501627	51.147 ng/ml
Clonazepam	5.576	221343	308434.2	32.0	97854.2	79364	53.646 ng/ml
Clonazepam	5.523	222409	121237440.1	33.4	25259.6	574882	46.588 ng/ml
Cocaine	4.207	598248	68577.3	51.2	169507.4	944830	50.586 ng/ml
Codeine	2.508	77200	20269.3	85.5	22154.1	70254	52.975 ng/ml
Cyclobenzaprine	5.583	584873	126896.7	9.1	9604.2	355155	49.487 ng/ml
Dextromethorphan	5.211	431077	10373.4	79.0	47569.5	361430	49.540 ng/ml
Dextrophan	4.074	562050	93100.3	44.5	792785.0	535349	48.884 ng/ml
Diazepam	5.902	217376	8414.3	86.6	2104.8	196240	50.401 ng/ml
Dihydrocodeine	2.472	197880	816.9	59.1	1487.3	224900	54.615 ng/ml
Diphenhydramine	5.243	1869317	79081.4	29.8	26525.1	1991984	48.386 ng/ml
Doxylamine	4.461	1787850	55249.3	72.0	76826.7	1344447	49.244 ng/ml
EDDP	5.211	915851	2513726.1	42.2	163348.9	905756	49.679 ng/ml
Etizolam	5.764	167997	115154.5	24.8	24898.7	196240	53.680 ng/ml
Fentanyl	5.027	60068	95007.5	121.7	∞	631021	4.685 ng/ml
Flualprazolam	5.665	156526	7802.7	106.6	27776.9	293656	50.432 ng/ml
Fluoxetine	5.665	415592	∞	6.7	15203.1	292251	50.073 ng/ml
Hydrocodone	2.958	228541	3145.3	36.8	1590.6	260890	50.707 ng/ml
Hydromorphone	1.538	199968	2478.8	72.3	805.5	119982	50.163 ng/ml
Ketamine	3.982	568465	65971.1	38.1	5433.2	595145	49.436 ng/ml
Lamotrigine	4.234	53439	∞	88.6	∞	355974	46.197 ng/ml
Levetiracetam	2.572	116789	∞	158.3	∞	119982	56.141 ng/ml

AM #28 Multi-Drug Quant. Results

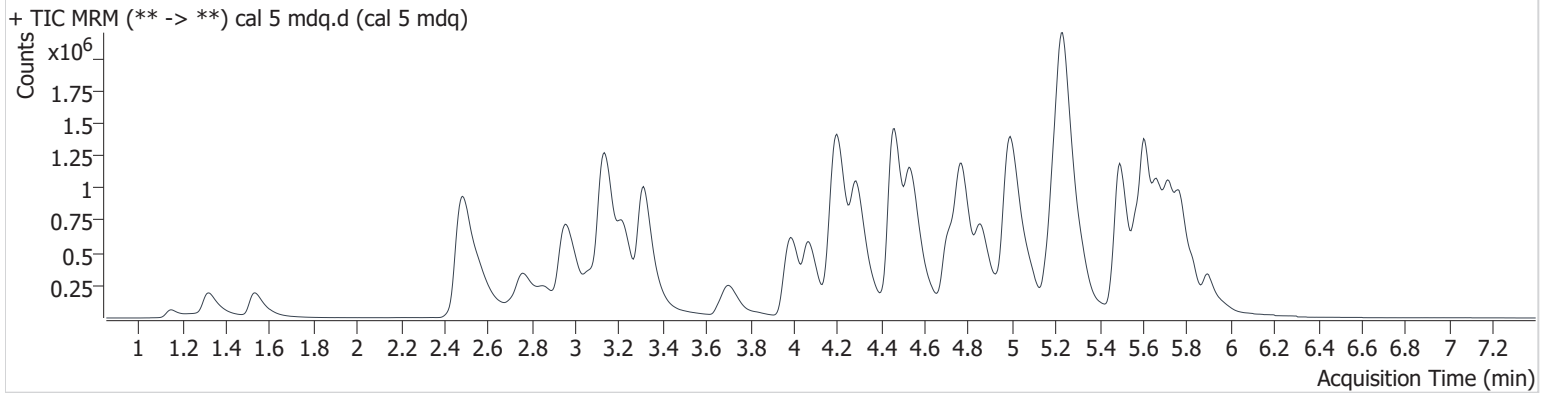
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.701	139240	∞	42.9	1499.9	300394	51.534 ng/ml
MDA	3.134	620912	17917.6	27.7	1956.9	355974	53.811 ng/ml
MDMA	3.231	535298	24515.9	103.1	117452.1	103516	49.174 ng/ml
Meprobamate	4.868	182946	6774.9	32.3	2629.8	107035	56.607 ng/ml
Methadone	5.613	979835	12657.1	63.1	9097.7	922144	48.059 ng/ml
Methamphetamine	3.140	1345254	∞	38.2	38027.3	966367	55.369 ng/ml
Metoprolol	4.270	135477	12046.3	91.0	6311.1	436791	53.155 ng/ml
Mirtazapine	4.545	1196389	∞	49.6	36894.1	922144	50.162 ng/ml
Mitragynine	5.161	198205	4423.2	31.9	∞	1364774	48.566 ng/ml
Morphine	1.152	34371	7652.9	23.9	1182.2	10020	49.673 ng/ml
Norbuprenorphine	4.958	3983	3892.3	95.1	3385.2	20093	4.785 ng/ml
Nordiazepam	5.840	169062	9420.9	61.7	∞	124906	50.839 ng/ml
Norfentanyl	4.018	16466	∞	268.5	3154.1	990881	4.834 ng/ml
Norhydrocodone	3.010	23687	567.2	22.0	∞	74359	44.943 ng/ml
Noroxycodone	2.850	159613	3128.4	43.6	427.0	103788	49.734 ng/ml
O-desmethyl-tramadol	3.317	1338801	55062.5	6.0	144653.4	1139173	50.328 ng/ml
Oxazepam	5.708	271916	1685.2	72.9	1349.4	300394	48.142 ng/ml
Oxycodone	2.762	510976	5617.6	28.8	10471.0	410832	53.153 ng/ml
Oxymorphone	1.325	295086	∞	44.7	∞	205816	50.440 ng/ml
Phentermine	3.715	201483	7980.2	13.0	3086.9	561918	51.096 ng/ml
Promethazine	5.493	800557	55375.5	42.1	8003.2	810616	48.478 ng/ml
Pseudoephedrine	2.491	1383110	32905.9	17.3	15616.4	1364774	49.873 ng/ml
Quetiapine	5.475	571550	337721.4	55.5	434182.5	159184	52.000 ng/ml
Sertraline	5.729	95511	199912.2	92.6	87473.9	71143	51.859 ng/ml
Temazepam	5.771	616536	10993.0	29.1	417.0	574882	48.794 ng/ml
Tramadol	4.188	1395069	90441.5	3.5	7407.5	1227987	51.640 ng/ml
Trazodone	5.000	716591	48478.5	76.3	16482.6	682110	50.458 ng/ml
Venlafaxine	4.981	858084	56136.2	39.1	18777.3	1458588	45.342 ng/ml
Zolpidem	4.772	1325133	567424.9	29.7	11146.3	1297866	49.078 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-E5 Comment
Injection Volume 3
Acq. Date-Time 8/5/2022 9:43:24 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.090	23774	62762.5	142.1	∞	65075	9.671 ng/ml
7-aminoclonazepam	4.218	382036	7835.4	68.5	98800.1	149054	97.456 ng/ml
a-hydroxyalprazolam	5.649	70871	∞	51.3	∞	529009	107.571 ng/ml
alpha-PHP	4.863	544769	2825.6	254.8	4757.4	679165	96.383 ng/ml
alpha-PVP	4.297	1913691	164604.8	50.3	∞	679165	99.067 ng/ml
Alprazolam	5.728	731953	1443.1	88.4	∞	274008	99.227 ng/ml
Amphetamine	2.961	907357	13720.0	256.8	∞	435725	107.355 ng/ml
Benzoylcegonine	3.836	42287	∞	49.7	553.3	11952	102.500 ng/ml
Buprenorphine	5.621	52073	1138.0	15.2	188.1	80233	8.671 ng/ml
Bupropion	4.717	1415845	1820301.4	73.9	46485.3	779659	98.264 ng/ml
Carisoprodol	5.683	358723	219361.6	75.5	8512.5	165624	96.791 ng/ml
Citalopram	5.173	1145228	19109.1	37.2	22768.8	520241	98.517 ng/ml
Clonazepam	5.571	372166	8713.3	34.0	∞	70758	101.226 ng/ml
Clonazepam	5.523	411346	29833.0	37.6	19612.0	529009	93.025 ng/ml
Cocaine	4.207	1257183	127757.2	50.7	638603.2	1000383	100.184 ng/ml
Codeine	2.508	145678	18439.2	92.1	4294.6	67630	104.372 ng/ml
Cyclobenzaprine	5.578	1179300	835993.0	8.7	66009.3	352558	100.724 ng/ml
Dextromethorphan	5.211	856504	1012791.2	77.9	243454.3	356073	99.714 ng/ml
Dextrorphan	4.074	1195291	323519.3	44.6	19577.0	559126	98.970 ng/ml
Diazepam	5.902	431059	20143.0	88.3	∞	196595	99.542 ng/ml
Dihydrocodeine	2.467	397026	1243.0	60.5	2907.1	241729	102.467 ng/ml
Diphenhydramine	5.238	3830650	143782.6	30.2	17314.1	1957804	100.640 ng/ml
Doxylamine	4.461	3870804	51344.5	73.6	84378.9	1442442	99.333 ng/ml
EDDP	5.206	1925993	57006.5	42.5	∞	970520	97.388 ng/ml
Etizolam	5.764	324534	8259.2	23.8	14169.7	196595	103.860 ng/ml
Fentanyl	5.027	125193	20871.3	119.8	271204.0	640275	9.484 ng/ml
Flualprazolam	5.659	298271	11364.5	98.1	∞	274008	102.782 ng/ml
Fluoxetine	5.665	781874	9276.2	6.6	35329.9	272179	101.417 ng/ml
Hydrocodone	2.953	460367	40360.0	37.4	∞	269413	99.054 ng/ml
Hydromorphone	1.533	429979	2010.7	72.8	1373.5	129353	100.128 ng/ml
Ketamine	3.982	1221343	251466.9	37.9	9723.3	626057	100.991 ng/ml
Lamotrigine	4.229	104185	33339.4	83.1	133907.8	329204	95.079 ng/ml
Levetiracetam	2.572	230768	51901.6	158.7	497945.1	129353	103.695 ng/ml

AM #28 Multi-Drug Quant. Results

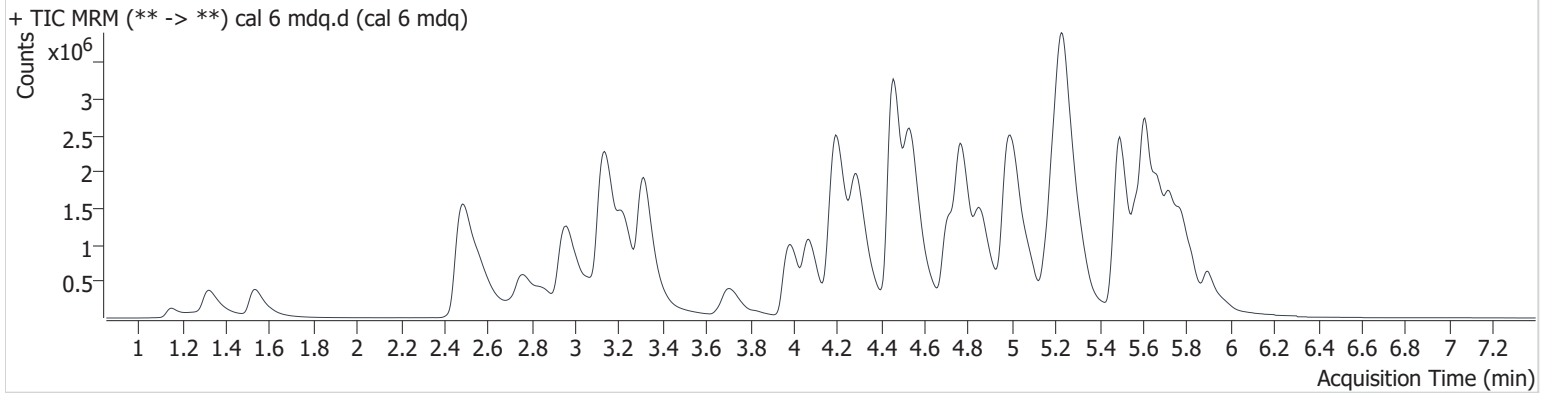
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.701	206237	∞	41.2	1976.8	242370	94.962 ng/ml
MDA	3.129	1127540	27104.9	26.2	6056.9	329204	107.248 ng/ml
MDMA	3.226	1119575	76158.8	102.5	40695.4	106926	99.231 ng/ml
Meprobamate	4.868	344631	86821.6	31.9	1044.4	106405	108.311 ng/ml
Methadone	5.608	2023542	44159.0	62.1	∞	947820	96.142 ng/ml
Methamphetamine	3.140	2657010	154964.5	38.8	∞	1054120	113.468 ng/ml
Metoprolol	4.265	272097	325284.5	92.0	1885.4	435725	107.179 ng/ml
Mirtazapine	4.545	2521100	61215.3	51.4	118326.0	947820	104.707 ng/ml
Mitragynine	5.161	401728	111445.3	31.5	101202.1	1448191	90.913 ng/ml
Morphine	1.152	74298	14840.3	24.2	2924.4	11407	94.635 ng/ml
Norbuprenorphine	4.948	8229	7627.7	91.3	4652.6	21145	9.280 ng/ml
Nordiazepam	5.840	318424	∞	59.8	83057.5	122077	97.842 ng/ml
Norfentanyl	4.023	35262	∞	255.2	5896.8	1050164	9.794 ng/ml
Norhydrocodone	3.010	56887	∞	25.7	∞	82582	95.834 ng/ml
Noroxycodone	2.850	326109	2174.6	43.3	3679.4	111669	94.457 ng/ml
O-desmethyl-tramadol	3.317	2935153	279842.0	6.0	31136.2	1266364	99.441 ng/ml
Oxazepam	5.708	443402	10316.3	71.0	1244.1	242370	97.315 ng/ml
Oxycodone	2.757	1060763	45155.0	29.5	19678.1	435791	104.589 ng/ml
Oxymorphone	1.320	643477	∞	44.8	∞	228457	99.182 ng/ml
Phentermine	3.710	428812	7879.5	12.4	176354.0	596152	102.925 ng/ml
Promethazine	5.493	1671862	∞	41.6	13724.2	838633	97.522 ng/ml
Pseudoephedrine	2.486	2919611	∞	16.3	41409.9	1448191	99.298 ng/ml
Quetiapine	5.475	1230280	∞	54.3	558315.5	167190	106.878 ng/ml
Sertraline	5.729	177425	222088.5	92.5	∞	65911	103.727 ng/ml
Temazepam	5.771	1135291	28446.6	29.5	2648.9	529009	97.655 ng/ml
Tramadol	4.182	2922996	184114.3	3.6	∞	1302544	102.490 ng/ml
Trazodone	4.995	1432176	52608.1	76.6	29061.1	678502	101.444 ng/ml
Venlafaxine	4.981	1888983	23329.6	38.1	34390.5	1505516	95.791 ng/ml
Zolpidem	4.772	2852861	92067.3	29.9	24180.1	1425611	96.117 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-F5 Comment
Injection Volume 3
Acq. Date-Time 8/5/2022 9:52:27 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.084	49121	40484.2	140.1	12344.5	51827	25.069 ng/ml
7-aminoclonazepam	4.218	717599	4388.2	69.5	6204.0	108420	251.294 ng/ml
a-hydroxyalprazolam	5.644	113199	1044.0	48.4	299.4	374657	246.356 ng/ml
alpha-PHP	4.863	1296626	4452.3	251.9	39628.1	620660	250.013 ng/ml
alpha-PVP	4.297	4344066	127881.0	51.4	66909.1	620660	245.767 ng/ml
Alprazolam	5.728	1477921	2445.7	88.8	∞	217044	252.660 ng/ml
Amphetamine	2.961	1692871	30047.6	255.3	293251.2	354114	250.276 ng/ml
Benzoylecgonine	3.836	107736	114291.0	50.4	3427.8	11899	263.175 ng/ml
Buprenorphine	5.621	111006	888.3	14.9	106.5	64935	22.452 ng/ml
Bupropion	4.712	3404509	104008.7	72.9	31315.8	736121	250.070 ng/ml
Carisoprodol	5.683	608987	∞	73.9	8526.8	110113	247.255 ng/ml
Citalopram	5.167	2427231	15445.1	38.1	56976.6	425396	255.013 ng/ml
Clonazepam	5.571	598647	5436.6	32.6	338987.1	46251	249.195 ng/ml
Clonazepam	5.523	810919	51410.5	37.4	109940.6	374657	257.861 ng/ml
Cocaine	4.202	2772559	206307.9	51.1	130047.8	900639	245.093 ng/ml
Codeine	2.508	269105	53992.6	96.2	20885.1	53908	242.603 ng/ml
Cyclobenzaprine	5.578	2697105	45013.0	9.0	∞	318041	255.669 ng/ml
Dextromethorphan	5.206	1880887	60498.1	78.1	767445.1	302768	257.217 ng/ml
Dextrorphan	4.074	2780909	363686.4	44.4	590336.6	518212	247.610 ng/ml
Diazepam	5.902	1023332	3639.1	85.1	8668.2	185841	249.643 ng/ml
Dihydrocodeine	2.462	829033	1782.2	61.4	3397.4	219483	236.421 ng/ml
Diphenhydramine	5.238	8627863	196378.8	29.9	325603.8	1770651	250.295 ng/ml
Doxylamine	4.456	9690795	715031.1	74.6	288030.2	1409524	254.435 ng/ml
EDDP	5.200	4600831	77557.3	43.0	∞	915438	246.461 ng/ml
Etizolam	5.764	718544	189942.5	24.7	126659.0	185841	243.763 ng/ml
Fentanyl	5.027	292224	80590.1	125.3	∞	608458	23.100 ng/ml
Flualprazolam	5.659	582969	∞	99.4	6101.1	217044	253.312 ng/ml
Fluoxetine	5.665	1576588	1020564.7	6.7	120494.8	221576	251.587 ng/ml
Hydrocodone	2.953	1004624	2835.4	37.7	18796.4	237674	245.245 ng/ml
Hydromorphone	1.533	1000304	2592.4	72.7	3079.0	120305	250.577 ng/ml
Ketamine	3.977	2857199	76984.1	37.3	26091.2	583737	253.420 ng/ml
Lamotrigine	4.229	187979	∞	89.6	153268.8	237457	234.701 ng/ml
Levetiracetam	2.572	496956	23496.3	156.7	25934.2	120305	241.368 ng/ml

AM #28 Multi-Drug Quant. Results

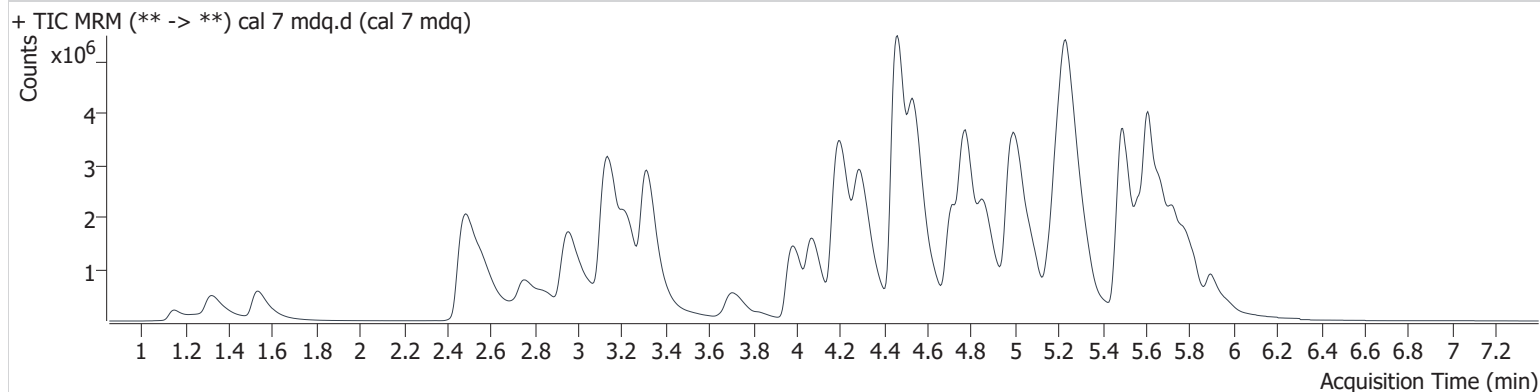
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	232925	∞	45.7	∞	117848	221.143 ng/ml
MDA	3.123	1911876	40592.2	26.9	6190.0	237457	254.338 ng/ml
MDMA	3.226	2483161	93248.6	100.7	883214.0	91774	255.906 ng/ml
Meprobamate	4.868	627186	7383.2	32.2	1838.2	84131	250.818 ng/ml
Methadone	5.613	5165083	316741.2	58.5	53155.6	910851	254.672 ng/ml
Methamphetamine	3.140	5662785	139789.1	38.8	166854.1	995143	276.657 ng/ml
Metoprolol	4.265	540496	38298.6	94.6	∞	354114	262.195 ng/ml
Mirtazapine	4.539	5901476	100001.0	50.1	629586.3	910851	257.603 ng/ml
Mitragynine	5.156	956342	31370.3	32.9	3310.4	1256737	245.849 ng/ml
Morphine	1.152	178971	32042.3	23.0	9110.6	10214	255.213 ng/ml
Norbuprenorphine	4.937	19277	11948.3	88.5	∞	18513	24.628 ng/ml
Nordiazepam	5.845	646160	∞	62.4	∞	97563	248.219 ng/ml
Norfentanyl	4.023	77673	∞	265.4	9357.4	904653	25.082 ng/ml
Norhydrocodone	3.010	143263	3869.8	29.1	∞	74880	264.104 ng/ml
Noroxycodone	2.850	672044	∞	42.7	2420.8	84984	255.807 ng/ml
O-desmethyl-tramadol	3.317	7066870	152638.2	6.0	70097.2	1223710	248.052 ng/ml
Oxazepam	5.703	561472	4772.6	72.5	7985.6	117848	253.466 ng/ml
Oxycodone	2.752	2176479	16175.8	29.3	19011.1	370564	253.205 ng/ml
Oxymorphone	1.320	1551143	∞	44.7	∞	202088	270.441 ng/ml
Phentermine	3.710	955917	∞	11.6	9484.8	540816	253.532 ng/ml
Promethazine	5.493	4352931	416324.0	40.2	90076.9	844554	251.609 ng/ml
Pseudoephedrine	2.486	6359996	∞	17.0	∞	1256737	249.391 ng/ml
Quetiapine	5.470	2756184	64459.6	56.7	3917890.4	161045	248.962 ng/ml
Sertraline	5.729	387779	∞	97.3	∞	62613	238.315 ng/ml
Temazepam	5.776	2083741	33467.4	29.6	4918.6	374657	253.104 ng/ml
Tramadol	4.182	6826655	∞	3.5	3762.0	1231880	253.827 ng/ml
Trazodone	4.995	3384450	41170.6	75.4	30656.9	641514	253.644 ng/ml
Venlafaxine	4.976	4581446	192019.5	38.0	43790.3	1373840	253.258 ng/ml
Zolpidem	4.772	6985191	184922.3	29.2	417332.3	1333456	251.480 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-G5 Comment
Injection Volume 3
Acq. Date-Time 8/5/2022 10:01:29 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	71844	1324762.7	139.7	213818.3	37645	50.466 ng/ml
7-aminoclonazepam	4.223	870792	6731.6	71.8	30987.8	68842	480.043 ng/ml
a-hydroxyalprazolam	5.644	115958	2507.8	50.9	769.7	220487	431.035 ng/ml
alpha-PHP	4.863	2130174	6608.8	252.2	9085.2	509290	499.918 ng/ml
alpha-PVP	4.297	7256799	280369.1	51.5	86866.3	509290	500.116 ng/ml
Alprazolam	5.728	2024836	38826.5	88.8	3521.6	140719	533.716 ng/ml
Amphetamine	2.961	2326430	37396.2	243.6	158717.2	260345	470.383 ng/ml
Benzoylcegonine	3.836	208898	898853.3	49.0	17618.5	11556	526.007 ng/ml
Buprenorphine	5.621	156111	1550.7	15.7	349.1	44645	45.678 ng/ml
Bupropion	4.712	5578170	113046.1	71.4	73133.4	589461	511.545 ng/ml
Carisoprodol	5.683	762969	596539.0	71.4	20317.2	67670	504.130 ng/ml
Citalopram	5.167	3387340	53155.1	39.6	22140.9	301934	501.200 ng/ml
Clonazepam	5.571	600135	5452936.8	34.3	14470.8	25134	459.758 ng/ml
Clonazepam	5.523	1036006	426409.2	37.7	68362.0	220487	559.077 ng/ml
Cocaine	4.207	4398300	∞	50.3	110400.5	701711	498.803 ng/ml
Codeine	2.508	397151	30313.4	91.6	44013.9	39883	484.496 ng/ml
Cyclobenzaprine	5.578	3976811	53715.6	9.2	222391.6	238292	503.335 ng/ml
Dextromethorphan	5.206	2785605	109784.8	77.2	30809.9	233166	494.477 ng/ml
Dextrophan	4.074	4508983	57066.6	44.9	145327.2	411873	504.558 ng/ml
Diazepam	5.902	1668919	23473.1	85.4	∞	150289	503.215 ng/ml
Dihydrocodeine	2.457	1255339	2864.6	61.4	3064.8	181344	433.782 ng/ml
Diphenhydramine	5.243	13203216	∞	29.9	198751.0	1352895	501.074 ng/ml
Doxylamine	4.461	17210893	186273.4	76.6	197362.5	1253757	507.980 ng/ml
EDDP	5.206	7942201	207563.8	42.9	∞	757795	513.833 ng/ml
Etizolam	5.764	1130229	10057.6	24.1	3984.7	150289	474.483 ng/ml
Fentanyl	5.032	472678	∞	127.2	330000.3	465125	48.731 ng/ml
Flualprazolam	5.659	779438	3305.3	98.0	∞	140719	522.166 ng/ml
Fluoxetine	5.665	2149936	3330485.3	6.8	62031.0	157292	483.537 ng/ml
Hydrocodone	2.953	1659049	∞	38.7	13603.0	192407	500.442 ng/ml
Hydromorphone	1.533	1587392	2014.8	73.3	1943.4	96193	497.395 ng/ml
Ketamine	3.982	4744325	10144513.3	36.5	16885.5	486921	504.491 ng/ml
Lamotrigine	4.234	253022	∞	85.8	∞	139101	536.581 ng/ml
Levetiracetam	2.572	777121	33400.4	155.0	45174.7	96193	472.971 ng/ml

AM #28 Multi-Drug Quant. Results

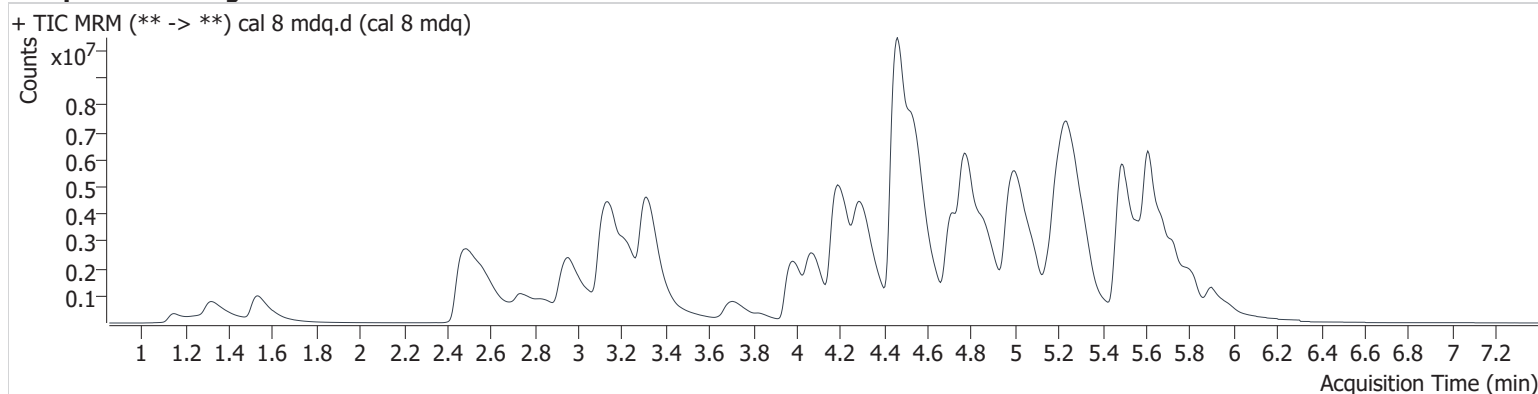
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.701	217145	∞	48.8	∞	54724	444.397 ng/ml
MDA	3.123	2110459	114993.5	27.4	10690.0	139101	480.728 ng/ml
MDMA	3.226	3819890	76125.2	100.7	87106.7	70902	509.228 ng/ml
Meprobamate	4.879	799904	6053.2	30.8	7530.2	53884	500.616 ng/ml
Methadone	5.613	8759119	68444.4	56.4	276550.3	765301	513.594 ng/ml
Methamphetamine	3.135	8577548	∞	39.1	63890.5	841161	508.678 ng/ml
Metoprolol	4.265	746825	311282.5	95.4	∞	260345	492.907 ng/ml
Mirtazapine	4.545	9817425	1341859.1	49.2	132910.5	765301	511.780 ng/ml
Mitragynine	5.156	1423796	33594.3	33.1	258247.9	964705	474.906 ng/ml
Morphine	1.152	306739	65899.5	22.9	14022.3	8935	500.346 ng/ml
Norbuprenorphine	4.942	28017	∞	95.4	117159.3	12284	53.806 ng/ml
Nordiazepam	5.845	865482	∞	64.3	33570.4	68615	472.604 ng/ml
Norfentanyl	4.023	119605	∞	261.7	∞	678672	51.508 ng/ml
Norhydrocodone	3.015	246909	7581.6	29.8	6570.4	60961	557.800 ng/ml
Noroxycodone	2.850	972082	52817.9	42.4	∞	60842	516.850 ng/ml
O-desmethyl-tramadol	3.312	12299888	565440.3	5.9	139546.1	1067429	495.135 ng/ml
Oxazepam	5.703	503818	954.9	73.4	∞	54724	489.805 ng/ml
Oxycodone	2.742	3154040	3517.4	29.7	29813.1	284890	477.801 ng/ml
Oxymorphone	1.320	2319438	∞	44.3	∞	167840	486.983 ng/ml
Phentermine	3.710	1516292	∞	11.0	4840.9	446904	487.053 ng/ml
Promethazine	5.493	7288171	110586.5	39.0	194901.9	697923	509.441 ng/ml
Pseudoephedrine	2.486	9809589	∞	16.8	∞	964705	501.186 ng/ml
Quetiapine	5.470	4343394	154594.7	56.1	∞	129289	488.977 ng/ml
Sertraline	5.729	552653	471605.1	94.5	∞	43548	488.070 ng/ml
Temazepam	5.781	2572323	27265.6	29.7	9258.1	220487	530.938 ng/ml
Tramadol	4.182	11107630	96265.1	3.4	9830.9	1037590	490.800 ng/ml
Trazodone	5.000	5191204	146122.9	75.8	279210.0	505083	494.195 ng/ml
Venlafaxine	4.981	7905293	204448.3	37.0	48846.8	1120006	535.135 ng/ml
Zolpidem	4.772	11918365	172696.4	29.6	99877.6	1125372	508.342 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\080422r\QuantResults\mdq.batch.bin
Calibration Last Update 8/5/2022 4:08:53 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-H5	Comment	
Injection Volume	3		
Acq. Date-Time	8/5/2022 10:19:27 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	99533	411439.3	138.5	309359.5	27505	95.680 ng/ml
7-aminoclonazepam	4.228	754219	7580.9	80.4	4134.6	25266	1132.566 ng/ml
a-hydroxyalprazolam	5.644	108613	∞	52.0	1220.4	104856	851.848 ng/ml
alpha-PHP	4.868	3839358	36673.3	253.9	17488.8	437218	1048.869 ng/ml
alpha-PVP	4.303	13405528	196947.3	50.8	301110.6	437218	1075.917 ng/ml
Alprazolam	5.728	2623233	5011.2	91.9	1953.9	99818	974.621 ng/ml
Amphetamine	2.961	3145361	70255.3	242.3	2159200.9	195640	848.656 ng/ml
Benzoylcegonine	3.836	472343	758108.4	50.3	19330.0	13569	1013.435 ng/ml
Buprenorphine	5.626	211337	1352.0	14.5	1368.0	25414	108.305 ng/ml
Bupropion	4.712	10156853	1683056.0	69.2	70459.9	536615	1023.037 ng/ml
Carisoprodol	5.688	846026	1145792.0	70.8	30747.7	36919	1024.679 ng/ml
Citalopram	5.162	4557693	53121.3	39.5	36925.4	201244	1011.564 ng/ml
Clonazepam	5.571	454163	17026.2	32.9	478899.1	9369	933.468 ng/ml
Clonazepam	5.533	977377	37360.2	38.2	81431.8	104856	1108.477 ng/ml
Cocaine	4.212	7121643	424110.7	50.4	157330.7	562723	1006.912 ng/ml
Codeine	2.514	584130	3496635239 49085.0	93.8	29060.4	31289	908.786 ng/ml
Cyclobenzaprine	5.573	5664671	557929.8	9.0	404314.1	170602	1001.633 ng/ml
Dextromethorphan	5.206	4173857	186424.0	77.1	643424.6	172847	999.264 ng/ml
Dextrorphan	4.079	8069820	831424.7	45.3	250889.1	371451	1000.745 ng/ml
Diazepam	5.902	2911633	24385.3	84.8	∞	130178	1013.317 ng/ml
Dihydrocodeine	2.452	2044218	863.6	63.3	9317.6	171362	747.956 ng/ml
Diphenhydramine	5.254	20385032	197782.8	29.6	58092.3	1000687	1045.677 ng/ml
Doxylamine	4.461	34919636	1372920.7	79.8	293999.0	1263114	1022.980 ng/ml
EDDP	5.200	16324235	∞	41.8	225374.6	771775	1036.872 ng/ml
Etizolam	5.769	1874196	20483.2	24.1	16575.2	130178	908.703 ng/ml
Fentanyl	5.037	843468	∞	128.9	∞	388468	103.965 ng/ml
Flualprazolam	5.665	948940	4872.2	95.6	352346.0	99818	896.065 ng/ml
Fluoxetine	5.671	2543790	90215.5	7.0	182714.2	92006	978.349 ng/ml
Hydrocodone	2.953	3106370	7780.0	38.5	∞	175900	1025.109 ng/ml
Hydromorphone	1.533	2974589	2009.8	72.9	3387.4	89147	1005.810 ng/ml
Ketamine	3.982	8478256	9007826.7	36.8	∞	442852	991.277 ng/ml
Lamotrigine	4.234	280407	46120.6	88.5	6853.3	83615	987.507 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.572	1277053	41253.6	156.2	61065.1	89147	839.416 ng/ml
Lorazepam	5.701	183544	∞	51.0	2279.1	18135	1134.148 ng/ml
MDA	3.103	2229301	479348.4	26.1	31760.4	83615	846.015 ng/ml
MDMA	3.226	6093708	528959.1	99.3	247252.8	60124	957.687 ng/ml
Meprobamate	4.900	790656	8507.7	32.9	2692.8	32313	825.896 ng/ml
Methadone	5.608	16448663	359795.5	55.2	68119.8	683205	1079.909 ng/ml
Methamphetamine	3.135	13817577	329526.8	38.1	∞	816079	855.378 ng/ml
Metoprolol	4.265	951228	62399.6	95.5	∞	195640	835.565 ng/ml
Mirtazapine	4.545	17091143	495076.4	49.3	328363.9	683205	999.706 ng/ml
Mitragynine	5.151	2404621	41168.3	33.5	2131851.9	743702	1037.982 ng/ml
Morphine	1.147	550258	115479.1	23.1	19419.0	7915	1013.629 ng/ml
Norbuprenorphine	4.937	42717	99257.8	97.4	30506.7	10127	99.403 ng/ml
Nordiazepam	5.845	1018025	8233.9	60.4	∞	35498	1074.356 ng/ml
Norfentanyl	4.023	175925	547464.4	259.2	40728.4	495815	103.729 ng/ml
Norhydrocodone	3.015	401921	∞	31.3 High	6566.7	48476	1140.621 ng/ml
Noroxycodone	2.850	1457678	529943.3	40.4	16761.0	44941	1049.284 ng/ml
O-desmethyl-tramadol	3.312	23685281	∞	5.9	∞	1019734	998.246 ng/ml
Oxazepam	5.703	363195	∞	69.7	9601.2	18135	1065.493 ng/ml
Oxycodone	2.726	4770397	1881.1	30.5	9368.3	234572	878.174 ng/ml
Oxymorphone	1.315	4265093	∞	44.6	∞	156469	960.654 ng/ml
Phentermine	3.710	2579935	∞	10.3	15335.6	422094	877.756 ng/ml
Promethazine	5.499	13472973	∞	37.4	798557.9	613505	1070.980 ng/ml
Pseudoephedrine	2.491	15377877	22609.9	16.9	72925.6	743702	1019.244 ng/ml
Quetiapine	5.464	6917211	505882.7	58.6	12625236.4	112188	897.686 ng/ml
Sertraline	5.729	673989	3518780.1	94.4	4572992579 697520.0	25559	1013.856 ng/ml
Temazepam	5.787	2347459	443288.3	30.4	22991.5	104856	1018.851 ng/ml
Tramadol	4.172	19090738	∞	3.4	13023.7	955736	916.216 ng/ml
Trazodone	5.005	8201801	146192.1	78.6	100702.4	405546	972.499 ng/ml
Venlafaxine	4.986	15121041	306188.8	36.6	53496.1	1004429	1140.462 ng/ml
Zolpidem	4.777	22592012	∞	28.8	5359640.4	1040468	1042.143 ng/ml