









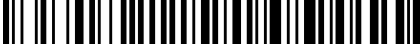


Worklist: 6291

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
C2023-0468	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0550	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0585	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0599	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0619	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0623	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0623	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0623		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0627	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0636	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0642	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 3/24/23

Analyst: Anne Nord

Plate lot#: 230117 Item: IDP-121-3CDA Plate re-test: 7/17/2023

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

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

Blank Blood Lot: 22B52016-1 **Urine Blank lot** 12522

Column: Agilent 120 EC-C18 (2.1x 100-2.7um) **LCMS-QQQ ID:** 69679

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

COMMENTS:

7-aminoclonazepam 5-250 cal 7 and 8 dropped due to accuracy
Alpha-hydroxyalprazolam 5-500 cal 8 dropped due to accuracy
Amphetamine 5-250 cal 7 and 8 dropped due to accuracy
Buprenorphine 2.5-100 cal 1 and 2 dropped due to poor response and peak shape in qualifier ion, ratios out.
Chlordiazepoxide not evaluated ratio out in 1000 QC
Dihydrocodeine 5-500 cal 8 dropped due to accuracy
DMT – Not evaluated lowering ratios
Duloxetine 25-1000 poor peak shape and response for qualifier at low levels QC 10 ratio out.
Lorazepam 5-250 cal 7 and 8 dropped due to accuracy
MDA 5-250 cal 7 and 8 dropped due to accuracy
Methamphetamine 5-250 cal 7 and 8 dropped due to accuracy
Norhydrocodone not evaluated ratios
Phentermine not evaluated ratio ~~out for QC 1000~~ out for QC 1000 ✖
Oxycodone 5-500 cal 8 dropped due to accuracy
Trazodone 5-250 cal 7 and 8 dropped due to accuracy

3/29/23

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	550-1	623-3								
B	IS + Cal. 2	IS + QC_2	619-2									
C	IS + Cal. 3	IS + QC 3	636-1		585-1							
D	IS + Cal. 4	IS + QC_4	627-1									
E	IS + Cal. 5	IS + QC_2	642-1									
F	IS + Cal. 6	negative blood	negative urine									
G	IS + Cal. 7	468-1	623-1									
H	IS + Cal. 8	599-1	623-2									

blank in front

plate position 2

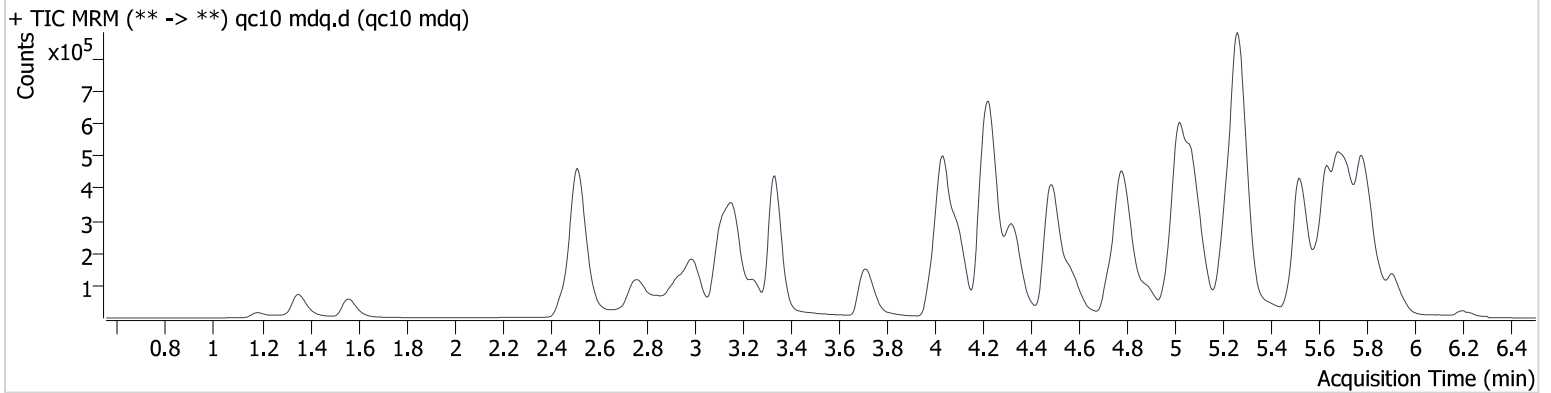
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AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 1:14:45 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	2549	1198.1	132.63	462.3	64104	1.008 ng/ml
7-aminoclonazepam	4.221	28260	955.7	117.88	2082.5	136558	10.914 ng/ml
a-hydroxyalprazolam	5.655	11797	∞	79.64	∞	789848	10.680 ng/ml
alpha-PHP	4.900	55649	3081.0	244.62	5420.7	632474	10.064 ng/ml
alpha-PVP	4.331	180662	40416.4	54.59	5388.4	632474	10.503 ng/ml
Alprazolam	5.739	112434	1543.1	96.84	∞	236983	9.954 ng/ml
Amphetamine	3.000	121339	5235.9	292.76	∞	325786	10.342 ng/ml
Benzoylcegonine	3.838	3808	2714.6	44.32	104.2	13217	9.449 ng/ml
Buprenorphine	5.643	7491	311.5	12.35	8947.7	91327	0.729 ng/ml
Bupropion	4.751	162148	25903.7	77.73	1795.7	486096	10.488 ng/ml
Carisoprodol	5.695	74809	∞	59.46	2293.3	246806	9.917 ng/ml
Chlorpheniramine	5.084	288065	2033.9	0.33	357.2	1114226	9.234 ng/ml
Citalopram	5.206	158741	3834.2	37.22	2882.0	562696	10.031 ng/ml
Clonazepam	5.582	56272	1453.3	32.74	∞	96399	10.641 ng/ml
Clonazolam	5.524	57849	2432.8	40.49	4618.1	166280	10.570 ng/ml
Cocaine	4.236	130447	6764.7	51.36	9042.5	992350	10.039 ng/ml
Codeine	2.523	19441	3036.6	89.66	1731.6	69596	10.756 ng/ml
Cyclobenzaprine	5.600	157262	47970.9	7.68	8619.3	450423	10.242 ng/ml
Dextromethorphan	5.244	108826	6393.3	73.41	18383.8	471914	10.122 ng/ml
Dextrorphan	4.105	129068	5423.8	46.52	3738.2	635725	9.804 ng/ml
Diazepam	5.911	61704	3931.1	86.42	2041.4	221110	9.852 ng/ml
Dihydrocodeine	2.492	47205	828.8	63.84	607.5	290320	10.801 ng/ml
Diphenhydramine	5.271	553399	11754.6	33.61	7233.7	1914803	9.825 ng/ml
Doxylamine	4.497	384062	∞	98.73	6947.2	1195160	9.225 ng/ml
Duloxetine	5.641	24354	128.1	8.36 Low	31.2	67525	9.502 ng/ml
EDDP	5.239	152735	7324.8	40.77	13115.8	701761	10.089 ng/ml
Etizolam	5.779	11193	26441.8	387.93	∞	221110	11.701 ng/ml
Fentanyl	5.051	14418	667.2	120.42	2668.1	645201	0.981 ng/ml
Flualprazolam	5.676	40639	∞	101.12	∞	166280	10.172 ng/ml
Fluorofentanyl	5.102	13128	405.2	118.50	220.9	6595	0.930 ng/ml
Fluoxetine	5.693	171585	4705.3	6.08	3520.9	546033	9.917 ng/ml
Hydrocodone	2.972	56198	572.1	40.12	591.8	279474	10.270 ng/ml
Hydromorphone	1.567	50836	4766.0	74.42	1243.5	147144	10.035 ng/ml

AM #28 Multi-Drug Quant. Results

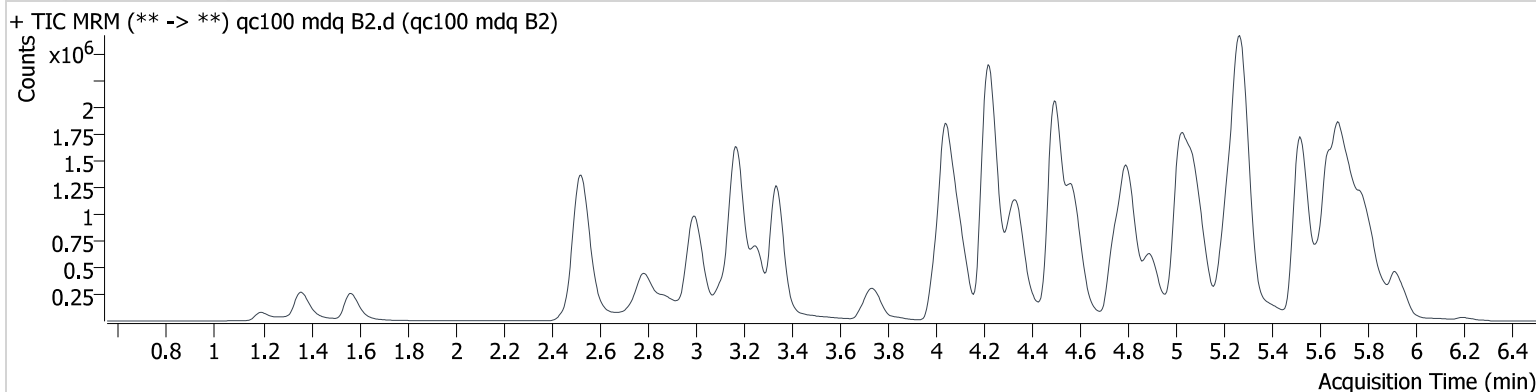
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	142944	1274.1	117.12	1788.9	1396317	10.700 ng/ml
Ketamine	4.004	144289	4948.3	36.66	2409.3	477923	10.450 ng/ml
Lamotrigine	4.264	10819	524.2	101.47	1366.0	546033	8.850 ng/ml
Lorazepam	5.713	25960	∞	45.35	151.3	318038	10.530 ng/ml
MDA	3.162	181878	15602.7	32.31	∞	433722	10.248 ng/ml
MDMA	3.253	104270	6197.0	116.95	7765.3	125790	9.617 ng/ml
Meprobamate	4.875	54544	3830.0	32.66	1385.7	160378	10.046 ng/ml
Methadone	5.635	249133	3302.7	53.61	4545.4	775886	10.327 ng/ml
Methamphetamine	3.173	316171	2933.2	39.49	2074.1	912170	9.685 ng/ml
Metoprolol	4.298	38318	2163.4	100.65	3500.3	433722	9.114 ng/ml
Mirtazapine	4.574	261820	4465.6	48.82	4185.7	125790	10.231 ng/ml
Mitragynine	5.184	45654	1756.6	27.86	8702.8	1396317	9.988 ng/ml
Morphine	1.186	9873	∞	18.53	∞	12336	9.733 ng/ml
Norbuprenorphine	4.968	1238	2640.6	111.00	3771.1	17941	0.950 ng/ml
Nordiazepam	5.860	54515	913.3	63.06	492343.5	166280	9.901 ng/ml
Norfentanyl	4.050	3389	1645.5	280.25	313.6	1000296	0.958 ng/ml
Noroxycodone	2.869	44668	337.4	50.00	385.7	160644	9.916 ng/ml
O-desmethyl-tramadol	3.340	290721	10873.0	6.59	3187.4	1305462	9.367 ng/ml
O-Desmethylvenlafaxine	4.043	84066	609.9	247.13	464.0	254678	9.741 ng/ml
Olanzapine	4.347	85297	512.2	45.21	222.6	189643	10.182 ng/ml
Oxazepam	5.725	59406	1033.2	74.04	945.5	318038	9.823 ng/ml
Oxycodone	2.782	113720	3849.3	31.62	1396.7	393834	9.800 ng/ml
Oxymorphone	1.354	75614	∞	45.68	∞	245035	10.200 ng/ml
Promethazine	5.526	197564	8316.8	41.71	∞	935298	9.490 ng/ml
Pseudoephedrine	2.526	404442	62129.0	17.65	5032.6	1396317	9.994 ng/ml
Quetiapine	5.497	205817	2180.4	67.04	155301.6	284625	10.094 ng/ml
Sertraline	5.760	55179	2201.0	97.01	4931.3	199308	10.520 ng/ml
Temazepam	5.787	163783	4551.4	29.74	201.3	789848	10.014 ng/ml
Tramadol	4.212	318957	∞	3.19	246.9	1256219	10.307 ng/ml
Trazodone	5.020	159486	9718.6	78.16	3788.6	667922	10.401 ng/ml
Venlafaxine	5.017	221675	6423.1	46.52	1814.0	1152206	10.143 ng/ml
Zolpidem	4.800	295879	14333.2	27.11	4724.9	1343080	9.673 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 AM

Instrument	69679	Data File	qc100 mdq B2.d
Type	QC	Sample	qc100 mdq B2
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	3/24/2023 4:00:11 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	26440	52509.9	135.90	∞	67438	9.686 ng/ml
7-aminoclonazepam	4.221	277135	33566.6	114.44	2730.8	137663	109.239 ng/ml
a-hydroxyalprazolam	5.655	74826	∞	67.88	1093.9	476513	120.725 ng/ml
alpha-PHP	4.895	564917	17730.7	244.74	9065.7	624342	98.333 ng/ml
alpha-PVP	4.331	1781531	102762.1	55.12	46509.2	624342	103.677 ng/ml
Alprazolam	5.744	995749	3494.1	90.97	8511.5	183951	114.611 ng/ml
Amphetamine	3.000	1048678	26009.6	260.12	52827.7	307858	106.186 ng/ml
Benzoylcegonine	3.838	42346	178587.7	41.56	∞	14483	98.355 ng/ml
Buprenorphine	5.643	52878	8048.0	14.00	3811.6	75181	10.487 ng/ml
Bupropion	4.751	1642464	5912407.0	75.38	39144.1	490269	110.034 ng/ml
Carisoprodol	5.695	506772	618578.2	62.05	7215.5	161234	103.675 ng/ml
Chlorpheniramine	5.084	3040601	∞	0.33	1720.3	1137534	99.166 ng/ml
Citalopram	5.200	1397450	99434.6	39.21	2119735.2	482663	102.368 ng/ml
Clonazepam	5.582	375159	∞	33.76	341679.4	68343	100.466 ng/ml
Clonazolam	5.529	461233	234822.3	39.84	11354.4	124474	108.074 ng/ml
Cocaine	4.236	1305697	158335.9	48.95	86205.0	986939	101.310 ng/ml
Codeine	2.528	154679	36041.4	93.15	∞	60467	106.715 ng/ml
Cyclobenzaprine	5.606	1345964	953198.2	8.90	∞	403593	99.741 ng/ml
Dextromethorphan	5.239	999712	39597.7	72.64	54282.7	430028	99.203 ng/ml
Dextrorphan	4.105	1312720	52110.9	45.18	291960.5	618465	96.748 ng/ml
Diazepam	5.917	640967	6551.2	87.77	7753.5	224891	98.412 ng/ml
Dihydrocodeine	2.487	439958	913.9	61.97	3337.3	302094	107.732 ng/ml
Diphenhydramine	5.278	5317950	422541.0	31.97	∞	1777568	100.675 ng/ml
Doxylamine	4.497	4353035	2911142.0	93.72	394111.9	1318949	98.390 ng/ml
Duloxetine	5.631	167696	1414.7	10.25	5112.4	45915	100.943 ng/ml
EDDP	5.234	1474697	115866.2	43.83	1999479.6	696612	98.927 ng/ml
Etizolam	5.785	106955	34788.6	381.44	∞	224891	110.672 ng/ml
Fentanyl	5.051	131586	12489.7	128.01	∞	583155	9.824 ng/ml
Flualprazolam	5.676	307224	17032.1	99.68	∞	124474	98.518 ng/ml
Fluorofentanyl	5.107	127558	70887.1	119.18	856.8	5875	9.627 ng/ml
Fluoxetine	5.693	1137297	∞	6.83	59360.0	375227	96.710 ng/ml
Hydrocodone	2.977	530649	31426.0	38.25	3360.0	281681	102.307 ng/ml
Hydromorphone	1.567	531557	5813.5	73.83	10560.9	151927	101.826 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	1278371	6607.9	114.95	350606.7	1306729	100.015 ng/ml
Ketamine	4.004	1411318	110165.7	37.58	45951.6	487524	106.706 ng/ml
Lamotrigine	4.264	99821	27926.6	99.68	∞	375227	113.023 ng/ml
Lorazepam	5.723	111913	∞	48.84	∞	126111	103.130 ng/ml
MDA	3.162	1377520	63953.0	29.44	15741.3	349788	101.136 ng/ml
MDMA	3.258	1077694	128507.1	109.87	98586.7	126358	99.980 ng/ml
Meprobamate	4.875	437884	60896.8	32.05	4076.6	138663	104.577 ng/ml
Methadone	5.635	2426315	84279.6	52.06	1156662.6	778195	100.462 ng/ml
Methamphetamine	3.173	2500398	1023885.3	41.59	103689.8	991926	103.263 ng/ml
Metoprolol	4.298	348735	∞	97.14	∞	349788	101.496 ng/ml
Mirtazapine	4.574	2746864	209648.2	49.34	617818.0	126358	100.069 ng/ml
Mitragynine	5.179	409399	30335.9	33.60	6756.5	1306729	91.578 ng/ml
Morphine	1.191	104972	∞	18.25	∞	11791	108.007 ng/ml
Norbuprenorphine	4.968	11965	22677.5	101.28	66387.0	18205	9.889 ng/ml
Nordiazepam	5.871	414920	6031.9	60.79	184448.0	124474	98.486 ng/ml
Norfentanyl	4.056	29996	41517.5	283.42	8062.7	880984	9.508 ng/ml
Noroxycodone	2.869	394681	2756.4	49.85	10503.8	146567	95.120 ng/ml
O-desmethyl-tramadol	3.340	3157817	∞	6.38	26830.2	1394079	99.540 ng/ml
O-Desmethylvenlafaxine	4.049	861085	10102.8	243.44	60928.6	262324	100.096 ng/ml
Olanzapine	4.347	906212	6000.4	45.87	1391.2	201058	102.139 ng/ml
Oxazepam	5.730	243765	160726.7	76.36	3004.3	126111	98.303 ng/ml
Oxycodone	2.782	1108063	322130.2	31.05	19625.3	413532	101.229 ng/ml
Oxymorphone	1.359	784160	∞	46.25	∞	253064	104.052 ng/ml
Promethazine	5.526	1931272	3333510.9	39.00	51740.2	884678	93.434 ng/ml
Pseudoephedrine	2.526	3878763	∞	17.11	∞	1306729	100.529 ng/ml
Quetiapine	5.497	2066689	782527.7	63.93	83172.8	282924	106.455 ng/ml
Sertraline	5.760	351796	∞	98.66	78923.0	132515	99.514 ng/ml
Temazepam	5.797	1031675	214811.2	29.87	836.5	476513	101.669 ng/ml
Tramadol	4.212	3128445	∞	3.44	∞	1312650	103.304 ng/ml
Trazodone	5.030	1436705	50334.4	83.15	62838.3	656170	99.999 ng/ml
Venlafaxine	5.017	2310502	66105.3	44.52	16615.5	1156115	101.927 ng/ml
Zolpidem	4.805	3140520	68588.7	28.10	68682.0	1373914	101.095 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results

D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin

Calibration Last Update

3/27/2023 9:30:10 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

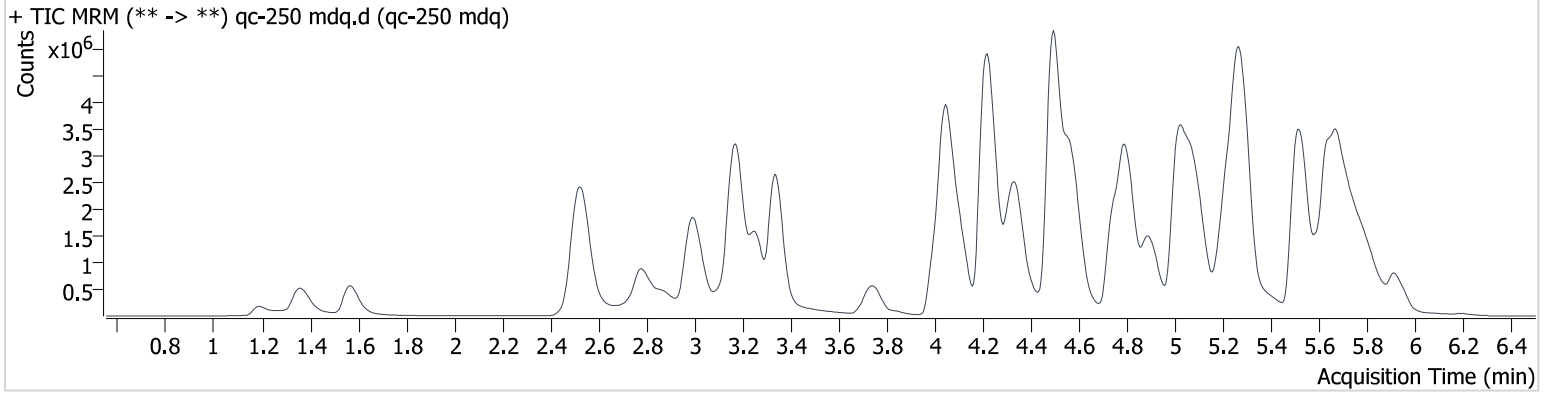
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Acq. Date-Time

3/24/2023 1:23:28 PM

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	67607	133008.3	134.73	∞	66681	25.004 ng/ml
7-aminoclonazepam	4.216	488682	29103.4	116.33	165590.6	117534	225.989 ng/ml
a-hydroxyalprazolam	5.660	80742	846.4	69.86	189.5	254640	244.680 ng/ml
alpha-PHP	4.895	1532477	115574.4	250.94	171977.9	636672	260.665 ng/ml
alpha-PVP	4.326	4618233	687137.2	54.55	265131.2	636672	263.342 ng/ml
Alprazolam	5.739	1848907	∞	92.92	99590.8	144282	271.456 ng/ml
Amphetamine	3.000	2148865	31973.0	250.05	6686716.8	331467	203.376 ng/ml
Benzoylcegonine	3.843	124603	8069.1	43.54	1172.7	17210	243.942 ng/ml
Buprenorphine	5.638	110030	21208.3	13.31	7718.8	66504	25.426 ng/ml
Bupropion	4.746	4395656	262746.4	71.31	95294.7	550256	263.095 ng/ml
Carisoprodol	5.700	743597	∞	61.75	5295.2	97082	252.776 ng/ml
Chlorpheniramine	5.084	8317359	71668.5	0.34	2999.9	1248052	247.832 ng/ml
Citalopram	5.195	3009535	187924.4	38.62	∞	443158	240.029 ng/ml
Clonazepam	5.577	551278	225443.4	32.46	∞	38790	260.183 ng/ml
Clonazolam	5.534	773390	∞	38.89	118422.9	79323	283.602 ng/ml
Cocaine	4.236	3100400	499751.8	49.02	265279.7	973050	244.040 ng/ml
Codeine	2.528	301246	∞	94.25	19811.7	50850	248.468 ng/ml
Cyclobenzaprine	5.600	3067931	271259.5	8.00	3629.4	365518	251.365 ng/ml
Dextromethorphan	5.239	2313516	93486.7	72.07	42691.5	395245	249.302 ng/ml
Dextrorphan	4.105	3330862	∞	45.83	36806.0	633354	238.815 ng/ml
Diazepam	5.917	1364899	35218.7	84.05	126459.9	189240	248.674 ng/ml
Dihydrocodeine	2.482	1007756	1198.6	63.56	4009.7	324346	231.404 ng/ml
Diphenhydramine	5.276	12383506	153407.3	30.61	69042.8	1610557	258.570 ng/ml
Doxylamine	4.492	12244932	913055.7	94.87	319077.0	1514409	241.615 ng/ml
Duloxetine	5.631	299938	265.8	11.32	4418.7	33477	248.374 ng/ml
EDDP	5.234	4053963	125311.8	43.50	125642.1	753863	251.439 ng/ml
Etizolam	5.785	234411	∞	392.32	∞	189240	288.394 ng/ml
Fentanyl	5.046	307821	10459.9	130.07	698366.2	522725	25.624 ng/ml
Flualprazolam	5.681	515106	8294.1	96.43	5249.4	79323	258.447 ng/ml
Fluorofentanyl	5.107	325185	77507.8	118.26	262.5	5859	24.530 ng/ml
Fluoxetine	5.698	2113364	36504.5	6.62	3092329.8	284537	237.168 ng/ml
Hydrocodone	2.972	1294775	∞	39.28	25691.4	281620	250.730 ng/ml
Hydromorphone	1.567	1349535	8126.8	74.66	8313.9	155486	252.633 ng/ml

AM #28 Multi-Drug Quant. Results

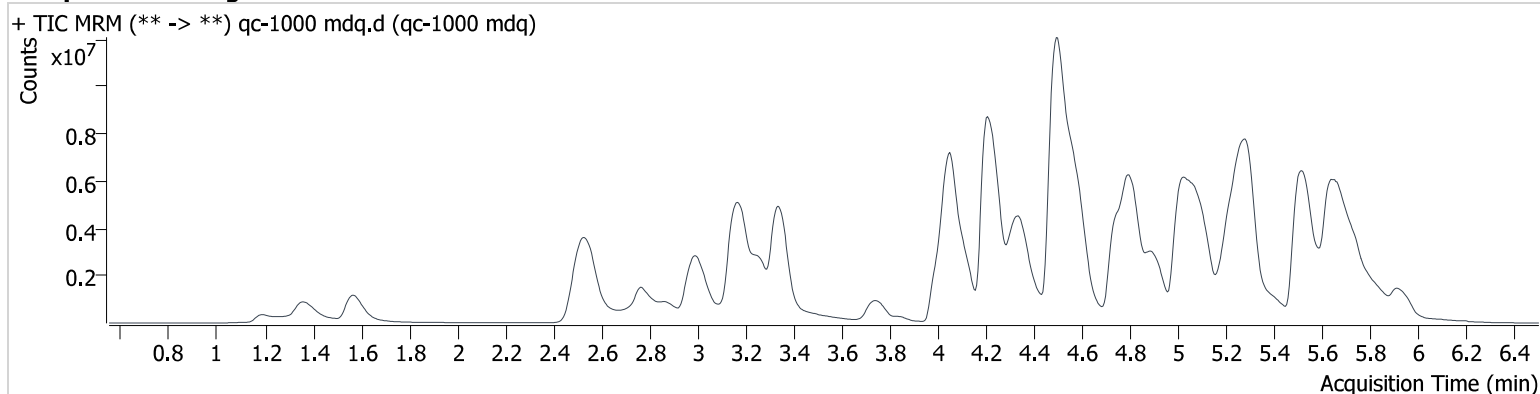
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	2737628	364606.0	116.00	718.1	1163566	240.166 ng/ml
Ketamine	4.004	3367595	465295.4	37.11	25792.5	490850	253.929 ng/ml
Lamotrigine	4.264	178634	∞	100.82	∞	284537	266.090 ng/ml
Lorazepam	5.718	107837	∞	56.75	795.8	48166	258.432 ng/ml
MDA	3.152	2330641	160120.8	28.54	18116.9	268075	223.976 ng/ml
MDMA	3.253	2710018	188033.7	108.20	266529.5	129797	244.912 ng/ml
Meprobamate	4.865	785065	6455.2	30.23	9713.1	104848	249.830 ng/ml
Methadone	5.635	6329240	1329784.4	50.65	62870.0	834586	244.386 ng/ml
Methamphetamine	3.173	6338685	1459886.0	39.29	138841.5	1128671	236.491 ng/ml
Metoprolol	4.293	654857	191728.2	97.58	27207.1	268075	248.492 ng/ml
Mirtazapine	4.574	7108364	∞	49.56	312669.1	129797	251.007 ng/ml
Mitragynine	5.173	990217	67502.5	33.66	77894.3	1163566	247.927 ng/ml
Morphine	1.191	260934	∞	20.00	∞	12343	256.454 ng/ml
Norbuprenorphine	4.963	30219	21911.5	96.00	747084.5	18566	24.637 ng/ml
Nordiazepam	5.866	651468	12008.5	59.63	∞	79323	242.302 ng/ml
Norfentanyl	4.056	60052	∞	278.53	5477.7	683854	24.502 ng/ml
Noroxycodone	2.874	847173	8669.6	48.58	427.6	127887	233.843 ng/ml
O-desmethyl-tramadol	3.340	8355906	137881.9	6.27	133858.1	1516564	242.786 ng/ml
O-Desmethylvenlafaxine	4.049	2079140	1220.8	241.07	3202.5	259989	244.376 ng/ml
Olanzapine	4.347	2338606	6226.5	46.07	5895.9	203071	260.988 ng/ml
Oxazepam	5.730	230740	5871.4	71.63	1994.0	48166	243.097 ng/ml
Oxycodone	2.772	2690178	15564.1	31.18	575127.1	436920	234.223 ng/ml
Oxymorphone	1.359	1996934	∞	46.55	∞	260191	257.986 ng/ml
Promethazine	5.526	4899067	118146.8	37.62	24583.4	866391	241.226 ng/ml
Pseudoephedrine	2.531	8621292	∞	16.85	∞	1163566	250.632 ng/ml
Quetiapine	5.492	4978083	225279.7	64.00	593923.4	287463	253.047 ng/ml
Sertraline	5.755	710275	14393.8	99.37	1356411.0	110521	240.676 ng/ml
Temazepam	5.807	1371473	384759.0	30.82	9457.4	254640	252.463 ng/ml
Tramadol	4.207	7718017	∞	3.32	∞	1361054	246.871 ng/ml
Trazodone	5.025	3230316	215116.0	79.82	102474.8	654080	226.269 ng/ml
Venlafaxine	5.014	6047308	125871.8	43.06	34979.1	1218319	252.613 ng/ml
Zolpidem	4.800	8053187	188548.3	28.10	223821.1	1483151	240.250 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 1:32:10 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	176261	∞	136.53	384147.1	45322	95.830 ng/ml
7-aminoclonazepam	4.206	527079	31650.1	109.25	∞	45260	633.608 ng/ml
a-hydroxyalprazolam	5.681	75658	∞	63.03	1128.0	65395	895.098 ng/ml
alpha-PHP	4.900	3469783	47561.9	253.33	∞	342084	1096.647 ng/ml
alpha-PVP	4.326	10081855	229640.5	52.90	342818.1	342084	1069.536 ng/ml
Alprazolam	5.739	2896994	∞	79.53	567.9	58838	1043.303 ng/ml
Amphetamine	3.005	3266001	∞	242.65	∞	198696	517.841 ng/ml
Benzoylcegonine	3.843	430504	40355.4	43.06	12413.5	14519	999.868 ng/ml
Buprenorphine	5.638	105358	98052.1	15.86	2412.9	15892	103.567 ng/ml
Bupropion	4.741	10016664	8835905.8	68.87	343915.8	358421	921.714 ng/ml
Carisoprodol	5.705	703869	3569739.3	61.21	28051.4	25479	911.935 ng/ml
Chlorpheniramine	5.089	20096462	∞	0.34	3860.8	761983	981.969 ng/ml
Citalopram	5.190	4289309	223149.2	40.82	105370.7	156097	971.020 ng/ml
Clonazepam	5.577	521430	∞	32.01	∞	10131	942.354 ng/ml
Clonazepam	5.550	804736	20427.0	39.12	34597.6	24645	948.699 ng/ml
Cocaine	4.241	5995575	465904.1	48.77	1168221.5	456612	1005.779 ng/ml
Codeine	2.528	514974	22597.2	96.84	∞	25750	841.177 ng/ml
Cyclobenzaprine	5.595	5776675	113320.6	8.19	∞	177383	975.936 ng/ml
Dextromethorphan	5.234	4042875	∞	73.98	∞	152236	1129.974 ng/ml
Dextrorphan	4.105	7581793	720274.1	44.70	711094.8	339303	1012.719 ng/ml
Diazepam	5.922	3041286	∞	85.57	∞	95400	1098.319 ng/ml
Dihydrocodeine	2.477	2214051	12507.0	64.26	18219.6	232545	711.947 ng/ml
Diphenhydramine	5.292	23234374	1806189.3	30.11	70175.9	753573	1036.519 ng/ml
Doxylamine	4.497	31319526	1559512.2	95.97	1038429.9	1018774	919.749 ng/ml
Duloxetine	5.631	357483	214.1	12.28	50.0	10697	927.840 ng/ml
EDDP	5.228	10828699	321600.7	42.31	∞	493888	1025.442 ng/ml
Etizolam	5.790	470459	44211.5	401.55	29930.6	95400	1148.406 ng/ml
Fentanyl	5.041	517471	23911.2	138.04	64738.8	222518	101.166 ng/ml
Flualprazolam	5.692	619794	∞	90.73	1855.4	24645	999.568 ng/ml
Fluorofentanyl	5.118	645395	679705.2	113.28	27434.2	2794	101.910 ng/ml
Fluoxetine	5.703	2911125	115929.8	6.88	∞	93968	989.622 ng/ml
Hydrocodone	2.972	3454889	∞	39.61	∞	194725	969.662 ng/ml
Hydromorphone	1.567	3280030	∞	73.95	5264.6	94403	1011.391 ng/ml

AM #28 Multi-Drug Quant. Results

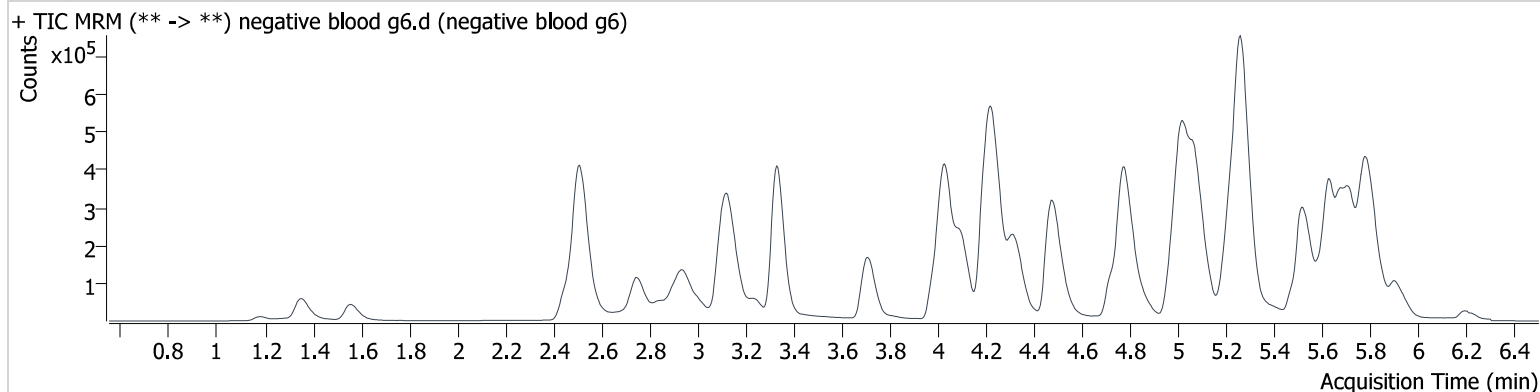
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	4989298	1868651.2	117.54	29106.2	531632	957.198 ng/ml
Ketamine	4.000	6901934	586054.3	36.87	150664.0	288140	888.448 ng/ml
Lamotrigine	4.269	201237	∞	94.12	16127.8	93968	906.547 ng/ml
Lorazepam	5.718	147891	8243.0	53.30	57344.6	12824	1326.432 ng/ml
MDA	3.137	2638640	52516.3	29.14	42698.3	105148	647.595 ng/ml
MDMA	3.258	5601452	291274.4	100.98	426252.6	62675	1048.715 ng/ml
Meprobamate	4.859	976494	58412.0	30.51	39113.1	39119	836.054 ng/ml
Methadone	5.635	14543149	200907.7	48.05	246971.1	476950	982.672 ng/ml
Methamphetamine	3.173	12330145	1710633.2	38.03	441575.8	844222	623.405 ng/ml
Metoprolol	4.288	917696	546055.1	96.75	∞	105148	887.474 ng/ml
Mirtazapine	4.579	16424442	∞	48.44	594254.6	62675	1198.376 ng/ml
Mitragynine	5.173	2092190	84470.8	35.01	440576.4	531632	1144.757 ng/ml
Morphine	1.191	604751	∞	20.18	∞	7634	960.946 ng/ml
Norbuprenorphine	4.963	64632	93820.3	95.16	88471714.6	9968	98.436 ng/ml
Nordiazepam	5.871	796966	∞	60.84	13993.2	24645	953.347 ng/ml
Norfentanyl	4.056	81006	33107.8	278.84	12405.2	217324	103.959 ng/ml
Noroxycodone	2.869	1481084	∞	47.44	∞	44494	1174.627 ng/ml
O-desmethyl-tramadol	3.340	20219093	∞	6.08	51567.5	922004	967.702 ng/ml
O-Desmethylvenlafaxine	4.049	3881001	21172.0	245.76	19465.0	123702	959.789 ng/ml
Olanzapine	4.358	5147332	6546.7	47.15	40612.9	123692	943.112 ng/ml
Oxazepam	5.725	237980	487198.0	72.22	180863.5	12824	940.685 ng/ml
Oxycodone	2.761	5390486	∞	30.56	∞	269230	764.446 ng/ml
Oxymorphone	1.359	4358100	∞	46.28	∞	153636	954.000 ng/ml
Promethazine	5.526	12426692	670540.7	36.24	118227.3	516017	1025.721 ng/ml
Pseudoephedrine	2.536	16644791	∞	16.57	∞	531632	1058.404 ng/ml
Quetiapine	5.486	9440342	283317616.9	61.57	∞	153905	897.562 ng/ml
Sertraline	5.750	1157206	∞	99.75	6247519.0	43309	1000.148 ng/ml
Temazepam	5.818	1543753	∞	30.80	4338.0	65395	1105.508 ng/ml
Tramadol	4.202	16745153	∞	3.22	3907.8	852582	856.979 ng/ml
Trazodone	5.030	4958186	961851.4	79.41	209176.2	375013	606.692 ng/ml
Venlafaxine	5.012	13371630	139268.5	40.46	83083.8	657761	1033.462 ng/ml
Zolpidem	4.800	19395254	342786.9	27.65	298012.3	881976	973.253 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 AM

Instrument	69679	Data File	negative blood g6.d
Type	Sample	Sample	negative blood g6
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	3/24/2023 1:49:34 PM		
Sample Info.			

Sample Chromatogram

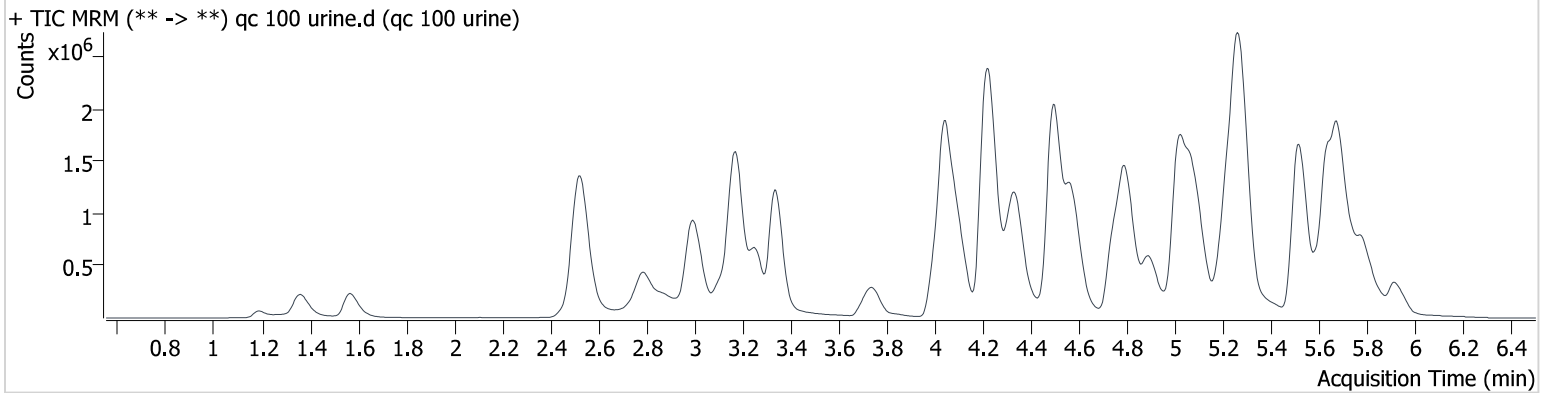


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 1:40:52 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	27150	8980.2	133.16	32169.9	64795	10.350 ng/ml
7-aminoclonazepam	4.221	266362	3195.3	116.20	18723.3	133830	107.996 ng/ml
a-hydroxyalprazolam	5.655	50847	612.1	61.39	∞	240717	162.702 ng/ml
alpha-PHP	4.895	566519	8322.5	244.83	54315.9	629469	97.812 ng/ml
alpha-PVP	4.331	1792702	42999.9	54.73	185794.7	629469	103.478 ng/ml
Alprazolam	5.739	591417	∞	93.02	∞	115319	108.580 ng/ml
Amphetamine	3.000	984657	∞	261.25	113662.1	301516	101.742 ng/ml
Benzoylcegonine	3.843	44299	4161.9	45.82	1372.0	15876	93.849 ng/ml
Buprenorphine	5.633	56790	8174.6	16.09	2264.0	85506	9.872 ng/ml
Bupropion	4.751	1666127	81032.7	75.13	9158.3	507418	107.836 ng/ml
Carisoprodol	5.690	331666	∞	61.92	4602.1	115805	94.462 ng/ml
Chlorpheniramine	5.084	3039534	29085.8	0.34	1167.2	1167003	96.618 ng/ml
Citalopram	5.200	1450863	94450.9	36.11	12500.5	484198	105.942 ng/ml
Clonazepam	5.577	156402	12829.5	33.56	4703.2	26669	107.336 ng/ml
Clonazepam	5.529	160144	4709.0	39.17	2340.5	55607	84.100 ng/ml
Cocaine	4.236	1257742	60249.6	49.07	∞	963935	99.918 ng/ml
Codeine	2.528	140957	5077.3	95.85	2753.2	55703	105.554 ng/ml
Cyclobenzaprine	5.600	1292861	37845.7	9.52	∞	415339	93.081 ng/ml
Dextromethorphan	5.239	1019437	98755.5	71.74	14758.2	435799	99.819 ng/ml
Dextrorphan	4.100	1340800	∞	44.51	46097.2	626997	97.468 ng/ml
Diazepam	5.917	485857	15983.0	83.16	7090.3	168219	99.725 ng/ml
Dihydrocodeine	2.487	429927	894.8	63.38	1165.9	289421	109.913 ng/ml
Diphenhydramine	5.276	5120141	61034.7	32.02	31686.1	1761479	97.818 ng/ml
Doxylamine	4.497	4296191	68932.2	94.49	66205.3	1317418	97.213 ng/ml
Duloxetine	5.631	197312	239.3	10.94	140.7	54661	99.761 ng/ml
EDDP	5.228	1811176	14785.8	43.35	6273.1	848110	99.796 ng/ml
Etizolam	5.774	70713	∞	392.26	13235.4	168219	97.811 ng/ml
Fentanyl	5.046	131584	3045.1	127.03	3816.3	574509	9.972 ng/ml
Flualprazolam	5.676	242540	19846.2	95.76	4049.5	55607	173.744 ng/ml
Fluorofentanyl	5.107	124452	309.4	121.99	302.5	5925	9.315 ng/ml
Fluoxetine	5.693	1102656	26324.1	6.51	55333.1	374616	93.914 ng/ml
Hydrocodone	2.977	500972	9169.0	38.30	23549.1	266796	101.972 ng/ml
Hydromorphone	1.567	481351	4573.5	73.80	4618.8	136745	102.445 ng/ml

AM #28 Multi-Drug Quant. Results

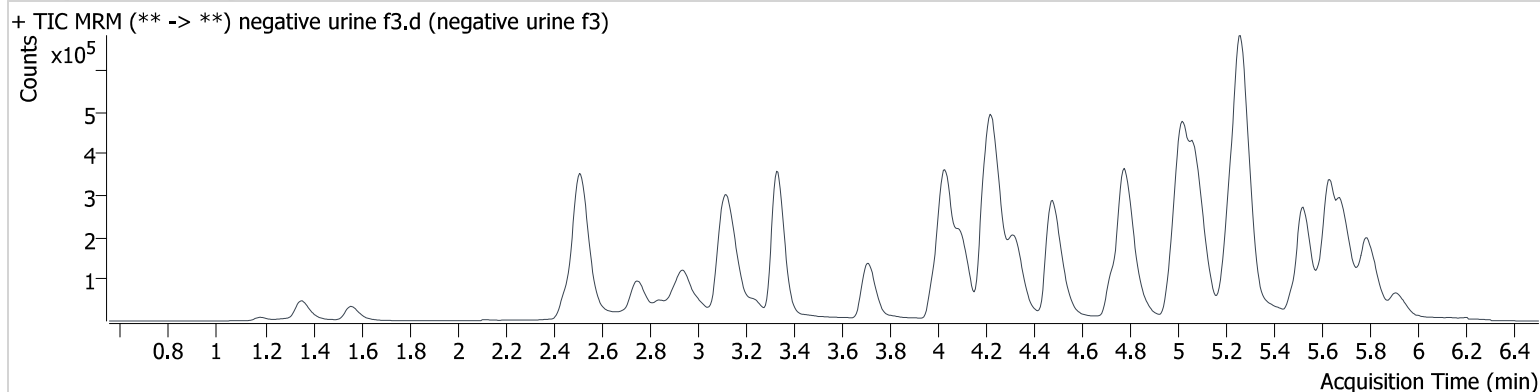
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	1219324	638.3	116.71	1251.2	1312292	95.004 ng/ml
Ketamine	4.004	1394598	46658.1	37.26	2975.7	482482	106.543 ng/ml
Lamotrigine	4.269	92126	6632.0	101.67	11675.0	374616	104.515 ng/ml
Lorazepam	5.707	46201	∞	45.10	139.1	45614	117.546 ng/ml
MDA	3.162	1209851	12483.9	30.98	3896.2	324050	95.851 ng/ml
MDMA	3.258	1054007	23020.9	105.64	47486.5	123707	99.878 ng/ml
Meprobamate	4.870	299218	10296.4	31.65	6836.1	98401	100.648 ng/ml
Methadone	5.635	2614844	28418.8	50.19	54374.1	805860	104.552 ng/ml
Methamphetamine	3.178	2582393	∞	39.70	91927.5	992461	106.761 ng/ml
Metoprolol	4.298	335718	28120.5	93.20	3672.0	324050	105.462 ng/ml
Mirtazapine	4.574	2694629	45109.7	49.07	26310.1	123707	100.268 ng/ml
Mitragynine	5.179	514331	21258.9	33.04	9919.6	1312292	114.441 ng/ml
Morphine	1.186	85841	∞	20.06	∞	9950	104.668 ng/ml
Norbuprenorphine	4.973	10998	∞	97.90	11198.3	16188	10.226 ng/ml
Nordiazepam	5.871	195020	3761.6	59.58	4330.3	55607	103.606 ng/ml
Norfentanyl	4.056	29203	1875.2	270.97	1632.6	845220	9.649 ng/ml
Noroxycodone	2.869	379907	2660.9	49.31	1899.2	140695	95.380 ng/ml
O-desmethyl-tramadol	3.340	2986756	40892.2	6.42	8421.7	1379907	95.094 ng/ml
O-Desmethylvenlafaxine	4.049	869432	1771.4	240.17	5332.5	274041	96.733 ng/ml
Olanzapine	4.347	1091926	4394.6	46.42	1207.1	249982	98.984 ng/ml
Oxazepam	5.715	87132	4982.6	61.04	82.8	45614	97.151 ng/ml
Oxycodone	2.782	1079242	∞	32.31	23113.1	398802	102.250 ng/ml
Oxymorphone	1.359	670399	∞	45.92	∞	217679	103.416 ng/ml
Promethazine	5.526	2064687	64612.0	38.82	∞	937653	94.241 ng/ml
Pseudoephedrine	2.531	3786447	∞	17.28	32256.8	1312292	97.726 ng/ml
Quetiapine	5.497	2003228	144527.0	61.93	19728.1	266602	109.517 ng/ml
Sertraline	5.755	311546	4533.6	99.60	7168.5	122186	95.585 ng/ml
Temazepam	5.792	515371	5181.9	33.18	1300.4	240717	100.542 ng/ml
Tramadol	4.212	3189047	∞	3.38	∞	1309863	105.546 ng/ml
Trazodone	5.025	1455237	70408.8	79.55	31625.3	648304	102.532 ng/ml
Venlafaxine	5.012	2300186	38335.2	44.39	6644.8	1189596	98.628 ng/ml
Zolpidem	4.800	3020702	48198.7	28.60	34808.2	1364055	97.939 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 AM

Instrument	69679	Data File	negative urine f3.d
Type	Sample	Sample	negative urine f3
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F3	Comment	
Injection Volume	3		
Acq. Date-Time	3/24/2023 3:07:56 PM		
Sample Info.			

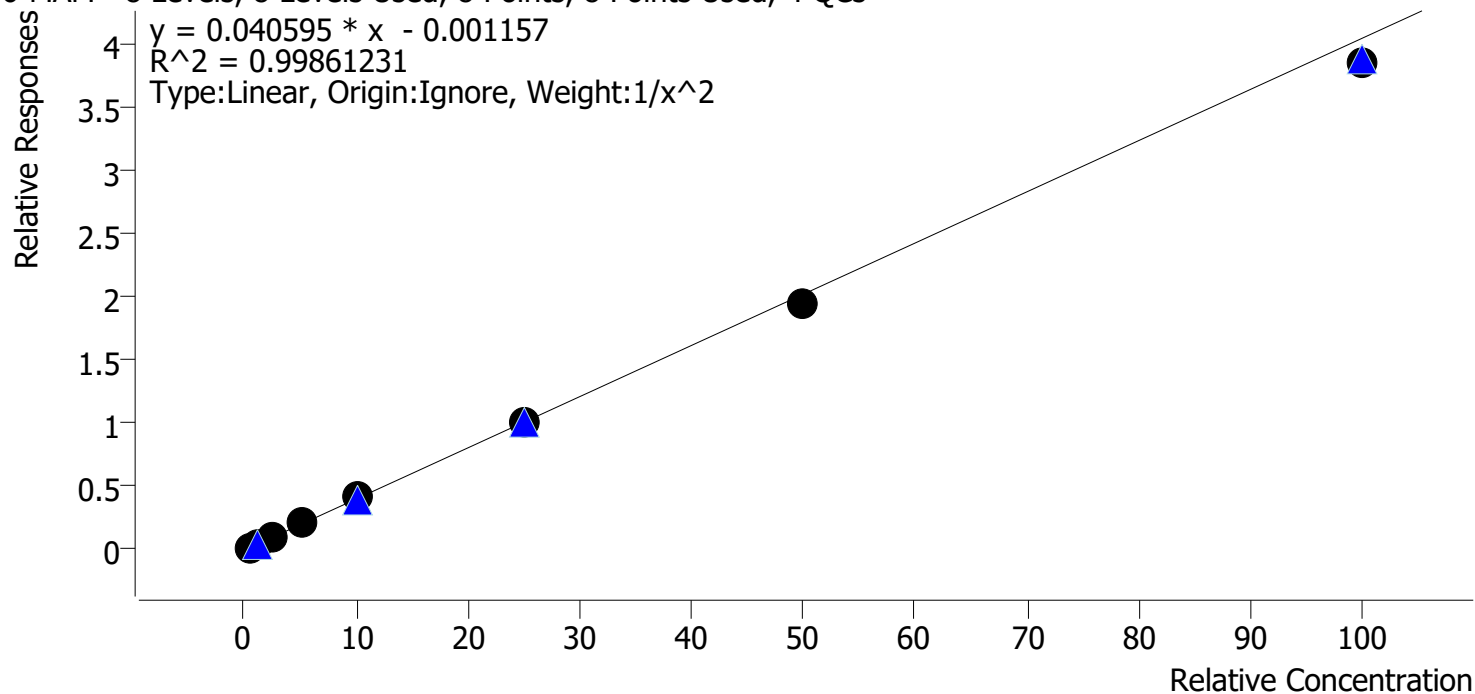
Sample Chromatogram



Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 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

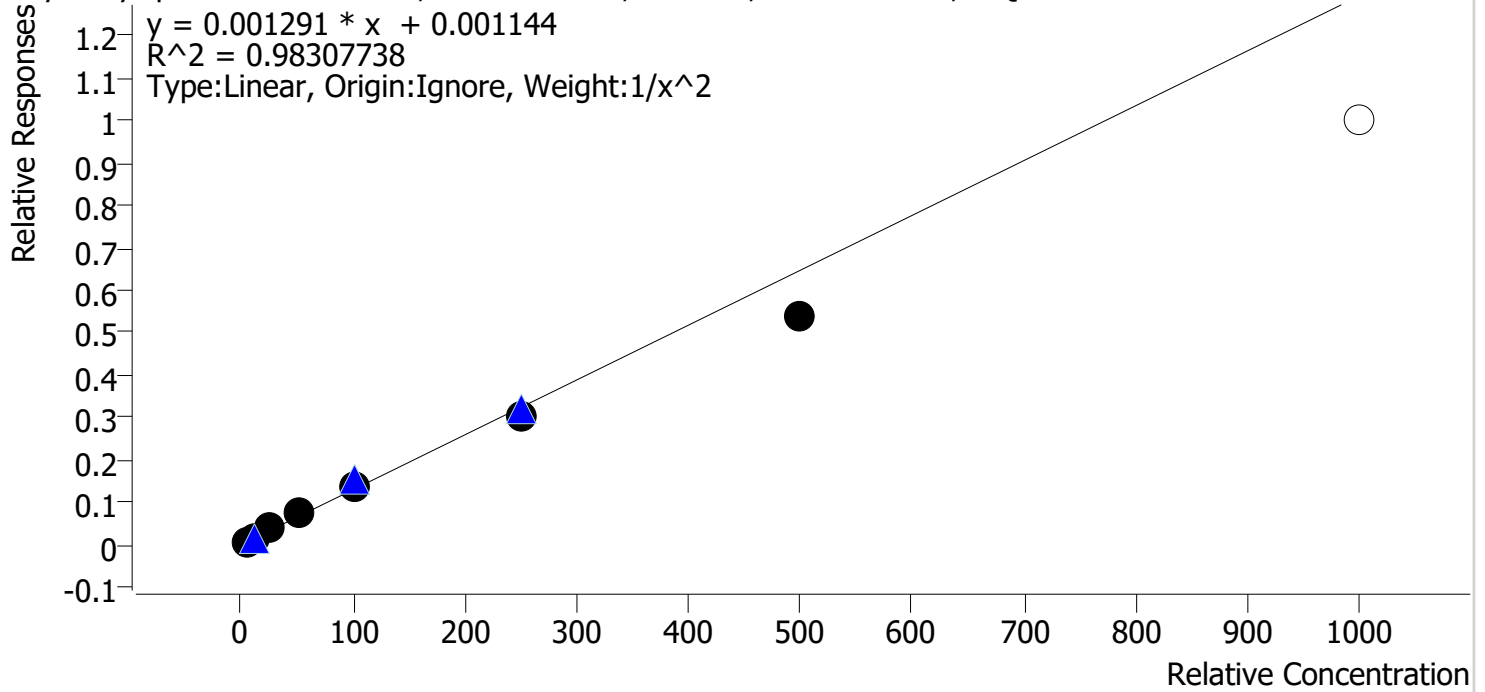


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	97.9
cal 2 mdq	2	✓	1.0	1.0	103.0
cal 3 mdq	3	✓	2.5	2.5	100.6
cal 4 mdq	4	✓	5.0	5.2	104.4
cal 5 mdq	5	✓	10.0	10.2	102.2
cal 6 mdqr	6	✓	25.0	25.0	100.2
cal 7 mdq	7	✓	50.0	48.2	96.5
cal 8 mdq	8	✓	100.0	95.3	95.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

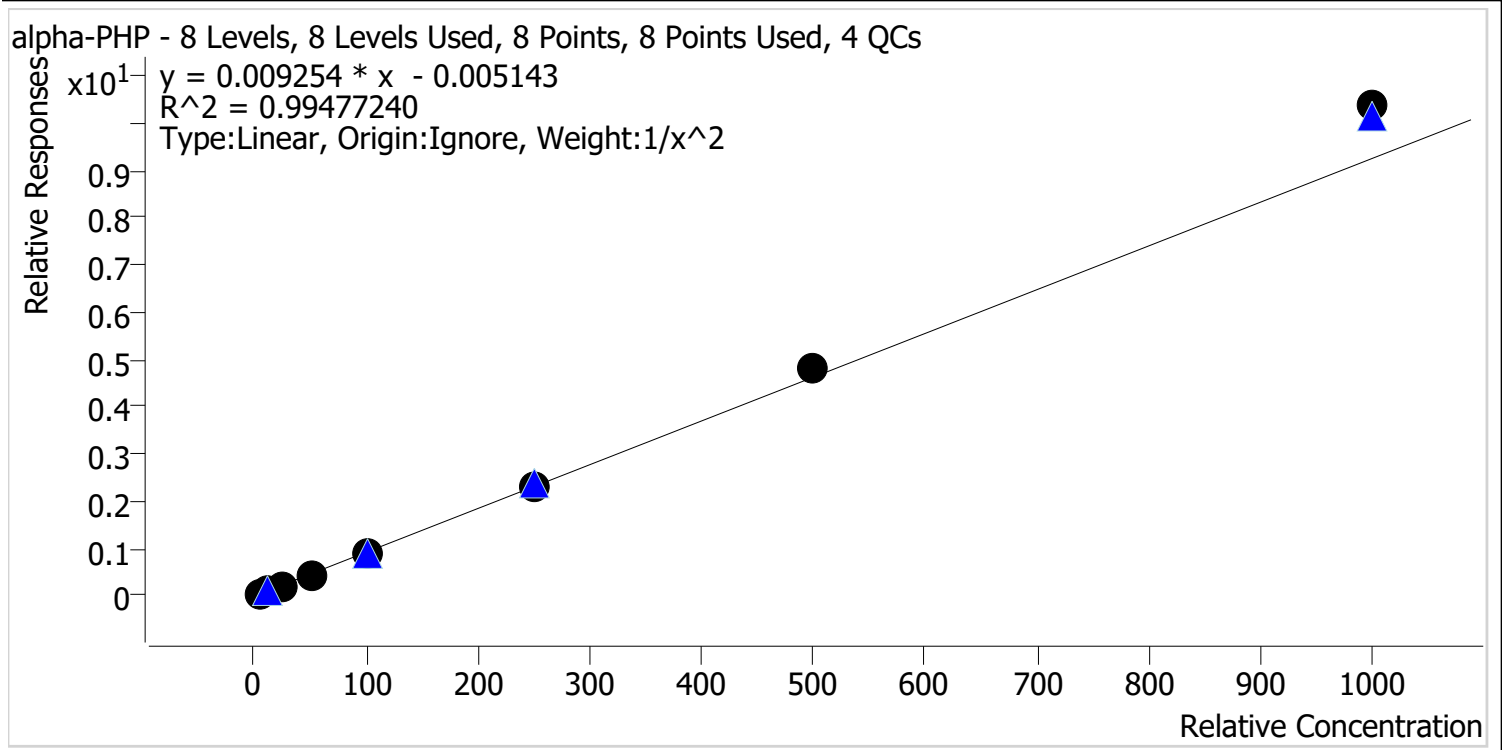
a-hydroxyalprazolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.1	90.9
cal 3 mdq	3	✓	25.0	28.6	114.6
cal 4 mdq	4	✓	50.0	55.3	110.7
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdqr	6	✓	250.0	236.6	94.6
cal 7 mdq	7	✓	500.0	417.5	83.5
cal 8 mdq	8	✗	1000.0	776.9	77.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

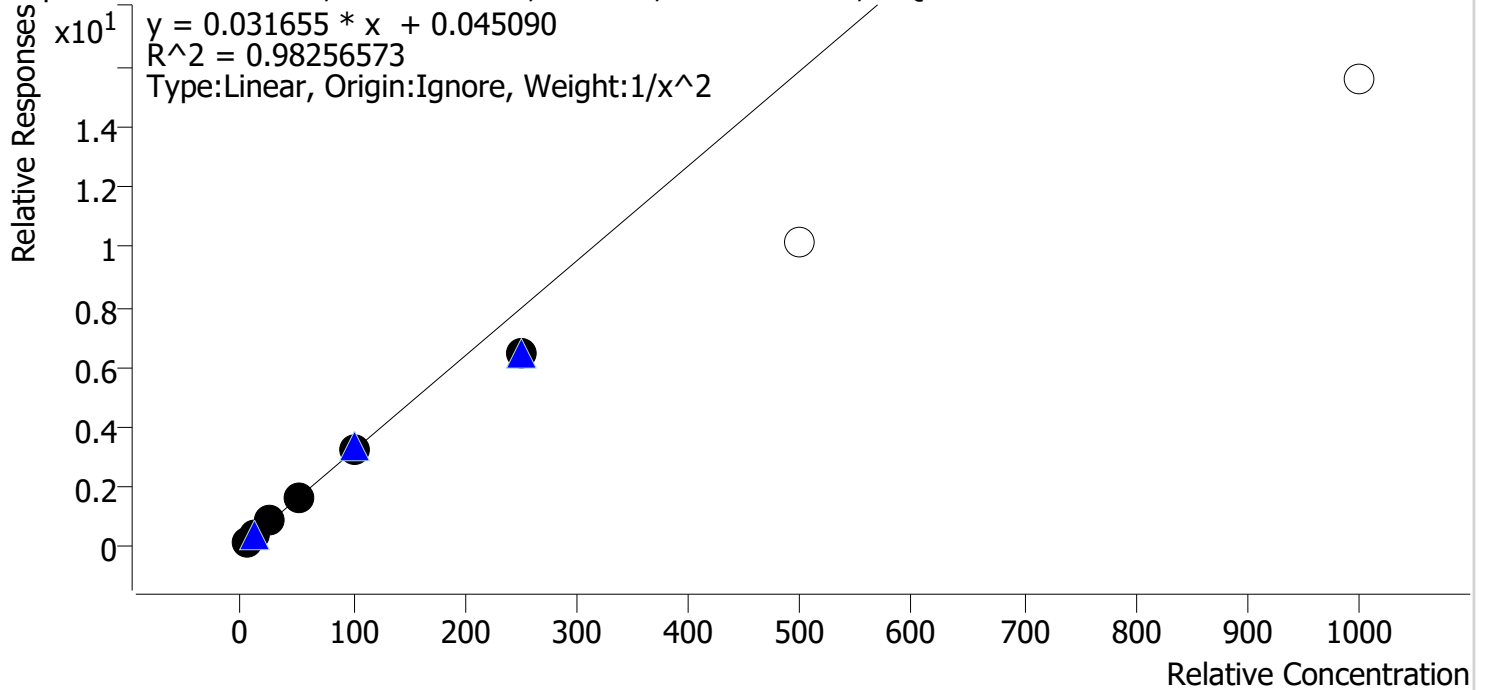


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.7
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	23.2	92.7
cal 4 mdq	4	✓	50.0	46.8	93.5
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdqr	6	✓	250.0	247.1	98.9
cal 7 mdq	7	✓	500.0	516.5	103.3
cal 8 mdq	8	✓	1000.0	1120.8	112.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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

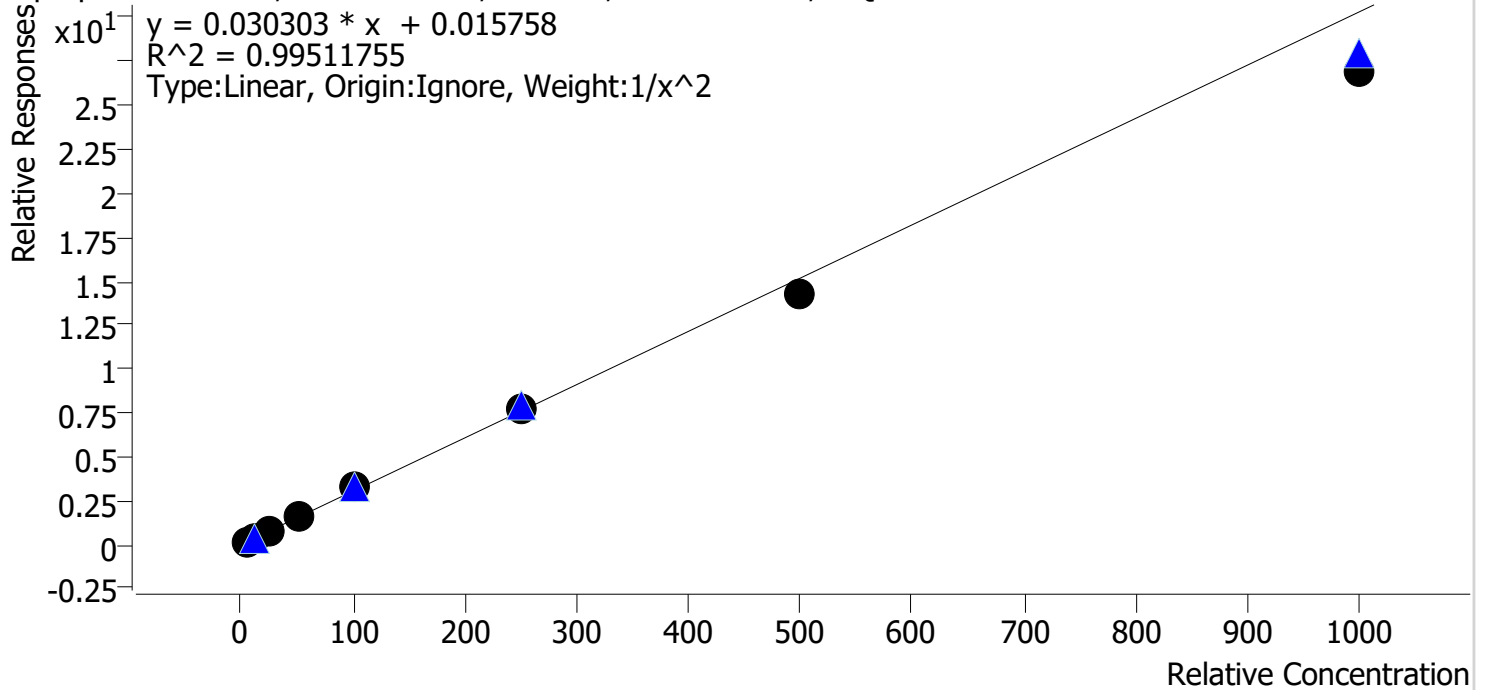


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.8
cal 2 mdq	2	✓	10.0	10.5	105.0
cal 3 mdq	3	✓	25.0	28.3	113.1
cal 4 mdq	4	✓	50.0	52.1	104.2
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdqr	6	✓	250.0	203.5	81.4
cal 7 mdq	7	✗	500.0	321.3	64.3
cal 8 mdq	8	✗	1000.0	489.4	48.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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

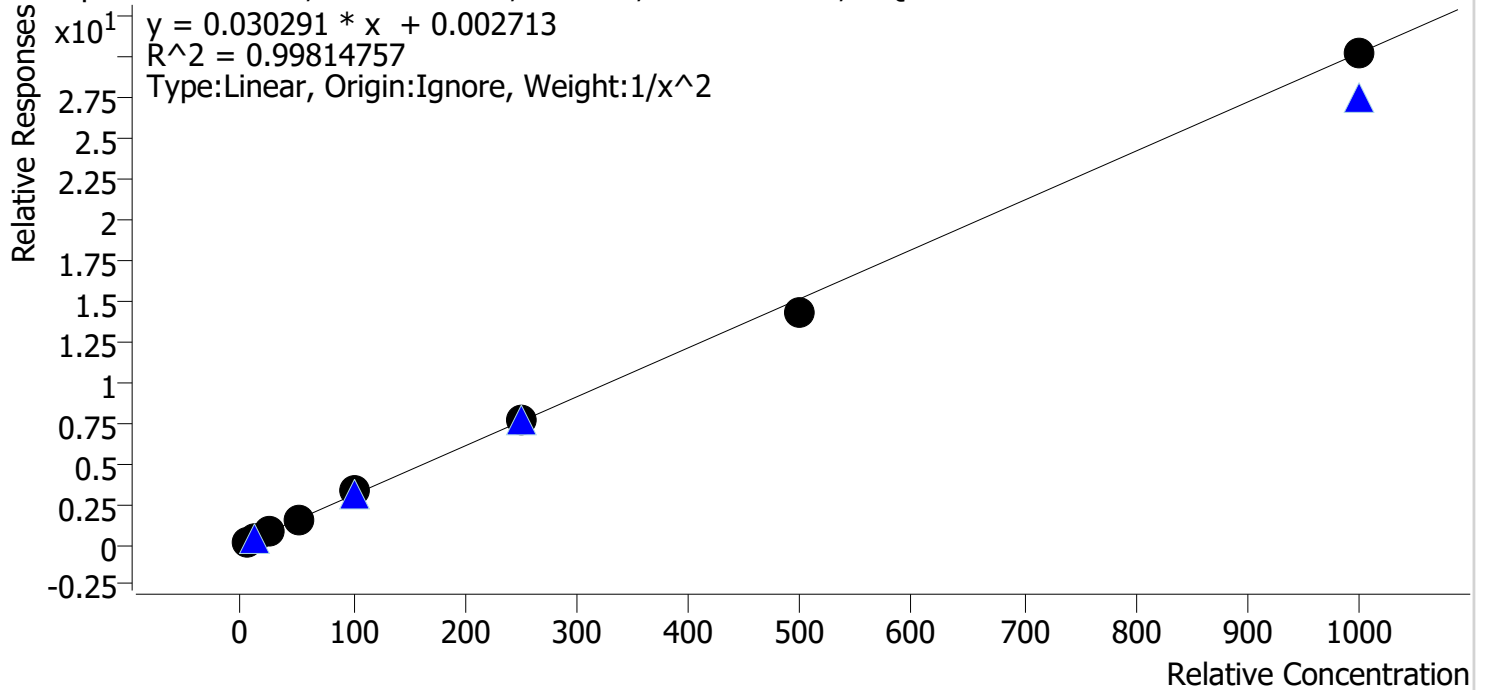


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.1
cal 2 mdq	2	✓	10.0	10.5	104.5
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	51.4	102.7
cal 5 mdq	5	✓	100.0	105.9	105.9
cal 6 mdqr	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	472.7	94.5
cal 8 mdq	8	✓	1000.0	891.4	89.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

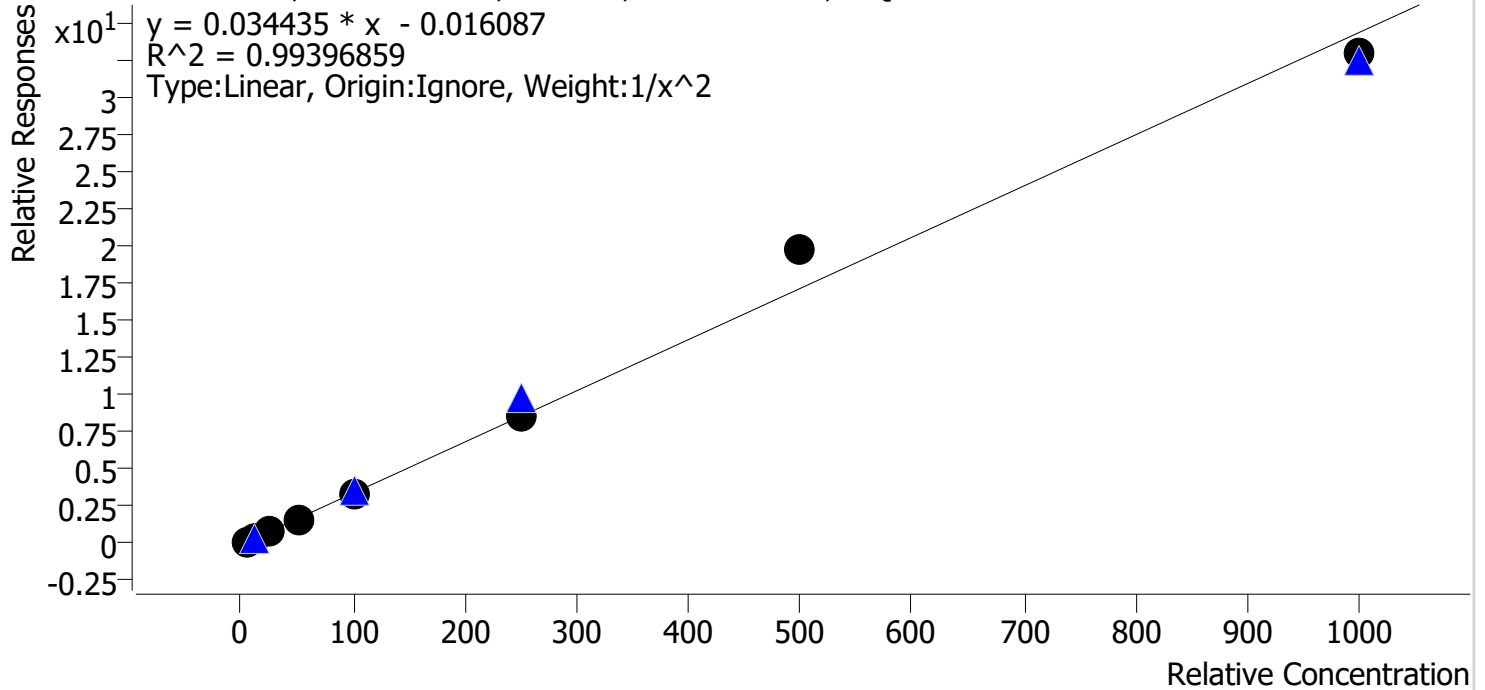


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	25.1	100.2
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	106.6	106.6
cal 6 mdqr	6	✓	250.0	256.2	102.5
cal 7 mdq	7	✓	500.0	469.1	93.8
cal 8 mdq	8	✓	1000.0	998.9	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Nordiazepam-D5

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

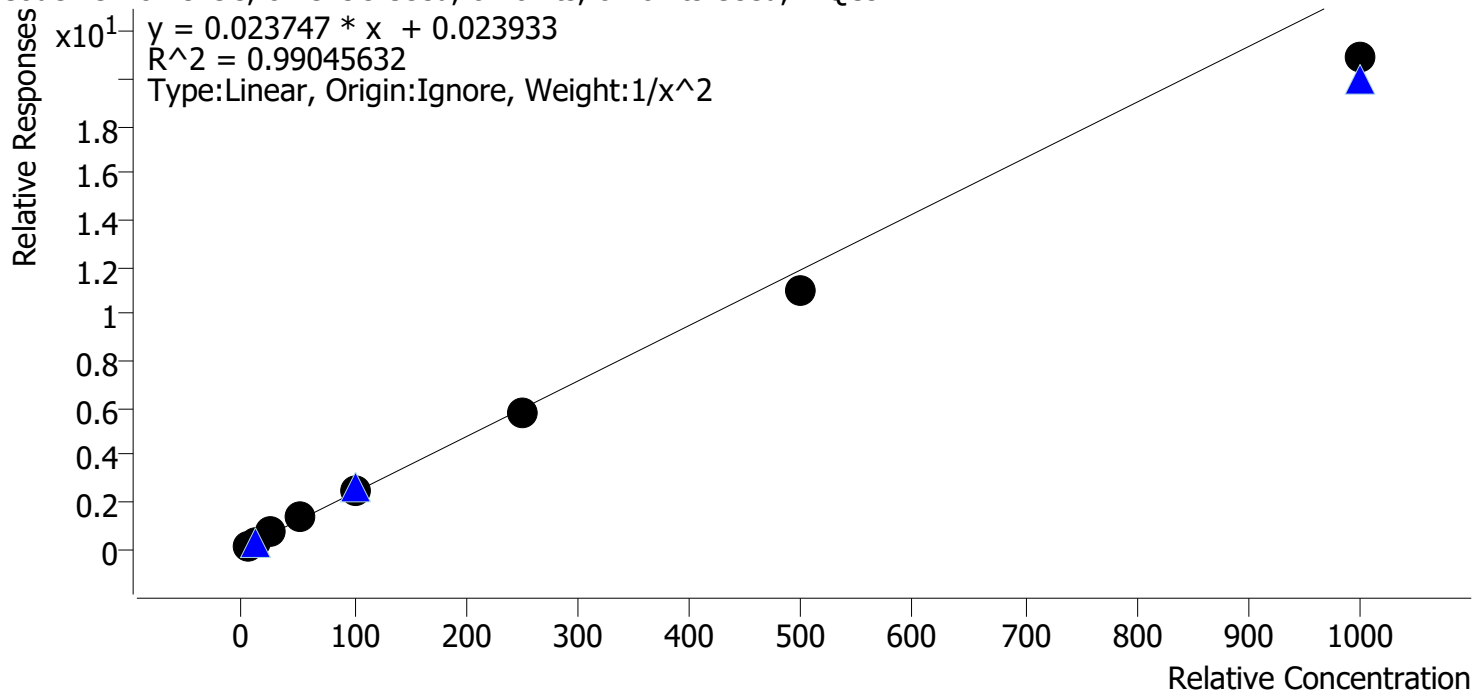


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.8	98.2
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	46.1	92.2
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdqr	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	573.9	114.8
cal 8 mdq	8	✓	1000.0	958.7	95.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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

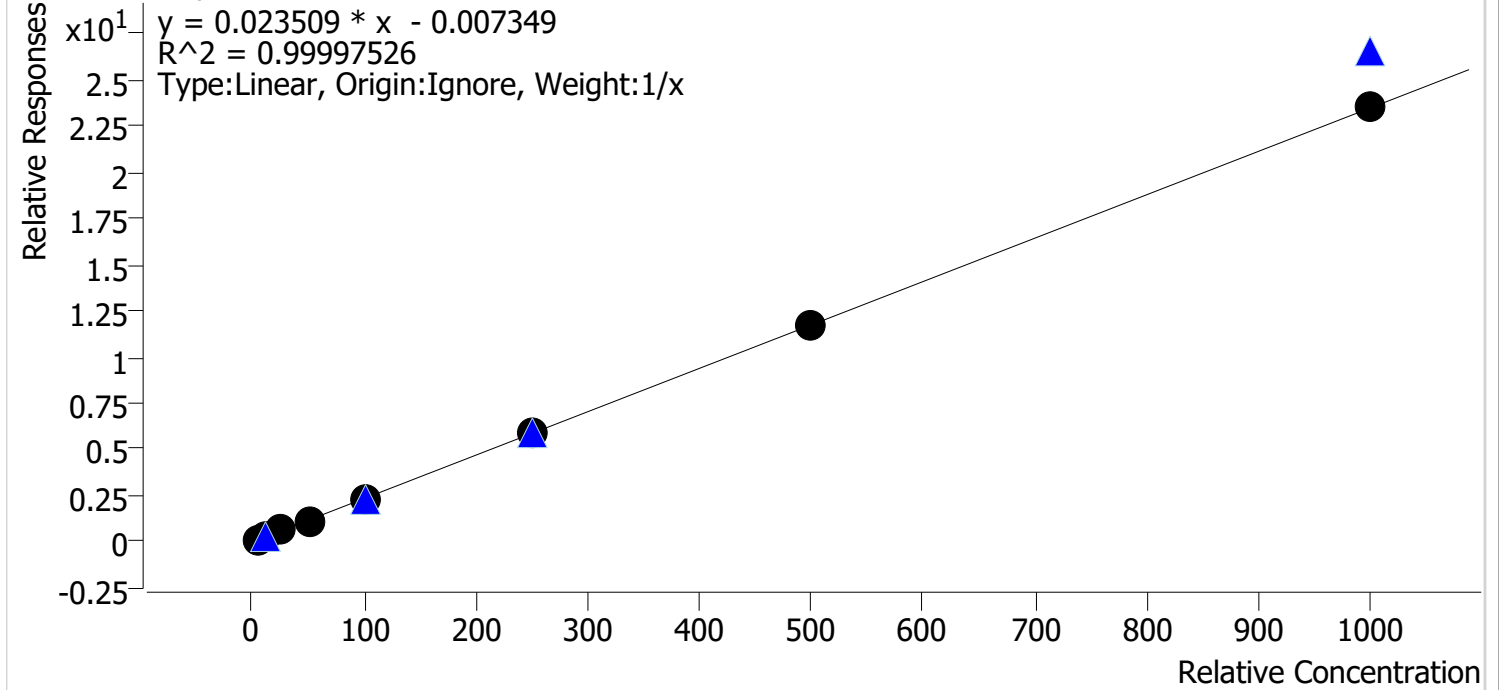


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.9
cal 2 mdq	2	✓	10.0	10.9	108.5
cal 3 mdq	3	✓	25.0	27.6	110.3
cal 4 mdq	4	✓	50.0	53.9	107.9
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdqr	6	✓	250.0	243.9	97.6
cal 7 mdq	7	✓	500.0	460.7	92.1
cal 8 mdq	8	✓	1000.0	880.3	88.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

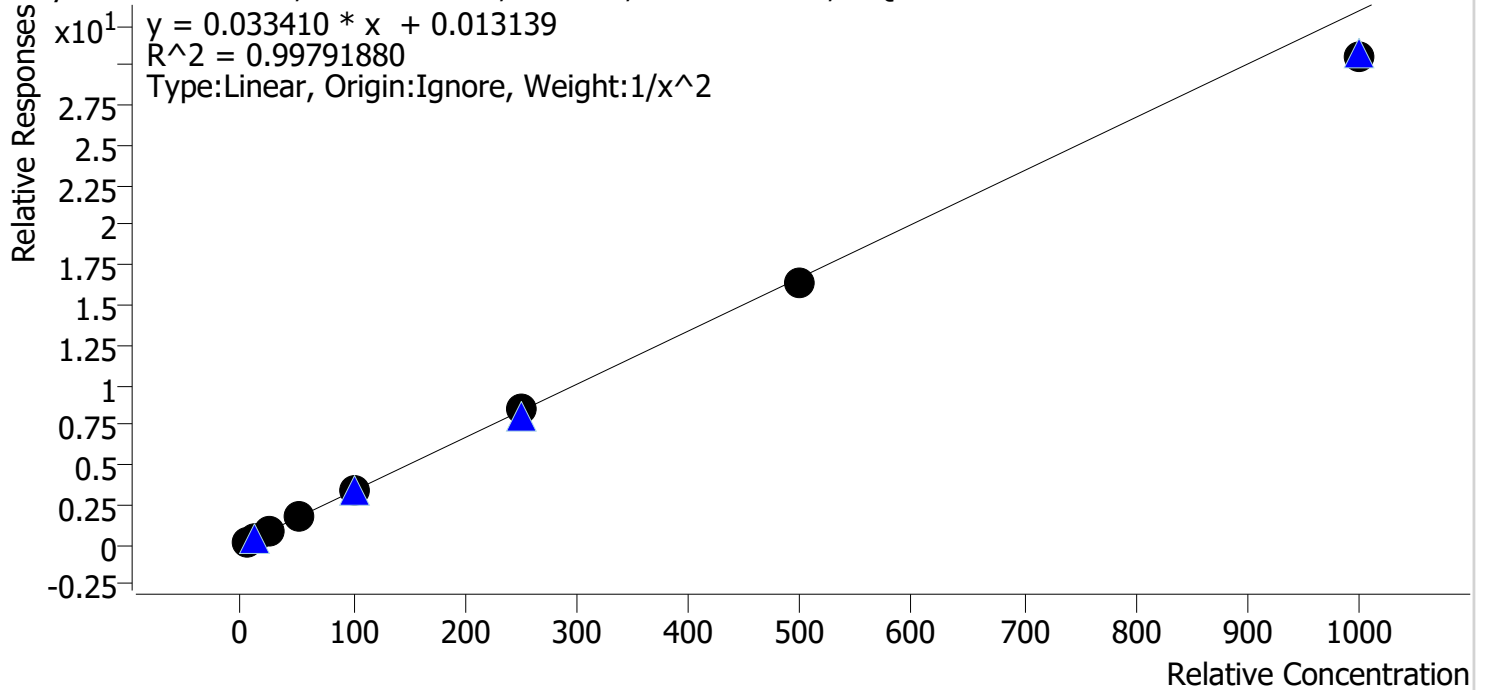


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdqr	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	500.8	100.2
cal 8 mdq	8	✓	1000.0	1001.3	100.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

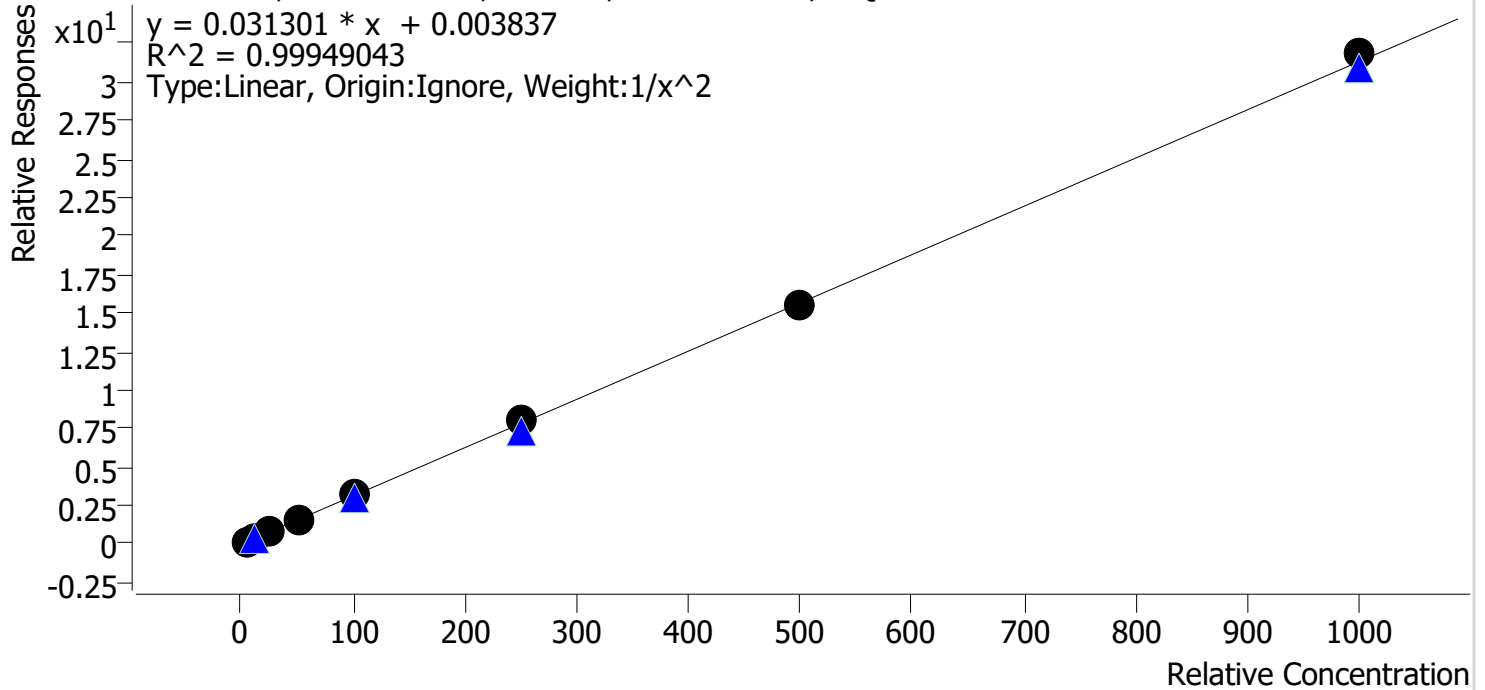


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	103.5	103.5
cal 6 mdqr	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	492.3	98.5
cal 8 mdq	8	✓	1000.0	916.9	91.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

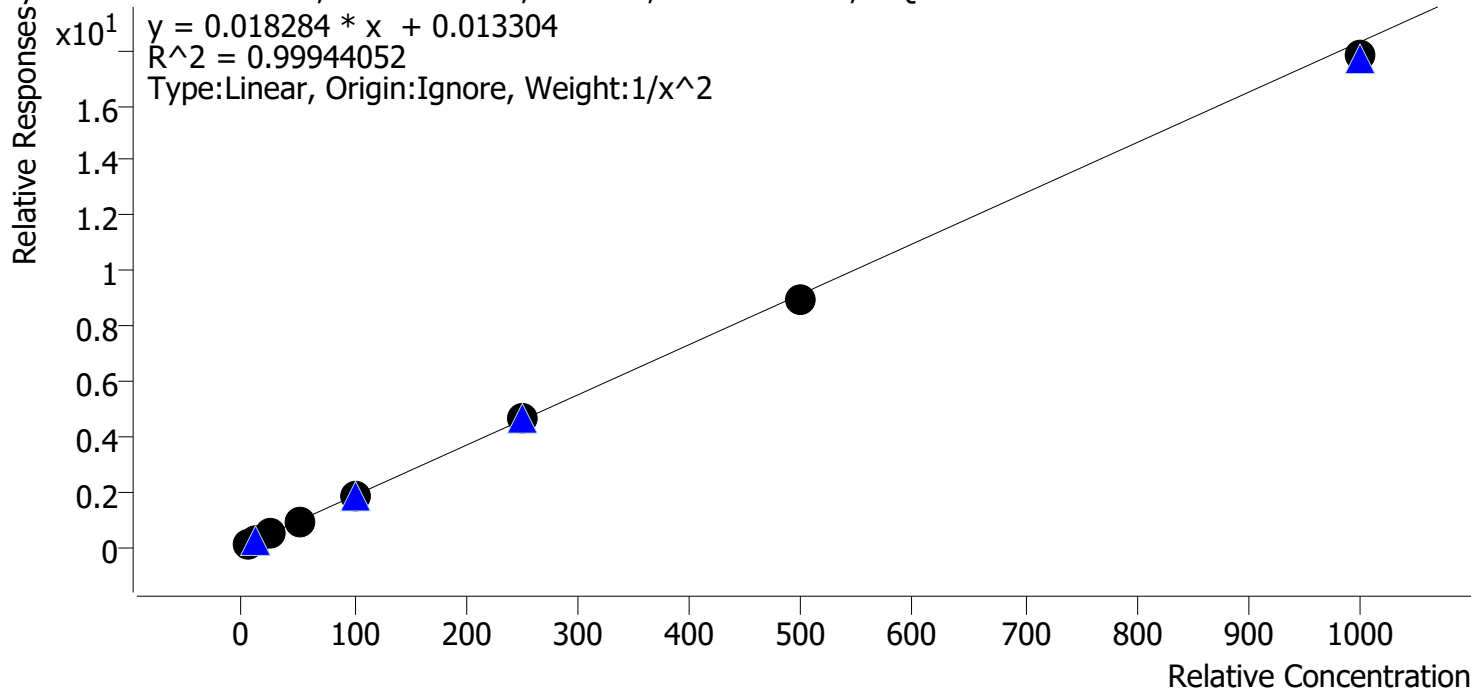


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	24.9	99.8
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdqr	6	✓	250.0	254.4	101.7
cal 7 mdq	7	✓	500.0	492.3	98.5
cal 8 mdq	8	✓	1000.0	1016.5	101.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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

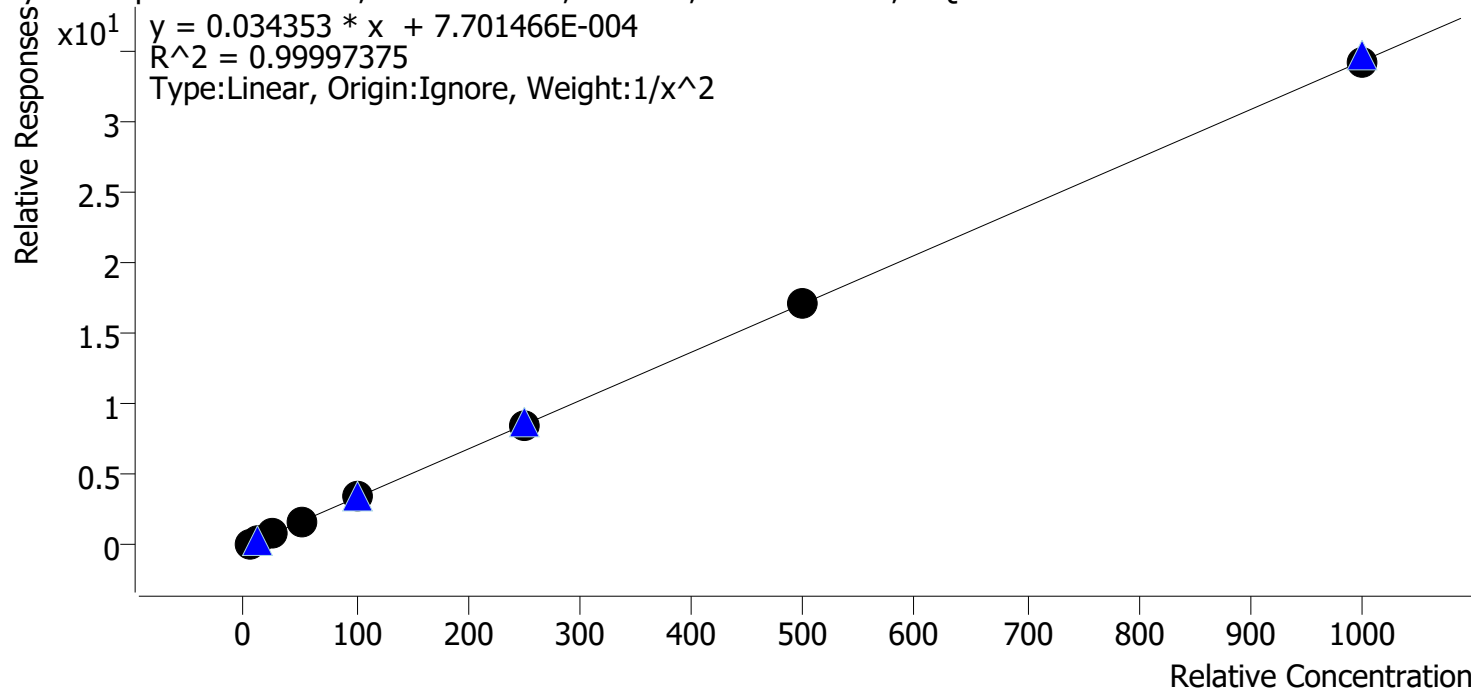


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdqr	6	✓	250.0	253.6	101.4
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	972.8	97.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

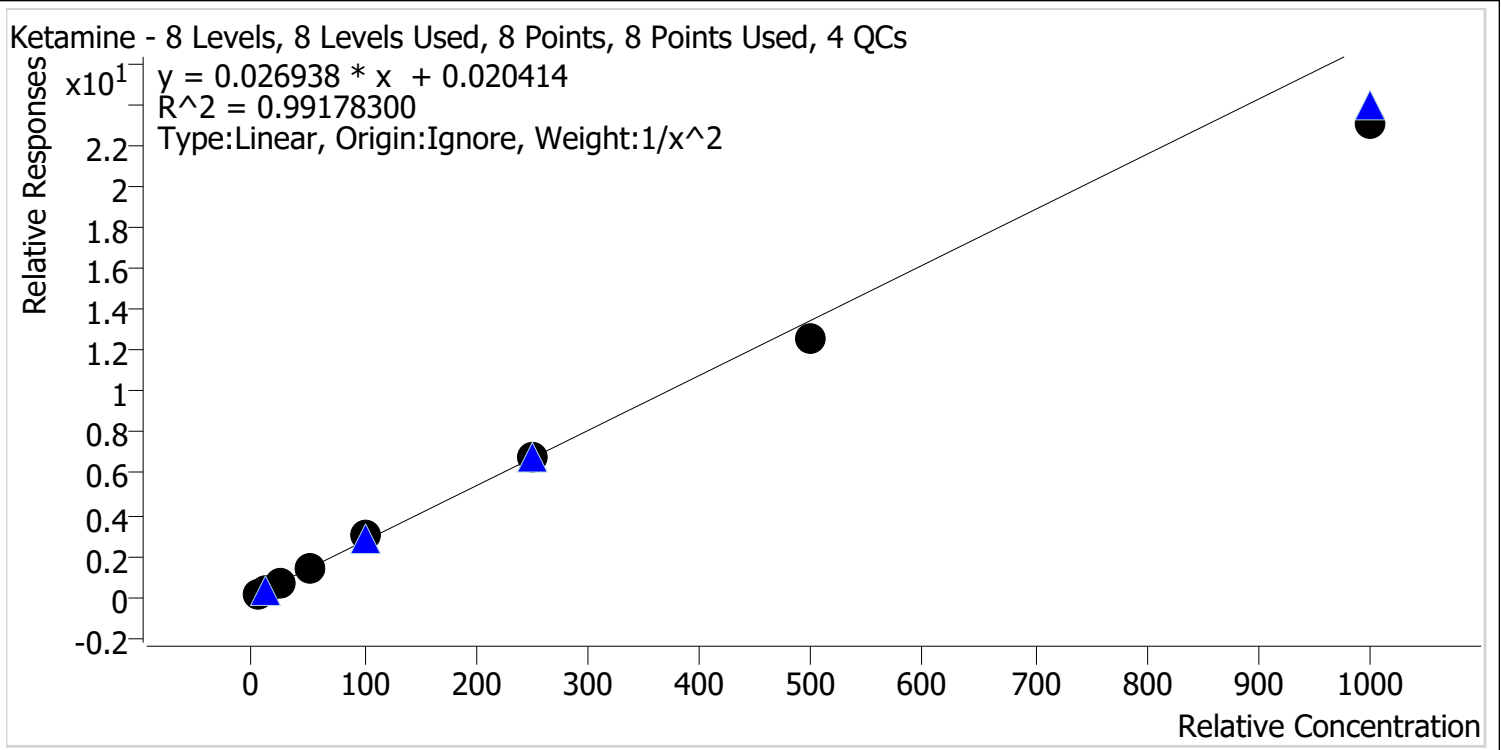
Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	49.6	99.1
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdqr	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	503.1	100.6
cal 8 mdq	8	✓	1000.0	997.7	99.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

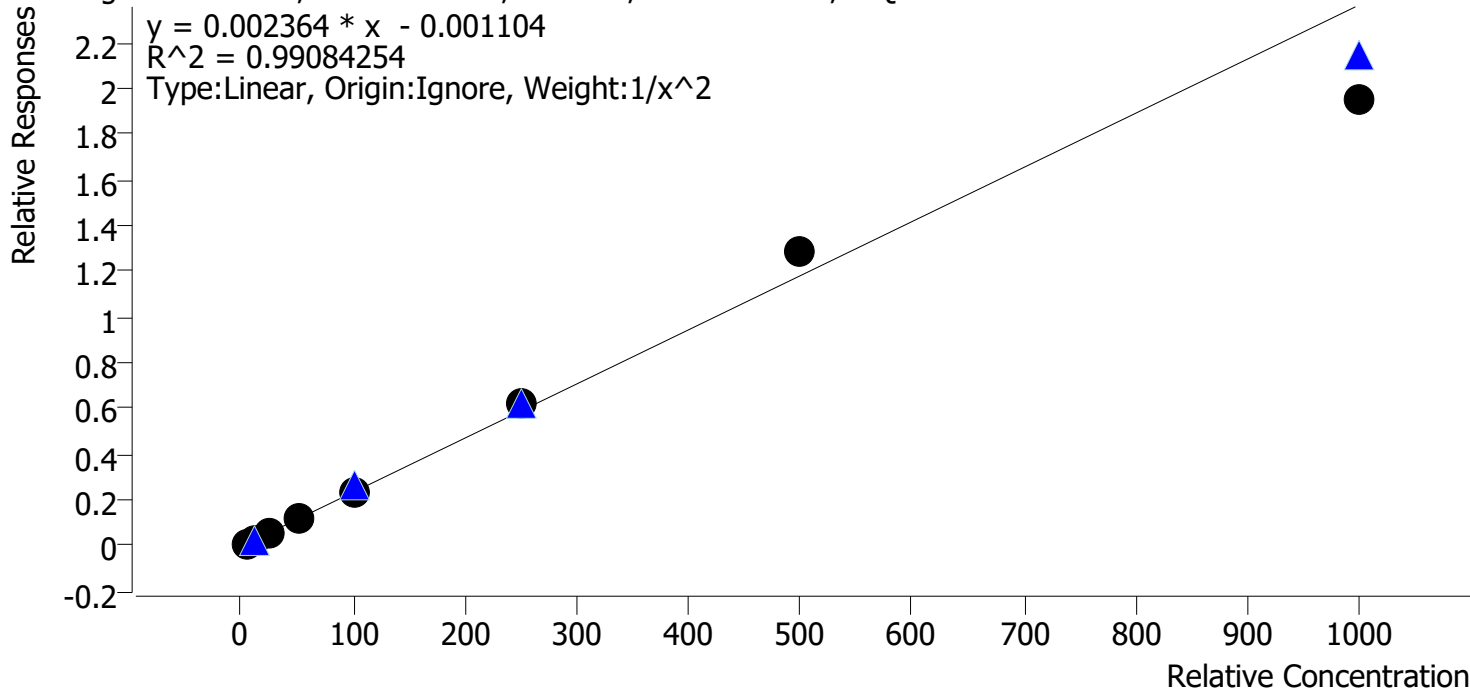


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.0
cal 2 mdq	2	✓	10.0	10.6	105.9
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	51.7	103.5
cal 5 mdq	5	✓	100.0	108.2	108.2
cal 6 mdqr	6	✓	250.0	252.9	101.2
cal 7 mdq	7	✓	500.0	468.2	93.6
cal 8 mdq	8	✓	1000.0	856.1	85.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Fluoxetine-D6

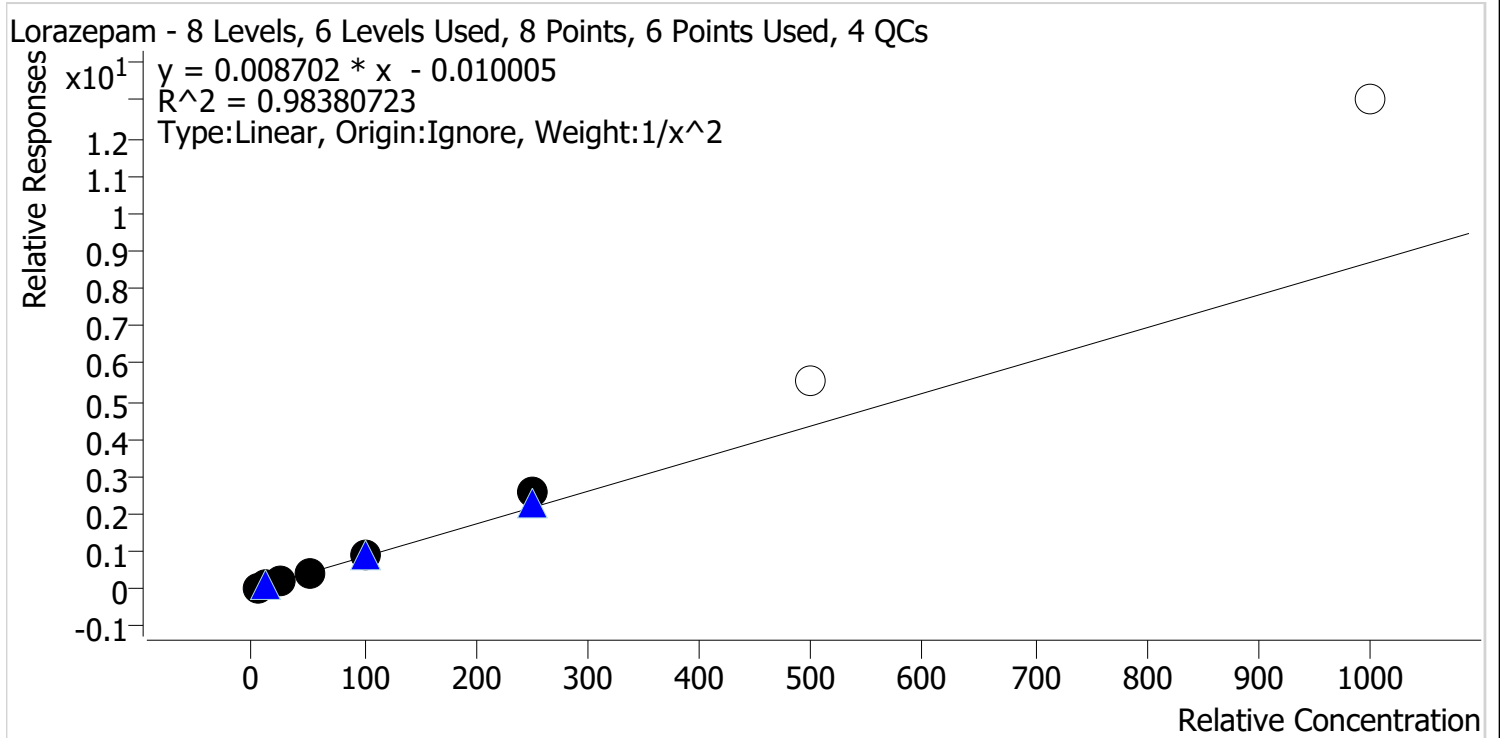
Lamotrigine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	27.0	108.1
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdqr	6	✓	250.0	262.2	104.9
cal 7 mdq	7	✓	500.0	547.4	109.5
cal 8 mdq	8	✓	1000.0	828.6	82.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

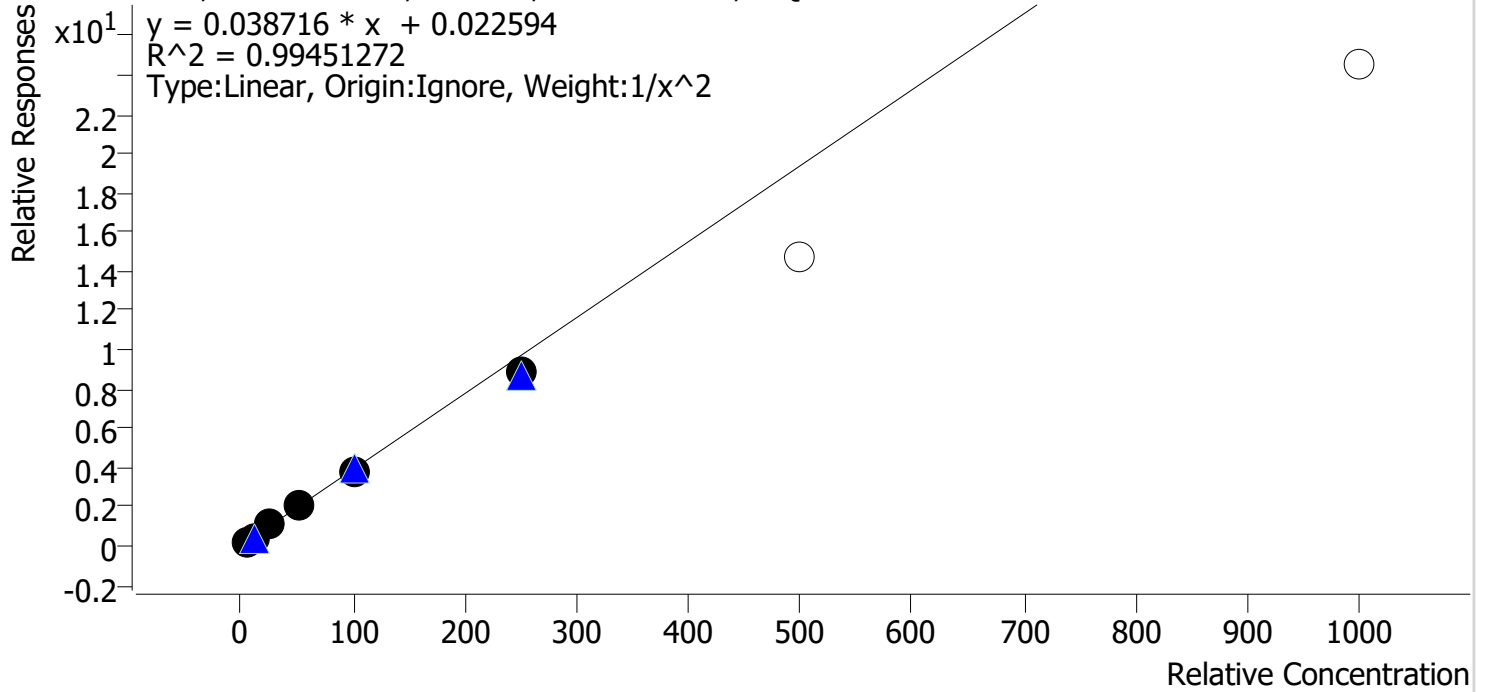


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.3
cal 2 mdq	2	✓	10.0	9.5	94.8
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	43.1	86.2
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdqr	6	✓	250.0	293.0	117.2
cal 7 mdq	7	✗	500.0	642.5	128.5
cal 8 mdq	8	✗	1000.0	1497.7	149.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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

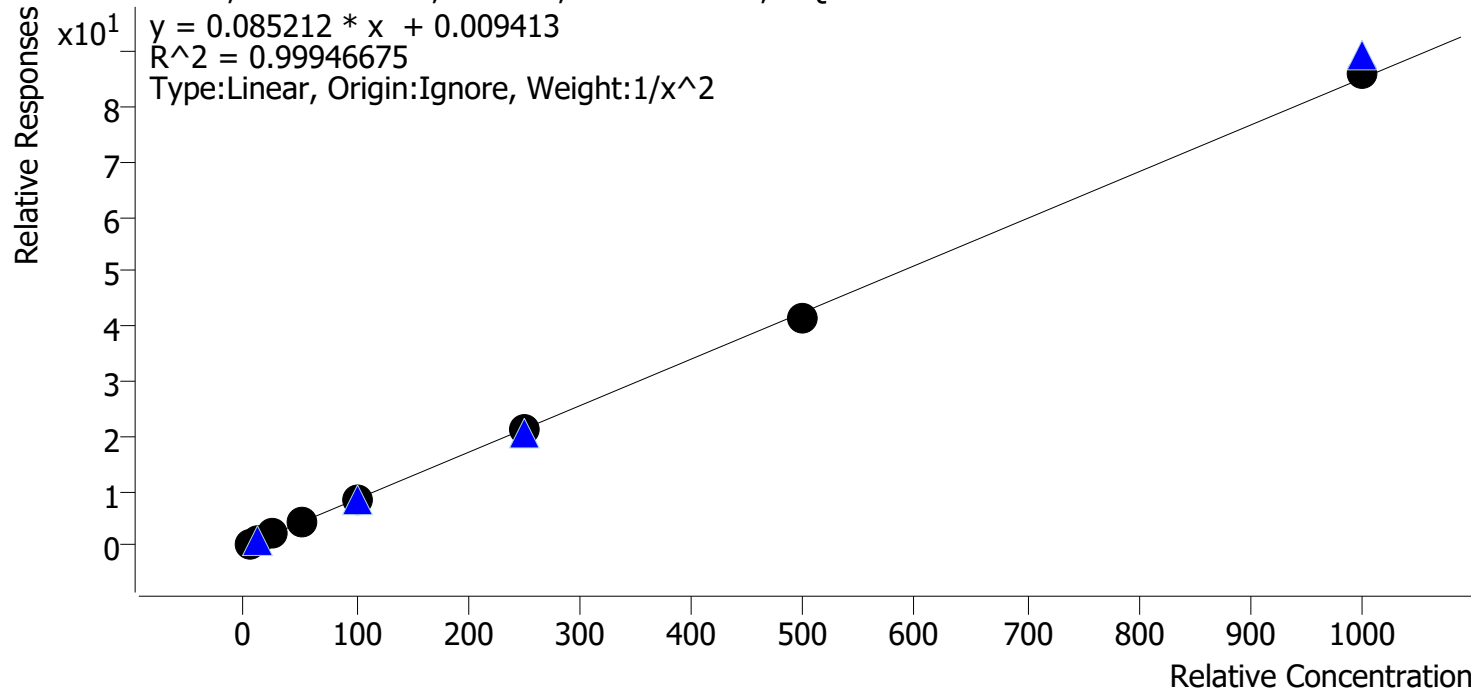


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.5	104.6
cal 3 mdq	3	✓	25.0	26.8	107.3
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdqr	6	✓	250.0	227.1	90.8
cal 7 mdq	7	✗	500.0	377.7	75.5
cal 8 mdq	8	✗	1000.0	635.8	63.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin		
Last Cal. Update	3/27/2023 9:30 AM		
Analyst Name	ISP\datastor		
Analyte	MDMA	Internal Standard	MDMA-D6

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

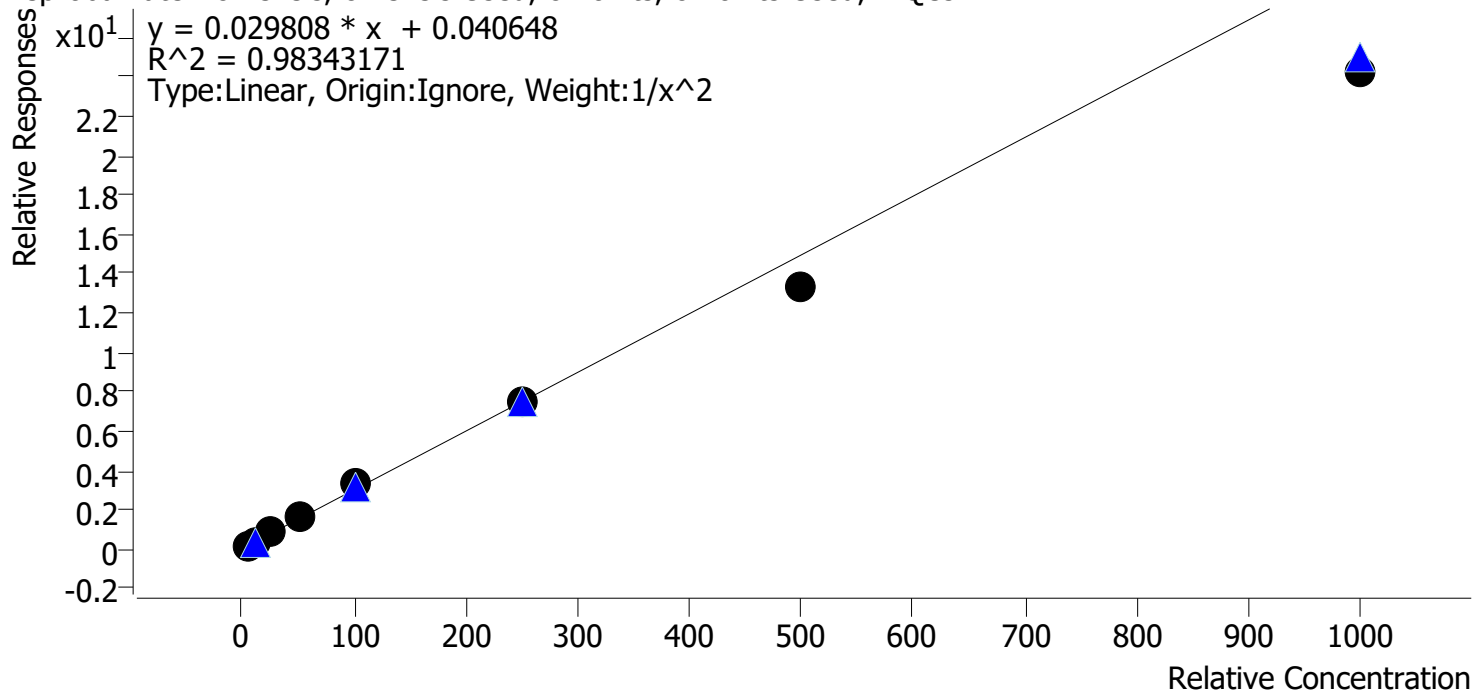


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdqr	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	484.9	97.0
cal 8 mdq	8	✓	1000.0	1007.2	100.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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

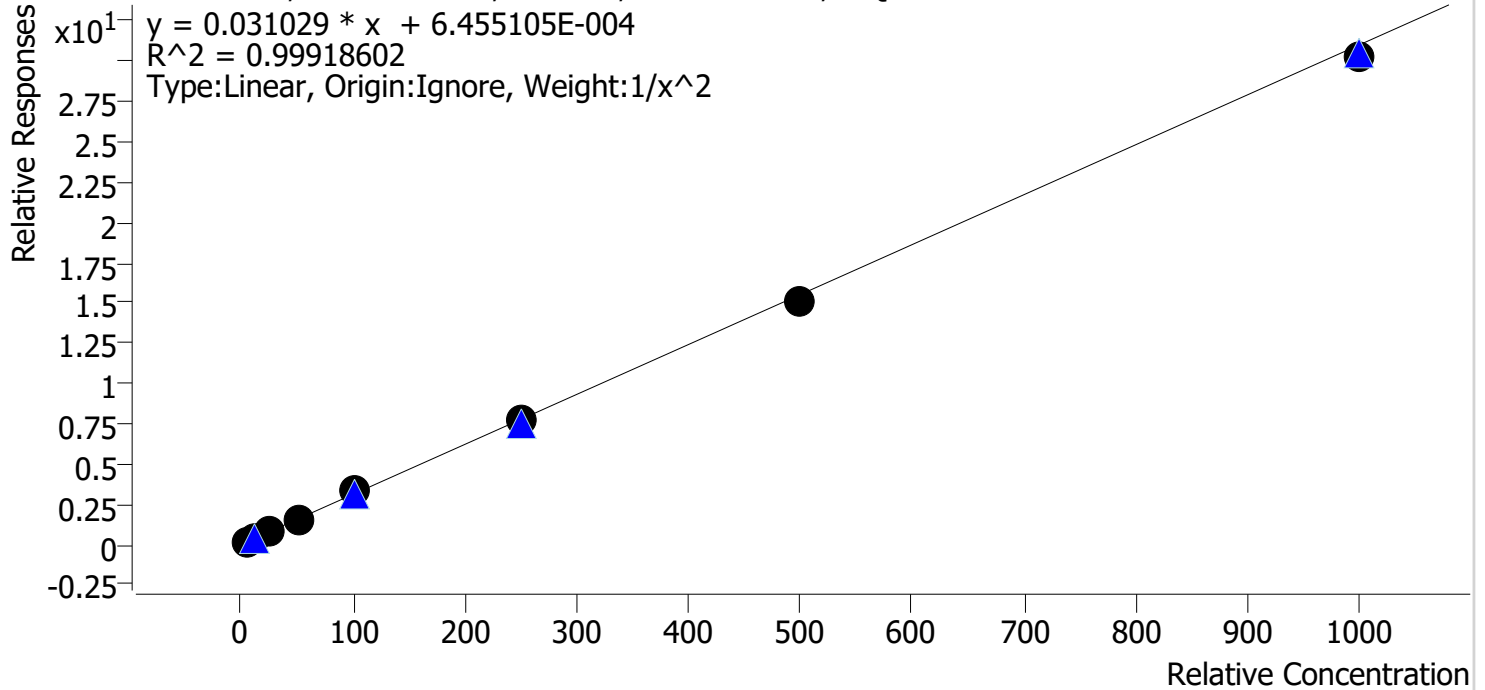


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.4
cal 2 mdq	2	✓	10.0	10.3	103.2
cal 3 mdq	3	✓	25.0	28.5	114.2
cal 4 mdq	4	✓	50.0	54.5	109.1
cal 5 mdq	5	✓	100.0	109.7	109.7
cal 6 mdqr	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	446.1	89.2
cal 8 mdq	8	✓	1000.0	812.6	81.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

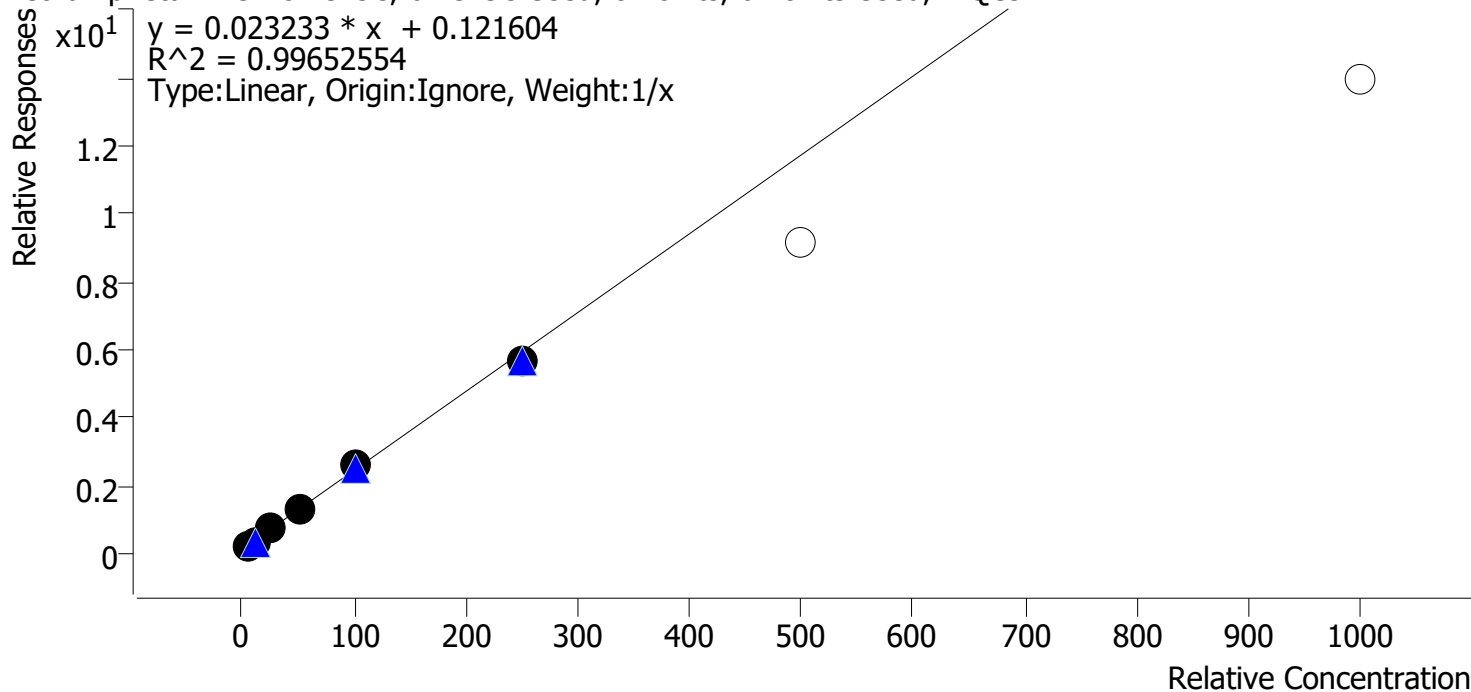


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdqr	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	489.9	98.0
cal 8 mdq	8	✓	1000.0	975.5	97.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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

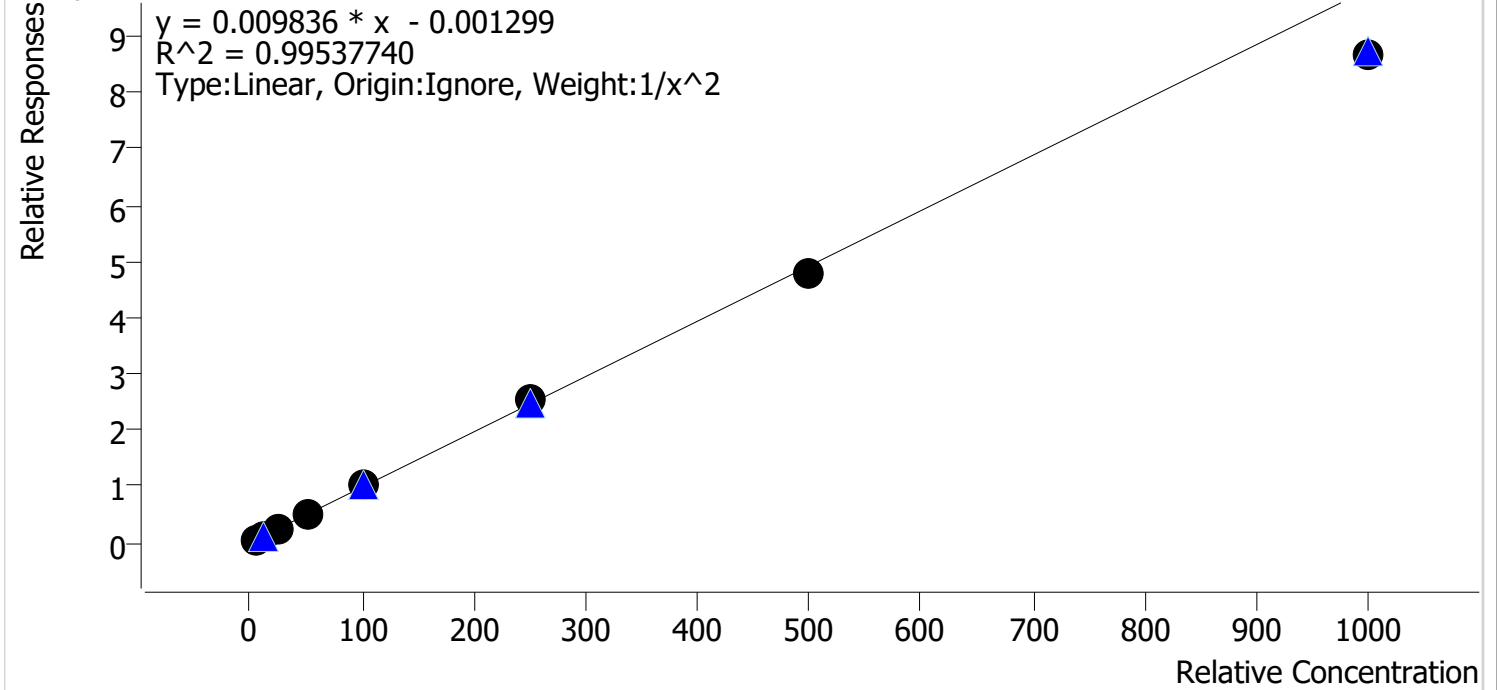


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.3	85.1
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	27.1	108.5
cal 4 mdq	4	✓	50.0	52.1	104.1
cal 5 mdq	5	✓	100.0	106.5	106.5
cal 6 mdqr	6	✓	250.0	240.1	96.0
cal 7 mdq	7	✗	500.0	387.0	77.4
cal 8 mdq	8	✗	1000.0	597.6	59.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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

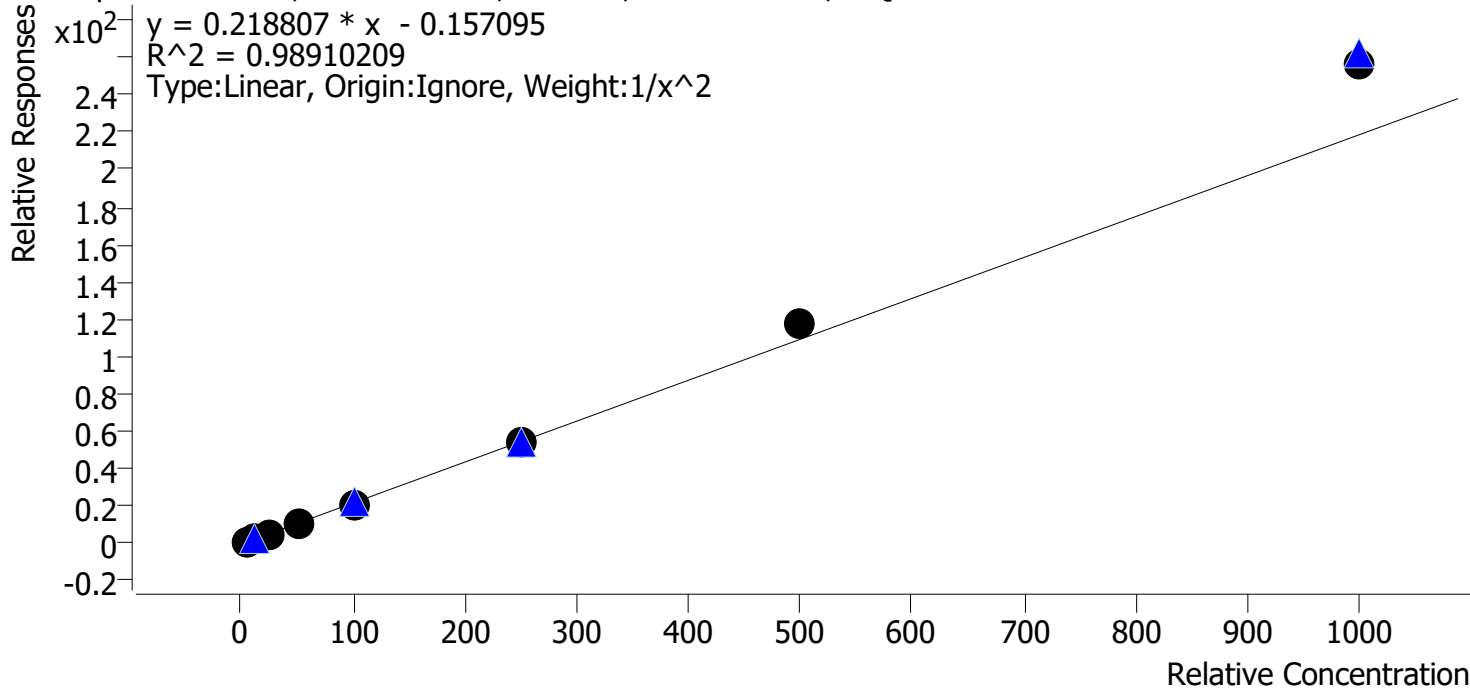


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.3	103.2
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	53.0	106.1
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdqr	6	✓	250.0	259.7	103.9
cal 7 mdq	7	✓	500.0	485.6	97.1
cal 8 mdq	8	✓	1000.0	880.6	88.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** MDMA-D6

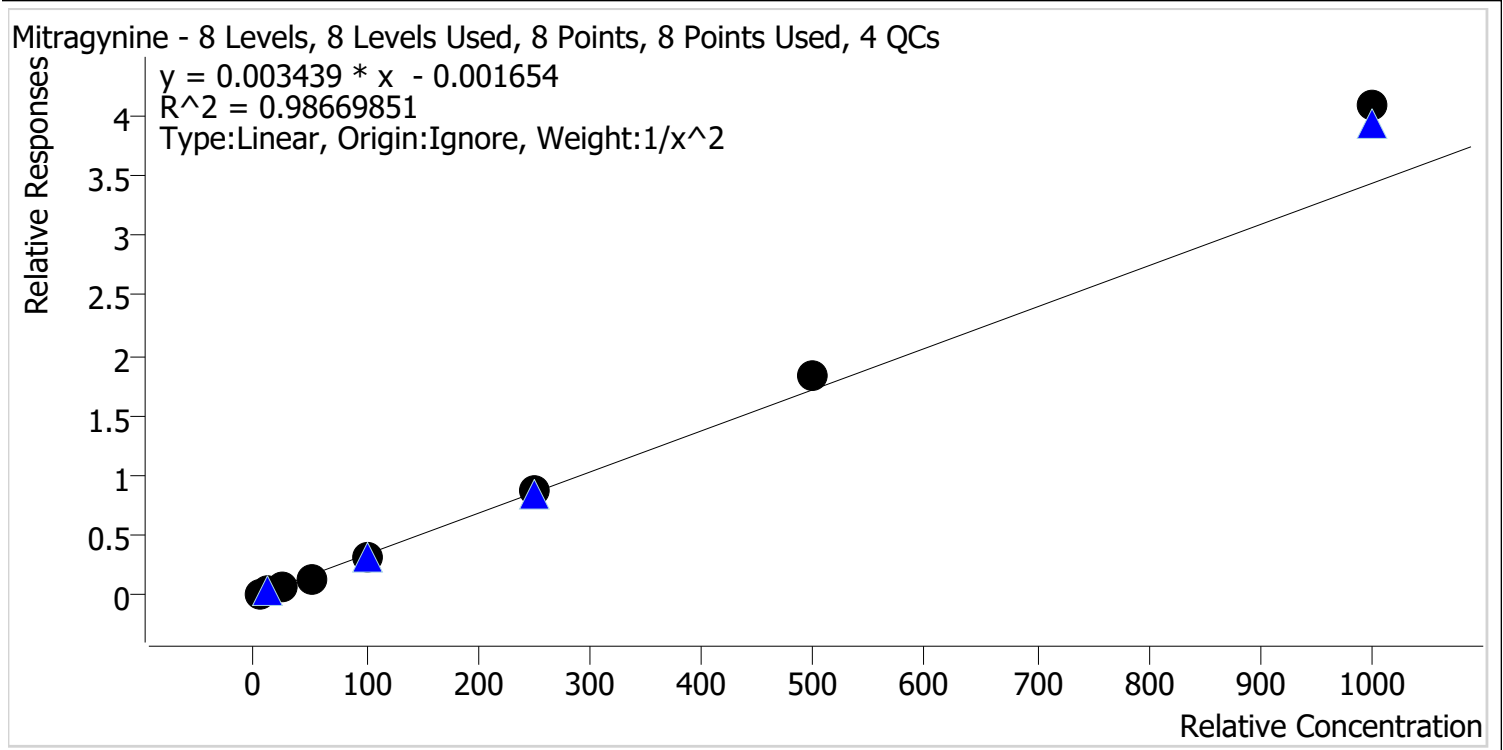
Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.2
cal 2 mdq	2	✓	10.0	9.5	95.0
cal 3 mdq	3	✓	25.0	22.9	91.6
cal 4 mdq	4	✓	50.0	46.2	92.4
cal 5 mdq	5	✓	100.0	93.6	93.6
cal 6 mdqr	6	✓	250.0	244.8	97.9
cal 7 mdq	7	✓	500.0	534.0	106.8
cal 8 mdq	8	✓	1000.0	1175.7	117.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

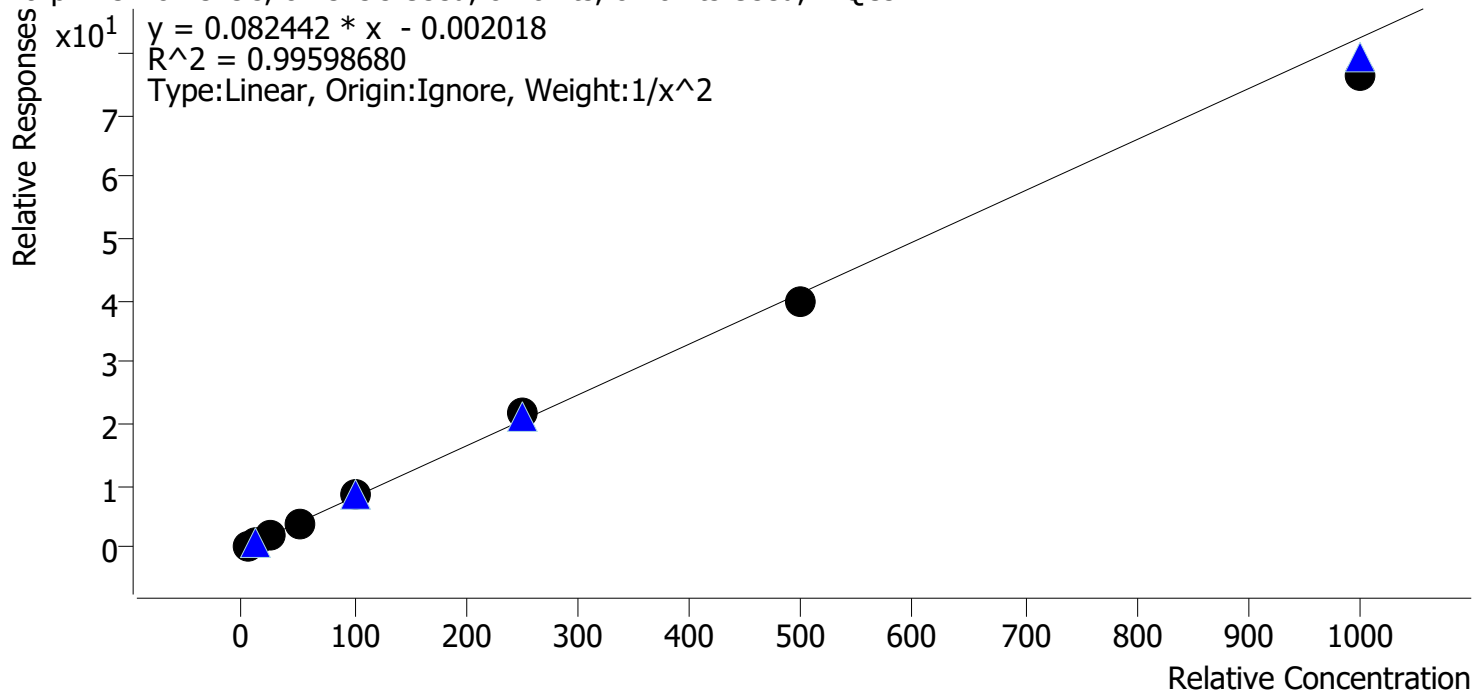


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.5
cal 2 mdq	2	✓	10.0	9.6	95.8
cal 3 mdq	3	✓	25.0	22.4	89.6
cal 4 mdq	4	✓	50.0	44.0	87.9
cal 5 mdq	5	✓	100.0	95.6	95.6
cal 6 mdqr	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	529.6	105.9
cal 8 mdq	8	✓	1000.0	1188.2	118.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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

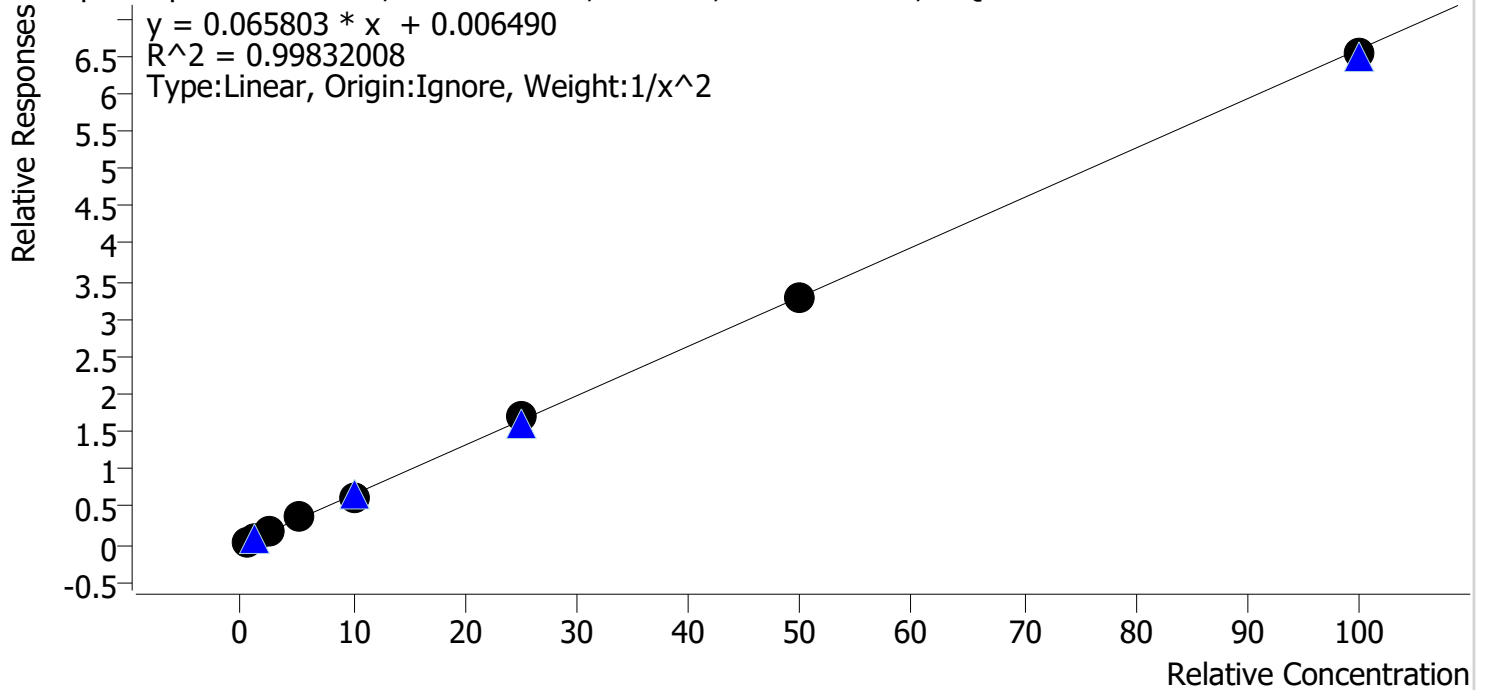


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.6	105.8
cal 3 mdq	3	✓	25.0	26.4	105.7
cal 4 mdq	4	✓	50.0	47.2	94.5
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdqr	6	✓	250.0	264.0	105.6
cal 7 mdq	7	✓	500.0	482.1	96.4
cal 8 mdq	8	✓	1000.0	929.0	92.9

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin		
Last Cal. Update	3/27/2023 9:30 AM		
Analyst Name	ISP\datastor		
Analyte	Norbuprenorphine	Internal Standard	Norbuprenorphine-D3

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

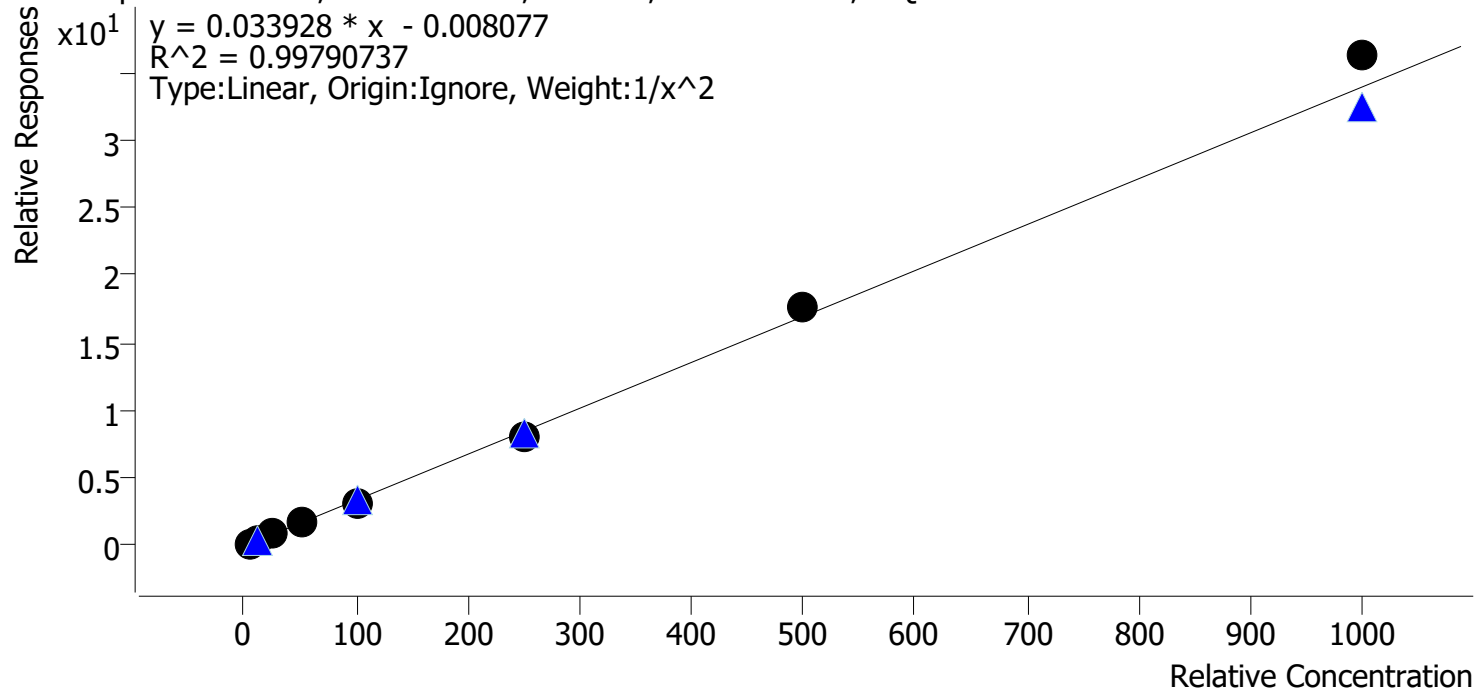


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	101.2
cal 2 mdq	2	✓	1.0	1.0	96.9
cal 3 mdq	3	✓	2.5	2.5	99.4
cal 4 mdq	4	✓	5.0	5.3	106.9
cal 5 mdq	5	✓	10.0	9.5	95.1
cal 6 mdqr	6	✓	25.0	25.5	102.2
cal 7 mdq	7	✓	50.0	49.6	99.2
cal 8 mdq	8	✓	100.0	99.1	99.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

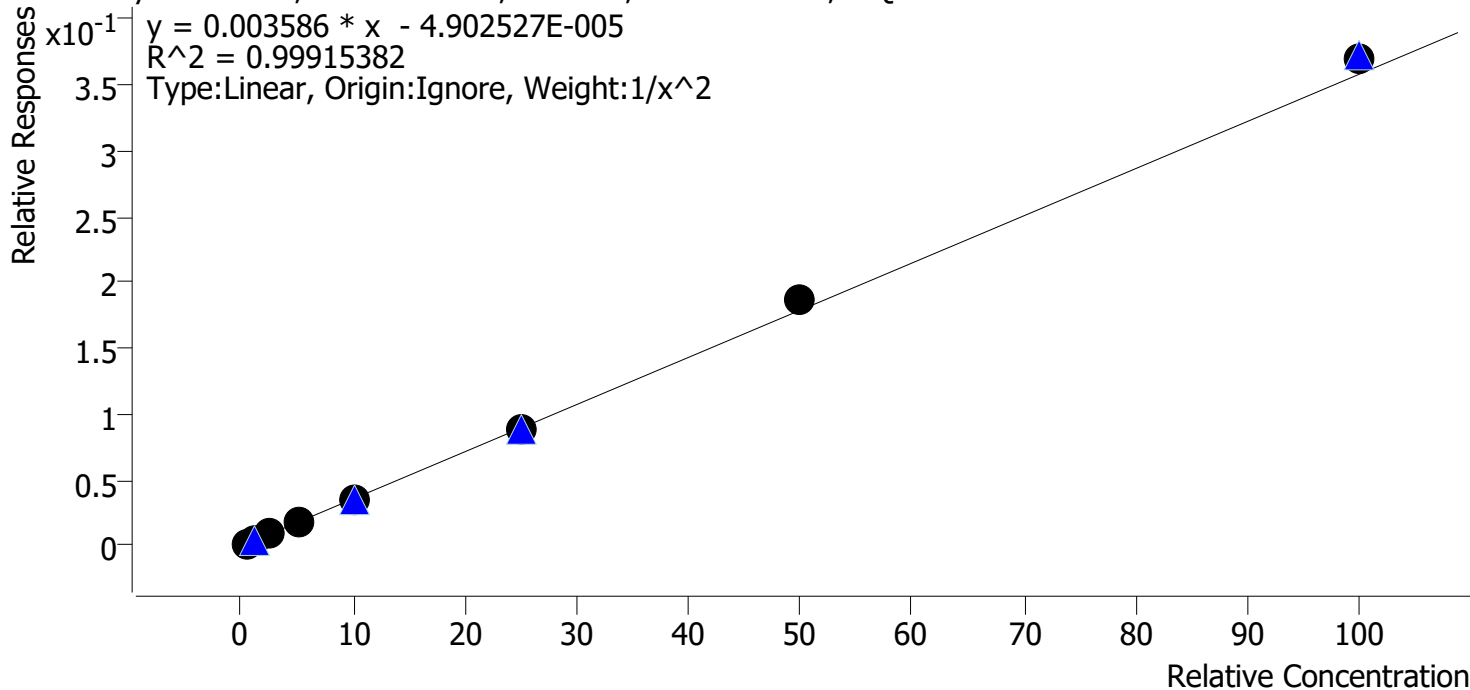


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	94.4	94.4
cal 6 mdqr	6	✓	250.0	241.4	96.5
cal 7 mdq	7	✓	500.0	518.5	103.7
cal 8 mdq	8	✓	1000.0	1068.4	106.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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

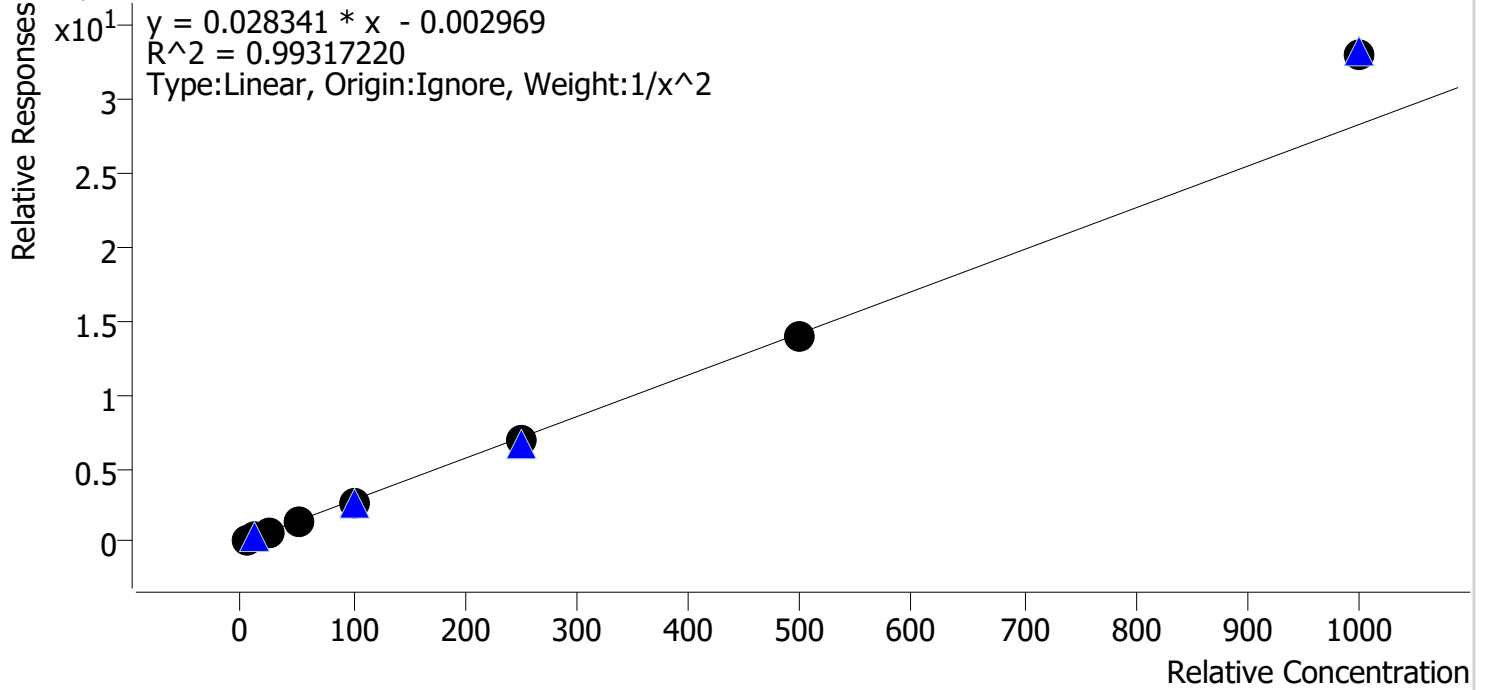


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.5
cal 2 mdq	2	✓	1.0	1.0	100.5
cal 3 mdq	3	✓	2.5	2.4	98.0
cal 4 mdq	4	✓	5.0	4.9	97.7
cal 5 mdq	5	✓	10.0	9.8	98.4
cal 6 mdqr	6	✓	25.0	24.4	97.7
cal 7 mdq	7	✓	50.0	52.0	104.0
cal 8 mdq	8	✓	100.0	103.3	103.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

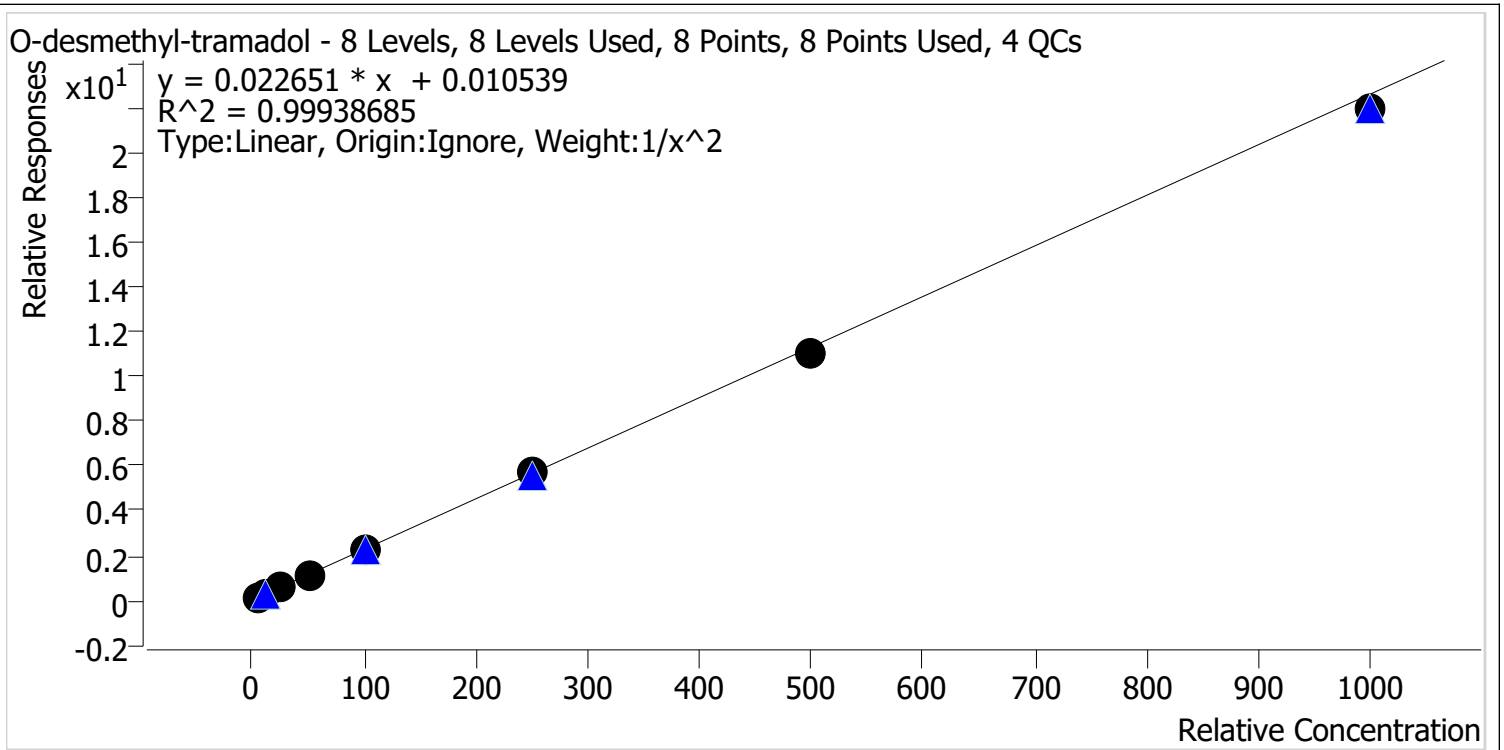
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	46.6	93.2
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdqr	6	✓	250.0	241.4	96.6
cal 7 mdq	7	✓	500.0	491.1	98.2
cal 8 mdq	8	✓	1000.0	1167.6	116.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin		
Last Cal. Update	3/27/2023 9:30 AM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6

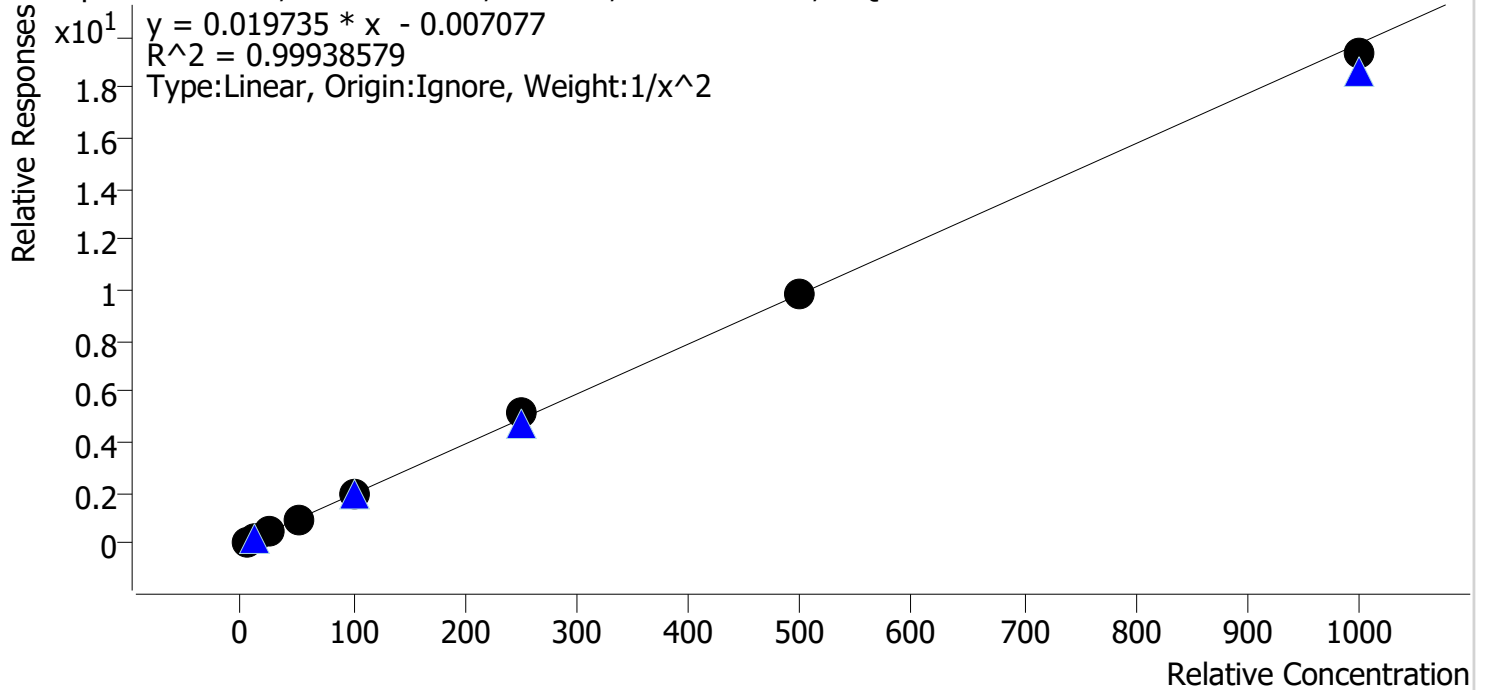


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdqr	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	490.7	98.1
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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

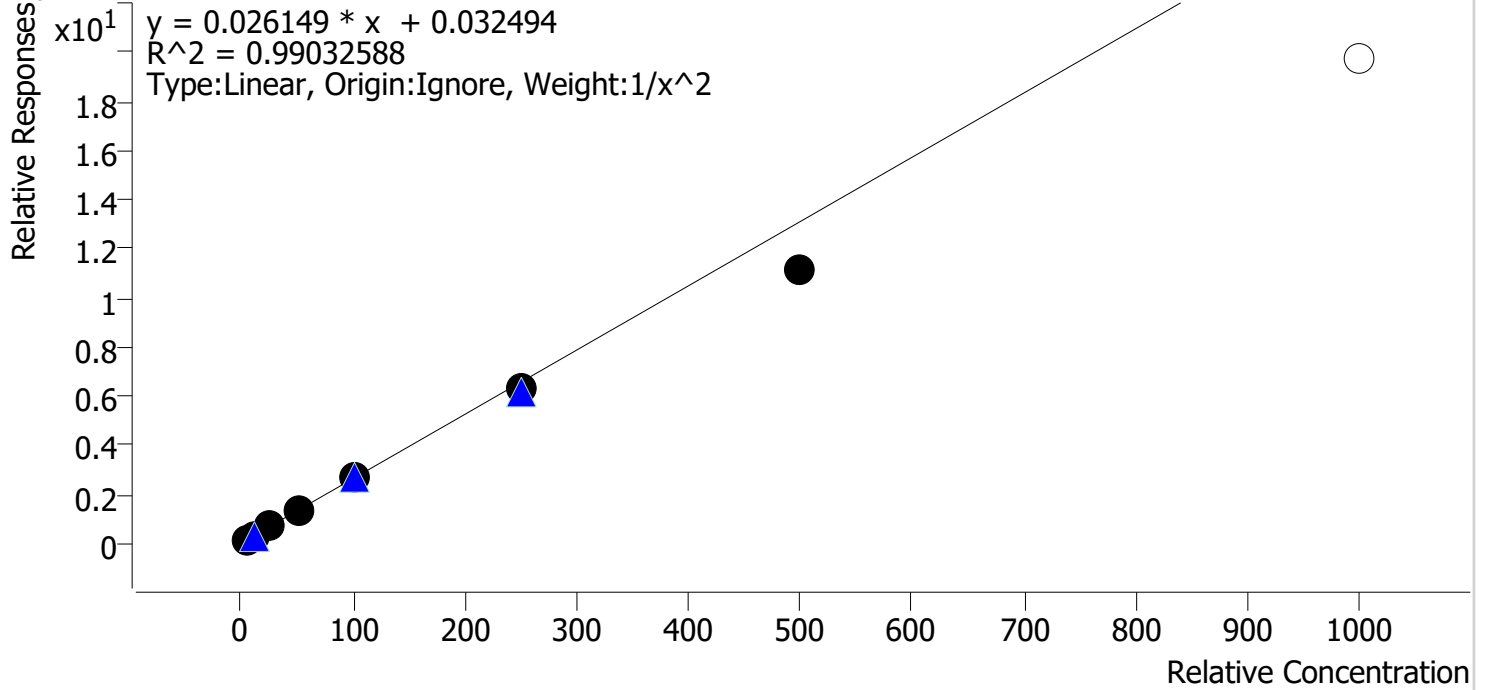


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	49.2	98.5
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdqr	6	✓	250.0	259.8	103.9
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	980.0	98.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

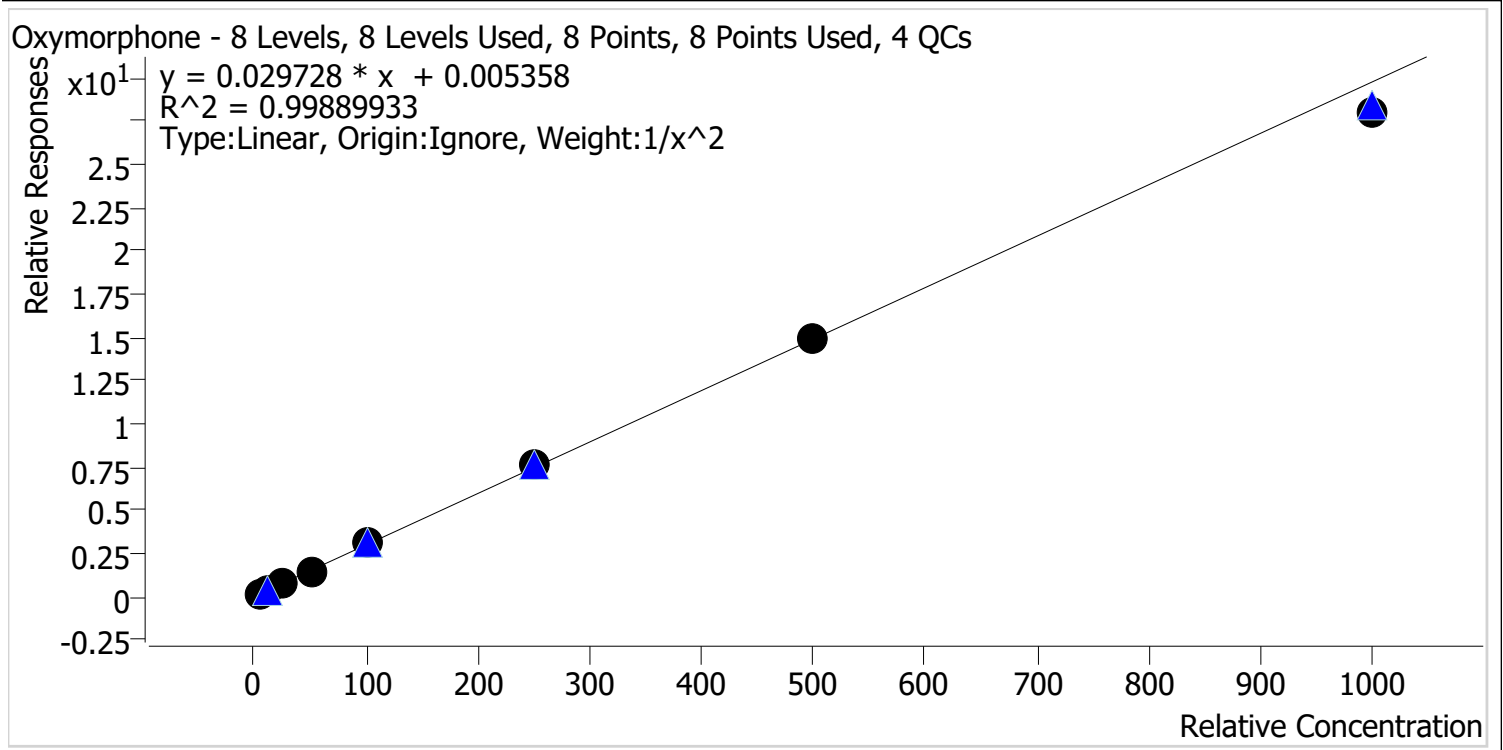
Oxycodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	27.9	111.8
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdqr	6	✓	250.0	243.0	97.2
cal 7 mdq	7	✓	500.0	426.0	85.2
cal 8 mdq	8	✗	1000.0	751.5	75.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

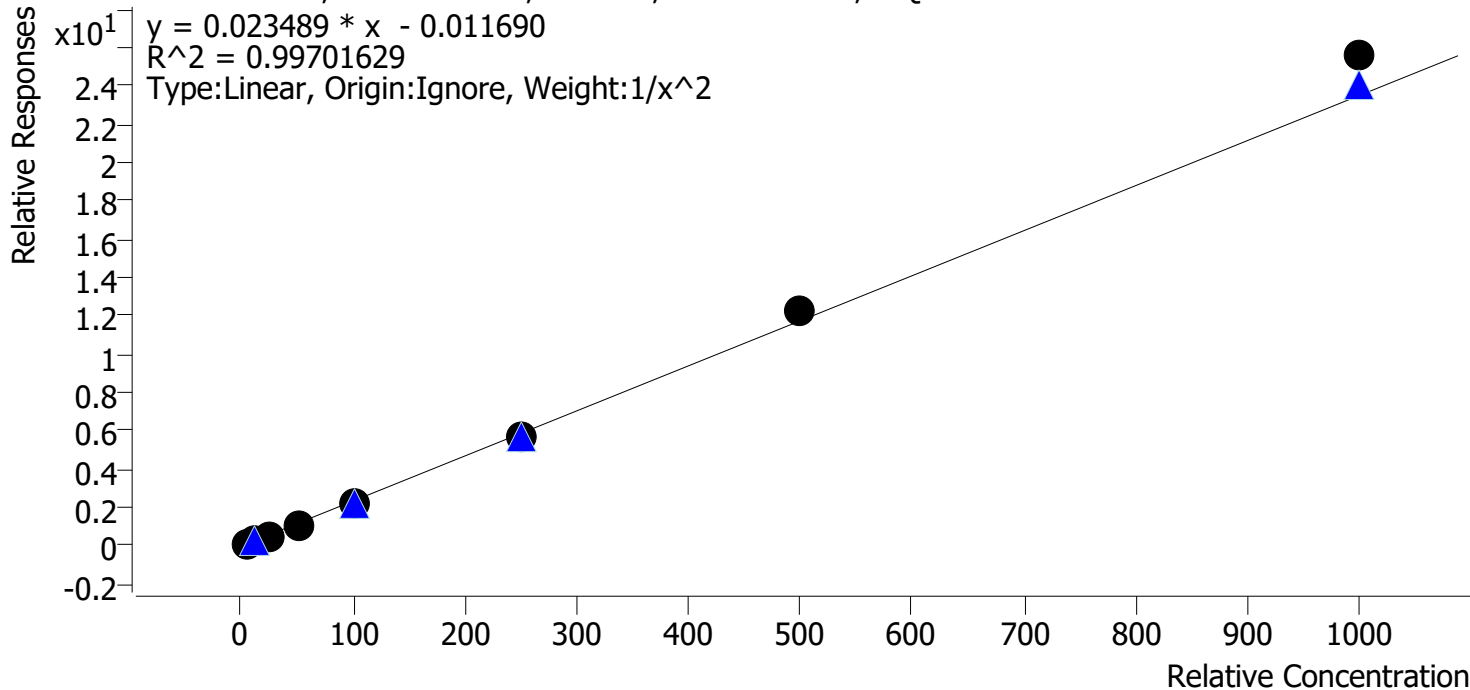


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdqr	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	501.5	100.3
cal 8 mdq	8	✓	1000.0	943.5	94.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

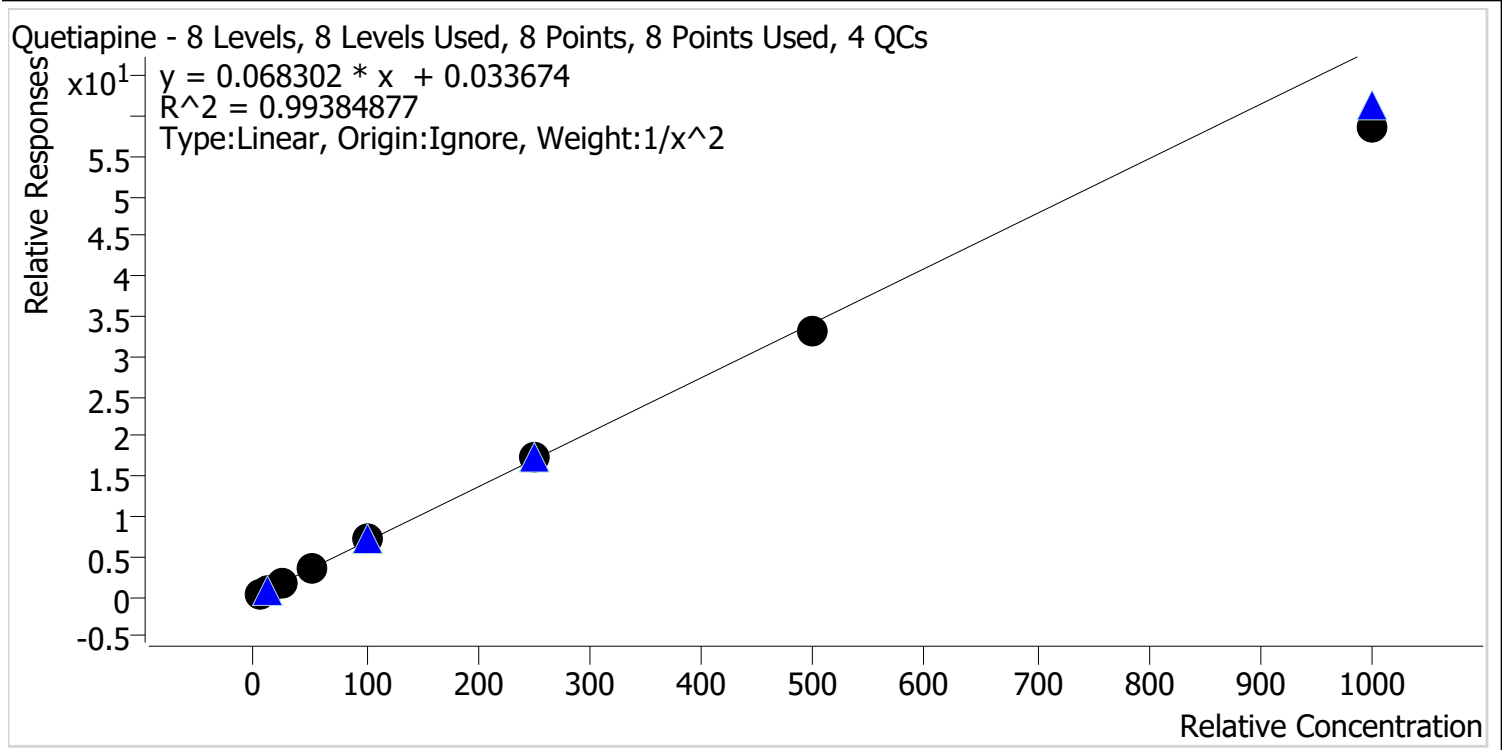
Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	47.1	94.3
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdqr	6	✓	250.0	244.5	97.8
cal 7 mdq	7	✓	500.0	521.3	104.3
cal 8 mdq	8	✓	1000.0	1088.7	108.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

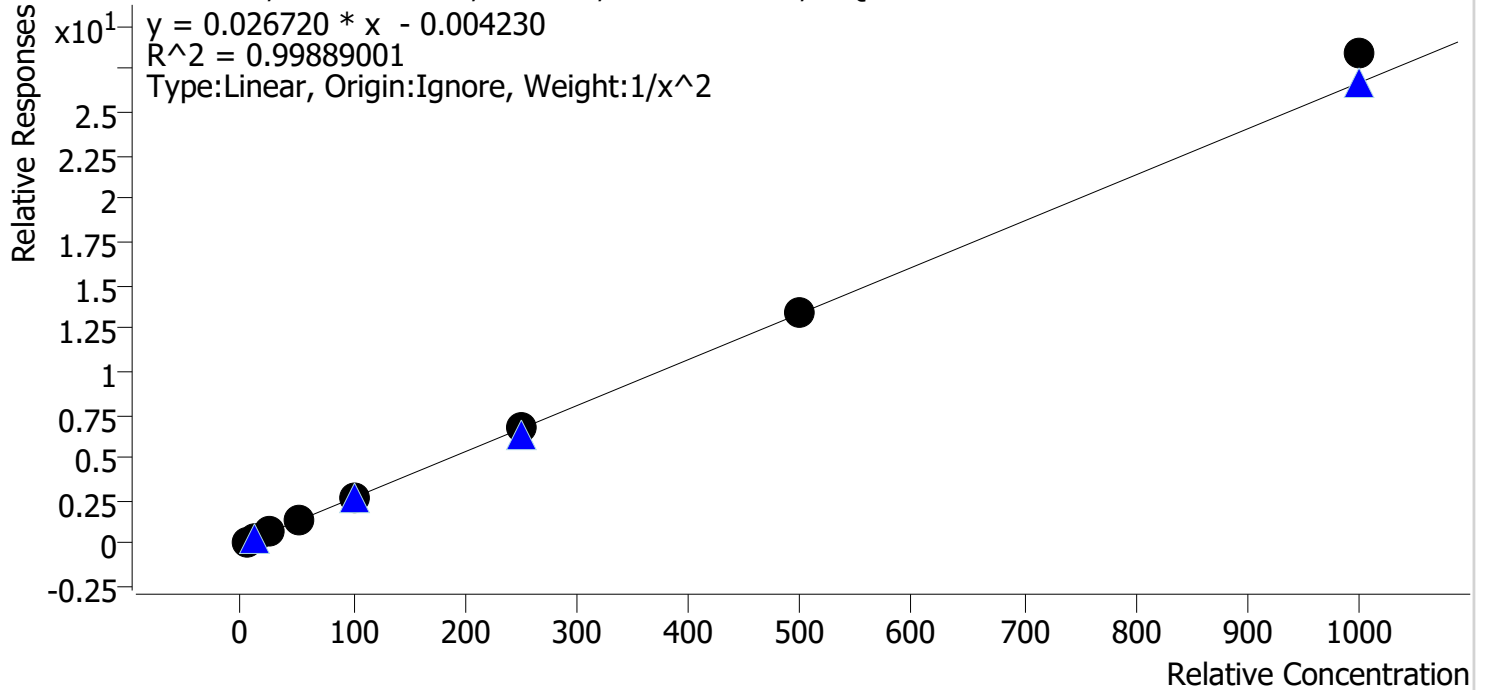


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.7
cal 2 mdq	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	26.5	106.0
cal 4 mdq	4	✓	50.0	51.8	103.7
cal 5 mdq	5	✓	100.0	106.9	106.9
cal 6 mdqr	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	485.3	97.1
cal 8 mdq	8	✓	1000.0	858.8	85.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

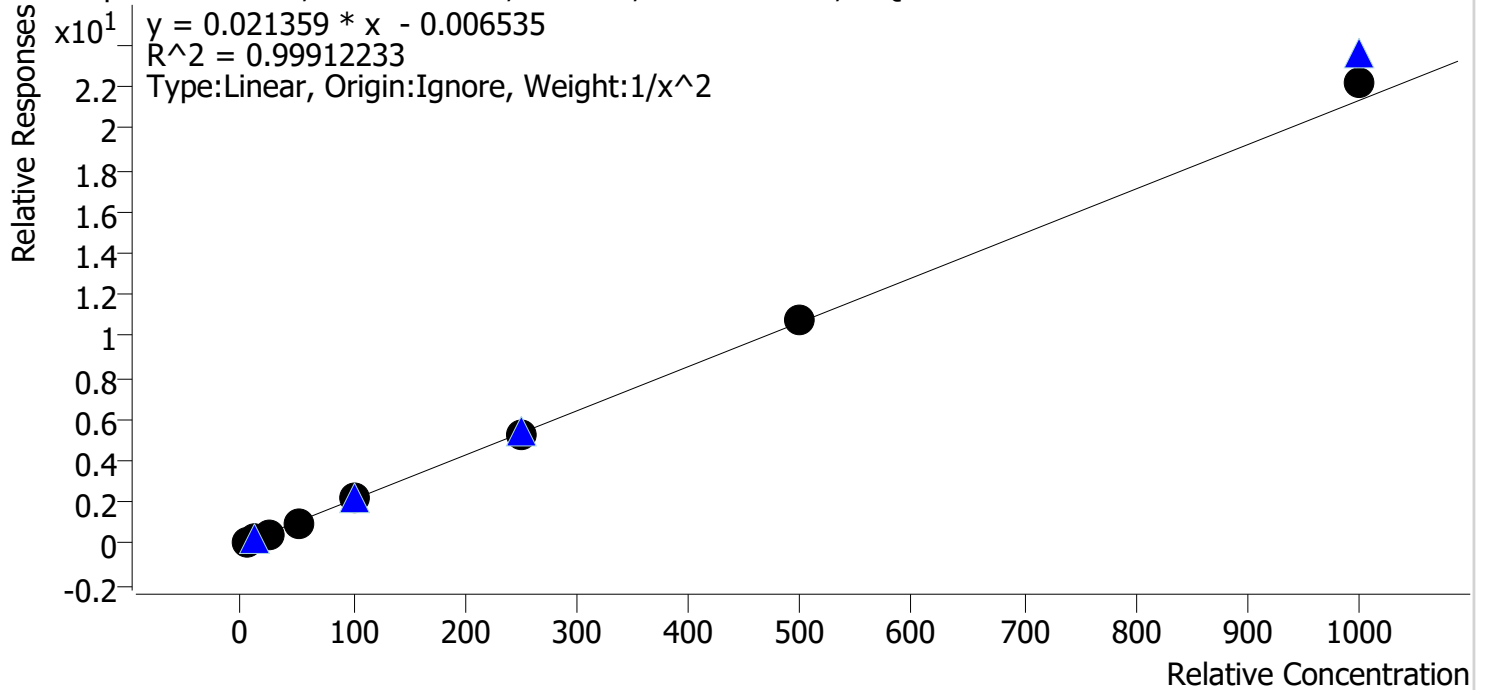


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	48.8	97.5
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdqr	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	498.5	99.7
cal 8 mdq	8	✓	1000.0	1063.2	106.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

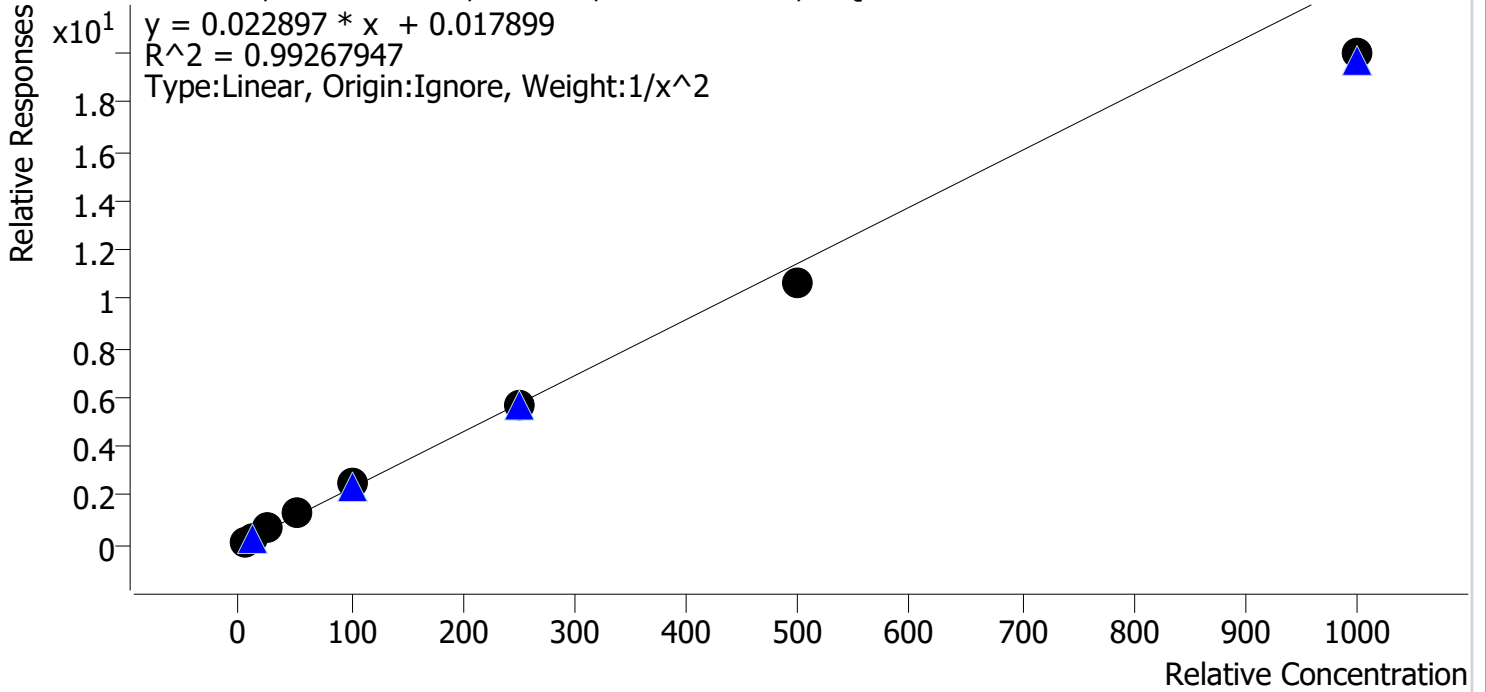


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdqr	6	✓	250.0	245.4	98.2
cal 7 mdq	7	✓	500.0	506.4	101.3
cal 8 mdq	8	✓	1000.0	1043.9	104.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 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



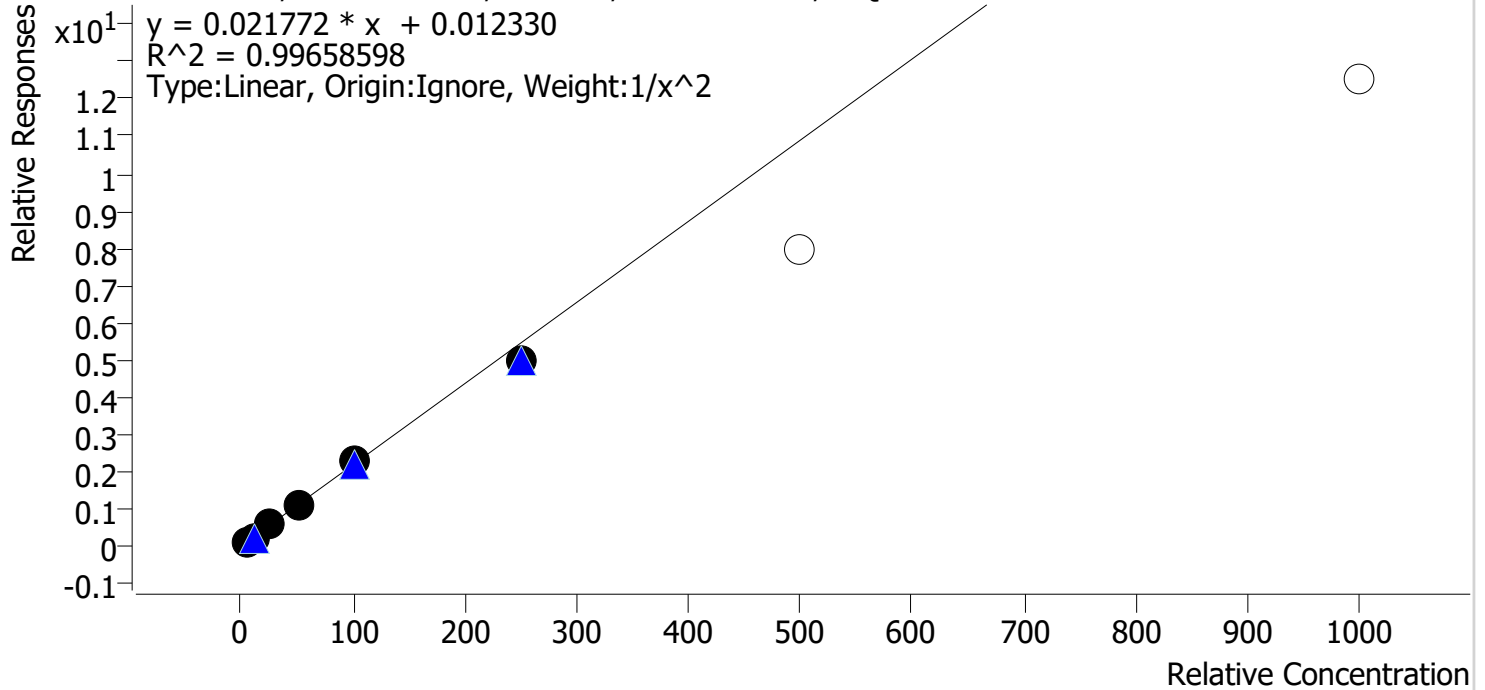
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	26.9	107.8
cal 4 mdq	4	✓	50.0	53.8	107.7
cal 5 mdq	5	✓	100.0	106.8	106.8
cal 6 mdqr	6	✓	250.0	247.1	98.8
cal 7 mdq	7	✓	500.0	466.6	93.3
cal 8 mdq	8	✓	1000.0	872.3	87.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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

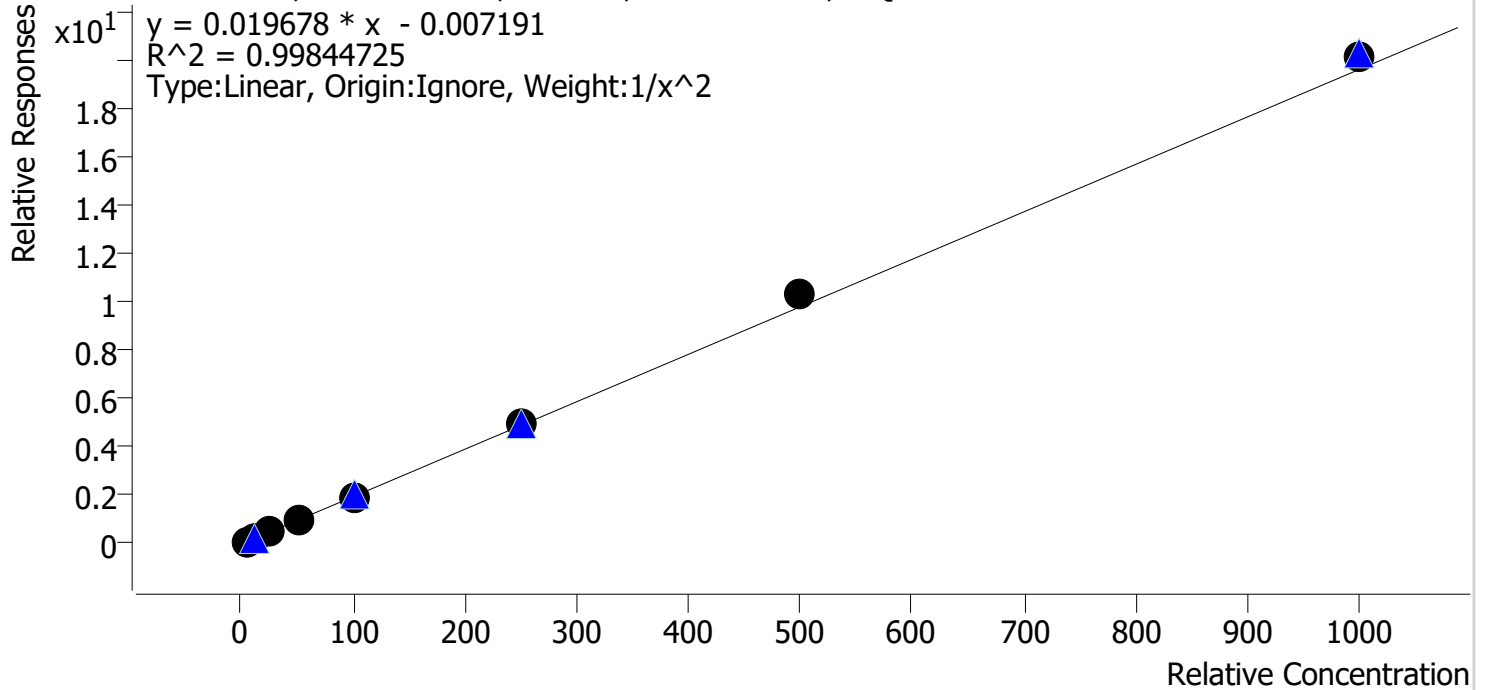


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	51.4	102.7
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdqr	6	✓	250.0	227.5	91.0
cal 7 mdq	7	✗	500.0	366.4	73.3
cal 8 mdq	8	✗	1000.0	575.4	57.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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

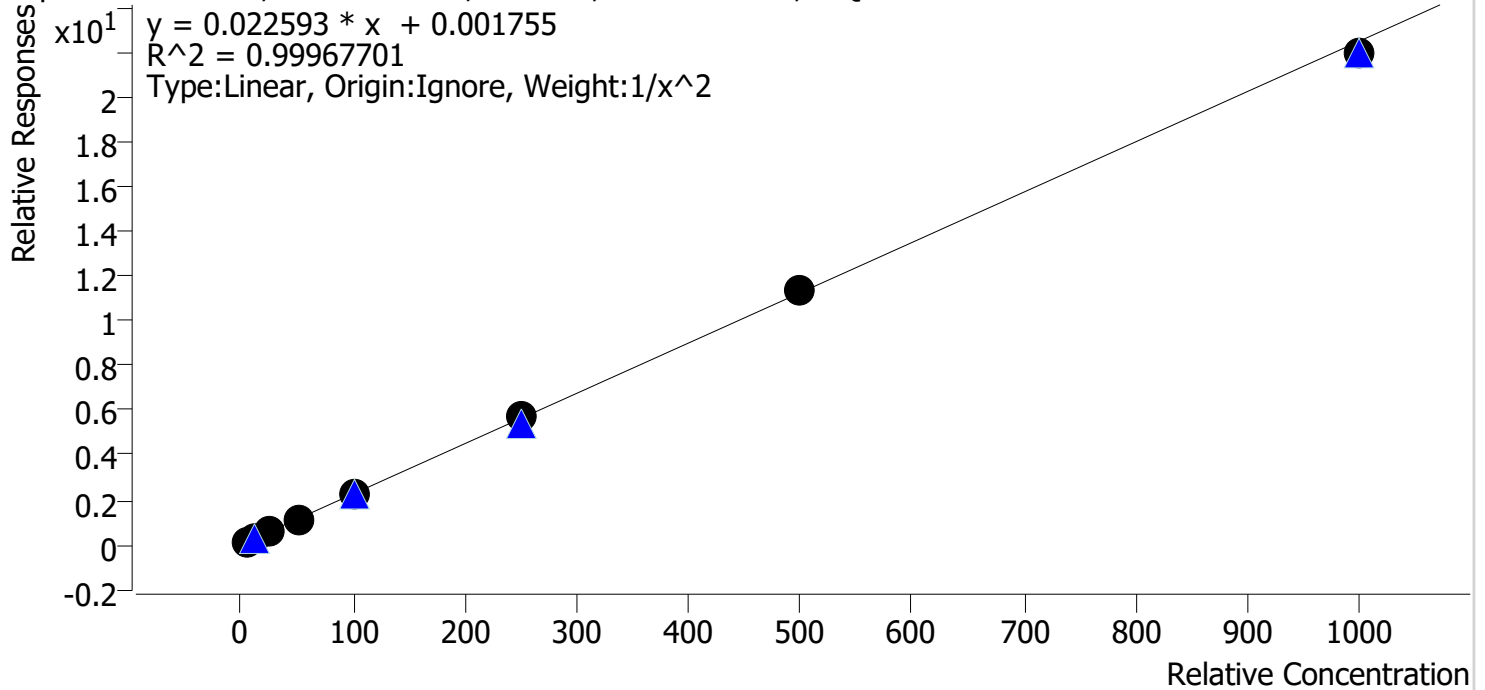


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	48.2	96.5
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdqr	6	✓	250.0	255.7	102.3
cal 7 mdq	7	✓	500.0	524.4	104.9
cal 8 mdq	8	✓	1000.0	1029.0	102.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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

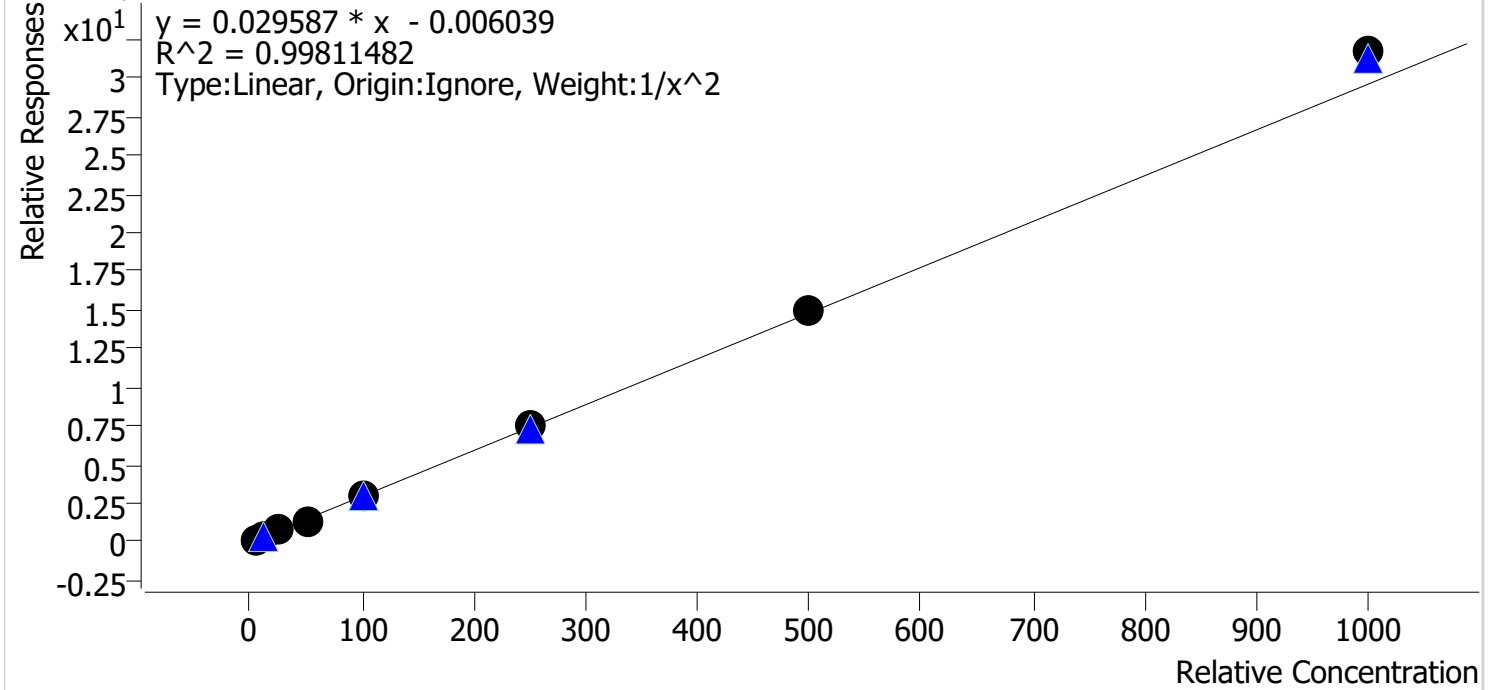


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdqr	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	504.4	100.9
cal 8 mdq	8	✓	1000.0	975.5	97.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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

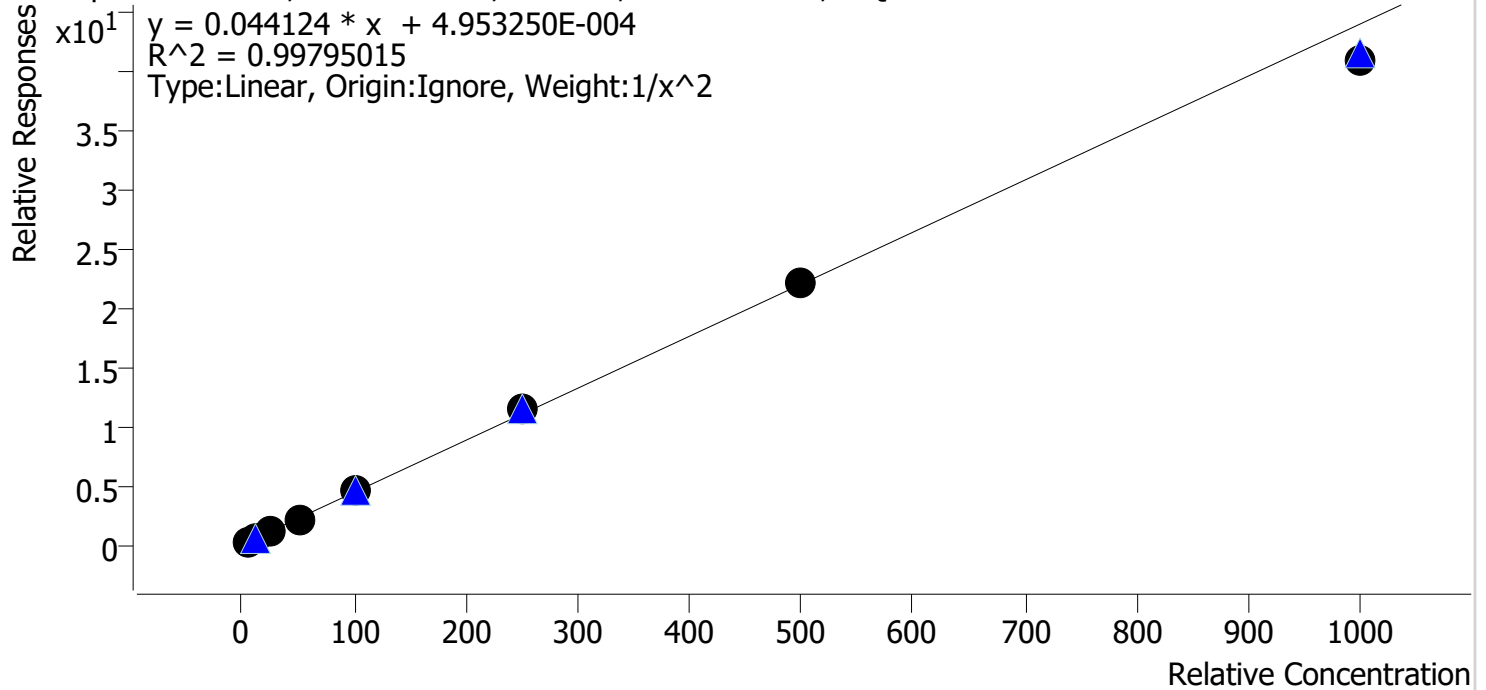


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	47.2	94.4
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdqr	6	✓	250.0	251.2	100.5
cal 7 mdq	7	✓	500.0	509.4	101.9
cal 8 mdq	8	✓	1000.0	1071.1	107.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-d8

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

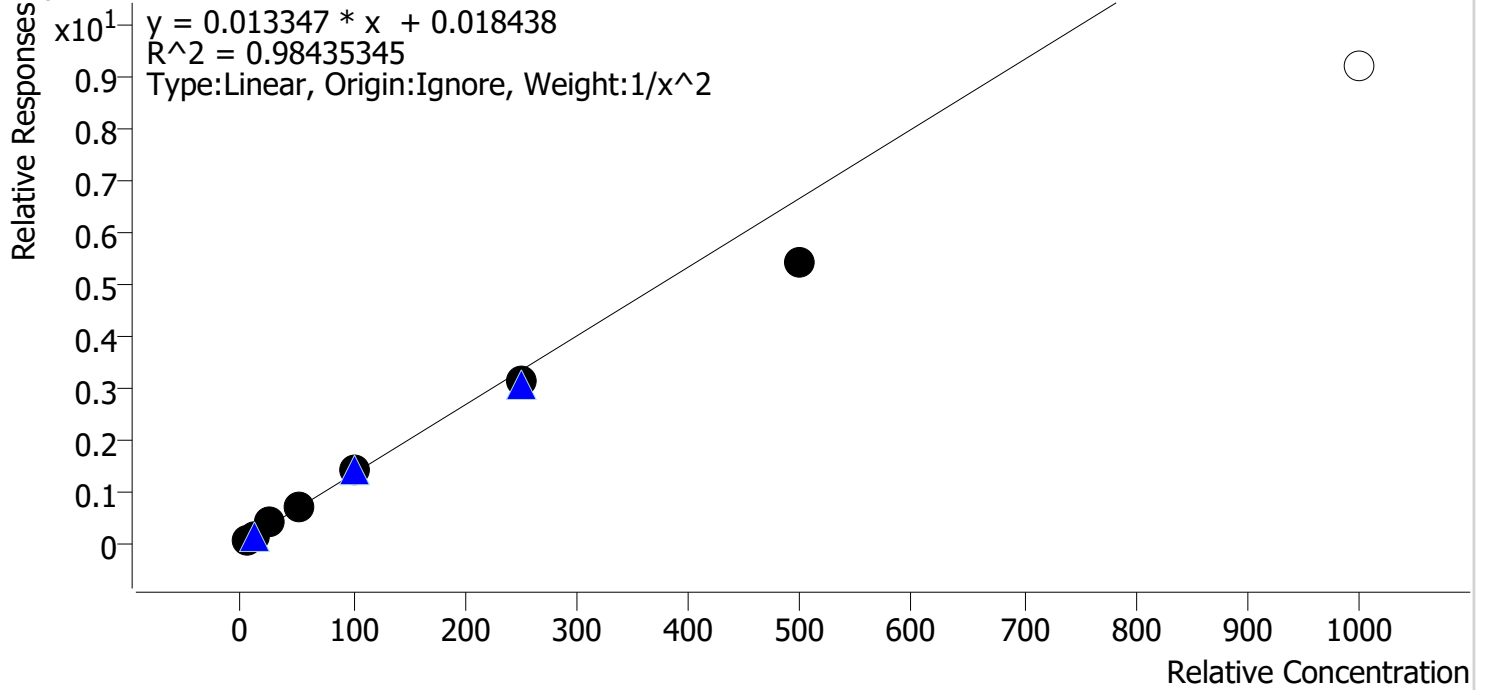


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	105.3	105.3
cal 6 mdqr	6	✓	250.0	261.8	104.7
cal 7 mdq	7	✓	500.0	501.3	100.3
cal 8 mdq	8	✓	1000.0	929.0	92.9

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\032423\QuantResults\mdq.batch.bin		
Last Cal. Update	3/27/2023 9:30 AM		
Analyst Name	ISP\datastor		
Analyte	Dihydrocodeine	Internal Standard	Dihydrocodeine-D6

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

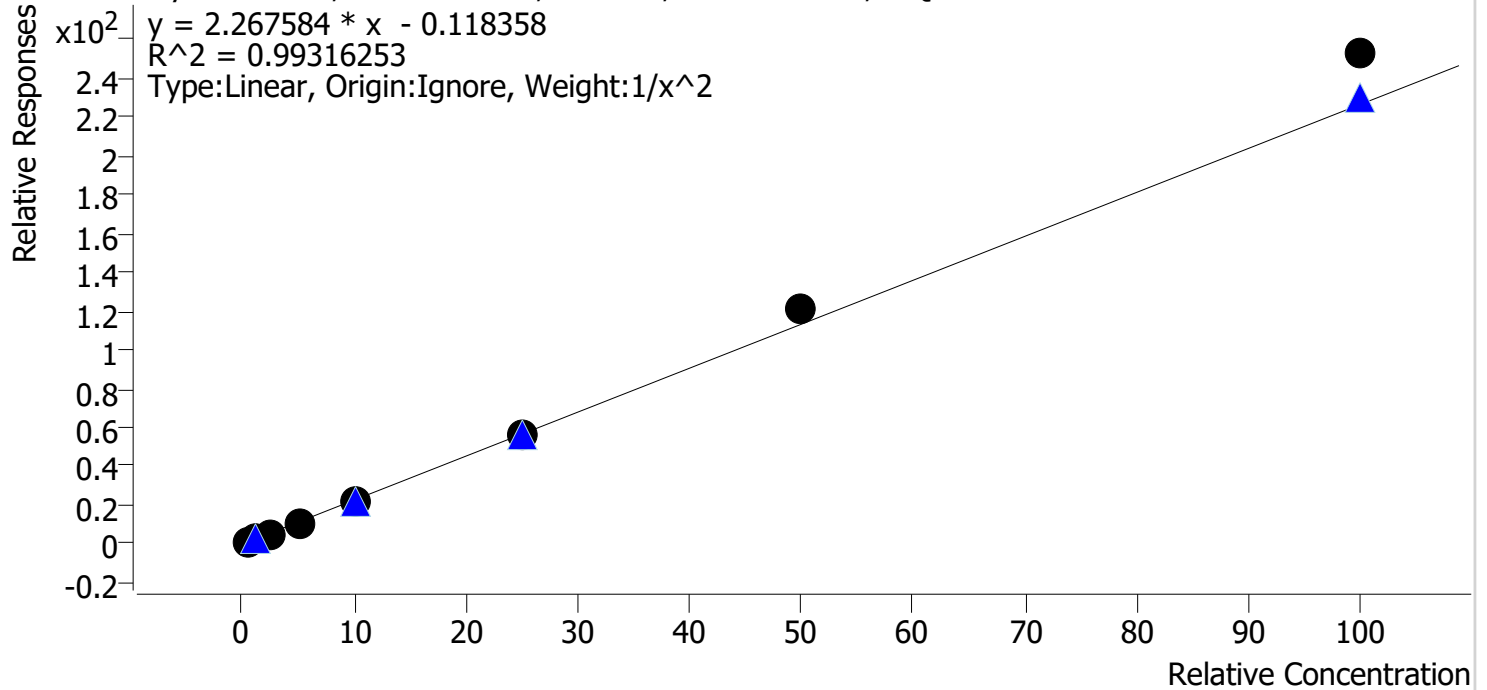


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	28.5	113.9
cal 4 mdq	4	✓	50.0	54.7	109.4
cal 5 mdq	5	✓	100.0	104.9	104.9
cal 6 mdqr	6	✓	250.0	235.1	94.0
cal 7 mdq	7	✓	500.0	409.2	81.8
cal 8 mdq	8	✗	1000.0	692.6	69.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

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

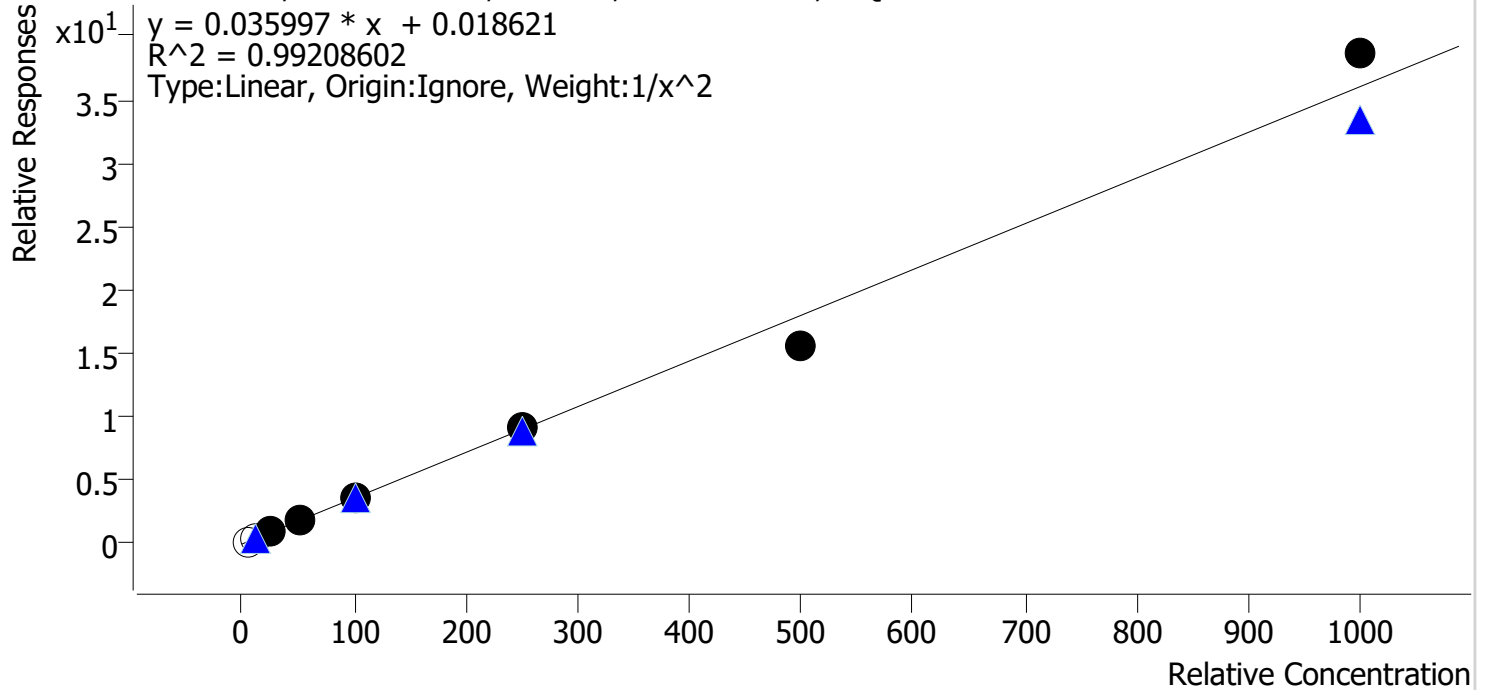


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	105.0
cal 2 mdq	2	✓	1.0	0.9	93.9
cal 3 mdq	3	✓	2.5	2.3	93.6
cal 4 mdq	4	✓	5.0	4.8	95.4
cal 5 mdq	5	✓	10.0	9.4	93.6
cal 6 mdqr	6	✓	25.0	24.8	99.2
cal 7 mdq	7	✓	50.0	53.9	107.9
cal 8 mdq	8	✓	100.0	111.6	111.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-d3

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



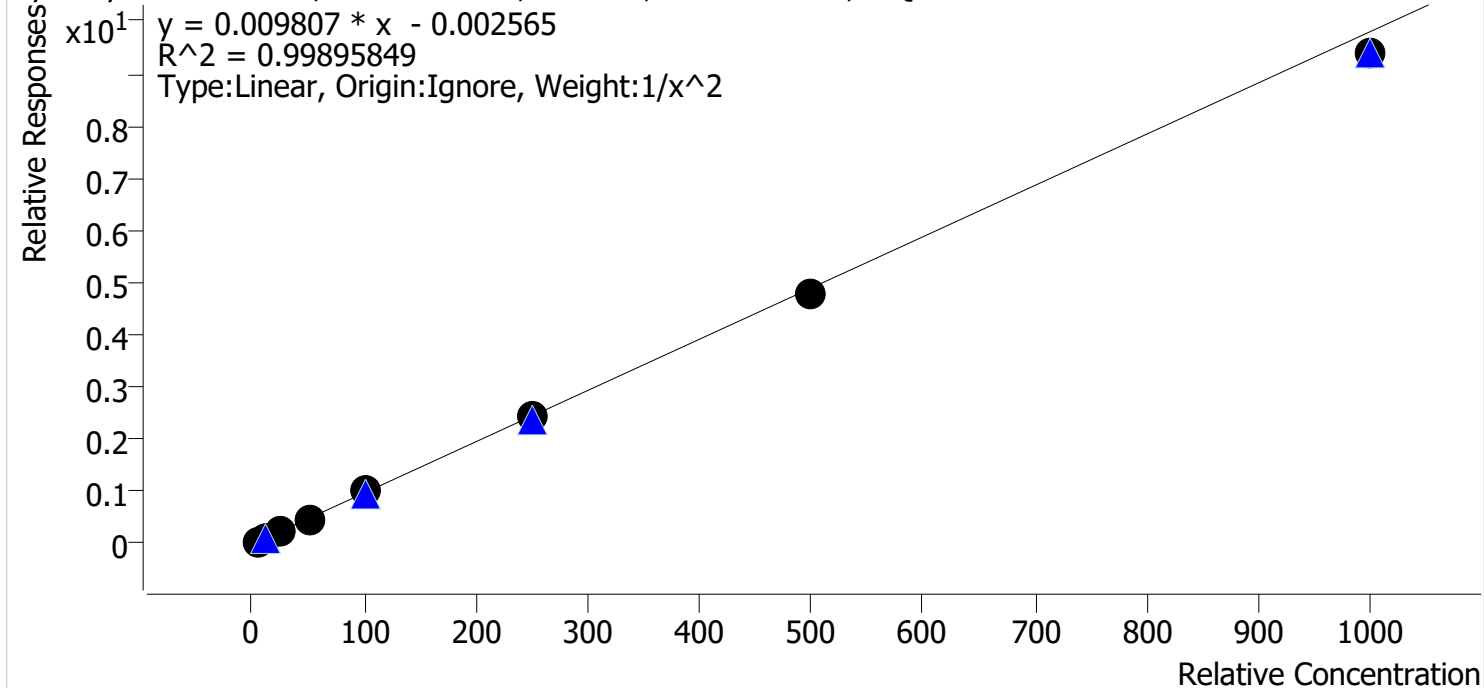
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	4.7	93.1
cal 2 mdq	2	x	10.0	9.6	96.1
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdqr	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	433.4	86.7
cal 8 mdq	8	✓	1000.0	1072.2	107.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\032423\QuantResults\mdq.batch.bin
Last Cal. Update 3/27/2023 9:30 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine

Internal Standard Pseudoephedrine-D3

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

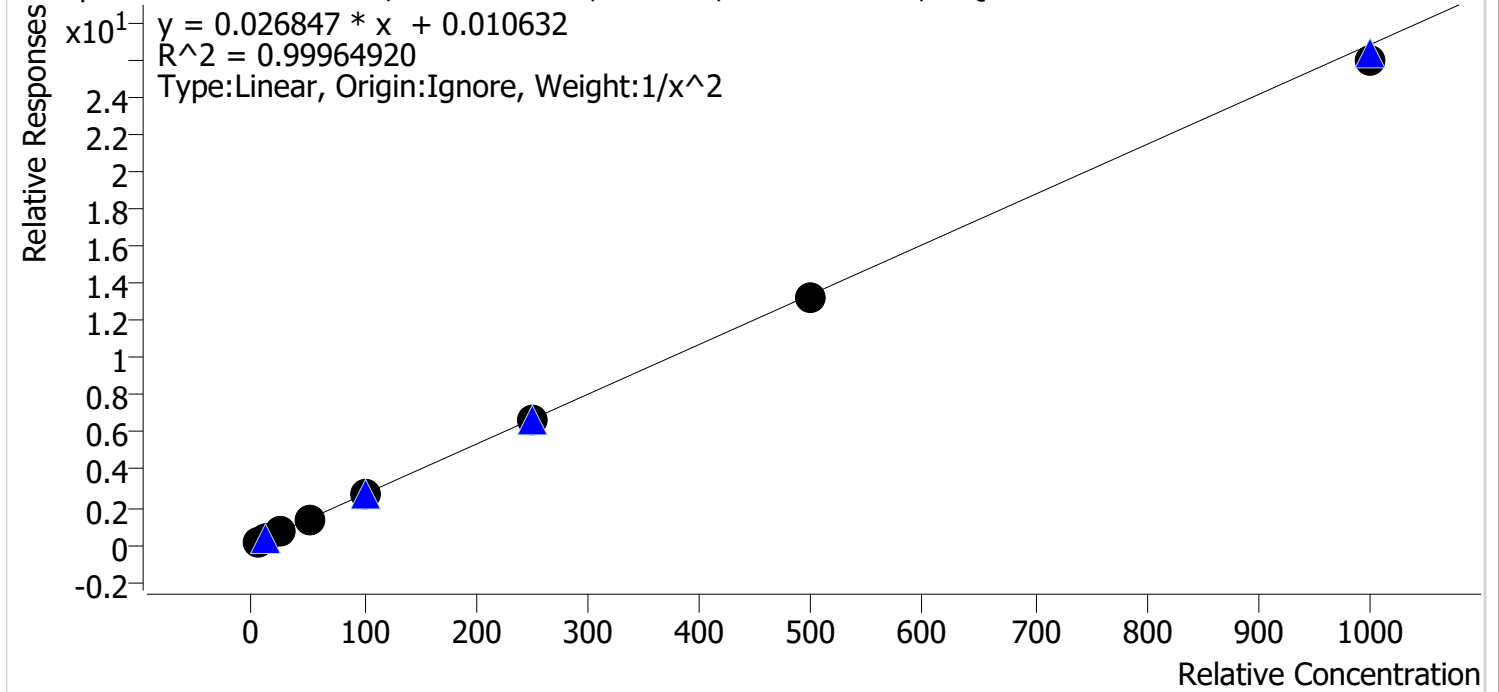


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.3	102.5
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	104.7	104.7
cal 6 mdqr	6	✓	250.0	252.6	101.1
cal 7 mdq	7	✓	500.0	491.1	98.2
cal 8 mdq	8	✓	1000.0	955.8	95.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin		
Last Cal. Update	3/27/2023 9:30 AM		
Analyst Name	ISP\datastor		
Analyte	Chlorpheniramine	Internal Standard	Chlorpheniramine-d6

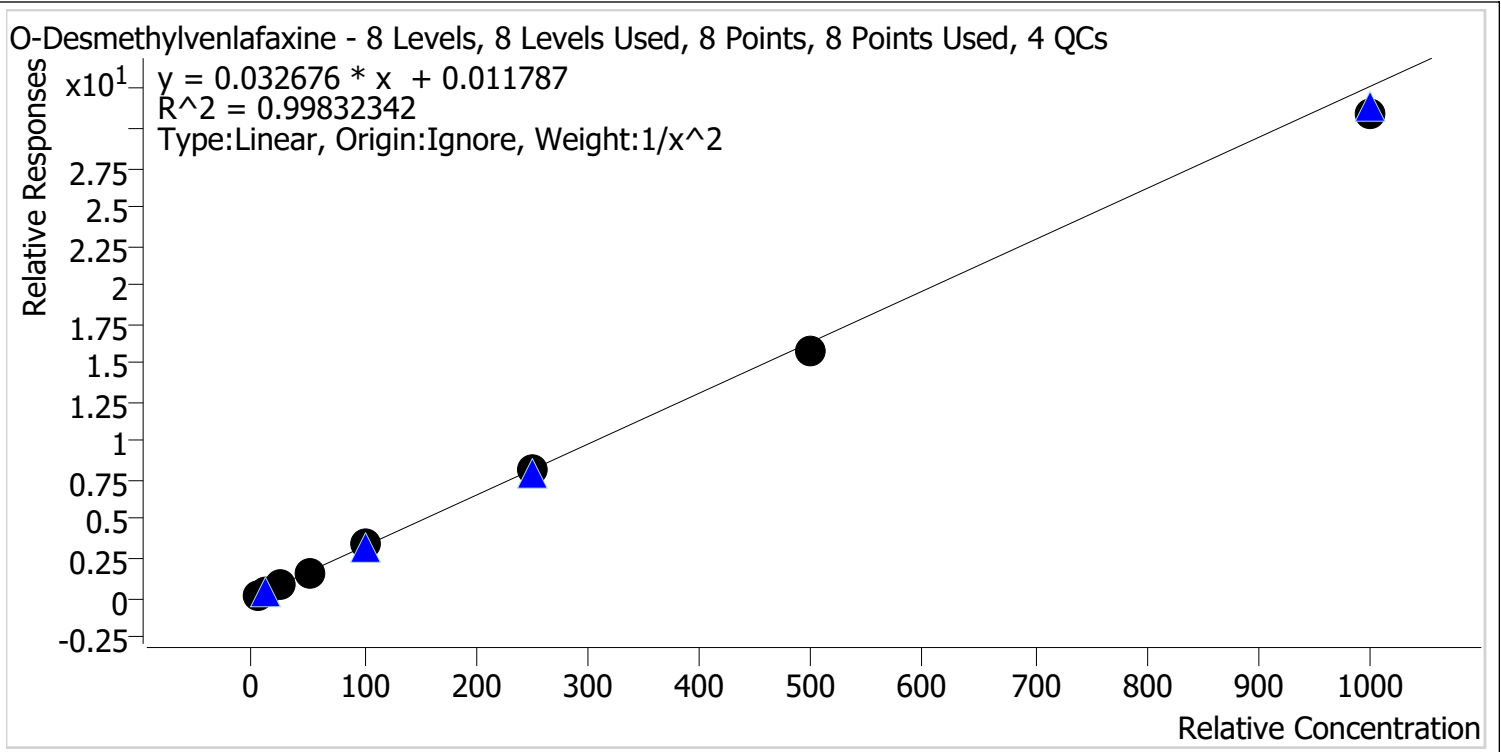
Chlorpheniramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	25.5	101.8
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdqr	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	496.8	99.4
cal 8 mdq	8	✓	1000.0	969.8	97.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\032423\QuantResults\mdq.batch.bin		
Last Cal. Update	3/27/2023 9:30 AM		
Analyst Name	ISP\datastor		
Analyte	O-Desmethylvenlafaxine	Internal Standard	O-Desmethylvenlafaxine-d6



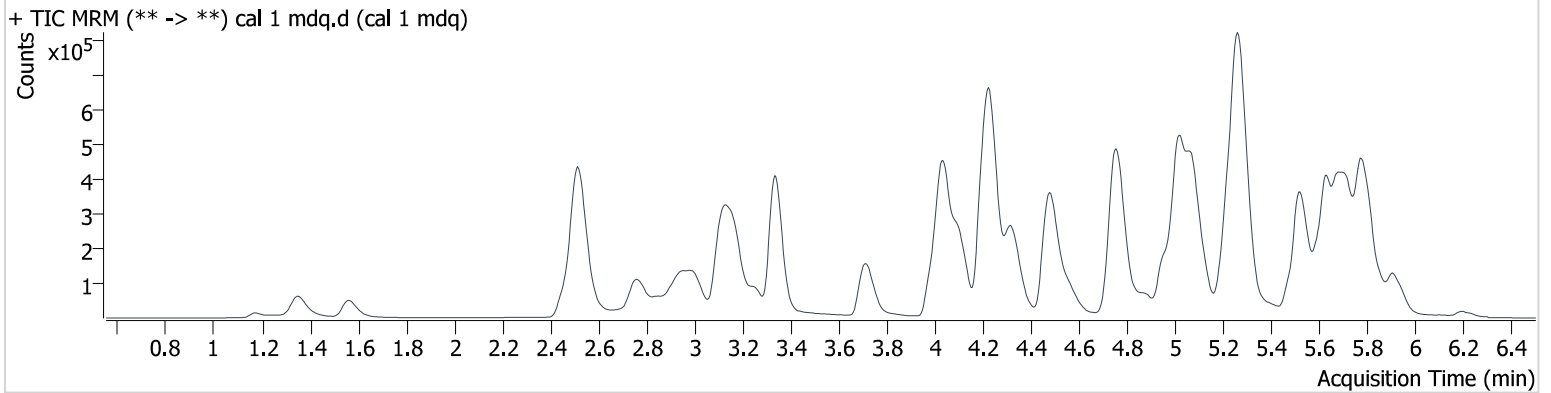
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	26.3	105.3
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdqr	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	484.7	96.9
cal 8 mdq	8	✓	1000.0	949.6	95.0

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 11:56:15 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	1323	4830.8	151.53	13900.5	70720	0.489 ng/ml
7-aminoclonazepam	4.221	14575	3818.9	117.72	2037.2	152276	4.859 ng/ml
a-hydroxyalprazolam	5.655	6276	185.8	74.73	∞	821504	5.030 ng/ml
alpha-PHP	4.895	29353	2711.3	251.47	2990.5	685519	5.183 ng/ml
alpha-PVP	4.331	93272	20507.1	55.29	2813.6	685519	5.075 ng/ml
Alprazolam	5.739	61841	6272.0	95.76	∞	255086	5.037 ng/ml
Amphetamine	3.000	68426	3404.3	265.36	155784.4	350774	4.738 ng/ml
Benzoylcegonine	3.843	2170	∞	46.57	36.5	14004	4.958 ng/ml
Bupropion	4.751	81760	67473.9	76.76	5558.7	506538	4.806 ng/ml
Carisoprodol	5.700	40140	40626.6	62.84	1142.1	260754	4.992 ng/ml
Chlorpheniramine	5.084	162986	2333.4	0.33	63.9	1137649	4.940 ng/ml
Citalopram	5.206	83529	5294.4	35.77	32433.9	604974	4.941 ng/ml
Clonazepam	5.582	27927	32345.5	34.43	86497.6	99443	5.094 ng/ml
Clonazepam	5.524	31061	4387.6	38.13	2803.9	194057	5.115 ng/ml
Cocaine	4.236	70416	2789.2	51.44	∞	1087319	4.930 ng/ml
Codeine	2.533	10226	15360.2	95.59	3256.9	76145	4.647 ng/ml
Cyclobenzaprine	5.606	83364	25943.8	8.00	127.9	473967	5.048 ng/ml
Dextromethorphan	5.244	56013	55757.7	72.71	55656.9	504328	5.037 ng/ml
Dextrorphan	4.105	72903	67519.5	43.93	71729.9	679677	5.467 ng/ml
Diazepam	5.917	39260	985.8	87.08	1930.5	281219	5.048 ng/ml
Dihydrocodeine	2.492	26279	740.6	63.10	48.8	316546	4.838 ng/ml
Diphenhydramine	5.276	296973	5847.6	31.46	∞	2011653	5.073 ng/ml
Doxylamine	4.492	225187	10996.6	93.21	14014.1	1263180	4.942 ng/ml
Duloxetine	5.636	12706	250.8	9.64	74.8	68216	4.657 ng/ml
EDDP	5.239	86857	4358.1	43.01	2367.8	796569	5.009 ng/ml
Etizolam	5.785	6205	3472.4	398.65	39296.0	281219	5.051 ng/ml
Fentanyl	5.046	8075	186594.0	118.29	11578.4	692903	0.516 ng/ml
Flualprazolam	5.676	22707	∞	97.43	1216.1	194057	5.111 ng/ml
Fluorofentanyl	5.097	6862	2442.1	129.08	237.7	6400	0.525 ng/ml
Fluoxetine	5.693	90527	2287.8	6.20	2337.7	568123	4.968 ng/ml
Hydrocodone	2.982	31763	1080.2	38.29	2003.2	305096	4.966 ng/ml
Hydromorphone	1.567	27706	1506.4	73.80	1003.9	160557	5.001 ng/ml
Hydroxyzine	5.670	69774	1363.1	118.41	14094.9	1522834	4.933 ng/ml

AM #28 Multi-Drug Quant. Results

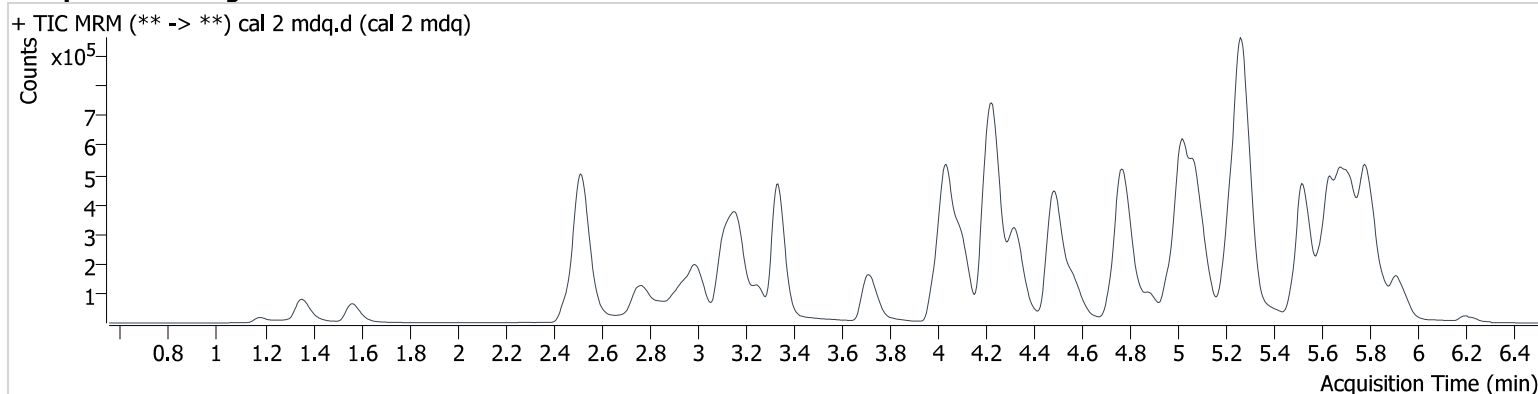
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Ketamine	4.009	78143	16314.4	36.80	470.2	526657	4.750 ng/ml
Lamotrigine	4.269	5977	4250.1	104.79	∞	568123	4.918 ng/ml
Lorazepam	5.723	11874	139.4	49.82	198.5	335708	5.214 ng/ml
MDA	3.167	95296	6364.2	32.41	24021.7	456183	4.812 ng/ml
MDMA	3.258	58140	∞	114.14	3241.1	134035	4.980 ng/ml
Meprobamate	4.875	28610	2681.7	32.27	400.1	157801	4.719 ng/ml
Methadone	5.635	126158	29355.7	56.12	3804.9	818942	4.944 ng/ml
Methamphetamine	3.178	221567	∞	38.75	2231.3	1005142	4.254 ng/ml
Metoprolol	4.298	21345	606814.6	96.73	1578.0	456183	4.889 ng/ml
Mirtazapine	4.569	133151	20533.7	47.44	14789.4	134035	5.258 ng/ml
Mitragynine	5.179	25096	11089.0	31.40	14122.3	1522834	5.273 ng/ml
Morphine	1.181	5217	∞	18.79	2667.2	13208	4.816 ng/ml
Norbuprenorphine	4.968	769	1986.0	100.11	∞	19334	0.506 ng/ml
Nordiazepam	5.860	31458	∞	64.09	2595.9	194057	5.016 ng/ml
Norfentanyl	4.066	1914	523.2	262.13	165.8	1092120	0.502 ng/ml
Noroxycodone	2.874	23994	592.4	54.71	303.6	170365	5.074 ng/ml
O-desmethyl-tramadol	3.340	165750	8582.7	6.32	673.1	1344730	4.976 ng/ml
O-Desmethylvenlafaxine	4.049	47620	218.6	244.38	3477.7	279457	4.854 ng/ml
Olanzapine	4.307	46374	10808.4	46.47	6884.9	207736	5.048 ng/ml
Oxazepam	5.730	31225	519.0	70.68	70.4	335708	5.072 ng/ml
Oxycodone	2.787	64745	10105.0	30.95	2326.2	410405	4.790 ng/ml
Oxymorphone	1.354	42894	∞	46.82	∞	276963	5.029 ng/ml
Promethazine	5.526	107769	203128.8	41.71	730.3	995678	5.106 ng/ml
Pseudoephedrine	2.531	220081	∞	17.81	4337.3	1522834	5.089 ng/ml
Quetiapine	5.492	105968	129273.7	61.80	374328.5	291291	4.833 ng/ml
Sertraline	5.760	28390	∞	96.12	1184.9	216177	5.073 ng/ml
Temazepam	5.787	82715	1776.0	29.60	326.5	821504	5.020 ng/ml
Tramadol	4.217	174386	11367.7	3.59	563.9	1357565	4.828 ng/ml
Trazodone	4.994	84384	∞	77.14	2695.7	705310	4.929 ng/ml
Venlafaxine	5.017	117933	5824.8	47.62	1441.5	1270155	5.084 ng/ml
Zolpidem	4.774	161734	88208.7	27.39	∞	1423106	4.952 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 AM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B1	Comment	
Injection Volume	3		
Acq. Date-Time	3/24/2023 12:05:07 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	2959	∞	136.22	11916.5	72769	1.030 ng/ml
7-aminoclonazepam	4.221	29295	915.5	115.81	1358.8	150708	10.230 ng/ml
a-hydroxyalprazolam	5.660	11055	1881.9	76.67	∞	858522	9.086 ng/ml
alpha-PHP	4.900	58265	2274.5	249.71	11299.4	689765	9.684 ng/ml
alpha-PVP	4.331	182730	16168.5	57.13	2749.3	689765	9.751 ng/ml
Alprazolam	5.744	124856	∞	90.86	1514.8	264263	9.912 ng/ml
Amphetamine	3.000	130567	9548.4	271.20	∞	345892	10.500 ng/ml
Benzoylcegonine	3.848	4585	1702.6	37.76	348.6	14706	10.247 ng/ml
Buprenorphine	5.627	6913	409.0	10.74 Low	9104.7	91574	0.626 ng/ml
Bupropion	4.746	165282	17665.9	77.71	2725.4	497044	10.453 ng/ml
Carisoprodol	5.695	80452	116234.3	62.94	2154.1	262755	10.019 ng/ml
Chlorpheniramine	5.089	328915	3779.9	0.32	∞	1161572	10.151 ng/ml
Citalopram	5.206	174259	10979.5	35.23	∞	606073	10.222 ng/ml
Clonazepam	5.577	56048	8482.3	33.88	90861.5	107420	9.506 ng/ml
Clonazolam	5.529	62295	509.1	41.92	2851.7	193438	9.819 ng/ml
Cocaine	4.236	144461	12000.0	50.30	156377.7	1065534	10.355 ng/ml
Codeine	2.533	21441	3574.4	92.44	4498.4	76135	10.851 ng/ml
Cyclobenzaprine	5.606	162940	2671.9	8.10	134.7	497548	9.593 ng/ml
Dextromethorphan	5.249	119356	5164.4	74.44	10554.2	520841	10.061 ng/ml
Dextrorphan	4.105	148212	5977.4	43.77	665674.0	694118	10.280 ng/ml
Diazepam	5.917	82383	∞	88.70	2908.9	293151	9.919 ng/ml
Dihydrocodeine	2.492	49308	34.7	67.99	3182.3	327045	9.914 ng/ml
Diphenhydramine	5.276	604567	17426.4	32.22	2853.2	2093643	9.817 ng/ml
Doxylamine	4.492	448312	14907.1	92.37	39178.2	1292527	9.988 ng/ml
Duloxetine	5.631	23729	161.4	9.80	34.5	65084	9.611 ng/ml
EDDP	5.239	173645	5591.0	43.85	4498.4	795177	10.123 ng/ml
Etizolam	5.785	12322	15456.5	403.39	∞	293151	9.701 ng/ml
Fentanyl	5.046	15132	1701.6	120.11	7863.0	697434	0.953 ng/ml
Flualprazolam	5.676	46428	1698.4	100.44	1263.9	193438	9.997 ng/ml
Fluorofentanyl	5.097	13850	1801.2	128.22	147.7	6889	0.939 ng/ml
Fluoxetine	5.693	173212	157979.0	6.04	10774.7	536224	10.197 ng/ml
Hydrocodone	2.977	63482	3430.2	39.31	2321.4	323101	10.018 ng/ml
Hydromorphone	1.572	56792	1408.3	74.62	1785.0	164794	10.009 ng/ml

AM #28 Multi-Drug Quant. Results

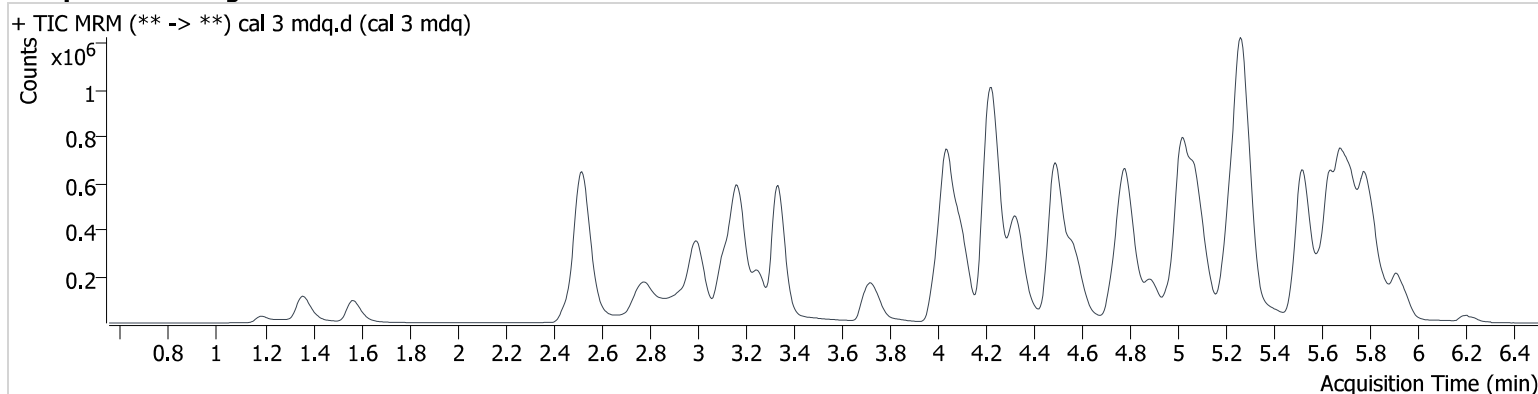
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.670	149800	2158.8	116.08	76722.8	1528750	10.253 ng/ml
Ketamine	4.004	158478	20460.5	35.58	1062.9	518296	10.593 ng/ml
Lamotrigine	4.264	12119	1543.6	103.55	8203.6	536224	10.029 ng/ml
Lorazepam	5.723	24090	202.0	47.36	110.0	332220	9.483 ng/ml
MDA	3.167	190306	9066.6	31.21	∞	445195	10.458 ng/ml
MDMA	3.258	120068	122563.2	116.16	5603.8	137308	10.152 ng/ml
Meprobamate	4.875	55092	12360.9	34.59	1607.7	158137	10.324 ng/ml
Methadone	5.635	265809	10584.4	52.32	10623.7	837209	10.211 ng/ml
Methamphetamine	3.173	346855	46773.8	39.29	1342.5	981423	9.978 ng/ml
Metoprolol	4.298	44610	∞	95.83	4097.0	445195	10.320 ng/ml
Mirtazapine	4.569	263796	131808.9	49.45	65777.7	137308	9.498 ng/ml
Mitragynine	5.179	47825	65111.7	30.15	1116.4	1528750	9.577 ng/ml
Morphine	1.186	10959	∞	19.74	∞	12587	10.585 ng/ml
Norbuprenorphine	4.978	1397	584.6	114.92	4813.8	19876	0.969 ng/ml
Nordiazepam	5.866	64210	∞	61.43	∞	193438	10.022 ng/ml
Norfentanyl	4.056	3826	3414.5	264.27	697.2	1076651	1.005 ng/ml
Noroxycodone	2.874	46224	1009.6	53.37	862.8	165209	9.977 ng/ml
O-desmethyl-tramadol	3.340	327755	115940.1	6.59	6768.2	1395120	9.907 ng/ml
O-Desmethylvenlafaxine	4.049	95895	663.7	242.49	23554.8	274180	10.343 ng/ml
Olanzapine	4.332	85748	2952.3	45.03	1014.5	198097	9.799 ng/ml
Oxazepam	5.730	61712	1180.4	73.29	4745.7	332220	9.771 ng/ml
Oxycodone	2.782	127455	3888.2	31.63	64369.4	422566	10.292 ng/ml
Oxymorphone	1.354	83869	∞	47.30	∞	285209	9.711 ng/ml
Promethazine	5.526	224849	1222506.7	41.45	4646.3	1025597	9.831 ng/ml
Pseudoephedrine	2.526	436026	24351.1	17.76	3137.1	1528750	9.844 ng/ml
Quetiapine	5.497	227742	180285.4	63.81	∞	308923	10.300 ng/ml
Sertraline	5.760	50787	∞	98.66	∞	195694	9.871 ng/ml
Temazepam	5.787	179763	4704.3	27.85	487.0	858522	10.109 ng/ml
Tramadol	4.212	345312	∞	3.50	193.6	1375055	10.186 ng/ml
Trazodone	5.009	166752	∞	81.78	149854.7	718045	10.100 ng/ml
Venlafaxine	5.017	229919	72499.8	48.70	1496.0	1222601	9.922 ng/ml
Zolpidem	4.790	337375	24876.2	26.57	5529.8	1462158	10.135 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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 3/24/2023 12:13:49 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	6783	52741.9	141.76	20439.8	67180	2.516 ng/ml
7-aminoclonazepam	4.221	69730	3651.3	116.98	5741.4	140125	26.738 ng/ml
a-hydroxyalprazolam	5.666	28667	1173.3	68.86	316.0	751663	28.649 ng/ml
alpha-PHP	4.895	135586	5287.8	249.47	20090.3	647410	23.187 ng/ml
alpha-PVP	4.326	447359	49817.1	55.24	14105.1	647410	25.212 ng/ml
Alprazolam	5.739	278018	6477.2	94.15	∞	237832	24.672 ng/ml
Amphetamine	3.000	304138	7179.8	279.90	35633.9	323638	28.263 ng/ml
Benzoylcegonine	3.838	10485	37218.4	42.83	345.3	13885	25.201 ng/ml
Buprenorphine	5.627	15100	982.8	15.50	931.9	88403	2.123 ng/ml
Bupropion	4.751	387247	166928.7	77.80	14337.0	474774	26.396 ng/ml
Carisoprodol	5.695	174289	431332.5	65.04	4681.5	228798	25.059 ng/ml
Chlorpheniramine	5.084	752742	55818.1	0.30	211.0	1084455	25.458 ng/ml
Citalopram	5.206	388173	52600.0	35.73	863823.6	551720	24.923 ng/ml
Clonazepam	5.582	132834	8570.5	33.88	30151.4	94401	25.717 ng/ml
Clonazolam	5.524	140238	92909.2	38.53	8881.3	172467	24.080 ng/ml
Cocaine	4.236	342520	∞	49.34	26783.6	1056144	24.812 ng/ml
Codeine	2.528	48111	10785.9	90.20	7146.2	70869	27.580 ng/ml
Cyclobenzaprine	5.606	361736	97055.1	8.82	7038.1	415669	25.862 ng/ml
Dextromethorphan	5.244	272342	105843.6	71.52	2461282.8	464794	25.237 ng/ml
Dextrorphan	4.105	345754	480808.8	45.67	∞	656715	24.455 ng/ml
Diazepam	5.917	188120	6220.0	85.28	21535.0	266176	24.583 ng/ml
Dihydrocodeine	2.492	122314	5667.8	64.41	219.2	307002	28.469 ng/ml
Diphenhydramine	5.271	1374847	24657.7	33.50	19079.1	1884187	24.638 ng/ml
Doxylamine	4.492	1077222	39293.4	94.01	73794.2	1223114	25.967 ng/ml
Duloxetine	5.636	53119	1482.9	10.88	186.6	58972	24.506 ng/ml
EDDP	5.234	406282	19744.7	41.41	9551.1	733889	25.803 ng/ml
Etizolam	5.779	29998	101782.0	386.84	∞	266176	26.158 ng/ml
Fentanyl	5.051	35564	1310.4	122.06	441876.2	645336	2.406 ng/ml
Flualprazolam	5.671	102896	4142.5	98.05	∞	172467	24.164 ng/ml
Fluorofentanyl	5.102	31469	2527.6	125.07	1123.7	6067	2.340 ng/ml
Fluoxetine	5.693	361843	457749.9	6.34	19095.9	461136	24.946 ng/ml
Hydrocodone	2.977	142925	5357.0	39.59	∞	294451	25.820 ng/ml
Hydromorphone	1.572	134434	4003.3	73.71	4404.4	156363	25.005 ng/ml

AM #28 Multi-Drug Quant. Results

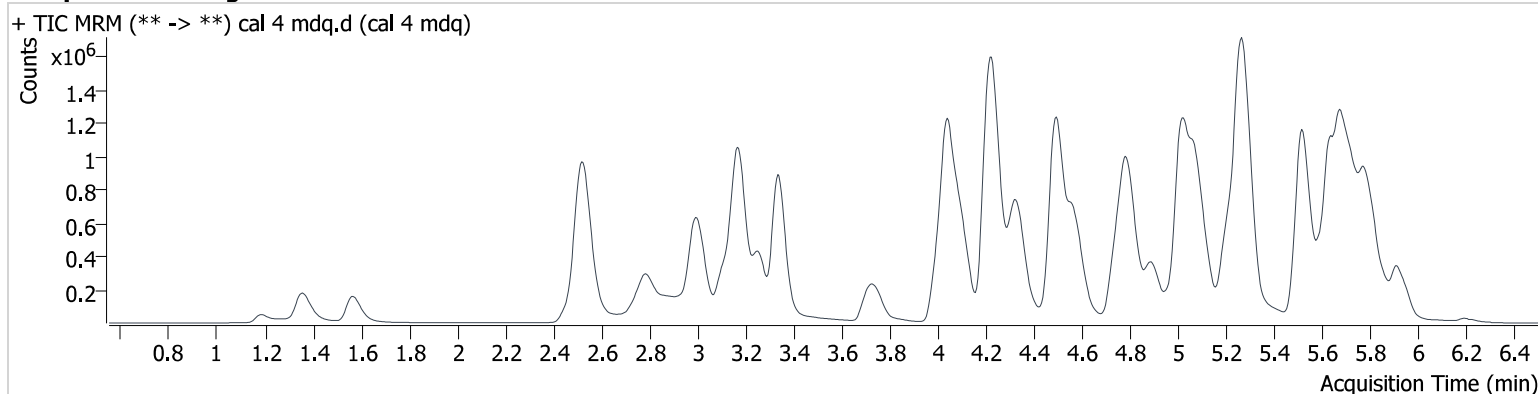
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	343052	39075.8	115.90	81971.3	1424497	24.817 ng/ml
Ketamine	4.004	370460	113263.6	37.54	4398.3	500350	26.728 ng/ml
Lamotrigine	4.259	28958	2663.4	99.65	∞	461136	27.037 ng/ml
Lorazepam	5.723	53349	∞	44.01	274.6	267075	24.105 ng/ml
MDA	3.162	436302	37990.7	31.00	3150.4	411123	26.828 ng/ml
MDMA	3.258	277061	∞	116.59	12058.9	133564	24.233 ng/ml
Meprobamate	4.875	133282	32939.7	32.34	1960.9	149519	28.541 ng/ml
Methadone	5.635	589409	18826.4	53.39	11752.5	761213	24.933 ng/ml
Methamphetamine	3.178	728996	∞	39.59	4123.0	969911	27.117 ng/ml
Metoprolol	4.298	99376	255603.0	98.63	∞	411123	24.708 ng/ml
Mirtazapine	4.569	648052	32243.6	47.52	40322.6	133564	22.893 ng/ml
Mitragynine	5.179	107349	99455.5	30.76	22344.0	1424497	22.393 ng/ml
Morphine	1.191	26768	∞	19.20	∞	12303	26.415 ng/ml
Norbuprenorphine	4.963	3119	4600.5	103.01	3614.8	18344	2.486 ng/ml
Nordiazepam	5.866	145675	∞	59.60	7295.6	172467	25.133 ng/ml
Norfentanyl	4.050	8813	18538.1	269.87	1152.6	1008911	2.450 ng/ml
Noroxycodone	2.869	110735	1865.5	52.17	1056.3	161119	24.355 ng/ml
O-desmethyl-tramadol	3.340	793155	∞	6.51	3923.3	1323930	25.984 ng/ml
O-Desmethylvenlafaxine	4.049	227463	2135.0	241.09	21526.5	260745	26.336 ng/ml
Olanzapine	4.337	216811	2861.2	44.50	733.7	197839	24.826 ng/ml
Oxazepam	5.730	128126	1479.4	71.36	∞	267075	24.667 ng/ml
Oxycodone	2.782	314683	28498.7	31.35	14493.8	412277	27.947 ng/ml
Oxymorphone	1.359	204920	∞	47.37	∞	265101	25.821 ng/ml
Promethazine	5.526	504318	1564411.0	39.74	19087.2	904229	24.242 ng/ml
Pseudoephedrine	2.526	1024310	∞	17.72	∞	1424497	24.508 ng/ml
Quetiapine	5.497	532803	44141.1	65.21	553066.1	288921	26.506 ng/ml
Sertraline	5.760	107769	206907.5	100.94	6243.5	167068	24.300 ng/ml
Temazepam	5.787	381819	2399.3	29.97	1282.3	751663	24.088 ng/ml
Tramadol	4.212	834611	∞	3.43	∞	1314637	26.945 ng/ml
Trazodone	5.015	383263	19286.4	81.29	30707.8	666925	25.828 ng/ml
Venlafaxine	5.017	545402	37022.5	49.05	7474.6	1178935	23.875 ng/ml
Zolpidem	4.795	795436	39634.7	26.37	193979.2	1375201	25.524 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 12:22:32 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.113	14746	∞	130.59	59351.2	69996	5.218 ng/ml
7-aminoclonazepam	4.221	132503	∞	113.32	7306.2	139847	51.227 ng/ml
a-hydroxyalprazolam	5.655	50398	918.3	62.64	4507.6	694234	55.335 ng/ml
alpha-PHP	4.895	307329	4813.6	253.31	81183.0	718840	46.756 ng/ml
alpha-PVP	4.326	945761	25436.7	57.20	64961.7	718840	47.878 ng/ml
Alprazolam	5.744	555976	∞	94.32	1151529.3	235814	49.862 ng/ml
Amphetamine	3.000	582147	3666.1	288.09	136416.9	343611	52.097 ng/ml
Benzoylcegonine	3.843	22360	58209.2	39.73	2174.8	15945	47.032 ng/ml
Buprenorphine	5.638	34324	6899.6	15.57	2671.9	95507	5.085 ng/ml
Bupropion	4.751	844157	118930.7	78.86	38603.8	536978	51.357 ng/ml
Carisoprodol	5.695	306468	804330.7	64.69	∞	208404	48.458 ng/ml
Chlorpheniramine	5.084	1688909	155057.6	0.30	315.8	1244771	50.142 ng/ml
Citalopram	5.206	884301	14540.9	35.24	9780073.2	618459	50.587 ng/ml
Clonazepam	5.582	237342	13859.4	35.02	14240428.2	87633	49.544 ng/ml
Clonazolam	5.524	267798	47652.9	38.76	2357.8	170430	46.098 ng/ml
Cocaine	4.236	721889	41495.4	50.28	42313.1	1147017	48.179 ng/ml
Codeine	2.528	93234	50996.6	89.71	5320.8	71471	53.926 ng/ml
Cyclobenzaprine	5.600	841508	173466.4	8.65	7220.5	486232	51.653 ng/ml
Dextromethorphan	5.239	608891	54928.7	73.40	45031.3	533342	48.876 ng/ml
Dextrorphan	4.105	751869	42958803.4	44.77	∞	726619	47.477 ng/ml
Diazepam	5.917	409677	9540.9	85.09	∞	289047	49.059 ng/ml
Dihydrocodeine	2.492	248579	3805.9	63.91	3250.8	332042	54.708 ng/ml
Diphenhydramine	5.271	2991834	34844.7	32.89	47966.0	2095543	48.102 ng/ml
Doxylamine	4.497	2352062	324561.2	94.70	130925.6	1356374	51.509 ng/ml
Duloxetine	5.636	112490	942.8	11.03	110.6	60085	51.491 ng/ml
EDDP	5.234	190459	402653.9	41.58	4335.5	205469	43.266 ng/ml
Etizolam	5.779	60027	∞	393.64	∞	289047	48.277 ng/ml
Fentanyl	5.046	78280	2262.1	121.84	∞	694616	4.911 ng/ml
Flualprazolam	5.676	187868	27035.9	97.34	1703.4	170430	44.255 ng/ml
Fluorofentanyl	5.102	72042	51241.0	119.86	153.2	6736	4.769 ng/ml
Fluoxetine	5.693	775461	5190616.8	6.72	54525.2	513317	48.141 ng/ml
Hydrocodone	2.977	285123	∞	39.56	2603.2	312497	49.175 ng/ml
Hydromorphone	1.567	282934	5394.7	74.35	5671.7	166140	49.551 ng/ml

AM #28 Multi-Drug Quant. Results

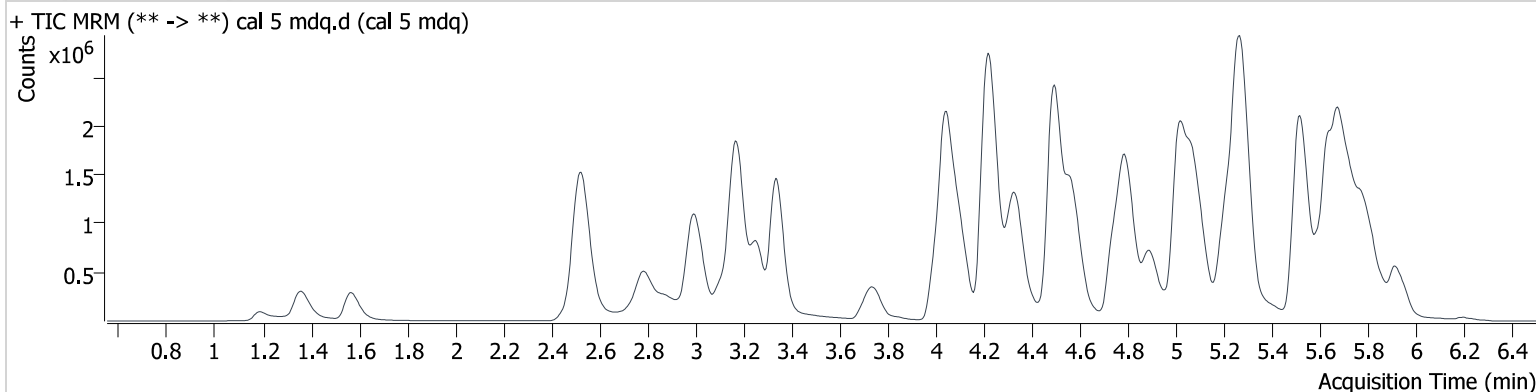
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	741343	709609.9	114.07	392141.4	1520834	49.966 ng/ml
Ketamine	4.004	770515	109864.5	37.43	12372.6	544766	51.748 ng/ml
Lamotrigine	4.264	59591	3776.4	96.46	243047.5	513317	49.584 ng/ml
Lorazepam	5.733	75901	631.9	51.85	1418.4	207993	43.086 ng/ml
MDA	3.167	825447	17606.2	29.49	5666.7	410260	51.385 ng/ml
MDMA	3.258	607289	82672.5	113.87	71341.9	139592	50.944 ng/ml
Meprobamate	4.875	256174	6264.0	32.42	6033.9	153724	54.542 ng/ml
Methadone	5.635	1375149	61937.7	51.72	7551.1	894605	49.519 ng/ml
Methamphetamine	3.173	1446949	59170.9	41.66	12012.9	1087019	52.060 ng/ml
Metoprolol	4.298	213510	565940.4	93.54	11896.9	410260	53.044 ng/ml
Mirtazapine	4.574	1388847	75114.9	49.03	131671.2	139592	46.189 ng/ml
Mitragynine	5.179	227458	7875.0	30.07	167430.1	1520834	43.968 ng/ml
Morphine	1.186	55110	∞	20.70	∞	14157	47.242 ng/ml
Norbuprenorphine	4.973	7063	∞	98.68	93511.8	19725	5.343 ng/ml
Nordiazepam	5.866	280282	∞	60.45	2904.8	170430	48.709 ng/ml
Norfentanyl	4.056	17875	2610.4	268.47	1877.8	1023116	4.886 ng/ml
Noroxycodone	2.869	215036	4292.0	52.49	472.6	163136	46.614 ng/ml
O-desmethyl-tramadol	3.340	1688645	105989.9	6.52	14842.2	1459700	50.608 ng/ml
O-Desmethylvenlafaxine	4.049	486356	901.1	242.39	8446.2	292261	50.567 ng/ml
Olanzapine	4.342	348535	1182.8	45.34	1622.9	160231	49.287 ng/ml
Oxazepam	5.730	200681	3309.9	70.86	5941.2	207993	49.249 ng/ml
Oxycodone	2.782	624102	173691.4	31.74	8878.2	446419	52.221 ng/ml
Oxymorphone	1.354	436577	∞	46.61	∞	289667	50.518 ng/ml
Promethazine	5.521	1145094	237035.9	40.16	52613.0	1045265	47.136 ng/ml
Pseudoephedrine	2.526	2114732	114914.4	17.84	∞	1520834	47.202 ng/ml
Quetiapine	5.497	1137748	624237.3	64.33	80668.7	318286	51.842 ng/ml
Sertraline	5.755	249939	∞	99.27	∞	192493	48.753 ng/ml
Temazepam	5.797	717865	12212.6	30.41	1204.3	694234	48.717 ng/ml
Tramadol	4.212	1776718	∞	3.41	∞	1420908	53.827 ng/ml
Trazodone	5.020	836230	20306.2	80.09	10507.1	739658	51.360 ng/ml
Venlafaxine	5.012	1223123	48297.5	46.53	12522.3	1298511	48.234 ng/ml
Zolpidem	4.795	1686940	102594.0	26.45	16429.7	1516510	49.158 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 12:31:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	30876	76512.9	131.03	∞	74602	10.224 ng/ml
7-aminoclonazepam	4.221	278320	18106.1	114.96	4098.3	140712	107.323 ng/ml
a-hydroxyalprazolam	5.655	71422	1138.1	66.24	830.6	521727	105.133 ng/ml
alpha-PHP	4.895	681588	38859.3	246.98	36687.8	748074	99.014 ng/ml
alpha-PVP	4.326	2046221	881372.9	54.72	53874.6	748074	99.390 ng/ml
Alprazolam	5.739	974604	391698.4	99.29	5639.8	210061	98.220 ng/ml
Amphetamine	3.000	1160524	39221.2	261.95	51649.5	355944	101.575 ng/ml
Benzoylcegonine	3.843	49308	6994.4	41.52	1804.3	16588	99.996 ng/ml
Buprenorphine	5.633	64071	23218.5	14.75	3624.2	91974	10.382 ng/ml
Bupropion	4.746	1862739	∞	75.14	86768.1	577680	105.888 ng/ml
Carisoprodol	5.695	507635	∞	60.40	∞	157038	106.629 ng/ml
Chlorpheniramine	5.084	3658961	∞	0.31	1245.7	1339509	101.348 ng/ml
Citalopram	5.200	1728267	177404.6	38.15	∞	605216	100.967 ng/ml
Clonazepam	5.577	398971	∞	34.57	278530.0	71870	101.600 ng/ml
Clonazolam	5.529	497002	66508.4	37.86	11199.4	145960	99.349 ng/ml
Cocaine	4.236	1518542	1177464.5	48.43	526639.9	1128127	103.080 ng/ml
Codeine	2.528	163791	19510.5	87.58	4951.4	66564	102.612 ng/ml
Cyclobenzaprine	5.600	1722778	336052.4	8.43	3896.1	505322	101.968 ng/ml
Dextromethorphan	5.239	1263215	201802.1	71.03	∞	537231	100.334 ng/ml
Dextrorphan	4.105	1568233	548694.3	45.97	531313.3	737092	96.976 ng/ml
Diazepam	5.922	842595	92479.4	85.38	6075.9	292476	99.472 ng/ml
Dihydrocodeine	2.487	489758	883.4	63.26	10996.0	345226	104.907 ng/ml
Diphenhydramine	5.276	6241288	233572.6	31.48	184554.6	2067778	101.571 ng/ml
Doxylamine	4.492	5169608	273899.2	93.70	∞	1488720	103.542 ng/ml
Duloxetine	5.636	216730	968.8	11.00	275.0	58112	103.087 ng/ml
EDDP	5.234	1003587	21048.0	43.52	20701.7	489096	95.885 ng/ml
Etizolam	5.785	123603	∞	385.59	∞	292476	98.334 ng/ml
Fentanyl	5.046	158037	∞	126.62	74492.7	689317	9.982 ng/ml
Flualprazolam	5.676	328478	∞	94.79	8506.9	145960	89.868 ng/ml
Fluorofentanyl	5.102	153451	23366.8	121.28	255.1	7274	9.355 ng/ml
Fluoxetine	5.693	1532040	1000747.4	6.85	164951.8	485212	100.752 ng/ml
Hydrocodone	2.972	579514	4414.8	40.41	6384.4	309106	101.812 ng/ml
Hydromorphone	1.567	602292	4878.2	74.14	∞	174637	100.372 ng/ml

AM #28 Multi-Drug Quant. Results

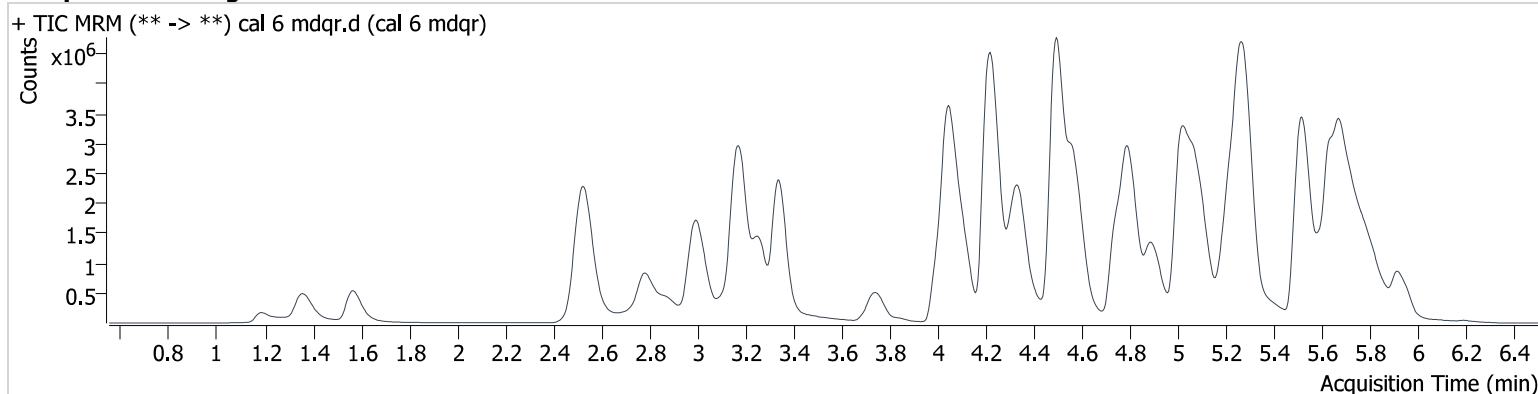
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	1511536	928084.2	114.48	1444726.8	1475185	104.740 ng/ml
Ketamine	4.004	1622440	327912.2	37.10	104465.3	552573	108.239 ng/ml
Lamotrigine	4.264	110489	5573.6	99.17	46166.8	485212	96.811 ng/ml
Lorazepam	5.713	109292	∞	49.50	∞	125647	101.110 ng/ml
MDA	3.162	1425532	40063.1	30.31	4601.8	372553	98.250 ng/ml
MDMA	3.258	1269317	138788.7	112.92	87716.9	146510	101.561 ng/ml
Meprobamate	4.870	460520	3438.7	32.50	1992.0	139062	109.733 ng/ml
Methadone	5.635	3000570	142329.9	51.10	39254.3	919920	105.099 ng/ml
Methamphetamine	3.173	3058082	396131.2	38.88	180376.7	1177627	106.538 ng/ml
Metoprolol	4.298	384409	37276.4	99.11	∞	372553	105.037 ng/ml
Mirtazapine	4.569	2978506	41262808.4	49.51	220149.3	146510	93.629 ng/ml
Mitragynine	5.179	482814	56372.9	32.72	178228.5	1475185	95.645 ng/ml
Morphine	1.191	124893	∞	18.99	∞	14743	102.781 ng/ml
Norbuprenorphine	4.963	13408	7489.7	105.14	3744.4	21212	9.507 ng/ml
Nordiazepam	5.866	466415	∞	61.10	1285200.1	145960	94.421 ng/ml
Norfentanyl	4.056	33974	40748.5	273.26	3501.3	964061	9.841 ng/ml
Noroxycodone	2.869	427611	4649.6	51.94	217614.7	156444	96.548 ng/ml
O-desmethyl-tramadol	3.340	3644800	288279.0	6.29	40401.9	1580561	101.343 ng/ml
O-Desmethylvenlafaxine	4.049	1012838	781.3	240.62	42477.1	303471	101.779 ng/ml
Olanzapine	4.342	883140	2445.9	45.82	5018.8	190048	105.305 ng/ml
Oxazepam	5.725	249723	∞	70.26	∞	125647	101.067 ng/ml
Oxycodone	2.777	1277739	194029.7	32.25	∞	470357	102.645 ng/ml
Oxymorphone	1.359	920830	∞	47.07	∞	303576	101.853 ng/ml
Promethazine	5.526	2610655	∞	38.41	19903.7	1147113	97.386 ng/ml
Pseudoephedrine	2.526	4263515	∞	17.49	27744.0	1475185	97.888 ng/ml
Quetiapine	5.492	2383199	396287.4	64.97	∞	324871	106.910 ng/ml
Sertraline	5.755	499618	3004386.0	97.99	9972.7	188744	99.226 ng/ml
Temazepam	5.797	1121087	23154.8	29.54	5172.8	521727	100.908 ng/ml
Tramadol	4.212	3674856	∞	3.38	∞	1492426	106.756 ng/ml
Trazodone	5.020	1691394	89097.2	79.47	422534.1	747383	103.377 ng/ml
Venlafaxine	5.012	2633183	3958557.8	46.58	7742.0	1383536	97.085 ng/ml
Zolpidem	4.795	3617746	206320.4	27.80	102051.8	1593183	100.429 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 AM

Instrument	69679	Data File	cal 6 mdqr.d
Type	Cal	Sample	cal 6 mdqr <small>not a reinjection name not updated from previous batch.</small>
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F1	Comment	
Injection Volume	3		
Acq. Date-Time	3/24/2023 12:39:56 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	63794	129822.9	129.87	∞	62827	25.041 ng/ml
7-aminoclonazepam	4.216	436598	13932.2	118.90	1913.0	113260	209.498 ng/ml
a-hydroxyalprazolam	5.660	83681	1846.7	67.49	732.6	272906	236.583 ng/ml
alpha-PHP	4.895	1341153	37701.9	252.65	60555.0	587762	247.133 ng/ml
alpha-PVP	4.331	4032041	429433.5	54.39	222630.3	587762	249.055 ng/ml
Alprazolam	5.739	1705138	∞	93.98	∞	140913	256.330 ng/ml
Amphetamine	3.000	1910836	111825.3	259.21	102215.8	294524	203.533 ng/ml
Benzoylcegonine	3.843	114171	100016.3	42.13	3182.8	15305	251.343 ng/ml
Buprenorphine	5.633	102422	6771.9	15.06	2393.0	58560	26.910 ng/ml
Bupropion	4.746	3791390	479704.1	73.94	195767.4	492198	253.677 ng/ml
Carisoprodol	5.700	710036	∞	61.61	∞	91467	256.187 ng/ml
Chlorpheniramine	5.084	7545527	∞	0.33	2183.5	1123793	249.697 ng/ml
Citalopram	5.195	2854204	265010.0	38.26	2956218.2	413463	243.988 ng/ml
Clonazepam	5.582	548892	89904.6	33.44	907123.1	40003	251.196 ng/ml
Clonazolam	5.529	731657	∞	37.71	37429.5	84313	252.471 ng/ml
Cocaine	4.236	2822517	247286.8	49.51	331254.9	876079	246.758 ng/ml
Codeine	2.528	286008	14870.7	93.06	11220.3	49168	243.947 ng/ml
Cyclobenzaprine	5.600	3110731	121831.6	8.34	∞	377022	247.091 ng/ml
Dextromethorphan	5.239	2170195	∞	71.99	283448.1	372244	248.309 ng/ml
Dextrorphan	4.105	3094433	1937232.1	44.91	∞	576301	243.815 ng/ml
Diazepam	5.922	1546942	9154.2	85.27	24695.1	216996	245.793 ng/ml
Dihydrocodeine	2.487	926684	2892.9	64.10	11178.2	293561	235.124 ng/ml
Diphenhydramine	5.279	11243277	104783.6	31.17	517488.1	1499630	252.130 ng/ml
Doxylamine	4.492	11027337	427038.8	94.09	317482.6	1308980	251.755 ng/ml
Duloxetine	5.631	324038	924.6	11.69	404.6	35229	254.999 ng/ml
EDDP	5.234	3817974	116085.7	42.58	77285.0	700745	254.753 ng/ml
Etizolam	5.785	227741	∞	386.83	∞	216996	244.336 ng/ml
Fentanyl	5.046	280142	15213.1	130.84	733968.1	480490	25.370 ng/ml
Flualprazolam	5.676	499411	∞	93.16	2836.6	84313	235.783 ng/ml
Fluorofentanyl	5.107	296124	875169.7	119.00	8342.0	5279	24.790 ng/ml
Fluoxetine	5.698	2322381	10403465.4	6.38	234853.0	291561	254.354 ng/ml
Hydrocodone	2.972	1178680	47070.4	39.49	2107.1	253481	253.595 ng/ml
Hydromorphone	1.567	1268672	∞	74.53	6213.0	147684	250.042 ng/ml

AM #28 Multi-Drug Quant. Results

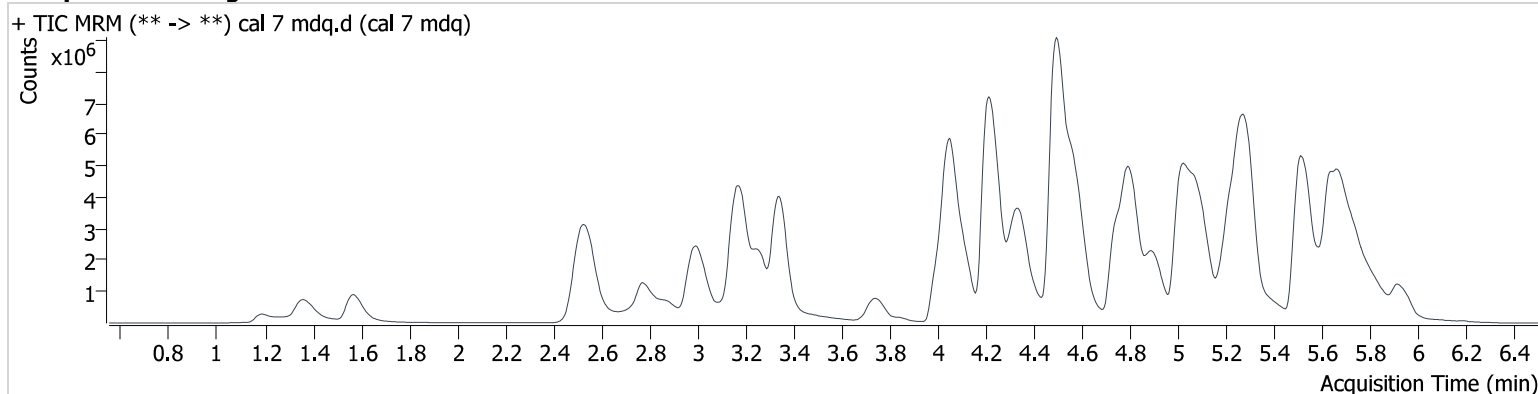
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	2665343	4525.0	117.70	2396.4	1076834	252.644 ng/ml
Ketamine	4.004	3039641	175575.5	37.00	68260.0	444785	252.934 ng/ml
Lamotrigine	4.264	180350	14706.3	96.52	17064.6	291561	262.181 ng/ml
Lorazepam	5.718	115679	∞	51.19	∞	45554	292.966 ng/ml
MDA	3.157	2151123	2699538.2	29.57	17359.8	244006	227.125 ng/ml
MDMA	3.258	2461255	456632.9	109.25	401147.9	114573	251.989 ng/ml
Meprobamate	4.870	749777	31929.1	32.16	16009.4	101158	247.290 ng/ml
Methadone	5.635	5823486	109444.8	49.92	231506.0	753618	249.016 ng/ml
Methamphetamine	3.173	5785826	2208413.9	38.75	∞	1015262	240.055 ng/ml
Metoprolol	4.293	623007	9425780.6	95.57	36551.0	244006	259.720 ng/ml
Mirtazapine	4.569	6117988	379556.7	49.51	6593995.7	114573	244.760 ng/ml
Mitragynine	5.173	932248	86026.9	34.60	7362.6	1076834	252.204 ng/ml
Morphine	1.186	257911	∞	17.84	∞	11852	263.980 ng/ml
Norbuprenorphine	4.968	28636	45881.9	95.86	40947.1	16969	25.547 ng/ml
Nordiazepam	5.871	689792	174620.0	60.57	64697.0	84313	241.373 ng/ml
Norfentanyl	4.056	56302	4365.4	276.23	8801.1	643474	24.413 ng/ml
Noroxycodone	2.869	771743	∞	49.61	1791.6	112848	241.407 ng/ml
O-desmethyl-tramadol	3.341	7478682	414961.3	6.30	∞	1321336	249.416 ng/ml
O-Desmethylvenlafaxine	4.049	1899889	4113.7	241.65	102135.6	233780	248.348 ng/ml
Olanzapine	4.347	2204133	7174.5	46.41	5051.7	190817	261.776 ng/ml
Oxazepam	5.730	233276	3554.4	75.60	7906.3	45554	259.836 ng/ml
Oxycodone	2.772	2472590	26196.5	31.24	∞	387152	242.998 ng/ml
Oxymorphone	1.354	1869751	∞	46.28	∞	247756	253.675 ng/ml
Promethazine	5.526	5113909	90385.7	38.37	2811876.7	892103	244.540 ng/ml
Pseudoephedrine	2.531	7995606	∞	17.28	∞	1076834	251.163 ng/ml
Quetiapine	5.492	4406908	55571.8	64.35	164052.9	255615	251.922 ng/ml
Sertraline	5.755	755420	2408093.6	97.88	773444.7	113304	249.681 ng/ml
Temazepam	5.813	1428651	29265.0	30.12	6489.9	272906	245.395 ng/ml
Tramadol	4.207	7044968	∞	3.34	∞	1241377	247.068 ng/ml
Trazodone	5.025	3015810	∞	79.82	∞	607270	227.530 ng/ml
Venlafaxine	5.012	5490470	431403.1	43.26	59885.9	1092971	255.651 ng/ml
Zolpidem	4.795	7505060	281011.0	27.72	53643.9	1323819	250.849 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 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	3/24/2023 12:48:39 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	122702	∞	139.06	708987.2	62709	48.229 ng/ml
7-aminoclonazepam	4.211	532233	111731.0	116.00	19142.7	78945	366.656 ng/ml
a-hydroxyalprazolam	5.666	74277	671.7	71.37	687.7	137480	417.531 ng/ml
alpha-PHP	4.900	2460085	64113.1	251.62	91015.6	515289	516.468 ng/ml
alpha-PVP	4.326	7138806	1714116.5	53.76	112698.9	515289	502.835 ng/ml
Alprazolam	5.739	2476932	∞	93.04	12831.5	101150	518.828 ng/ml
Amphetamine	3.000	2868294	74631.5	244.70	445715.8	280732	321.346 ng/ml
Benzoylcegonine	3.843	272105	159251.3	41.83	23993.8	17851	513.885 ng/ml
Buprenorphine	5.638	121586	1493.6	14.94	2943.6	35068	53.895 ng/ml
Bupropion	4.745	7065158	2579804.0	71.06	354650.4	492689	472.697 ng/ml
Carisoprodol	5.705	774385	620426.7	61.10	∞	54487	469.112 ng/ml
Chlorpheniramine	5.089	14484589	64881.5	0.35	2780.9	1085165	496.779 ng/ml
Citalopram	5.195	3989272	691457.5	39.07	630804.2	278198	506.759 ng/ml
Clonazepam	5.582	567435	229479.7	32.73	∞	19970	520.251 ng/ml
Clonazolam	5.545	851271	∞	38.65	1128210.7	43110	573.902 ng/ml
Cocaine	4.241	4792534	1009992.6	49.14	556107.3	732887	500.880 ng/ml
Codeine	2.533	433776	16586.6	95.11	16505.0	39564	460.692 ng/ml
Cyclobenzaprine	5.595	4367991	∞	8.80	∞	263914	495.882 ng/ml
Dextromethorphan	5.239	3294144	89449.9	73.19	∞	279977	500.802 ng/ml
Dextrorphan	4.105	5492919	579405.9	45.29	161940.5	503929	494.324 ng/ml
Diazepam	5.922	2448463	∞	85.51	∞	171400	492.287 ng/ml
Dihydrocodeine	2.482	1653708	2313.0	64.30	10341.7	301755	409.213 ng/ml
Diphenhydramine	5.286	18260912	468986.5	30.21	85539.4	1193931	514.235 ng/ml
Doxylamine	4.492	22607287	470869.0	94.52	348910.3	1373496	492.257 ng/ml
Duloxetine	5.631	341261	669.1	12.04	223.7	21845	433.446 ng/ml
EDDP	5.234	7289184	188620.3	42.88	∞	644443	528.959 ng/ml
Etizolam	5.790	374476	31161.8	390.71	∞	171400	508.736 ng/ml
Fentanyl	5.046	421636	30054.2	133.65	1492802.0	349620	52.467 ng/ml
Flualprazolam	5.686	646930	1965.8	89.96	∞	43110	596.641 ng/ml
Fluorofentanyl	5.113	501220	311087.5	114.78	6632.4	4103	53.927 ng/ml
Fluoxetine	5.698	2515316	91332.0	6.90	162336.6	163203	492.266 ng/ml
Hydrocodone	2.972	2377341	∞	39.43	∞	264074	491.652 ng/ml
Hydromorphone	1.567	2367011	5075.0	73.38	∞	136959	503.067 ng/ml

AM #28 Multi-Drug Quant. Results

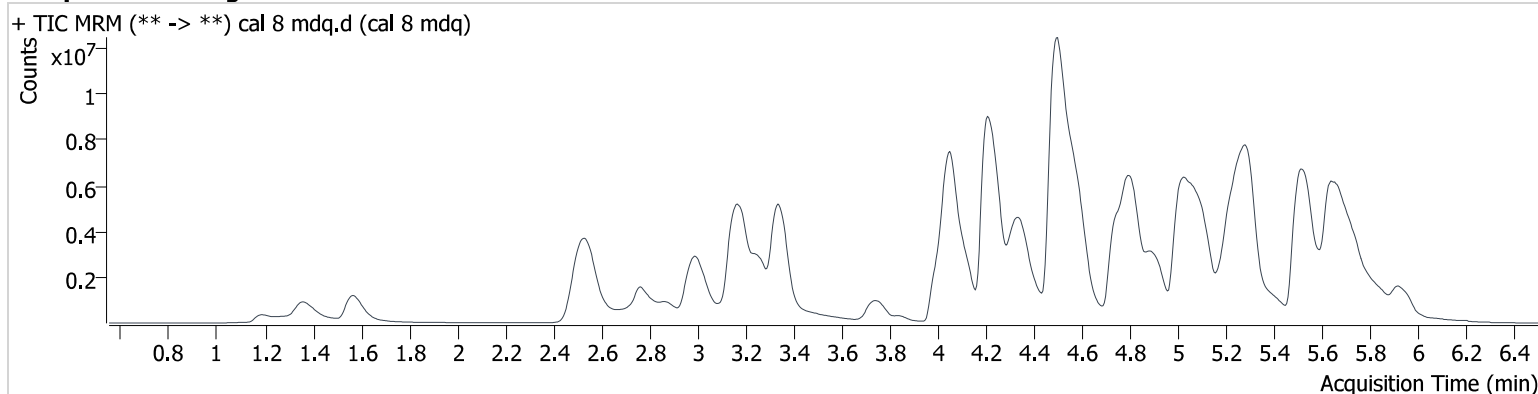
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.686	4181429	3041710.6	117.14	2474164.2	868659	491.091 ng/ml
Ketamine	3.999	5319777	586019.1	37.01	1214560.2	421124	468.184 ng/ml
Lamotrigine	4.269	210980	∞	104.31	35635.5	163203	547.424 ng/ml
Lorazepam	5.718	119821	∞	57.83	5754.5	21471	642.466 ng/ml
MDA	3.142	2554548	131731.4	29.68	240906.6	174409	377.735 ng/ml
MDMA	3.258	4114280	451137.9	108.59	202917.1	99548	484.912 ng/ml
Meprobamate	4.865	962995	28086.3	30.87	28351.8	72191	446.147 ng/ml
Methadone	5.635	10329166	162595.9	49.10	∞	679485	489.891 ng/ml
Methamphetamine	3.173	9823565	160125.1	38.57	301469.8	1077967	387.008 ng/ml
Metoprolol	4.293	832733	∞	97.43	∞	174409	485.562 ng/ml
Mirtazapine	4.574	11616109	128732.2	48.33	277400.9	99548	534.014 ng/ml
Mitragynine	5.173	1580784	39924.0	33.70	42357.6	868659	529.614 ng/ml
Morphine	1.186	451713	∞	20.13	∞	11366	482.080 ng/ml
Norbuprenorphine	4.963	48880	187301.5	97.33	164249.6	14941	49.618 ng/ml
Nordiazepam	5.871	758083	40013.8	60.11	5737.4	43110	518.530 ng/ml
Norfentanyl	4.056	75119	33724.0	272.53	4821.9	403017	51.992 ng/ml
Noroxycodone	2.874	1222277	387660.0	48.41	7985.9	87830	491.137 ng/ml
O-desmethyl-tramadol	3.341	14793596	698140.4	6.13	167145.5	1329842	490.663 ng/ml
O-Desmethylvenlafaxine	4.049	3145325	10947.8	245.32	20231.1	198459	484.664 ng/ml
Olanzapine	4.347	4145011	2901.7	48.31	4824.3	187393	501.294 ng/ml
Oxazepam	5.725	213170	4971.6	73.55	4098.8	21471	503.441 ng/ml
Oxycodone	2.767	4232459	∞	31.05	23714.3	378871	425.975 ng/ml
Oxymorphone	1.359	3372279	∞	46.61	∞	226104	501.518 ng/ml
Promethazine	5.532	9095485	306419.0	36.26	99594.2	743431	521.347 ng/ml
Pseudoephedrine	2.534	13087425	∞	17.02	∞	868659	509.424 ng/ml
Quetiapine	5.492	7649308	210716.3	63.25	∞	230531	485.309 ng/ml
Sertraline	5.750	931944	∞	95.87	69478.2	69992	498.474 ng/ml
Temazepam	5.813	1486039	31765.9	31.79	4361.5	137480	506.365 ng/ml
Tramadol	4.207	12659516	∞	3.24	4044.0	1182848	466.632 ng/ml
Trazodone	5.025	4418337	274744.6	79.57	375767.7	552989	366.411 ng/ml
Venlafaxine	5.012	9935472	433459.3	41.31	86752.9	963444	524.433 ng/ml
Zolpidem	4.800	14635215	∞	27.03	181304.6	1284092	504.380 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\032423\QuantResults\mdq.batch.bin
Calibration Last Update 3/27/2023 9:30:10 AM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H1	Comment	
Injection Volume	3		
Acq. Date-Time	3/24/2023 12:57:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	190269	∞	137.50	2171342.7	49222	95.251 ng/ml
7-aminoclonazepam	4.206	458081	29978.6	119.60	109061.8	47048	529.676 ng/ml
a-hydroxyalprazolam	5.686	71204	246.7	67.70	583.4	70901	776.879 ng/ml
alpha-PHP	4.900	3629685	163310.7	256.87	39367.1	350133	1120.800 ng/ml
alpha-PVP	4.326	10111193	184564.8	52.87	1203596.3	350133	1047.992 ng/ml
Alprazolam	5.739	2764200	∞	96.94	∞	60255	972.061 ng/ml
Amphetamine	3.000	3286027	537956.3	245.60	220303.1	211508	489.378 ng/ml
Benzoylcegonine	3.843	525254	∞	41.84	26696.8	17678	1001.929 ng/ml
Buprenorphine	5.633	104097	5302.9	15.68	3202.2	17271	94.104 ng/ml
Bupropion	4.741	10163309	881034.0	68.86	91011.0	376035	891.385 ng/ml
Carisoprodol	5.711	675606	1103002.7	58.50	∞	22328	998.854 ng/ml
Chlorpheniramine	5.089	21169806	∞	0.35	6965.3	812725	969.828 ng/ml
Citalopram	5.190	4286382	908003.3	39.52	131072.6	154296	981.687 ng/ml
Clonazepam	5.572	449096	144312.4	33.86	129774.9	8658	949.726 ng/ml
Clonazepam	5.550	754559	∞	38.27	36143.8	22868	958.674 ng/ml
Cocaine	4.241	6235500	586735.7	48.86	162569.8	476313	1002.762 ng/ml
Codeine	2.528	536811	9764.7	94.63	48319.3	25649	880.329 ng/ml
Cyclobenzaprine	5.595	5842162	258380.7	7.76	∞	181667	963.720 ng/ml
Dextromethorphan	5.234	4143883	∞	71.84	∞	176090	1001.344 ng/ml
Dextrorphan	4.105	7916518	4303786.2	44.70	158357.3	352719	1017.205 ng/ml
Diazepam	5.922	3505015	∞	85.23	∞	112707	1071.424 ng/ml
Dihydrocodeine	2.477	2311776	3518.9	64.96	13110.7	249588	692.570 ng/ml
Diphenhydramine	5.292	22847639	7221860.6	30.29	∞	765459	1003.443 ng/ml
Doxylamine	4.497	33100982	403066.0	94.93	338947.1	1080109	916.863 ng/ml
Duloxetine	5.631	372760	162.9	11.86	155.6	9653	1072.194 ng/ml
EDDP	5.234	12276580	∞	42.24	325834.1	545380	1052.793 ng/ml
Etizolam	5.779	498414	∞	397.77	27315.6	112707	1029.811 ng/ml
Fentanyl	5.041	526081	∞	139.86	69289.7	227062	100.791 ng/ml
Flualprazolam	5.692	627947	12241.1	89.57	1336.8	22868	1091.381 ng/ml
Fluorofentanyl	5.123	671092	2983.1	114.72	20101.1	2654	111.578 ng/ml
Fluoxetine	5.703	3068064	63940.4	6.99	613104.4	96416	1016.494 ng/ml
Hydrocodone	2.972	3701443	∞	39.60	4735.1	207952	972.784 ng/ml
Hydromorphone	1.567	3351293	∞	74.38	4975.6	97780	997.675 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	5104028	1072168.1	118.29	9622.7	544632	955.837 ng/ml
Ketamine	3.999	7134260	222666.8	36.75	50954.5	309078	856.113 ng/ml
Lamotrigine	4.269	188726	∞	98.76	112375.0	96416	828.637 ng/ml
Lorazepam	5.718	162929	∞	45.67	41111.6	12511	1497.678 ng/ml
MDA	3.137	2585453	117248.4	29.81	21800.2	104938	635.795 ng/ml
MDMA	3.253	5502119	367633.5	109.57	2460003.8	64098	1007.250 ng/ml
Meprobamate	4.859	963473	170170.3	30.45	88450.4	39710	812.593 ng/ml
Methadone	5.635	15094526	790048.8	48.54	223932.9	498656	975.533 ng/ml
Methamphetamine	3.168	12824601	225379.6	37.69	349275.6	915733	597.554 ng/ml
Metoprolol	4.288	908799	2089751.6	97.26	∞	104938	880.622 ng/ml
Mirtazapine	4.578	16479476	∞	48.17	1622962.5	64098	1175.718 ng/ml
Mitragynine	5.168	2224685	39868.5	36.59	365507.8	544632	1188.181 ng/ml
Morphine	1.186	620940	∞	20.21	∞	8107	929.029 ng/ml
Norbuprenorphine	4.963	66394	182971.3	98.07	63732.6	10170	99.114 ng/ml
Nordiazepam	5.871	828723	8059.7	59.25	16514.3	22868	1068.351 ng/ml
Norfentanyl	4.061	77264	11324.0	277.22	7412.6	208561	103.322 ng/ml
Noroxycodone	2.869	1505058	∞	47.82	∞	45486	1167.595 ng/ml
O-desmethyl-tramadol	3.335	21581854	334583.9	6.03	80573.1	981715	970.100 ng/ml
O-Desmethylvenlafaxine	4.049	4049790	24852.3	246.27	15233.9	130469	949.580 ng/ml
Olanzapine	4.358	5701246	4989.9	47.08	11346.5	139085	928.993 ng/ml
Oxazepam	5.725	241886	24097.6	73.44	5869.8	12511	980.002 ng/ml
Oxycodone	2.756	5580161	∞	30.82	∞	283487	751.524 ng/ml
Oxymorphone	1.359	4552528	∞	46.20	∞	162269	943.540 ng/ml
Promethazine	5.532	13847647	∞	34.52	229161.0	541751	1088.683 ng/ml
Pseudoephedrine	2.536	17256700	∞	16.74	∞	544632	1071.120 ng/ml
Quetiapine	5.486	9606914	17255301.4	62.51	∞	163683	858.810 ng/ml
Sertraline	5.750	1305461	54386.5	97.92	∞	45958	1063.249 ng/ml
Temazepam	5.818	1580368	35128.4	30.19	11301.8	70901	1043.867 ng/ml
Tramadol	4.202	17386654	∞	3.23	∞	869670	872.339 ng/ml
Trazodone	5.025	4904647	∞	79.37	148990.3	391087	575.444 ng/ml
Venlafaxine	5.012	14150351	281761.2	40.08	∞	699110	1028.967 ng/ml
Zolpidem	4.805	20371193	1091632.8	27.63	153873.2	924258	975.463 ng/ml