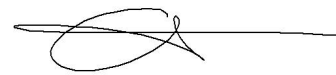










REVIEWED

By Amber Gerheart at 4:53 pm, Jun 27, 2022



6/27/2022

Worklist: 6005

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-1085	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1185	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1254	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1282	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1283	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1305	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1324	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-2071	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date 6/16/22

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 **Urine Blank lot:** 21522

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

COMMENTS:

Curve limits: Benzoylcegonine 10-1000, Buprenorphine 5-100, Clonazepam 5-500, Flualprazolam, 5-500, Lamotrigine 5-500, Levetiracetam 5-500 Lorazepam 5-500, Metoprolol 5-500, Norbuprenorphine 2.5-100

Etizolam not evaluated due to accuracy, ratios and poor response.

Quetiapine not evaluated due to accuracy.

Norhydrocodone not evaluated due to poor response at low end and ratios.

C2022-1254-1 clonazepam not evaluated due to poor internal standard response.

Request for Departure from an Analytical Method or Quality Standard

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

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

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

Technical Review

Departure approved
Comments:

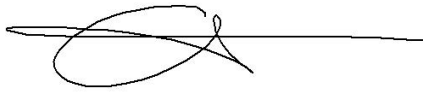
Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager

Date: 2/10/2022

Quality Review

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



SLE and Injection Plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1085-1									
B	IS + Cal. 2	IS + QC_2	1254-1									
C	IS + Cal. 3	IS + QC_3	negative blood									
D	IS + Cal. 4	IS + QC_4										
E	IS + Cal. 5	Qc 2 urine	1305-1									
F	IS + Cal. 6	negative urine	1282-1									
G	IS + Cal. 7	M2071-1	1283-3									
H	IS + Cal. 8	1324-1	1185-1									



c2022-0__-_
Mixing plate

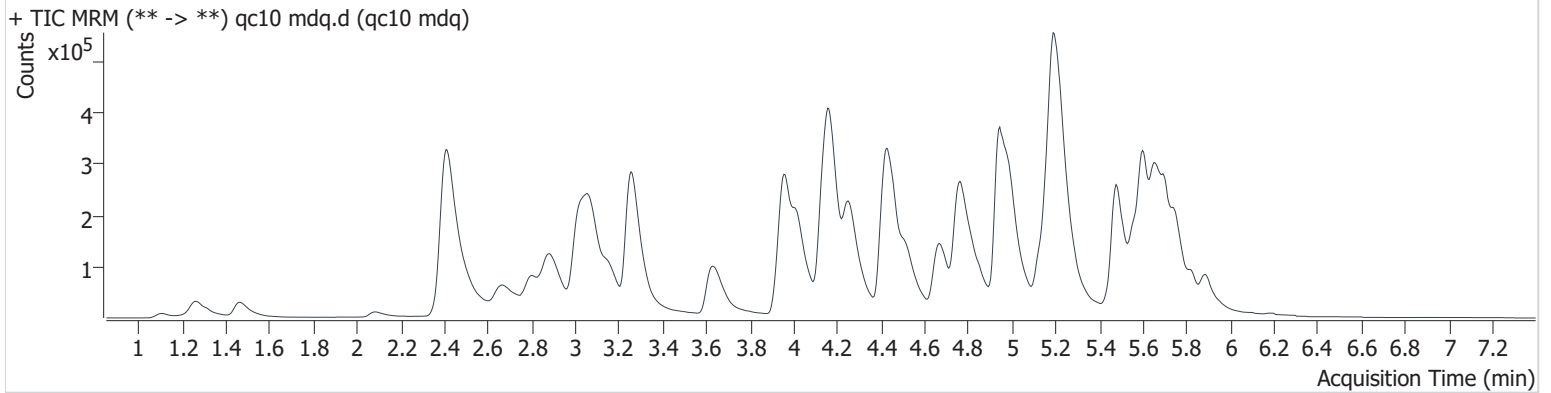
	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1		negative urine		1085-1						
B	IS + Cal. 2	IS + QC_2		M2071-1		1254-1						
C	IS + Cal. 3	IS + QC_3		1324-1		negative blood						
D	IS + Cal. 4	IS + QC_4										
E	IS + Cal. 5	Qc 2 urine			1305-1							
F	IS + Cal. 6				1282-1							
G	IS + Cal. 7				1283-3							
H	IS + Cal. 8				1185-1							

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	3		
Acq. Date-Time	6/16/2022 5:37:30 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
6-MAM	3.038	1517	3271.9	123.5	118.0	43653	1.028	ng/ml
7-aminoclonazepam	4.182	22858	334.0	66.2	1363.5	95664	10.060	ng/ml
a-hydroxyalprazolam	5.633	6461	∞	47.3	∞	328304	13.537	ng/ml
alpha-PHP	4.831	43041	953.0	248.0	2098.4	543918	10.067	ng/ml
alpha-PVP	4.267	136143	4557.5	54.0	1041.2	543918	9.411	ng/ml
Alprazolam	5.713	54842	297.4	89.6	36940.5	211561	10.347	ng/ml
Amphetamine	2.890	95465	4827.2	268.3	4493.9	371658	9.496	ng/ml
Benzoylcegonine	3.800	2859	∞	51.4	4117971561 03.5	8129	8.611	ng/ml
Buprenorphine	5.647	4036	33.5	18.8	15.8	84531	2.727	ng/ml OCR
Bupropion	4.681	110594	21037.2	72.5	5546.0	484953	10.418	ng/ml
Carisoprodol	5.667	30632	∞	70.6	335.8	155117	10.077	ng/ml
Citalopram	5.136	79932	824.8	32.1	709.6	405971	10.299	ng/ml
Clonazepam	5.555	33274	1130.8	33.7	14389.0	63972	11.943	ng/ml
Clonazolam	5.507	37338	52289.7	37.3	2034.1	328304	10.288	ng/ml
Cocaine	4.171	89231	∞	48.6	8713.1	685215	10.109	ng/ml
Codeine	2.443	11611	643.4	94.8	1447.1	61533	10.068	ng/ml
Cyclobenzaprine	5.567	101282	673.6	11.2	4220.5	309010	10.734	ng/ml
Dextromethorphan	5.174	68149	799.0	76.4	1664.9	286008	10.152	ng/ml
Dextrorphan	4.022	79184	186756.0	45.3	1326.9	392598	10.202	ng/ml
Diazepam	5.896	33105	1359.5	91.8	661.0	167083	10.337	ng/ml
Dihydrocodeine	2.417	31539	147.2	64.6	142.7	196619	10.574	ng/ml
Diphenhydramine	5.206	261572	2309.6	32.1	946.3	1512496	10.069	ng/ml
Doxylamine	4.441	318243	7666.4	80.9	3821.4	1249131	9.955	ng/ml
EDDP	5.174	117172	5575.6	40.6	27188.7	637964	9.728	ng/ml
Fentanyl	5.011	10095	4792.1	105.9	682.0	372138	1.001	ng/ml
Flualprazolam	5.649	29464	972.1	91.2	3989.8	211561	10.499	ng/ml
Fluoxetine	5.660	103154	2346.3	6.5	3175.5	325610	9.628	ng/ml
Hydrocodone	2.897	29403	701.5	43.0	322.0	205406	9.320	ng/ml
Hydromorphone	1.473	22255	14.9	75.9	22.0	89345	9.556	ng/ml
Ketamine	3.951	94694	3064.9	32.9	4812.9	472582	10.137	ng/ml
Lamotrigine	4.178	8341	928.8	92.1	1853.4	371658	9.552	ng/ml
Levetiracetam	2.506	17977	713.2	170.5	1115.8	89345	9.569	ng/ml

AM #28 Multi-Drug Quant. Results

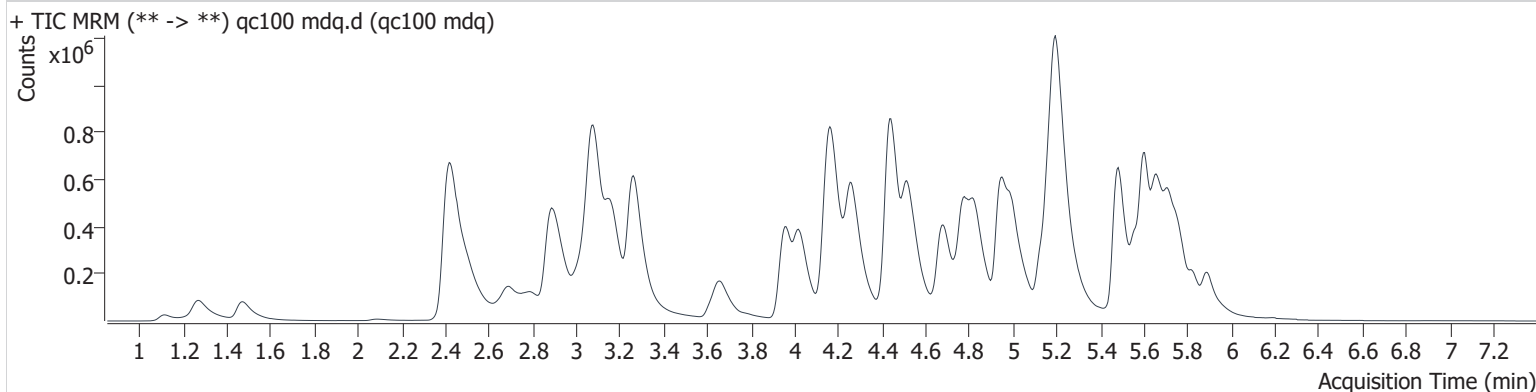
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	20275	∞	38.2	318.1	199079	11.326 ng/ml
MDA	3.057	135967	3318.8	26.9	∞	340391	11.097 ng/ml
MDMA	3.164	102665	2304.8	87.8	∞	82019	9.659 ng/ml
Meprobamate	4.816	21515	614.5	35.3	350.2	60151	9.478 ng/ml
Methadone	5.602	166925	914.5	60.8	14199.3	657919	8.897 ng/ml
Methamphetamine	3.079	232036	168.7	40.2	178.7	803779	9.694 ng/ml
Metoprolol	4.239	21217	1305.6	95.9	483.9	463058	11.260 ng/ml
Mirtazapine	4.519	200205	4827.4	56.0	∞	657919	8.065 ng/ml
Mitragynine	5.135	24081	3684.8	37.1	27951.8	1381221	9.792 ng/ml
Morphine	1.112	4192	1361.0	24.5	47.3	8863	9.749 ng/ml
Nordiazepam	5.835	28506	6893.2	65.0	∞	114751	10.149 ng/ml
Norfentanyl	4.003	3097	∞	192.5	163.9	855152	1.132 ng/ml
Noroxycodone	2.768	29640	11576.0	48.3	167.1	73218	10.088 ng/ml
O-desmethyl-tramadol	3.261	227640	4629.6	6.4	∞	1091124	9.978 ng/ml
Oxazepam	5.692	33157	838.8	71.6	80.1	199079	10.782 ng/ml
Oxycodone	2.691	58169	1185.5	31.0	1273.1	217353	10.563 ng/ml
Oxymorphone	1.265	44808	∞	47.1	∞	114803	9.955 ng/ml
Phentermine	3.663	36819	1498.1	10.5	96.7	463058	9.573 ng/ml
Promethazine	5.477	161687	2175.4	37.6	2469.4	658108	9.545 ng/ml
Pseudoephedrine	2.420	278848	2305.0	16.7	2085.0	1381221	10.133 ng/ml
Sertraline	5.718	18862	519.2	117.5	2023.9	76804	10.477 ng/ml
Temazepam	5.755	56783	1516.6	34.4	654.5	328304	9.982 ng/ml
Tramadol	4.152	228526	2900.0	3.7	140.1	1015917	10.195 ng/ml
Trazodone	4.995	55029	6948.6	73.3	1608.8	400669	8.835 ng/ml
Venlafaxine	4.944	159875	2658.0	32.6	1448.0	1152024	10.082 ng/ml
Zolpidem	4.782	180061	6477.1	30.1	1319.3	1008809	10.358 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	6/16/2022 8:19:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	10974	37202.2	123.2	1875.9	29843	10.851 ng/ml
7-aminoclonazepam	4.182	165818	1323.8	65.5	12687.6	70236	99.025 ng/ml
a-hydroxyalprazolam	5.638	30994	1322.9	49.2	2393.0	225527	108.590 ng/ml
alpha-PHP	4.836	322403	19181.6	253.4	2498.8	408437	101.089 ng/ml
alpha-PVP	4.267	1069819	306823.1	54.1	9576.9	408437	99.803 ng/ml
Alprazolam	5.718	364455	1495.6	93.9	∞	141463	101.264 ng/ml
Amphetamine	2.890	698586	15992.7	250.7	18268.8	278852	101.813 ng/ml
Benzoylcegonine	3.790	22578	476.8	54.2	∞	5670	115.271 ng/ml
Buprenorphine	5.652	16220	93.2	13.4	25.5	31672	11.281 ng/ml
Bupropion	4.686	901598	343383.6	72.1	3834.5	403082	96.600 ng/ml
Carisoprodol	5.673	216602	∞	72.0	2695.8	108918	102.236 ng/ml
Citalopram	5.136	585844	10237.6	32.9	66014.7	303400	98.702 ng/ml
Clonazepam	5.555	158815	∞	31.3	72682.9	35154	100.870 ng/ml
Clonazepam	5.501	260325	62150.8	36.4	24464.2	225527	87.984 ng/ml
Cocaine	4.171	615254	293506.2	47.9	200815.2	469335	102.892 ng/ml
Codeine	2.443	74659	∞	93.7	2572.6	40004	103.554 ng/ml
Cyclobenzaprine	5.567	572273	12152.0	11.2	8147.0	184477	100.491 ng/ml
Dextromethorphan	5.174	514927	9768.9	75.8	224937.7	215006	99.035 ng/ml
Dextrophan	4.028	645702	70531.6	44.7	150801.9	324454	97.823 ng/ml
Diazepam	5.891	254311	29939.5	90.9	3191.6	126612	103.085 ng/ml
Dihydrocodeine	2.417	224782	4118.1	63.5	1254.4	140916	111.647 ng/ml
Diphenhydramine	5.200	2027545	16352.4	31.7	11578.8	1129897	104.863 ng/ml
Doxylamine	4.441	2066905	3015017.6	79.0	35302.9	796682	101.675 ng/ml
EDDP	5.174	832296	730923.2	42.7	118599.6	469869	94.401 ng/ml
Fentanyl	5.006	71497	∞	108.0	95056.0	268922	9.450 ng/ml
Flualprazolam	5.654	197885	1371.7	90.4	116031.9	141463	100.160 ng/ml
Fluoxetine	5.660	559625	275811.0	5.9	∞	168326	103.660 ng/ml
Hydrocodone	2.897	195627	2491.6	42.9	1503.2	130724	98.417 ng/ml
Hydromorphone	1.473	167509	208.7	73.1	183.5	63501	96.583 ng/ml
Ketamine	3.956	728371	57106.8	34.1	4165.8	362318	103.788 ng/ml
Lamotrigine	4.173	58462	5546.9	97.0	∞	278852	91.847 ng/ml
Levetiracetam	2.511	147009	2531.4	167.2	7104.4	63501	119.069 ng/ml
Lorazepam	5.696	91121	∞	48.1	∞	106909	103.258 ng/ml

AM #28 Multi-Drug Quant. Results

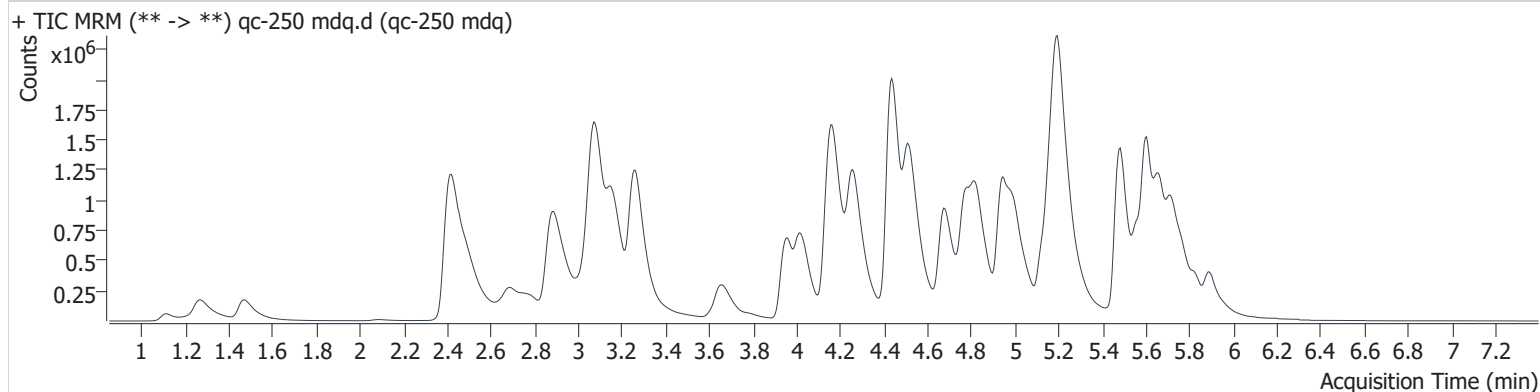
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.057	940741	24717.0	27.6	2955.9	248344	111.523 ng/ml
MDMA	3.164	810844	155364.1	88.4	62822.1	65982	98.189 ng/ml
Meprobamate	4.816	180145	179533.3	31.2	2398.3	47285	113.007 ng/ml
Methadone	5.602	1110433	17921.6	67.9	18671059.7	401102	96.011 ng/ml
Methamphetamine	3.084	1618123	2240.7	39.0	878.5	659543	105.783 ng/ml
Metoprolol	4.239	168301	22828.3	97.9	∞	376733	114.277 ng/ml
Mirtazapine	4.524	1245009	38031.3	56.1	113694.7	401102	92.667 ng/ml
Mitragynine	5.140	170484	7349.9	35.4	1685.6	1058891	90.559 ng/ml
Morphine	1.117	31663	∞	26.5	2250.8	6473	92.438 ng/ml
Norbuprenorphine	4.900	1981	∞	79.2	1140.8	4924	9.284 ng/ml
Nordiazepam	5.835	213670	∞	56.2	∞	85570	105.128 ng/ml
Norfentanyl	3.987	20538	65984.2	236.3	288582.6	672023	9.920 ng/ml
Noroxycodone	2.768	206604	1180.1	47.3	1934.7	52871	101.587 ng/ml
O-desmethyl-tramadol	3.266	1743112	544539.3	6.4	11822.2	848019	98.523 ng/ml
Oxazepam	5.698	170986	1747.0	72.2	3526.0	106909	101.529 ng/ml
Oxycodone	2.691	383350	197592.1	26.8	14151.2	145744	108.604 ng/ml
Oxymorphone	1.270	311632	∞	45.9	∞	77067	106.447 ng/ml
Phentermine	3.663	326817	∞	8.8	1672.3	376733	105.935 ng/ml
Promethazine	5.483	1150849	1984724.2	39.6	24914.0	450456	97.773 ng/ml
Pseudoephedrine	2.425	2144090	19240.4	16.7	20901.0	1058891	101.980 ng/ml
Sertraline	5.718	98931	72179.2	119.7	15774.9	45352	92.041 ng/ml
Temazepam	5.760	416749	9123.9	32.6	31792.7	225527	94.841 ng/ml
Tramadol	4.152	1795065	129197.6	3.8	374.7	816037	103.484 ng/ml
Trazodone	5.000	412869	6957.4	74.4	1574299.3	255083	100.067 ng/ml
Venlafaxine	4.949	1298796	39327.0	30.9	7227.7	916245	98.304 ng/ml
Zolpidem	4.777	1248374	600287.3	30.0	15876.6	706666	101.716 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 Data File qc-250 mdq.d
Type QC Sample qc-250 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-C2 Comment
Injection Volume 3
Acq. Date-Time 6/16/2022 5:46:32 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.028	24254	46901.0	134.5	1738.1	27751	25.787 ng/ml
7-aminoclonazepam	4.182	370809	3943.5	67.6	4487.7	62035	250.653 ng/ml
a-hydroxyalprazolam	5.633	55813	1272.3	44.0	439.0	195167	228.506 ng/ml
alpha-PHP	4.831	813403	2240.2	253.4	8767.1	411847	253.041 ng/ml
alpha-PVP	4.262	2716074	69090.5	52.8	20812.1	411847	251.495 ng/ml
Alprazolam	5.718	829786	3862.2	91.1	1239.7	125615	259.369 ng/ml
Amphetamine	2.890	1397568	17950.3	253.3	101497.4	246111	232.111 ng/ml
Benzoylcegonine	3.790	58980	14854.2	59.2	1597.6	7059	243.771 ng/ml
Buprenorphine	5.642	39138	175.6	15.3	31.3	31980	24.390 ng/ml
Bupropion	4.681	2317547	79129.9	71.6	14208.7	407133	244.860 ng/ml
Carisoprodol	5.673	402796	∞	74.2	9634.8	79333	261.147 ng/ml
Citalopram	5.130	1435150	8969.5	33.6	6786.6	290670	251.975 ng/ml
Clonazepam	5.560	315505	163760.2	31.2	963.7	26952	260.781 ng/ml
Clonazepam	5.501	565917	∞	34.8	23068.6	195167	218.304 ng/ml
Cocaine	4.166	1539065	81288.9	49.7	31943.3	480468	251.602 ng/ml
Codeine	2.443	156299	24620.5	92.3	5658.8	33166	262.172 ng/ml
Cyclobenzaprine	5.567	1402041	19645.4	11.5	26800.8	181149	250.527 ng/ml
Dextromethorphan	5.169	1201055	23645.0	76.6	32555.0	197177	251.370 ng/ml
Dextrophan	4.022	1571843	87213.1	45.7	11162.3	312821	246.500 ng/ml
Diazepam	5.891	615520	∞	93.4	3518.4	122411	257.783 ng/ml
Dihydrocodeine	2.412	494450	1807.0	67.1	2122.2	133521	260.152 ng/ml
Diphenhydramine	5.200	4926578	3174466.6	30.9	∞	1047853	274.815 ng/ml
Doxylamine	4.436	5276253	133570.6	82.0	70636.0	834959	247.698 ng/ml
EDDP	5.174	2223660	98477.6	41.9	67357.7	482141	245.902 ng/ml
Fentanyl	5.006	190677	21293.7	105.8	393784.1	270428	24.996 ng/ml
Flualprazolam	5.649	443422	4930.4	87.4	2225.3	125615	251.862 ng/ml
Fluoxetine	5.660	1237472	∞	5.9	64863.9	147897	261.299 ng/ml
Hydrocodone	2.891	468461	5427.4	41.7	∞	122418	251.828 ng/ml
Hydromorphone	1.473	424617	1510.2	74.8	2620.7	62597	247.606 ng/ml
Ketamine	3.956	1806867	153710.9	34.8	82473.9	363468	256.992 ng/ml
Lamotrigine	4.173	131127	∞	89.2	∞	246111	233.898 ng/ml
Levetiracetam	2.506	358593	6999.0	166.6	12017.9	62597	295.893 ng/ml
Lorazepam	5.691	128412	∞	47.1	716.3	66544	235.235 ng/ml

AM #28 Multi-Drug Quant. Results

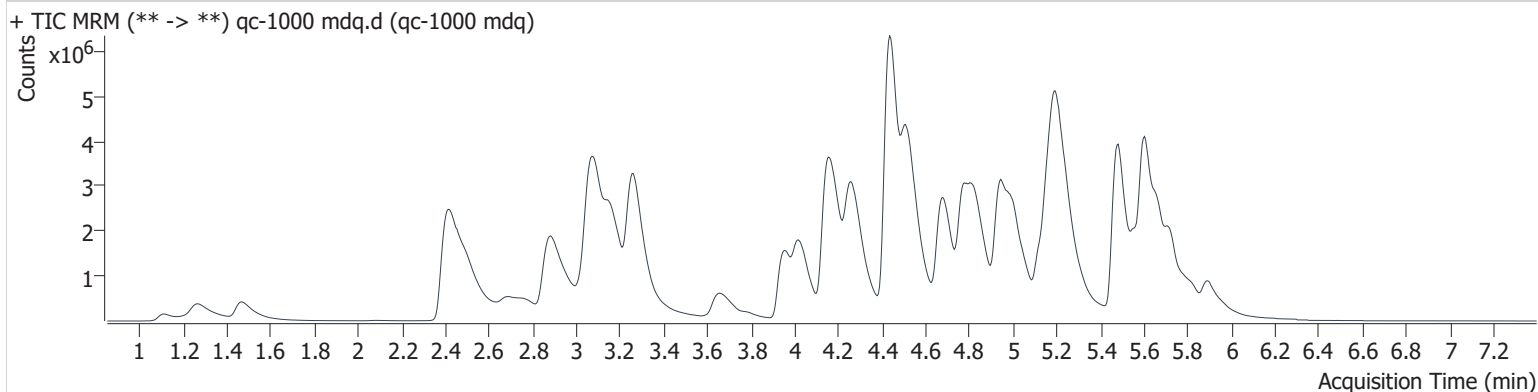
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.052	1820460	46354.4	27.6	7058.9	196619	273.658 ng/ml
MDMA	3.159	1905303	52625.4	88.8	31116.4	56251	271.304 ng/ml
Meprobamate	4.811	364479	2604.3	31.9	10160.7	40710	267.259 ng/ml
Methadone	5.602	2859181	221175.8	64.3	24117.0	394040	251.468 ng/ml
Methamphetamine	3.079	3688772	2587.6	39.8	1975.7	652533	247.810 ng/ml
Metoprolol	4.239	387255	51007.2	99.3	∞	361177	274.992 ng/ml
Mirtazapine	4.519	3240906	83472.8	55.4	∞	394040	247.412 ng/ml
Mitragynine	5.129	416809	7807.0	35.4	15654.1	972476	241.105 ng/ml
Morphine	1.112	81284	∞	27.5	∞	7236	211.142 ng/ml
Norbuprenorphine	4.906	5258	6333.3	87.8	4975.4	4865	24.239 ng/ml
Nordiazepam	5.835	476889	83751.4	57.8	840974.2	76703	262.269 ng/ml
Norfentanyl	3.987	49519	∞	243.7	2643.9	602925	26.742 ng/ml
Noroxycodone	2.763	448622	1470.5	43.4	24190.3	43677	267.812 ng/ml
O-desmethyl-tramadol	3.261	4408565	328766.4	6.4	16213.1	846274	249.730 ng/ml
Oxazepam	5.692	276991	140810.3	70.8	14135.0	66544	263.865 ng/ml
Oxycodone	2.691	745113	∞	31.1	23594.9	136816	225.448 ng/ml
Oxymorphone	1.265	720821	∞	46.4	∞	74074	256.662 ng/ml
Phentermine	3.663	767093	∞	9.1	∞	361177	259.573 ng/ml
Promethazine	5.477	2999910	∞	38.4	27091.2	454421	252.389 ng/ml
Pseudoephedrine	2.420	4933121	12185.7	16.4	34108.4	972476	255.543 ng/ml
Sertraline	5.723	238998	19192.2	111.3	65335.4	35888	280.727 ng/ml
Temazepam	5.760	838222	11012.8	32.2	4835.0	195167	218.817 ng/ml
Tramadol	4.152	4439126	∞	3.7	∞	821739	254.764 ng/ml
Trazodone	4.995	1055212	18825.1	76.7	45505.7	254265	255.987 ng/ml
Venlafaxine	4.944	3290149	50079.8	31.4	37258.1	890780	255.329 ng/ml
Zolpidem	4.777	3110516	∞	31.5	41221.5	728268	245.798 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 **Data File** qc-1000 mdq.d
Type QC **Sample** qc-1000 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-D2 **Comment**
Injection Volume 3
Acq. Date-Time 6/16/2022 5:55:34 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.018	52748	2596.4	127.9	7159.9	15700	99.123 ng/ml
7-aminoclonazepam	4.187	588716	9145.2	71.9	2080.3	22142	1114.808 ng/ml
a-hydroxyalprazolam	5.628	71551	808.3	51.6	290.2	66556	865.494 ng/ml
alpha-PHP	4.831	2413389	7652.5	253.8	9417.0	307422	1006.024 ng/ml
alpha-PVP	4.267	8279109	182054.0	52.6	177044.0	307422	1027.432 ng/ml
Alprazolam	5.718	1716828	2116.9	94.4	∞	72977	923.251 ng/ml
Amphetamine	2.884	3144997	161750.8	239.3	143844.6	153356	840.994 ng/ml
Benzoylcegonine	3.784	203551	18896.7	56.8	4079.7	5664	1054.161 ng/ml
Buprenorphine	5.642	100146	511.7	15.7	94.6	18633	100.848 ng/ml
Bupropion	4.681	7583816	168380.3	68.6	170388.6	328784	990.274 ng/ml
Carisoprodol	5.678	680701	∞	70.5	13719.7	32615	1073.751 ng/ml
Citalopram	5.125	3396530	45028.0	34.7	21851.6	166123	1042.615 ng/ml
Clonazepam	5.560	363884	8190.6	32.6	279044.2	8965	903.275 ng/ml
Clonazepam	5.512	935223	44649.6	37.3	15836.9	66556	1050.993 ng/ml OCR
Cocaine	4.171	4299501	594409.3	48.7	79074.0	338671	997.524 ng/ml
Codeine	2.448	334110	∞	93.0	1207.9	19250	966.778 ng/ml
Cyclobenzaprine	5.562	3755386	∞	11.4	4987.4	120658	1007.067 ng/ml
Dextromethorphan	5.169	3057466	46122.9	77.3	102920.7	128653	979.766 ng/ml
Dextrophan	4.028	4839290	159053.1	45.8	88669.7	228443	1038.190 ng/ml
Diazepam	5.891	1790969	7236.1	90.7	∞	87399	1049.968 ng/ml
Dihydrocodeine	2.401	1228909	3077.5	65.1	2404.7	96513	896.283 ng/ml
Diphenhydramine	5.211	12875611	73771.5	31.6	26248.8	707030	1064.570 ng/ml
Doxylamine	4.436	18280978	138142.2	83.5	7145006.7	702842	1019.641 ng/ml
EDDP	5.168	7378788	200659.4	44.2	98173.7	402796	976.914 ng/ml
Fentanyl	5.006	557004	∞	114.3	511289.8	194304	101.499 ng/ml
Flualprazolam	5.654	858735	3143.3	84.7	2213.4	72977	838.208 ng/ml OCR
Fluoxetine	5.665	2934947	33341.1	6.0	35274.8	89052	1030.055 ng/ml
Hydrocodone	2.886	1368543	∞	43.3	5958.3	99539	905.047 ng/ml
Hydromorphone	1.468	1192112	1650.9	74.2	1667.9	43632	995.850 ng/ml
Ketamine	3.951	5371693	251045.2	34.1	∞	285514	973.264 ng/ml
Lamotrigine	4.178	258553	33266.9	90.0	10176.7	153356	740.820 ng/ml OCR
Levetiracetam	2.506	894748	66929.5	163.3	106604.6	43632	1061.412 ng/ml OCR
Lorazepam	5.691	121353	∞	49.1	1220.6	11250	1320.169 ng/ml OCR

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
MDA	3.042	3086811	51895.5	27.4	14475.2	90421	1010.989	ng/ml
MDMA	3.159	5207260	647894.2	87.3	93252.2	40029	1043.077	ng/ml
Meprobamate	4.811	612951	12432.7	31.8	17055.6	19968	919.359	ng/ml
Methadone	5.602	9610638	155072.9	61.8	59782.7	319556	1041.949	ng/ml
Methamphetamine	3.084	10316606	10235.1	39.3	7399.5	517429	881.913	ng/ml
Metoprolol	4.234	890051	332134.1	100.4	∞	273020	837.156	ng/ml
Mirtazapine	4.524	9839973	445993.8	55.6	115848.9	319556	929.380	ng/ml
Mitragynine	5.129	1073516	12258.9	38.8	15338.7	655282	921.617	ng/ml
Morphine	1.112	240851	∞	26.7	∞	4938	913.780	ng/ml
Norbuprenorphine	4.900	14597	92190.1	88.4	20568.5	3027	106.731	ng/ml
Nordiazepam	5.840	934947	∞	57.1	∞	37730	1046.322	ng/ml
Norfentanyl	3.982	121618	∞	237.5	12841.6	370547	107.013	ng/ml
Noroxycodone	2.768	1043081	3886.0	39.5	∞	25015	1088.699	ng/ml
O-desmethyl-tramadol	3.261	14616412	224504.4	6.2	38588.4	697884	1004.091	ng/ml
Oxazepam	5.692	205348	1323.1	68.0	∞	11250	1156.256	ng/ml
Oxycodone	2.691	2063541	∞	31.7	7466.7	79411	1077.752	ng/ml
Oxymorphone	1.265	1938853	∞	45.9	∞	51989	984.644	ng/ml
Phentermine	3.658	2095879	∞	8.2	∞	273020	938.610	ng/ml
Promethazine	5.483	10300817	353331.7	37.1	∞	372563	1056.540	ng/ml
Pseudoephedrine	2.420	13386410	102107.4	16.3	31372.9	655282	1029.213	ng/ml
Sertraline	5.723	616040	2954530.5	112.0	19093.2	26112	994.193	ng/ml
Temazepam	5.776	1216356	184923.5	34.2	∞	66556	927.147	ng/ml
Tramadol	4.146	13042529	106786.1	3.6	4263.2	674333	913.256	ng/ml
Trazodone	5.000	3215337	70717.6	74.7	37484.3	177009	1119.193	ng/ml
Venlafaxine	4.944	10892133	406875.5	30.7	104082.7	657781	1142.917	ng/ml
Zolpidem	4.777	10001698	336823.3	30.2	188802.1	561627	1024.570	ng/ml

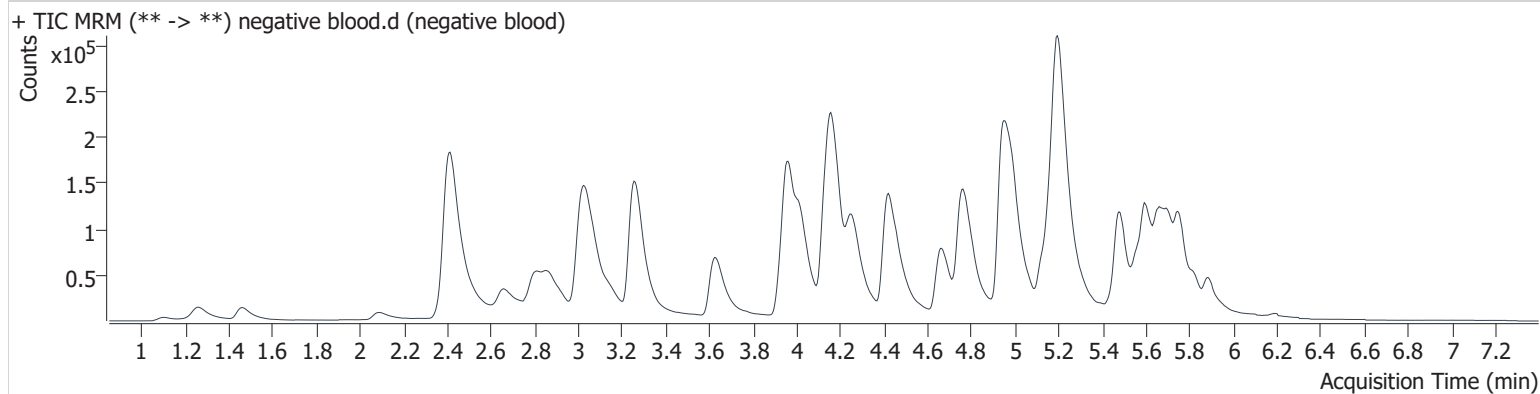
OCR

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

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-C3	Comment	
Injection Volume	3		
Acq. Date-Time	6/16/2022 7:25:40 PM		
Sample Info.			

Sample Chromatogram

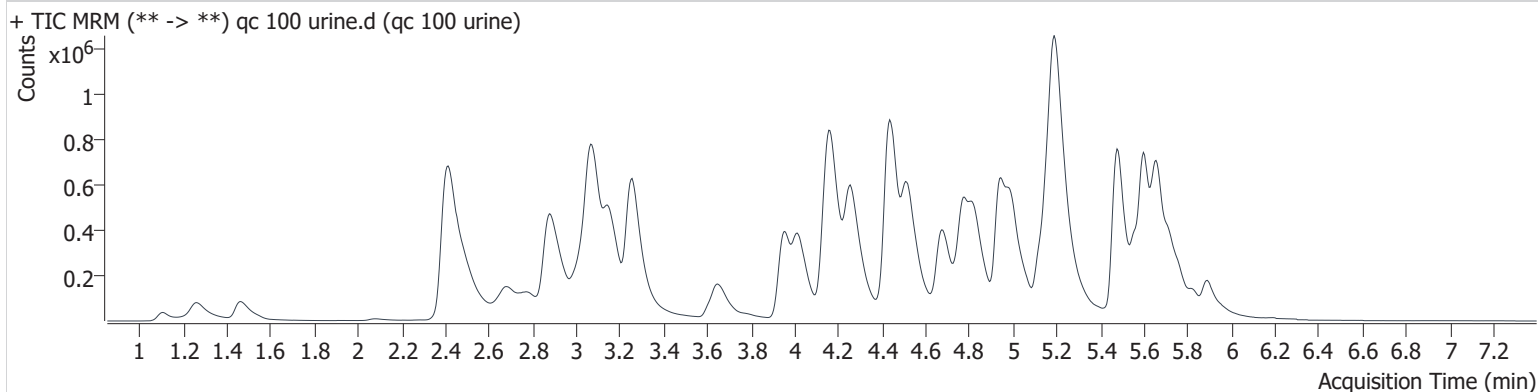


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

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-E2	Comment	
Injection Volume	3		
Acq. Date-Time	6/16/2022 6:13:32 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.018	10959	71770.6	138.9	686.0	32074	10.083 ng/ml
7-aminoclonazepam	4.177	192595	1079.5	69.5	6271.3	80496	100.355 ng/ml
a-hydroxyalprazolam	5.633	20989	962.6	51.5	∞	96305	173.589 ng/ml
alpha-PHP	4.831	314746	3877.5	249.5	24184.6	419521	96.076 ng/ml
alpha-PVP	4.267	1070275	100084.9	52.8	4000.8	419521	97.204 ng/ml
Alprazolam	5.718	251542	3986.3	91.2	623.0	95403	103.629 ng/ml
Amphetamine	2.879	668787	9015.2	256.2	16016.7	267535	101.591 ng/ml
Benzoylcegonine	3.784	25419	1756.2	60.4	245.8	7461	98.376 ng/ml
Buprenorphine	5.647	14656	47.7	15.1	27.5	32696	10.104 ng/ml
Bupropion	4.681	828059	21481.4	76.1	1284.2	392432	91.165 ng/ml
Carisoprodol	5.667	142836	1973684.0	76.5	1422.4	74634	98.384 ng/ml
Citalopram	5.130	634321	5557.7	33.1	14162.9	319042	101.622 ng/ml
Clonazepam	5.550	94725	306617.3	32.3	106902.0	20793	101.715 ng/ml
Clonazepam	5.501	156918	23520.0	37.0	5542.1	96305	123.458 ng/ml
Cocaine	4.171	609990	31609.9	50.4	42515.4	478886	99.974 ng/ml
Codeine	2.438	73243	11741.1	93.6	3040.6	39196	103.682 ng/ml
Cyclobenzaprine	5.567	645192	11205.6	10.6	4935.9	212134	98.527 ng/ml
Dextromethorphan	5.169	535483	7401.4	75.8	5598.0	214422	103.255 ng/ml
Dextrophan	4.022	627853	14255.9	46.1	7831.6	315168	97.921 ng/ml
Diazepam	5.891	229360	10325.8	90.6	4055.7	105746	111.302 ng/ml
Dihydrocodeine	2.407	240050	3115.9	66.3	1235.2	150390	111.720 ng/ml
Diphenhydramine	5.200	2085682	47624.1	30.8	23776.2	1143612	106.577 ng/ml
Doxylamine	4.441	2134076	51585.5	80.3	∞	827320	101.092 ng/ml
EDDP	5.174	879479	7703.6	41.6	5163.1	494063	94.868 ng/ml
Fentanyl	5.000	83562	4871.5	102.1	117488.4	286549	10.362 ng/ml
Flualprazolam	5.649	164838	18999.5	90.1	∞	95403	123.576 ng/ml
Fluoxetine	5.660	784004	22053.9	6.0	25118.0	246143	99.299 ng/ml
Hydrocodone	2.891	208213	2356.2	44.1	4045.4	132240	103.554 ng/ml
Hydromorphone	1.463	171600	141.6	75.2	178.9	69058	91.008 ng/ml
Ketamine	3.951	714657	19782.6	33.8	7348.6	355784	103.704 ng/ml
Lamotrigine	4.168	61398	826.1	87.2	1149.1	267535	100.570 ng/ml
Levetiracetam	2.501	147003	2321.2	162.0	5777.4	69058	109.414 ng/ml
Lorazepam	5.681	30603	∞	48.6	∞	36772	100.797 ng/ml

AM #28 Multi-Drug Quant. Results

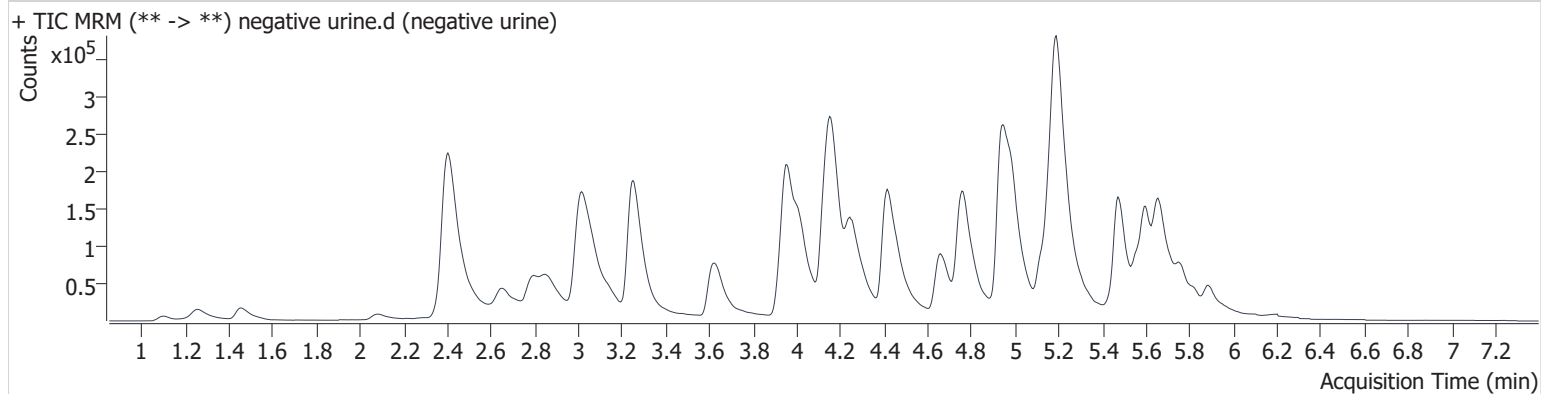
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.052	848338	13453.0	27.9	1689.0	224453	111.272 ng/ml
MDMA	3.154	806072	35415.2	87.2	∞	59917	107.529 ng/ml
Meprobamate	4.816	140665	12218.1	32.4	605.4	39223	106.305 ng/ml
Methadone	5.602	1145644	10203.4	67.5	3314.2	403853	98.378 ng/ml
Methamphetamine	3.079	1534592	1738.8	39.5	1026.0	630163	104.977 ng/ml
Metoprolol	4.234	169834	68473.7	98.6	6537.4	363679	119.481 ng/ml
Mirtazapine	4.519	1291883	741295.8	55.2	24194.5	403853	95.536 ng/ml
Mitragynine	5.129	204356	5593.4	36.9	3364.2	1071031	107.324 ng/ml
Morphine	1.107	44255	∞	27.5	9935.6	9435	88.681 ng/ml
Norbuprenorphine	4.921	2325	1424.0	83.6	2883.8	5223	10.225 ng/ml
Nordiazepam	5.835	134442	5943.3	59.3	∞	52401	108.027 ng/ml
Norfentanyl	3.987	20789	2010.8	221.7	586.2	654321	10.314 ng/ml
Noroxycodone	2.758	213459	1131.3	46.0	942.5	56860	97.576 ng/ml
O-desmethyl-tramadol	3.256	1768241	34789.0	6.5	15561.7	870002	97.418 ng/ml
Oxazepam	5.687	48357	301.4	68.5	186.1	36772	83.523 ng/ml
Oxycodone	2.686	353792	31685.7	37.2	18188.2	156380	93.337 ng/ml
Oxymorphone	1.260	282454	∞	45.8	∞	73511	101.130 ng/ml
Phentermine	3.658	310955	7654.1	9.1	1396.9	363679	104.409 ng/ml
Promethazine	5.477	1453252	50604.2	38.9	19432.1	571064	97.389 ng/ml
Pseudoephedrine	2.415	2162312	10837.3	16.4	7332.0	1071031	101.681 ng/ml
Sertraline	5.718	132011	2831.4	116.0	13490.3	56791	98.072 ng/ml
Temazepam	5.760	172167	7407.1	31.9	316.3	96305	91.794 ng/ml
Tramadol	4.152	1800597	∞	3.6	1951.5	812051	104.316 ng/ml
Trazodone	4.995	470737	11096.7	76.0	3168.0	305687	95.223 ng/ml
Venlafaxine	4.944	1326310	39243.7	30.8	39036.7	901083	102.056 ng/ml
Zolpidem	4.777	1302499	98976.5	29.9	19315.3	720839	104.038 ng/ml

AM #28 Multi-Drug Quant. Results

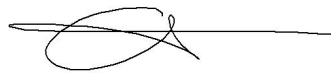
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument	69679	Data File	negative urine.d
Type	Sample	Sample	negative urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	6/16/2022 6:22:35 PM		
Sample Info.			

Sample Chromatogram

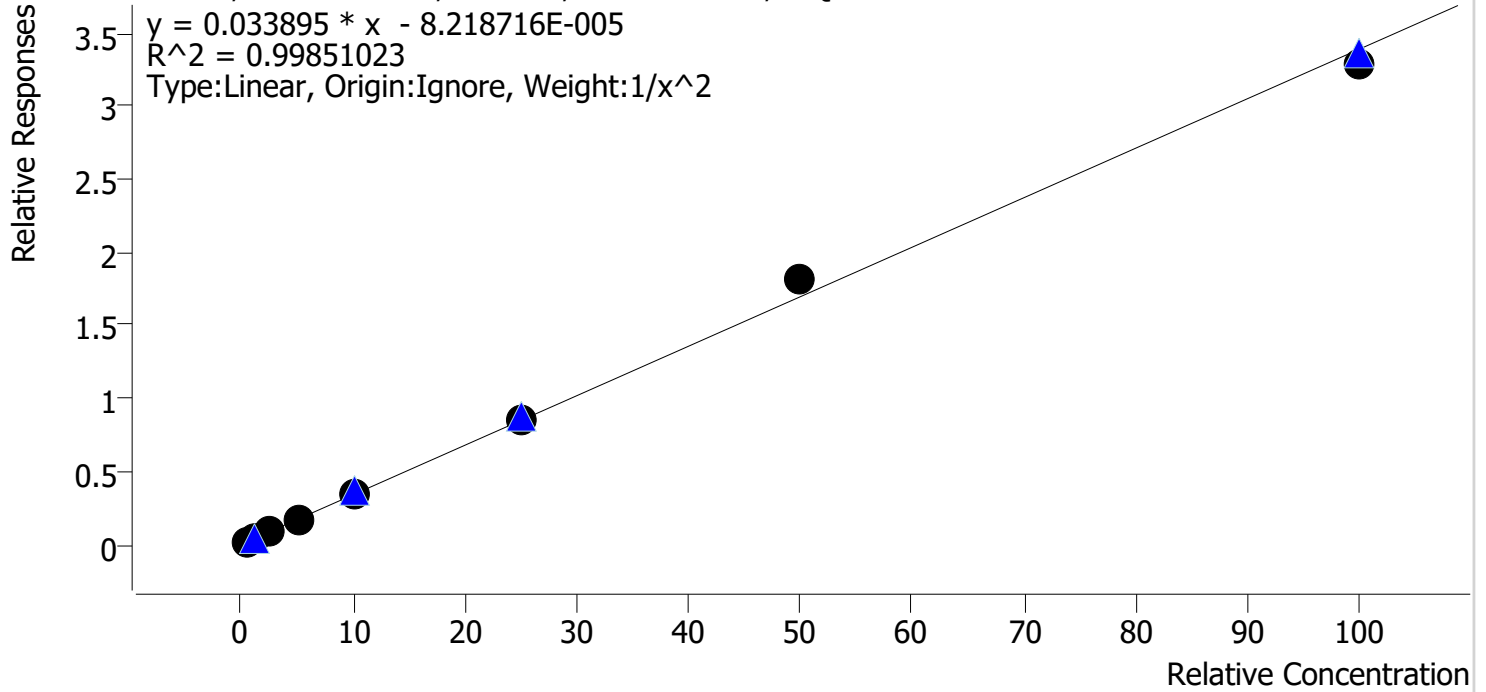


Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



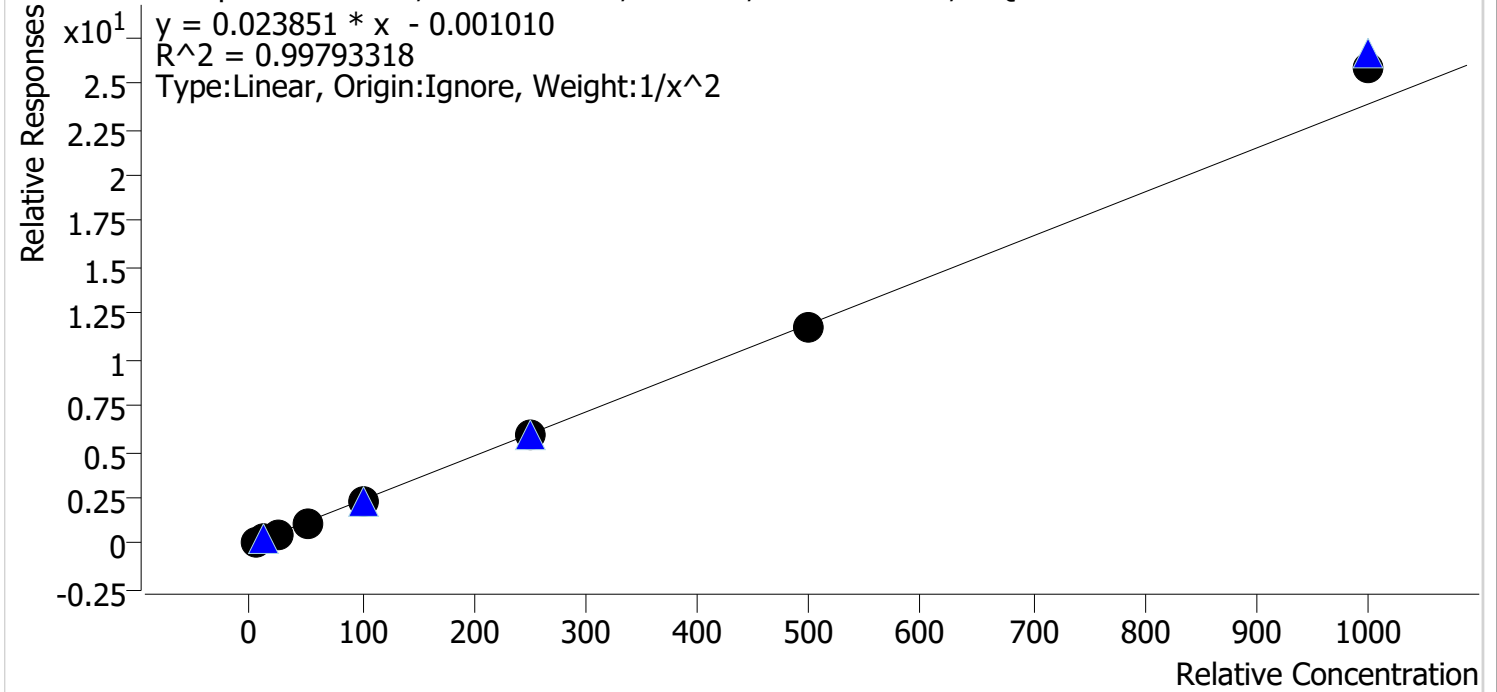
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.7
cal 2 mdqr	2	✓	1.0	1.0	100.4
cal 3 mdq	3	✓	2.5	2.4	95.9
cal 4 mdq	4	✓	5.0	5.0	99.1
cal 5 mdq	5	✓	10.0	9.8	98.4
cal 6 mdq	6	✓	25.0	25.4	101.8
cal 7 mdq	7	✓	50.0	53.4	106.8
cal 8 mdq	8	✓	100.0	97.0	97.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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

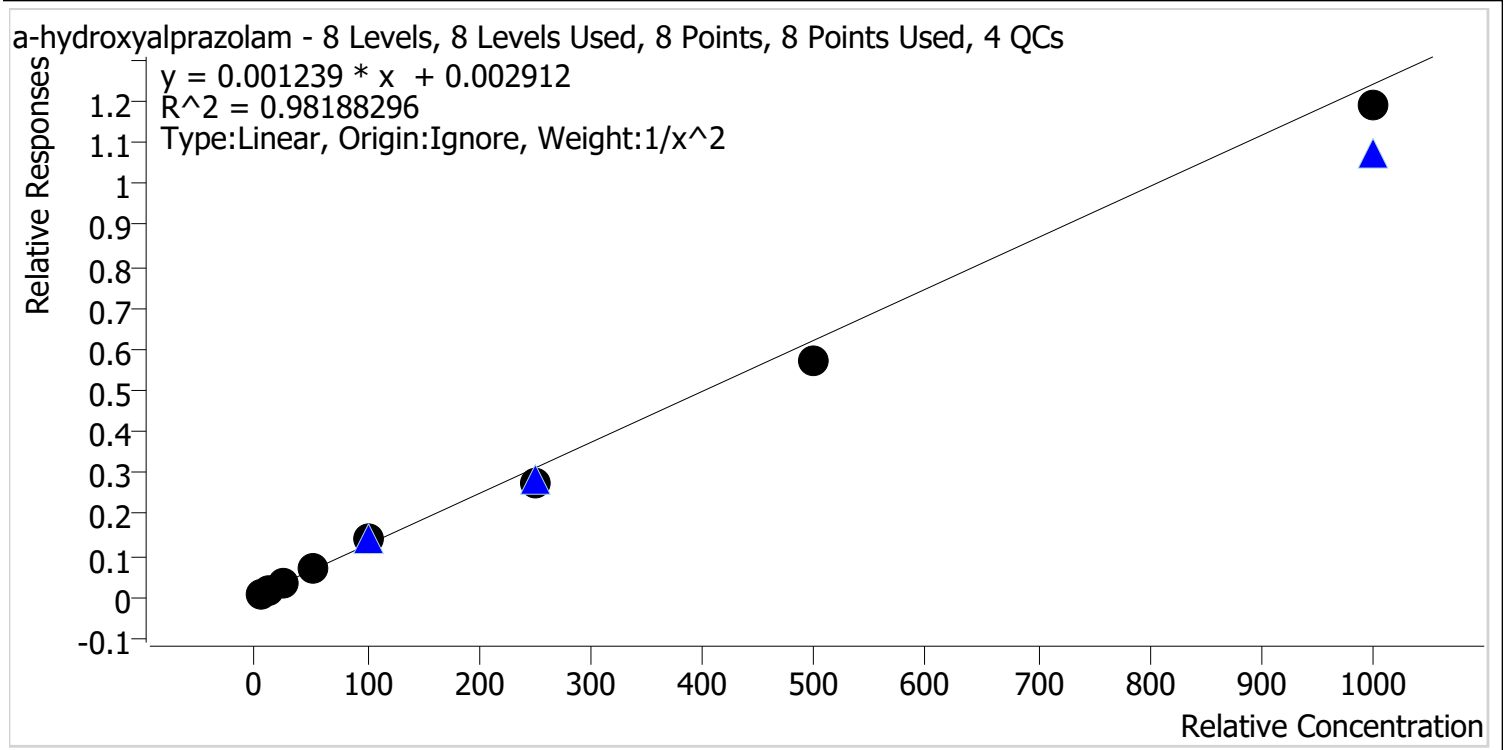


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdqr	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	246.1	98.5
cal 7 mdq	7	✓	500.0	495.2	99.0
cal 8 mdq	8	✓	1000.0	1079.9	108.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5



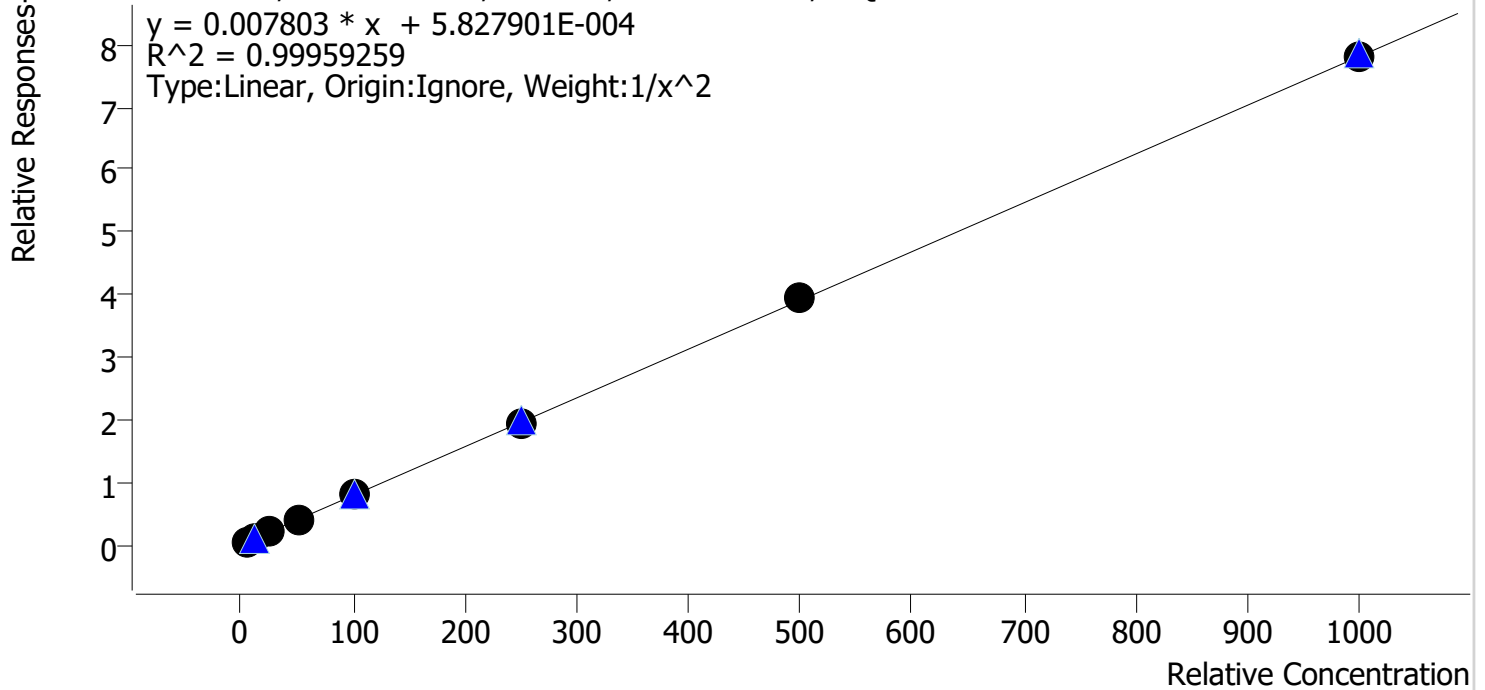
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	89.4
cal 2 mdqr	2	✓	10.0	12.1	120.7
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	112.4	112.4
cal 6 mdq	6	✓	250.0	218.9	87.5
cal 7 mdq	7	✓	500.0	457.7	91.5
cal 8 mdq	8	✓	1000.0	958.2	95.8

Compound Calibration Report



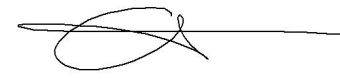
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



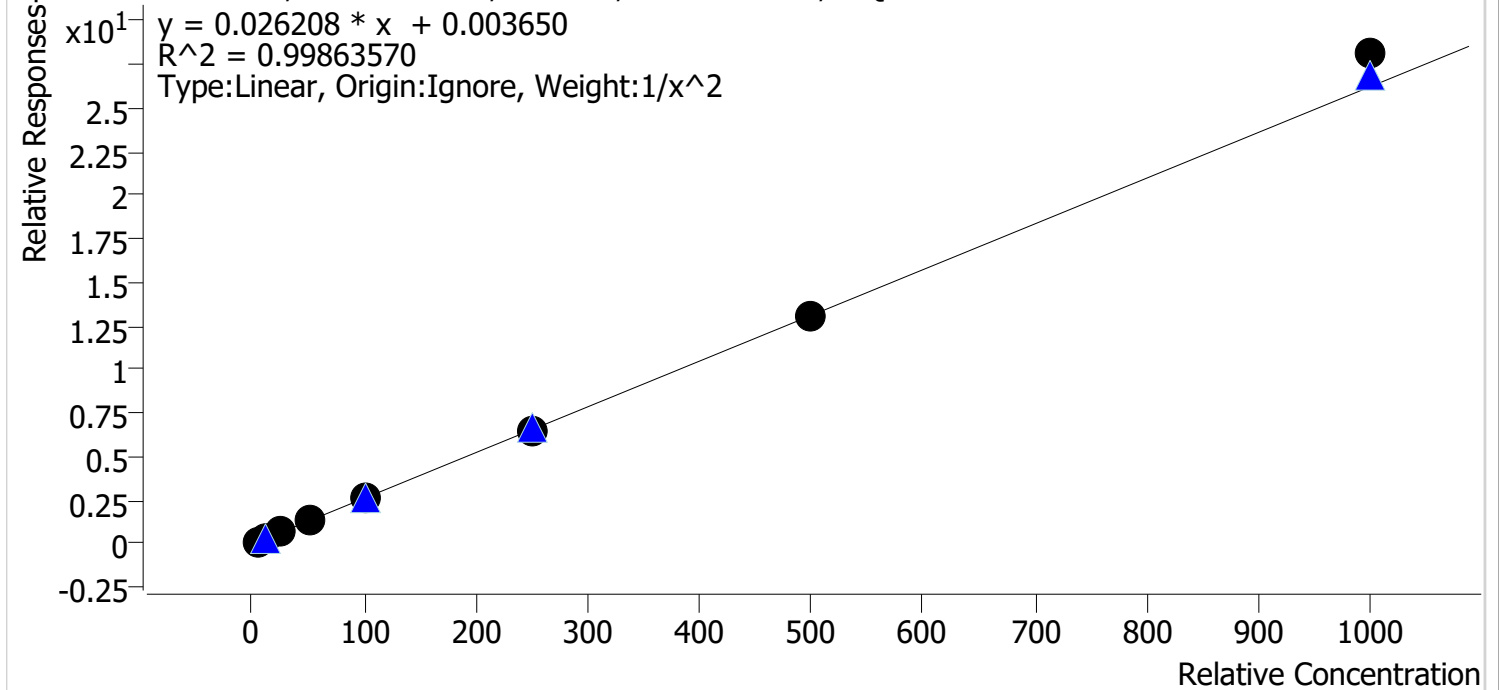
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.7	96.6
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	504.1	100.8
cal 8 mdq	8	✓	1000.0	1000.3	100.0

Compound Calibration Report



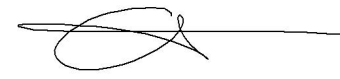
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



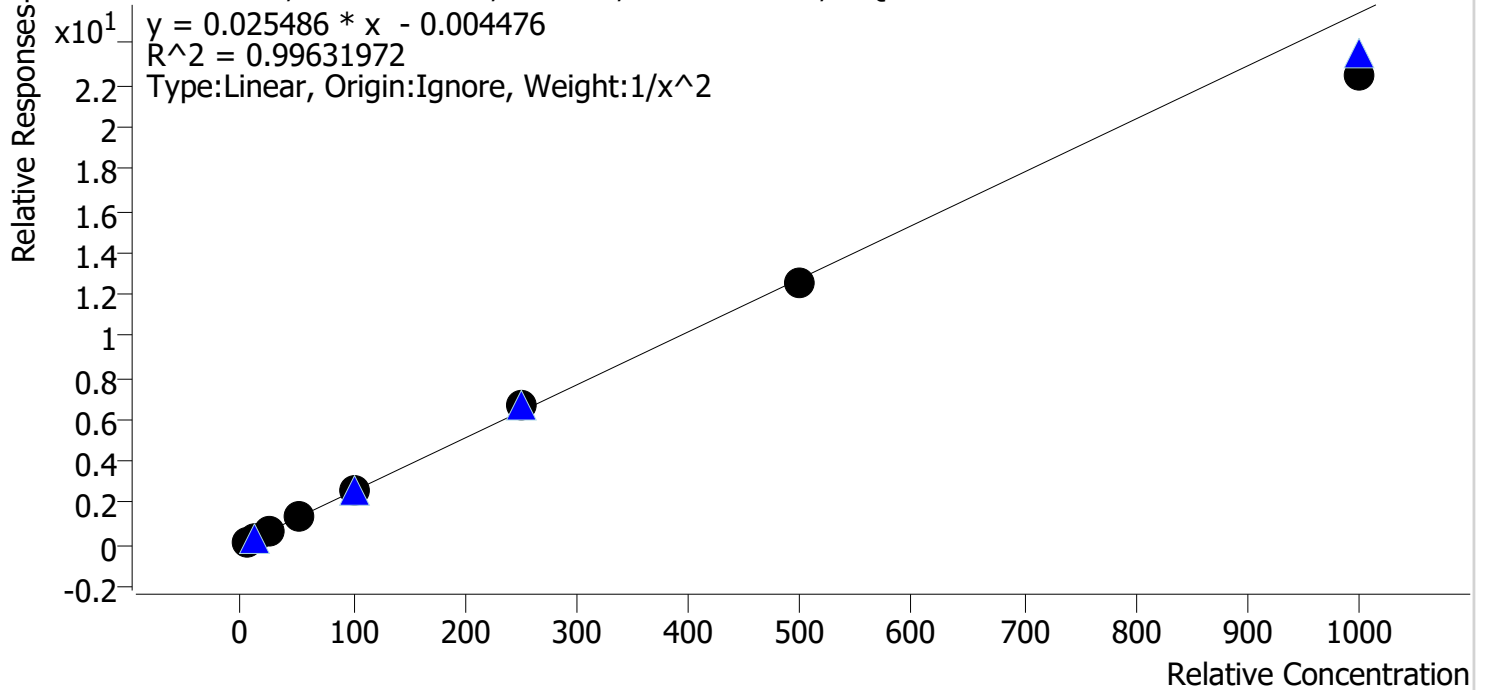
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdqr	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	49.5	99.1
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	246.9	98.8
cal 7 mdq	7	✓	500.0	499.6	99.9
cal 8 mdq	8	✓	1000.0	1072.4	107.2

Compound Calibration Report



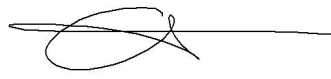
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



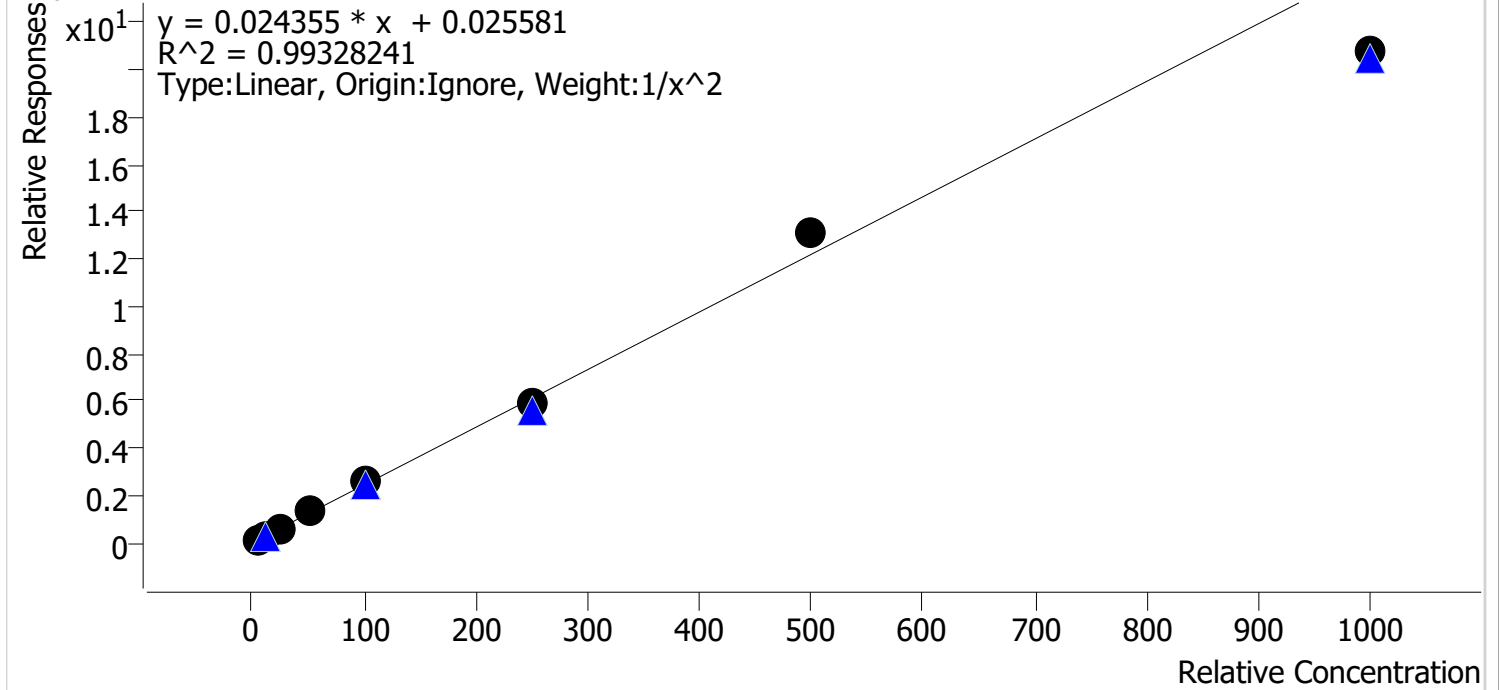
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdqr	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.6	102.6
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	104.5	104.5
cal 6 mdq	6	✓	250.0	262.5	105.0
cal 7 mdq	7	✓	500.0	489.7	97.9
cal 8 mdq	8	✓	1000.0	885.1	88.5

Compound Calibration Report



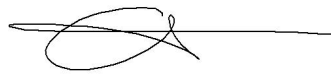
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



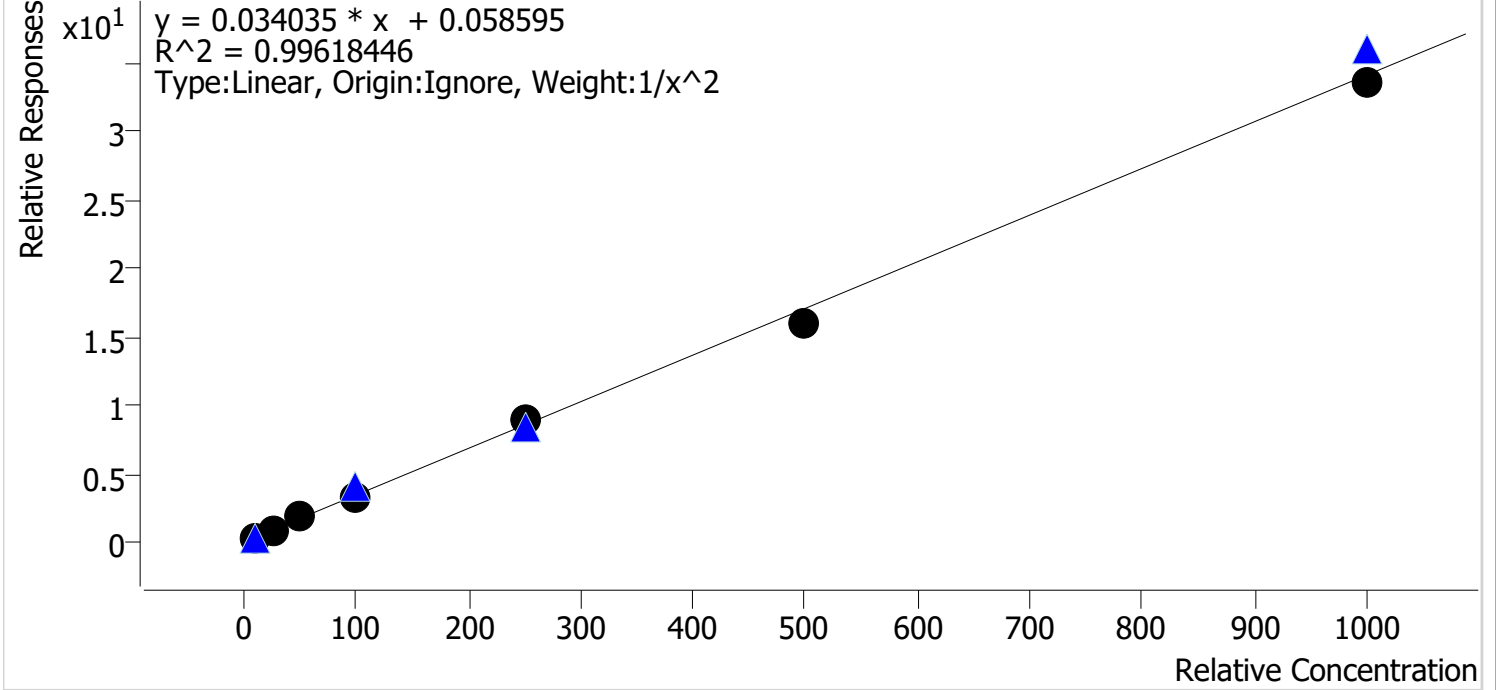
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	97.0
cal 2 mdqr	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	52.5	105.1
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	240.4	96.2
cal 7 mdq	7	✓	500.0	536.8	107.4
cal 8 mdq	8	✓	1000.0	851.7	85.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2 mdqr	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	54.2	108.4
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	264.8	105.9
cal 7 mdq	7	✓	500.0	471.3	94.3
cal 8 mdq	8	✓	1000.0	982.4	98.2

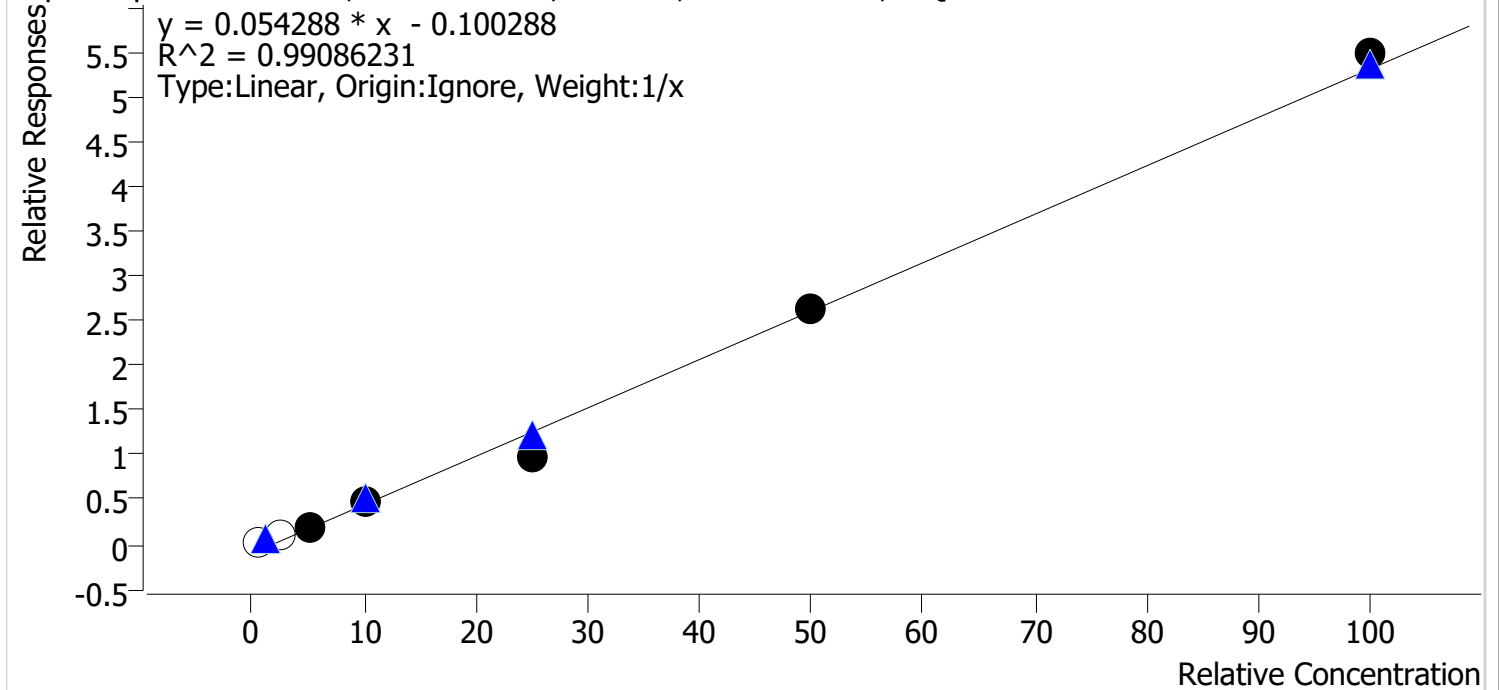
cal 1 dropped poor peak shape

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 7 Levels, 5 Levels Used, 7 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	2.4	474.0
cal 3 mdq	3	x	2.5	4.1	165.7
cal 4 mdq	4	✓	5.0	5.3	107.0
cal 5 mdq	5	✓	10.0	10.8	108.2
cal 6 mdq	6	✓	25.0	20.2	80.7
cal 7 mdq	7	✓	50.0	50.5	100.9
cal 8 mdq	8	✓	100.0	103.2	103.2

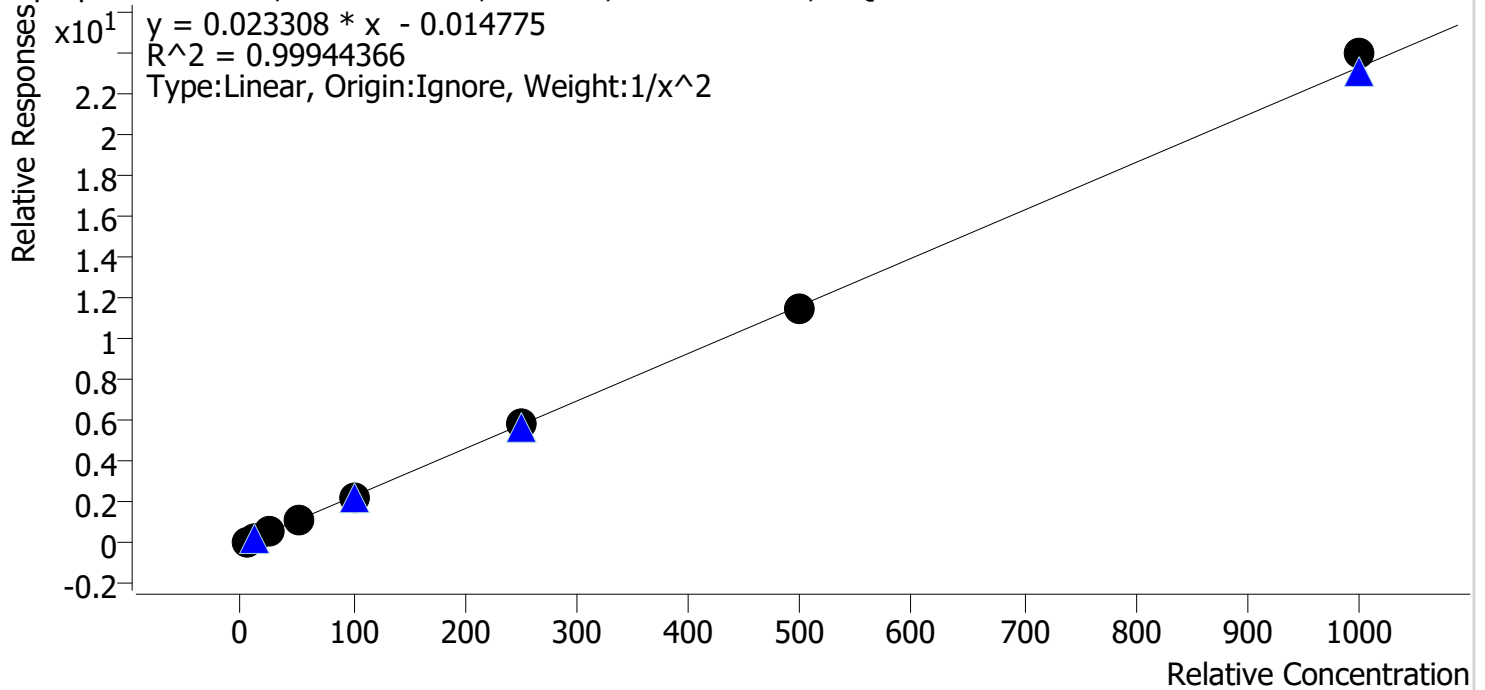
dropped cal 1 and cal 2 due to poor peak shape - dropped cal 3 due to linearity

Compound Calibration Report



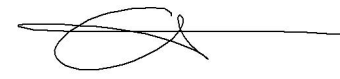
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



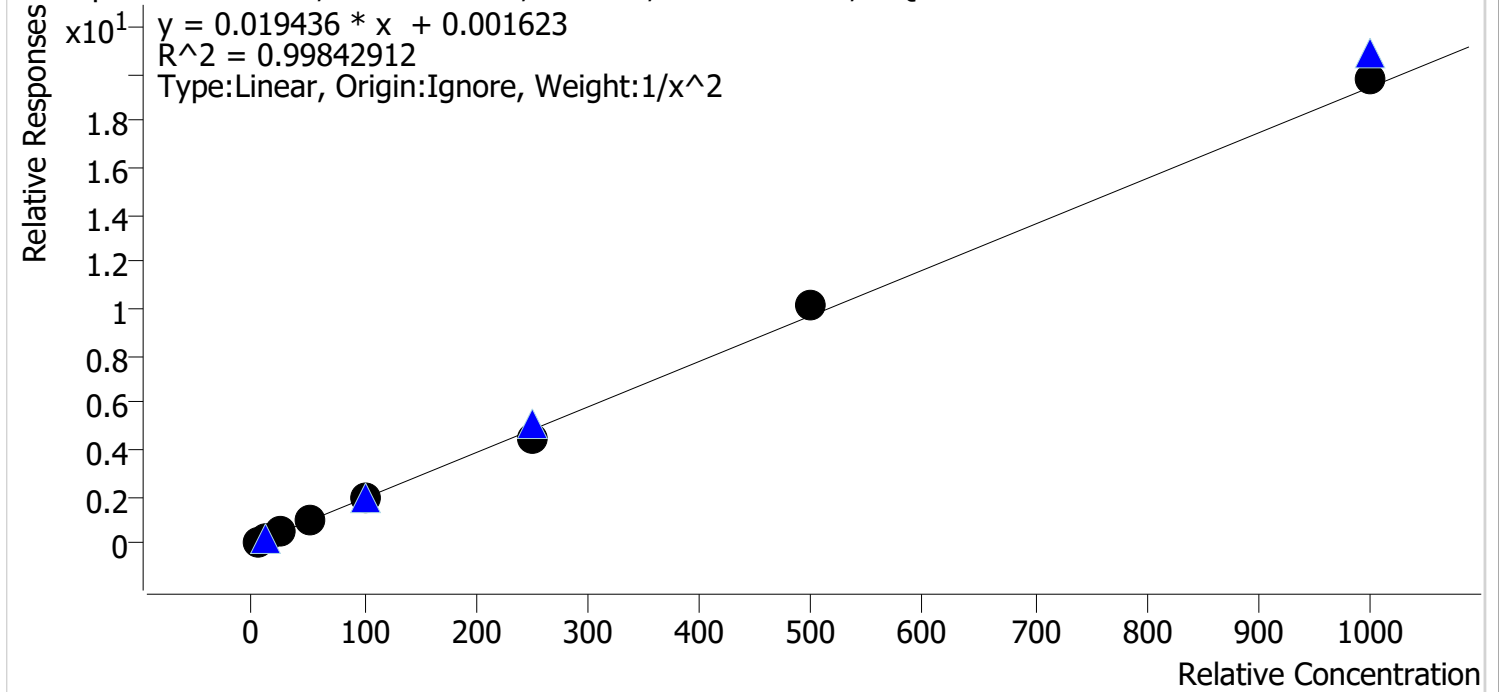
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdqr	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	49.8	99.7
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	250.6	100.2
cal 7 mdq	7	✓	500.0	496.5	99.3
cal 8 mdq	8	✓	1000.0	1028.6	102.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



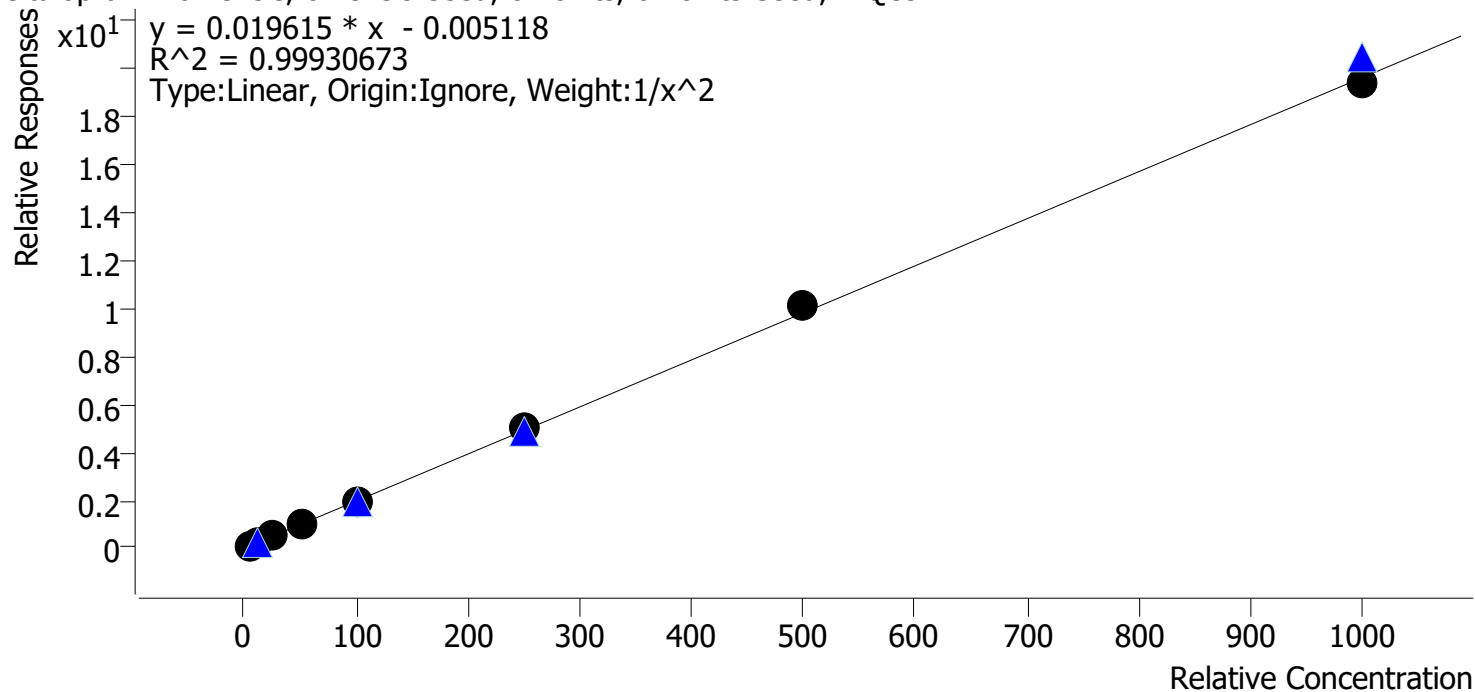
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdqr	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	234.9	94.0
cal 7 mdq	7	✓	500.0	521.1	104.2
cal 8 mdq	8	✓	1000.0	1014.9	101.5

Compound Calibration Report



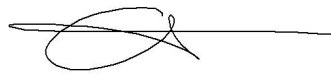
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



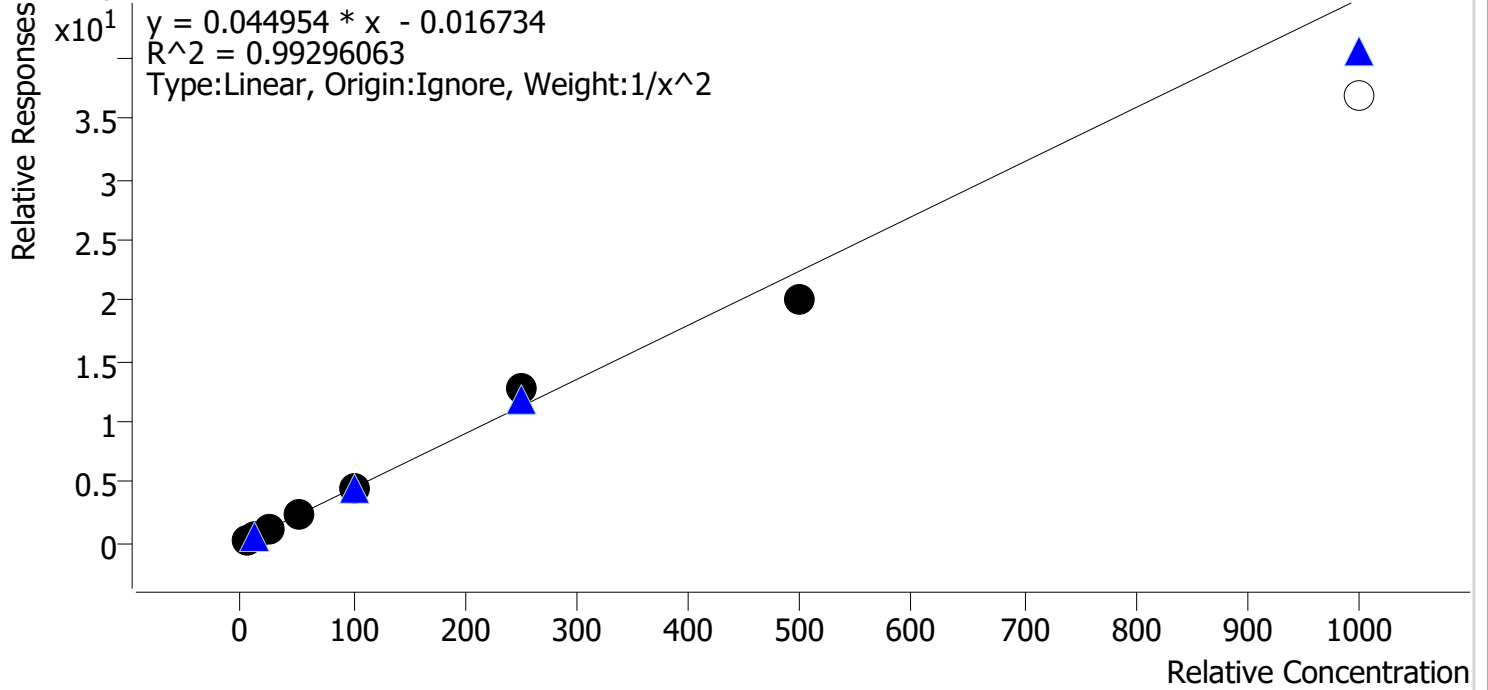
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdqr	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	517.4	103.5
cal 8 mdq	8	✓	1000.0	988.2	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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

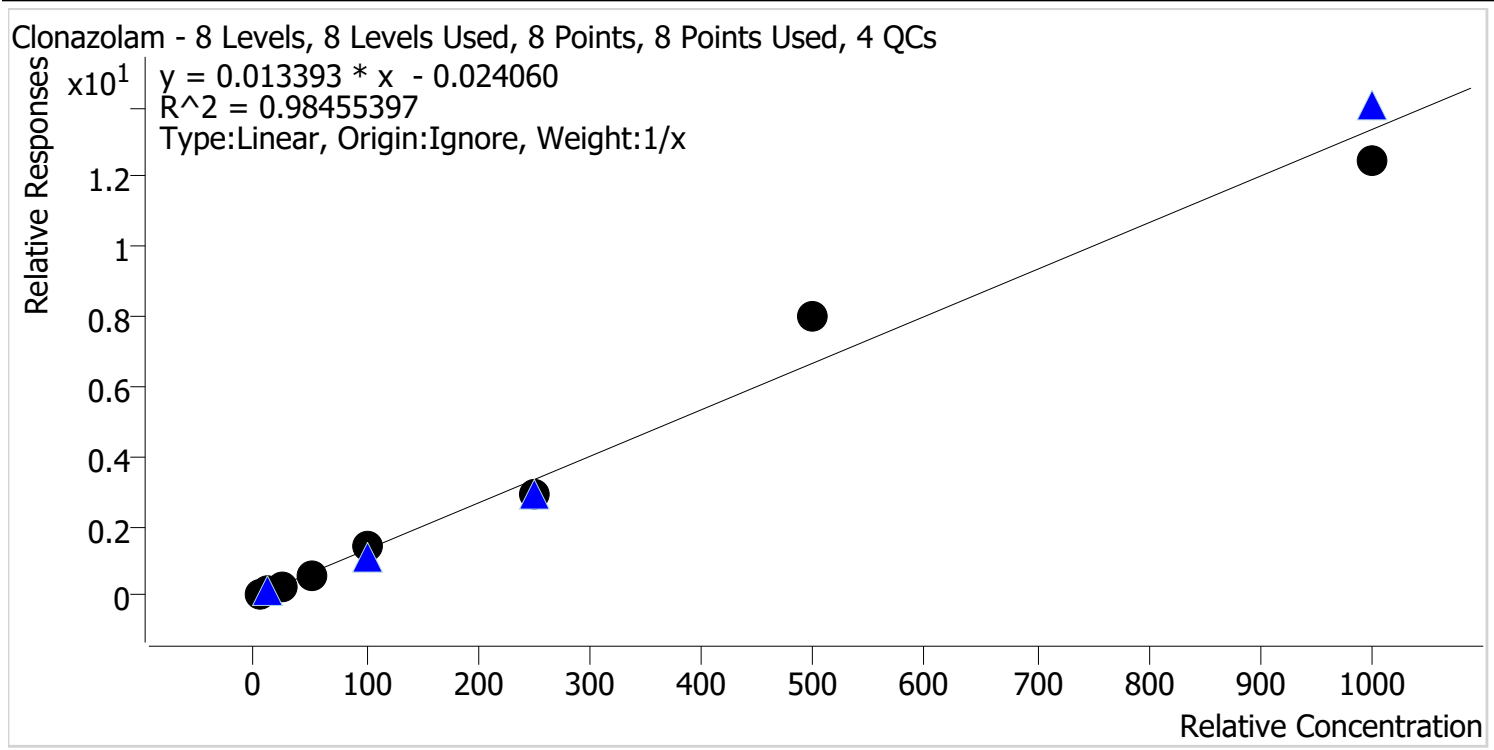


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdqr	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	23.3	93.3
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	280.6	112.3
cal 7 mdq	7	✓	500.0	449.8	90.0
cal 8 mdq	8	✗	1000.0	825.5	82.5

dropped cal 8 due to accuracy

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Temazepam-D5



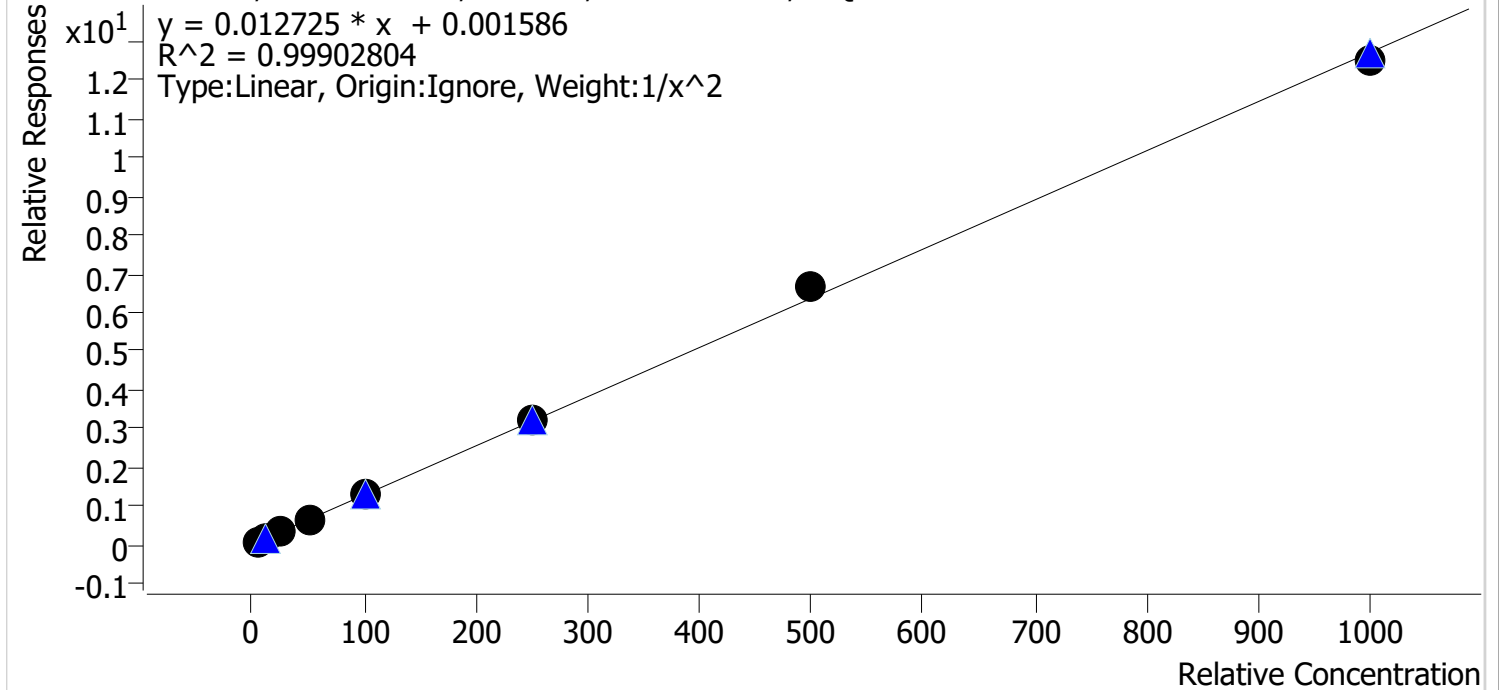
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.1	121.2
cal 2 mdqr	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	20.8	83.2
cal 4 mdq	4	✓	50.0	45.8	91.7
cal 5 mdq	5	✓	100.0	104.2	104.2
cal 6 mdq	6	✓	250.0	222.9	89.1
cal 7 mdq	7	✓	500.0	597.3	119.5
cal 8 mdq	8	✓	1000.0	933.2	93.3

Compound Calibration Report



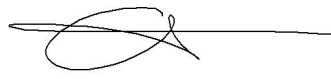
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



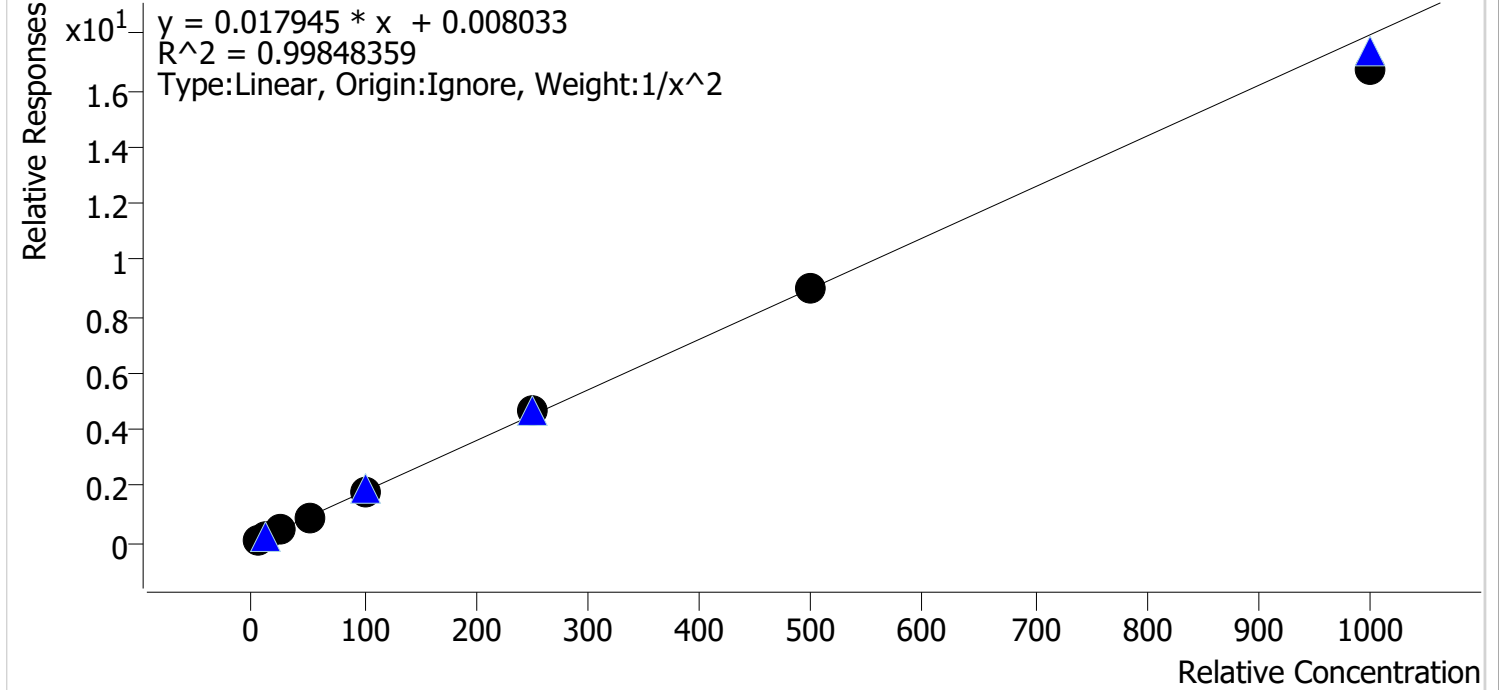
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	48.3	96.7
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	525.1	105.0
cal 8 mdq	8	✓	1000.0	987.1	98.7

Compound Calibration Report



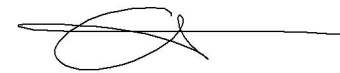
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



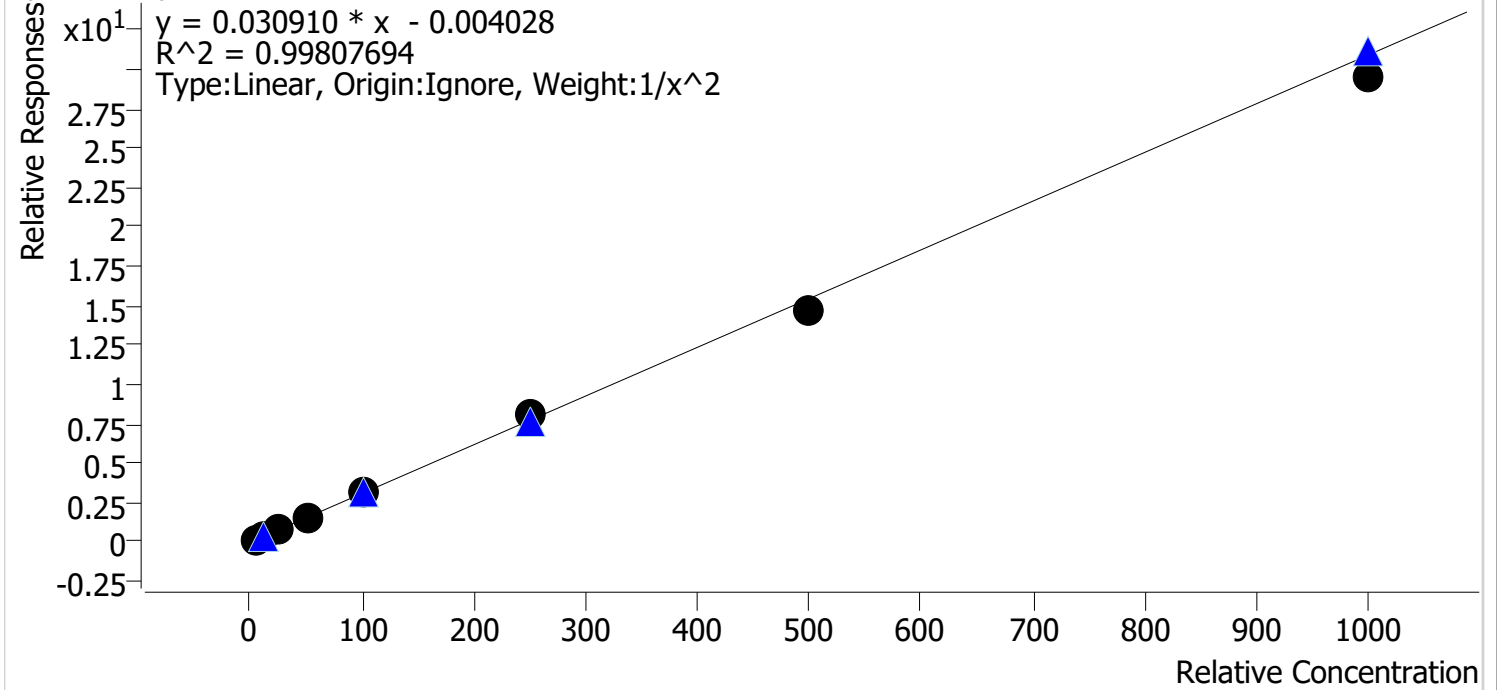
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdqr	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	25.2	101.0
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	261.1	104.4
cal 7 mdq	7	✓	500.0	502.8	100.6
cal 8 mdq	8	✓	1000.0	929.7	93.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

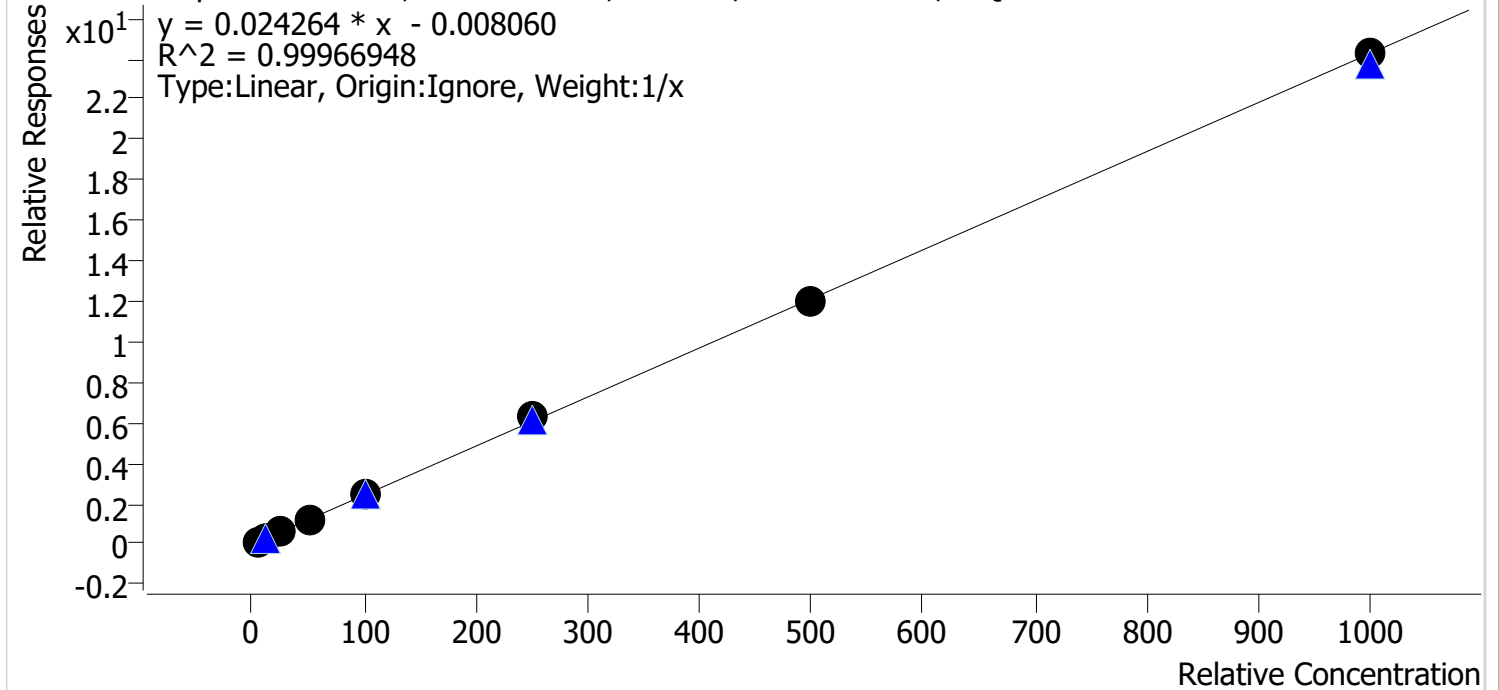


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdqr	2	✓	10.0	10.5	105.4
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	50.4	100.7
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	261.9	104.8
cal 7 mdq	7	✓	500.0	478.2	95.6
cal 8 mdq	8	✓	1000.0	957.3	95.7

Compound Calibration Report

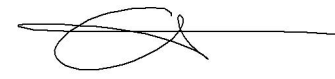
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



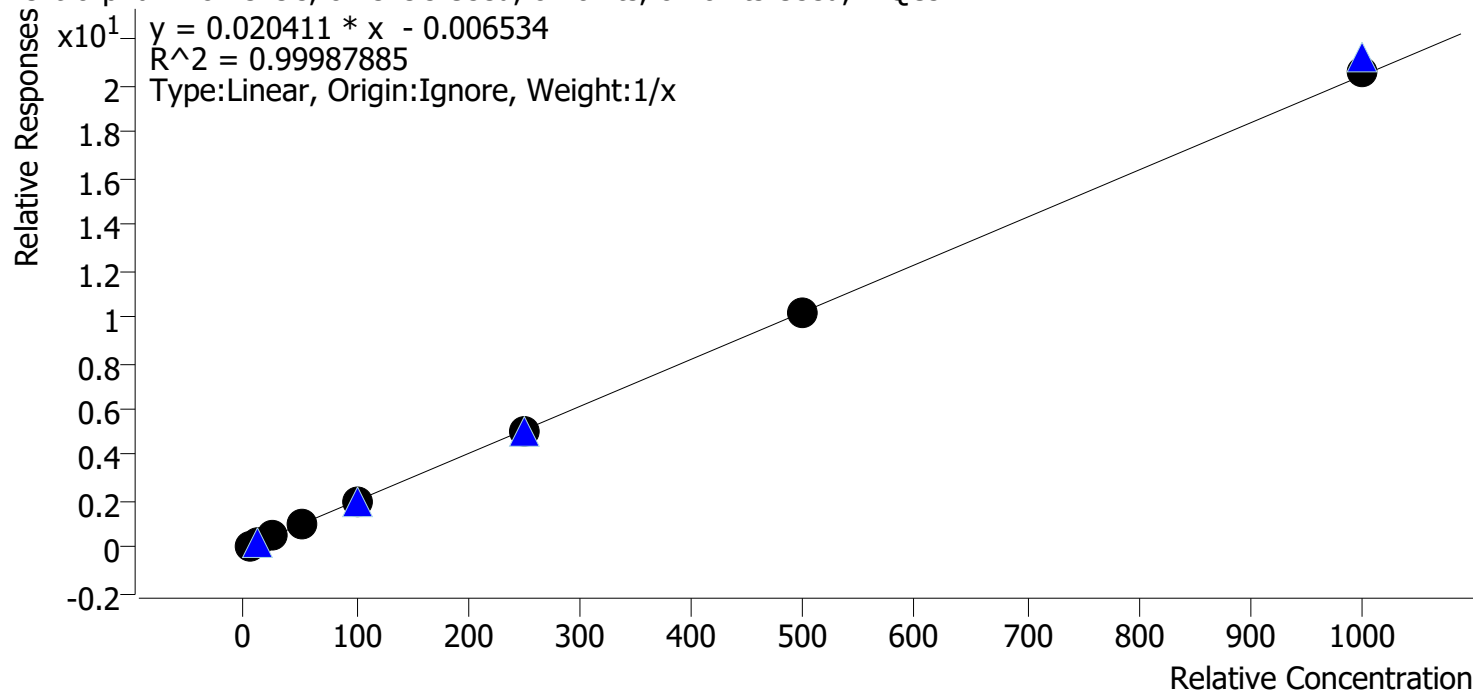
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	103.0
cal 2 mdqr	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	259.8	103.9
cal 7 mdq	7	✓	500.0	492.8	98.6
cal 8 mdq	8	✓	1000.0	999.8	100.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



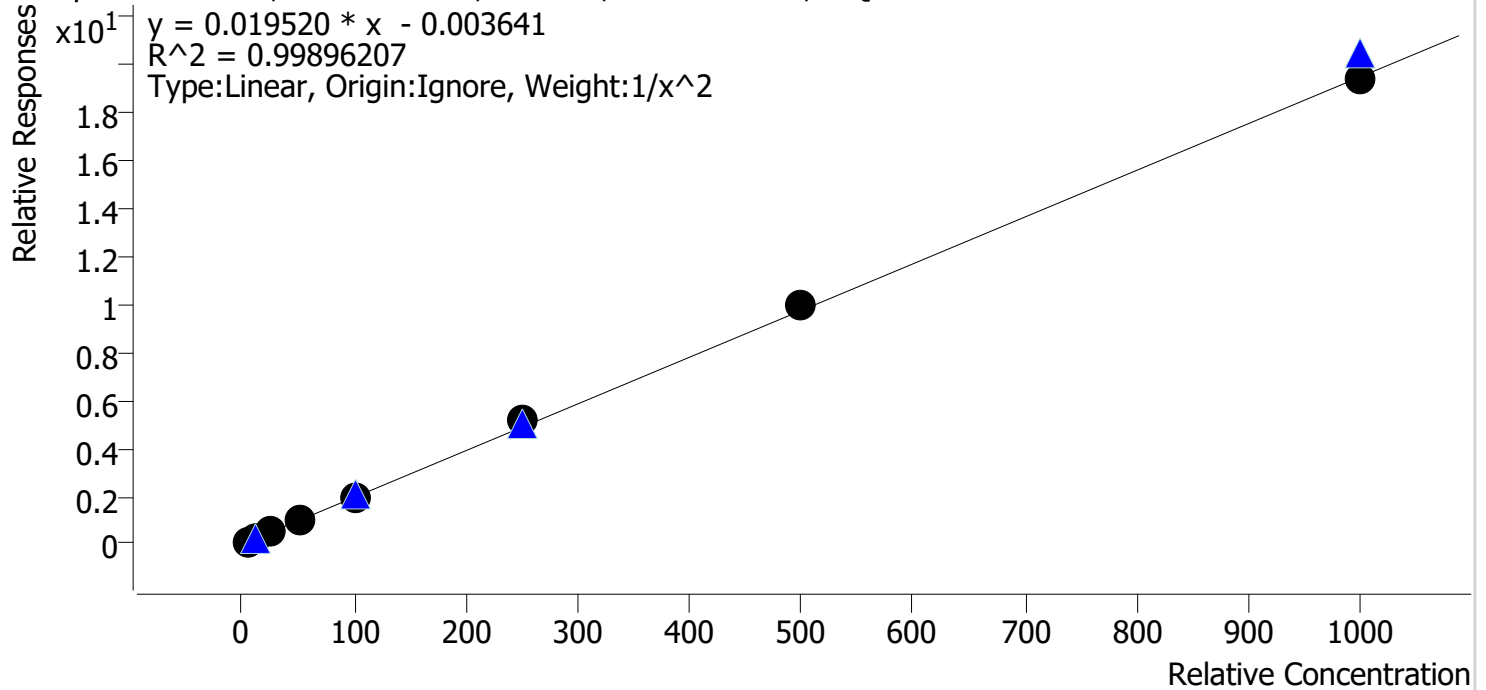
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.5
cal 2 mdqr	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	1008.4	100.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



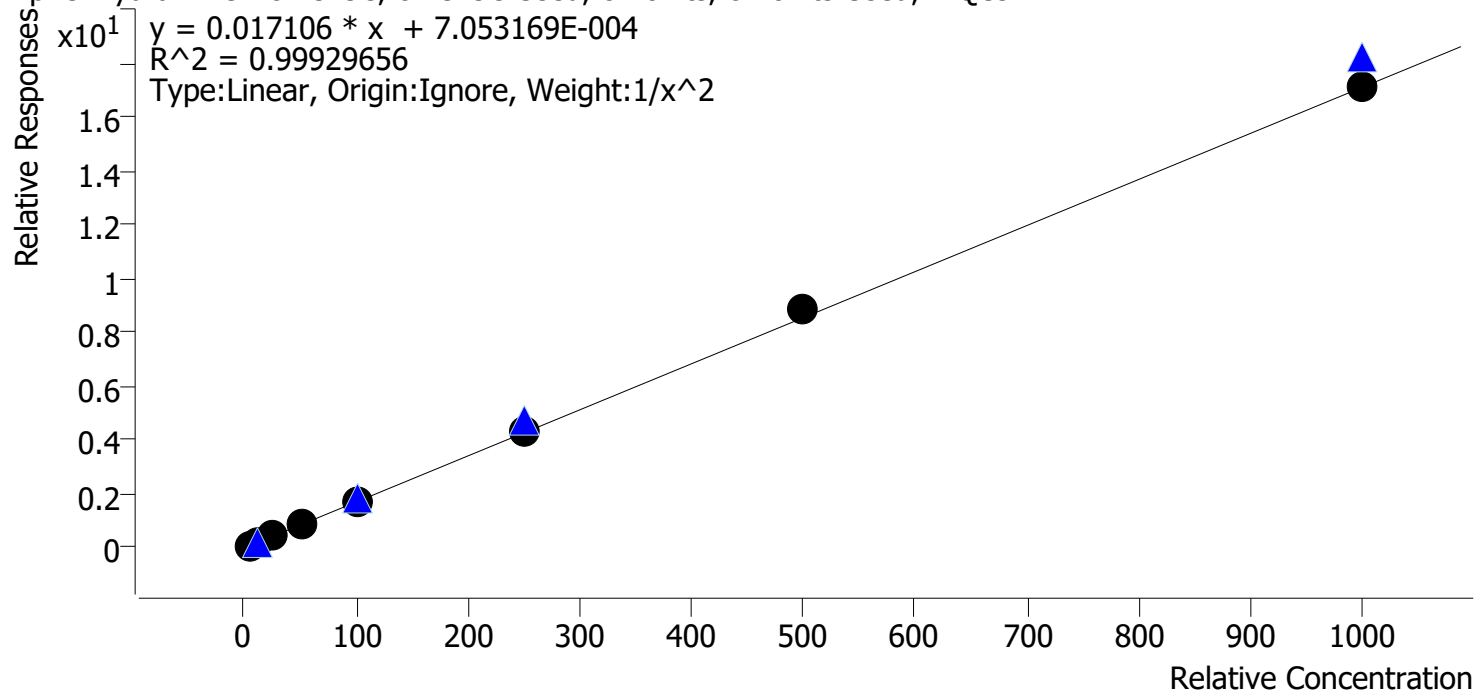
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdqr	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	263.8	105.5
cal 7 mdq	7	✓	500.0	508.0	101.6
cal 8 mdq	8	✓	1000.0	994.5	99.5

Compound Calibration Report



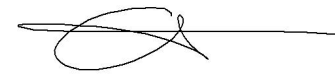
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



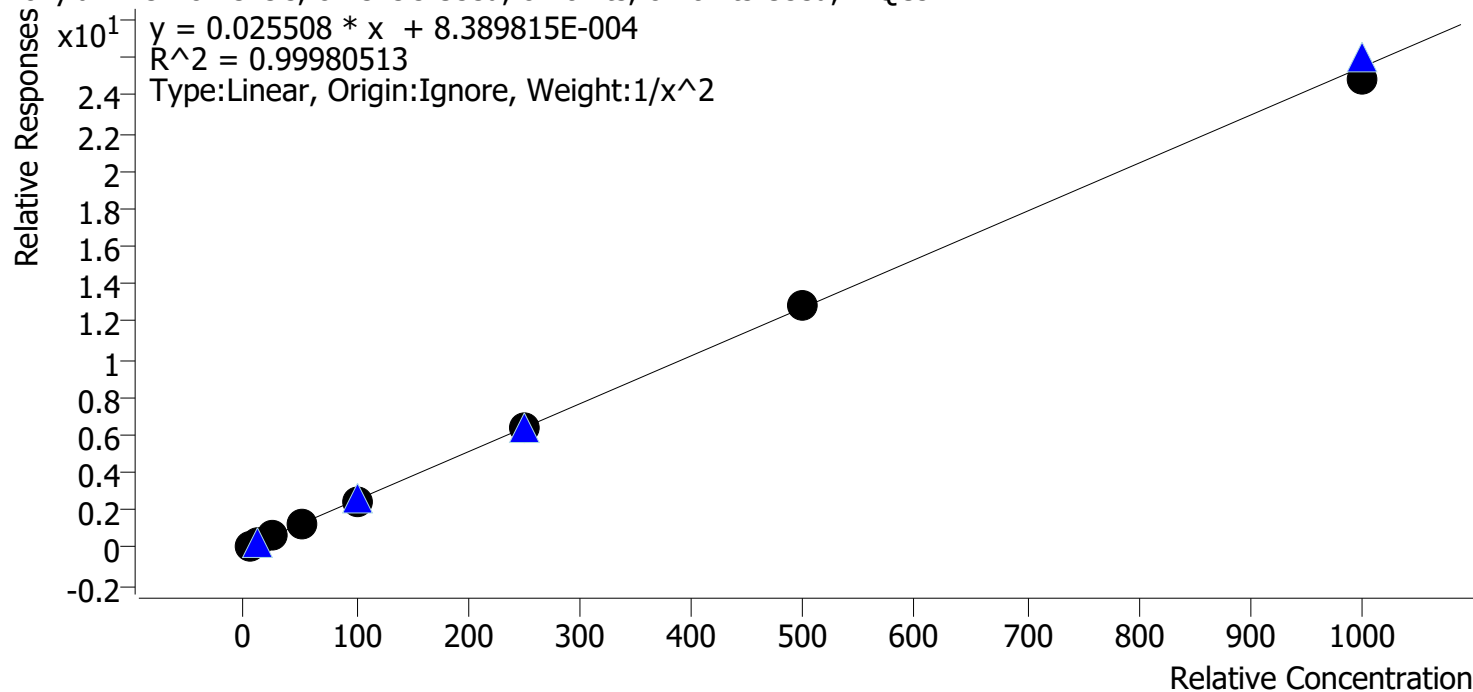
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdqr	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	256.8	102.7
cal 7 mdq	7	✓	500.0	515.1	103.0
cal 8 mdq	8	✓	1000.0	1005.3	100.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



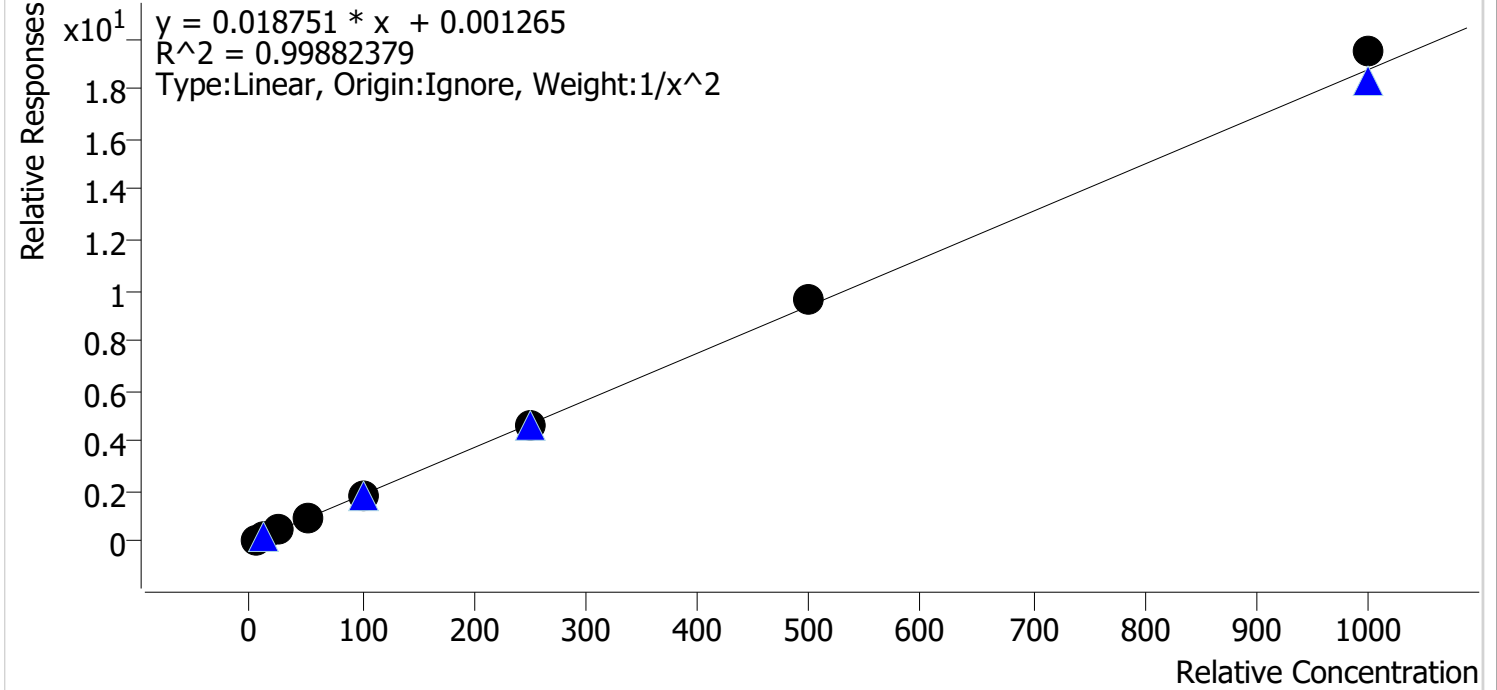
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdqr	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	505.6	101.1
cal 8 mdq	8	✓	1000.0	977.9	97.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



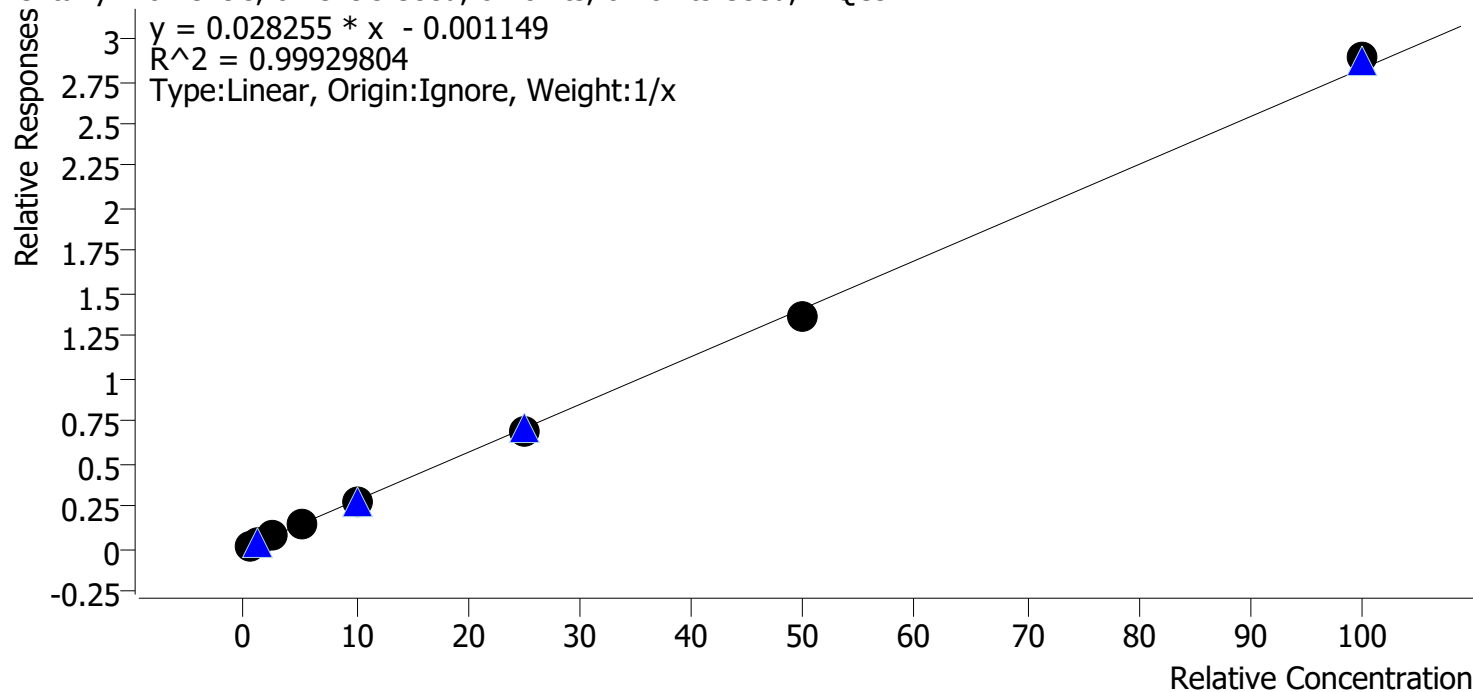
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.0
cal 2 mdqr	2	✓	10.0	9.5	94.7
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	49.2	98.5
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	510.9	102.2
cal 8 mdq	8	✓	1000.0	1038.2	103.8

Compound Calibration Report



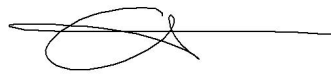
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



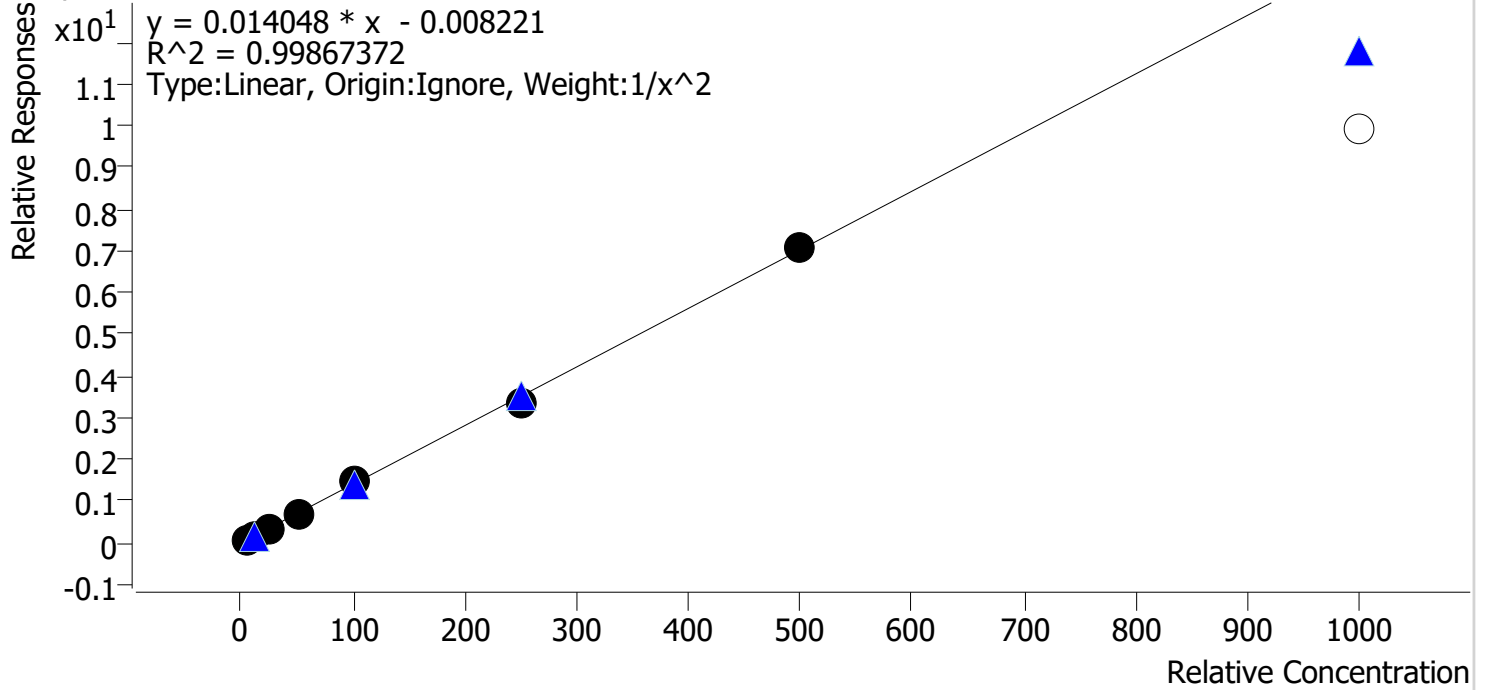
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	111.7
cal 2 mdqr	2	✓	1.0	1.0	95.2
cal 3 mdq	3	✓	2.5	2.5	98.4
cal 4 mdq	4	✓	5.0	5.0	100.3
cal 5 mdq	5	✓	10.0	9.8	97.7
cal 6 mdq	6	✓	25.0	24.3	97.3
cal 7 mdq	7	✓	50.0	48.6	97.3
cal 8 mdq	8	✓	100.0	102.3	102.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

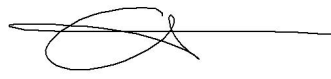
Flualprazolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



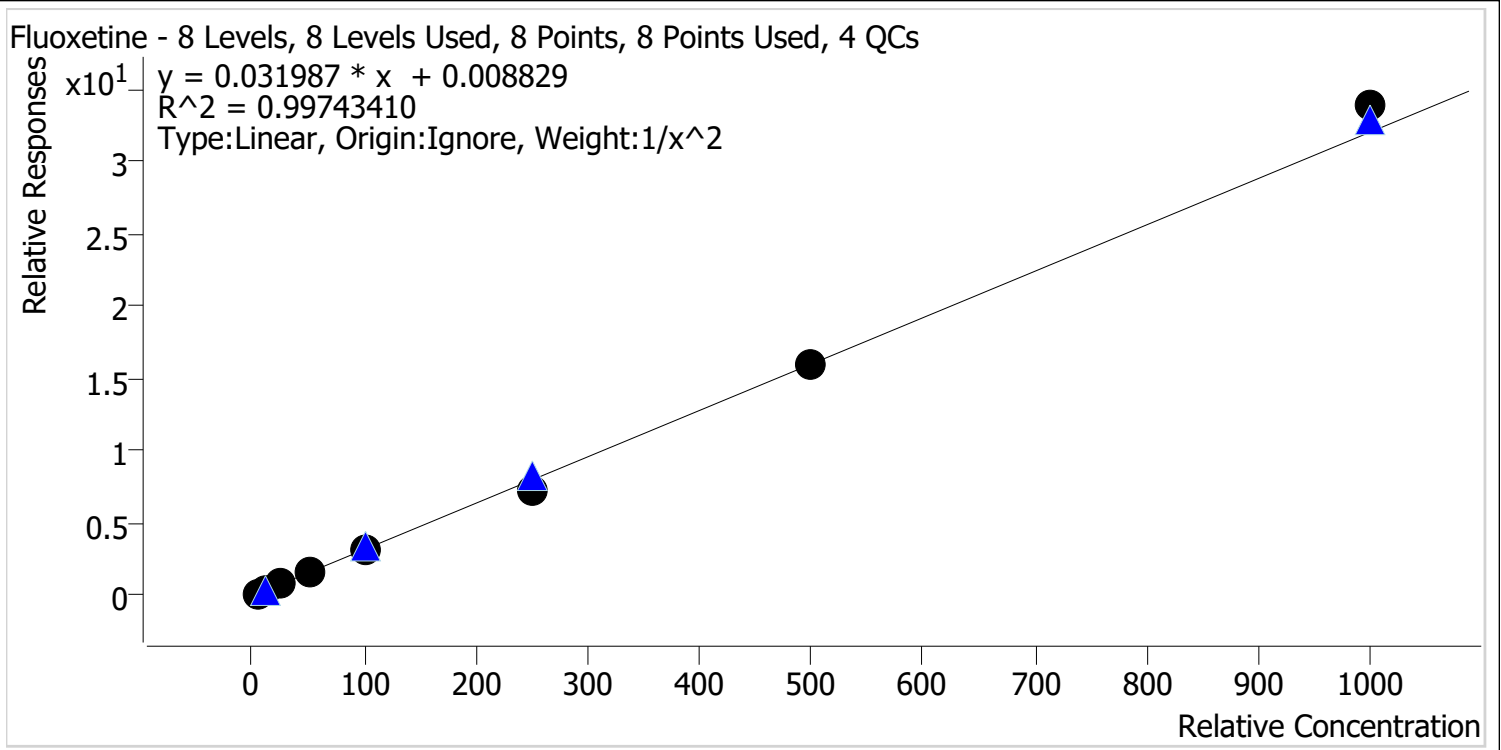
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdqr	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	104.9	104.9
cal 6 mdq	6	✓	250.0	238.5	95.4
cal 7 mdq	7	✓	500.0	501.4	100.3
cal 8 mdq	8	✗	1000.0	705.3	70.5

dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

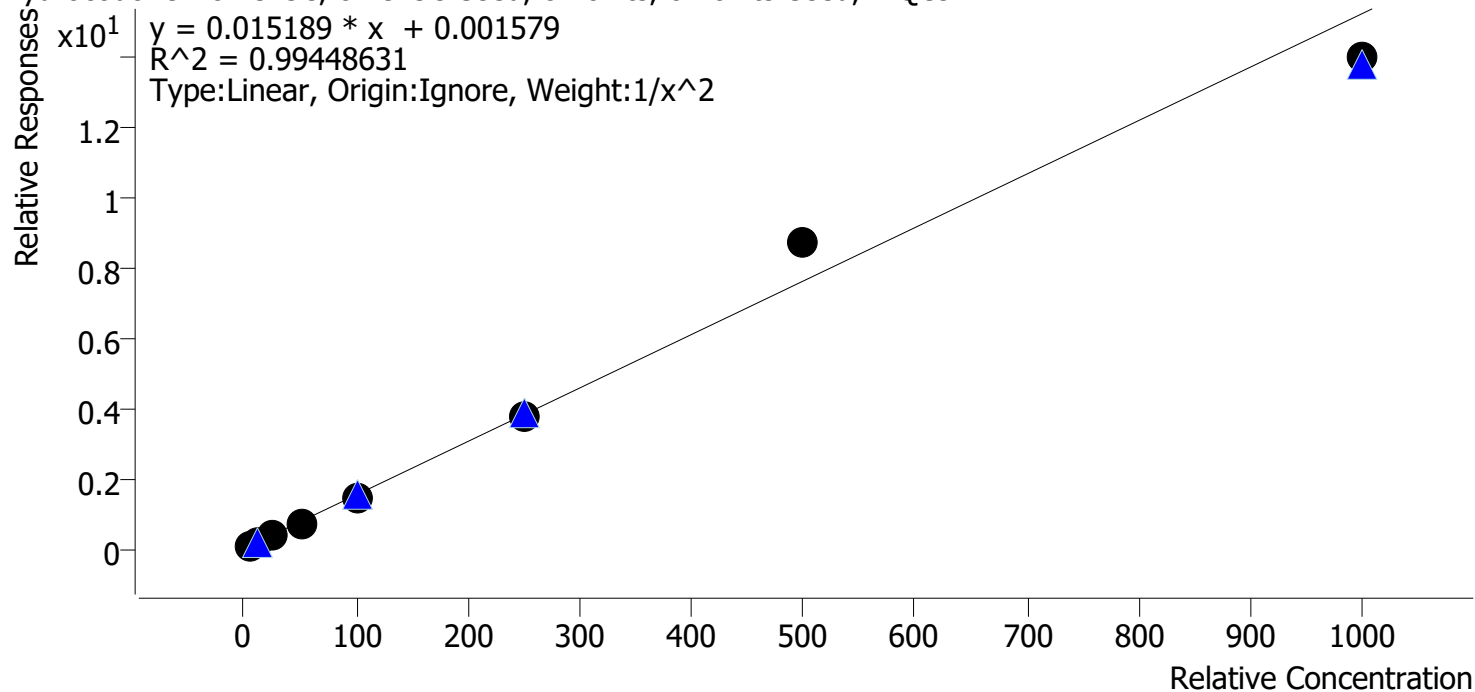


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdqr	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	227.3	90.9
cal 7 mdq	7	✓	500.0	496.4	99.3
cal 8 mdq	8	✓	1000.0	1057.2	105.7

Compound Calibration Report

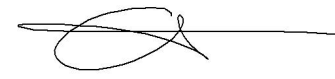
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



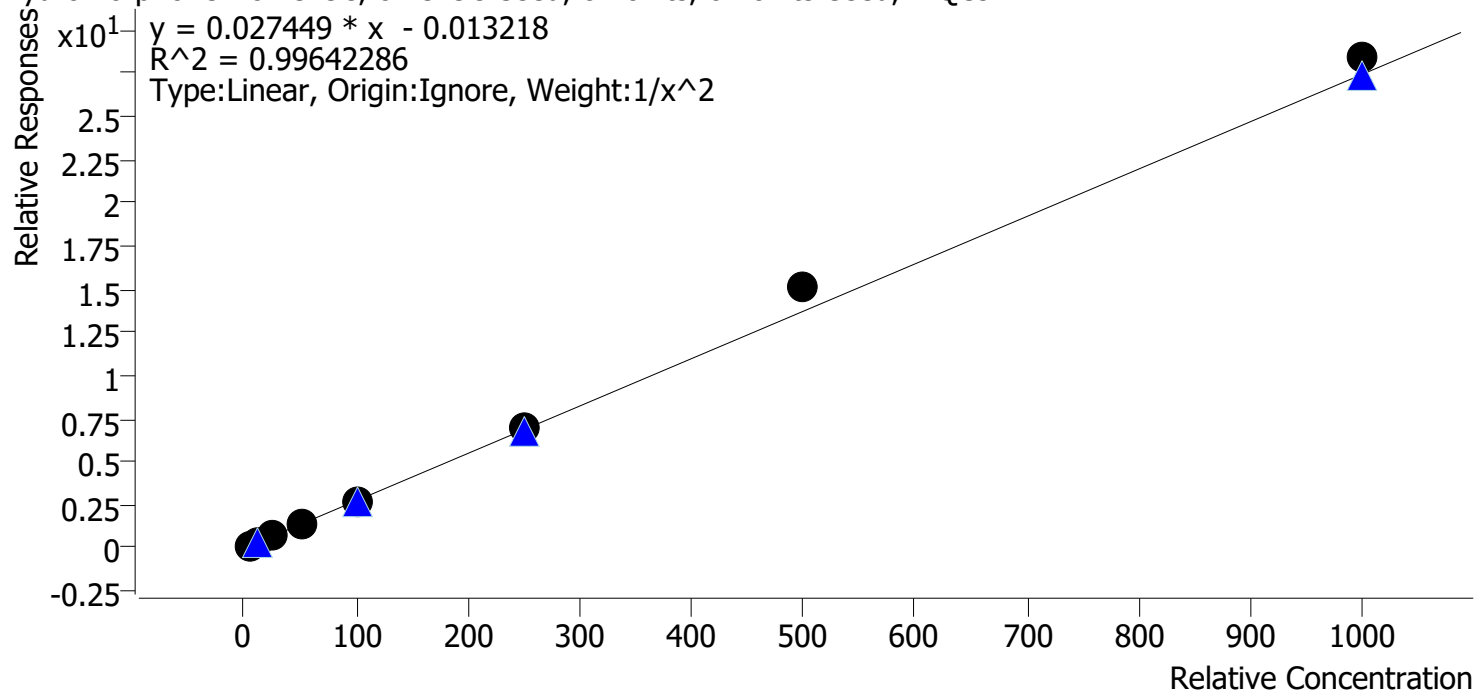
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	96.6	96.6
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	569.1	113.8
cal 8 mdq	8	✓	1000.0	917.8	91.8

Compound Calibration Report



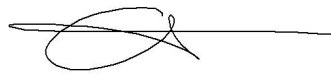
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

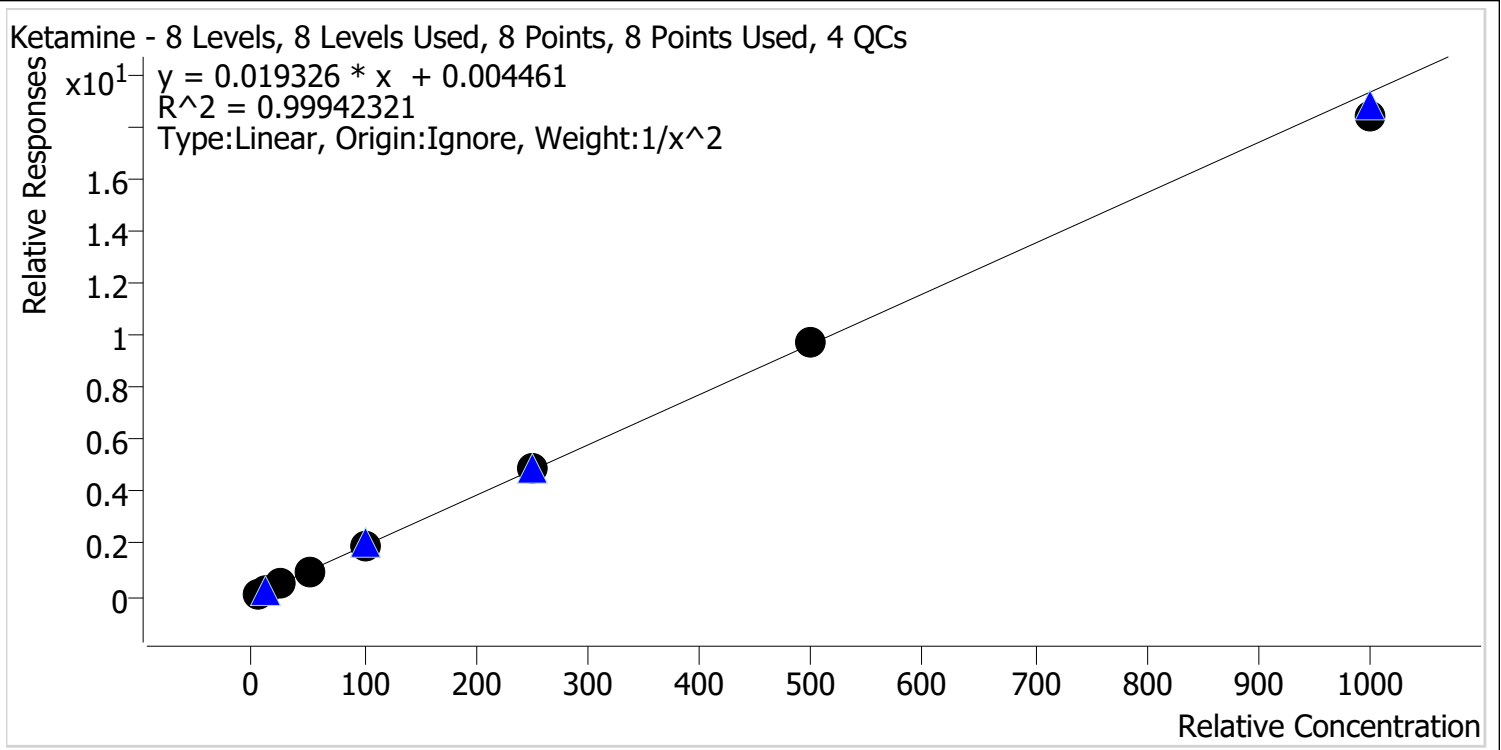


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdqr	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	23.8	95.0
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	95.0	95.0
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	548.3	109.7
cal 8 mdq	8	✓	1000.0	1035.4	103.5

Compound Calibration Report

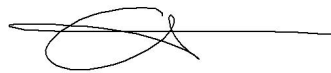


Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



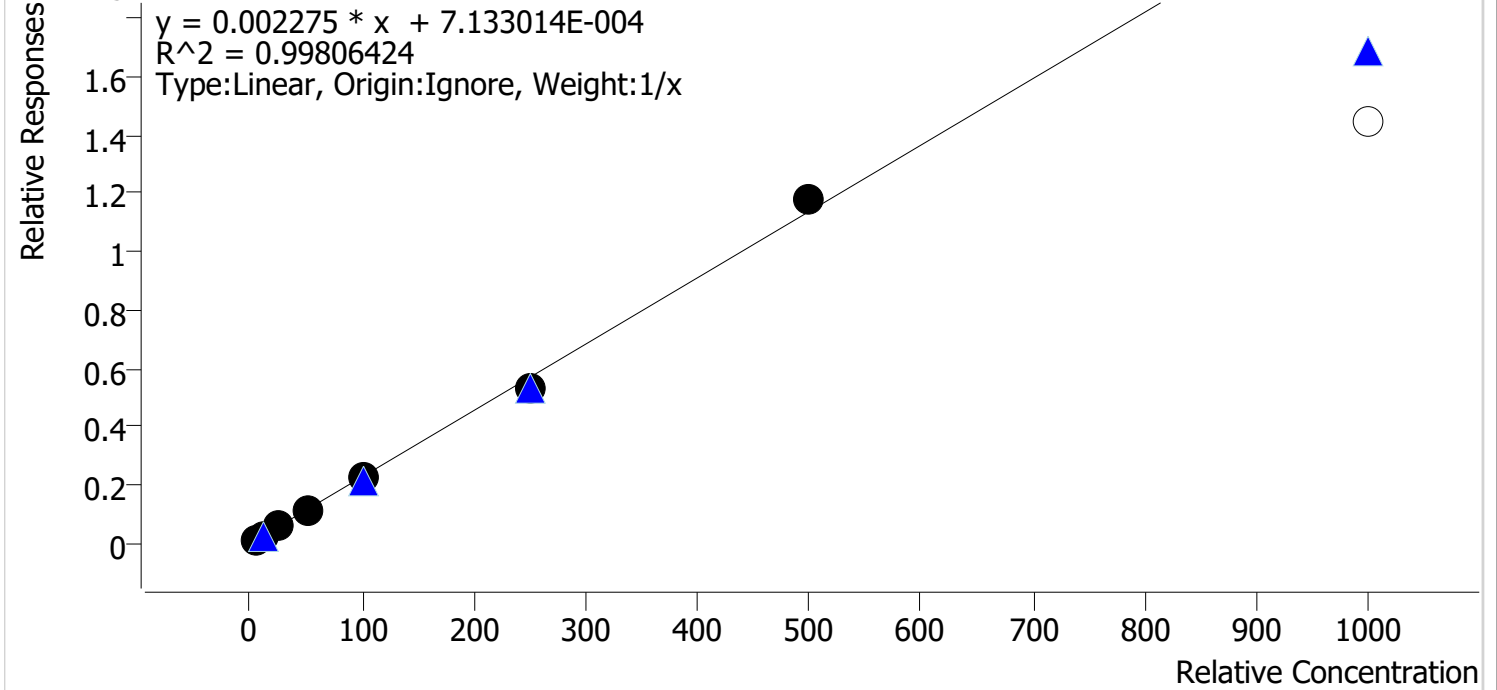
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdqr	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	50.5	101.1
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	505.6	101.1
cal 8 mdq	8	✓	1000.0	954.2	95.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.2
cal 2 mdqr	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	234.7	93.9
cal 7 mdq	7	✓	500.0	517.0	103.4
cal 8 mdq	8	x	1000.0	636.8	63.7

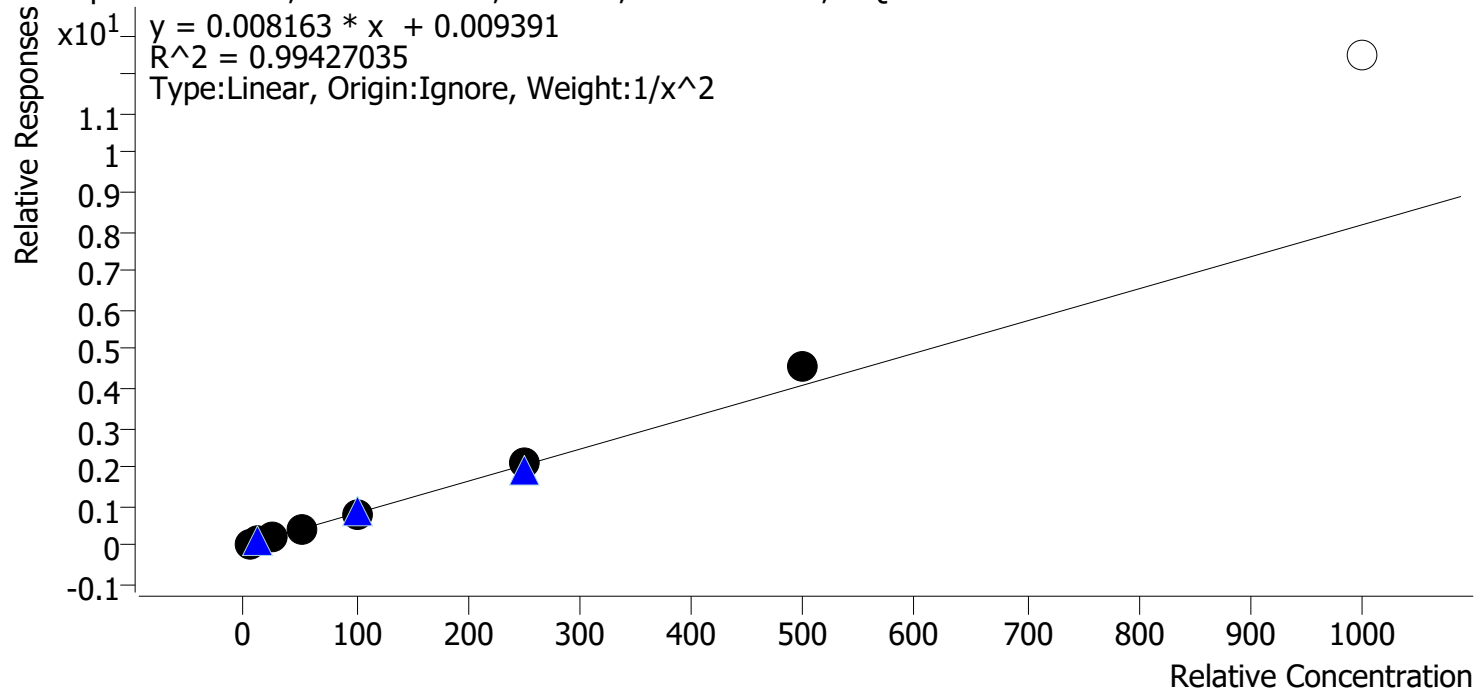
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdqr	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	24.0	95.8
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	92.9	92.9
cal 6 mdq	6	✓	250.0	260.8	104.3
cal 7 mdq	7	✓	500.0	556.1	111.2
cal 8 mdq	8	✗	1000.0	1527.8	152.8

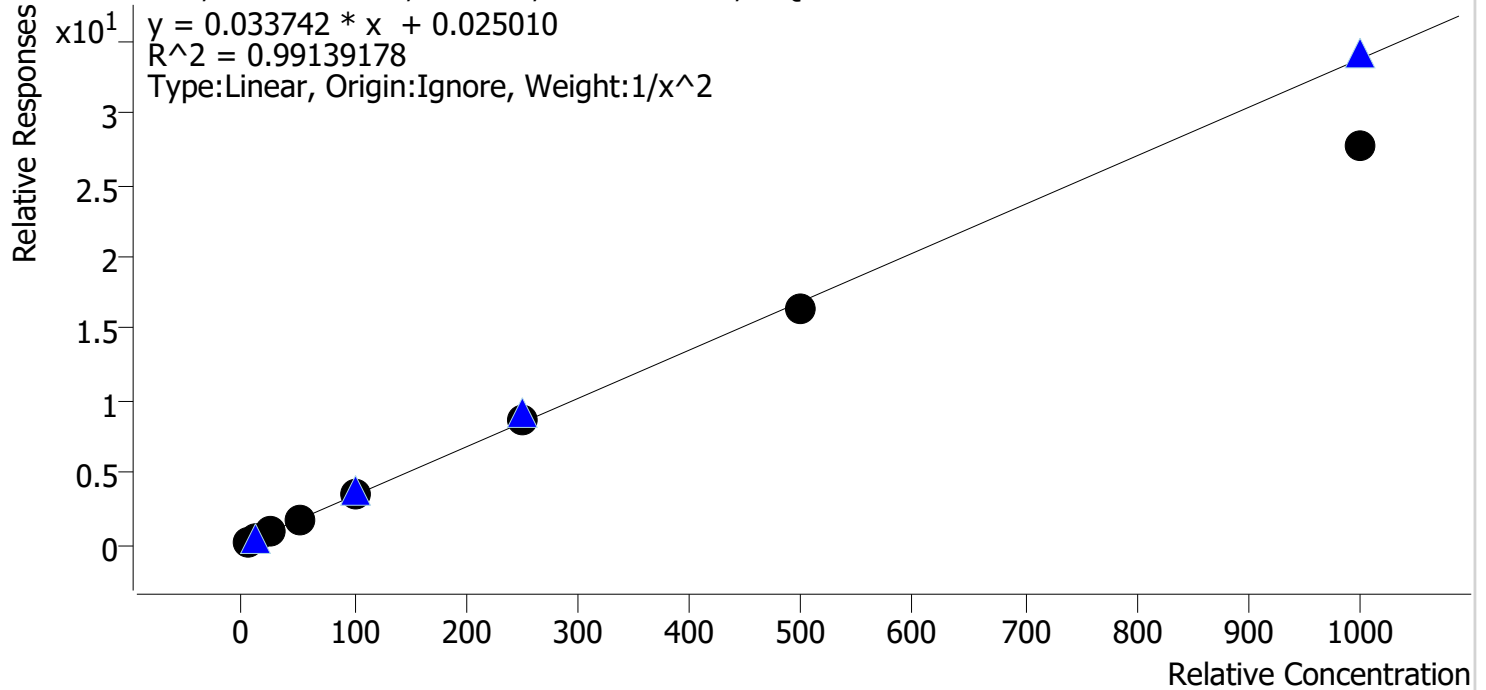
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



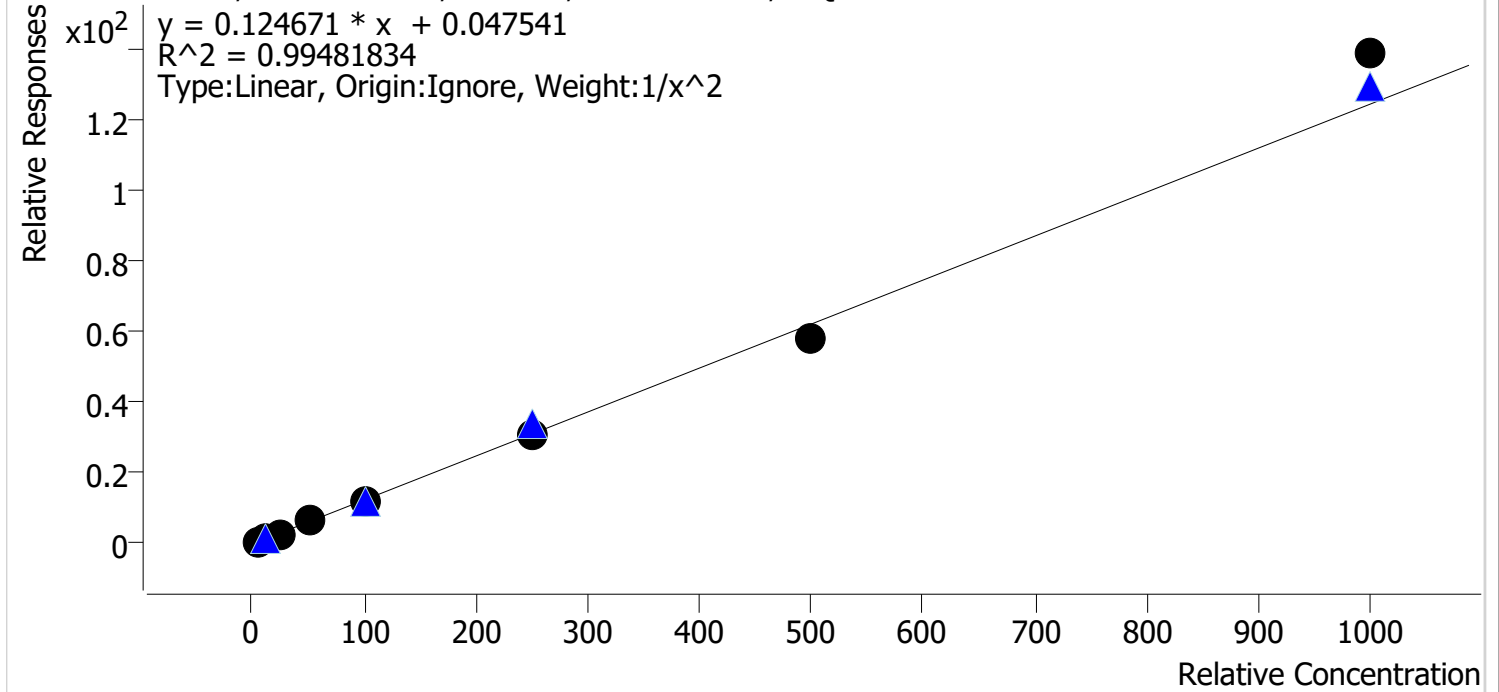
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdqr	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	26.4	105.8
cal 4 mdq	4	✓	50.0	52.7	105.3
cal 5 mdq	5	✓	100.0	105.6	105.6
cal 6 mdq	6	✓	250.0	258.5	103.4
cal 7 mdq	7	✓	500.0	488.0	97.6
cal 8 mdq	8	✓	1000.0	822.4	82.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



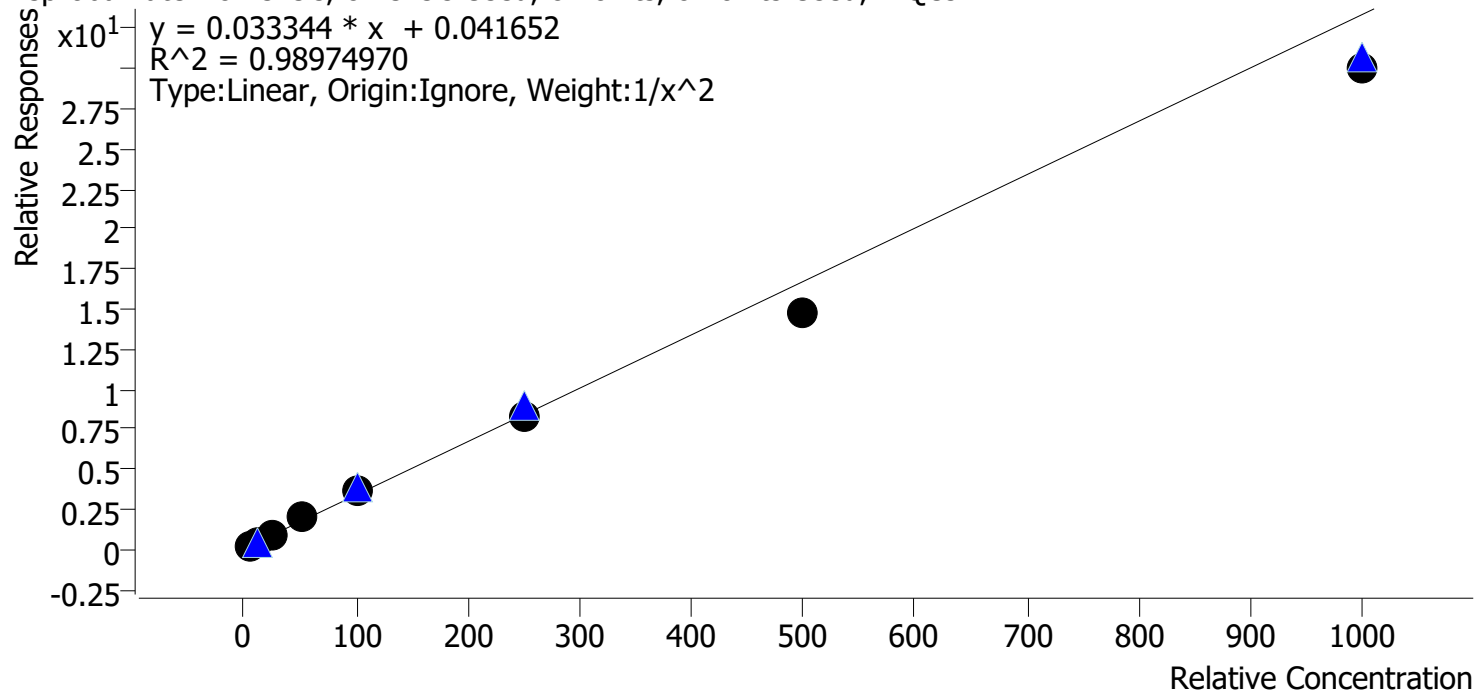
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.6
cal 2 mdqr	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	23.9	95.8
cal 4 mdq	4	✓	50.0	52.7	105.3
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	470.9	94.2
cal 8 mdq	8	✓	1000.0	1114.9	111.5

Compound Calibration Report



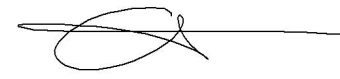
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



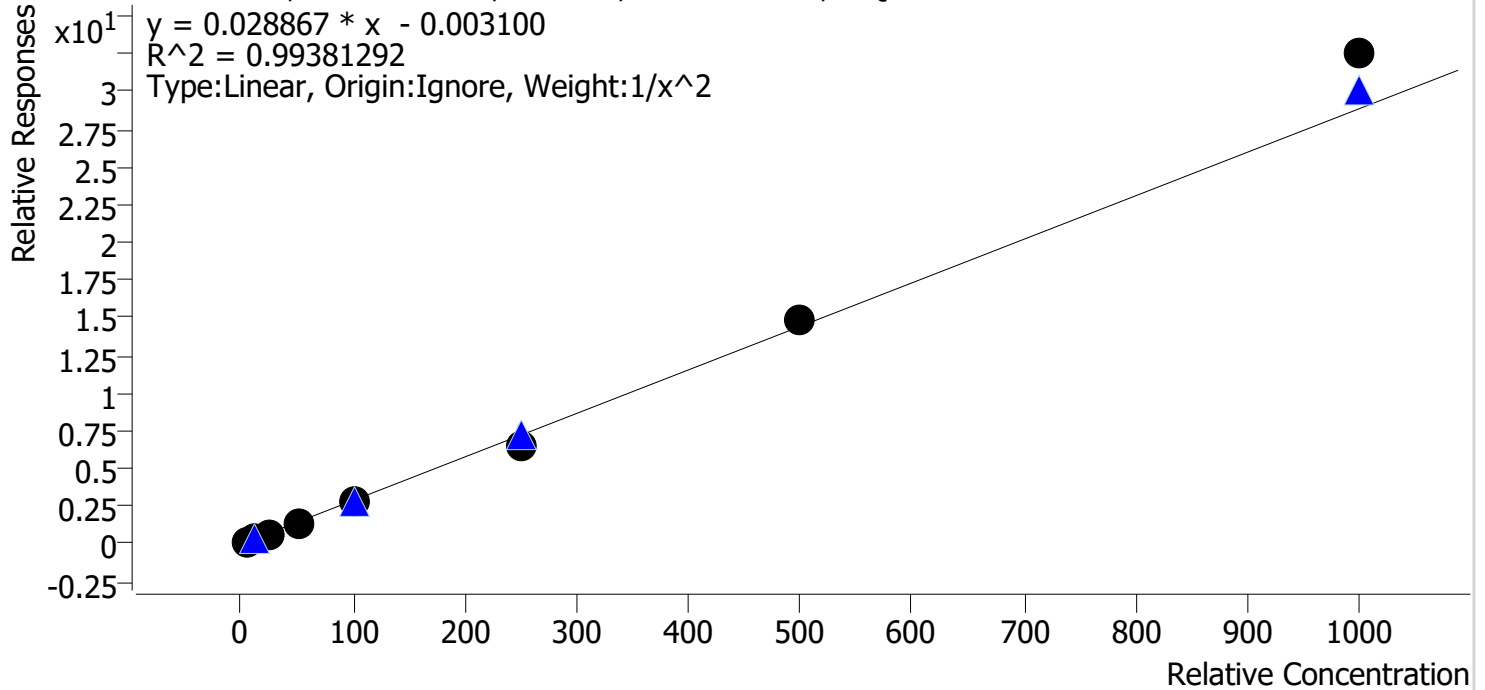
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdqr	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	26.5	106.0
cal 4 mdq	4	✓	50.0	56.5	112.9
cal 5 mdq	5	✓	100.0	108.8	108.8
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	440.0	88.0
cal 8 mdq	8	✓	1000.0	897.0	89.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



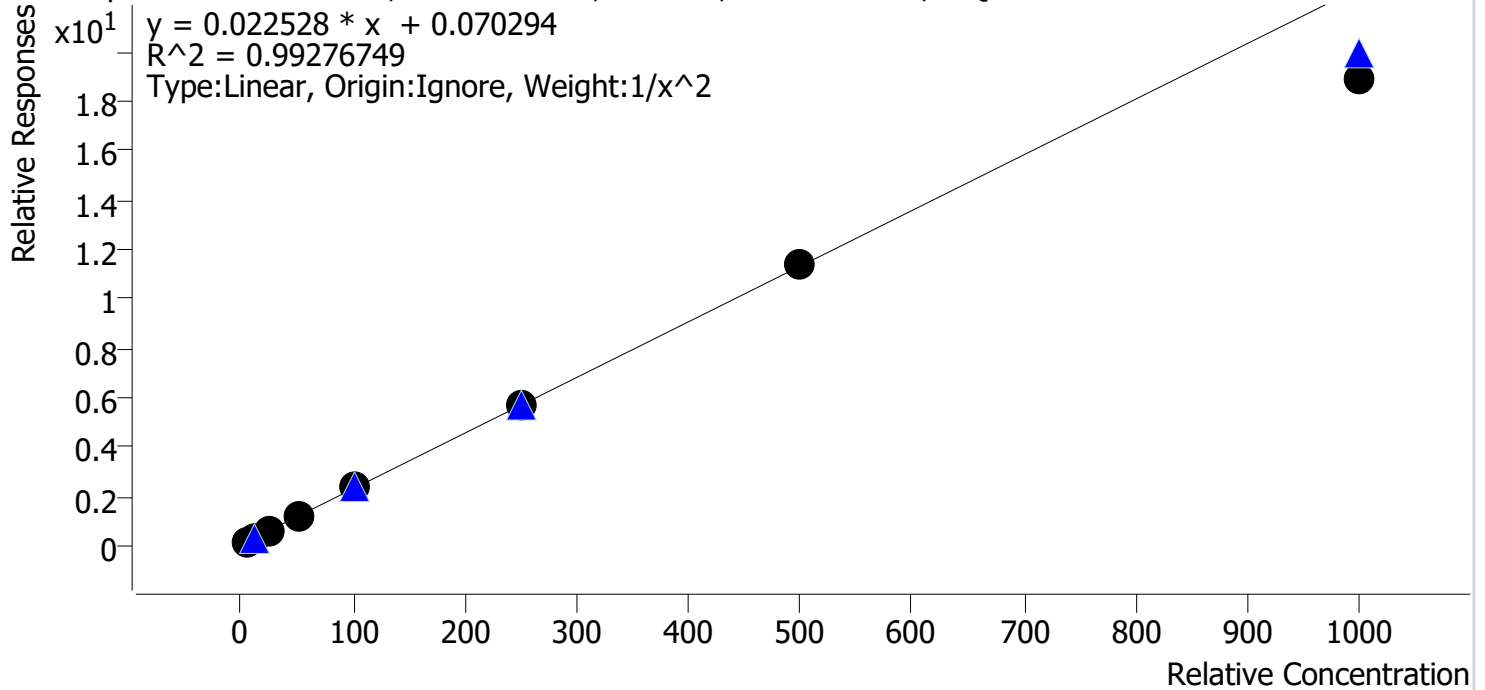
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.0
cal 2 mdqr	2	✓	10.0	9.5	94.8
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	223.7	89.5
cal 7 mdq	7	✓	500.0	517.0	103.4
cal 8 mdq	8	✓	1000.0	1126.7	112.7

Compound Calibration Report



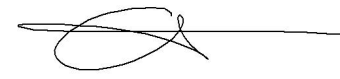
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdqr	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	26.8	107.2
cal 4 mdq	4	✓	50.0	53.3	106.5
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	500.3	100.1
cal 8 mdq	8	✓	1000.0	838.4	83.8

Compound Calibration Report

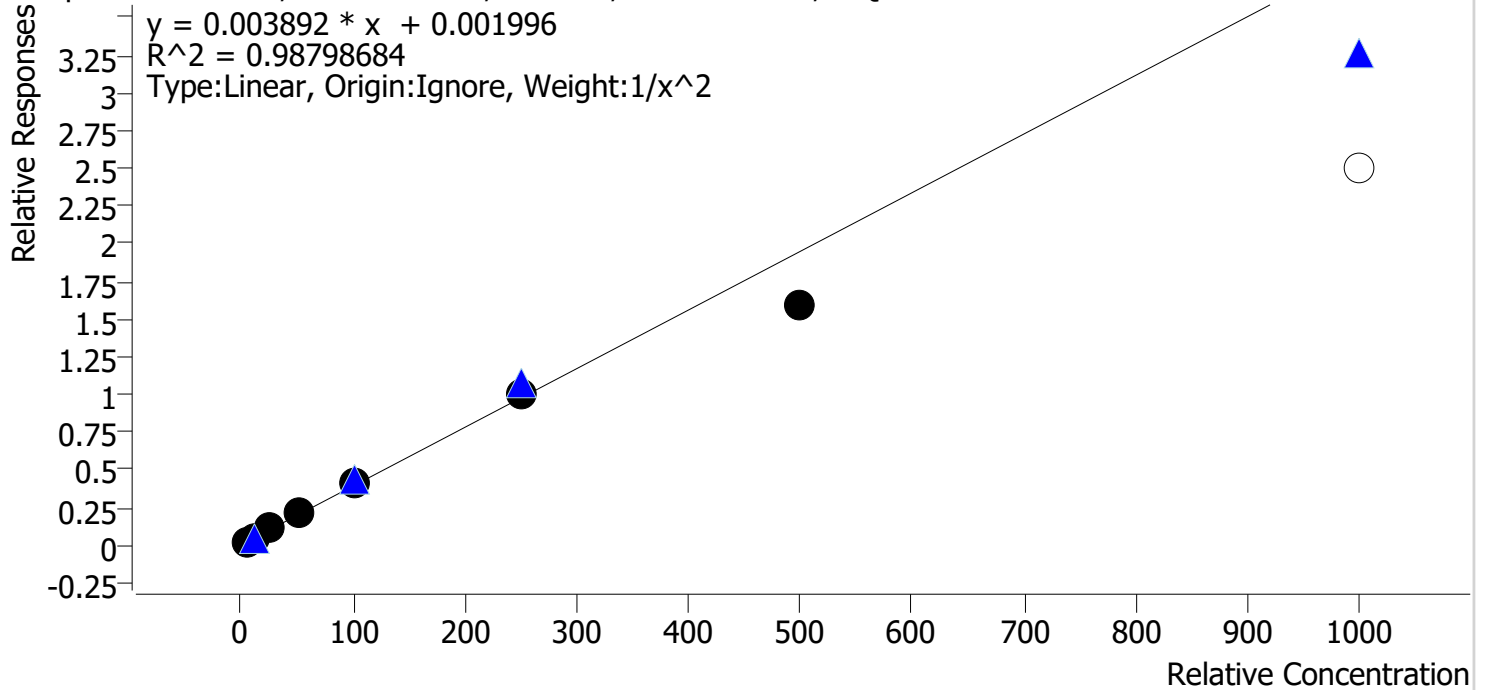


Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Metoprolol

Internal Standard

Phentermine-D5

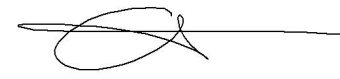
Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdqr	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	28.2	112.6
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	254.3	101.7
cal 7 mdq	7	✓	500.0	410.3	82.1
cal 8 mdq	8	✗	1000.0	645.4	64.5

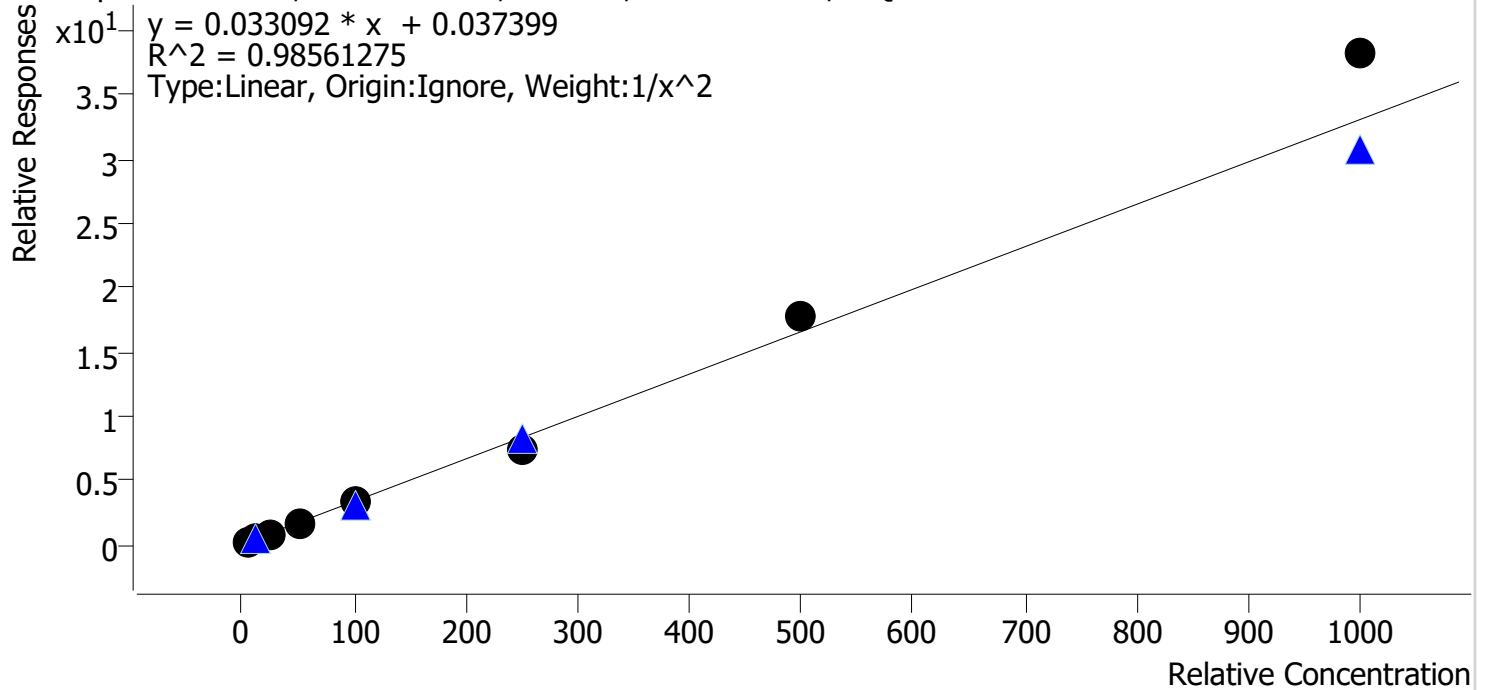
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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

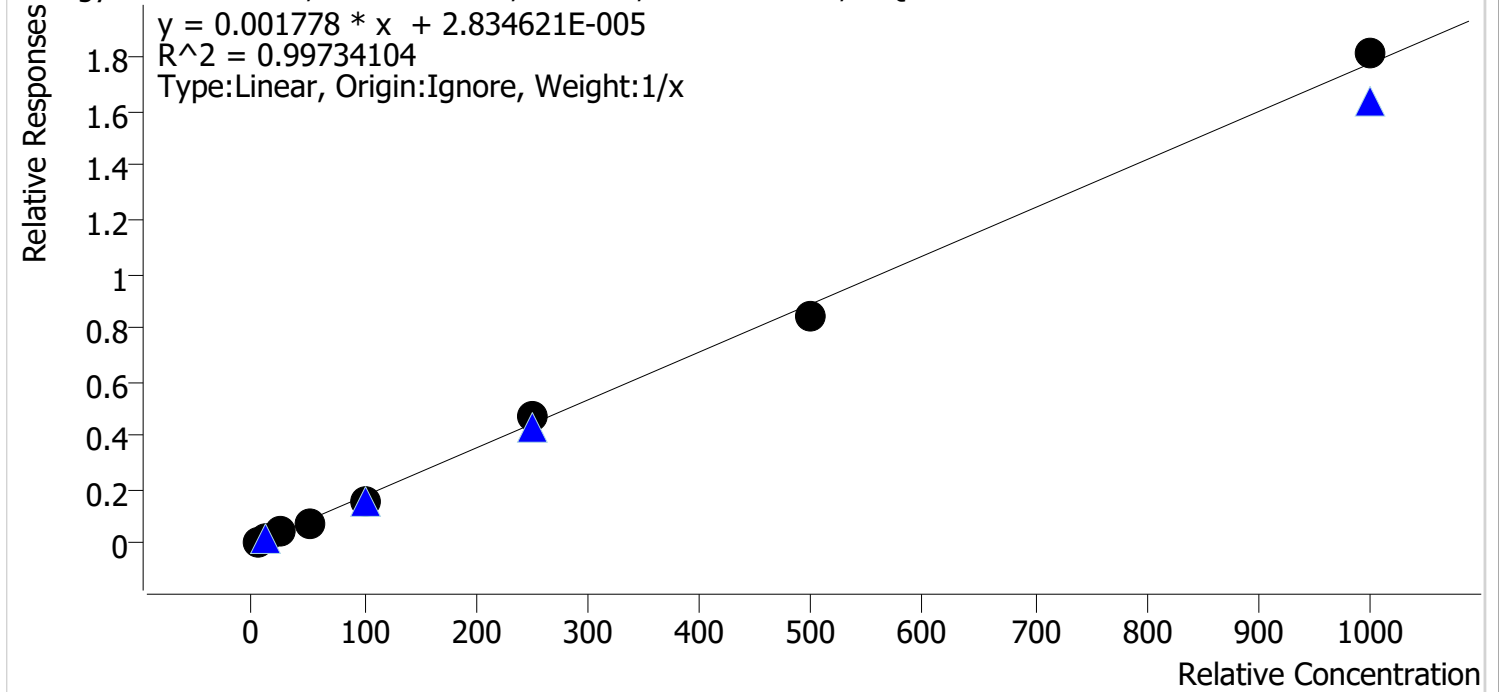


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.5
cal 2 mdqr	2	✓	10.0	11.3	112.8
cal 3 mdq	3	✓	25.0	22.4	89.7
cal 4 mdq	4	✓	50.0	47.0	94.1
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	219.7	87.9
cal 7 mdq	7	✓	500.0	535.5	107.1
cal 8 mdq	8	✓	1000.0	1155.3	115.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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



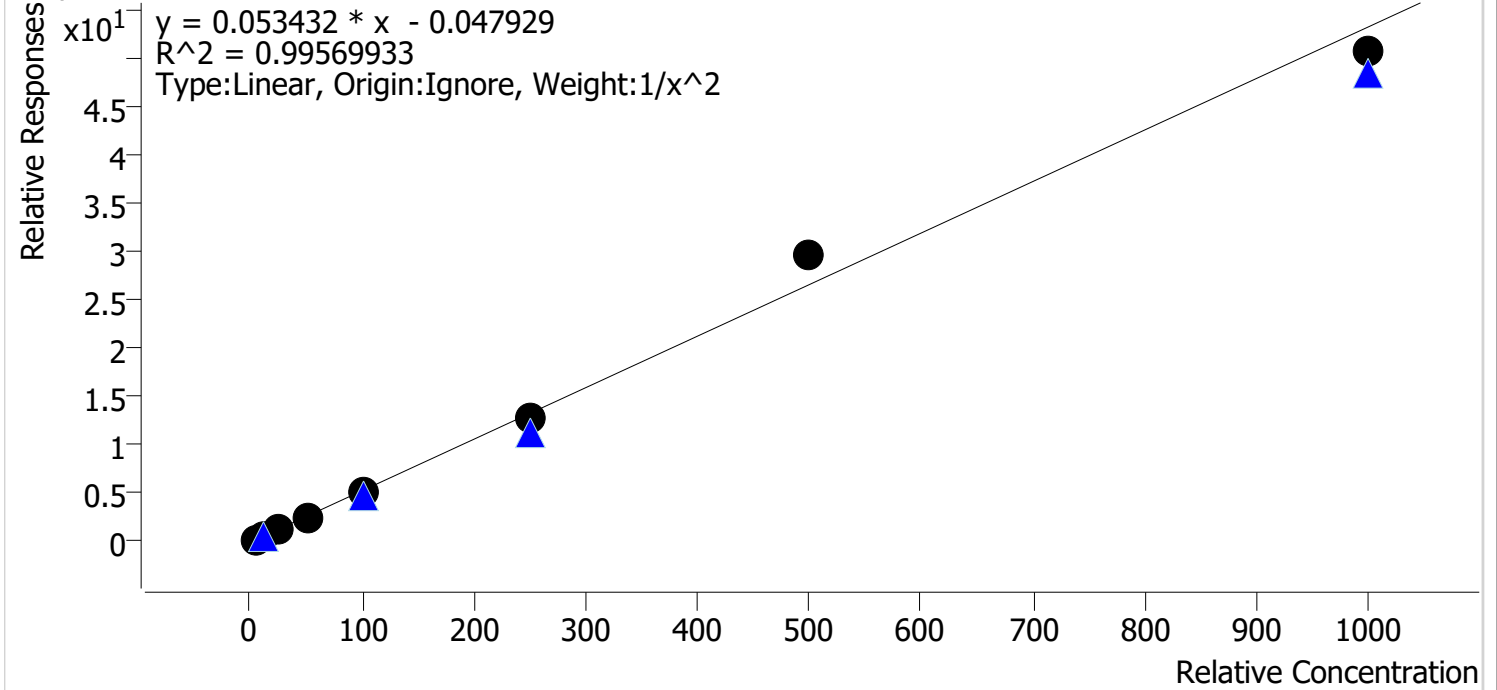
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdqr	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	30.0	119.9
cal 4 mdq	4	✓	50.0	45.6	91.2
cal 5 mdq	5	✓	100.0	88.7	88.7
cal 6 mdq	6	✓	250.0	262.4	105.0
cal 7 mdq	7	✓	500.0	477.9	95.6
cal 8 mdq	8	✓	1000.0	1020.8	102.1

Compound Calibration Report



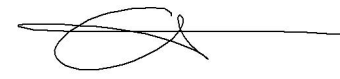
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



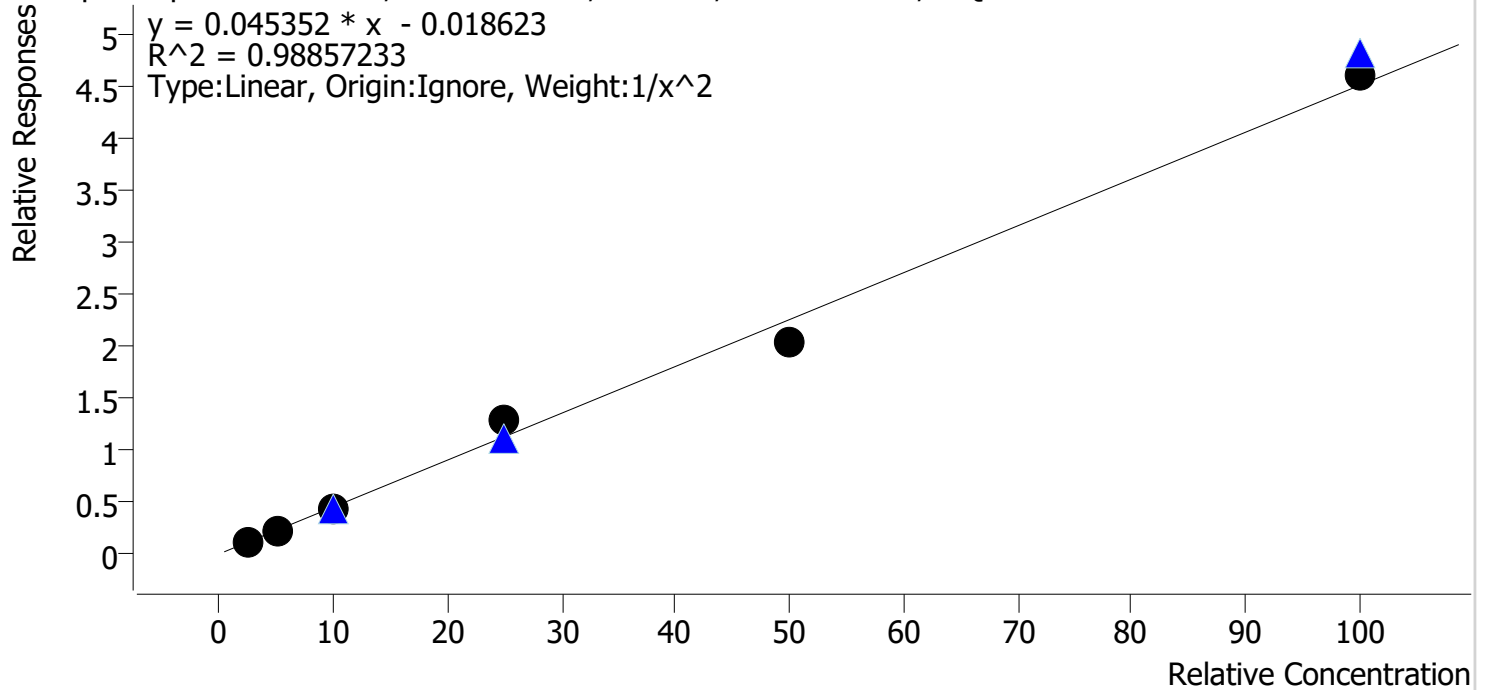
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdqr	2	✓	10.0	10.4	104.4
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	49.3	98.5
cal 5 mdq	5	✓	100.0	94.0	94.0
cal 6 mdq	6	✓	250.0	244.7	97.9
cal 7 mdq	7	✓	500.0	559.1	111.8
cal 8 mdq	8	✓	1000.0	952.2	95.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 3 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 3 mdq	3	✓	2.5	2.6	102.9
cal 4 mdq	4	✓	5.0	4.7	94.4
cal 5 mdq	5	✓	10.0	9.5	95.3
cal 6 mdq	6	✓	25.0	28.7	114.8
cal 7 mdq	7	✓	50.0	45.4	90.8
cal 8 mdq	8	✓	100.0	101.8	101.8

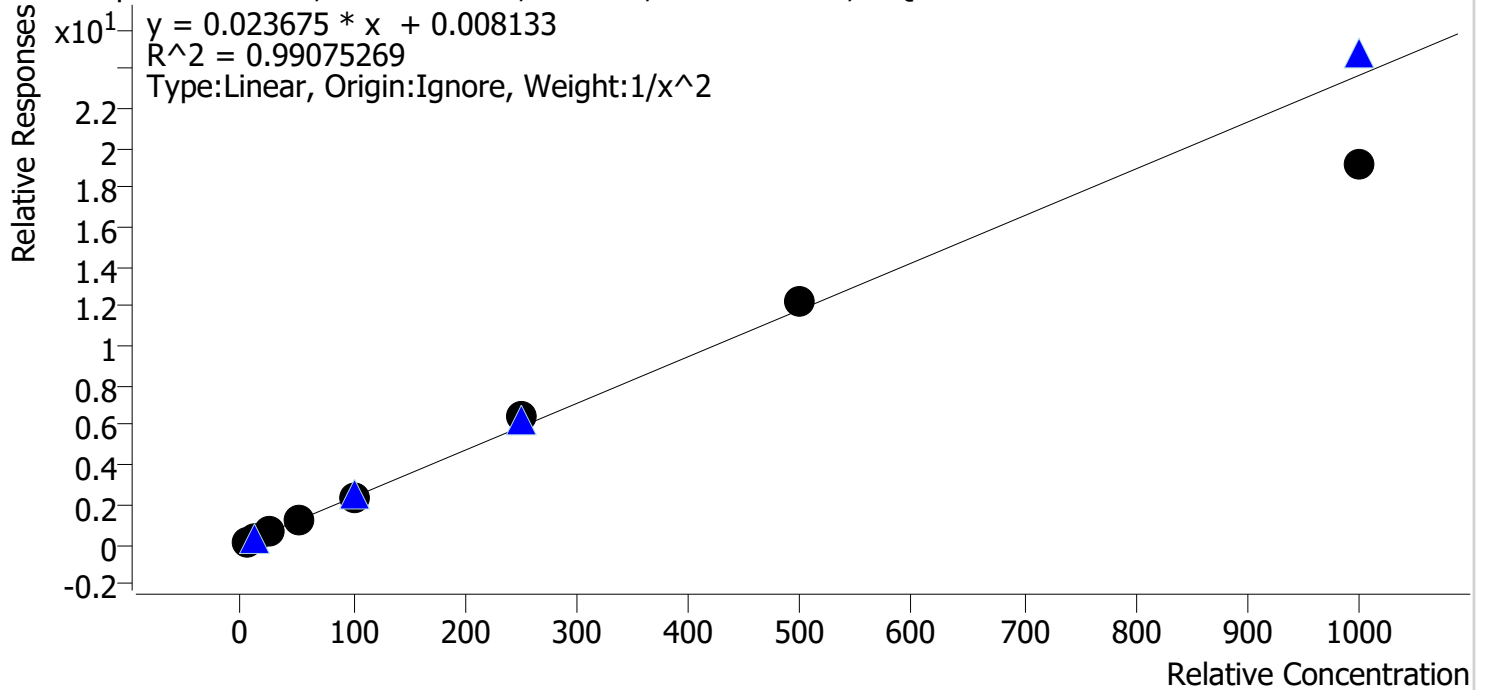
dropped cal 1 due to poor response, dropped cal 2 due to ratio falling outside range on 1ng control.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

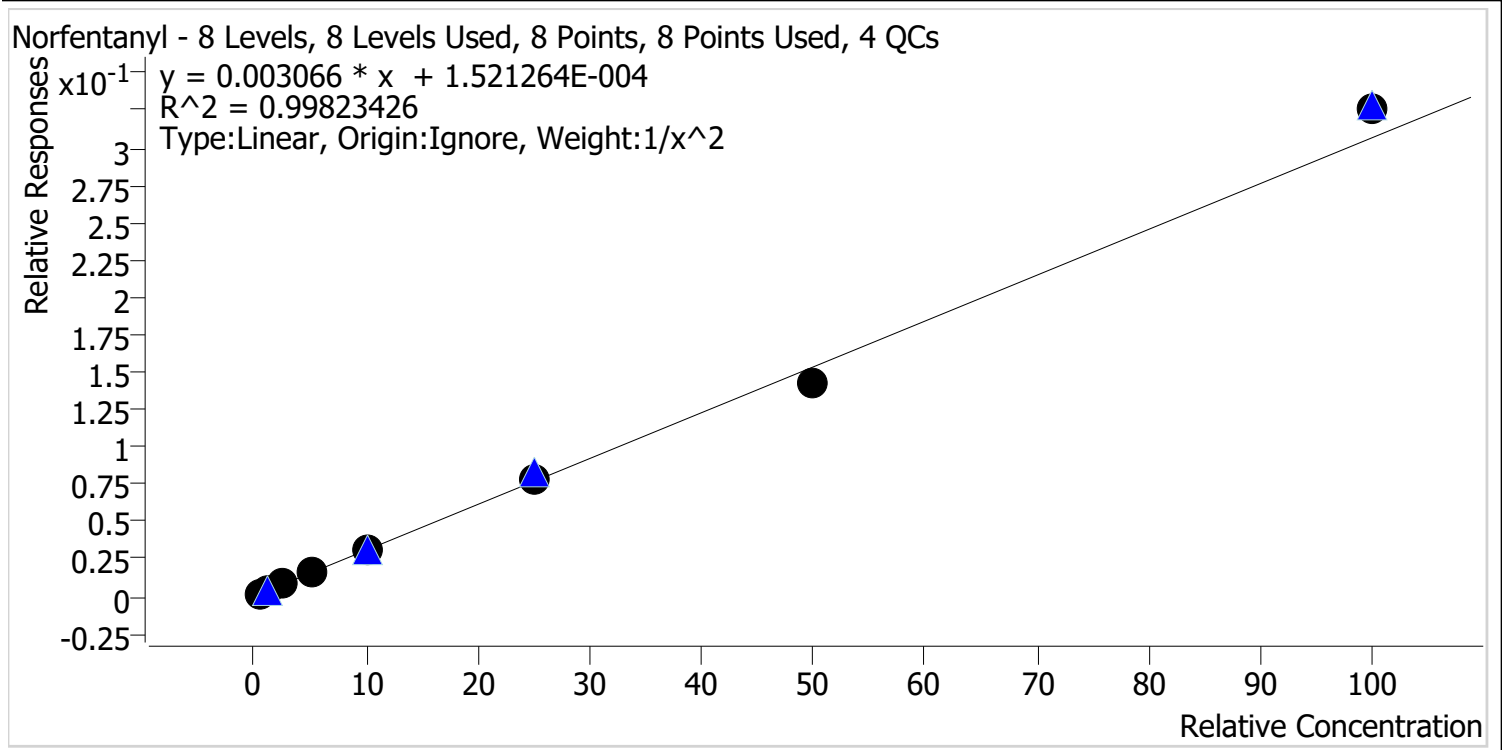


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	26.2	105.0
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	271.1	108.5
cal 7 mdq	7	✓	500.0	514.5	102.9
cal 8 mdq	8	✓	1000.0	807.6	80.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



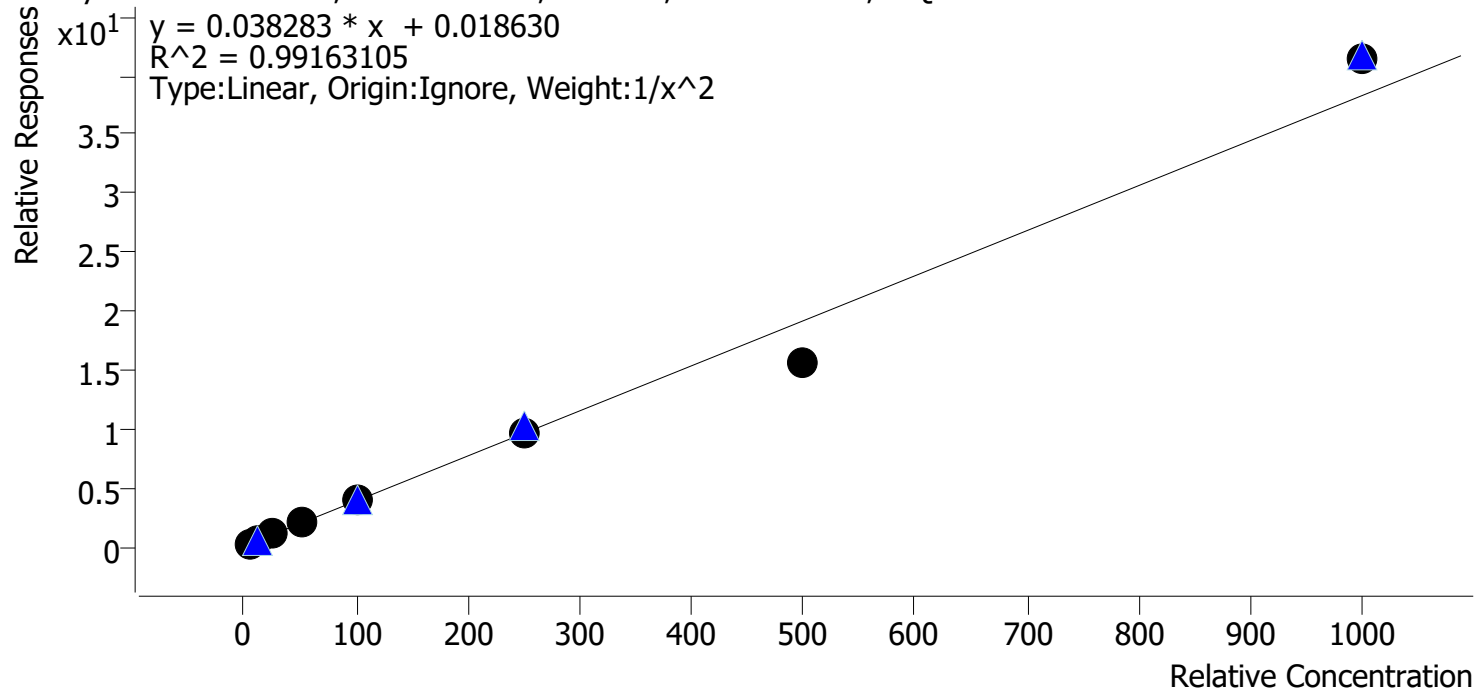
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.9
cal 2 mdqr	2	✓	1.0	1.0	98.7
cal 3 mdq	3	✓	2.5	2.4	98.0
cal 4 mdq	4	✓	5.0	5.1	102.2
cal 5 mdq	5	✓	10.0	10.0	99.8
cal 6 mdq	6	✓	25.0	25.2	101.0
cal 7 mdq	7	✓	50.0	46.7	93.4
cal 8 mdq	8	✓	100.0	106.1	106.1

Compound Calibration Report



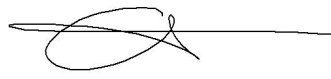
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

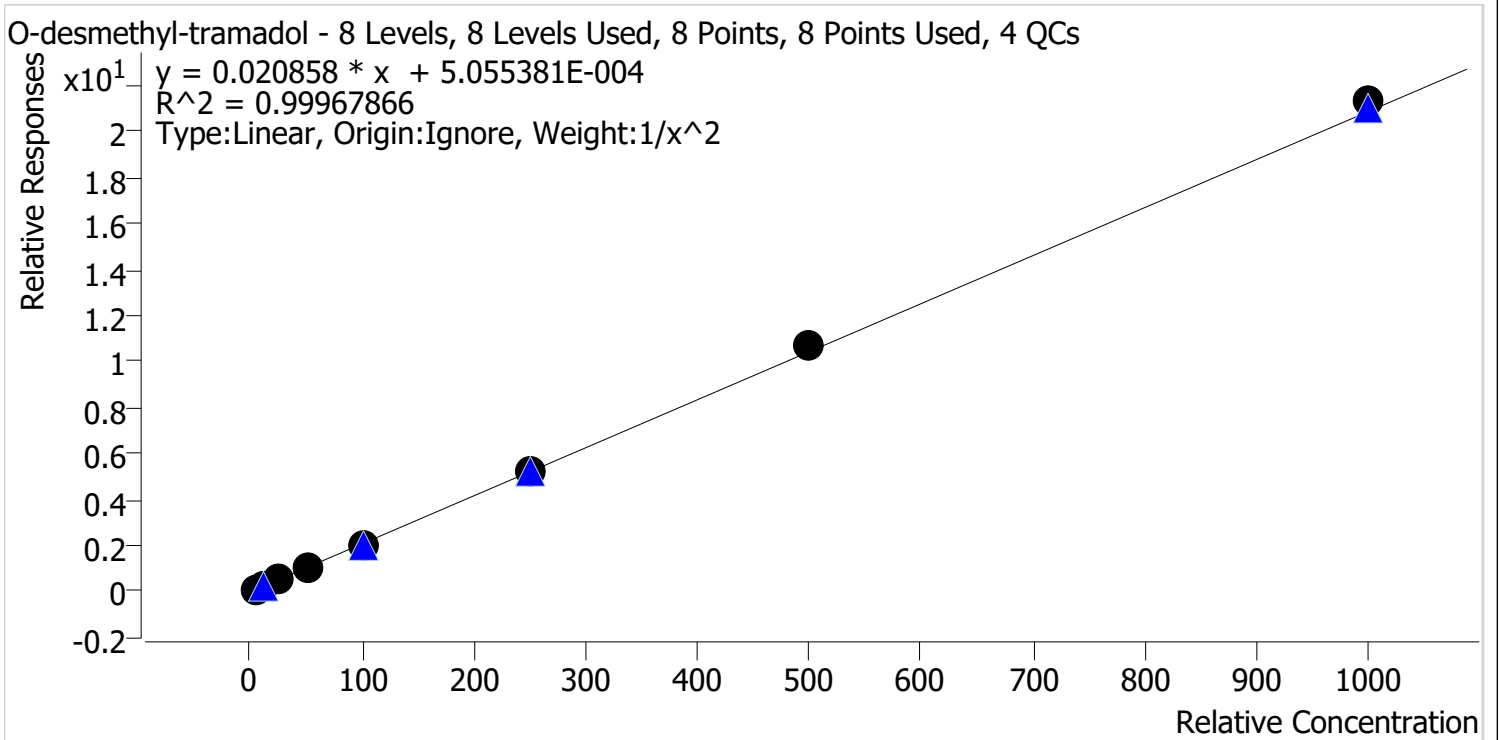


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	52.7	105.4
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	410.4	82.1
cal 8 mdq	8	✓	1000.0	1080.1	108.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



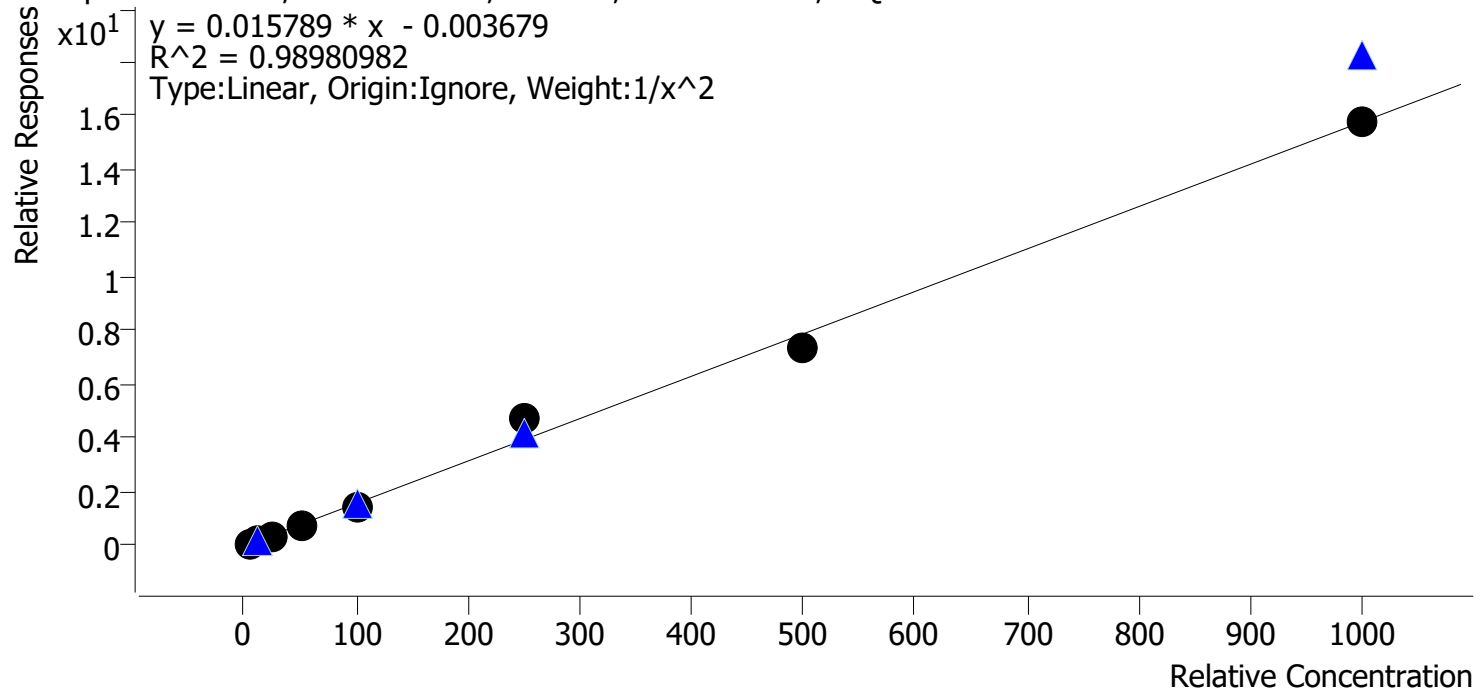
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdqr	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	510.5	102.1
cal 8 mdq	8	✓	1000.0	1021.5	102.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



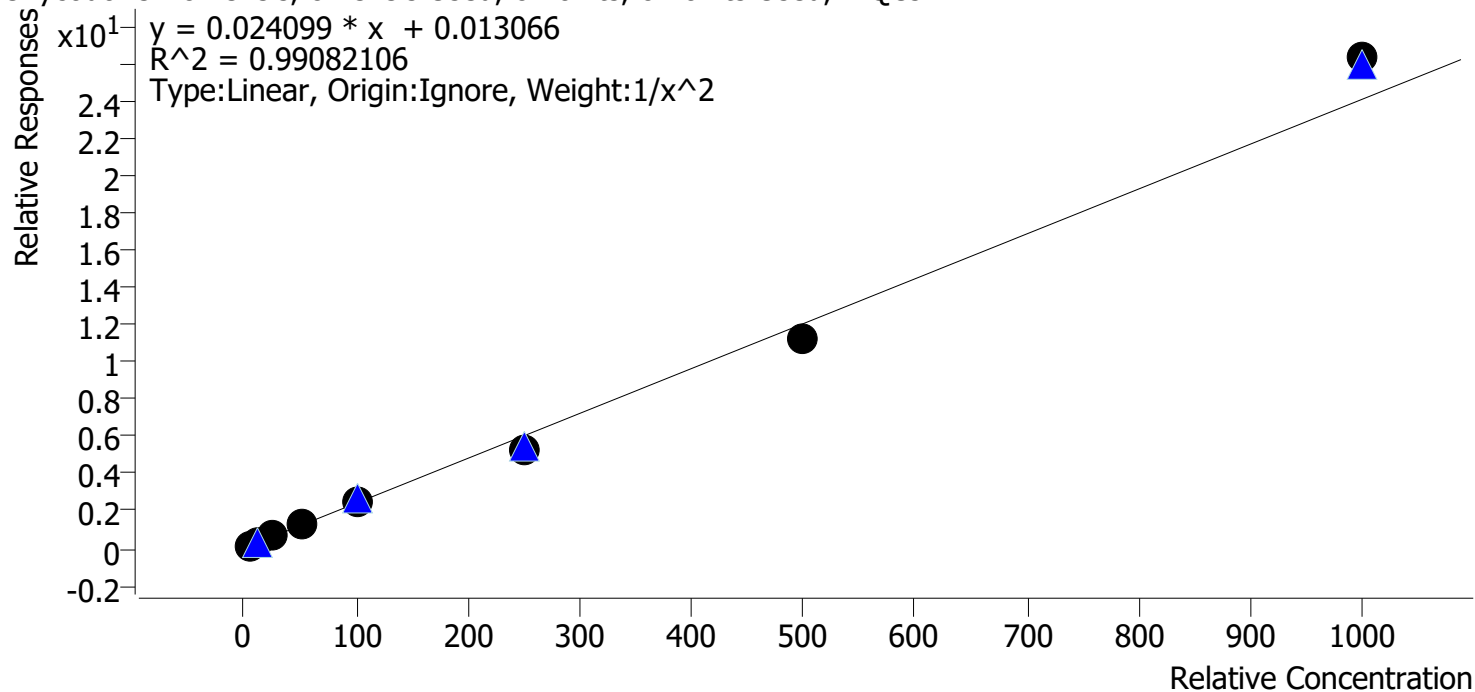
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdqr	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	23.4	93.8
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	92.5	92.5
cal 6 mdq	6	✓	250.0	299.2	119.7
cal 7 mdq	7	✓	500.0	469.8	94.0
cal 8 mdq	8	✓	1000.0	996.6	99.7

Compound Calibration Report



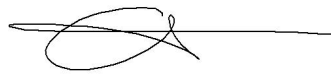
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



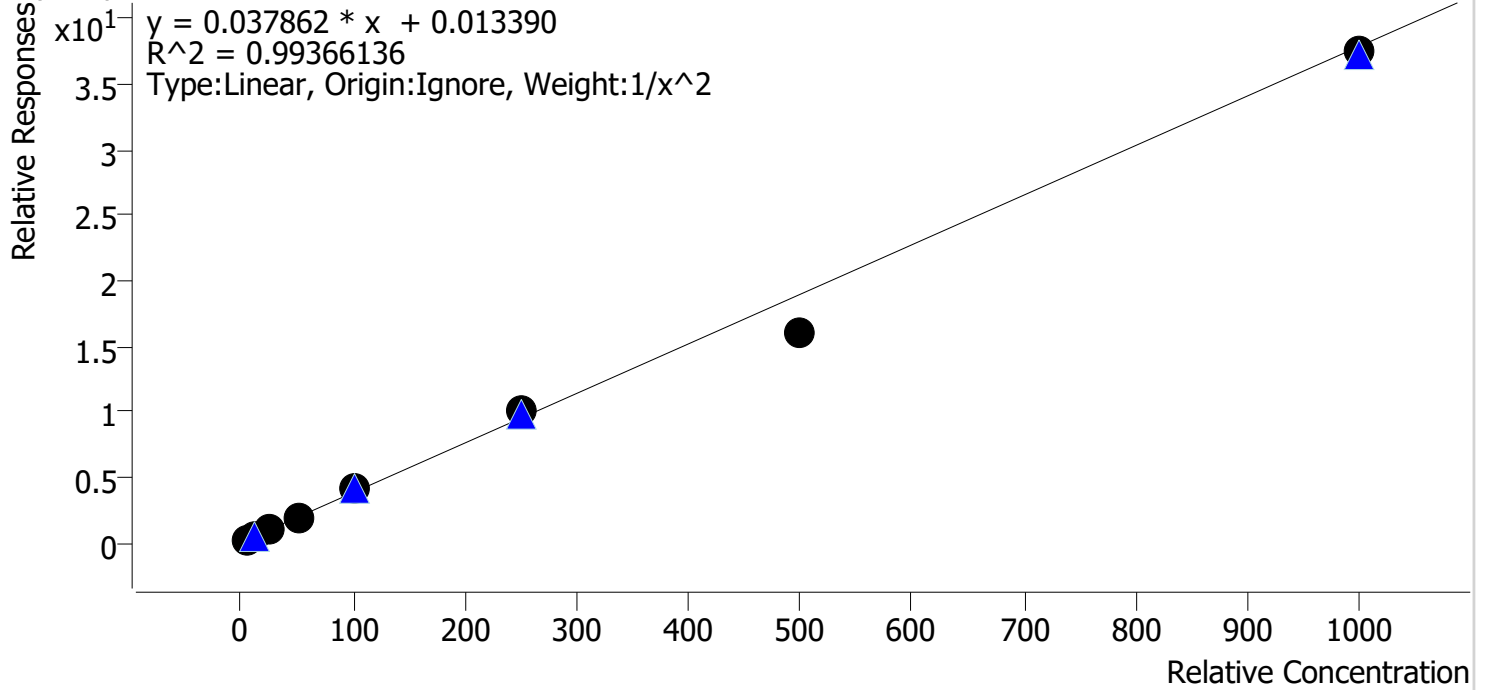
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.1
cal 2 mdqr	2	✓	10.0	8.9	89.2
cal 3 mdq	3	✓	25.0	25.8	103.4
cal 4 mdq	4	✓	50.0	52.9	105.7
cal 5 mdq	5	✓	100.0	106.8	106.8
cal 6 mdq	6	✓	250.0	221.4	88.5
cal 7 mdq	7	✓	500.0	465.3	93.1
cal 8 mdq	8	✓	1000.0	1092.9	109.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdqr	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	51.7	103.4
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdq	6	✓	250.0	263.8	105.5
cal 7 mdq	7	✓	500.0	421.3	84.3
cal 8 mdq	8	✓	1000.0	989.5	99.0

Compound Calibration Report

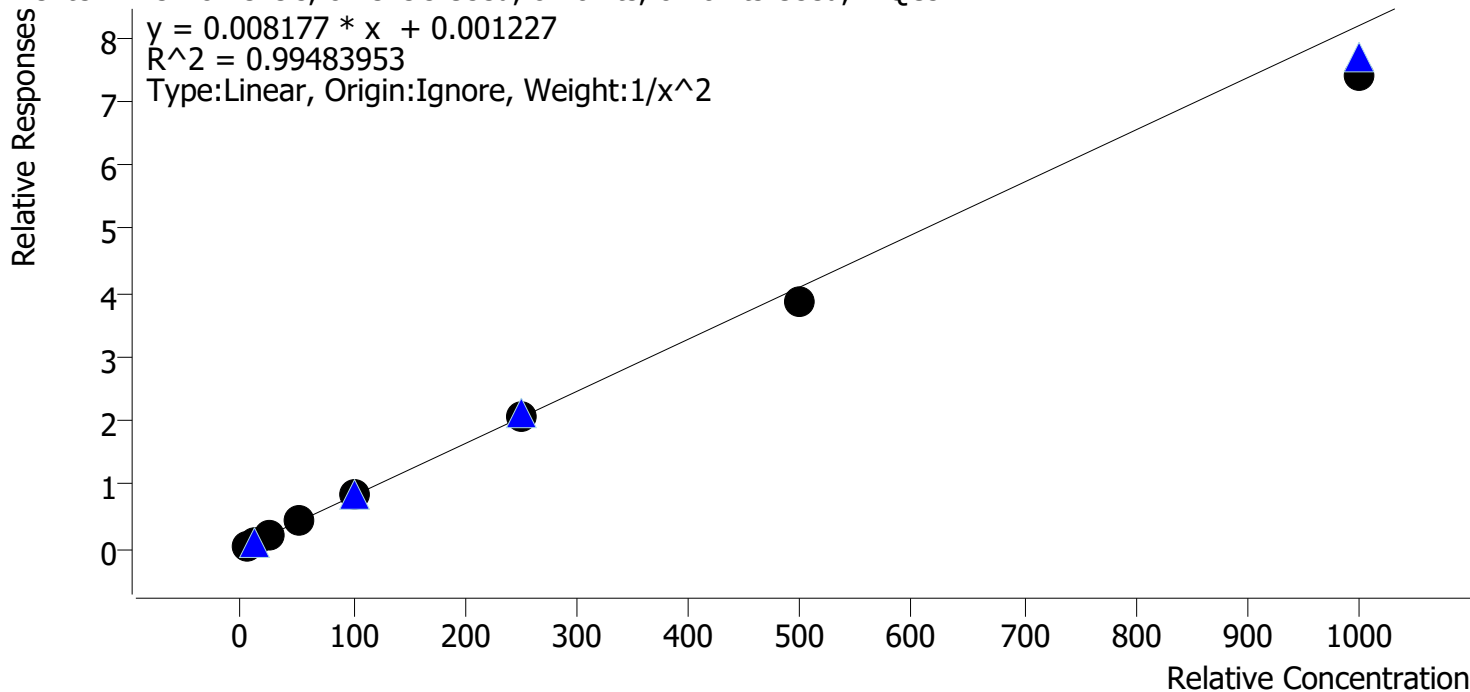


Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Phentermine

Internal Standard

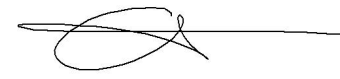
Phentermine-D5

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



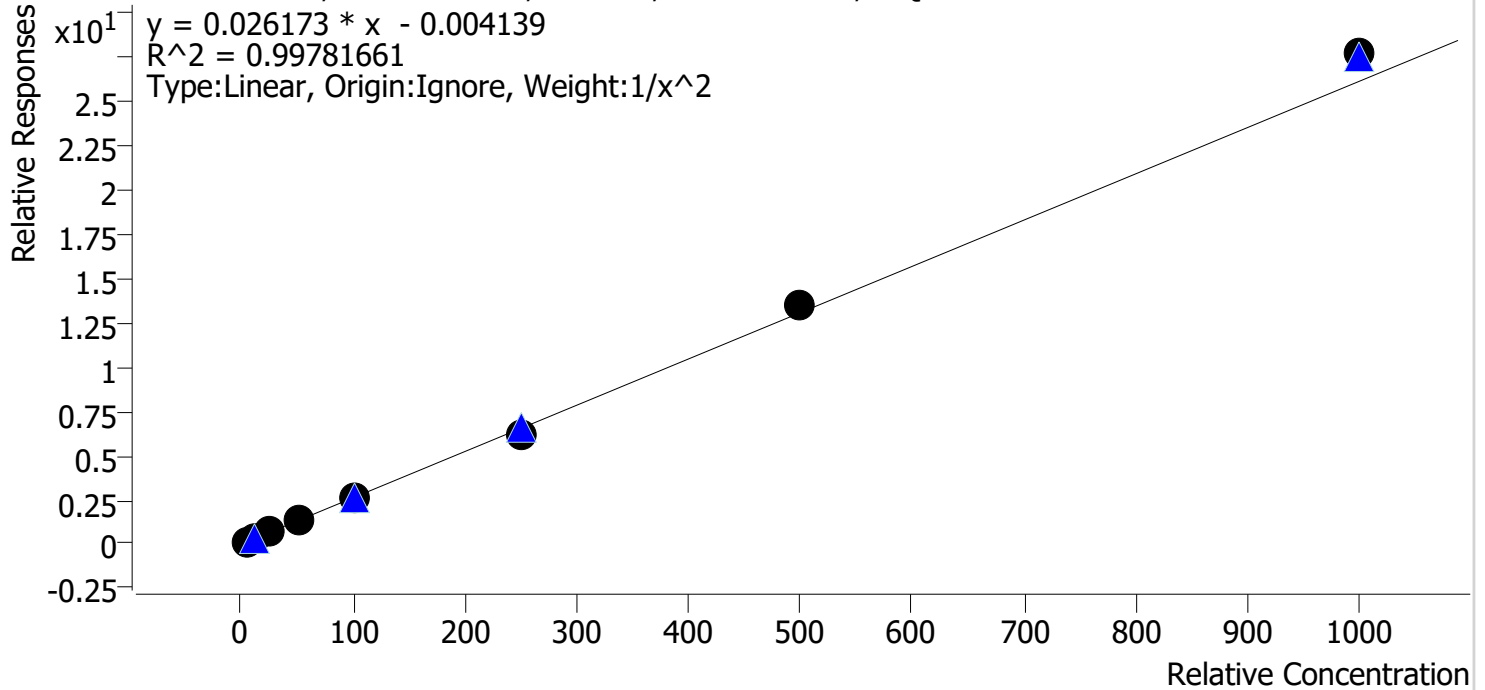
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdqr	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	27.4	109.6
cal 4 mdq	4	✓	50.0	51.0	102.1
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	469.3	93.9
cal 8 mdq	8	✓	1000.0	904.3	90.4

Compound Calibration Report



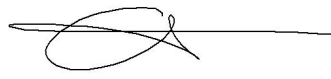
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



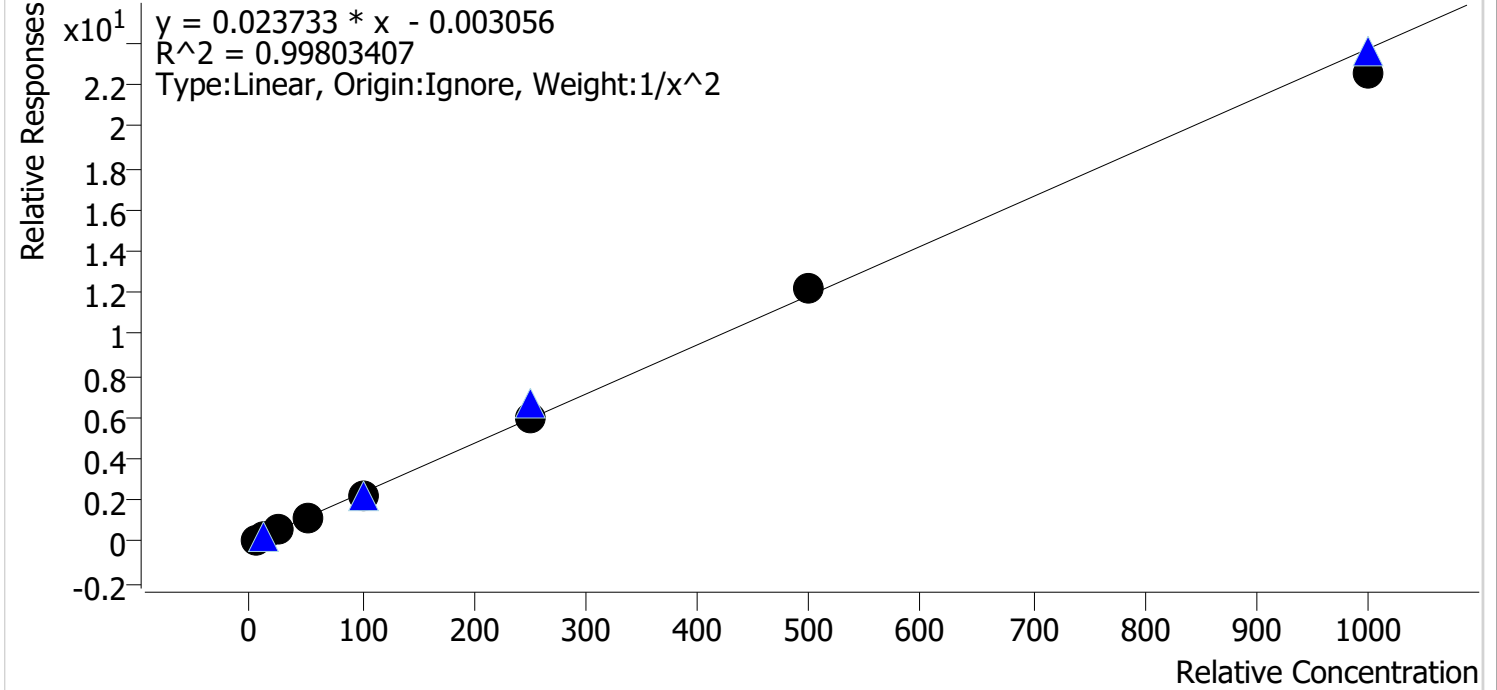
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdqr	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	232.1	92.8
cal 7 mdq	7	✓	500.0	520.4	104.1
cal 8 mdq	8	✓	1000.0	1059.9	106.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



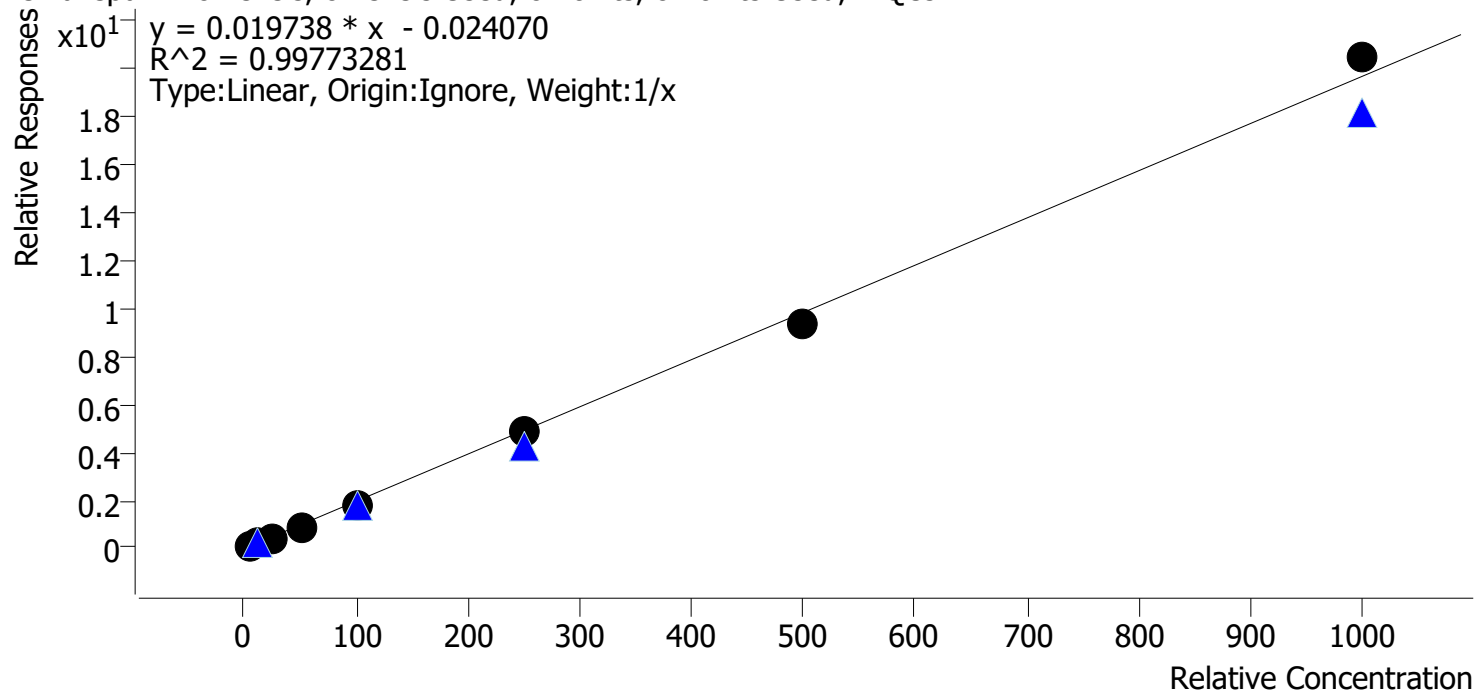
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdqr	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	517.0	103.4
cal 8 mdq	8	✓	1000.0	952.6	95.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



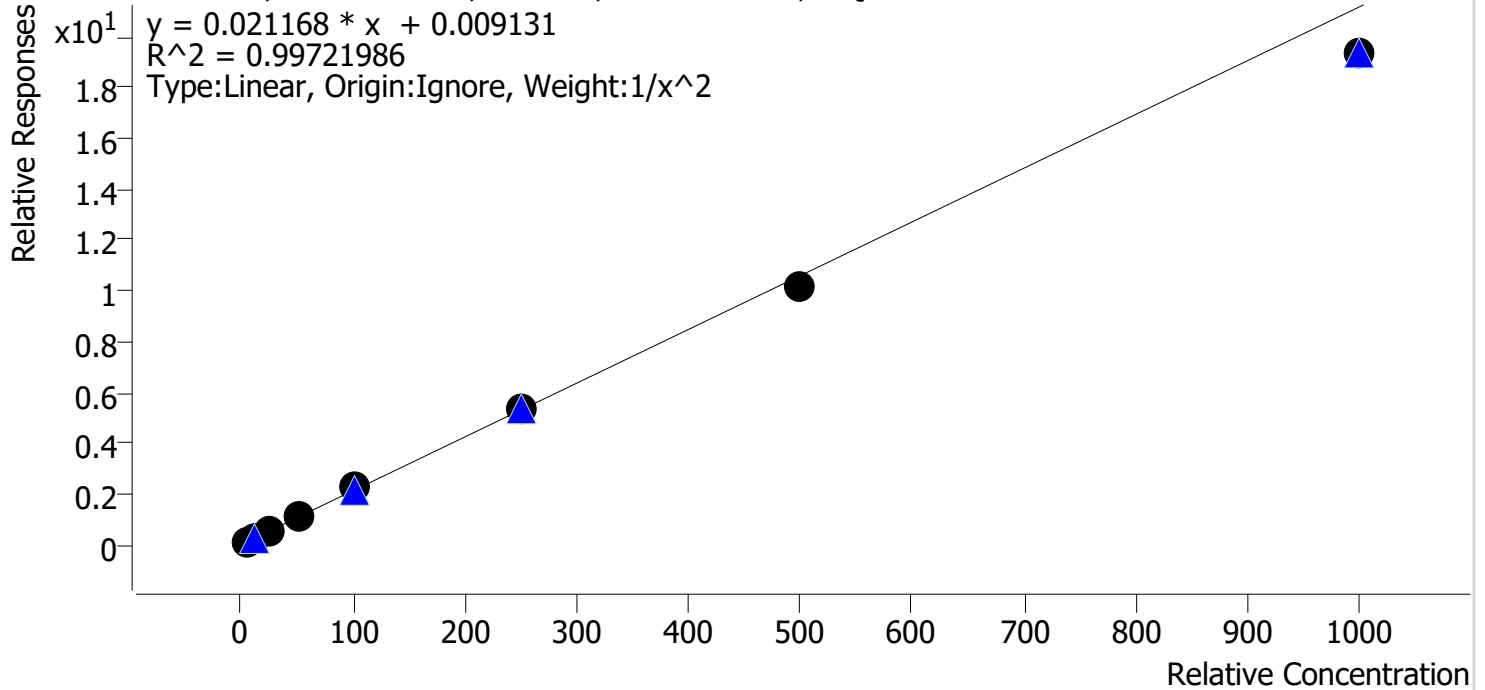
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.9	118.3
cal 2 mdqr	2	✓	10.0	10.5	105.3
cal 3 mdq	3	✓	25.0	23.3	93.0
cal 4 mdq	4	✓	50.0	46.3	92.7
cal 5 mdq	5	✓	100.0	93.1	93.1
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	473.9	94.8
cal 8 mdq	8	✓	1000.0	1039.7	104.0

Compound Calibration Report



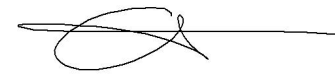
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



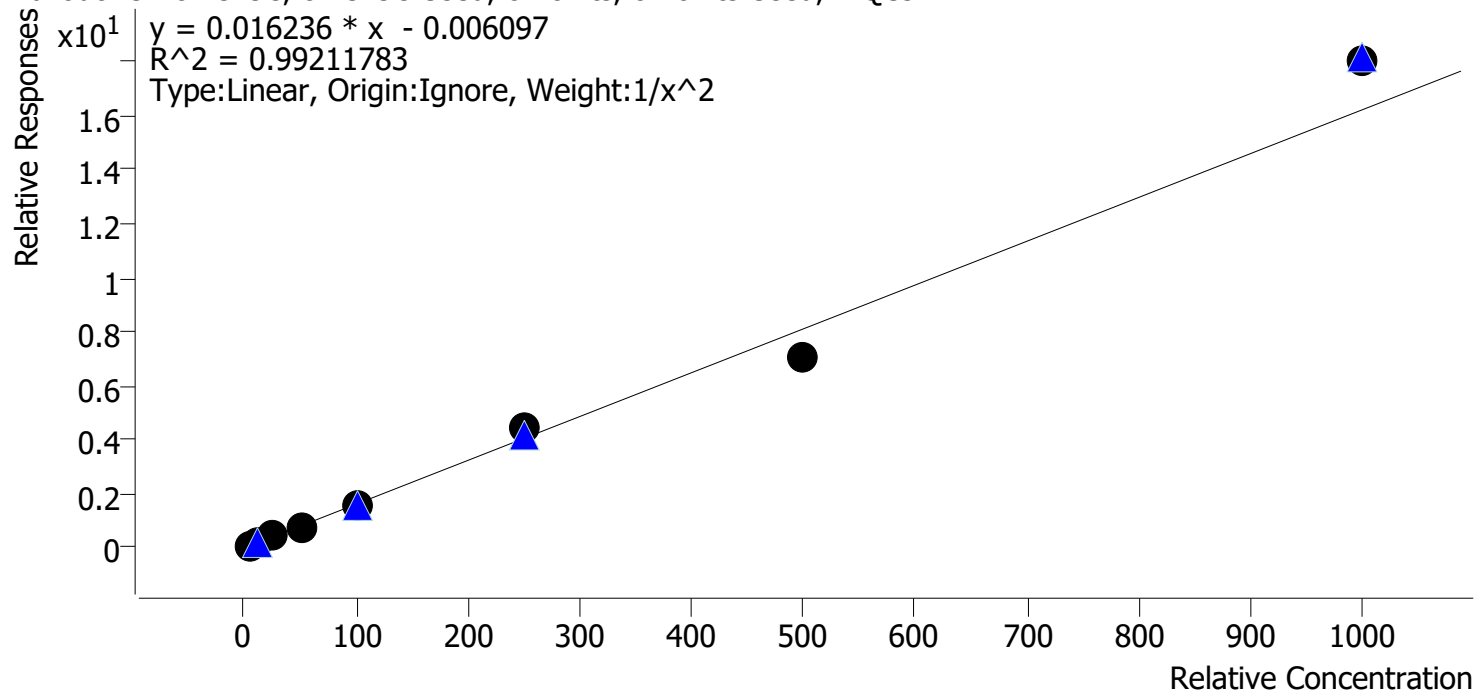
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdqr	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	51.8	103.5
cal 5 mdq	5	✓	100.0	104.0	104.0
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	479.9	96.0
cal 8 mdq	8	✓	1000.0	912.8	91.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



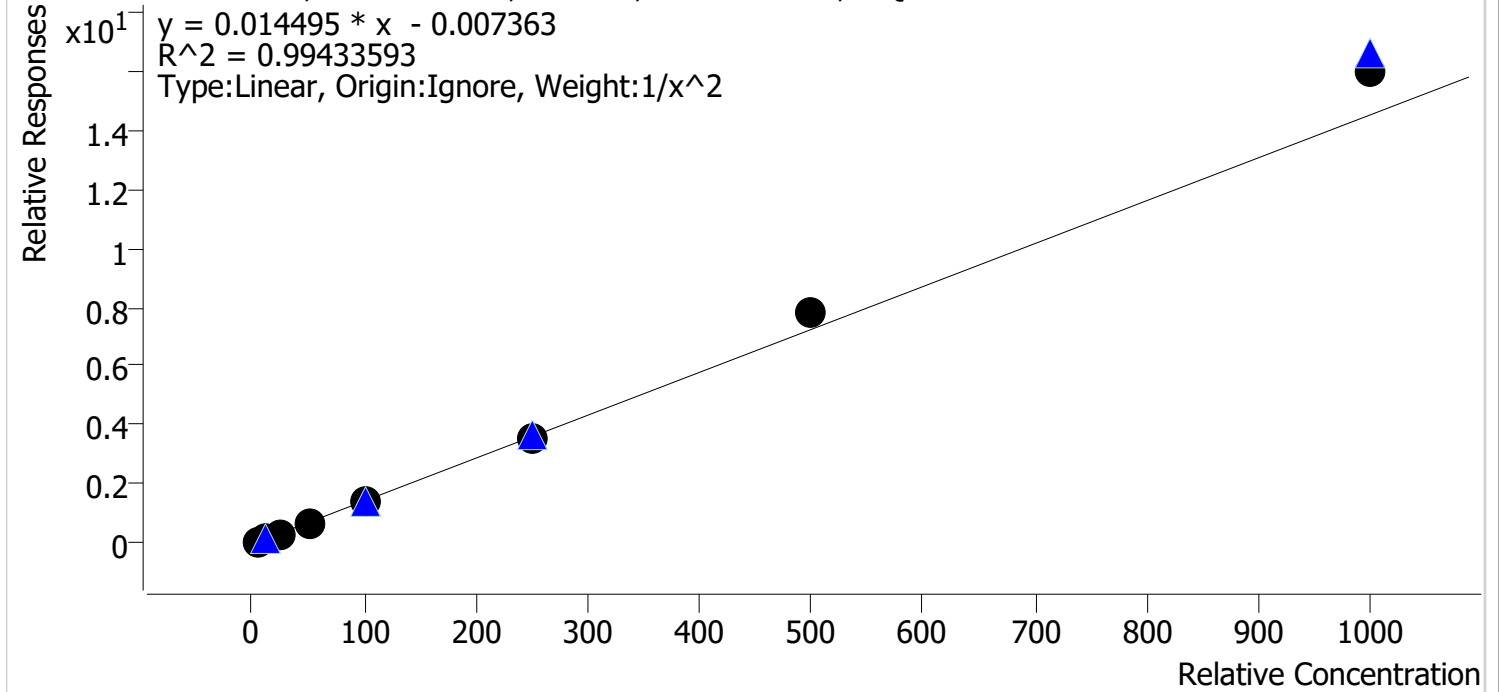
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.4
cal 2 mdqr	2	✓	10.0	9.4	93.8
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	47.8	95.6
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	271.4	108.6
cal 7 mdq	7	✓	500.0	437.9	87.6
cal 8 mdq	8	✓	1000.0	1110.8	111.1

Compound Calibration Report



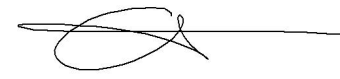
Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



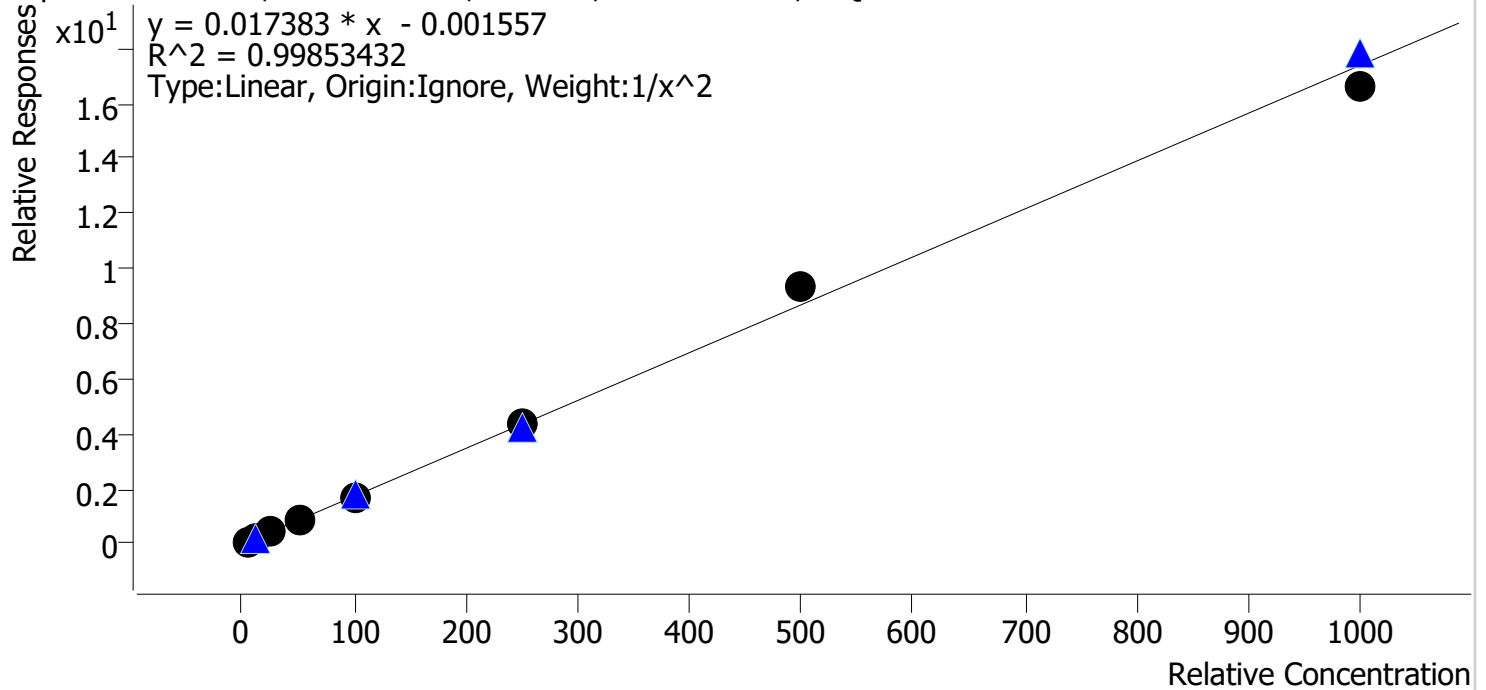
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.1
cal 2 mdqr	2	✓	10.0	9.6	96.1
cal 3 mdq	3	✓	25.0	23.1	92.3
cal 4 mdq	4	✓	50.0	47.6	95.3
cal 5 mdq	5	✓	100.0	95.1	95.1
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	535.9	107.2
cal 8 mdq	8	✓	1000.0	1105.1	110.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



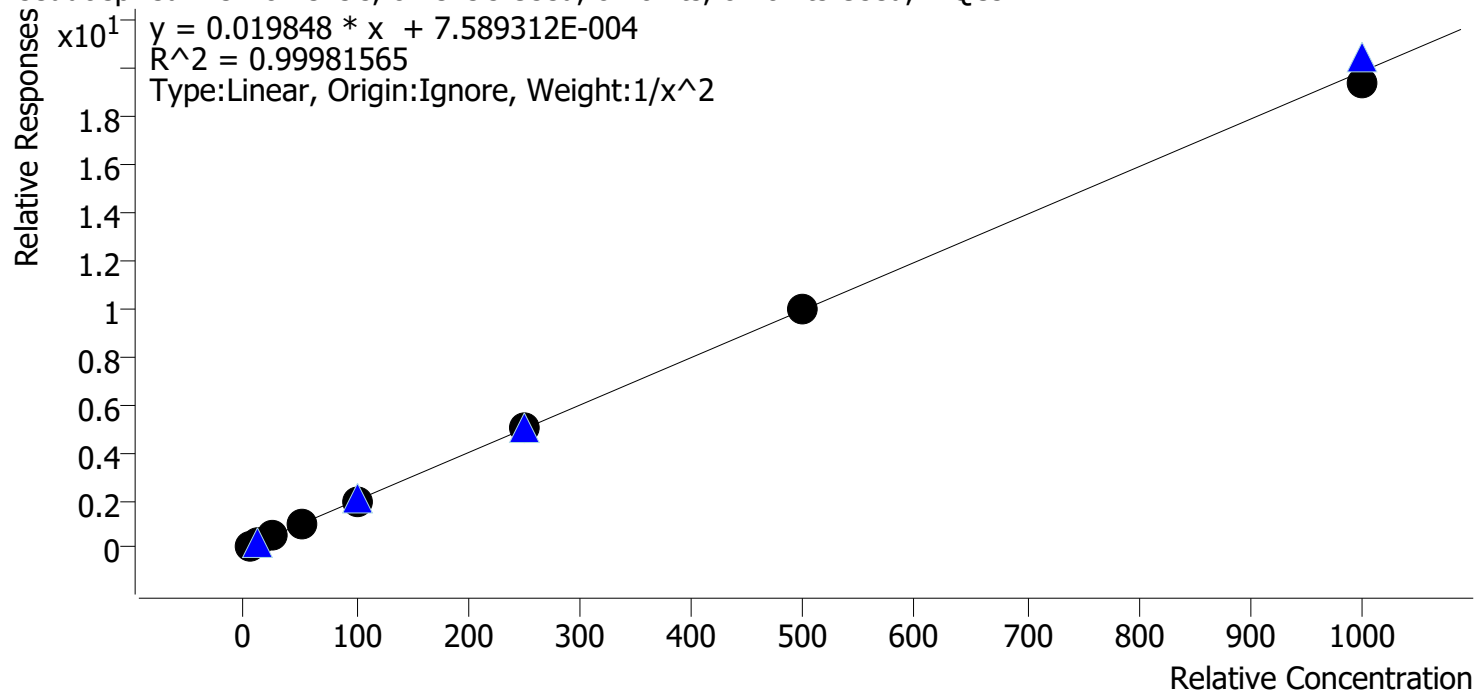
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdqr	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	535.4	107.1
cal 8 mdq	8	✓	1000.0	955.1	95.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



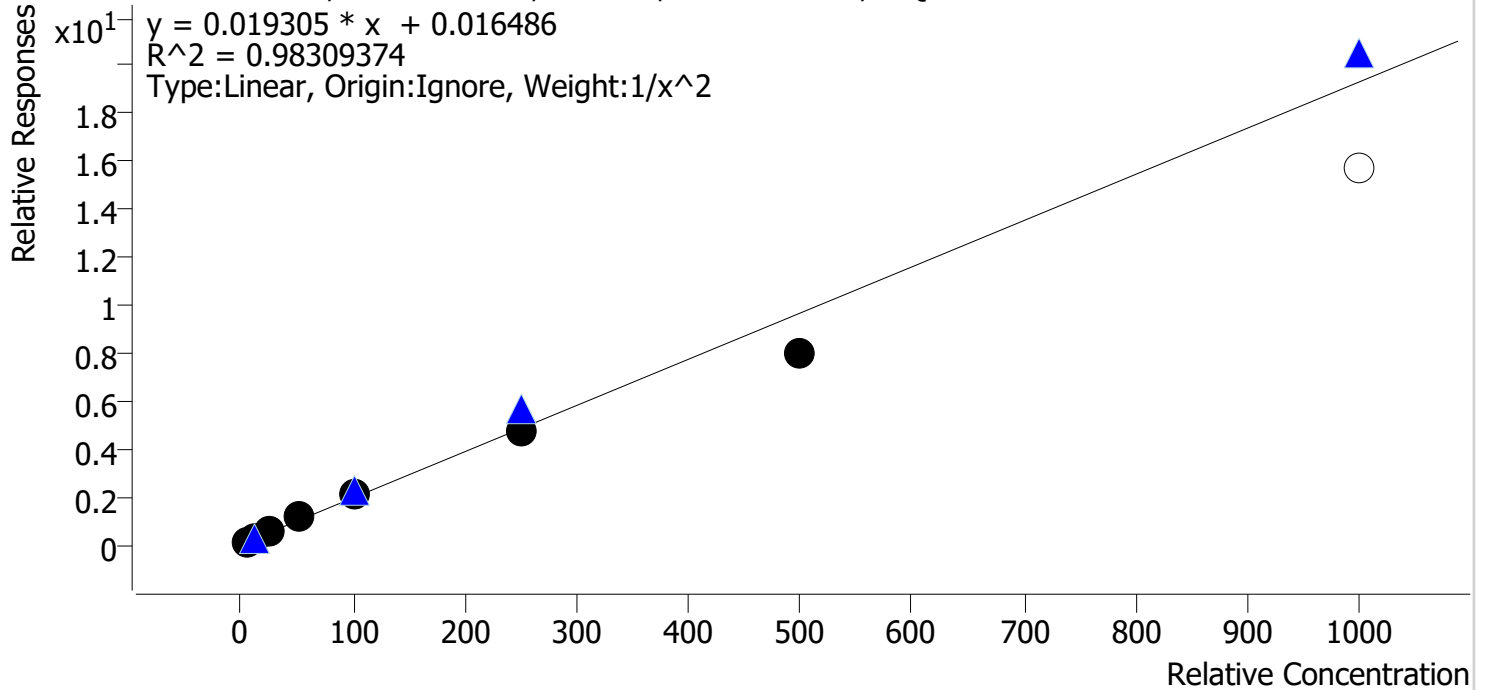
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdqr	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	252.1	100.8
cal 7 mdq	7	✓	500.0	499.5	99.9
cal 8 mdq	8	✓	1000.0	977.5	97.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Hydromorphone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdqr	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	57.9	115.8
cal 5 mdq	5	✓	100.0	111.9	111.9
cal 6 mdq	6	✓	250.0	241.0	96.4
cal 7 mdq	7	✓	500.0	415.7	83.1
cal 8 mdq	8	✗	1000.0	814.1	81.4

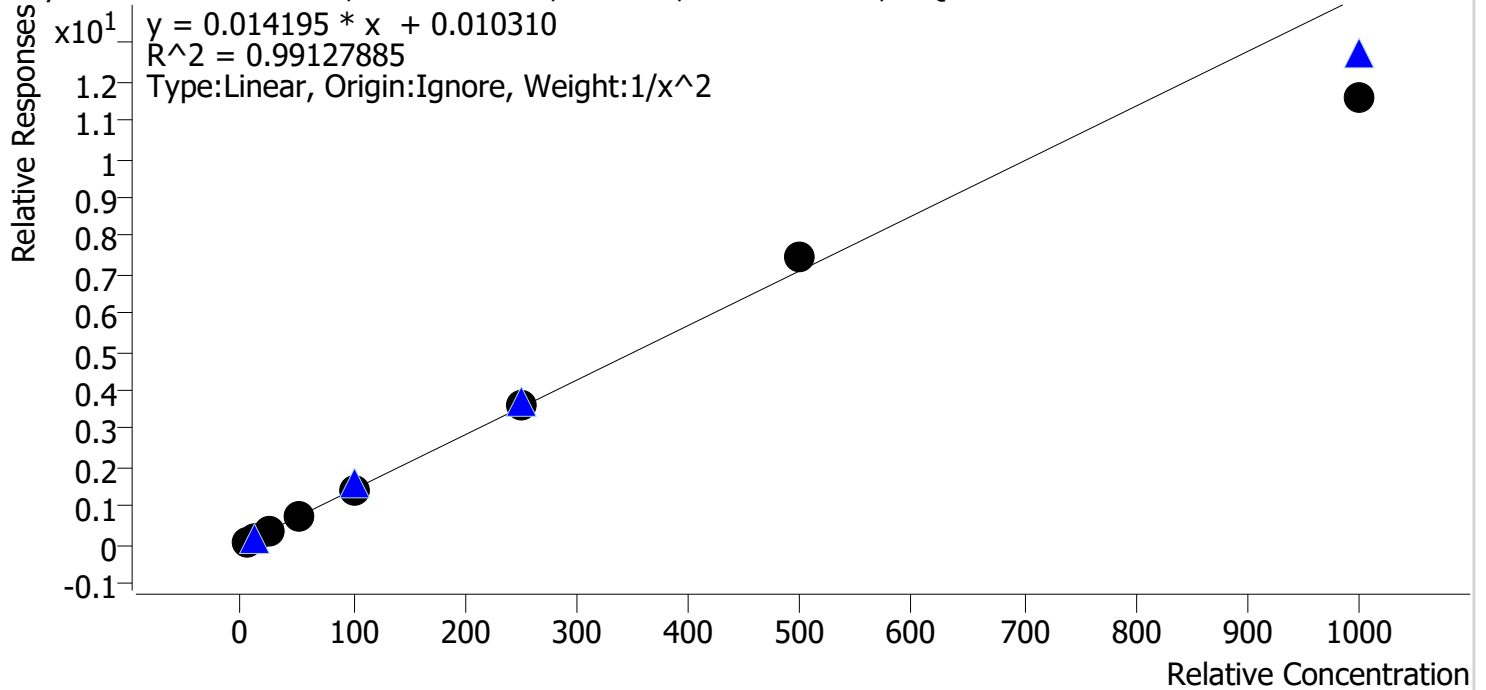
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Last Cal. Update 6/27/2022 9:24 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



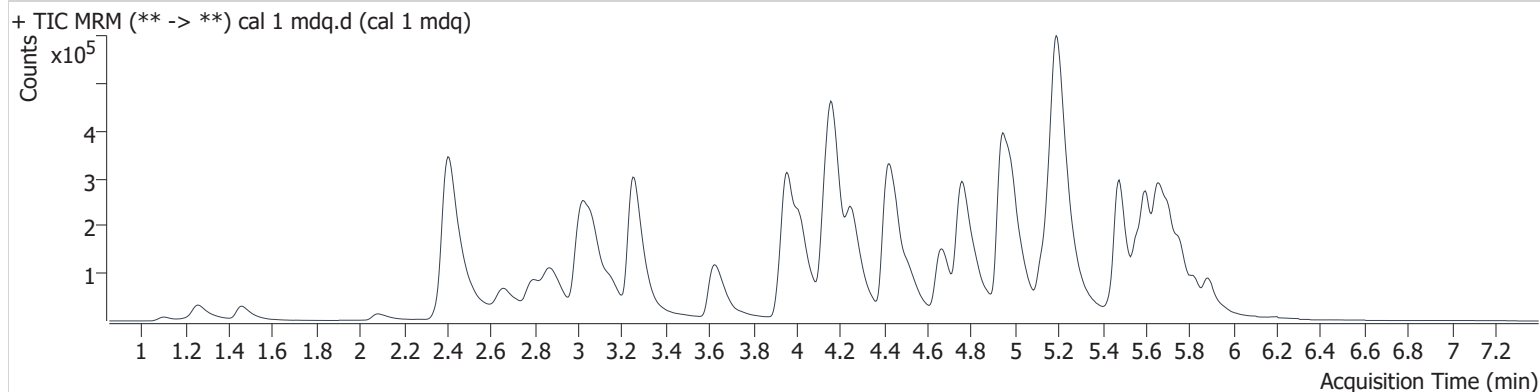
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdqr	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	53.9	107.9
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	521.9	104.4
cal 8 mdq	8	✓	1000.0	813.7	81.4

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 Data File cal 1 mdq.d
Type Cal Sample cal 1 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-A1 Comment
Injection Volume 3
Acq. Date-Time 6/16/2022 4:07:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.013	845	∞	141.9	564.6	49740	0.504 ng/ml
7-aminoclonazepam	4.177	24660	1434.0	67.6	930.8	205049	5.084 ng/ml
a-hydroxyalprazolam	5.633	2754	∞	44.0	∞	325962	4.469 ng/ml
alpha-PHP	4.826	25411	367.6	250.5	662.4	632287	5.076 ng/ml
alpha-PVP	4.267	86469	7146.8	50.2	733.0	632287	5.079 ng/ml
Alprazolam	5.713	25793	2434.8	96.1	168.1	212919	4.929 ng/ml
Amphetamine	2.884	60430	1069.7	259.6	1825.5	420594	4.849 ng/ml
Buprenorphine	5.637	1452	18.6			51173	2.370 ng/ml
Bupropion	4.681	60936	42957.5	79.5	9744.3	604718	4.957 ng/ml
Carisoprodol	5.678	16909	59140.0	74.4	222.8	168921	5.067 ng/ml
Citalopram	5.136	47212	741.0	33.7	18084.1	498871	5.086 ng/ml
Clonazepam	5.555	12663	∞	31.8	9272.7	60634	5.018 ng/ml
Clonazepam	5.501	18607	454.8	38.9	204.2	325962	6.059 ng/ml
Cocaine	4.171	53427	708843.7	48.2	69980.5	807097	5.077 ng/ml
Codeine	2.432	6890	138503.3	89.5	1496.6	70099	5.029 ng/ml
Cyclobenzaprine	5.567	53989	13543.9	12.0	60521.7	368715	4.868 ng/ml
Dextromethorphan	5.174	39966	1166.0	85.8	748.0	342016	5.148 ng/ml
Dextrophan	4.022	46939	985.8	45.5	492.5	464347	5.273 ng/ml
Diazepam	5.886	19882	734.6	98.5	∞	209075	5.058 ng/ml
Dihydrocodeine	2.407	18791	328.0	66.4	848.2	236290	4.876 ng/ml
Diphenhydramine	5.200	153408	3419.4	31.8	1051.4	1751157	5.080 ng/ml
Doxylamine	4.441	191814	4529.6	78.9	6682.7	1492801	5.004 ng/ml
EDDP	5.174	76371	36559.2	40.7	2622.5	780496	5.151 ng/ml
Fentanyl	5.000	6432	11075.1	102.3	∞	439649	0.558 ng/ml
Flualprazolam	5.649	13327	∞	94.9	∞	212919	5.041 ng/ml
Fluoxetine	5.660	71295	248980.6	4.8	3171.5	430206	4.905 ng/ml
Hydrocodone	2.897	18067	926.6	40.0	72.0	232384	5.014 ng/ml
Hydromorphone	1.468	13510	13.1	73.4	18.3	105576	5.143 ng/ml
Ketamine	3.951	56445	5143.3	33.1	445.6	556139	5.021 ng/ml
Lamotrigine	4.162	5287	3812.9	96.2	110.4	420594	5.212 ng/ml
Levetiracetam	2.501	12102	610.2	147.1	1407.9	105576	5.084 ng/ml
Lorazepam	5.686	10002	∞	36.3	∞	194621	5.145 ng/ml
MDA	3.057	75225	2720.0	26.1	153.9	402239	4.801 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDMA	3.159	61796	6522.4	86.2	1224.4	89163	5.178 ng/ml
Meprobamate	4.811	14637	66813.2	33.3	234.2	71715	4.872 ng/ml
Methadone	5.597	87999	864.5	70.3	2984.0	604431	5.151 ng/ml
Methamphetamine	3.079	171478	123.3	41.3	127.3	958514	4.821 ng/ml
Metoprolol	4.239	12042	189.4	97.4	1024.8	571666	4.900 ng/ml
Mirtazapine	4.519	119130	8097.7	56.1	16429.5	604431	4.826 ng/ml
Mitragynine	5.135	14818	21147.7	37.2	25033.4	1623610	5.119 ng/ml
Morphine	1.107	2093	89.8	27.2	22.8	9761	4.910 ng/ml
Nordiazepam	5.835	17983	∞	60.4	10352.0	143049	4.966 ng/ml
Norfentanyl	3.977	1722	47639.5	208.7	106.0	1013924	0.504 ng/ml
Noroxycodone	2.753	17487	732.1	46.2	76.3	83052	5.013 ng/ml
O-desmethyl-tramadol	3.261	138330	17420.8	5.8	633.7	1305855	5.054 ng/ml
Oxazepam	5.692	14603	258.7	74.7	190.6	194621	4.985 ng/ml
Oxycodone	2.675	35265	1680.1	27.3	495.1	254677	5.204 ng/ml
Oxymorphone	1.265	26746	∞	46.8	∞	135033	4.878 ng/ml
Phentermine	3.663	23089	103.3	8.6	93.8	571666	4.789 ng/ml
Promethazine	5.483	109417	1544.3	38.8	3310.2	863267	5.001 ng/ml
Pseudoephedrine	2.420	162141	∞	16.8	906.9	1623610	4.993 ng/ml
Sertraline	5.713	14113	615.5	113.7	34659.1	125803	4.856 ng/ml
Temazepam	5.760	30196	∞	30.4	124.9	325962	5.913 ng/ml
Tramadol	4.157	135475	19765.3	3.3	28.8	1195227	4.923 ng/ml
Trazodone	4.989	34002	∞	78.8	10102.2	436927	5.169 ng/ml
Venlafaxine	4.944	93313	49935.4	31.5	2067.2	1370620	5.205 ng/ml
Zolpidem	4.777	101872	284272.7	29.2	4647.4	1197777	4.982 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results

D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin

Calibration Last Update

6/27/2022 9:24:35 AM

Instrument

69679

Type

Cal

Acq. Method

mdqp1 1-21-21long.m

Sample Position

P2-B1

Injection Volume

3

Acq. Date-Time

6/16/2022 4:16:19 PM

Sample Info.

Data File

cal 2 mdqr.d

Sample

cal 2 mdqr

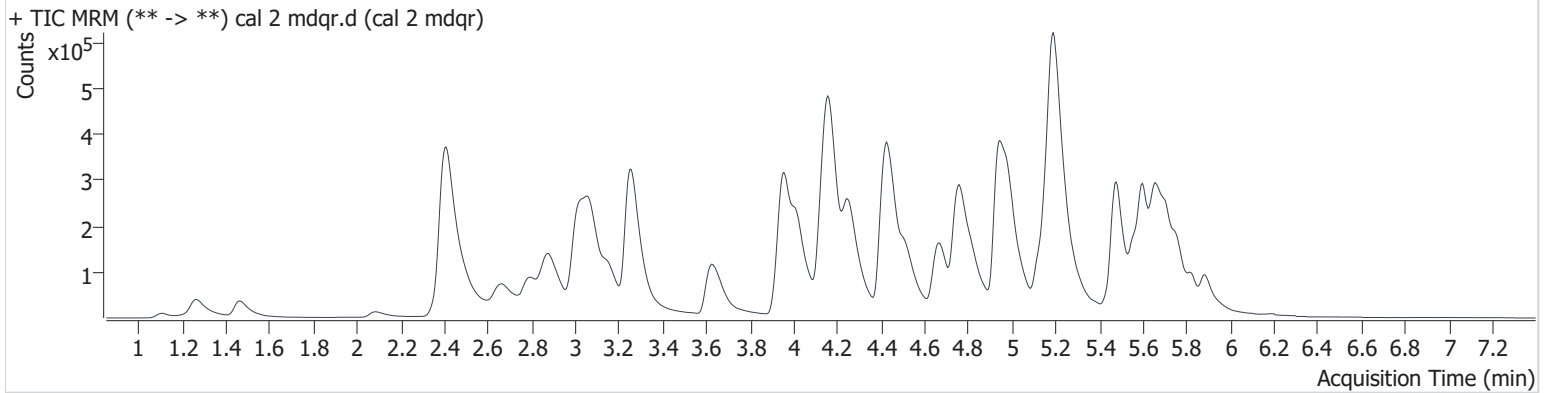
Operator

Anne Nord

Comment

Original injection r is from a previous batch.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.023	1610	1442.4	134.8	328.7	47442	1.004 ng/ml
7-aminoclonazepam	4.177	46908	5478.0	68.1	1974.6	199153	9.917 ng/ml
a-hydroxyalprazolam	5.633	5358	214.5	43.4	∞	299927	12.069 ng/ml
alpha-PHP	4.831	45530	1443.7	245.5	1426.0	599571	9.657 ng/ml
alpha-PVP	4.262	156375	17272.2	52.3	1152.7	599571	9.812 ng/ml
Alprazolam	5.713	48891	747.0	94.3	∞	193455	10.092 ng/ml
Amphetamine	2.879	112270	5085.7	257.0	5515.8	401700	10.425 ng/ml
Benzoylcegonine	3.779	3376	165.3	56.1	193.7	8441	10.030 ng/ml
Bupropion	4.681	126034	3424.0	72.6	1768.9	559053	10.306 ng/ml
Carisoprodol	5.673	30303	∞	77.2	2482.0	159220	9.709 ng/ml
Citalopram	5.130	80904	4383.7	33.3	653.2	434309	9.758 ng/ml
Clonazepam	5.555	23071	3230.7	34.8	10182.6	52697	10.111 ng/ml
Clonazolam	5.501	32072	507.0	42.2	∞	299927	9.781 ng/ml
Cocaine	4.166	95698	93102.9	50.3	40563.9	765629	9.698 ng/ml
Codeine	2.438	12249	33825.5	95.1	2015.9	66712	9.784 ng/ml
Cyclobenzaprine	5.562	98761	25981.3	10.8	475.3	306792	10.545 ng/ml
Dextromethorphan	5.174	74471	1278.1	71.7	29527.5	311488	10.185 ng/ml
Dextrorphan	4.022	85287	4203.2	44.3	∞	426443	10.119 ng/ml
Diazepam	5.891	35416	1469.7	93.6	∞	186782	9.900 ng/ml
Dihydrocodeine	2.417	34885	31.7	70.2	446.1	225996	10.148 ng/ml
Diphenhydramine	5.200	268132	3387.8	31.7	1169.2	1597986	9.768 ng/ml
Doxylamine	4.436	370258	6409.3	78.5	9345.9	1459800	9.910 ng/ml
EDDP	5.168	131608	1393.1	43.3	1232.9	736100	9.468 ng/ml
Fentanyl	4.995	10359	2182.7	112.5	52771.7	402376	0.952 ng/ml
Flualprazolam	5.649	25156	∞	96.3	∞	193455	9.841 ng/ml
Fluoxetine	5.660	123001	115614.7	5.5	6125.0	360924	10.378 ng/ml
Hydrocodone	2.891	31561	713.0	44.2	340.9	207156	9.926 ng/ml
Hydromorphone	1.468	26828	20.8	74.6	34.1	105646	9.733 ng/ml
Ketamine	3.951	104663	1996.0	33.5	939.8	536239	9.868 ng/ml
Lamotrigine	4.168	9673	250.0	83.5	∞	401700	10.272 ng/ml
Levetiracetam	2.496	20894	1215.2	168.2	4504.6	105646	9.391 ng/ml
Lorazepam	5.691	15068	∞	40.2	104.3	170090	9.701 ng/ml
MDA	3.057	141070	2891.4	25.8	286.1	374860	10.412 ng/ml



AM #28 Multi-Drug Quant. Results

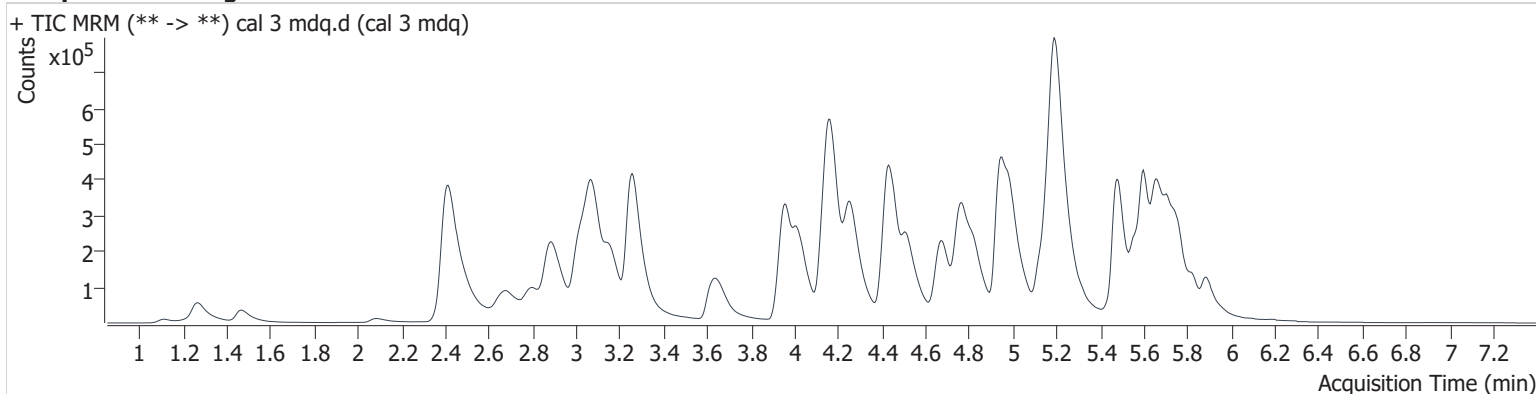
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDMA	3.159	113740	9291.6	87.9	3620.5	93368	9.390 ng/ml
Meprobamate	4.811	25028	333.9	31.5	2782.6	66915	9.968 ng/ml
Methadone	5.602	149993	1057.6	70.5	1011.3	554240	9.482 ng/ml
Methamphetamine	3.079	274572	272.2	40.0	215.1	909260	10.284 ng/ml
Metoprolol	4.239	21579	2254.6	104.1	∞	537336	9.806 ng/ml
Mirtazapine	4.519	227669	7124.0	53.0	46527.2	554240	11.283 ng/ml
Mitragynine	5.135	26745	16996.4	32.4	6601.3	1577435	9.522 ng/ml
Morphine	1.112	5046	7073.6	22.8	73.8	9895	10.440 ng/ml
Nordiazepam	5.835	30968	∞	61.9	∞	128559	9.831 ng/ml
Norfentanyl	3.982	3132	11163.7	205.3	747.3	985433	0.987 ng/ml
Noroxycodone	2.758	33234	30287.8	45.6	319.9	84094	9.836 ng/ml
O-desmethyl-tramadol	3.261	260967	13360.3	6.2	1582.8	1265387	9.863 ng/ml
Oxazepam	5.698	27244	187.4	67.0	640.0	170090	10.378 ng/ml
Oxycodone	2.686	56698	2083.4	37.0	2026.3	248662	8.919 ng/ml
Oxymorphone	1.265	54406	∞	45.0	∞	135107	10.282 ng/ml
Phentermine	3.663	46366	∞	9.4	157.5	537336	10.402 ng/ml
Promethazine	5.477	190301	60272.9	36.9	4734.9	730669	10.109 ng/ml
Pseudoephedrine	2.420	312585	13458.2	16.6	1765.1	1577435	9.946 ng/ml
Sertraline	5.718	25291	884.4	117.5	11414.4	102854	10.490 ng/ml
Temazepam	5.760	55111	∞	31.5	520.9	299927	10.529 ng/ml
Tramadol	4.152	251617	39357.9	4.0	152.2	1136334	10.029 ng/ml
Trazodone	5.000	54544	∞	77.9	54769.6	372934	9.384 ng/ml
Venlafaxine	4.944	169586	6677.5	31.2	1576.0	1285497	9.609 ng/ml
Zolpidem	4.772	188572	16557.9	28.2	2020.9	1077934	10.153 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C1 **Comment**
Injection Volume 3
Acq. Date-Time 6/16/2022 4:25:21 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.033	3545	4812.8	137.5	595.6	43670	2.397 ng/ml
7-aminoclonazepam	4.177	63947	938.9	64.7	670.1	114446	23.469 ng/ml
a-hydroxyalprazolam	5.638	12453	∞	42.5	392.6	376438	24.354 ng/ml
alpha-PHP	4.831	113020	2558.2	252.4	4469.9	578022	24.984 ng/ml
alpha-PVP	4.267	372716	13466.2	53.4	2607.3	578022	24.464 ng/ml
Alprazolam	5.718	135087	1107.2	97.1	∞	208099	25.646 ng/ml
Amphetamine	2.890	253957	5742.3	259.5	10035.7	394930	25.353 ng/ml
Benzoylcegonine	3.790	4128	350.6	58.7	256.1	4743	23.855 ng/ml
Buprenorphine	5.637	5635	31.2	14.4	15.5	45219	4.143 ng/ml
Bupropion	4.681	314191	35940.9	73.1	2347.2	570471	24.264 ng/ml
Carisoprodol	5.667	79242	42059.4	79.3	∞	163494	24.854 ng/ml
Citalopram	5.130	213106	1651.9	34.5	1118.1	452406	24.276 ng/ml
Clonazepam	5.550	57698	∞	36.5	∞	55920	23.325 ng/ml
Clonazepam	5.496	95862	44913.7	35.9	4249.1	376438	20.811 ng/ml
Cocaine	4.166	228269	1004116.0	48.2	160702.9	704583	25.335 ng/ml
Codeine	2.438	27872	4851.1	94.4	1499.4	60448	25.247 ng/ml
Cyclobenzaprine	5.567	234957	136746.4	11.0	673.0	309710	24.674 ng/ml
Dextromethorphan	5.174	165294	3008.6	74.9	1520.3	293090	23.575 ng/ml
Dextrophan	4.028	206378	3551.9	45.8	∞	419495	24.423 ng/ml
Diazepam	5.891	89089	1187.0	91.1	48777.5	189259	24.302 ng/ml
Dihydrocodeine	2.412	78015	493.1	67.6	495.7	204306	26.174 ng/ml
Diphenhydramine	5.200	680230	22575.2	31.9	4127.2	1599899	24.814 ng/ml
Doxylamine	4.436	716328	∞	78.4	14510.2	1107012	25.335 ng/ml
EDDP	5.174	323482	73574.1	42.5	3172.1	694360	24.778 ng/ml
Fentanyl	5.006	27162	7058.6	109.8	210795.0	397530	2.459 ng/ml
Flualprazolam	5.649	69918	33931.0	89.9	141819.6	208099	24.502 ng/ml
Fluoxetine	5.660	267160	238805.8	5.7	∞	330323	25.008 ng/ml
Hydrocodone	2.897	73618	659.2	41.2	281.3	188005	25.675 ng/ml
Hydromorphone	1.473	43668	36.9	75.1	47.8	68352	23.756 ng/ml
Ketamine	3.951	249288	21568.7	34.6	3893.8	509799	25.071 ng/ml
Lamotrigine	4.167	22213	3103.2	90.1	176671.5	394930	24.411 ng/ml
Levetiracetam	2.501	33177	1386.4	169.9	1198.6	68352	24.289 ng/ml
Lorazepam	5.691	38480	∞	50.3	542.3	187739	23.957 ng/ml



AM #28 Multi-Drug Quant. Results

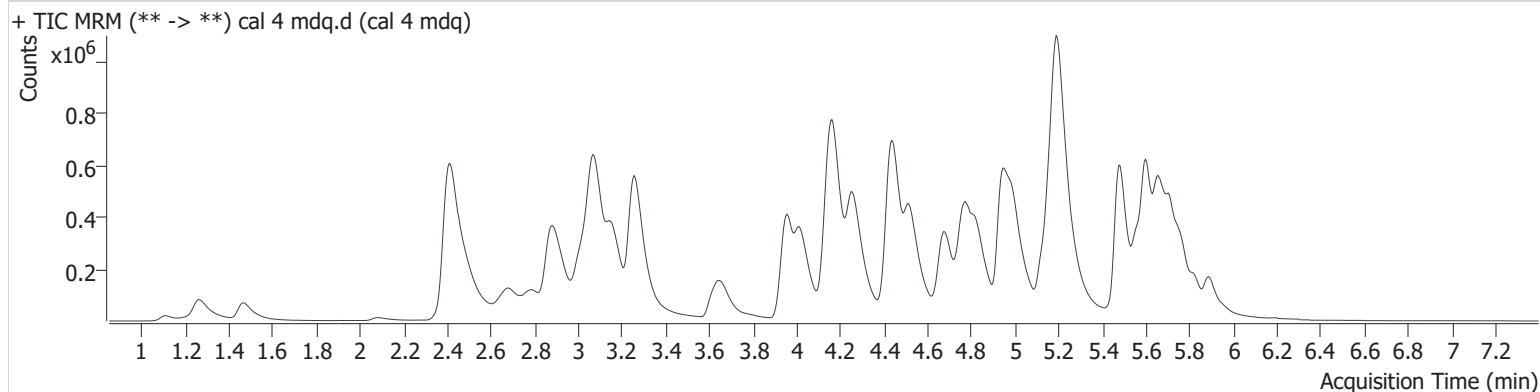
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.057	340737	69975.9	26.4	1254.2	371536	26.438 ng/ml
MDMA	3.164	279854	34557.2	89.8	28284.1	92301	23.938 ng/ml
Meprobamate	4.811	63517	85220.1	33.4	446.0	68624	26.510 ng/ml
Methadone	5.602	403063	2533.8	67.4	3477.0	567581	24.708 ng/ml
Methamphetamine	3.084	593358	548.5	38.9	273.1	879927	26.812 ng/ml
Metoprolol	4.239	54175	6395.7	103.7	∞	485574	28.155 ng/ml
Mirtazapine	4.519	442398	27453.4	55.1	∞	567581	22.424 ng/ml
Mitragynine	5.135	65340	7300.8	35.0	4694.7	1225416	29.981 ng/ml
Morphine	1.117	8151	4979.2	24.6	60.7	6332	24.988 ng/ml
Norbuprenorphine	4.895	733	∞	81.6	717.3	7474	2.573 ng/ml
Nordiazepam	5.835	82239	∞	52.0	∞	130649	26.244 ng/ml
Norfentanyl	3.987	6740	17710.2	224.2	791.1	879571	2.450 ng/ml
Noroxycodone	2.763	71453	1269.7	47.5	265.8	73708	24.835 ng/ml
O-desmethyl-tramadol	3.261	638615	158570.2	6.4	4312.2	1241331	24.641 ng/ml
Oxazepam	5.698	68802	1225.8	74.7	234.0	187739	23.444 ng/ml
Oxycodone	2.691	149975	13267.9	32.8	2169.9	235903	25.839 ng/ml
Oxymorphone	1.265	125789	∞	45.8	∞	127898	25.623 ng/ml
Phentermine	3.663	109397	∞	10.4	410.5	485574	27.400 ng/ml
Promethazine	5.477	458927	100530.7	38.6	3045.4	712399	24.771 ng/ml
Pseudoephedrine	2.420	620473	24897.8	16.6	6959.4	1225416	25.473 ng/ml
Sertraline	5.718	50619	6353.0	113.0	2149.7	82187	26.079 ng/ml
Temazepam	5.760	163714	381447.7	31.9	1249.5	376438	23.253 ng/ml
Tramadol	4.152	644721	24911.3	3.4	356.0	1147993	26.099 ng/ml
Trazodone	4.995	157058	∞	72.6	∞	391690	25.073 ng/ml
Venlafaxine	4.944	419049	17633.8	32.0	1090.5	1281214	23.073 ng/ml
Zolpidem	4.772	419176	∞	29.8	4819.5	983889	24.599 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 Data File cal 4 mdq.d
Type Cal Sample cal 4 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-D1 Comment
Injection Volume 3
Acq. Date-Time 6/16/2022 4:34:23 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.018	7655	∞	139.5	304.3	45602	4.955 ng/ml
7-aminoclonazepam	4.177	158070	3413.9	66.7	5071.2	133739	49.596 ng/ml
a-hydroxyalprazolam	5.638	20966	633.6	51.3	7356.3	308073	52.588 ng/ml
alpha-PHP	4.836	231009	2320.7	247.0	4664.6	577192	51.218 ng/ml
alpha-PVP	4.267	751646	94870.7	52.8	5188.7	577192	49.549 ng/ml
Alprazolam	5.713	246178	928.8	88.6	2245.4	190002	51.014 ng/ml
Amphetamine	2.879	491174	5394.2	251.5	12058.3	376281	52.546 ng/ml
Benzoylcegonine	3.784	14468	1251.9	58.4	∞	7601	54.200 ng/ml
Buprenorphine	5.637	8138	15.2	17.8	14.5	42823	5.348 ng/ml
Bupropion	4.681	646472	∞	72.3	1899.6	563815	49.828 ng/ml
Carisoprodol	5.673	144657	240487.4	74.4	2367.1	143217	51.885 ng/ml
Citalopram	5.130	435895	4289.8	32.3	3484.4	443271	50.394 ng/ml
Clonazepam	5.550	115782	86431.8	30.7	57477.8	50598	51.276 ng/ml
Clonazepam	5.501	181747	53118.9	36.4	10360.5	308073	45.846 ng/ml
Cocaine	4.166	431861	184523.0	51.4	41645.2	700264	48.339 ng/ml
Codeine	2.443	53425	58184.4	98.5	22961.6	57807	51.054 ng/ml
Cyclobenzaprine	5.567	468150	185733.5	11.3	938.8	301452	50.373 ng/ml
Dextromethorphan	5.174	363707	6812.7	72.7	33456.4	303726	49.684 ng/ml
Dextrophan	4.022	429128	9654.5	46.0	181823.4	427585	49.490 ng/ml
Diazepam	5.891	168328	1091.6	93.0	4641.7	174283	49.665 ng/ml
Dihydrocodeine	2.407	163556	531.1	67.3	765.8	210818	53.928 ng/ml
Diphenhydramine	5.200	1347839	50778.3	31.5	9474.3	1620380	48.586 ng/ml
Doxylamine	4.441	1485566	∞	77.4	96928.5	1150709	50.578 ng/ml
EDDP	5.174	623026	22953.5	43.1	9631.2	673909	49.238 ng/ml
Fentanyl	5.011	56413	14185.8	100.4	32019.6	401565	5.013 ng/ml
Flualprazolam	5.654	134883	3606.2	90.6	1881.0	190002	51.118 ng/ml
Fluoxetine	5.660	464498	136980.3	6.3	∞	285517	50.583 ng/ml
Hydrocodone	2.897	147829	1744.1	40.2	710.5	201699	48.148 ng/ml
Hydromorphone	1.468	116826	95.2	74.3	115.8	89727	47.915 ng/ml
Ketamine	3.951	501157	25802.2	32.9	5539.4	510657	50.549 ng/ml
Lamotrigine	4.168	42819	1843.0	96.1	∞	376281	49.709 ng/ml
Levetiracetam	2.496	101755	5737.4	163.3	4413.7	89727	57.891 ng/ml
Lorazepam	5.691	62883	∞	45.6	3352.7	157015	47.908 ng/ml



AM #28 Multi-Drug Quant. Results

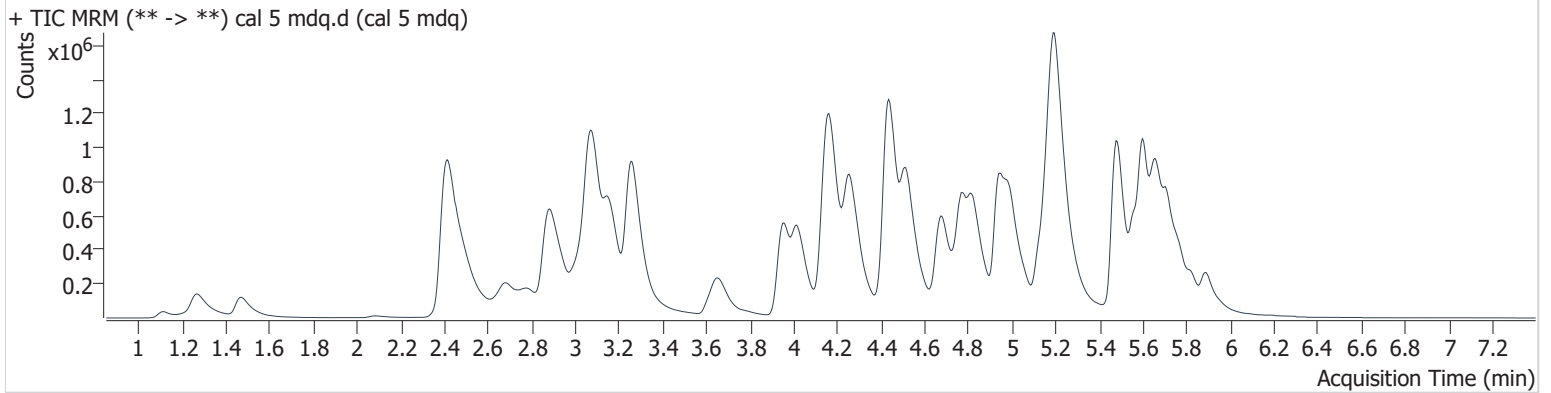
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.057	635855	843829.3	27.1	2638.4	352932	52.653 ng/ml
MDMA	3.164	560367	79834.6	89.2	32738.9	84748	52.655 ng/ml
Meprobamate	4.816	124780	107733.9	32.4	694.9	64833	56.472 ng/ml
Methadone	5.602	812360	67612.1	66.1	7003.7	560740	50.293 ng/ml
Methamphetamine	3.079	1150288	1848.7	39.1	712.2	905590	53.263 ng/ml
Metoprolol	4.234	107179	8270.1	104.8	19002.6	522266	52.219 ng/ml
Mirtazapine	4.519	893641	∞	55.3	199737.7	560740	47.029 ng/ml
Mitragynine	5.135	120359	26716.7	37.0	1399.6	1484683	45.590 ng/ml
Morphine	1.112	20974	19313.5	28.3	2865.2	8118	49.250 ng/ml
Norbuprenorphine	4.906	1363	1659.7	104.5	1021.7	6974	4.719 ng/ml
Nordiazepam	5.835	141460	∞	59.2	∞	115187	51.529 ng/ml
Norfentanyl	3.982	14646	179925.8	209.3	1880.0	926250	5.108 ng/ml
Noroxycodone	2.763	145252	3249.3	44.3	623.6	71317	52.714 ng/ml
O-desmethyl-tramadol	3.261	1244147	416661.1	6.6	8487.6	1200493	49.662 ng/ml
Oxazepam	5.692	119621	2414.7	71.0	14332.7	157015	48.485 ng/ml
Oxycodone	2.686	278267	21789.6	31.7	5731.8	216233	52.858 ng/ml
Oxymorphone	1.265	243956	∞	45.9	∞	123818	51.685 ng/ml
Phentermine	3.663	218587	3606.6	9.9	2092.0	522266	51.032 ng/ml
Promethazine	5.477	902242	23408.6	39.3	4663.2	713392	48.480 ng/ml
Pseudoephedrine	2.415	1477164	∞	16.7	7915.0	1484683	50.090 ng/ml
Sertraline	5.718	78493	1136.7	122.1	3913.4	68415	48.470 ng/ml
Temazepam	5.766	274317	195262.0	32.0	985.6	308073	46.332 ng/ml
Tramadol	4.152	1252909	271133.8	3.8	1191.5	1133737	51.774 ng/ml
Trazodone	4.995	301407	106170.2	72.7	6913.1	391250	47.824 ng/ml
Venlafaxine	4.944	867563	19430.1	32.0	2465.5	1269777	47.645 ng/ml
Zolpidem	4.777	841002	∞	30.8	7711.8	980655	49.425 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E1	Comment	
Injection Volume	3		
Acq. Date-Time	6/16/2022 4:43:25 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.023	14335	19384.0	137.6	1049.6	43007	9.836 ng/ml
7-aminoclonazepam	4.182	321223	12868.7	68.3	4862.2	133939	100.593 ng/ml
a-hydroxyalprazolam	5.633	35566	990.5	50.4	2606603613 878.6	250135	112.432 ng/ml
alpha-PHP	4.831	468850	3850.6	251.7	15880.6	604057	99.398 ng/ml
alpha-PVP	4.267	1544531	187136.3	53.6	9353.1	604057	97.423 ng/ml
Alprazolam	5.713	450900	1339.5	89.4	549.0	169651	104.460 ng/ml
Amphetamine	2.884	944435	15236.6	246.5	27460.2	370643	103.573 ng/ml
Benzoylcegonine	3.784	29352	4808.2	59.2	∞	8694	97.473 ng/ml
Buprenorphine	5.642	21300	120.8	16.8	57.4	43718	10.822 ng/ml
Bupropion	4.681	1344223	∞	70.8	10503.0	588210	98.682 ng/ml
Carisoprodol	5.673	239687	∞	76.5	∞	124807	98.726 ng/ml
Citalopram	5.130	845461	14369.2	33.7	9456.2	438064	98.654 ng/ml
Clonazepam	5.560	196995	∞	32.8	187589.7	43781	100.466 ng/ml
Clonazolam	5.501	342921	14819.9	37.6	3663.9	250135	104.160 ng/ml
Cocaine	4.171	900054	748982.8	49.9	118327.0	709223	99.605 ng/ml
Codeine	2.443	103125	5767.2	94.1	4216.7	56922	100.510 ng/ml
Cyclobenzaprine	5.567	980948	7572.5	11.3	5555.6	312726	101.611 ng/ml
Dextromethorphan	5.174	728469	32295.7	76.0	12247.7	304054	99.072 ng/ml
Dextrorphan	4.022	893013	14048.4	44.8	169007.8	450463	97.447 ng/ml
Diazepam	5.891	331293	∞	91.1	∞	175814	96.720 ng/ml
Dihydrocodeine	2.407	311435	933.5	69.9	1912.0	217009	100.374 ng/ml
Diphenhydramine	5.200	2745358	93205.7	31.4	13974.9	1636528	98.029 ng/ml
Doxylamine	4.441	3131378	163250.5	79.0	96712.8	1232164	99.596 ng/ml
EDDP	5.168	1246455	18186.2	42.8	36686.0	674215	98.530 ng/ml
Fentanyl	5.000	111993	23875.8	103.3	75069.1	407414	9.770 ng/ml
Flualprazolam	5.649	248508	2291.0	90.1	4471.5	169651	104.855 ng/ml
Fluoxetine	5.660	1000834	985247.7	5.9	20342.4	308956	100.995 ng/ml
Hydrocodone	2.891	290983	4754.4	42.1	764.5	198144	96.578 ng/ml
Hydromorphone	1.473	241766	127.6	75.5	220.9	93213	94.973 ng/ml
Ketamine	3.951	1013712	35776.9	34.0	22173.0	518369	100.956 ng/ml
Lamotrigine	4.168	83484	∞	91.9	3339.5	370643	98.699 ng/ml
Levetiracetam	2.501	202979	10480.7	160.7	12459.3	93213	111.947 ng/ml

AM #28 Multi-Drug Quant. Results

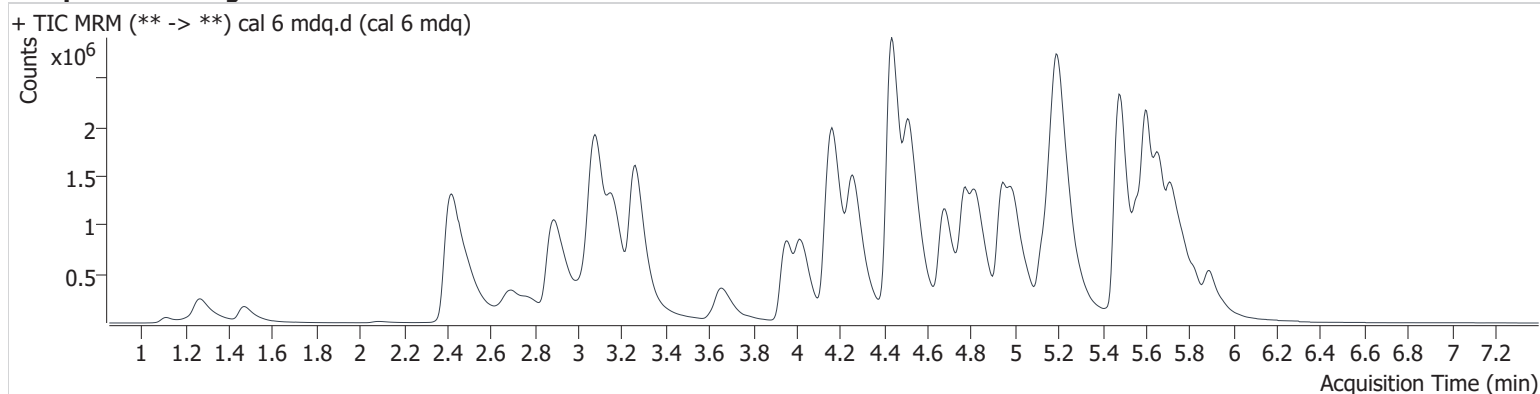
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	86828	∞	45.3	4804733982 776.2	113088	92.902 ng/ml
MDA	3.052	1154667	64629.7	27.6	3344.0	321879	105.573 ng/ml
MDMA	3.159	1150846	43561.6	88.3	37039.5	95282	96.501 ng/ml
Meprobamate	4.816	232112	∞	31.2	1720.7	63228	108.846 ng/ml
Methadone	5.602	1630629	∞	66.9	14474.3	581737	97.209 ng/ml
Methamphetamine	3.079	2264894	3436.7	39.9	1155.9	950744	102.624 ng/ml
Metoprolol	4.234	223692	46039.9	99.2	∞	554638	103.119 ng/ml
Mirtazapine	4.519	1877051	263784.2	54.2	48423.1	581737	96.374 ng/ml
Mitragynine	5.135	240302	144451.4	38.4	∞	1524364	88.668 ng/ml
Morphine	1.112	44493	∞	26.5	3428.3	8943	94.011 ng/ml
Norbuprenorphine	4.906	3137	∞	74.4	5728.3	7585	9.530 ng/ml
Nordiazepam	5.835	266666	7905.4	57.2	∞	109835	102.207 ng/ml
Norfentanyl	3.987	28984	18756.9	215.9	4472.8	942433	9.983 ng/ml
Noroxycodone	2.763	287654	83929.3	46.2	∞	71247	104.976 ng/ml
O-desmethyl-tramadol	3.261	2671714	106990.8	6.4	18036.9	1299598	98.537 ng/ml
Oxazepam	5.698	164692	48169.6	75.4	29601.2	113088	92.469 ng/ml
Oxycodone	2.686	563416	72681.0	26.3	7505.4	217880	106.762 ng/ml
Oxymorphone	1.265	506078	∞	44.3	∞	126826	105.039 ng/ml
Phentermine	3.663	470906	7775.6	8.8	7380.6	554638	103.676 ng/ml
Promethazine	5.477	1955542	70248.9	38.6	89223.7	748832	99.935 ng/ml
Pseudoephedrine	2.420	3030427	44547.5	16.6	5642.8	1524364	100.123 ng/ml
Sertraline	5.718	192679	13254.9	112.9	12232.5	83734	97.085 ng/ml
Temazepam	5.766	453795	165025.8	32.4	4346.0	250135	93.134 ng/ml
Tramadol	4.152	2575815	40658.2	3.8	1752.4	1164737	104.040 ng/ml
Trazodone	4.989	615953	322429.0	75.2	112991.9	382339	99.602 ng/ml
Venlafaxine	4.944	1809770	49210.9	31.0	10480.0	1320575	95.055 ng/ml
Zolpidem	4.777	1739379	176228.7	30.4	18172.9	1003690	99.784 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 Data File cal 6 mdq.d
Type Cal Sample cal 6 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-F1 Comment
Injection Volume 3
Acq. Date-Time 6/16/2022 4:52:29 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.018	26644	27460.2	138.1	1992.9	30899	25.442 ng/ml
7-aminoclonazepam	4.182	464710	26328.4	69.6	40227.8	79171	246.138 ng/ml
a-hydroxyalprazolam	5.633	67329	4121.4	54.7	2322274779	245691	218.869 ng/ml
alpha-PHP	4.831	974776	8353.4	250.6	8443.2	503082	248.247 ng/ml
alpha-PVP	4.267	3256995	∞	53.5	31528.4	503082	246.886 ng/ml
Alprazolam	5.718	1065316	3953.0	96.3	4515.6	159357	262.479 ng/ml
Amphetamine	2.884	1687032	21912.3	237.3	86519.2	286887	240.400 ng/ml
Benzoylcegonine	3.784	39019	3186.4	55.5	936.6	4302	264.782 ng/ml
Buprenorphine	5.642	66330	248.3	16.9	81.7	66666	20.175 ng/ml
Bupropion	4.681	2925319	43896.3	70.2	45628.3	502147	250.578 ng/ml
Carisoprodol	5.673	453583	447800.3	74.1	6161.0	99314	234.901 ng/ml
Citalopram	5.130	1742924	25566.6	34.6	7162.7	349264	254.672 ng/ml
Clonazepam	5.555	439167	73692.9	34.5	20581.8	34858	280.631 ng/ml
Clonazolam	5.507	727456	21374.2	36.8	55479.1	245691	222.874 ng/ml
Cocaine	4.171	1944824	173438.8	50.3	93334.6	610242	250.322 ng/ml
Codeine	2.448	194202	22200.9	94.5	24408.2	41377	261.103 ng/ml
Cyclobenzaprine	5.567	2207019	131122.3	12.5	20465.1	272727	261.938 ng/ml
Dextromethorphan	5.169	1326957	31727.4	77.9	212600.0	210794	259.770 ng/ml
Dextrorphan	4.028	1806984	42494.4	45.5	236548.3	358634	247.175 ng/ml
Diazepam	5.891	845497	9715.9	88.3	2954.1	164294	263.826 ng/ml
Dihydrocodeine	2.412	592678	1832.3	67.1	1666.6	162769	255.787 ng/ml
Diphenhydramine	5.206	5706355	254971.4	30.9	16443.6	1298917	256.785 ng/ml
Doxylamine	4.441	7794262	217834.8	83.2	121742.3	1224512	249.502 ng/ml
EDDP	5.174	2801175	68976.0	42.5	∞	596301	250.463 ng/ml
Fentanyl	5.011	239954	20591.2	109.2	540047.8	349841	24.316 ng/ml
Flualprazolam	5.649	532630	2377.2	91.0	5051.6	159357	238.505 ng/ml
Fluoxetine	5.660	1988438	59179.2	6.5	137829.5	273111	227.335 ng/ml
Hydrocodone	2.891	576513	2128.8	42.4	2298.5	152857	248.199 ng/ml
Hydromorphone	1.473	389420	1408.6	74.7	1522.1	56422	251.926 ng/ml
Ketamine	3.951	2289829	147412.2	34.1	56394.3	464143	255.040 ng/ml
Lamotrigine	4.173	153350	3184.3	91.2	7284.1	286887	234.661 ng/ml
Levetiracetam	2.506	263415	9305.1	165.5	16015.1	56422	240.987 ng/ml



AM #28 Multi-Drug Quant. Results

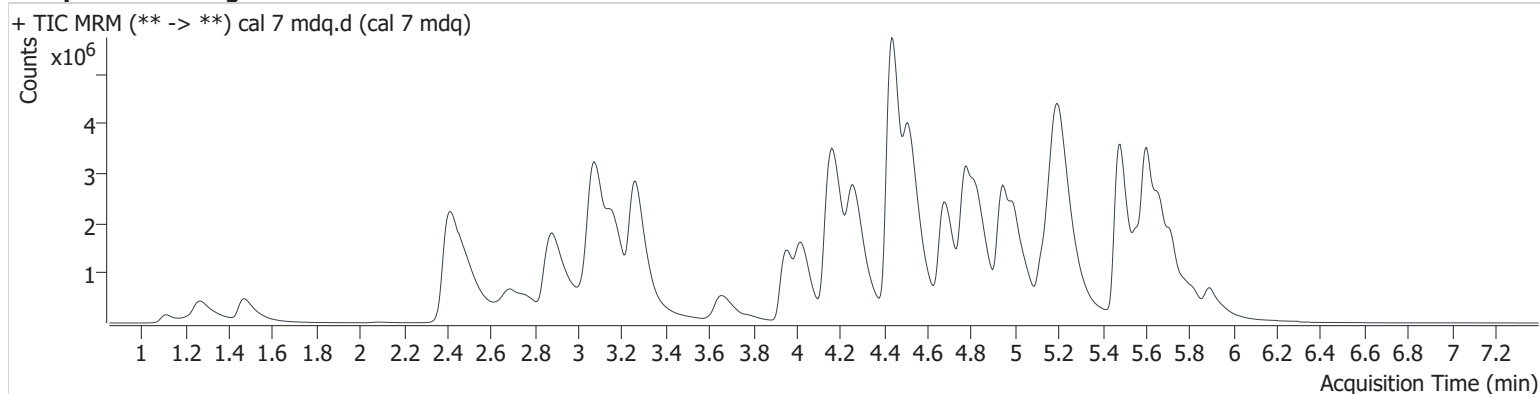
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	135785	∞	46.6	∞	63495	260.813 ng/ml
MDA	3.052	1998081	100477.4	27.0	7042.3	228444	258.473 ng/ml
MDMA	3.164	2332633	50096.2	88.4	50999.6	75251	248.258 ng/ml
Meprobamate	4.816	373855	21609.3	34.2	3547.9	45830	243.396 ng/ml
Methadone	5.602	4077445	65217.0	60.2	22406.7	631783	223.679 ng/ml
Methamphetamine	3.084	4491184	4825.1	39.8	5036.6	784141	251.118 ng/ml
Metoprolol	4.234	446843	194916.0	100.7	∞	450615	254.288 ng/ml
Mirtazapine	4.519	4617494	130056.6	55.6	278315.5	631783	219.728 ng/ml
Mitragynine	5.129	506963	10148.4	38.1	12554.9	1086670	262.440 ng/ml
Morphine	1.112	71014	∞	26.7	2614.7	5451	244.716 ng/ml
Norbuprenorphine	4.906	6686	∞	88.0	4860.4	5211	28.703 ng/ml
Nordiazepam	5.835	594771	∞	59.4	73086.4	92537	271.141 ng/ml
Norfentanyl	3.982	52518	29323.4	236.4	4261.4	677228	25.247 ng/ml
Noroxycodone	2.768	493157	∞	42.5	1418.5	50652	253.833 ng/ml
O-desmethyl-tramadol	3.261	5905469	187259.5	6.3	31649.8	1136990	248.990 ng/ml
Oxazepam	5.698	299726	6660.4	69.5	1294.4	63495	299.204 ng/ml
Oxycodone	2.691	957526	26011.4	30.9	7419.4	179051	221.368 ng/ml
Oxymorphone	1.265	1060514	∞	45.3	∞	106040	263.793 ng/ml
Phentermine	3.663	927032	∞	8.9	∞	450615	251.428 ng/ml
Promethazine	5.477	4372488	100908.8	38.0	35141.0	720377	232.067 ng/ml
Pseudoephedrine	2.420	5437861	97269.5	16.4	14367.0	1086670	252.087 ng/ml
Sertraline	5.718	471299	7008.3	110.7	43010.7	78697	252.465 ng/ml
Temazepam	5.766	1192935	58475.4	31.2	1750.6	245691	247.216 ng/ml
Tramadol	4.152	5551560	337287.8	3.7	2538.3	1026599	255.029 ng/ml
Trazodone	4.995	1466884	∞	73.4	17098.6	333302	271.448 ng/ml
Venlafaxine	4.944	3988779	84325.0	31.2	286369.0	1108745	248.706 ng/ml
Zolpidem	4.772	3920665	412953.0	30.4	43913.8	909845	247.986 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin
Calibration Last Update 6/27/2022 9:24:35 AM

Instrument 69679 Data File cal 7 mdq.d
Type Cal Sample cal 7 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-G1 Comment
Injection Volume 3
Acq. Date-Time 6/16/2022 5:01:31 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.023	64426	34604.7	140.7	3898.9	35609	53.380 ng/ml
7-aminoclonazepam	4.192	876725	84194.8	74.2	30589.0	74240	495.160 ng/ml
a-hydroxyalprazolam	5.633	58254	944.0	52.6	∞	102224	457.678 ng/ml
alpha-PHP	4.836	2016184	13827.3	255.8	18308.6	512548	504.058 ng/ml
alpha-PVP	4.267	6713481	187664.1	53.3	135718.1	512548	499.639 ng/ml
Alprazolam	5.713	1244971	2321.2	93.5	4382.7	99798	489.657 ng/ml
Amphetamine	2.874	2876134	51230.6	228.9	55659.9	219571	536.783 ng/ml
Benzoylcegonine	3.784	160275	210170.8	56.0	3045.2	9956	471.269 ng/ml
Buprenorphine	5.642	75975	321.7	15.7	127.3	28783	50.469 ng/ml
Bupropion	4.681	6638642	223459.7	68.0	260671.0	574355	496.539 ng/ml
Carisoprodol	5.673	521548	∞	71.5	9909.1	51486	521.113 ng/ml
Citalopram	5.125	3014982	36477.5	33.8	9818.2	297242	517.373 ng/ml
Clonazepam	5.550	332312	159492.9	32.3	21283.6	16449	449.791 ng/ml
Clonazepam	5.507	815234	27436.9	37.0	∞	102224	597.259 ng/ml
Cocaine	4.171	4532052	185694.8	47.4	96261.3	678148	525.055 ng/ml
Codeine	2.443	399931	26832.3	97.8	13337.0	44289	502.756 ng/ml
Cyclobenzaprine	5.567	3574888	249094.3	11.7	4860.7	241927	478.189 ng/ml
Dextromethorphan	5.169	2632511	50038.7	76.6	95776.7	220308	492.795 ng/ml
Dextrophan	4.022	3975395	152315.7	45.8	31833.0	391648	497.626 ng/ml
Diazepam	5.891	1248677	2354.5	92.5	163256.2	125979	507.962 ng/ml
Dihydrocodeine	2.386	1425749	2988.7	62.8	2862.5	192167	521.945 ng/ml
Diphenhydramine	5.206	10496439	409512.8	30.9	39434.1	1191227	515.079 ng/ml
Doxylamine	4.436	16229085	212061.7	83.0	161684.1	1258250	505.613 ng/ml
EDDP	5.174	5563323	253248.8	43.4	136487.1	580674	510.894 ng/ml
Fentanyl	5.006	462066	∞	112.5	2021866.9	336563	48.631 ng/ml
Flualprazolam	5.654	702073	6985.3	85.8	∞	99798	501.355 ng/ml
Fluoxetine	5.665	3157716	142107.9	6.4	239029.6	198761	496.388 ng/ml
Hydrocodone	2.891	1591901	∞	38.8	3785.4	184127	569.083 ng/ml
Hydromorphone	1.473	1310931	2569.7	72.6	2300.6	87175	548.329 ng/ml
Ketamine	3.951	4510869	159347.0	37.7	34270.6	461392	505.640 ng/ml
Lamotrigine	4.178	258412	5821.5	88.0	∞	219571	517.035 ng/ml
Levetiracetam	2.501	700950	61680.7	168.1	697760.0	87175	415.663 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.691	98697	9784836859 85.0	49.8	1078.5	21697	556.064 ng/ml
MDA	3.042	2627767	43303.4	29.3	11616.6	159347	487.989 ng/ml
MDMA	3.164	4546717	77689.2	79.9	109421.3	77380	470.927 ng/ml
Meprobamate	4.816	559957	1087701.3	29.7	2690.4	38060	439.980 ng/ml
Methadone	5.602	7724686	195539.2	62.0	48355.5	517733	516.965 ng/ml
Methamphetamine	3.079	8689420	8024.5	38.3	5355.2	766237	500.266 ng/ml
Metoprolol	4.234	727865	53602.7	106.5	∞	455274	410.286 ng/ml
Mirtazapine	4.519	9194911	185869.6	50.2	152376.5	517733	535.550 ng/ml
Mitragynine	5.129	911471	18598.5	37.7	23718.7	1072939	477.893 ng/ml
Morphine	1.112	243838	∞	25.7	∞	8175	559.102 ng/ml
Norbuprenorphine	4.900	20164	∞	94.4	12651.4	9887	45.380 ng/ml
Nordiazepam	5.835	712164	18157.3	54.6	∞	58432	514.464 ng/ml
Norfentanyl	3.982	94622	∞	268.6	34144.7	660470	46.683 ng/ml
Noroxycodone	2.763	1136925	∞	40.4	4204.8	72277	410.403 ng/ml
O-desmethyl-tramadol	3.261	12035988	6105168.4	6.1	58879.0	1130202	510.541 ng/ml
Oxazepam	5.692	160877	832.7	72.1	461.9	21697	469.837 ng/ml
Oxycodone	2.686	2207874	97375.4	37.4	28977.6	196657	465.333 ng/ml
Oxymorphone	1.265	2118232	∞	43.9	∞	132694	421.267 ng/ml
Phentermine	3.658	1747701	∞	7.4	∞	455274	469.287 ng/ml
Promethazine	5.483	9181588	64541.7	36.8	64346.2	674251	520.447 ng/ml
Pseudoephedrine	2.415	10638433	∞	16.7	6449.3	1072939	499.523 ng/ml
Sertraline	5.718	701876	13507.7	114.8	25933.8	57212	517.032 ng/ml
Temazepam	5.776	953783	12121.0	32.0	15913.2	102224	473.931 ng/ml
Tramadol	4.146	10766303	∞	3.6	15857.9	1058938	479.862 ng/ml
Trazodone	4.995	2595886	1972916.6	76.8	160085.4	365403	437.938 ng/ml
Venlafaxine	4.944	8438017	335945.3	32.8	32902.3	1087375	535.874 ng/ml
Zolpidem	4.777	9931962	513585.8	29.5	92061.4	1067317	535.418 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results

D:\MassHunter\Data\2022\am 27-28\061622\QuantResults\mdq.batch.bin

Calibration Last Update

6/27/2022 9:24:35 AM

Instrument

69679

Type

Cal

Acq. Method

mdqp1 1-21-21long.m

Sample Position

P2-H1

Injection Volume

3

Acq. Date-Time

6/16/2022 5:19:31 PM

Sample Info.

Data File

cal 8 mdq.d

Sample

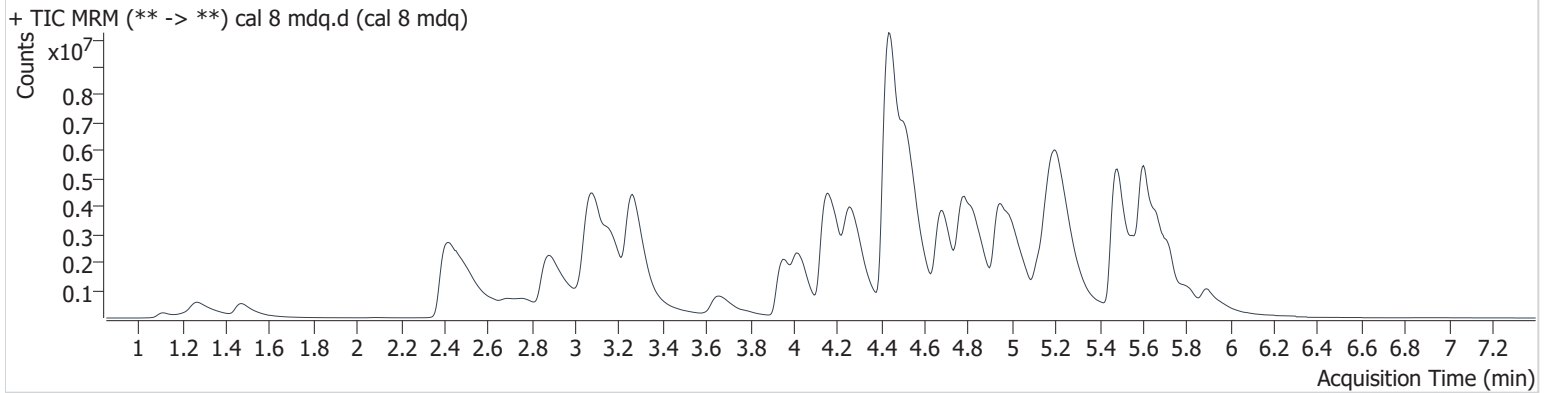
cal 8 mdq

Operator

Anne Nord

Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.023	60575	8168.7	139.0	4089.1	18419	97.029 ng/ml
7-aminoclonazepam	4.197	948323	6466.6	64.5	∞	36820	1079.892 ng/ml
a-hydroxyalprazolam	5.628	61320	235.1	52.5	197.4	51536	958.159 ng/ml
alpha-PHP	4.836	3127574	25398.2	260.9	42416.7	400690	1000.265 ng/ml
alpha-PVP	4.267	11263183	139521.9	52.9	245369.8	400690	1072.407 ng/ml
Alprazolam	5.713	1868156	485.3	91.1	∞	82834	885.096 ng/ml
Amphetamine	2.874	3710269	203131.4	234.4	163603.6	178642	851.726 ng/ml
Benzoylcegonine	3.790	182679	4659.1	56.9	3721.4	5454	982.407 ng/ml
Buprenorphine	5.637	102270	263.7	14.5	86.3	18589	103.187 ng/ml
Bupropion	4.681	10479684	173691.8	67.8	30751.4	437393	1028.592 ng/ml
Carisoprodol	5.678	600592	1237820.0	68.4	10109.1	30445	1014.882 ng/ml
Citalopram	5.125	4056048	52693.5	35.1	2298034.1	209303	988.218 ng/ml
Clonazepam	5.550	237153	13430.2	30.3	∞	6394	825.457 ng/ml
Clonazepam	5.517	642881	∞	38.2	∞	51536	933.210 ng/ml
Cocaine	4.171	5803415	154180.4	49.7	434891.9	461963	987.095 ng/ml
Codeine	2.448	451926	41231.4	97.3	17871.4	27074	929.744 ng/ml
Cyclobenzaprine	5.562	5206998	264879.5	11.5	5526.0	175987	957.345 ng/ml
Dextromethorphan	5.169	3732193	26060.6	75.2	35812.6	153901	999.770 ng/ml
Dextrophan	4.022	6221796	234210.1	46.1	1169413.1	302371	1008.447 ng/ml
Diazepam	5.896	2177105	∞	91.5	∞	112165	994.540 ng/ml
Dihydrocodeine	2.396	1698467	2682.3	66.9	408.7	146915	813.707 ng/ml
Diphenhydramine	5.219	15101010	535879.9	31.7	∞	878134	1005.283 ng/ml
Doxylamine	4.441	31501070	578436.9	87.9	791573.4	1262776	977.922 ng/ml
EDDP	5.174	11306957	254092.9	42.5	90977.9	580793	1038.203 ng/ml
Fentanyl	5.011	748232	∞	120.1	∞	258962	102.302 ng/ml
Flualprazolam	5.649	820013	∞	82.1	1093.7	82834	705.264 ng/ml
Fluoxetine	5.665	4770074	∞	6.3	∞	141023	1057.164 ng/ml
Hydrocodone	2.891	2051996	∞	43.2	6917.6	147177	917.792 ng/ml
Hydromorphone	1.473	1427214	1441.0	74.4	1895.0	50242	1035.371 ng/ml
Ketamine	3.951	7351164	269777.4	34.3	∞	398535	954.189 ng/ml
Lamotrigine	4.188	258913	8314.4	93.4	389555.5	178642	636.798 ng/ml
Levetiracetam	2.511	790455	56260.5	159.2	99119.7	50242	814.128 ng/ml
Lorazepam	5.691	101552	∞	47.1	11516.5	8136	1527.836 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.037	3111526	8463082.6	24.8	7723.4	112032	822.365 ng/ml
MDMA	3.164	6621399	2258673.2	86.9	430935.2	47622	1114.890 ng/ml
Meprobamate	4.816	543633	1361518.0	29.1	3313.7	18151	896.983 ng/ml
Methadone	5.602	13357879	400136.2	60.1	255166.6	410741	1126.697 ng/ml
Methamphetamine	3.079	13424609	10919.1	35.9	351.4	708098	838.433 ng/ml
Metoprolol	4.229	953970	197798.5	100.6	153174.1	379512	645.381 ng/ml
Mirtazapine	4.524	15718387	220779.0	54.9	2706324.2	410741	1155.286 ng/ml
Mitragynine	5.129	1483927	105926.6	39.6	18379.9	817802	1020.787 ng/ml
Morphine	1.112	270308	∞	26.3	∞	5318	952.202 ng/ml
Norbuprenorphine	4.900	17011	∞	84.5	15337.0	3698	101.836 ng/ml
Nordiazepam	5.835	590967	∞	60.9	12811.7	30894	807.646 ng/ml
Norfentanyl	3.982	133227	∞	220.3	9412.0	409426	106.096 ng/ml
Noroxycodone	2.768	1238421	∞	38.0	∞	29936	1080.103 ng/ml
O-desmethyl-tramadol	3.261	21933750	226644.3	6.1	∞	1029405	1021.509 ng/ml
Oxazepam	5.692	127989	14923.4	74.0	8407.3	8136	996.567 ng/ml
Oxycodone	2.696	2836204	20820.1	31.8	∞	107638	1092.855 ng/ml
Oxymorphone	1.265	3105579	∞	46.0	∞	82861	989.541 ng/ml
Phentermine	3.658	2807001	∞	7.7	3643.4	379512	904.333 ng/ml
Promethazine	5.483	15526177	1915126.8	35.4	5351377.1	559752	1059.943 ng/ml
Pseudoephedrine	2.420	15866345	8570.3	16.2	46666.6	817802	977.456 ng/ml
Sertraline	5.718	1244785	26005.0	117.2	67469.5	55066	952.590 ng/ml
Temazepam	5.781	1056350	1085390.6	30.0	3414.6	51536	1039.691 ng/ml
Tramadol	4.141	16620138	∞	3.6	43064.6	859742	912.791 ng/ml
Trazodone	5.000	4148957	66084.6	74.5	110759.8	230134	1110.790 ng/ml
Venlafaxine	4.949	14710389	167215.6	30.0	163226.5	918759	1105.127 ng/ml
Zolpidem	4.777	14504850	7696233.6	30.0	279101.5	873734	955.109 ng/ml