









REVIEWED

By Tamara Salazar at 9:50 am, Dec 09, 2022

12/8/2022

Worklist: 6181

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
C2022-2571	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2586		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2598		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2603	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2632		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2646		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2647		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2664		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	

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

Extraction Date 12-6-22 Analyst: Anne Nord
Plate lot#: 220802 Item: IDP-121-3CDA Plate re-test: 02/02/23

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

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

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

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

Pre-Analytic:

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

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:

Curve limits:

Alpha-hydroxyalprazolam 5-500 dropped cal 8 due to accuracy.
Amphetamine 5-500 dropped cal 8 due to accuracy
Chlordiazepoxide 5-500 dropped cal 8 due to accuracy
Chlorpheniramine 25-1000 dropped cal 1 and 2 due to poor response on qualifier peak.
Dihydrocodeine 5-500 dropped cal 8 due to accuracy.
MDA 5-500 dropped cal 8 due to accuracy
Norbuprenorphine 2.5-100 dropped cal 1 and 2 due to poor peak shape ratios our cal 1 and 1 ng control
Trazodone 5-500 dropped cal 8 due to accuracy

Did not evaluate: Norhydrocodone due to rising ratios. Fluoxetine due to ratio being out of range on 10ng control. Oxymorphone due to internal standard peak splitting as the run progressed. Benzoyllecgonine due to interferant in qualifier ion, see additional notes for evaluation of Benzoyllecgonine.



12/7/22 increased injection volume injected cal 1-6, blood QC10, negative blood, urine positive control, negative urine and C2022-2664. These injections were going to only be evaluated for benzoylecgonine. There was an interferant in the qualifier at lower levels. These injections were not evaluated.

12/8/22 The am 28 column was changed, the source was cleaned, and a check tune was run, cal 1-5, blood QC10, blood QC100, negative blood, urine positive control, negative urine and C2022-2664 were reinjected. These injections were evaluated for benzoylecgonine only.
The curve limits for this set of injections Benzoylecgonine 5-100

	1	2	3	4	5	6	7	8	9	10	11	12
A				negative urine	IS + Cal. 1	IS + QC_1						
B				Negative Blood	IS + Cal. 2	IS + QC_2						
C				2571-2	IS + Cal. 3	IS + QC 3						
D				2586-1	IS + Cal. 4	IS + QC_4						
E				2603-4	IS + Cal. 5	urine QC2						
F				2646-1	IS + Cal. 6	2647-1						
G				2632-1	IS + Cal. 7	Negative urine						
H				2598-1	IS + Cal. 8	2664-1						

blank in front

plate position 2

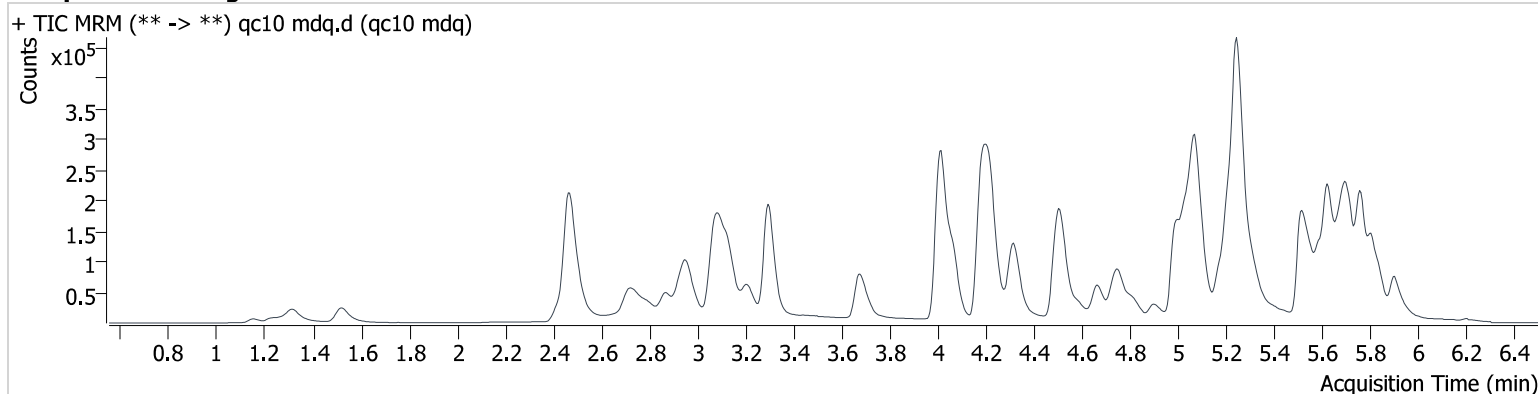
c2022-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-A6	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 12:26:12 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	1351	3748.2	117.22	∞	28805	1.117 ng/ml
7-aminoclonazepam	4.201	15647	1249.1	119.58	813.7	78034	10.692 ng/ml
a-hydroxyalprazolam	5.645	4397	11555.8	72.16	∞	161211	9.567 ng/ml
alpha-PHP	4.900	22396	842.5	241.18	3283.7	284252	10.210 ng/ml
alpha-PVP	4.326	78979	11212.6	53.96	2256.0	284252	9.975 ng/ml
Alprazolam	5.719	37963	834.3	91.91	1147.4	134735	9.865 ng/ml
Amphetamine	2.954	50730	601.5	298.99	2600.6	146466	10.414 ng/ml
Buprenorphine	5.923	3281	∞	18.89	560.4	41613	1.029 ng/ml
Bupropion	4.761	62454	5183.7	78.29	938.2	191198	9.464 ng/ml
Carisoprodol	5.674	29075	40356.4	61.60	237.4	78797	10.265 ng/ml
Chlordiazepoxide	5.813	16203	1095.7	64.92	84.3	210950	10.239 ng/ml
Chlorpheniramine	5.073	111066	3873.5	0.21 Low	72.7	395950	9.967 ng/ml
Citalopram	5.180	50381	471.5	41.66	∞	191956	9.961 ng/ml
Clonazepam	5.556	22993	6734.0	33.69	13568.4	40945	10.614 ng/ml
Clonazolam	5.497	20365	8784.3	42.28	1392.5	98252	10.732 ng/ml
Cocaine	4.220	56052	2643.5	50.50	1464.2	438016	10.267 ng/ml
Codeine	2.508	7702	4407.1	93.76	603.4	32744	10.518 ng/ml
Cyclobenzaprine	5.595	70097	5151.4	7.73	10544.6	185452	10.686 ng/ml
Dextromethorphan	5.224	41800	5767.0	70.30	1951.4	181693	10.717 ng/ml
Dextrorphan	4.065	43779	3433.2	43.95	31732.1	202850	10.454 ng/ml
Diazepam	5.901	23289	829.0	84.20	2001.0	98252	10.380 ng/ml
Dihydrocodeine	2.457	17867	489.0	62.90	613.8	100878	10.229 ng/ml
Diphenhydramine	5.250	183372	∞	30.73	4595.3	793745	10.347 ng/ml
DMT	2.749	9067	139.2	165.27	360.1	47734	9.743 ng/ml
Doxylamine	4.512	139976	2324.0	98.40	5847.6	433517	9.959 ng/ml
Duloxetine	5.626	7953	514.9	9.10	384.4	20281	10.954 ng/ml
EDDP	5.213	63132	3788.0	43.05	5823.7	291711	9.747 ng/ml
Etizolam	5.764	4329	15030.9	413.41	10898.0	98252	11.255 ng/ml
Fentanyl	5.098	6337	819.7	116.38	655.7	260549	1.019 ng/ml
Flualprazolam	5.655	16542	∞	101.51	∞	134735	10.295 ng/ml
Fluorofentanyl	5.159	4864	4415.1	128.43	199.4	3229	0.891 ng/ml
Hydrocodone	2.956	27881	2191.6	36.58	282.8	143296	9.884 ng/ml
Hydromorphone	1.527	19896	494.0	73.20	314.0	58694	10.197 ng/ml

AM #28 Multi-Drug Quant. Results

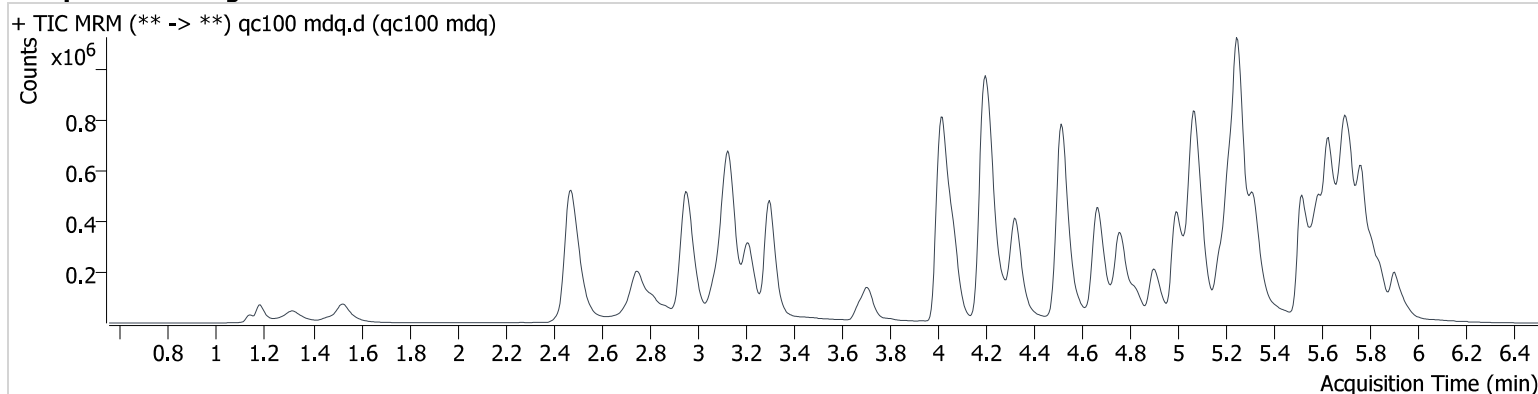
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.696	33895	2688.6	122.04	3212.0	420989	9.396 ng/ml
Ketamine	4.035	52173	∞	35.40	849.9	215030	10.270 ng/ml
Lamotrigine	4.244	3898	904.7	115.02	∞	185689	8.596 ng/ml
Lorazepam	5.697	21849	529.8	49.47	438.9	161211	9.788 ng/ml
MDA	3.111	74092	1998.6	30.21	506.7	185689	10.372 ng/ml
MDMA	3.213	47751	2489.5	107.42	1221.7	47734	10.139 ng/ml
Meprobamate	4.829	21908	1075.4	30.33	127.3	58960	10.262 ng/ml
Methadone	5.625	105912	4209.1	49.69	496.5	339229	10.280 ng/ml
Methamphetamine	3.137	132175	9252.2	40.56	4033.4	440247	10.298 ng/ml
Metoprolol	4.273	12827	12353.3	90.27	1296.6	546408	10.528 ng/ml
Mirtazapine	4.667	103867	7617.1	48.29	4848.5	47734	9.981 ng/ml
Mitragynine	5.236	18614	∞	26.37	3171.6	185689	9.660 ng/ml
Morphine	1.156	2935	261.4	20.70	118.5	4077	9.967 ng/ml
Norbuprenorphine	4.947	333	14.3	140.37 High	564.3	5856	0.621 ng/ml
Nordiazepam	5.845	21361	5385.5	60.87	708.1	68962	10.095 ng/ml
Norfentanyl	4.030	1415	649.2	253.78	119.3	364105	1.031 ng/ml
Noroxycodone	2.813	19185	510.2	51.04	783.3	61027	9.852 ng/ml
O-desmethyl-tramadol	3.299	110743	6233.1	6.30	990.9	446927	10.001 ng/ml
O-Desmethylvenlafaxine	4.013	30668	1078.9	237.81	1120.6	99651	10.546 ng/ml
Olanzapine	4.650	25391	80.7	41.67	69.7	59690	10.554 ng/ml
Oxazepam	5.699	37717	995.5	69.44	62.2	161211	9.822 ng/ml
Oxycodone	2.746	51716	2457.9	30.21	1014.9	169522	9.961 ng/ml
Phentermine	3.709	20327	133.1	13.32	160.1	219813	11.002 ng/ml
Promethazine	5.516	88511	1581.8	38.64	4599.3	420989	9.996 ng/ml
Pseudoephedrine	2.476	133098	3266.1	17.46	1748.0	546408	10.169 ng/ml
Quetiapine	5.570	52082	∞	64.94	255166.1	77002	10.138 ng/ml
Sertraline	5.750	22094	∞	97.61	12961.5	85502	9.840 ng/ml
Temazepam	5.766	73471	3854.8	29.10	3644.3	315561	10.012 ng/ml
Tramadol	4.192	127210	4583.5	3.35	86.9	508103	10.192 ng/ml
Trazodone	5.309	79598	3903.5	71.12	7822.5	262370	9.677 ng/ml
Venlafaxine	4.991	81790	6037.0	48.42	316.0	419639	9.432 ng/ml
Zolpidem	5.057	122835	25559.3	27.58	11192.2	457444	10.122 ng/ml

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Calibration Last Update 12/8/2022 10:42:44 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B6	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 2:50:24 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.077	10801	208213.5	133.08	∞	25163	10.474 ng/ml
7-aminoclonazepam	4.201	104064	9306.4	115.81	5314.1	52327	114.456 ng/ml
a-hydroxyalprazolam	5.645	35682	1971.1	64.31	1056.2	120474	99.298 ng/ml
alpha-PHP	4.900	189155	∞	255.16	102623.8	245651	99.743 ng/ml
alpha-PVP	4.326	679810	4985299.5	54.33	29422.2	245651	98.328 ng/ml
Alprazolam	5.724	312521	1079.2	90.83	2978.3	106203	99.658 ng/ml
Amphetamine	2.954	436956	65065.2	267.60	7512.7	128565	112.459 ng/ml
Buprenorphine	5.928	27913	162847.5	17.02	6037.0	36725	9.044 ng/ml
Bupropion	4.761	558924	12157.3	75.52	12049.5	165506	97.899 ng/ml
Carisoprodol	5.674	216390	∞	63.74	1202.5	63650	96.966 ng/ml
Chlordiazepoxide	5.813	129615	87942.9	70.36	1188.7	176498	102.546 ng/ml
Chlorpheniramine	5.073	965089	59456.4	0.26	179.4	358745	101.227 ng/ml
Citalopram	5.180	438810	35648.8	38.83	∞	164049	101.042 ng/ml
Clonazepam	5.556	191821	222497.9	35.95	38645.4	33427	109.000 ng/ml
Clonazolam	5.503	169851	40674.8	40.61	6914.6	82483	110.437 ng/ml
Cocaine	4.220	470754	∞	51.30	32930.3	374498	100.604 ng/ml
Codeine	2.508	66143	11664.9	92.27	2139.1	28084	96.278 ng/ml
Cyclobenzaprine	5.595	572835	781711.5	7.31	422.8	160251	101.964 ng/ml
Dextromethorphan	5.218	338519	∞	74.68	33740.8	152857	98.932 ng/ml
Dextrorphan	4.065	389246	72208.0	44.32	577110.1	182047	101.113 ng/ml
Diazepam	5.901	185559	4425.3	89.02	3817.6	82483	97.535 ng/ml
Dihydrocodeine	2.462	150891	900.5	61.86	1746.0	85932	105.287 ng/ml
Diphenhydramine	5.255	1503789	2074301.1	32.00	26976.6	677826	97.899 ng/ml
DMT	2.744	78555	1640.0	160.30	267.0	40993	100.723 ng/ml
Doxylamine	4.512	1271215	165636.4	96.54	235870.7	409512	98.375 ng/ml
Duloxetine	5.620	65898	1252.7	9.59	76.2	20137	93.143 ng/ml
EDDP	5.213	617137	78648.5	41.27	2875547.7	279577	101.468 ng/ml
Etizolam	5.764	33841	129368.4	416.92	13052.7	82483	109.216 ng/ml
Fentanyl	5.098	53753	3685.9	114.57	45086.9	225447	9.516 ng/ml
Flualprazolam	5.655	134420	1578.1	101.77	44096.3	106203	105.326 ng/ml
Fluorofentanyl	5.159	42135	49697.1	130.34	1282.2	2705	9.461 ng/ml
Hydrocodone	2.956	225095	∞	37.95	∞	119399	100.589 ng/ml
Hydromorphone	1.527	170181	839.4	74.99	501.5	49376	102.962 ng/ml

AM #28 Multi-Drug Quant. Results

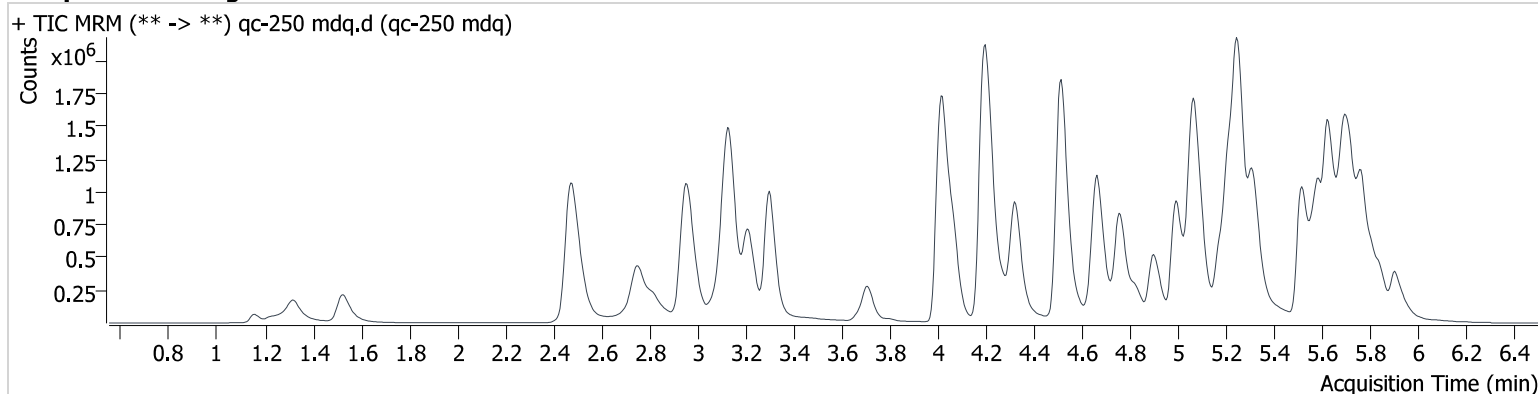
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	297476	114722.6	113.31	25887.5	362336	101.053 ng/ml
Ketamine	4.035	436038	71513.5	37.14	8862.2	182549	102.509 ng/ml
Lamotrigine	4.244	37248	5948.5	98.13	211651.8	157806	102.836 ng/ml
Lorazepam	5.697	168829	2367.4	44.85	3043.9	120474	109.052 ng/ml
MDA	3.111	613901	26879.2	29.09	3663.1	157806	104.661 ng/ml
MDMA	3.213	417353	367689.6	105.92	22055.1	40993	105.779 ng/ml
Meprobamate	4.829	184259	15417.5	31.45	6767.7	49501	107.882 ng/ml
Methadone	5.625	878379	15401.9	52.22	25704.0	286818	101.487 ng/ml
Methamphetamine	3.137	892273	10622.7	38.71	∞	375260	112.085 ng/ml
Metoprolol	4.278	107156	94778.6	94.13	6743.3	474598	105.906 ng/ml
Mirtazapine	4.667	881099	268037.0	48.50	44818.5	40993	102.574 ng/ml
Mitragynine	5.236	152041	442165.5	28.13	84056.1	157806	94.045 ng/ml
Morphine	1.141	25554	5398.8	19.33	875.1	3521	103.429 ng/ml
Norbuprenorphine	4.942	3153	23869.9	104.37	664.4	5042	9.252 ng/ml
Nordiazepam	5.845	180912	∞	60.88	3991.1	58190	101.418 ng/ml
Norfentanyl	4.030	11128	1029.5	250.63	995.6	306790	10.985 ng/ml
Noroxycodone	2.813	164252	2898.9	51.57	∞	52442	99.054 ng/ml
O-desmethyl-tramadol	3.299	975399	93005.8	6.41	3412.0	399143	100.331 ng/ml
O-Desmethylvenlafaxine	4.013	263505	424.8	240.84	4435.2	86355	107.661 ng/ml
Olanzapine	4.650	233873	521.6	40.10	1099.8	55535	107.639 ng/ml
Oxazepam	5.704	282633	3788.5	72.12	18272.7	120474	98.433 ng/ml
Oxycodone	2.751	427266	22225.1	32.37	13798.2	147962	99.946 ng/ml
Phentermine	3.709	180902	1643.6	11.05	1323.6	202726	117.179 ng/ml
Promethazine	5.516	773954	514766.5	37.76	9277.5	362336	99.948 ng/ml
Pseudoephedrine	2.476	1121500	11878.7	17.31	16101.5	474598	98.860 ng/ml
Quetiapine	5.570	440949	1377949.6	66.28	967886.3	62713	105.855 ng/ml
Sertraline	5.750	169016	906281.0	100.19	34821.3	67851	97.172 ng/ml
Temazepam	5.766	576596	17220.7	28.73	2024.7	245501	101.165 ng/ml
Tramadol	4.192	1105042	∞	3.26	885.5	451272	99.902 ng/ml
Trazodone	5.314	696913	∞	70.15	∞	225119	95.899 ng/ml
Venlafaxine	4.991	722939	56553.8	47.51	4843.8	357509	97.420 ng/ml
Zolpidem	5.057	1063452	1179464.2	27.57	53284.9	390163	106.694 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-C6	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 12:35:14 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	26494	101837.4	128.02	193053.5	25773	25.126 ng/ml
7-aminoclonazepam	4.201	231839	∞	117.06	∞	48897	274.180 ng/ml
a-hydroxyalprazolam	5.645	67294	1934.5	71.40	3179.2	89740	250.693 ng/ml
alpha-PHP	4.900	486511	∞	249.01	33173.0	244870	257.351 ng/ml
alpha-PVP	4.326	1707749	235387.5	53.85	674913.2	244870	247.624 ng/ml
Alprazolam	5.724	701833	∞	92.47	7504.2	92255	257.072 ng/ml
Amphetamine	2.954	967041	32100.6	267.35	133778.1	126015	255.387 ng/ml
Buprenorphine	5.928	74023	17097.5	16.68	7467.7	37173	23.531 ng/ml
Bupropion	4.761	1411208	117388.5	75.45	33198.1	166652	245.491 ng/ml
Carisoprodol	5.674	445969	∞	59.92	3934.7	50681	251.445 ng/ml
Chlordiazepoxide	5.813	278689	1292.4	73.07	1259.4	161963	241.003 ng/ml
Chlorpheniramine	5.073	2361632	∞	0.26	1265.7	334538	266.700 ng/ml
Citalopram	5.175	1077152	104790.2	39.88	104364.5	157796	257.777 ng/ml
Clonazepam	5.556	409739	125834.6	35.89	496657.0	30478	255.440 ng/ml
Clonazolam	5.497	402772	206839.3	38.78	30372.3	79447	272.511 ng/ml
Cocaine	4.220	1127143	193985.7	51.47	∞	352703	255.721 ng/ml
Codeine	2.508	150836	7335.4	95.71	4303.1	24147	253.695 ng/ml
Cyclobenzaprine	5.595	1355948	294030.0	7.50	331.1	144963	266.986 ng/ml
Dextromethorphan	5.218	839147	578579.1	71.19	218050.5	145462	256.920 ng/ml
Dextrorphan	4.065	942373	88784.4	45.00	∞	177135	251.175 ng/ml
Diazepam	5.901	450100	8253.9	87.92	∞	79447	245.449 ng/ml
Dihydrocodeine	2.457	350481	4416.9	63.31	4802.9	86192	244.388 ng/ml
Diphenhydramine	5.255	3569790	115630.4	31.44	26504.5	635484	247.623 ng/ml
DMT	2.749	188365	2677.1	155.73	10397.2	40991	241.912 ng/ml
Doxylamine	4.512	3293524	∞	93.11	209619.3	385845	271.042 ng/ml
Duloxetine	5.620	150936	1113.8	10.43	689.2	16573	259.630 ng/ml
EDDP	5.213	1549448	90469.5	43.26	223982.2	280798	253.983 ng/ml
Etizolam	5.769	80046	∞	410.60	∞	79447	268.974 ng/ml
Fentanyl	5.098	128214	4115.5	123.30	297059.1	206390	24.709 ng/ml
Flualprazolam	5.655	288243	15223.2	98.41	3716.7	92255	259.875 ng/ml
Fluorofentanyl	5.159	105256	65623.0	127.73	1239.5	2599	24.639 ng/ml
Hydrocodone	2.956	501628	143371.1	38.46	5183.4	114632	234.218 ng/ml
Hydromorphone	1.527	444595	4210.9	70.17	509.2	51008	260.261 ng/ml

AM #28 Multi-Drug Quant. Results

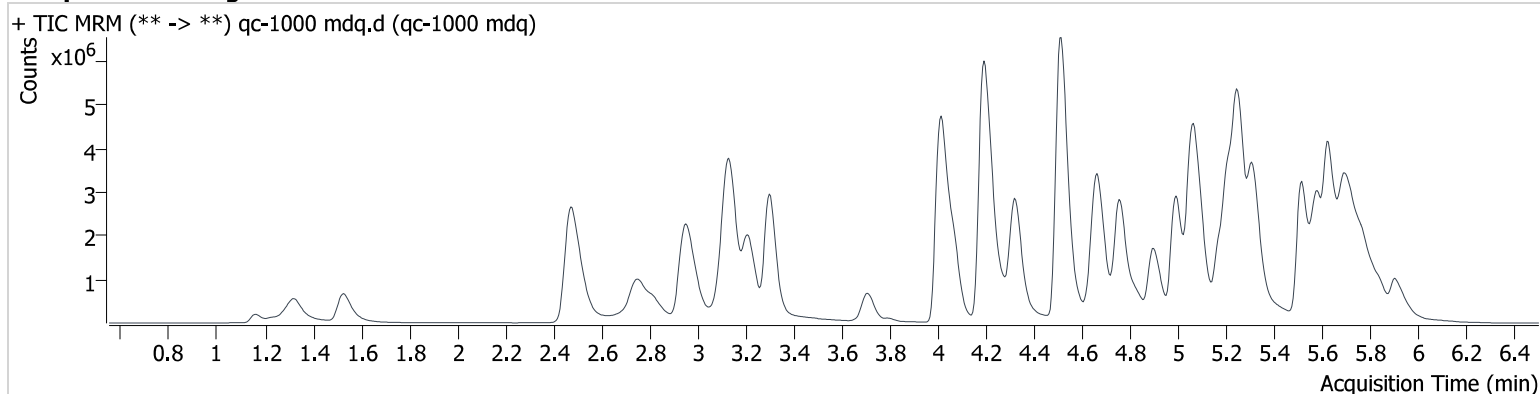
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	727464	14287.1	114.85	21888.6	347583	258.492 ng/ml
Ketamine	4.035	1019581	28596.6	37.70	9771.4	169998	257.631 ng/ml
Lamotrigine	4.244	85441	11481.2	97.41	343652.6	141039	264.874 ng/ml
Lorazepam	5.702	293595	∞	48.16	56108.0	89740	255.714 ng/ml
MDA	3.111	1329100	∞	29.33	9541.3	141039	254.105 ng/ml
MDMA	3.213	1010819	136784.8	105.25	55597.6	40991	256.611 ng/ml
Meprobamate	4.829	414965	12832.3	31.72	3793.5	48766	247.343 ng/ml
Methadone	5.625	2182139	121552.7	50.70	50013.5	284513	254.275 ng/ml
Methamphetamine	3.137	2132114	∞	39.11	776055.1	396629	258.962 ng/ml
Metoprolol	4.273	245971	444263.9	99.30	∞	448684	257.914 ng/ml
Mirtazapine	4.662	2161015	89491.9	48.53	221996.1	40991	252.246 ng/ml
Mitragynine	5.235	349027	449323.7	30.44	6140.7	141039	241.776 ng/ml
Morphine	1.156	64123	22590.1	19.59	1275.4	3514	260.485 ng/ml
Norbuprenorphine	4.947	8020	∞	104.27	12966.1	5217	23.095 ng/ml
Nordiazepam	5.845	415932	∞	60.18	37283.5	51806	261.924 ng/ml
Norfentanyl	4.025	24879	9347.5	250.71	1151.2	281652	26.987 ng/ml
Noroxycodone	2.818	384551	64580.3	51.74	∞	50766	239.704 ng/ml
O-desmethyl-tramadol	3.299	2444750	133339.6	6.30	70772.2	400881	250.667 ng/ml
O-Desmethylvenlafaxine	4.008	641568	5893.6	242.94	21170.6	86387	262.530 ng/ml
Olanzapine	4.645	673210	355.5	43.86	285.9	66829	257.972 ng/ml
Oxazepam	5.704	539865	158649.9	71.00	5536.5	89740	252.404 ng/ml
Oxycodone	2.751	1016521	83008.1	31.85	24536.4	146507	241.084 ng/ml
Phentermine	3.709	416495	∞	10.99	2621.3	201250	273.443 ng/ml
Promethazine	5.516	1909067	∞	38.79	21797.6	347583	256.724 ng/ml
Pseudoephedrine	2.481	2726490	226287.6	17.14	26655.3	448684	254.259 ng/ml
Quetiapine	5.570	1046830	171118.3	66.59	1143815.0	57512	274.109 ng/ml
Sertraline	5.750	384053	3529344.7	100.91	11924.0	62915	238.515 ng/ml
Temazepam	5.766	1241806	46358.5	29.09	2842.6	216919	246.611 ng/ml
Tramadol	4.192	2701898	∞	3.33	5713.6	422874	260.710 ng/ml
Trazodone	5.309	1708091	∞	70.90	∞	216232	244.224 ng/ml
Venlafaxine	4.991	1808702	84492.2	46.85	49851.4	364045	239.289 ng/ml
Zolpidem	5.057	2457263	80993.7	28.74	∞	390528	246.868 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-D6	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 12:44:15 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	93991	∞	131.81	281668.5	24217	94.953 ng/ml
7-aminoclonazepam	4.201	549694	30791.9	118.40	187549.6	36464	873.798 ng/ml
a-hydroxyalprazolam	5.640	107522	∞	63.58	2822.3	27076	1325.570 ng/ml
alpha-PHP	4.900	1655962	∞	250.34	∞	209031	1026.130 ng/ml
alpha-PVP	4.321	5940344	715510.6	52.62	1066819.6	209031	1008.681 ng/ml
Alprazolam	5.724	1731710	2331.1	94.07	5838.4	55535	1052.598 ng/ml
Amphetamine	2.949	2380560	92452.5	256.81	200971.1	123415	643.694 ng/ml
Buprenorphine	5.928	276586	24882.4	15.94	32399.1	32992	98.741 ng/ml
Bupropion	4.756	5219608	763124.1	71.05	148604.8	165023	916.970 ng/ml
Carisoprodol	5.669	711868	∞	58.67	70007.0	22248	915.063 ng/ml
Chlordiazepoxide	5.813	642751	226813.5	83.68	13813.0	115394	781.365 ng/ml
Chlorpheniramine	5.076	7604931	177260.3	0.29	10128.0	286714	1003.893 ng/ml
Citalopram	5.175	3182222	121372.4	41.27	121524.4	116209	1033.925 ng/ml
Clonazepam	5.551	805571	995352.2	33.83	8547.9	15150	1010.500 ng/ml
Clonazolam	5.492	1081187	∞	38.68	51144.4	65340	890.424 ng/ml
Cocaine	4.220	3492744	1972135.1	50.60	163442.0	277591	1006.754 ng/ml
Codeine	2.513	416712	64749.7	94.02	74461.5	14312	1178.823 ng/ml
Cyclobenzaprine	5.595	3608269	558238.9	7.75	1017.9	104450	986.319 ng/ml
Dextromethorphan	5.213	2180846	112833.1	71.36	∞	88839	1091.684 ng/ml
Dextrorphan	4.070	3022505	915631.1	44.11	386675.6	135969	1048.630 ng/ml
Diazepam	5.901	1457749	∞	86.10	10103.7	65340	966.232 ng/ml
Dihydrocodeine	2.457	998787	3582.8	63.71	6108.4	78369	766.900 ng/ml
Diphenhydramine	5.255	10740453	300162.3	30.42	515269.6	454190	1041.859 ng/ml
DMT	2.744	637649	201856.2	127.52	3341.3	32099	1046.661 ng/ml
Doxylamine	4.512	12418139	∞	95.48	334405.4	372826	1058.528 ng/ml
Duloxetine	5.620	326350	817.2	10.33	9251.2	9127	1019.994 ng/ml
EDDP	5.208	5354652	247503.6	42.41	107076.1	232426	1061.103 ng/ml
Etizolam	5.769	229332	∞	404.76	58154.2	65340	938.301 ng/ml
Fentanyl	5.098	417692	52819.9	122.36	151210.1	145722	113.818 ng/ml
Flualprazolam	5.655	628716	9008.4	96.35	22821.8	55535	941.408 ng/ml
Fluorofentanyl	5.159	398476	338051.8	118.82	7267.2	2342	103.623 ng/ml
Hydrocodone	2.956	1557644	∞	38.02	11793.6	93317	894.974 ng/ml
Hydromorphone	1.527	1550122	5651.0	74.65	4161.8	44524	1039.337 ng/ml

AM #28 Multi-Drug Quant. Results

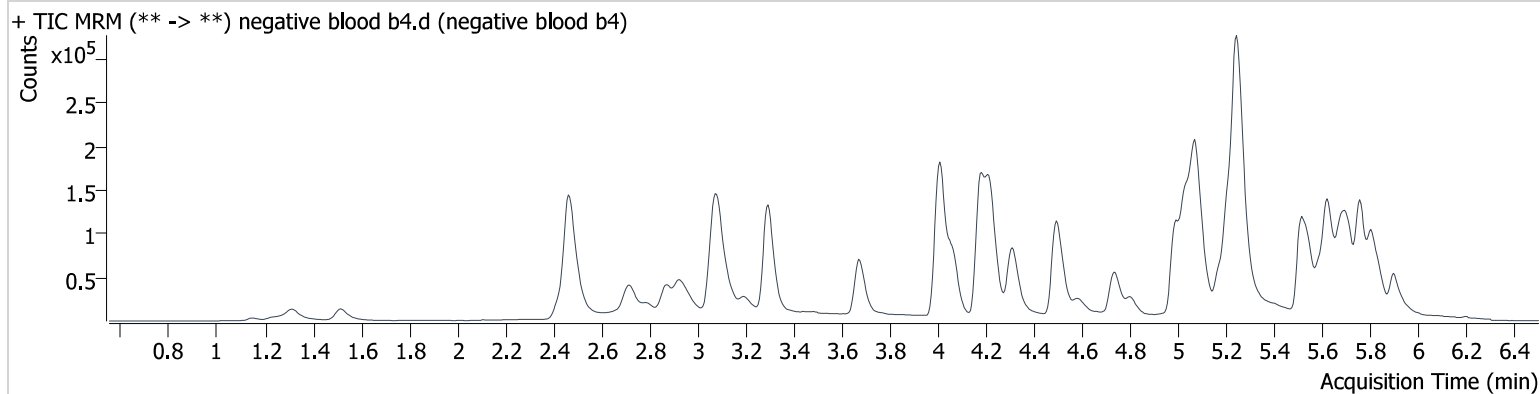
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	2348657	7832725.7	114.68	97701.1	297663	976.093 ng/ml
Ketamine	4.035	2783584	105910.3	37.11	26191.0	119662	999.692 ng/ml
Lamotrigine	4.244	207148	21106.8	93.45	∞	95061	954.347 ng/ml
Lorazepam	5.697	288627	9223.4	49.01	2262.6	27076	835.072 ng/ml
MDA	3.106	2741145	890705.9	28.92	152137.9	95061	778.376 ng/ml
MDMA	3.213	3180683	289010.6	105.98	290734.1	32099	1031.993 ng/ml
Meprobamate	4.829	1110476	408677.4	31.14	13368.8	36720	880.487 ng/ml
Methadone	5.625	7236862	1257936.4	49.26	6413341.1	241417	994.030 ng/ml
Methamphetamine	3.132	7033118	∞	38.13	∞	388742	881.995 ng/ml
Metoprolol	4.278	741230	∞	92.30	∞	351576	993.431 ng/ml
Mirtazapine	4.669	6802583	∞	47.94	156898.7	32099	1015.354 ng/ml
Mitragynine	5.235	865610	120354.4	31.71	109006.0	95061	890.011 ng/ml
Morphine	1.161	217613	82276.4	18.69	5200.1	3242	959.232 ng/ml
Norbuprenorphine	4.947	30848	6849.4	99.84	40779.0	4380	106.686 ng/ml
Nordiazepam	5.845	1071196	61207.1	60.22	15863.4	34224	1021.115 ng/ml
Norfentanyl	4.025	51196	4316.9	269.80	6290.1	190637	82.379 ng/ml
Noroxycodone	2.818	1035298	∞	48.98	14358.4	31551	1038.698 ng/ml
O-desmethyl-tramadol	3.299	8678538	186074.6	6.07	∞	360756	989.368 ng/ml
O-Desmethylvenlafaxine	4.008	1997155	1623.2	246.27	85312.8	73019	967.779 ng/ml
Olanzapine	4.640	2490281	4977.6	48.18	250.0	70868	900.763 ng/ml
Oxazepam	5.704	641669	75575.2	71.88	90611.8	27076	994.278 ng/ml
Oxycodone	2.751	3103698	∞	29.89	16203.8	127696	846.197 ng/ml
Phentermine	3.709	1245196	∞	9.95	23896.5	187302	881.210 ng/ml
Promethazine	5.516	6923609	668442.4	36.10	76473.2	297663	1086.635 ng/ml
Pseudoephedrine	2.476	8432154	∞	16.93	∞	351576	1003.607 ng/ml
Quetiapine	5.570	3115965	∞	67.66	∞	52341	896.635 ng/ml
Sertraline	5.745	958879	∞	99.03	150495.6	34893	1074.685 ng/ml
Temazepam	5.776	2433288	234785.2	30.32	8562.5	107290	977.053 ng/ml
Tramadol	4.187	8470485	∞	3.23	13249.1	363193	951.701 ng/ml
Trazodone	5.309	5884161	∞	70.13	∞	134673	1349.440 ng/ml
Venlafaxine	4.991	6655507	952705.4	42.68	27231.8	313764	1021.465 ng/ml
Zolpidem	5.052	7851083	501213.4	27.79	104249.6	333153	925.780 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 AM

Instrument	69679	Data File	negative blood b4.d
Type	Sample	Sample	negative blood b4
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B4	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 1:02:18 PM		
Sample Info.			

Sample Chromatogram

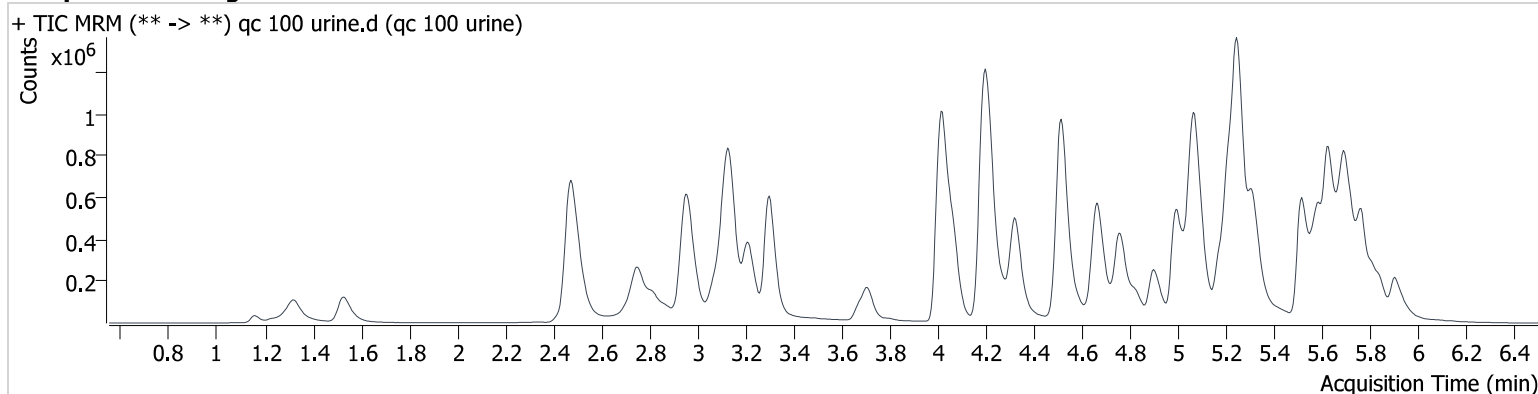


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-E6	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 12:53:17 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	13533	20706.7	131.28	∞	31606	10.448 ng/ml
7-aminoclonazepam	4.201	155884	9743.9	119.08	33191.2	81795	109.642 ng/ml
a-hydroxyalprazolam	5.645	35257	4875.7	69.83	943.3	95856	123.200 ng/ml
alpha-PHP	4.900	228749	∞	249.48	16800.2	295890	100.141 ng/ml
alpha-PVP	4.326	818384	38692.8	54.38	18849.8	295890	98.274 ng/ml
Alprazolam	5.724	296000	3666.5	91.78	2503.9	100921	99.330 ng/ml
Amphetamine	2.954	528756	36661.0	269.35	10310.9	156609	111.708 ng/ml
Buprenorphine	5.928	38480	3139.3	16.35	9484.7	47527	9.628 ng/ml
Bupropion	4.761	664654	57309.5	75.39	8006.9	199618	96.524 ng/ml
Carisoprodol	5.674	208636	∞	65.50	2520.7	67087	88.677 ng/ml
Chlordiazepoxide	5.813	120793	730.6	71.86	1866.6	169202	99.672 ng/ml
Chlorpheniramine	5.073	1183275	24286.8	0.27	609.9	446363	99.741 ng/ml
Citalopram	5.175	540939	15700.1	39.43	∞	196838	103.808 ng/ml
Clonazepam	5.556	184448	4463.2	36.56	∞	31629	110.769 ng/ml
Clonazolam	5.497	199495	24207.8	38.77	9320.2	94426	113.317 ng/ml
Cocaine	4.220	548249	47960.9	50.77	34157.5	439215	99.902 ng/ml
Codeine	2.508	83034	17941.7	90.81	2763.6	34415	98.604 ng/ml
Cyclobenzaprine	5.595	642471	36785.2	8.23	779.9	178098	102.900 ng/ml
Dextromethorphan	5.218	425134	27060.4	72.21	8981.9	189573	100.176 ng/ml
Dextrorphan	4.065	493666	557313.0	43.56	27654.4	226101	103.246 ng/ml
Diazepam	5.901	215091	∞	85.57	5033.3	94426	98.757 ng/ml
Dihydrocodeine	2.462	197767	5149.4	62.28	1151.7	114740	103.340 ng/ml
Diphenhydramine	5.250	1802039	60729.5	31.87	72042.1	810815	98.074 ng/ml
DMT	2.749	95052	2357.1	159.09	8390.9	52903	94.422 ng/ml
Doxylamine	4.512	1610287	26128.4	93.15	∞	475333	107.386 ng/ml
Duloxetine	5.620	75002	418.8	10.18	179.3	20794	102.681 ng/ml
EDDP	5.213	798041	∞	43.17	∞	370669	98.961 ng/ml
Etizolam	5.764	33768	87671.7	431.29	7797.5	94426	95.128 ng/ml
Fentanyl	5.098	63188	4183.8	119.83	2482.0	255777	9.858 ng/ml
Flualprazolam	5.655	146754	77715.9	99.98	∞	100921	120.996 ng/ml
Fluorofentanyl	5.159	50764	1908.5	125.78	1841.0	2835	10.880 ng/ml
Hydrocodone	2.961	280677	∞	38.12	27245.1	148654	100.744 ng/ml
Hydromorphone	1.527	229860	4081.5	71.23	523.2	65188	105.335 ng/ml

AM #28 Multi-Drug Quant. Results

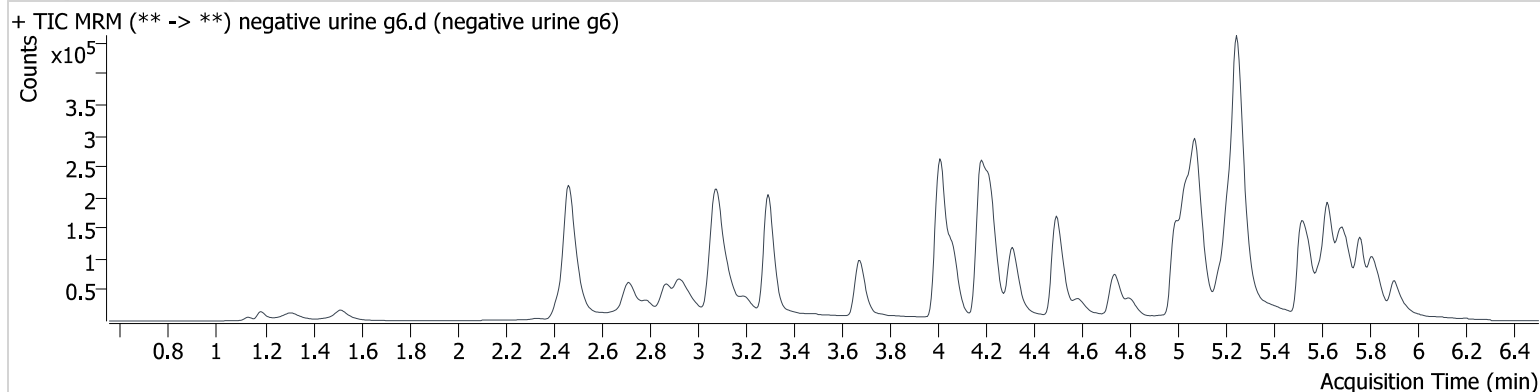
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	332761	1851.3	114.67	437.8	425740	96.177 ng/ml
Ketamine	4.035	508954	84679.3	37.16	5013.2	212110	102.976 ng/ml
Lamotrigine	4.244	46070	15297.2	93.62	4447.5	192066	104.513 ng/ml
Lorazepam	5.692	117113	7928.9	45.36	1098.5	95856	94.967 ng/ml
MDA	3.111	744472	67311.7	29.84	∞	192066	104.280 ng/ml
MDMA	3.213	513538	20366.9	105.19	13454.6	52903	100.842 ng/ml
Meprobamate	4.829	202692	25112.7	31.72	1208.1	56892	103.233 ng/ml
Methadone	5.625	1043959	30560.4	51.52	17822.2	352751	98.070 ng/ml
Methamphetamine	3.137	1113134	∞	38.99	∞	481932	108.752 ng/ml
Metoprolol	4.278	129868	18519.0	96.56	6754.6	596963	102.025 ng/ml
Mirtazapine	4.667	1037700	112074.0	49.40	25363.2	52903	93.570 ng/ml
Mitragynine	5.235	210905	∞	30.15	85746.1	192066	107.205 ng/ml
Morphine	1.161	31581	7651.7	19.32	1215.9	4392	102.450 ng/ml
Norbuprenorphine	4.947	4133	7801.6	106.58	57449.3	6206	9.869 ng/ml
Nordiazepam	5.845	174131	∞	59.48	298666.2	55953	101.521 ng/ml
Norfentanyl	4.025	13584	3259.4	259.67	2185.5	384435	10.698 ng/ml
Noroxycodone	2.813	238319	∞	51.55	15255.8	75077	100.392 ng/ml
O-desmethyl-tramadol	3.299	1227019	522398.5	6.30	12829.8	513480	98.105 ng/ml
O-Desmethylvenlafaxine	4.013	327795	2831.4	245.34	5713.6	111723	103.505 ng/ml
Olanzapine	4.645	398082	218.8	42.69	464.9	96156	105.810 ng/ml
Oxazepam	5.699	212013	11191.1	70.62	1236.4	95856	92.802 ng/ml
Oxycodone	2.751	583349	19735.2	30.04	7131.0	194788	103.678 ng/ml
Phentermine	3.709	223627	6614.4	10.74	1284.9	244206	120.283 ng/ml
Promethazine	5.516	922834	13995.5	37.76	64822.2	425740	101.423 ng/ml
Pseudoephedrine	2.476	1433074	10817.0	17.28	21757.0	596963	100.432 ng/ml
Quetiapine	5.570	524636	∞	65.56	10373.4	73167	107.953 ng/ml
Sertraline	5.750	148609	53399.1	97.12	28505.9	61010	95.014 ng/ml
Temazepam	5.766	470503	3450.3	29.54	1152.1	206781	98.008 ng/ml
Tramadol	4.192	1350755	∞	3.25	1730.2	542744	101.535 ng/ml
Trazodone	5.309	854307	9637.1	69.59	53269.7	255765	103.448 ng/ml
Venlafaxine	4.991	904786	39806.8	46.41	5452.1	456958	95.391 ng/ml
Zolpidem	5.057	1258842	33487.7	28.28	12473.9	489044	100.737 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 AM

Instrument	69679	Data File	negative urine g6.d
Type	Sample	Sample	negative urine g6
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-G6	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 2:32:22 PM		
Sample Info.			

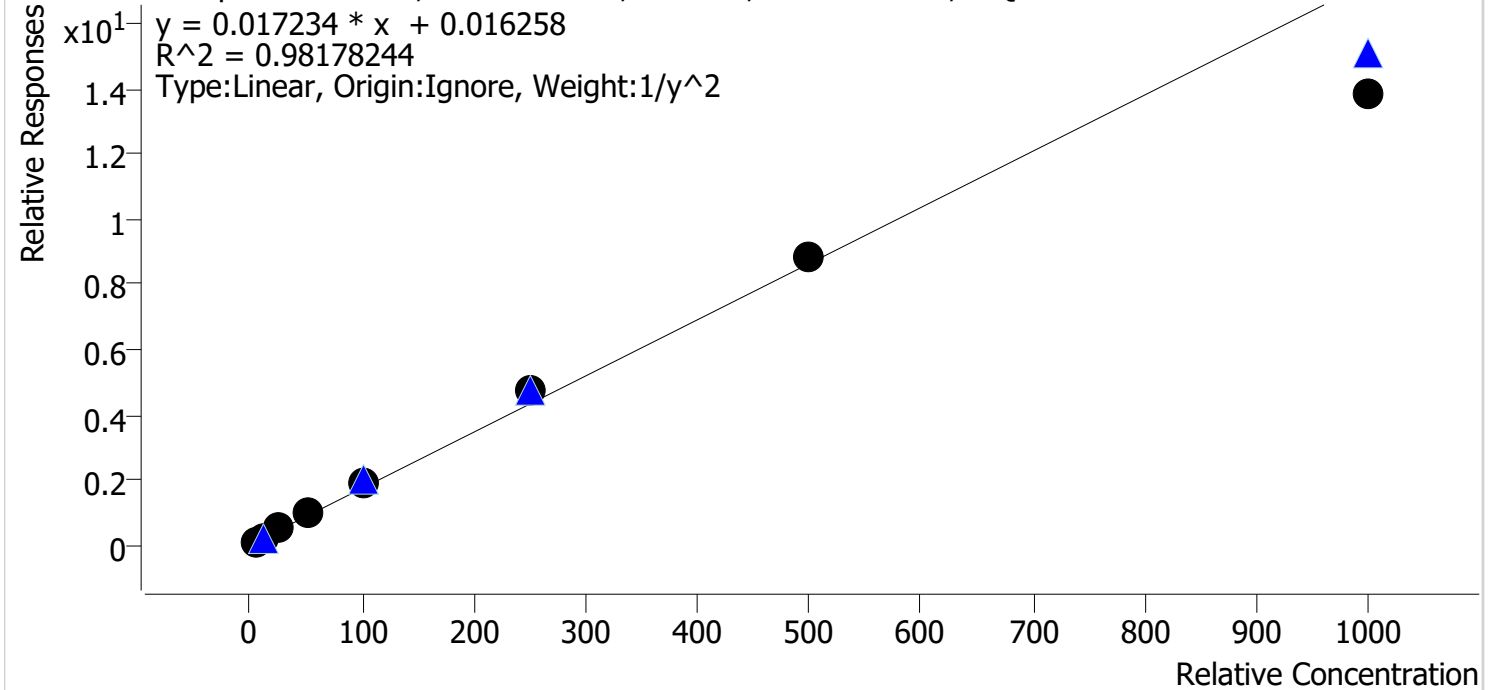
Sample Chromatogram



Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	7-aminoclonazepam	Internal Standard	7-Aminoclonazepam-D4

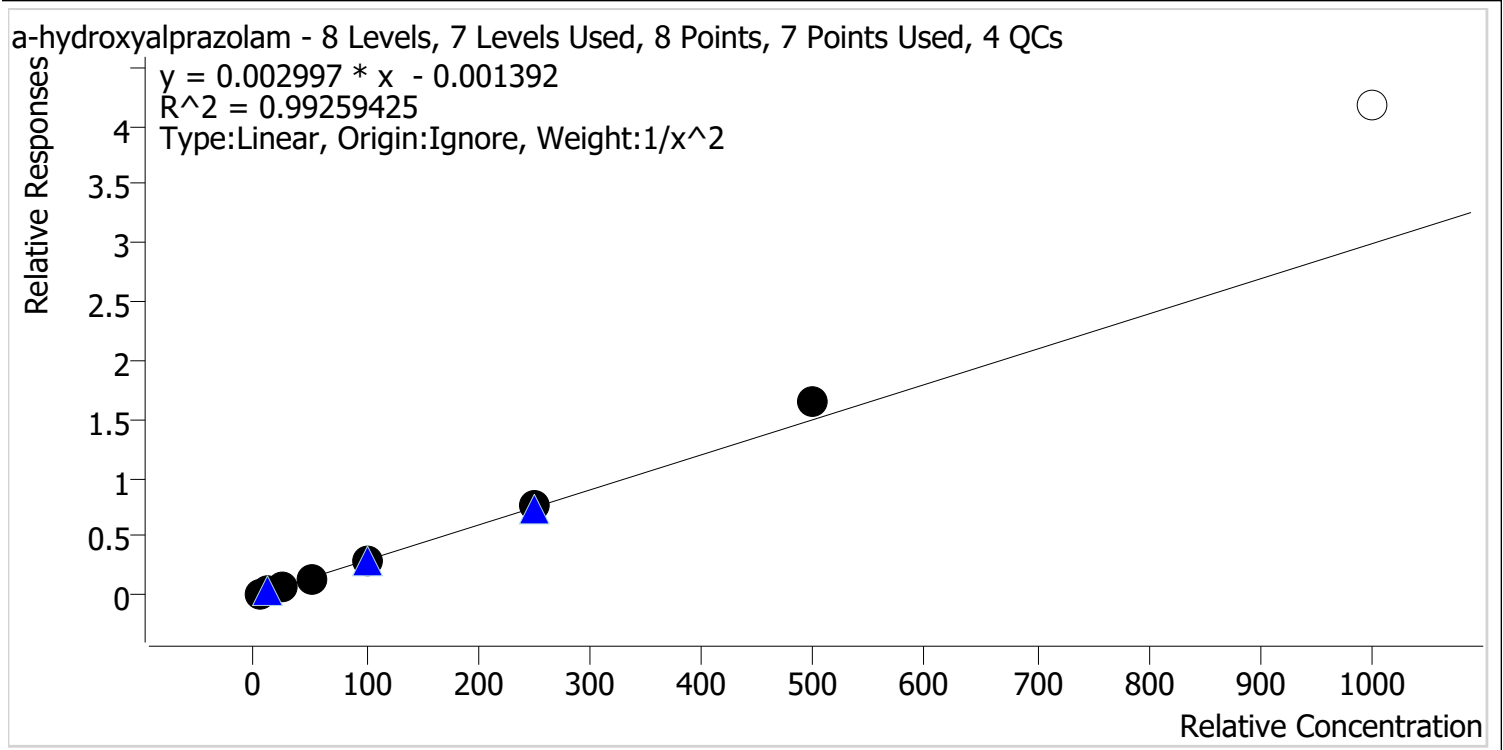
7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.9
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	27.8	111.4
cal 4 mdq	4	✓	50.0	55.3	110.6
cal 5 mdq	5	✓	100.0	109.2	109.2
cal 6 mdq	6	✓	250.0	273.7	109.5
cal 7 mdq	7	✓	500.0	509.8	102.0
cal 8 mdq	8	✓	1000.0	802.1	80.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Oxazepam-D5

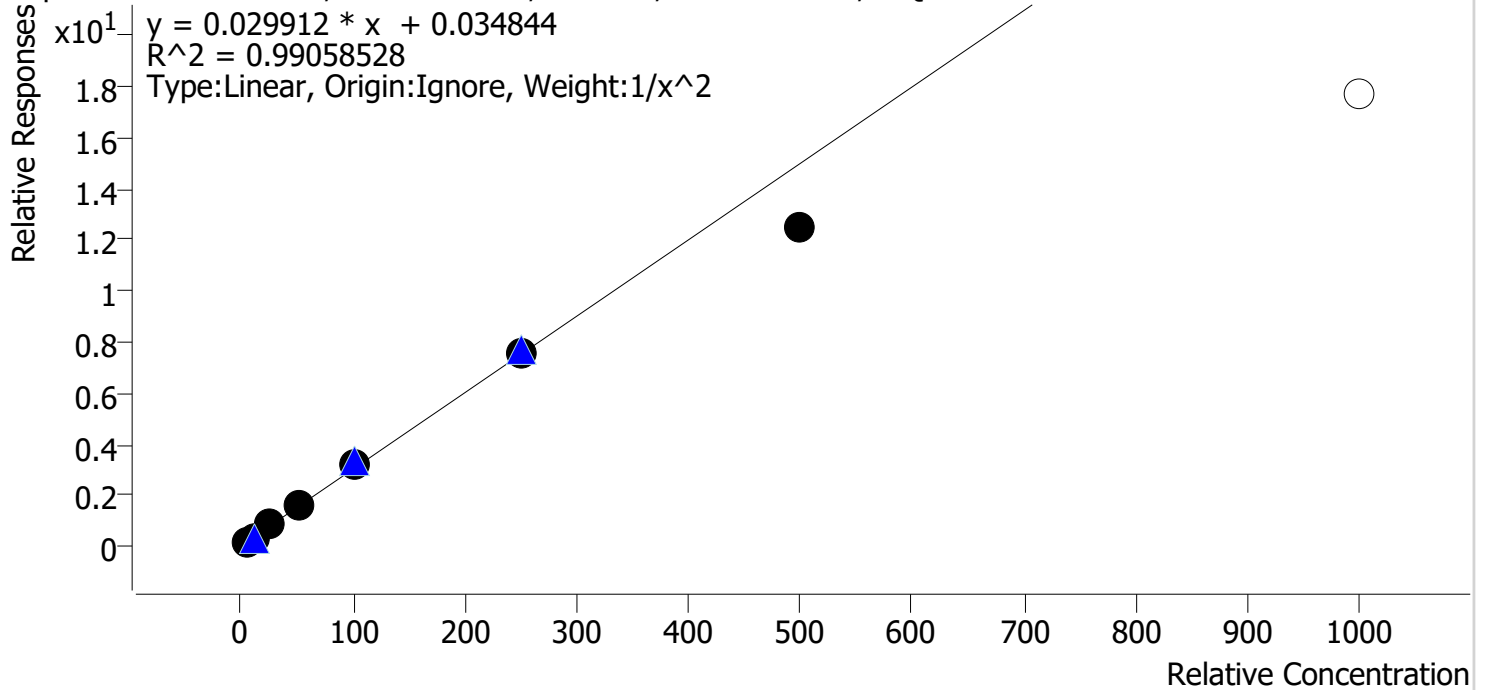


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.9
cal 2 mdq	2	✓	10.0	9.5	94.6
cal 3 mdq	3	✓	25.0	22.8	91.1
cal 4 mdq	4	✓	50.0	46.5	92.9
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	258.6	103.4
cal 7 mdq	7	✓	500.0	554.6	110.9
cal 8 mdq	8	x	1000.0	1392.3	139.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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

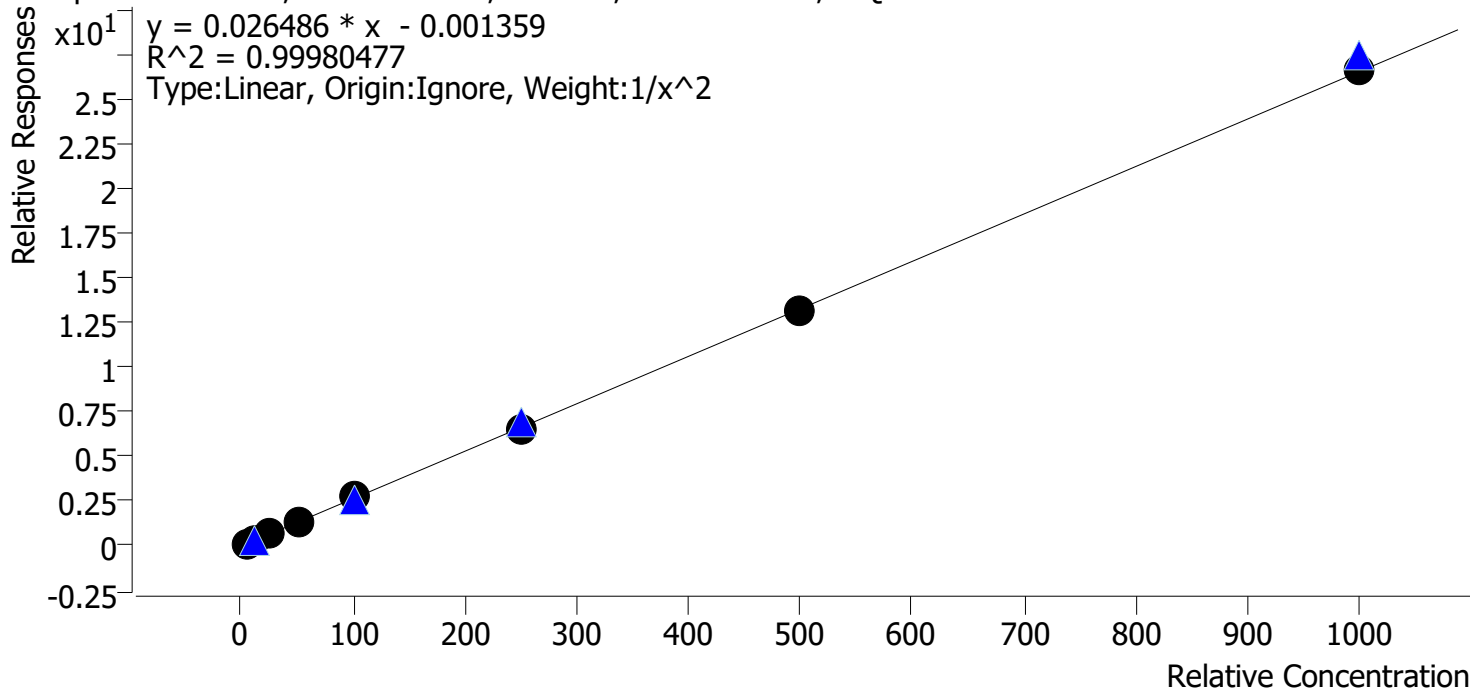


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	26.4	105.8
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	106.2	106.2
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	414.3	82.9
cal 8 mdq	8	✗	1000.0	591.6	59.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



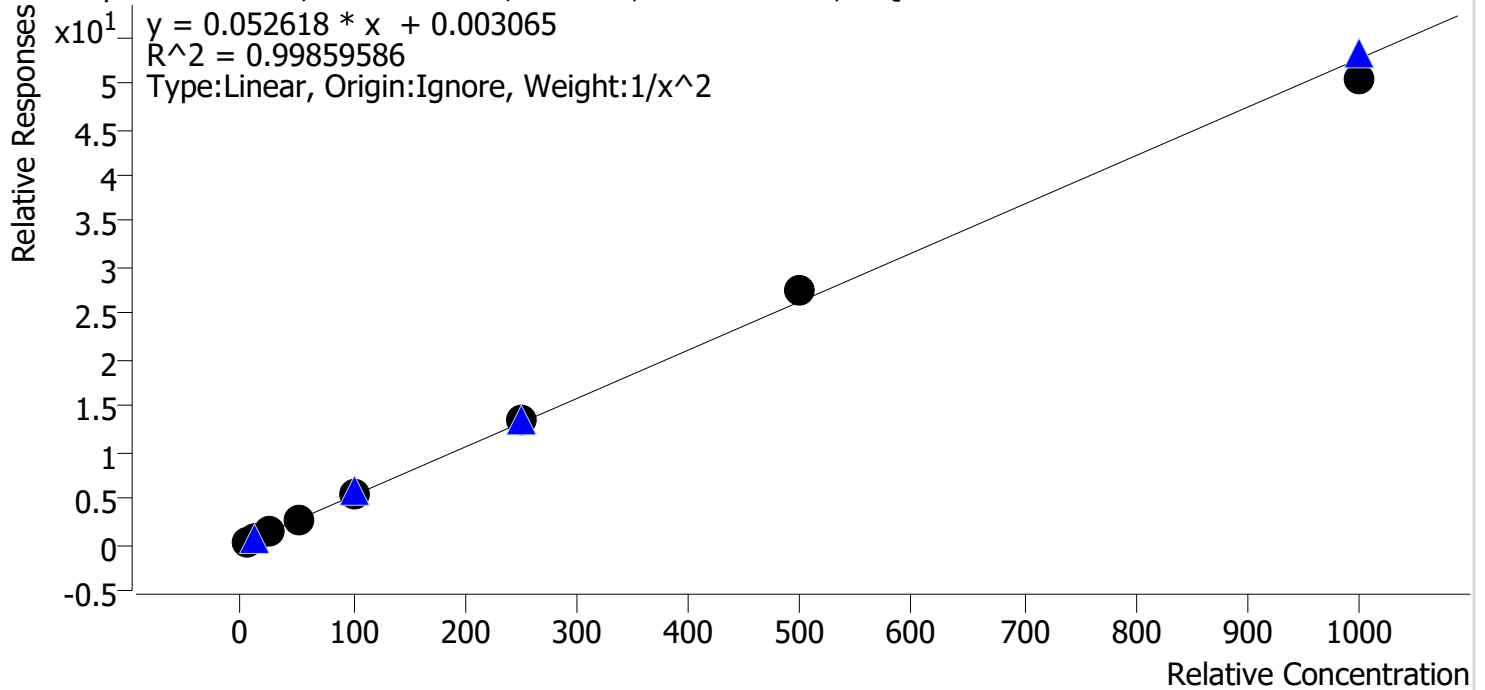
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	246.1	98.4
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	1001.4	100.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard Clonazepam-D4

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

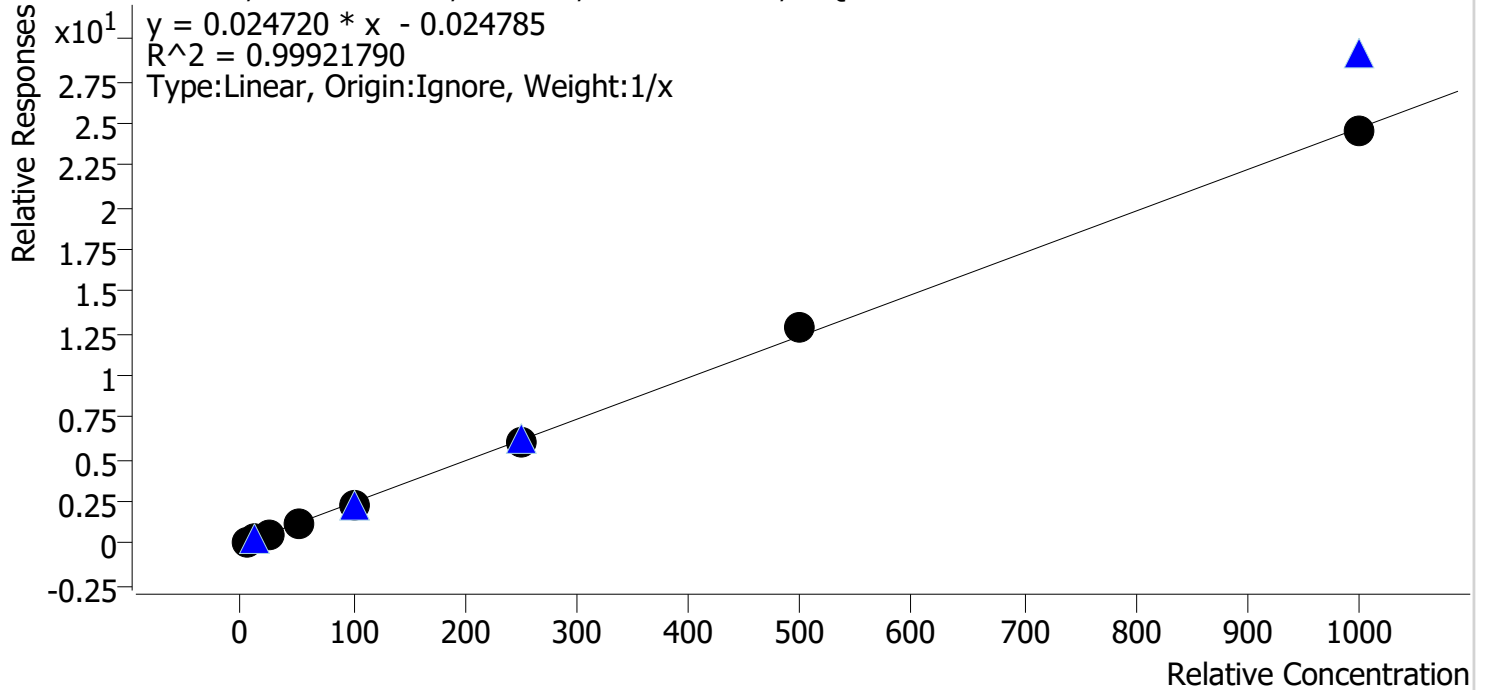


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdq	2	✓	10.0	9.5	95.3
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	521.4	104.3
cal 8 mdq	8	✓	1000.0	955.9	95.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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

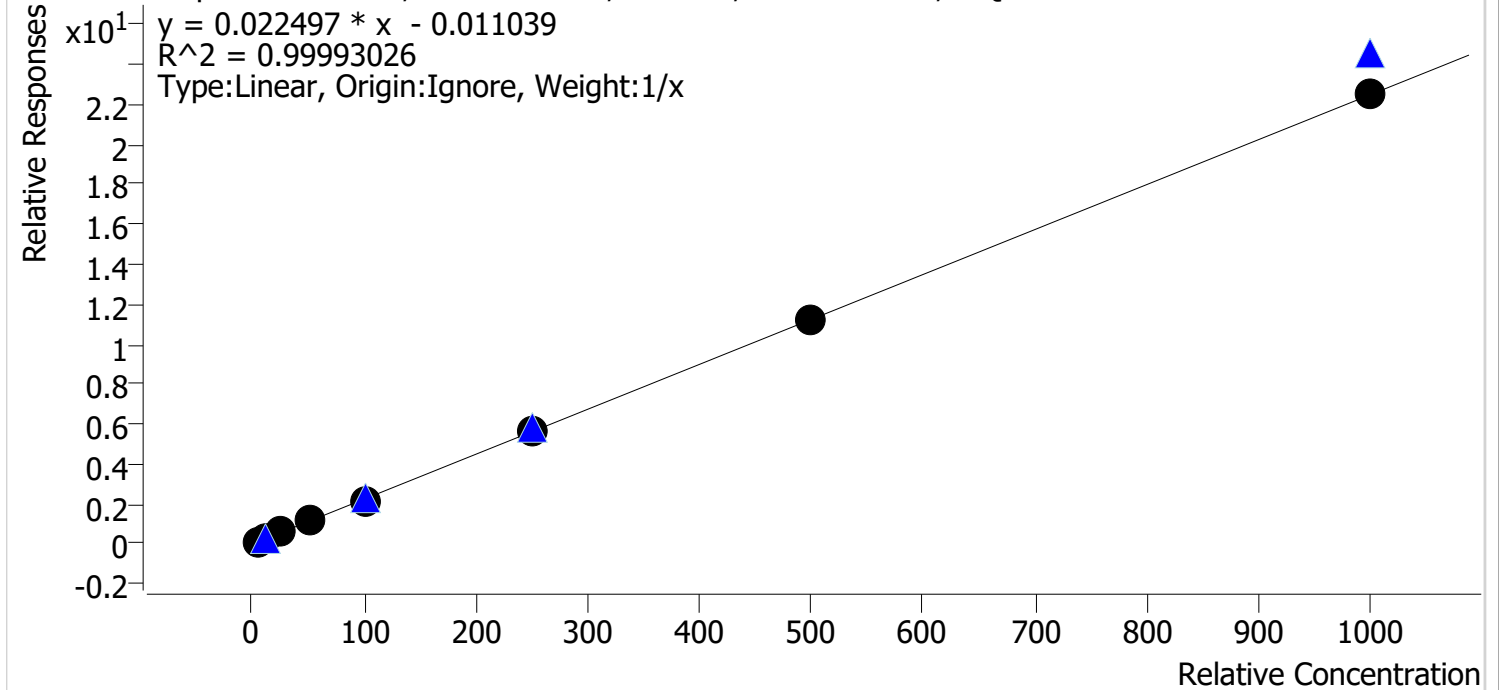


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.7	114.4
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	23.3	93.3
cal 4 mdq	4	✓	50.0	47.2	94.4
cal 5 mdq	5	✓	100.0	94.4	94.4
cal 6 mdq	6	✓	250.0	245.6	98.2
cal 7 mdq	7	✓	500.0	517.4	103.5
cal 8 mdq	8	✓	1000.0	996.2	99.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Dextromethorphan	Internal Standard	Dextromethorphan-D3

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

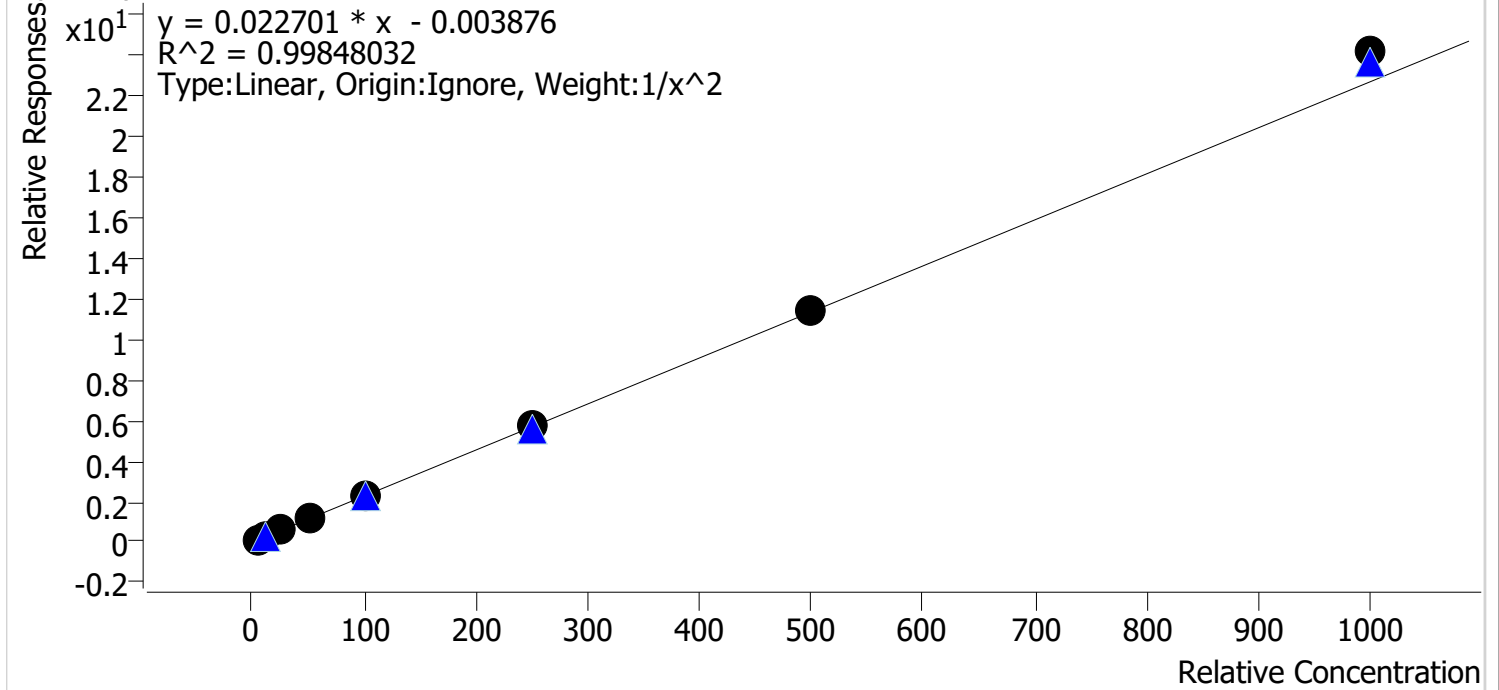


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.1
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	251.6	100.7
cal 7 mdq	7	✓	500.0	496.1	99.2
cal 8 mdq	8	✓	1000.0	1004.4	100.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Diphenhydramine	Internal Standard	Diphenhydramine-D3

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

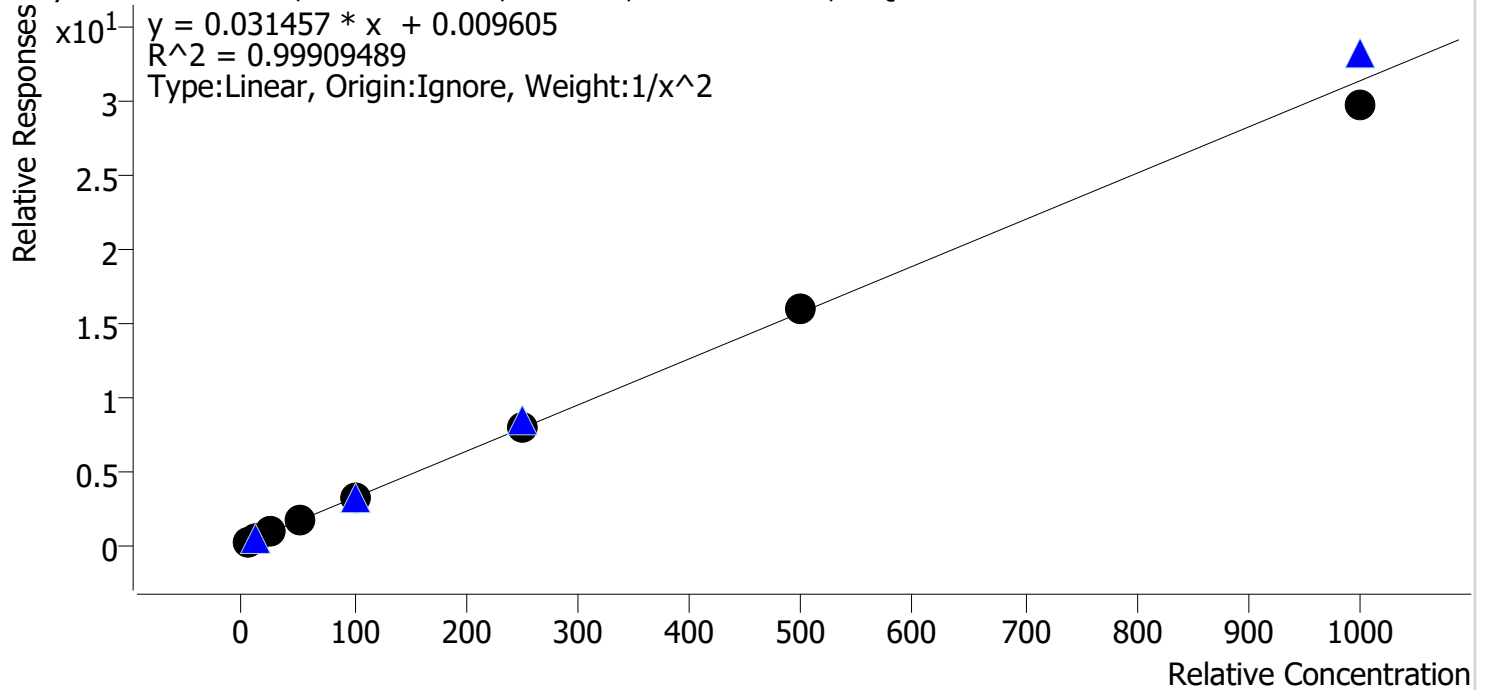


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.0	95.8
cal 4 mdq	4	✓	50.0	48.3	96.7
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	507.1	101.4
cal 8 mdq	8	✓	1000.0	1065.6	106.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

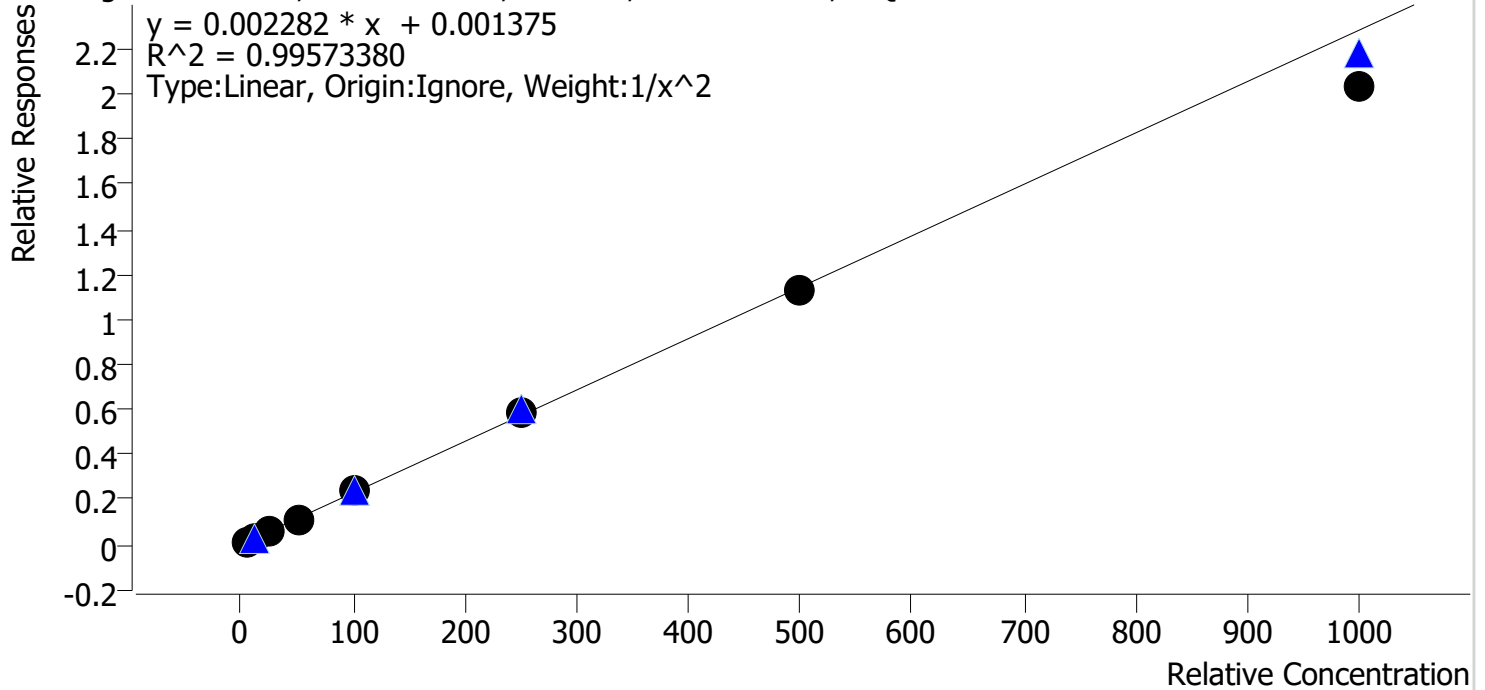


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	254.2	101.7
cal 7 mdq	7	✓	500.0	504.5	100.9
cal 8 mdq	8	✓	1000.0	951.5	95.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\lam 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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

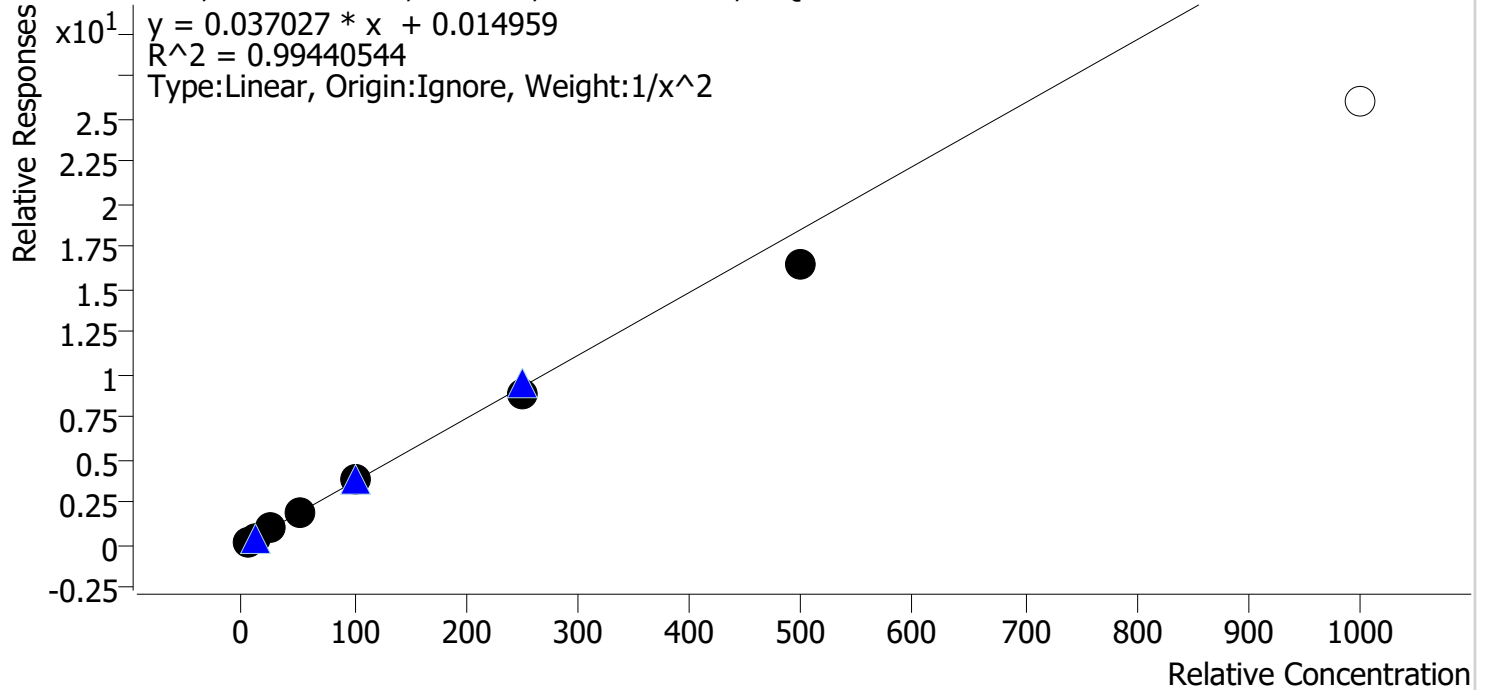


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.5	105.0
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	497.3	99.5
cal 8 mdq	8	✓	1000.0	892.9	89.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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

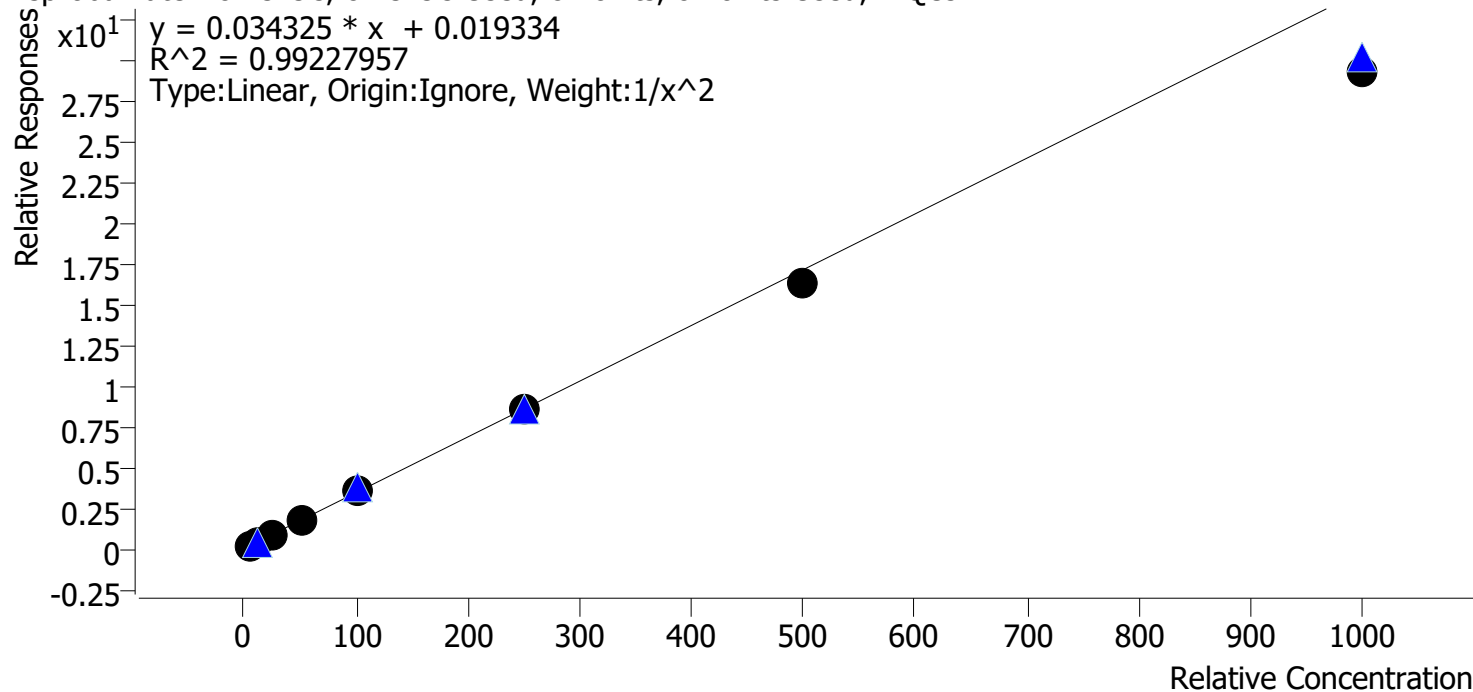


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	106.1	106.1
cal 6 mdq	6	✓	250.0	240.2	96.1
cal 7 mdq	7	✓	500.0	444.9	89.0
cal 8 mdq	8	✗	1000.0	700.4	70.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Meprobamate	Internal Standard	Meprobamate-D7

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

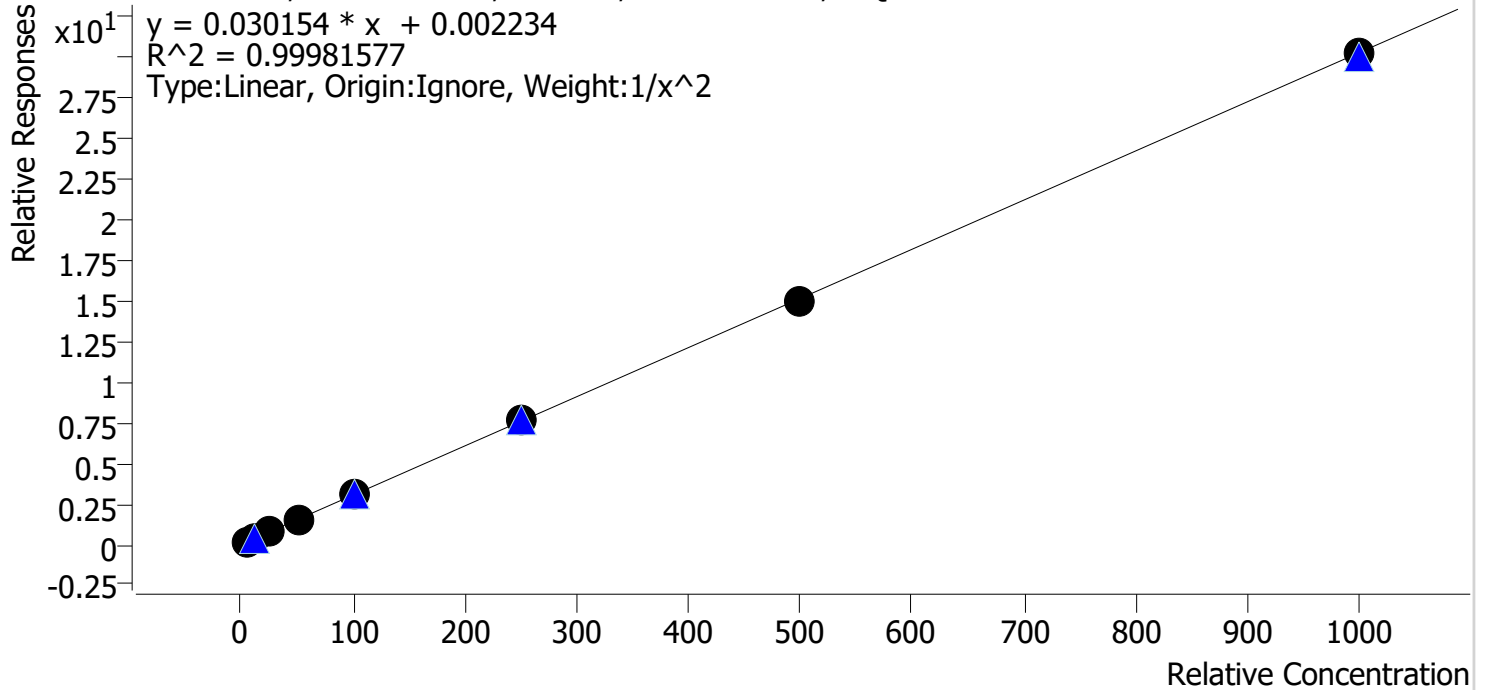


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.6
cal 2 mdq	2	✓	10.0	10.7	106.7
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	53.0	106.0
cal 5 mdq	5	✓	100.0	104.3	104.3
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	478.5	95.7
cal 8 mdq	8	✓	1000.0	853.1	85.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

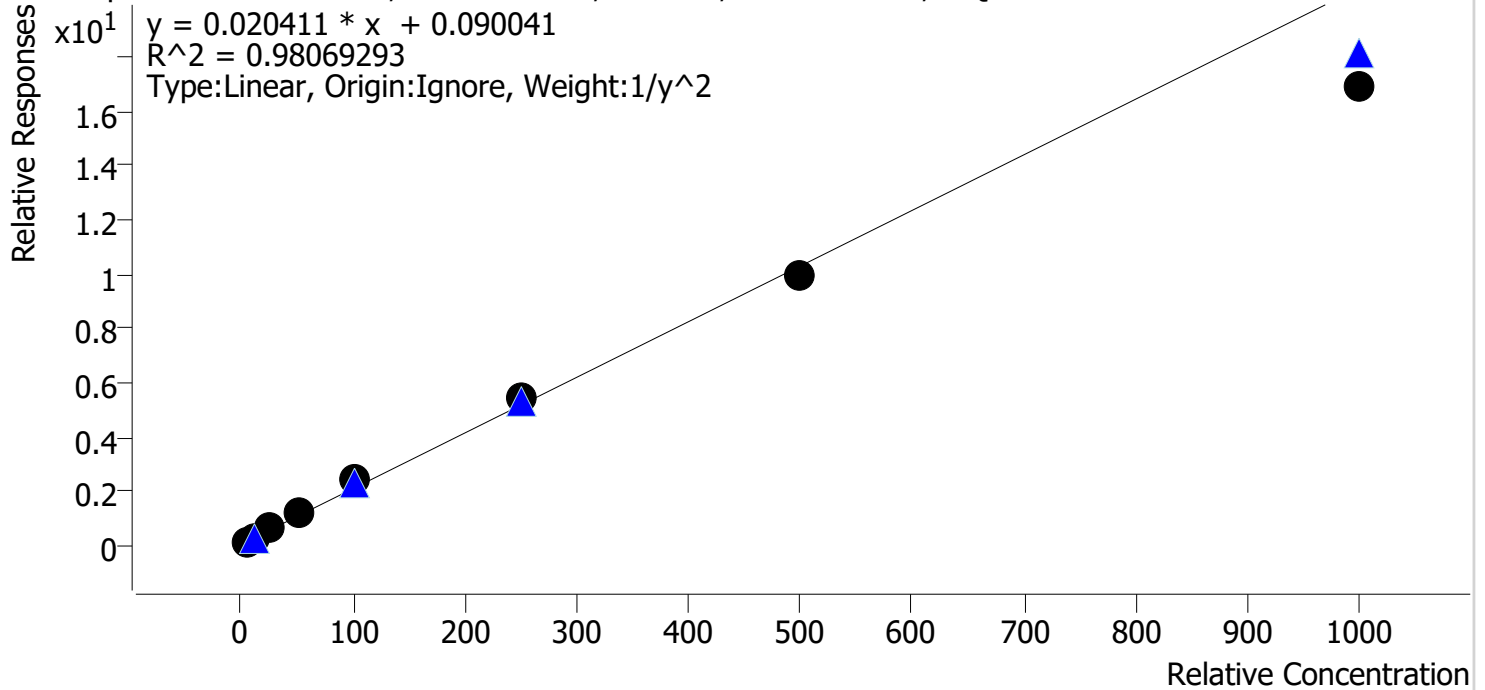


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	494.7	98.9
cal 8 mdq	8	✓	1000.0	998.1	99.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Methamphetamine	Internal Standard	Methamphetamine-D11

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

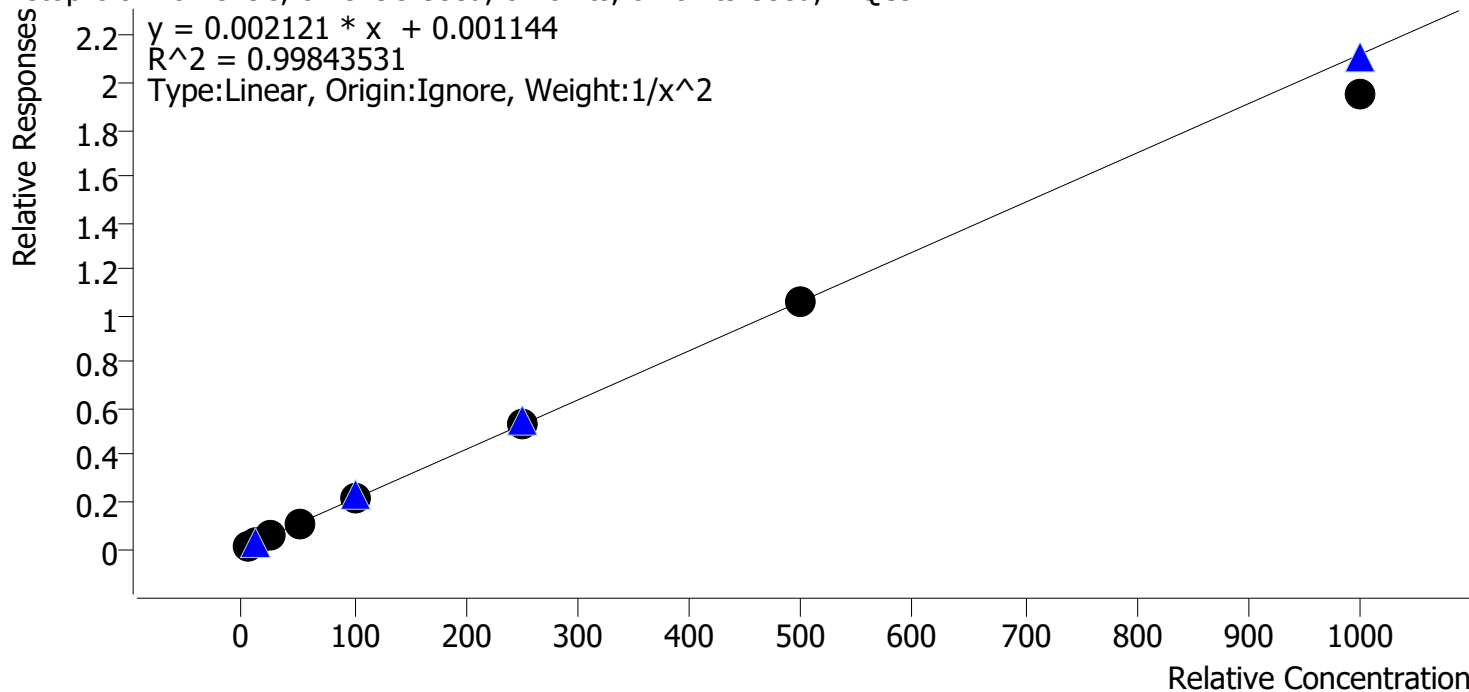


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.4	88.0
cal 2 mdq	2	✓	10.0	10.6	106.0
cal 3 mdq	3	✓	25.0	27.2	108.8
cal 4 mdq	4	✓	50.0	57.0	114.1
cal 5 mdq	5	✓	100.0	116.9	116.9
cal 6 mdq	6	✓	250.0	261.3	104.5
cal 7 mdq	7	✓	500.0	486.5	97.3
cal 8 mdq	8	✓	1000.0	820.9	82.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Pseudoephedrine-D3

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

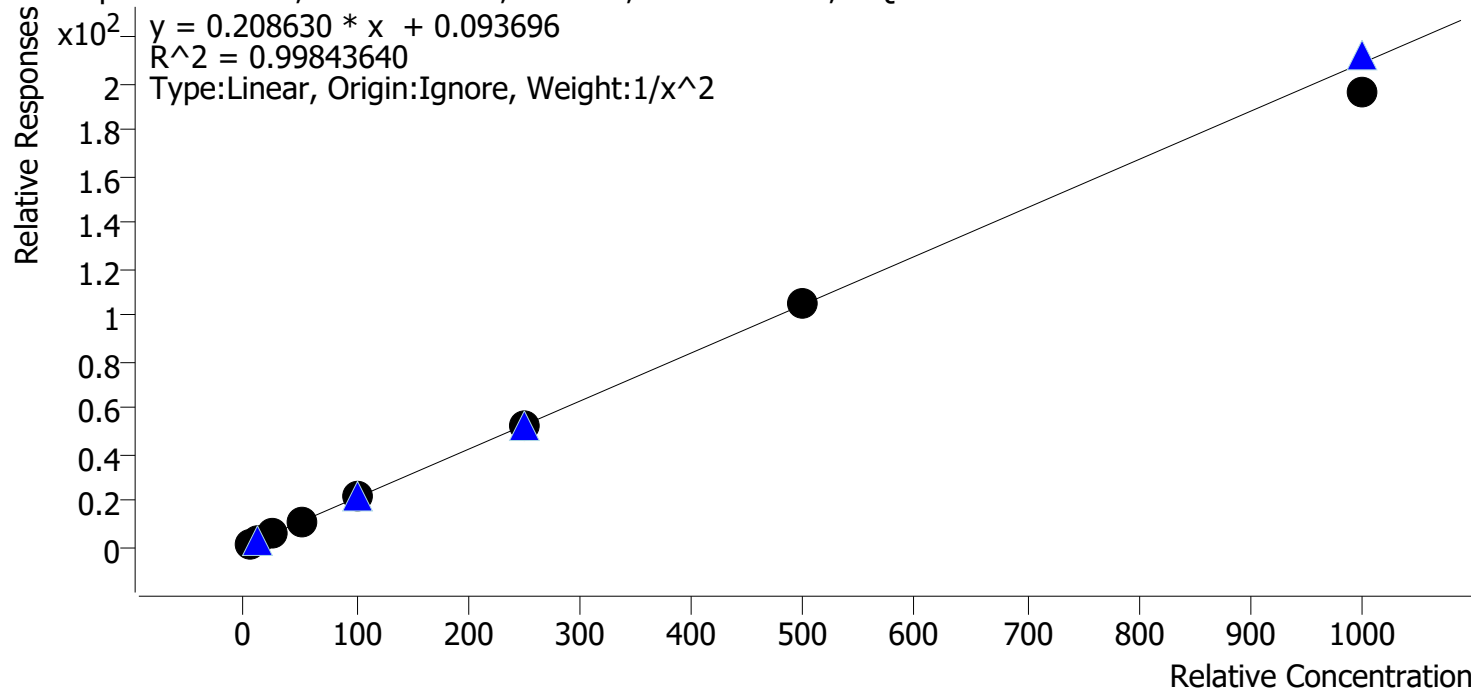


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	253.4	101.4
cal 7 mdq	7	✓	500.0	498.0	99.6
cal 8 mdq	8	✓	1000.0	922.7	92.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** MDMA-D6

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

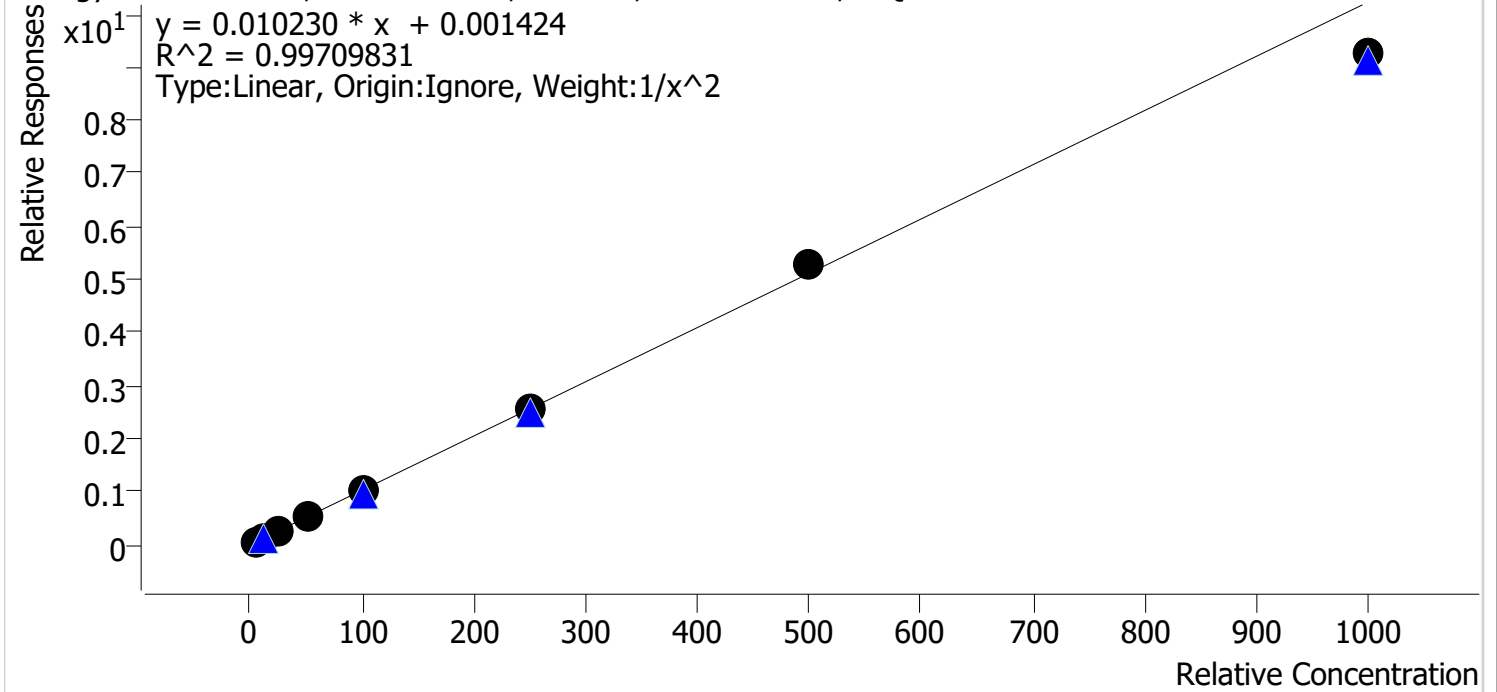


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdq	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	52.0	103.9
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	942.0	94.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** MDA-D5

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

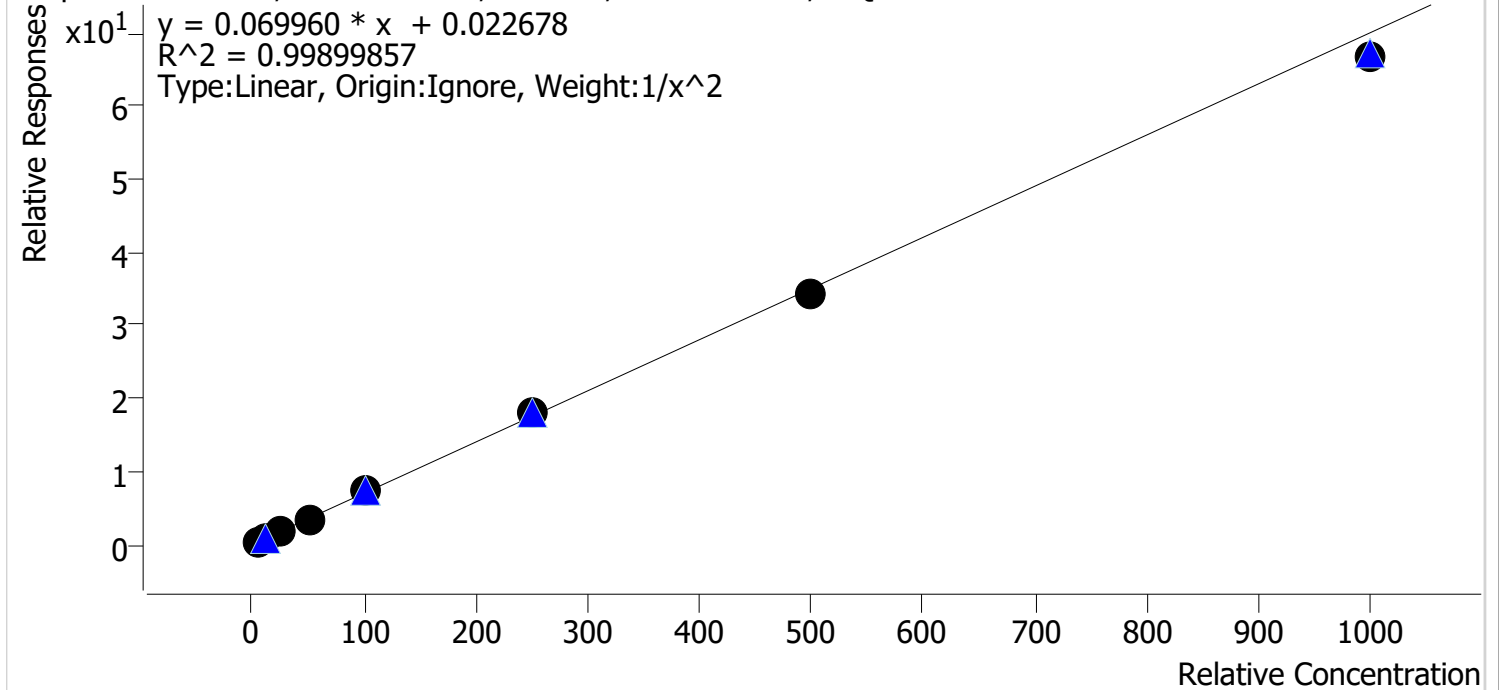


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	26.5	106.0
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	252.1	100.8
cal 7 mdq	7	✓	500.0	516.8	103.4
cal 8 mdq	8	✓	1000.0	905.0	90.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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

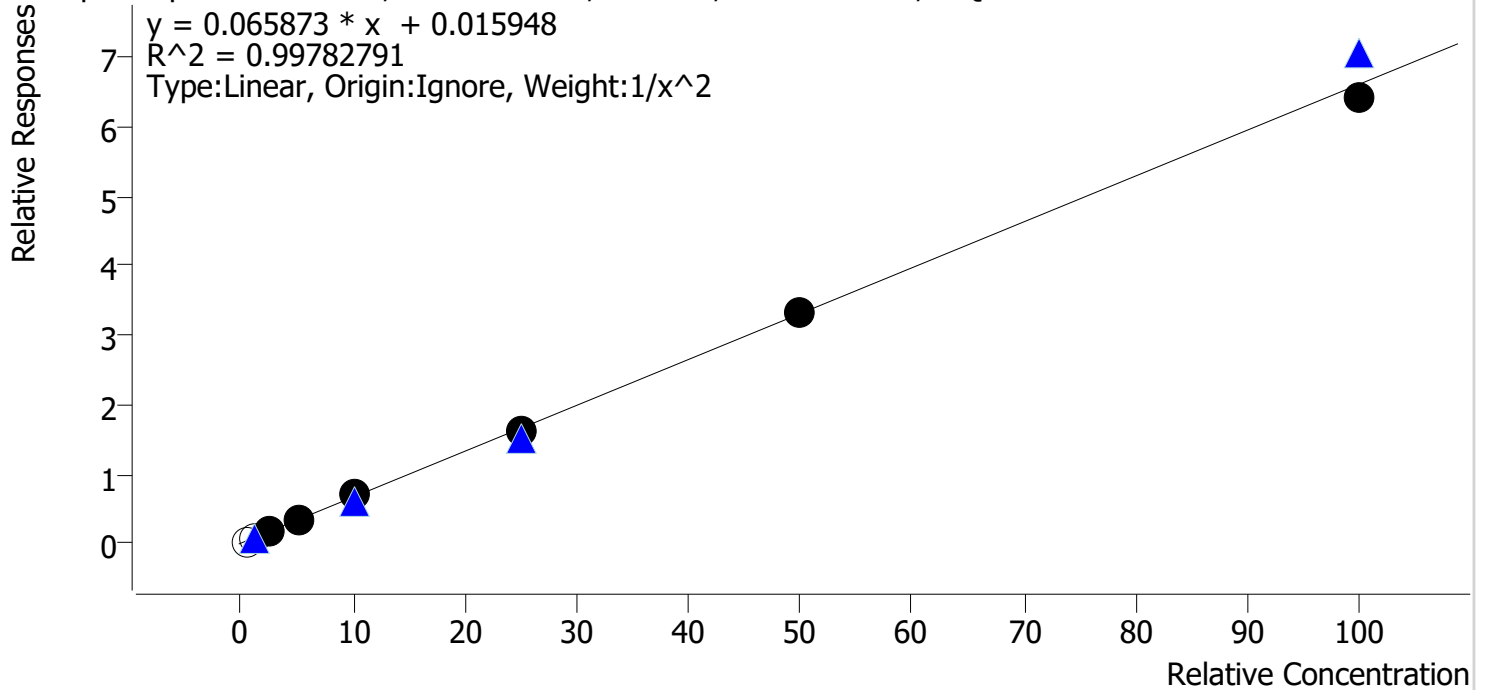


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	50.8	101.7
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	255.3	102.1
cal 7 mdq	7	✓	500.0	485.9	97.2
cal 8 mdq	8	✓	1000.0	952.4	95.2

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Norbuprenorphine	Internal Standard	Norbuprenorphine-D3

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

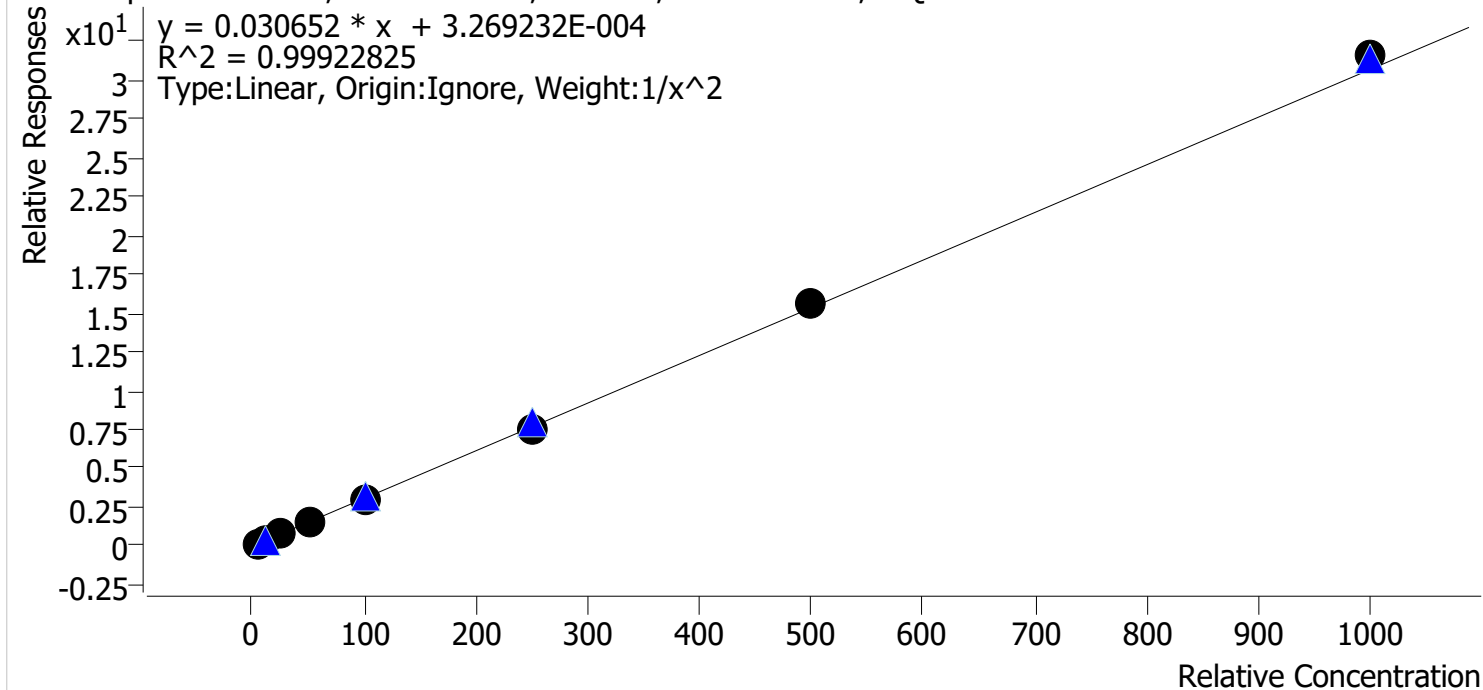


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.3	53.3
cal 2 mdq	2	x	1.0	1.0	99.4
cal 3 mdq	3	✓	2.5	2.4	97.1
cal 4 mdq	4	✓	5.0	5.2	103.9
cal 5 mdq	5	✓	10.0	10.5	105.2
cal 6 mdq	6	✓	25.0	24.2	97.0
cal 7 mdq	7	✓	50.0	50.0	99.9
cal 8 mdq	8	✓	100.0	96.8	96.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



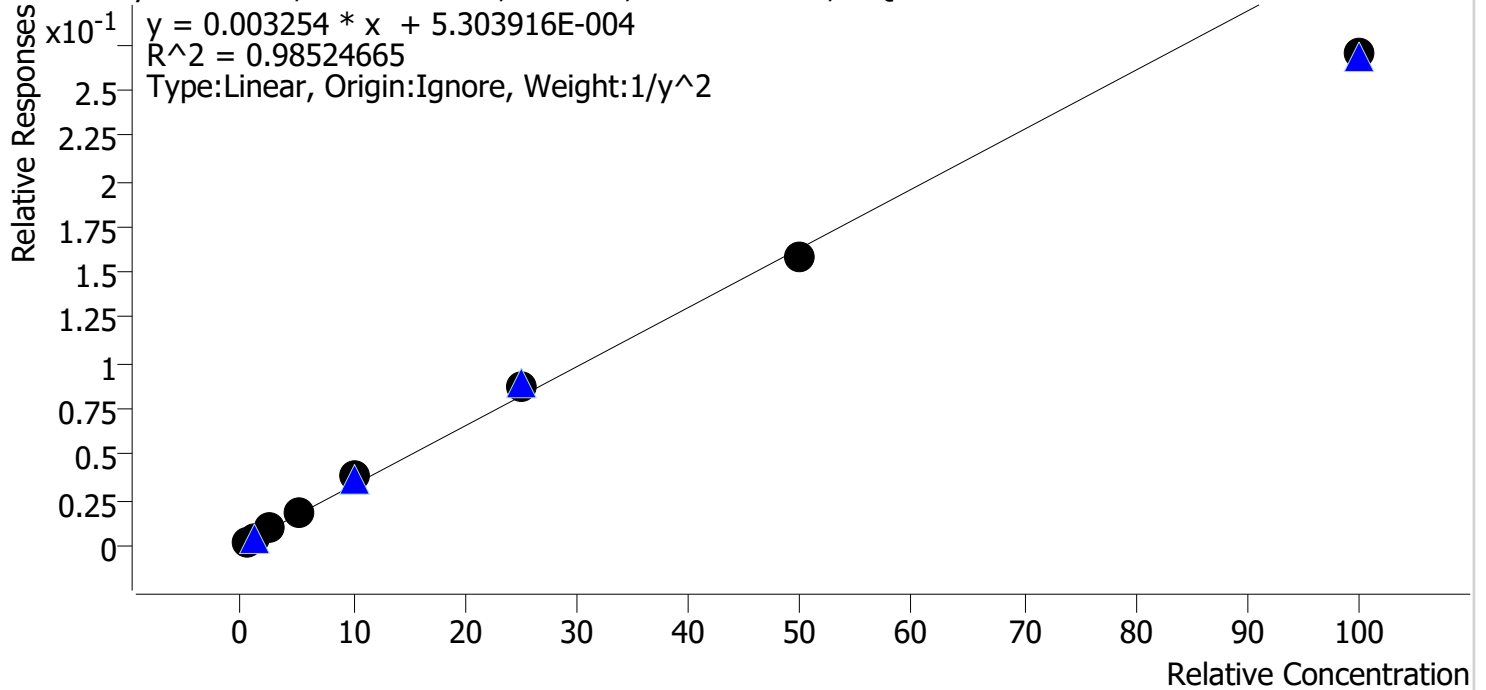
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	245.4	98.2
cal 7 mdq	7	✓	500.0	507.4	101.5
cal 8 mdq	8	✓	1000.0	1029.2	102.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Norfentanyl

Internal Standard Norfentanyl-D5

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

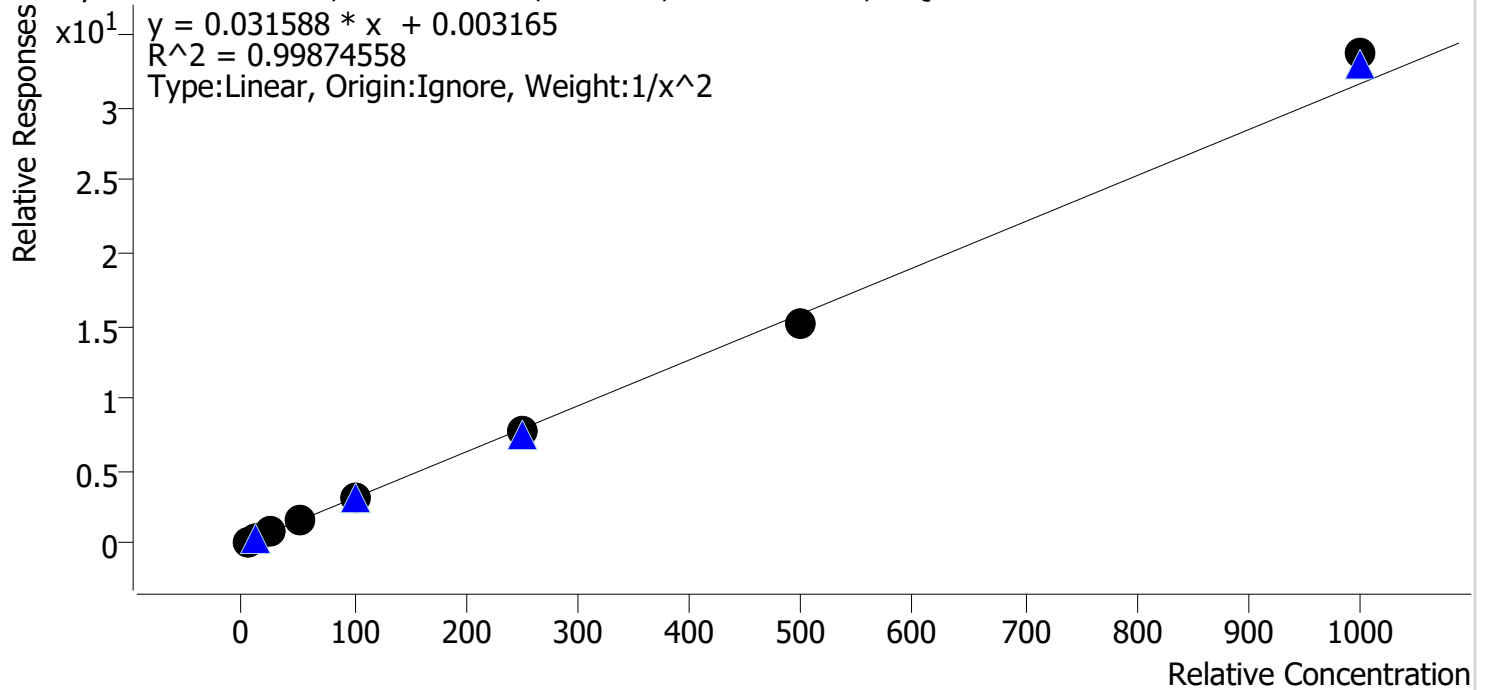


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	94.9
cal 2 mdq	2	✓	1.0	1.0	101.8
cal 3 mdq	3	✓	2.5	2.7	108.5
cal 4 mdq	4	✓	5.0	5.4	108.3
cal 5 mdq	5	✓	10.0	11.4	114.1
cal 6 mdq	6	✓	25.0	26.8	107.1
cal 7 mdq	7	✓	50.0	48.6	97.2
cal 8 mdq	8	✓	100.0	82.8	82.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

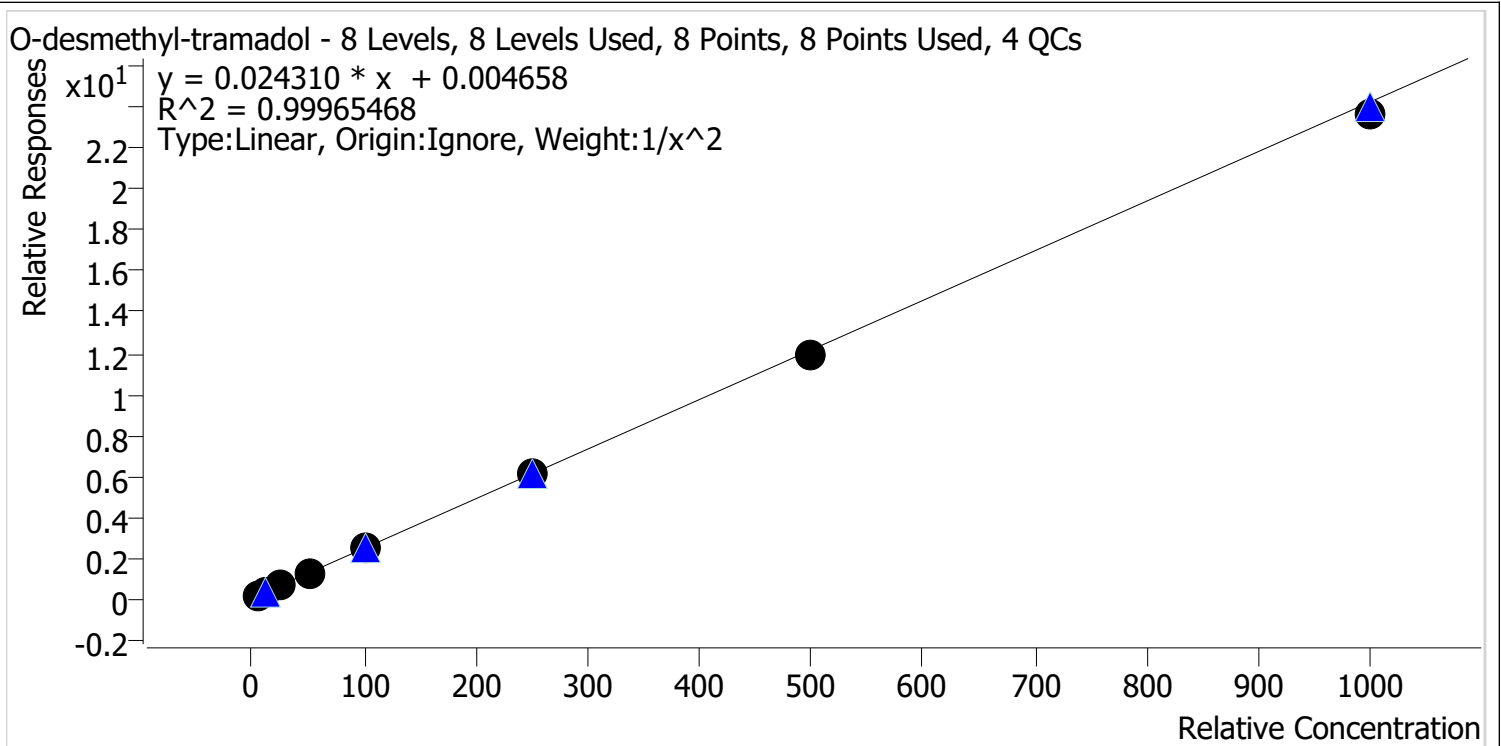
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	478.5	95.7
cal 8 mdq	8	✓	1000.0	1065.4	106.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6

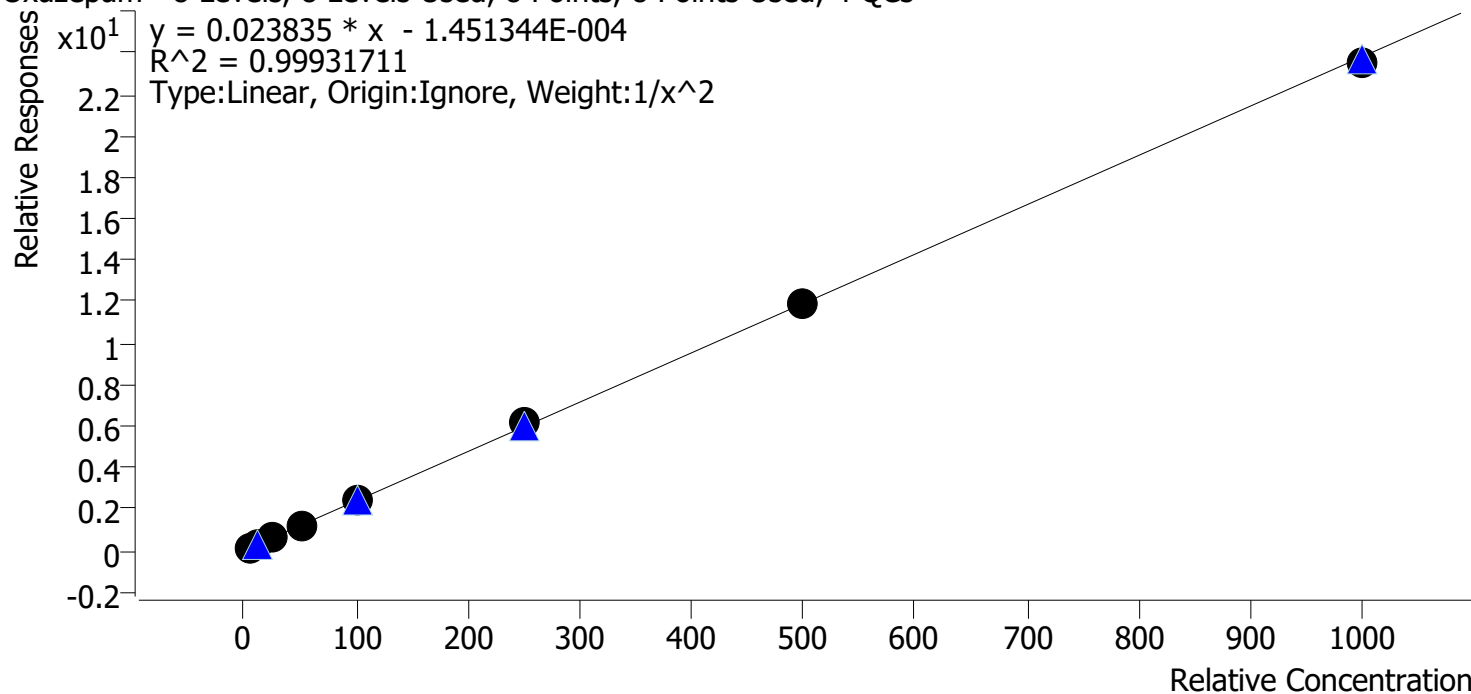


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	25.3	101.0
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	102.3	102.3
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	492.4	98.5
cal 8 mdq	8	✓	1000.0	974.3	97.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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

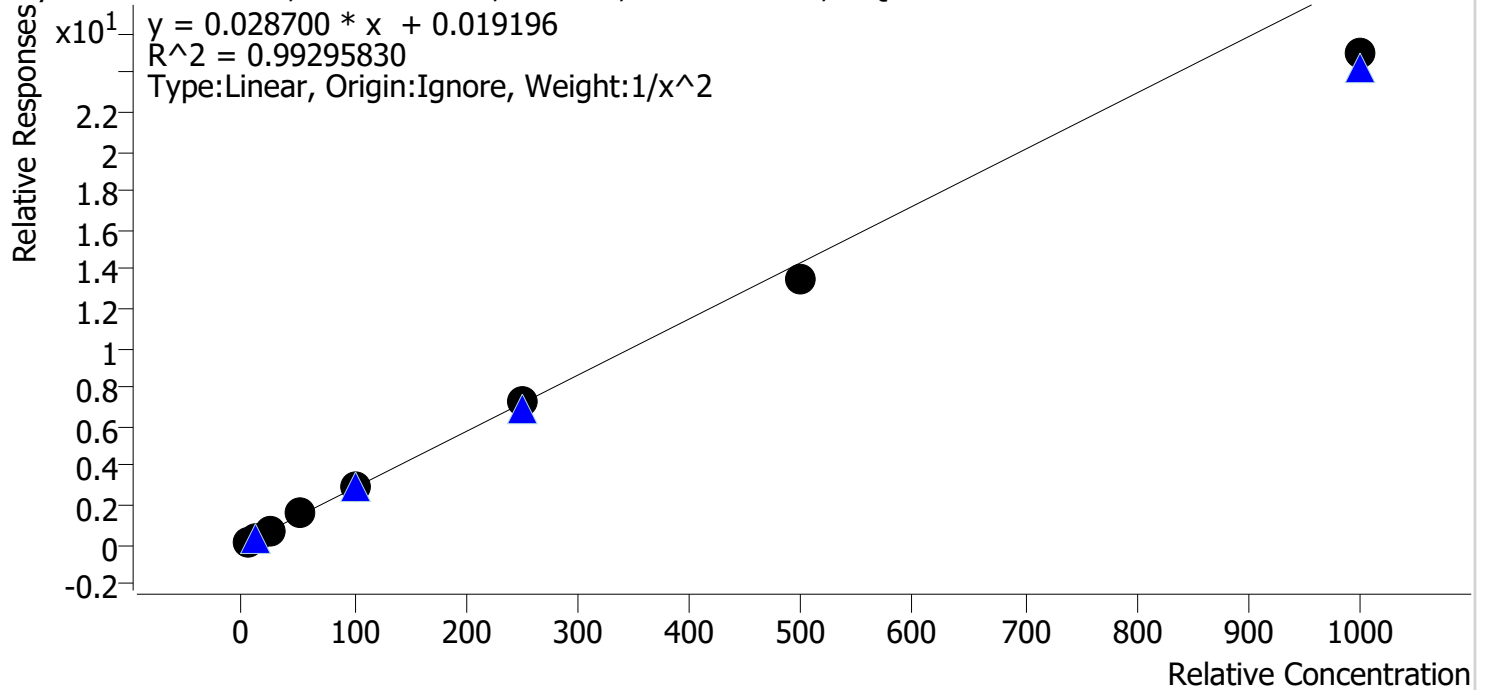


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	256.7	102.7
cal 7 mdq	7	✓	500.0	498.3	99.7
cal 8 mdq	8	✓	1000.0	991.5	99.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

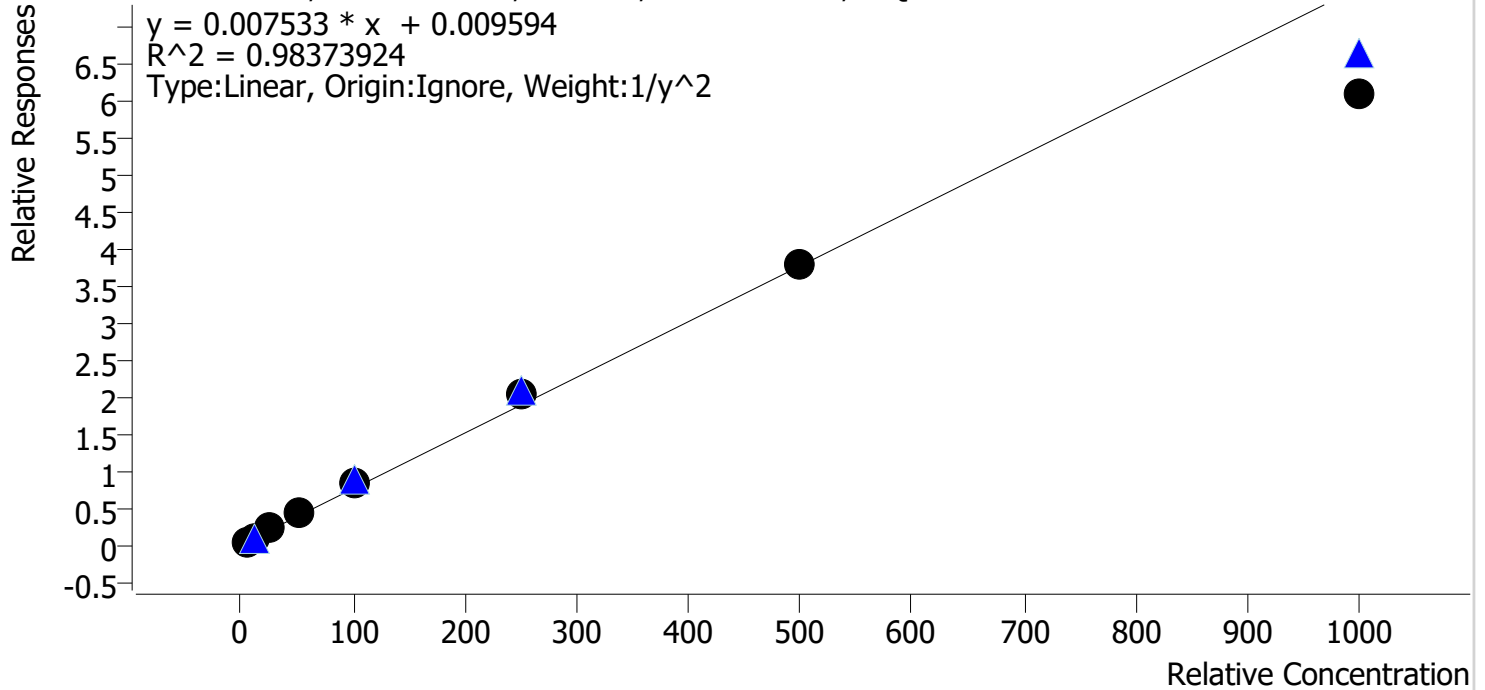


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.3
cal 2 mdq	2	✓	10.0	10.5	105.1
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	54.5	108.9
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	250.1	100.1
cal 7 mdq	7	✓	500.0	472.8	94.6
cal 8 mdq	8	✓	1000.0	870.1	87.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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

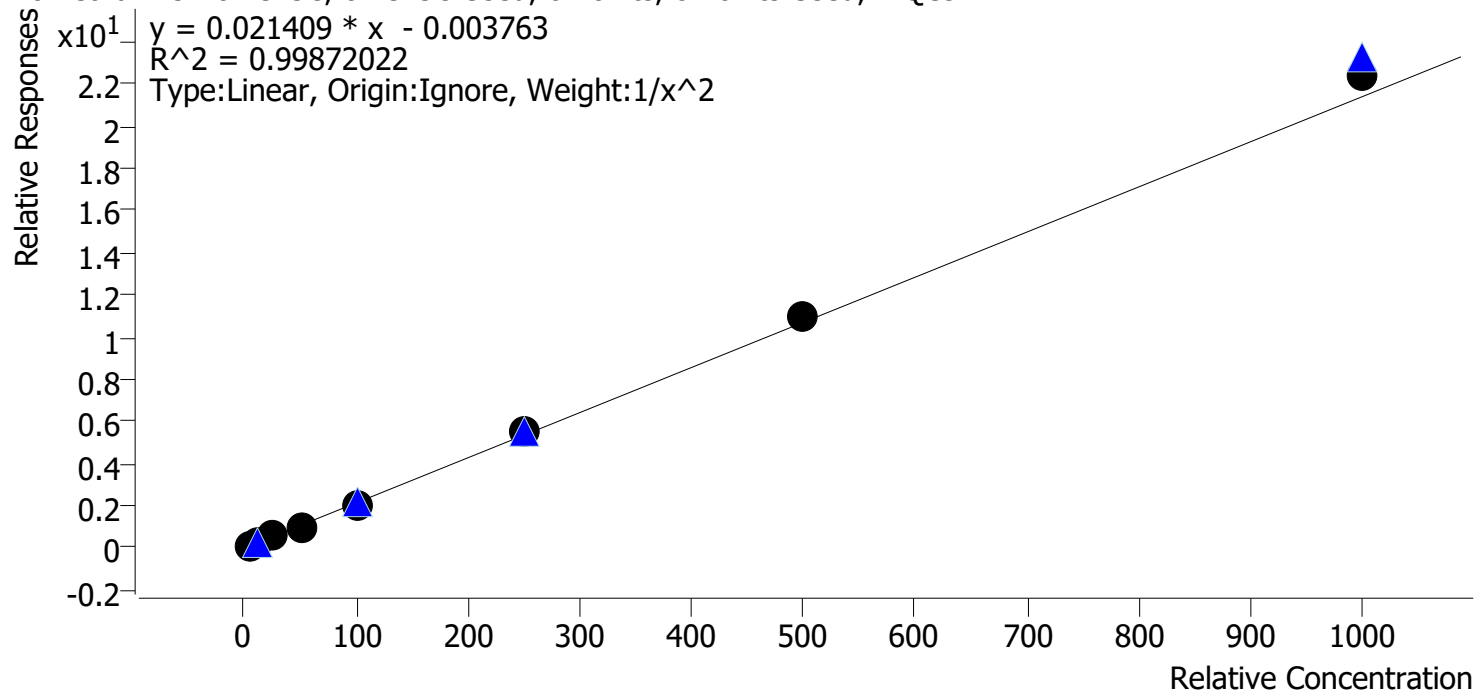


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	27.5	109.8
cal 4 mdq	4	✓	50.0	54.2	108.3
cal 5 mdq	5	✓	100.0	111.8	111.8
cal 6 mdq	6	✓	250.0	268.0	107.2
cal 7 mdq	7	✓	500.0	504.5	100.9
cal 8 mdq	8	✓	1000.0	811.2	81.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

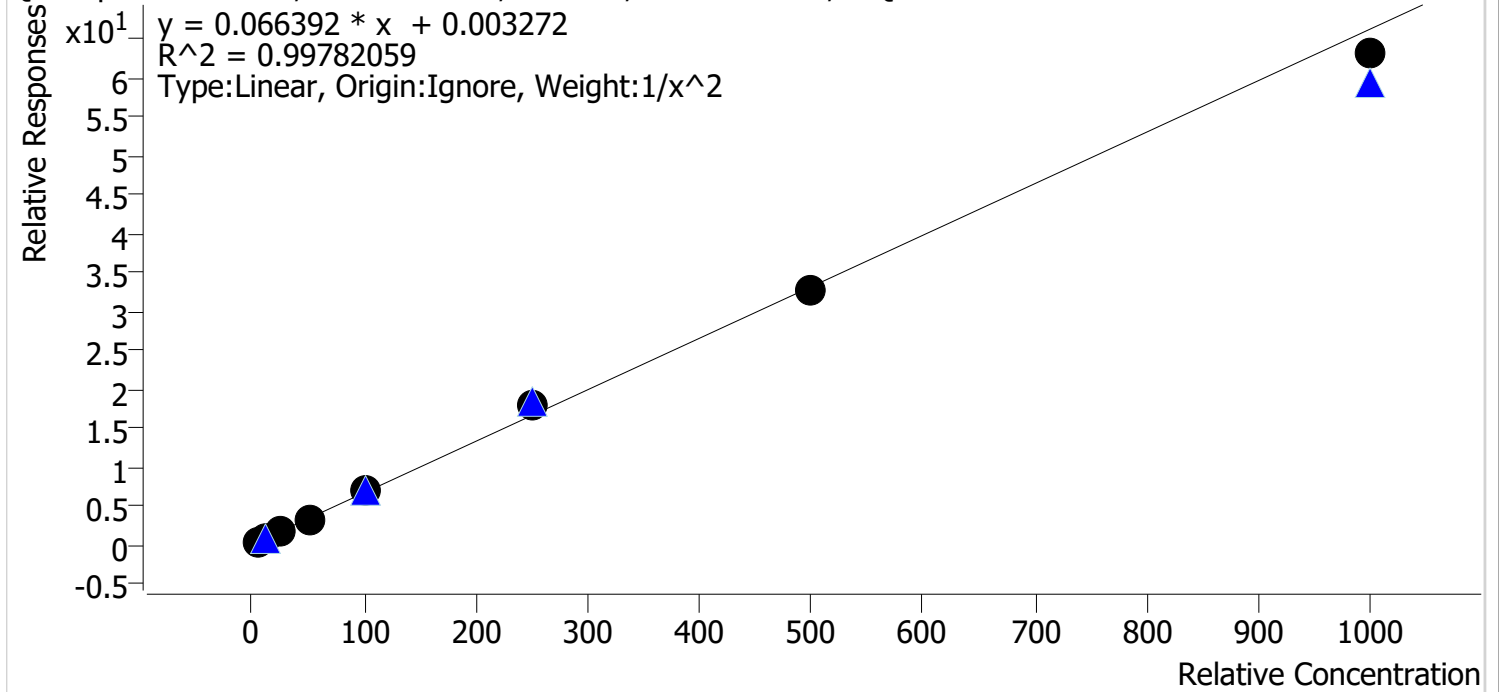


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	24.4	97.8
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	254.9	102.0
cal 7 mdq	7	✓	500.0	511.2	102.2
cal 8 mdq	8	✓	1000.0	1046.9	104.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

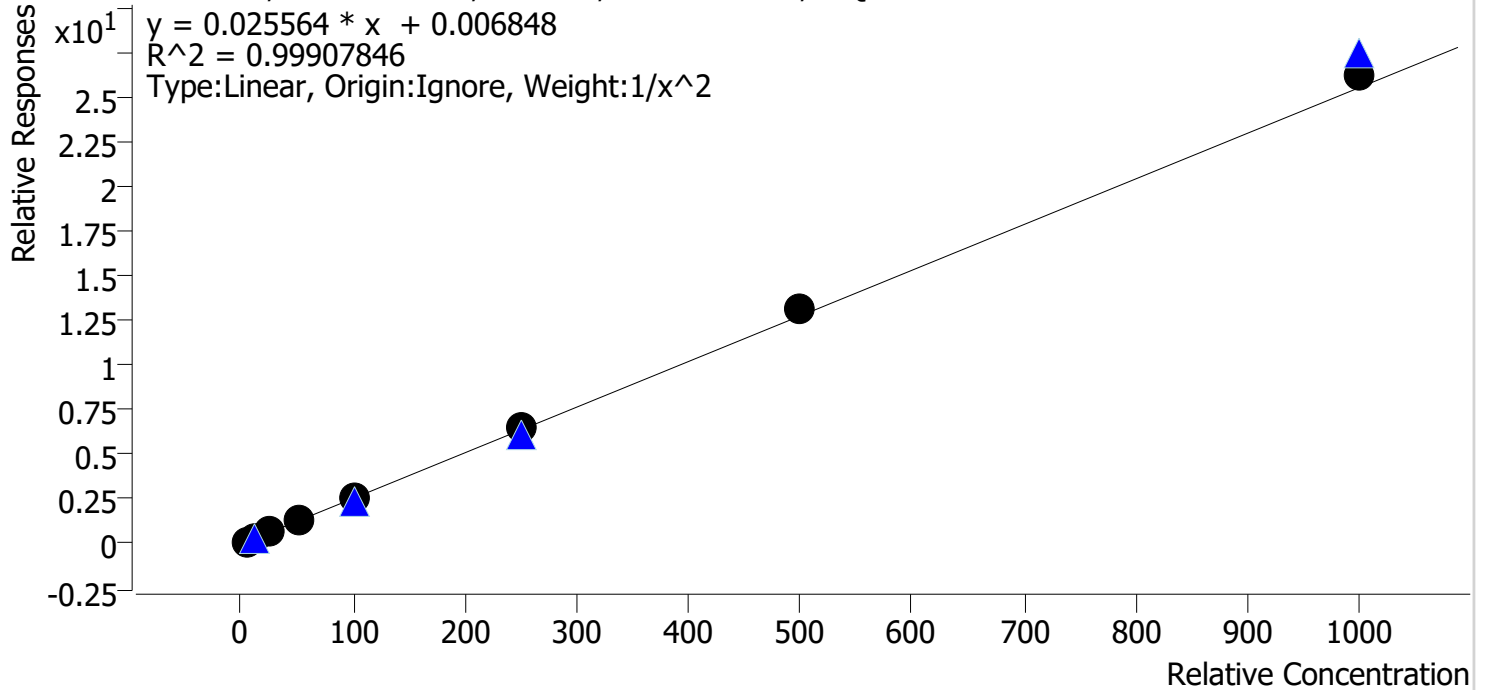


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	268.3	107.3
cal 7 mdq	7	✓	500.0	491.5	98.3
cal 8 mdq	8	✓	1000.0	952.5	95.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

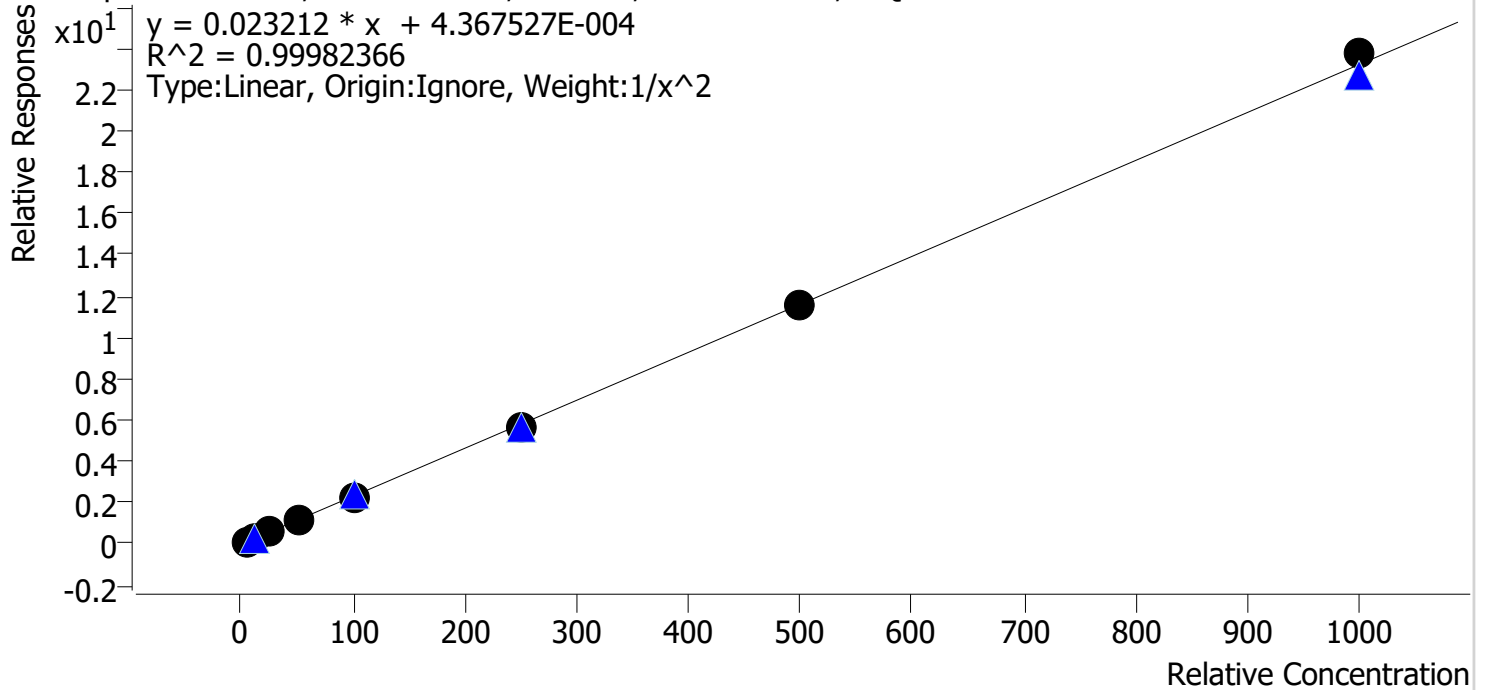


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	514.3	102.9
cal 8 mdq	8	✓	1000.0	1029.6	103.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

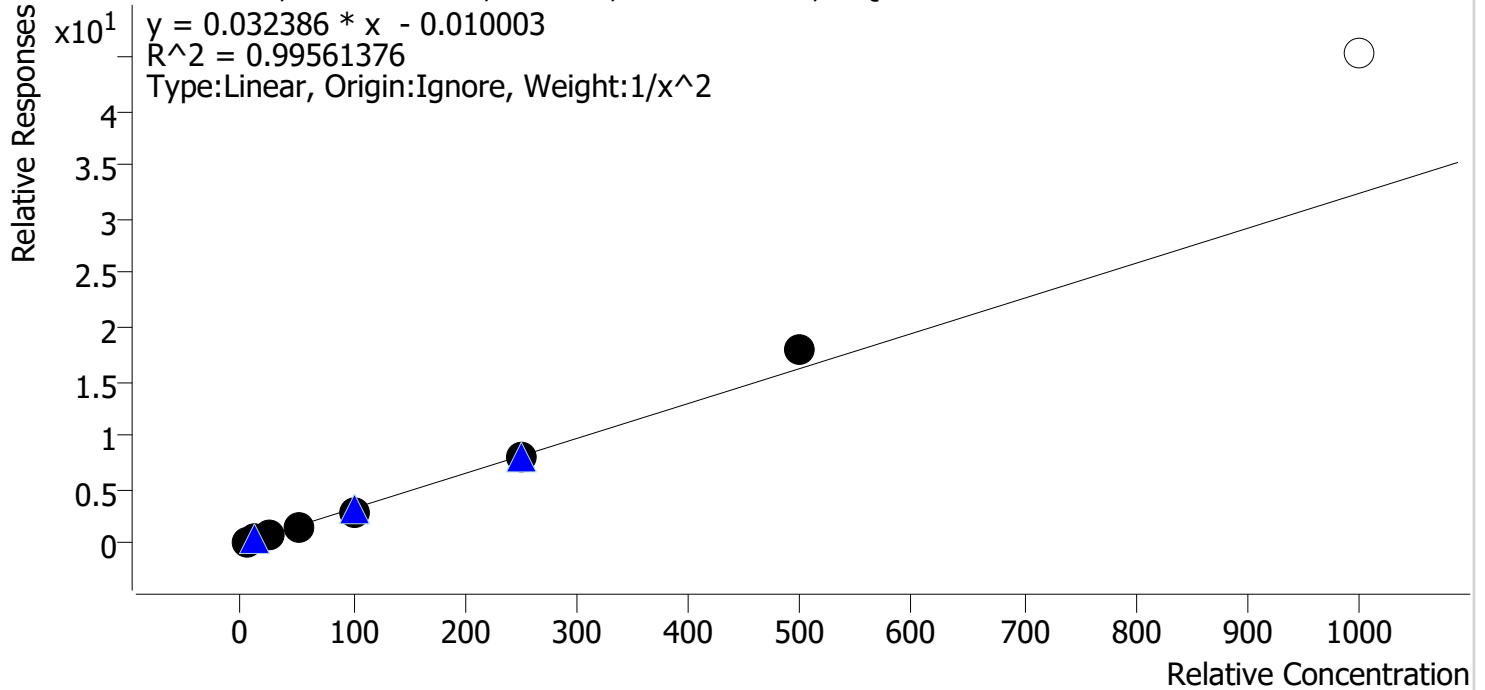


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	50.5	100.9
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	495.1	99.0
cal 8 mdq	8	✓	1000.0	1022.8	102.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

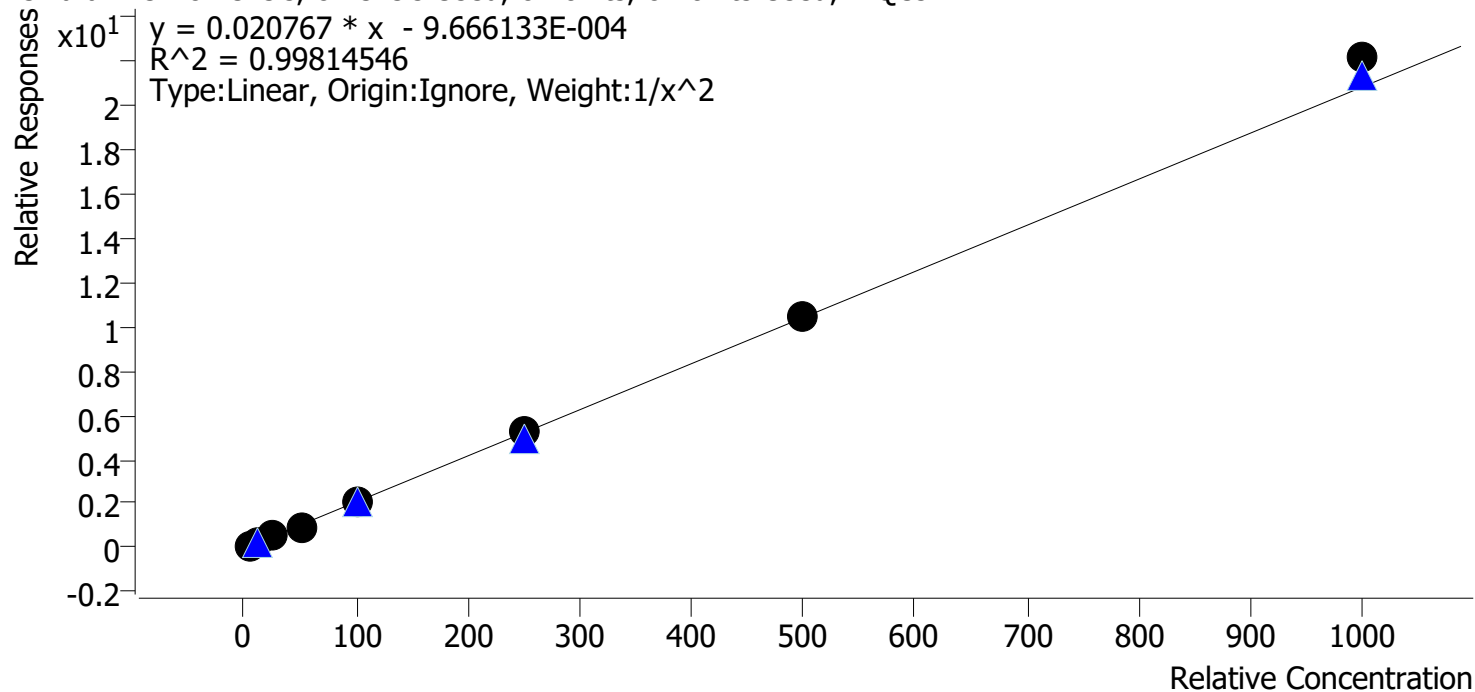


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	93.3	93.3
cal 6 mdq	6	✓	250.0	252.1	100.9
cal 7 mdq	7	✓	500.0	555.0	111.0
cal 8 mdq	8	✗	1000.0	1399.1	139.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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

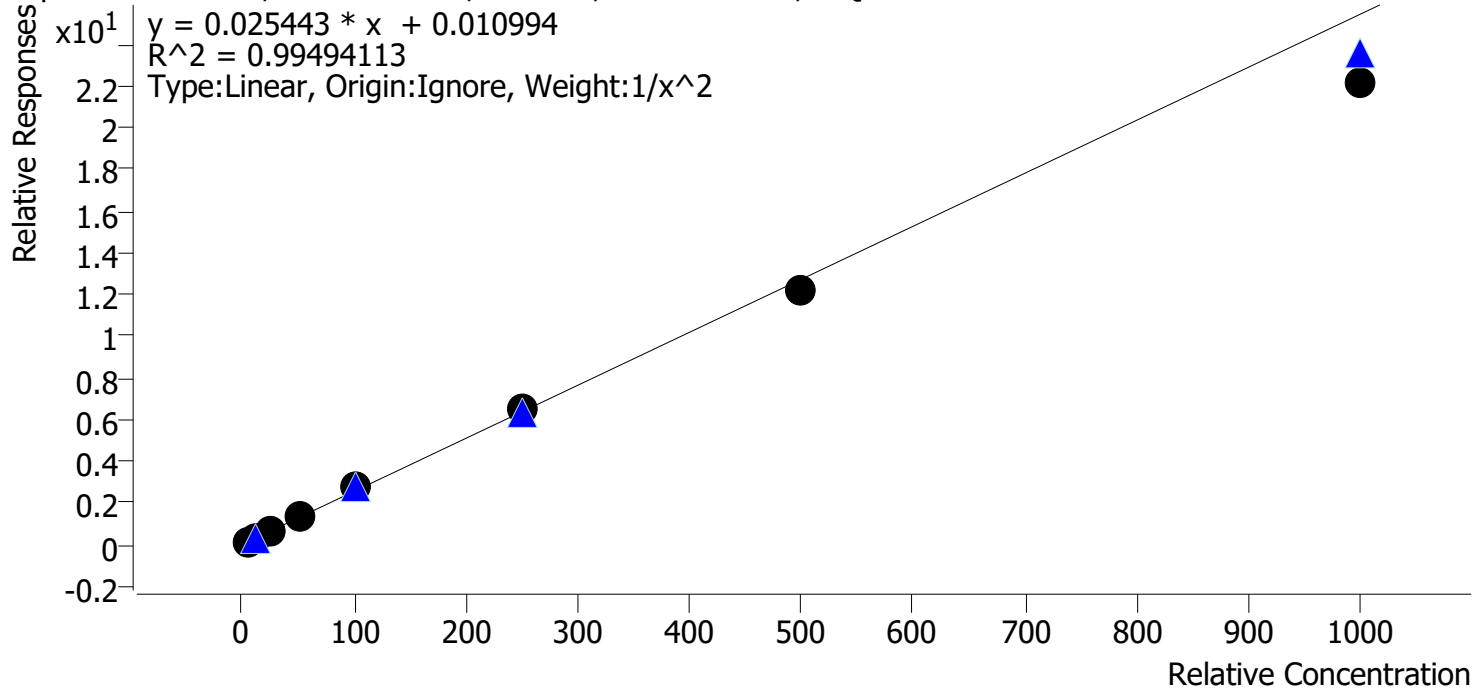


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	25.7	102.8
cal 4 mdq	4	✓	50.0	47.4	94.7
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	499.5	99.9
cal 8 mdq	8	✓	1000.0	1063.9	106.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

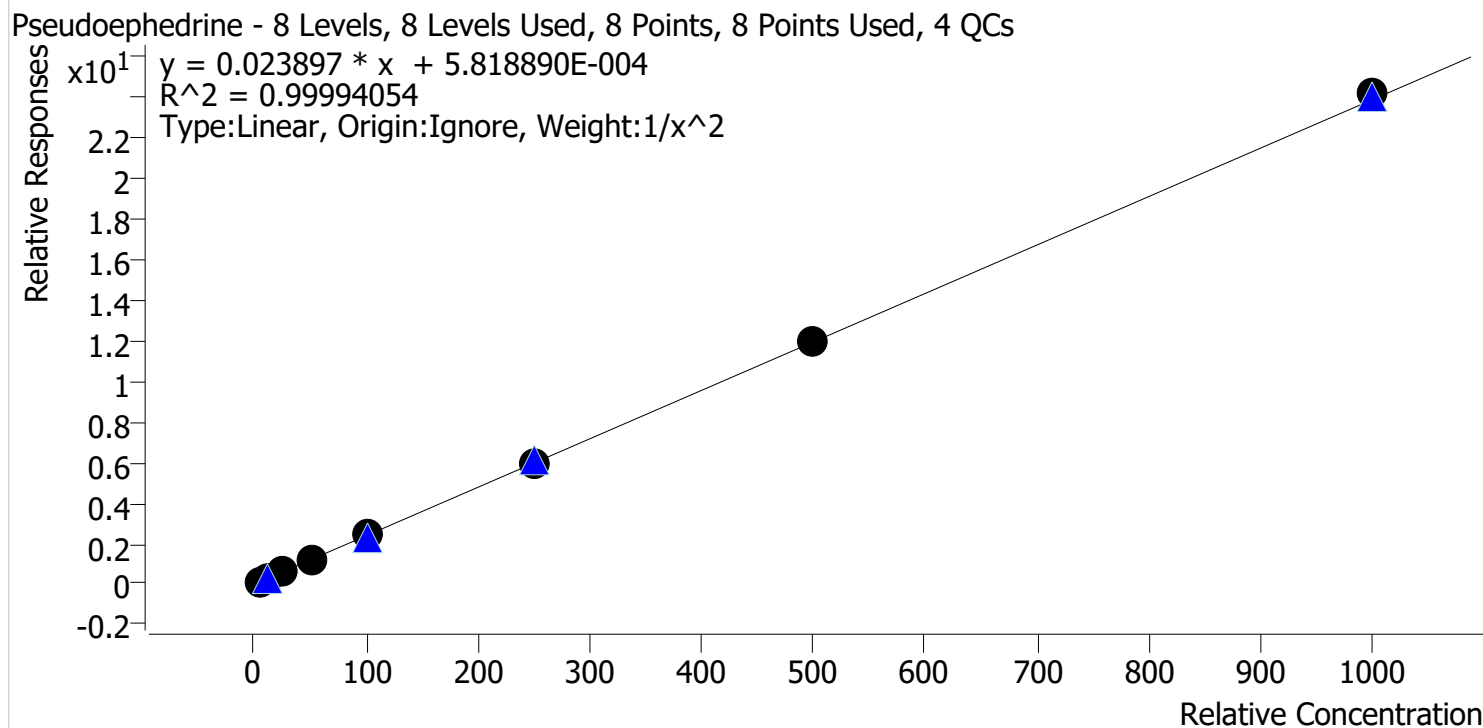
Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	25.8	103.1
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	106.4	106.4
cal 6 mdq	6	✓	250.0	258.6	103.4
cal 7 mdq	7	✓	500.0	479.4	95.9
cal 8 mdq	8	✓	1000.0	872.9	87.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

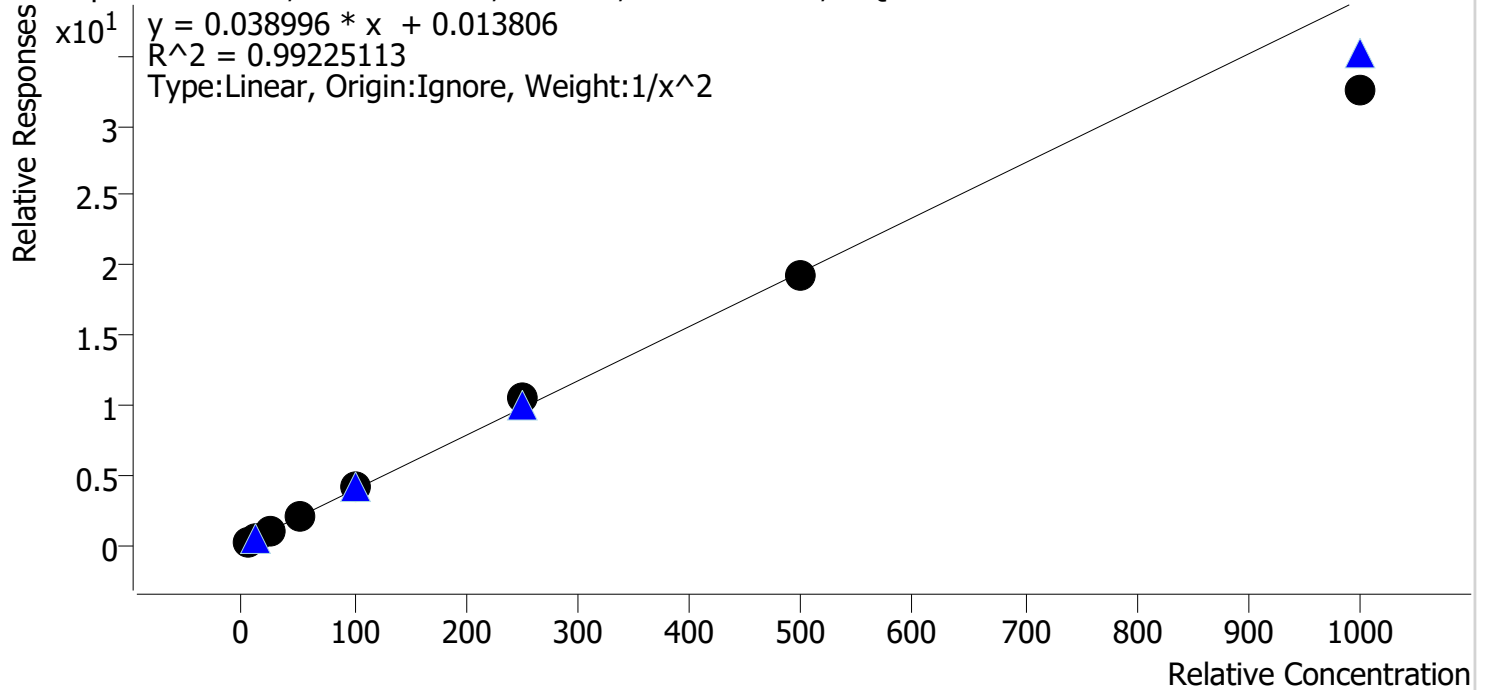


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	49.8	99.7
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	249.8	99.9
cal 7 mdq	7	✓	500.0	497.7	99.5
cal 8 mdq	8	✓	1000.0	1012.7	101.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-d8

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

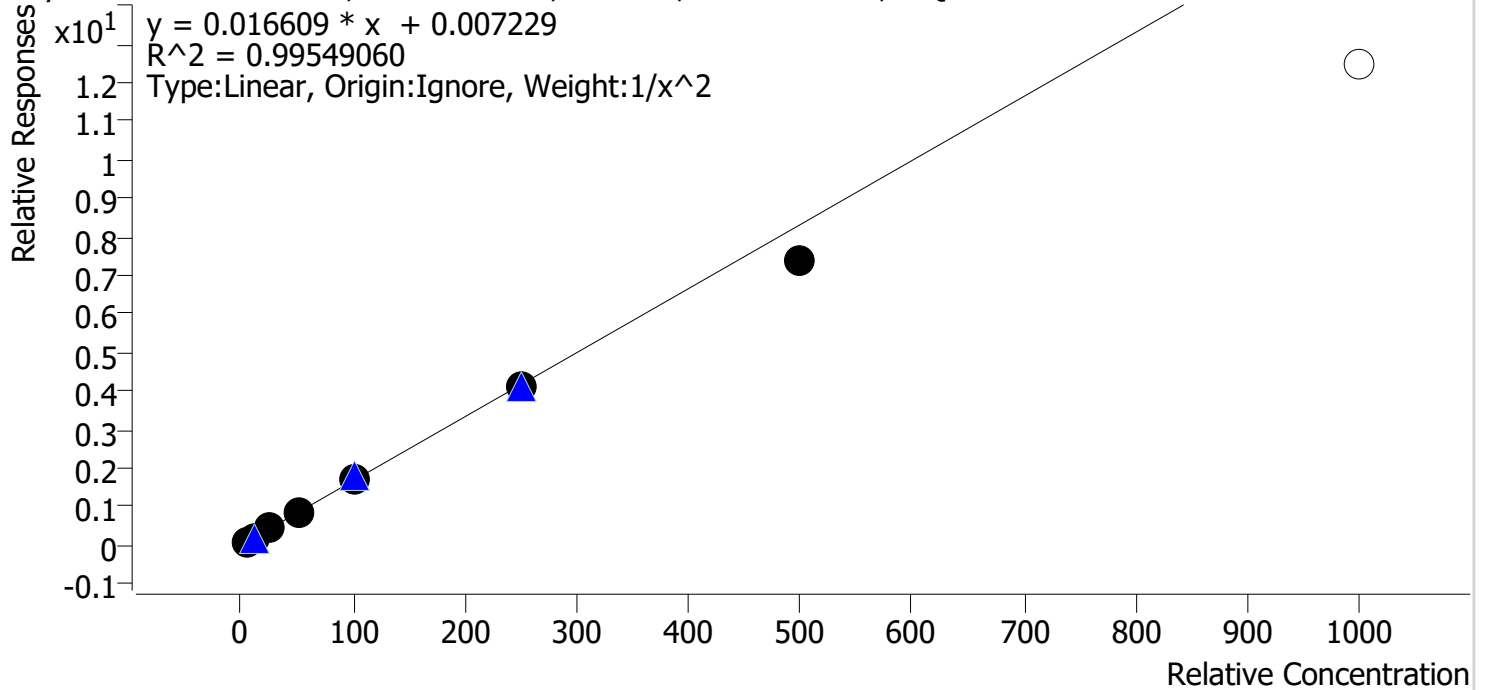


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	50.3	100.5
cal 5 mdq	5	✓	100.0	109.0	109.0
cal 6 mdq	6	✓	250.0	265.9	106.3
cal 7 mdq	7	✓	500.0	490.9	98.2
cal 8 mdq	8	✓	1000.0	834.9	83.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Dihydrocodeine	Internal Standard	Dihydrocodeine-D6

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

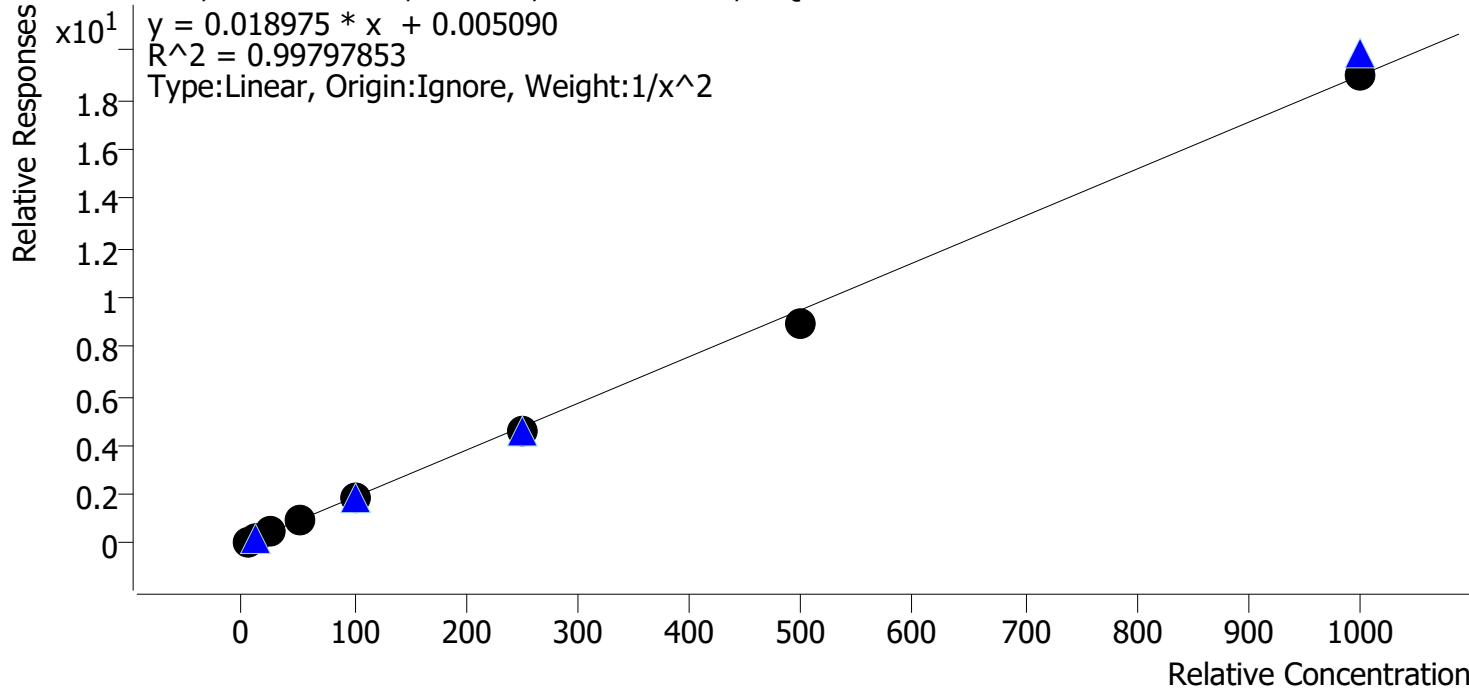


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.2
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	52.2	104.3
cal 5 mdq	5	✓	100.0	104.7	104.7
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	443.7	88.7
cal 8 mdq	8	✗	1000.0	749.4	74.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte DMT **Internal Standard** MDMA-D6

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

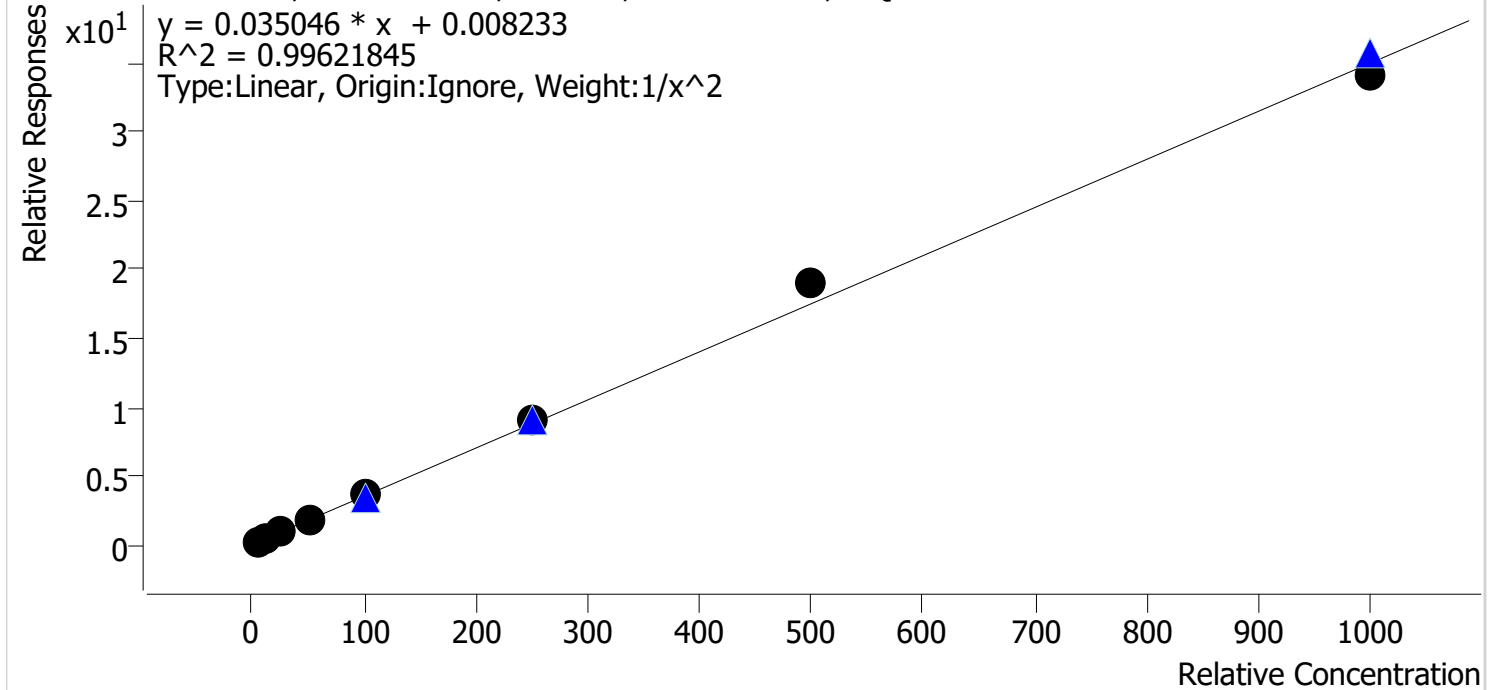


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.6	105.7
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	242.9	97.2
cal 7 mdq	7	✓	500.0	474.2	94.8
cal 8 mdq	8	✓	1000.0	1004.2	100.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-d3

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

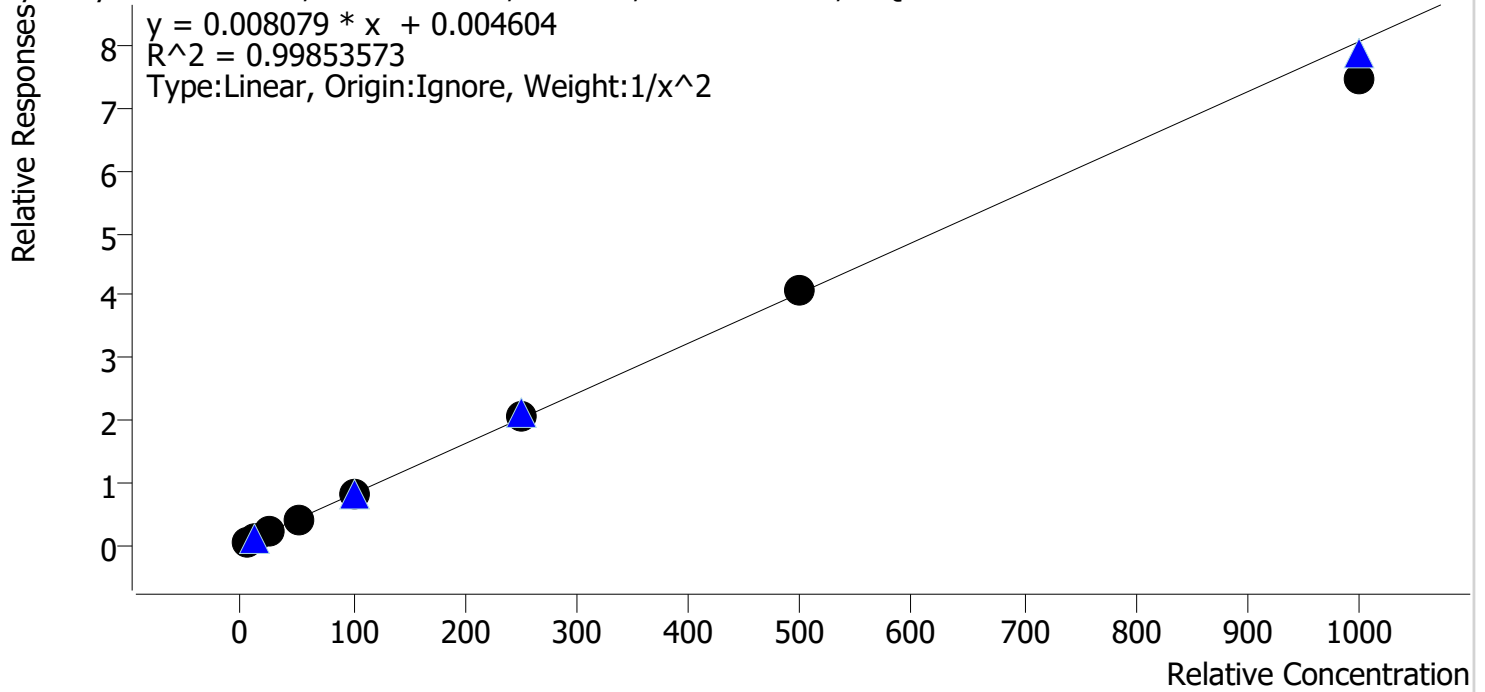


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.7
cal 2 mdq	2	✓	10.0	9.3	93.0
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	254.6	101.8
cal 7 mdq	7	✓	500.0	542.0	108.4
cal 8 mdq	8	✓	1000.0	978.2	97.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2022 10:42 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Promethazine-D3

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

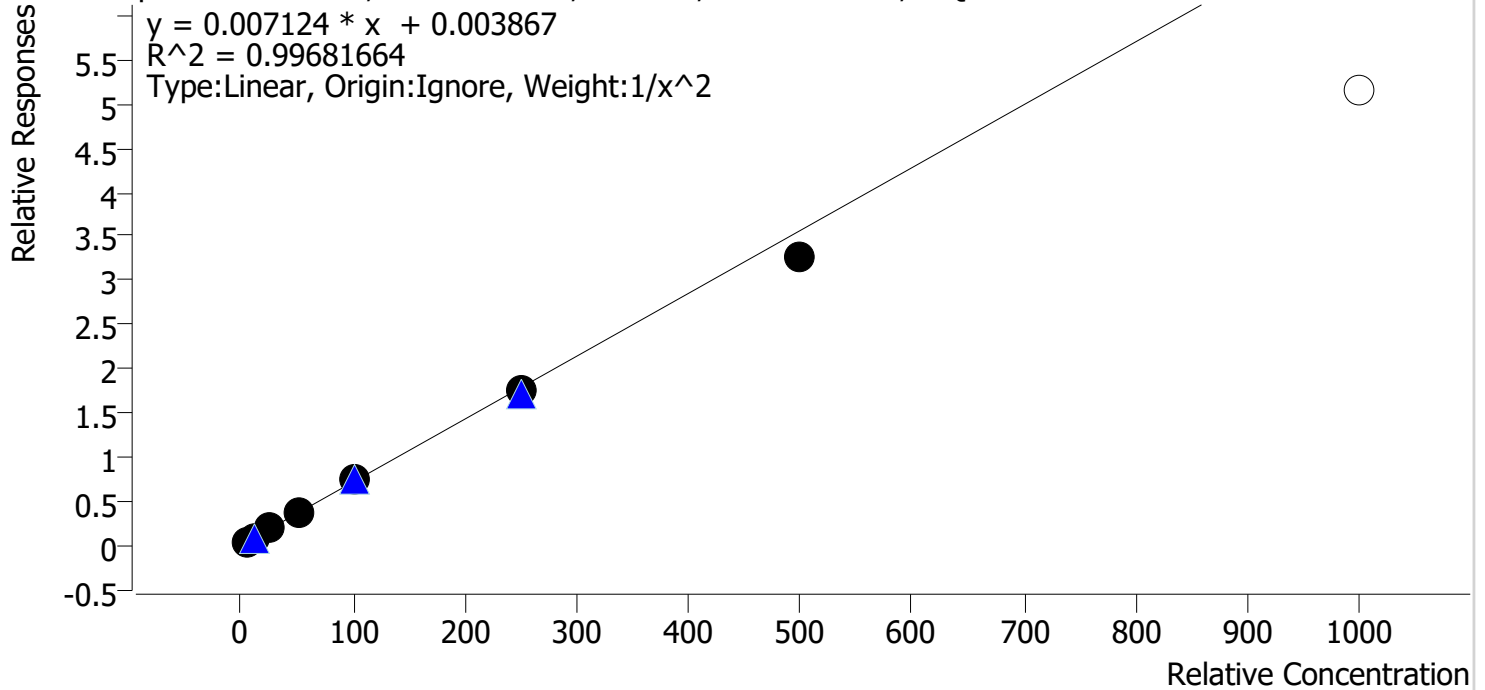


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	50.8	101.6
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	257.5	103.0
cal 7 mdq	7	✓	500.0	507.0	101.4
cal 8 mdq	8	✓	1000.0	924.1	92.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Chlordiazepoxide	Internal Standard	Chlordiazepoxide-d5

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

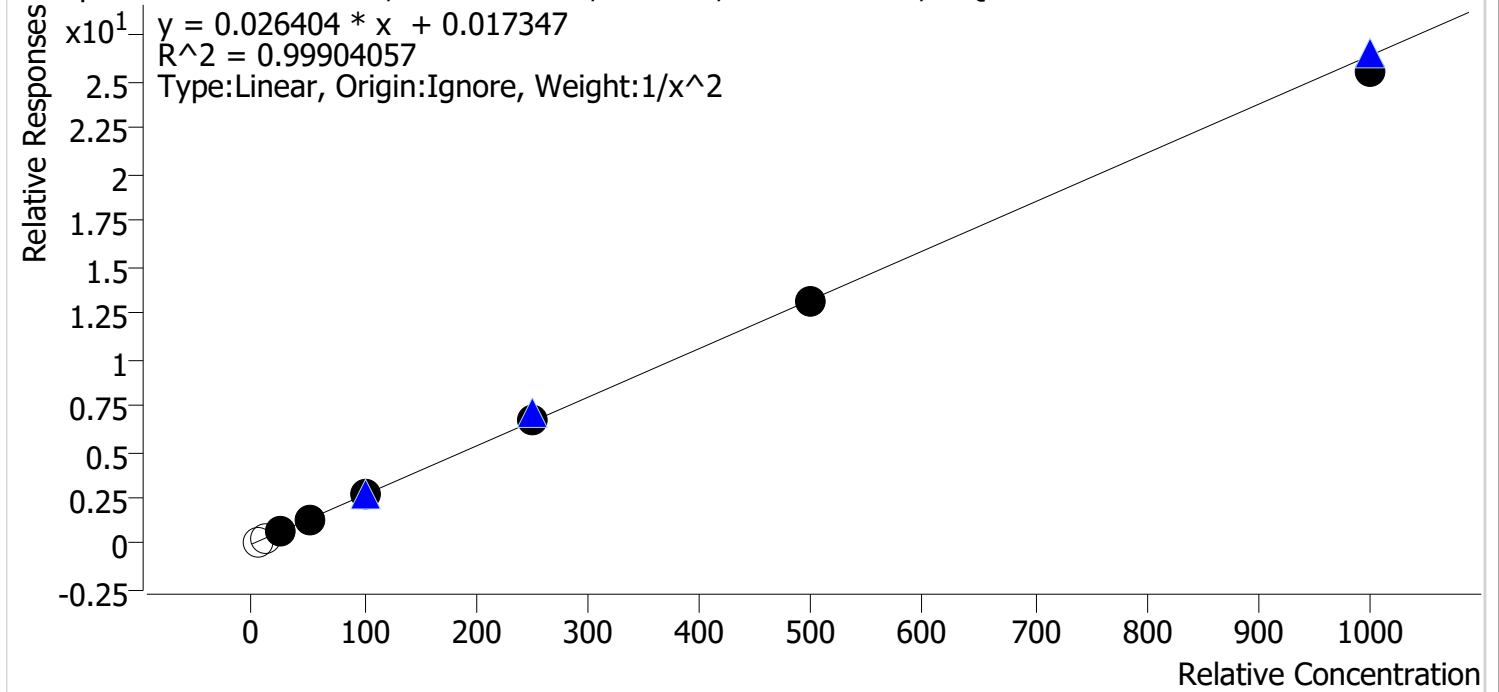


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	245.7	98.3
cal 7 mdq	7	✓	500.0	455.4	91.1
cal 8 mdq	8	✗	1000.0	724.2	72.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	Chlorpheniramine	Internal Standard	Chlorpheniramine-d6

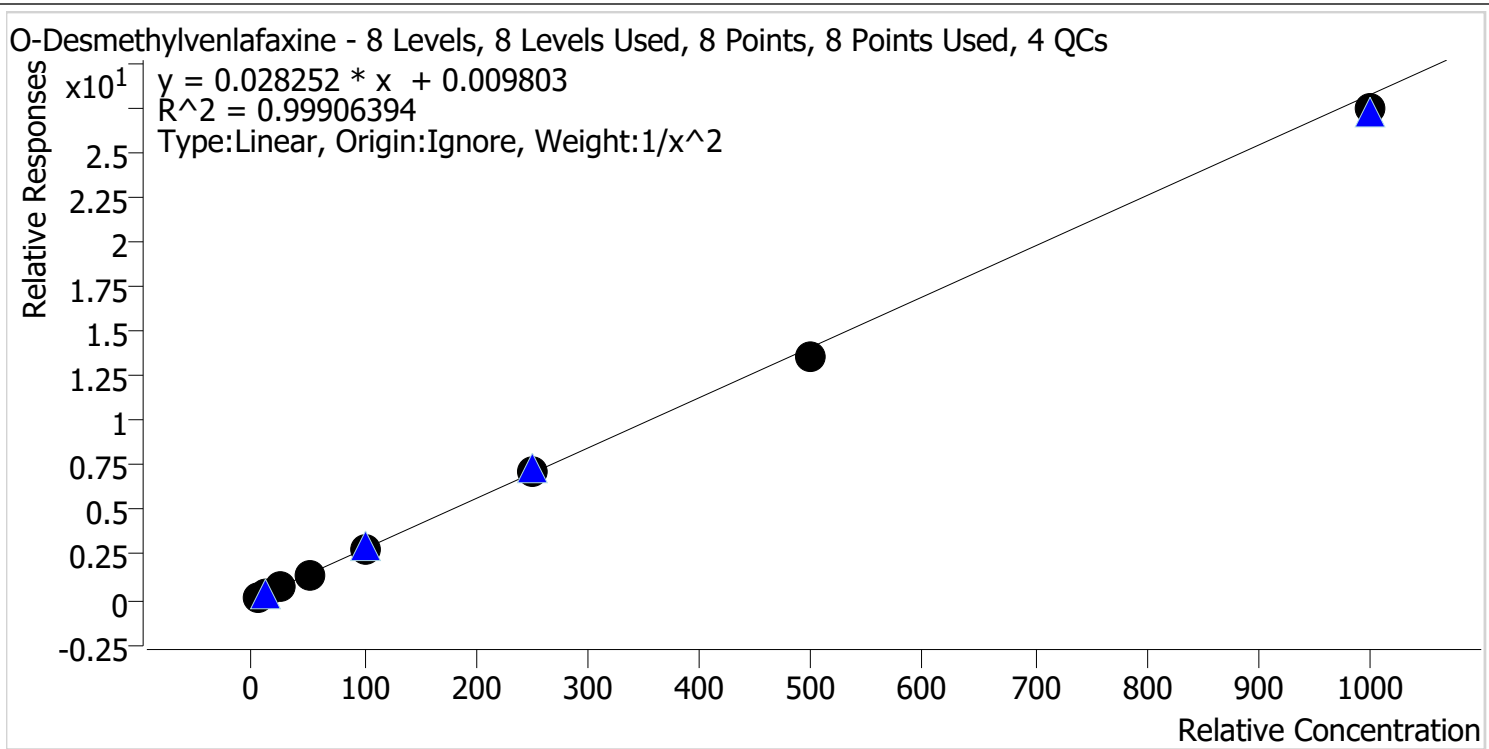
Chlorpheniramine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	4.3	85.4
cal 2 mdq	2	x	10.0	8.2	81.9
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	256.6	102.6
cal 7 mdq	7	✓	500.0	499.1	99.8
cal 8 mdq	8	✓	1000.0	966.3	96.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\120622\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 10:42 AM		
Analyst Name	ISP\datastor		
Analyte	O-Desmethylvenlafaxine	Internal Standard	O-Desmethylvenlafaxine-d6



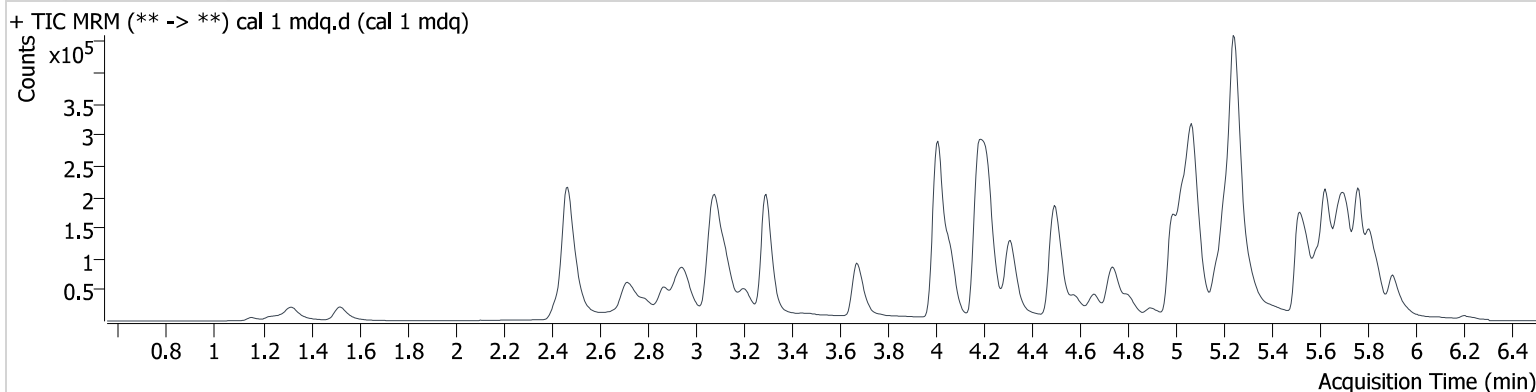
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	251.4	100.5
cal 7 mdq	7	✓	500.0	481.8	96.4
cal 8 mdq	8	✓	1000.0	971.8	97.2

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-A5 **Comment**
Injection Volume 2
Acq. Date-Time 12/6/2022 10:56:09 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	693	∞	147.68	4910.1	33123	0.481 ng/ml
7-aminoclonazepam	4.201	10005	1865.2	116.76	1545.3	100329	4.843 ng/ml
a-hydroxyalprazolam	5.640	2624	5167.8	77.94	5074.0	183161	5.246 ng/ml
alpha-PHP	4.895	12563	3060.4	242.66	174587.2	324468	5.020 ng/ml
alpha-PVP	4.321	45035	4630.7	54.82	1013.6	324468	5.040 ng/ml
Alprazolam	5.724	22318	387.4	93.93	∞	157314	5.144 ng/ml
Amphetamine	2.954	29360	683.9	318.22	993.5	163488	4.839 ng/ml
Buprenorphine	5.928	1675	76.6	17.98	458.3	44983	0.539 ng/ml
Bupropion	4.756	37712	3826.7	81.71	1414.9	221578	4.928 ng/ml
Carisoprodol	5.674	17346	∞	64.03	326.6	95078	4.928 ng/ml
Chlordiazepoxide	5.813	9568	236.5	68.86	11.4	248202	4.868 ng/ml
Chlorpheniramine	5.063	59060	2090.5	0.26	40.2	454108	4.269 ng/ml
Citalopram	5.175	28531	2065.9	41.21	30492.7	216713	5.022 ng/ml
Clonazepam	5.556	12679	5003.9	33.28	9834.9	46611	5.111 ng/ml
Clonazolam	5.497	11207	2249.5	37.01	249.0	114096	4.861 ng/ml
Cocaine	4.215	31540	2654.7	54.10	35329.2	511585	4.961 ng/ml
Codeine	2.508	4683	27249.3	86.63	∞	40167	5.719 ng/ml
Cyclobenzaprine	5.595	36974	7229.5	7.53	375.3	204788	5.048 ng/ml
Dextromethorphan	5.218	20453	∞	71.83	7451.7	192907	5.204 ng/ml
Dextrorphan	4.065	21973	2825.7	45.08	3614.9	209346	5.226 ng/ml
Diazepam	5.906	12593	1488.8	94.75	∞	114096	4.895 ng/ml
Dihydrocodeine	2.462	10087	60.7	63.57	41.7	114699	4.860 ng/ml
Diphenhydramine	5.250	99539	1894.7	31.61	1234.1	892922	5.081 ng/ml
DMT	2.749	5339	69.9	157.74	264.5	55410	4.809 ng/ml
Doxylamine	4.507	85977	11478.0	88.69	4055.8	509847	5.055 ng/ml
Duloxetine	5.620	4912	91.3	9.48	9.8 Low	25631	5.234 ng/ml
EDDP	5.208	35228	1379.6	40.17	7750.7	305972	5.081 ng/ml
Etizolam	5.764	2345	∞	429.58	∞	114096	4.968 ng/ml
Fentanyl	5.087	3379	252.3	124.06	∞	294073	0.509 ng/ml
Flualprazolam	5.655	9433	∞	104.31	23098.7	157314	5.072 ng/ml
Fluorofentanyl	5.154	3068	766.5	114.94	55.3	3329	0.535 ng/ml
Hydrocodone	2.956	16649	150.6	37.26	104.7	163562	4.906 ng/ml
Hydromorphone	1.532	10611	271.5	74.19	298.9	63799	5.043 ng/ml

AM #28 Multi-Drug Quant. Results

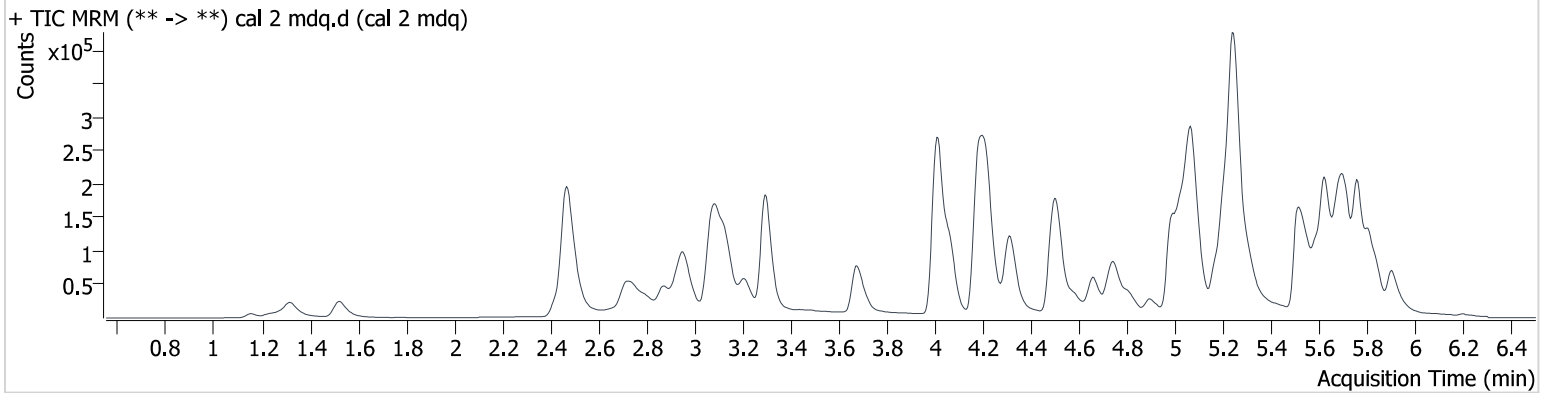
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	20145	3764.4	107.80	648.7	446839	5.011 ng/ml
Ketamine	4.035	30379	3662.5	37.27	469.4	253193	4.998 ng/ml
Lamotrigine	4.239	2631	∞	104.50	532.9	213122	4.808 ng/ml
Lorazepam	5.697	13408	1120.9	42.95	56.1	183161	4.900 ng/ml
MDA	3.111	41172	4086.9	31.47	216.5	213122	4.813 ng/ml
MDMA	3.213	27410	18624.2	107.42	1240.0	55410	4.871 ng/ml
Meprobamate	4.823	12638	1622.7	36.03	4861.2	69575	4.729 ng/ml
Methadone	5.625	55394	∞	56.16	756.3	364314	4.968 ng/ml
Methamphetamine	3.137	93030	270.1	38.95	299.1	517215	4.401 ng/ml
Metoprolol	4.273	7238	∞	94.15	249.9	620902	4.957 ng/ml
Mirtazapine	4.662	61821	171636.8	46.37	6455.6	55410	4.899 ng/ml
Mitragynine	5.230	11077	∞	29.94	228113.0	213122	4.942 ng/ml
Morphine	1.161	1571	338.4	17.88	43.6	4229	4.986 ng/ml
Norbuprenorphine	4.942	220	11.7	133.39 High	617.7	6556	0.267 ng/ml
Nordiazepam	5.845	12165	2288.0	60.39	99450.4	80266	4.934 ng/ml
Norfentanyl	4.025	843	143.3	244.52	105.9	406317	0.475 ng/ml
Noroxycodone	2.818	11517	411.1	51.45	173.1	71489	5.000 ng/ml
O-desmethyl-tramadol	3.299	65947	9248.6	6.08	551.8	526390	4.962 ng/ml
O-Desmethylvenlafaxine	4.013	17510	111.6	240.95	586.9	118495	4.883 ng/ml
Olanzapine	4.645	18156	175.4	46.16	128.7	88693	4.895 ng/ml
Oxazepam	5.699	21944	5240.1	69.97	75.3	183161	5.033 ng/ml
Oxycodone	2.746	33191	1546.8	30.11	662.2	212892	4.763 ng/ml
Phentermine	3.709	12148	212.9	11.85	87.6	267273	4.760 ng/ml
Promethazine	5.516	47239	456700.9	37.64	652.5	446839	5.114 ng/ml
Pseudoephedrine	2.481	74788	1833.5	17.34	2313.1	620902	5.016 ng/ml
Quetiapine	5.570	29225	∞	68.51	18601.6	86803	5.022 ng/ml
Sertraline	5.755	13373	40894571.4	93.09	2210.1	97197	5.114 ng/ml
Temazepam	5.766	42466	422.9	24.64	270.6	363381	5.016 ng/ml
Tramadol	4.187	73421	16732.1	3.22	82.8	601111	4.960 ng/ml
Trazodone	5.309	47219	36888.9	71.85	1685.8	304318	5.100 ng/ml
Venlafaxine	4.986	49495	2461.8	45.61	449.2	472103	5.095 ng/ml
Zolpidem	5.052	70896	335221.6	26.66	∞	523661	4.889 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-B5 **Comment**
Injection Volume 2
Acq. Date-Time 12/6/2022 11:05:11 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	1264	2104.9	119.76	∞	28122	1.069 ng/ml
7-aminoclonazepam	4.201	11506	466.8	123.89	650.2	61811	9.858 ng/ml
a-hydroxyalprazolam	5.640	4069	∞	68.68	∞	150969	9.459 ng/ml
alpha-PHP	4.895	20458	445.9	238.85	14229.6	266281	9.956 ng/ml
alpha-PVP	4.321	73493	12476.8	54.33	1577.4	266281	9.910 ng/ml
Alprazolam	5.724	35150	914.4	94.90	∞	128110	9.616 ng/ml
Amphetamine	2.954	47848	606.8	295.87	1442.9	139674	10.288 ng/ml
Buprenorphine	5.928	3001	282.5	16.87	251.6	37524	1.042 ng/ml
Bupropion	4.756	60190	4960.3	80.17	1480.7	173267	10.065 ng/ml
Carisoprodol	5.674	28621	10708.5	69.13	∞	79609	9.994 ng/ml
Chlordiazepoxide	5.813	14906	754.8	74.46	181.0	192958	10.301 ng/ml
Chlorpheniramine	5.068	82921	31404.2	0.35 High	236.1	354996	8.189 ng/ml
Citalopram	5.175	46042	1948.0	40.87	3735542.5	177079	9.868 ng/ml
Clonazepam	5.556	20709	27683.5	35.33	16095.7	41042	9.531 ng/ml
Clonazolam	5.497	18239	6696.0	42.37	725.2	92148	10.229 ng/ml
Cocaine	4.220	50942	5027.5	52.12	18692.9	408148	10.014 ng/ml
Codeine	2.508	7310	3883.0	96.23	865.7	32099	10.215 ng/ml
Cyclobenzaprine	5.595	61771	8809.0	8.48	2339.6	175705	9.931 ng/ml
Dextromethorphan	5.218	35503	3864.2	70.16	130942.9	171395	9.698 ng/ml
Dextrorphan	4.065	39425	9491.6	44.42	28992.4	195045	9.809 ng/ml
Diazepam	5.906	21974	12982.6	87.09	∞	92148	10.442 ng/ml
Dihydrocodeine	2.462	17183	5735.2	61.27	482.2	95704	10.375 ng/ml
Diphenhydramine	5.250	165186	7584.5	32.61	∞	746854	9.914 ng/ml
DMT	2.749	8833	315.6	160.41	281.3	42953	10.569 ng/ml
Doxylamine	4.512	132982	37627.3	93.05	32958.2	422238	9.706 ng/ml
Duloxetine	5.620	7320	41.3	10.87	18.4	21902	9.302 ng/ml
EDDP	5.208	60992	2073.2	43.78	572960.1	279451	9.832 ng/ml
Etizolam	5.769	3629	13297.7	464.97	30557.1	92148	10.003 ng/ml
Fentanyl	5.093	5781	260.5	117.15	49950.0	242926	0.998 ng/ml
Flualprazolam	5.655	14110	∞	104.48	51813.7	128110	9.244 ng/ml
Fluorofentanyl	5.159	4252	1850.0	131.23	90.0	2865	0.878 ng/ml
Hydrocodone	2.961	27283	879.2	36.11	393.1	136835	10.142 ng/ml
Hydromorphone	1.527	19045	1028.2	76.09	658.5	57982	9.883 ng/ml

AM #28 Multi-Drug Quant. Results

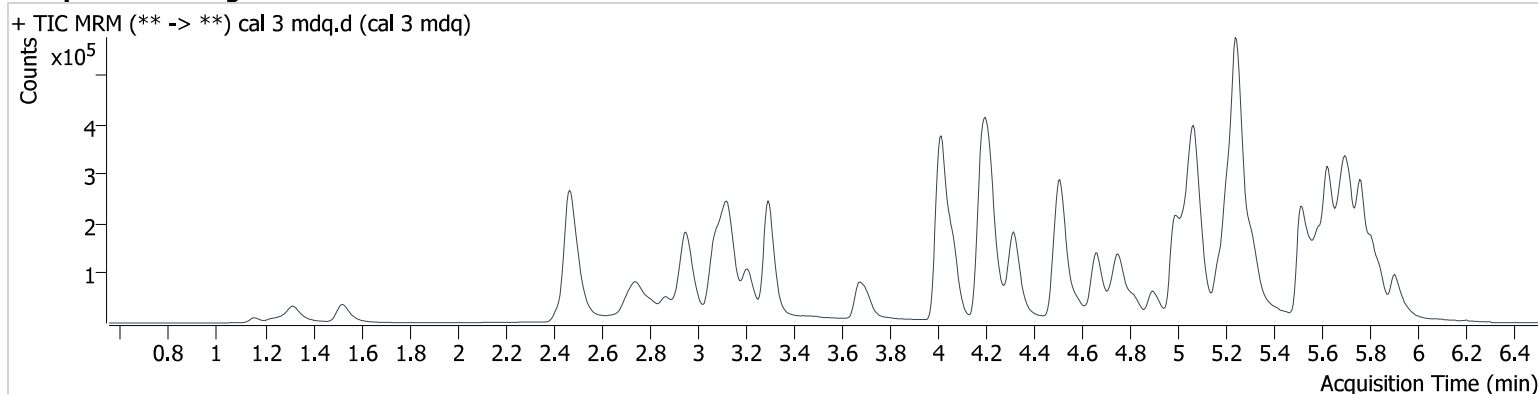
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	32700	706.6	110.92	25826.8	387494	9.876 ng/ml
Ketamine	4.035	48084	1903.0	36.34	373.8	204269	9.959 ng/ml
Lamotrigine	4.244	4367	582.5	99.52	24108.3	172302	10.504 ng/ml
Lorazepam	5.697	20584	742.0	48.12	146.3	150969	9.852 ng/ml
MDA	3.116	69506	2243.3	29.18	271.0	172302	10.491 ng/ml
MDMA	3.213	43811	17059.5	106.37	1240.3	42953	10.344 ng/ml
Meprobamate	4.823	20706	565.9	32.17	689.5	53706	10.669 ng/ml
Methadone	5.625	95838	3882.3	50.07	3092.7	310082	10.176 ng/ml
Methamphetamine	3.137	127365	644.0	38.30	116.1	415678	10.600 ng/ml
Metoprolol	4.273	11276	30866.2	96.26	∞	504944	9.989 ng/ml
Mirtazapine	4.662	97502	25696.7	47.22	12323.1	42953	10.431 ng/ml
Mitragynine	5.230	17895	∞	25.50	7408.1	172302	10.014 ng/ml
Morphine	1.161	2894	445.8	20.00	69.7	4023	9.958 ng/ml
Norbuprenorphine	4.952	441	1099.2	81.13	3785.5	5422	0.994 ng/ml
Nordiazepam	5.845	20221	∞	56.75	4501.0	63427	10.390 ng/ml
Norfentanyl	4.030	1326	1564.4	254.08	139.5	344935	1.018 ng/ml
Noroxycodone	2.818	19082	1426.9	53.63	691.5	59303	10.086 ng/ml
O-desmethyl-tramadol	3.299	104836	8646.3	6.55	745.6	420268	10.069 ng/ml
O-Desmethylvenlafaxine	4.013	28557	212.5	242.13	1448.4	94842	10.311 ng/ml
Olanzapine	4.640	29734	154.1	41.66	72.2	72120	10.218 ng/ml
Oxazepam	5.704	36040	248.1	65.88	321.4	150969	10.022 ng/ml
Oxycodone	2.751	51919	2899.1	29.61	2463.9	161799	10.512 ng/ml
Phentermine	3.709	18479	191.6	11.64	139.6	214197	10.178 ng/ml
Promethazine	5.516	79071	5680.9	38.93	415.3	387494	9.707 ng/ml
Pseudoephedrine	2.481	120649	3655.9	17.55	1122.5	504944	9.974 ng/ml
Quetiapine	5.570	45096	80371.0	70.18	538133.6	67238	10.053 ng/ml
Sertraline	5.750	21823	19248.2	103.04	1796.8	85902	9.670 ng/ml
Temazepam	5.771	68689	820.3	27.79	122.9	297396	9.932 ng/ml
Tramadol	4.192	118902	∞	3.38	118.5	483063	10.020 ng/ml
Trazodone	5.309	74719	6930.5	68.98	1542.9	242898	9.807 ng/ml
Venlafaxine	4.986	77372	1221.0	47.60	706.1	388790	9.629 ng/ml
Zolpidem	5.052	116106	∞	26.88	∞	430114	10.177 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-C5	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 11:14:12 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	2950	17871.7	126.97	26454.4	28437	2.508 ng/ml
7-aminoclonazepam	4.201	28077	3584.4	114.60	96315.9	56607	27.838 ng/ml
a-hydroxyalprazolam	5.639	10226	5786.1	69.20	2654.7	153027	22.763 ng/ml
alpha-PHP	4.895	53259	16698.6	249.12	∞	275887	25.009 ng/ml
alpha-PVP	4.321	191758	21158.5	53.57	4099.9	275887	24.782 ng/ml
Alprazolam	5.724	89201	1736.5	92.66	1275.8	126808	24.094 ng/ml
Amphetamine	2.954	118247	8533.2	292.24	3704.1	143217	26.438 ng/ml
Buprenorphine	5.928	7673	619.5	16.65	1348.6	38994	2.416 ng/ml
Bupropion	4.756	163651	∞	76.40	6519.5	181298	26.163 ng/ml
Carisoprodol	5.674	68048	136591.7	64.44	430.0	73755	26.103 ng/ml
Chlordiazepoxide	5.813	37029	1160.5	67.68	63.7	197090	25.831 ng/ml
Chlorpheniramine	5.068	257976	6423.1	0.29	79.7	386693	24.609 ng/ml
Citalopram	5.175	123641	∞	38.49	∞	185489	25.218 ng/ml
Clonazepam	5.556	51982	22611.1	39.90	63193.4	39260	25.105 ng/ml
Clonazolam	5.497	46758	11078.4	41.27	5128.9	94847	26.114 ng/ml
Cocaine	4.215	133651	∞	49.38	13853.3	411261	26.030 ng/ml
Codeine	2.508	18077	1303.7	96.49	4664.8	32756	23.327 ng/ml
Cyclobenzaprine	5.595	153222	37335.3	8.21	128.2	180440	24.140 ng/ml
Dextromethorphan	5.218	98018	∞	69.50	176668.3	175727	25.285 ng/ml
Dextrorphan	4.065	102632	13787.3	45.91	∞	199108	24.585 ng/ml
Diazepam	5.906	54868	2596.6	85.55	4122.4	94847	25.166 ng/ml
Dihydrocodeine	2.462	42419	463.7	62.64	2449.6	98543	25.482 ng/ml
Diphenhydramine	5.250	414837	45121.9	32.41	10983.8	768089	23.962 ng/ml
DMT	2.749	22753	1170.9	160.82	650.7	45338	26.180 ng/ml
Doxylamine	4.507	347316	∞	91.57	157713.7	436799	24.971 ng/ml
Duloxetine	5.620	18445	260.0	11.37	231.6	22098	23.581 ng/ml
EDDP	5.207	157516	∞	42.31	501866.7	299353	24.018 ng/ml
Etizolam	5.764	9250	30315.9	443.50	90260.6	94847	25.556 ng/ml
Fentanyl	5.093	14369	1018.3	119.63	∞	248586	2.348 ng/ml
Flualprazolam	5.650	41191	∞	94.13	90946.8	126808	27.095 ng/ml
Fluorofentanyl	5.154	11724	9079.3	115.60	259.0	2901	2.435 ng/ml
Hydrocodone	2.956	66415	1435.3	37.44	547.9	136245	25.598 ng/ml
Hydromorphone	1.527	47622	957.4	74.94	1880.8	57920	24.622 ng/ml

AM #28 Multi-Drug Quant. Results

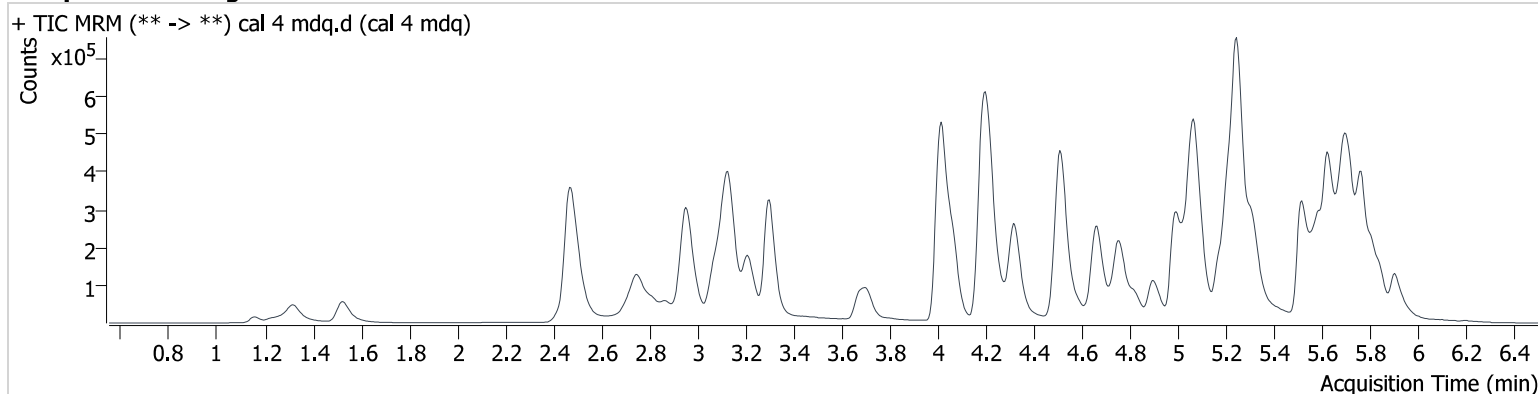
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	81785	21129.4	111.17	850.1	393848	25.134 ng/ml
Ketamine	4.035	121604	155805.9	36.62	989.9	207455	25.036 ng/ml
Lamotrigine	4.239	10967	693.8	97.59	∞	175790	26.737 ng/ml
Lorazepam	5.697	53713	1630.1	42.21	773.5	153027	26.685 ng/ml
MDA	3.111	171766	12616.2	30.37	755.0	175790	25.985 ng/ml
MDMA	3.213	113582	∞	106.17	3129.9	45338	25.816 ng/ml
Meprobamate	4.829	51219	2936.2	31.75	1026.0	54693	26.720 ng/ml
Methadone	5.625	241135	16766.6	54.27	4678.4	321939	24.765 ng/ml
Methamphetamine	3.137	276636	∞	39.75	1099.5	428838	27.194 ng/ml
Metoprolol	4.273	29410	∞	94.53	∞	527969	25.722 ng/ml
Mirtazapine	4.662	233936	39905.1	51.98	32752.0	45338	24.283 ng/ml
Mitragynine	5.230	47915	1532305.4	24.39	∞	175790	26.506 ng/ml
Morphine	1.161	7205	1181.7	19.34	299.5	4036	25.192 ng/ml
Norbuprenorphine	4.942	963	∞	83.36	833.3	5477	2.428 ng/ml
Nordiazepam	5.845	50175	∞	60.57	∞	66860	24.472 ng/ml
Norfentanyl	4.025	3226	693.0	261.89	546.4	344853	2.713 ng/ml
Noroxycodone	2.818	46946	∞	52.40	2409.9	60329	24.535 ng/ml
O-desmethyl-tramadol	3.299	269844	38280.0	6.26	2046.0	436153	25.258 ng/ml
O-Desmethylvenlafaxine	4.013	71850	693.0	244.15	4865.2	97211	25.815 ng/ml
Olanzapine	4.640	77294	189.1	41.83	391.9	76403	25.589 ng/ml
Oxazepam	5.704	87258	1574.6	70.40	1034.6	153027	23.930 ng/ml
Oxycodone	2.751	129528	37388.0	30.34	2792.8	165643	26.577 ng/ml
Phentermine	3.709	47984	452.0	12.26	416.2	221727	27.453 ng/ml
Promethazine	5.516	204600	6190006.2	37.53	5934.5	393848	24.441 ng/ml
Pseudoephedrine	2.476	312878	8094.7	17.42	84211.2	527969	24.774 ng/ml
Quetiapine	5.570	112821	∞	70.49	170608.5	70883	23.924 ng/ml
Sertraline	5.750	52105	63762.7	101.26	1090.7	82657	24.391 ng/ml
Temazepam	5.766	170018	9208.2	27.25	284.9	292944	24.985 ng/ml
Tramadol	4.192	311883	∞	3.34	387.7	493643	25.758 ng/ml
Trazodone	5.309	191899	22524.9	68.54	∞	247682	24.233 ng/ml
Venlafaxine	4.986	200178	6865.0	49.06	705.7	375862	25.692 ng/ml
Zolpidem	5.052	295345	141738.4	26.71	20634.2	443054	25.768 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-D5	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 11:23:14 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.077	5565	32001.5	128.19	∞	26433	5.121 ng/ml
7-aminoclonazepam	4.201	53387	1450.5	117.33	1040.9	55067	55.313 ng/ml
a-hydroxyalprazolam	5.645	18876	∞	66.20	3975.4	136970	46.450 ng/ml
alpha-PHP	4.895	99438	1093.5	240.97	16798.7	264039	48.785 ng/ml
alpha-PVP	4.321	361660	40079.6	55.20	10662.8	264039	48.726 ng/ml
Alprazolam	5.724	167036	1402.1	91.79	∞	115663	49.090 ng/ml
Amphetamine	2.954	224019	10733.0	284.53	15918.8	139793	52.409 ng/ml
Buprenorphine	5.928	14455	478.6	14.65	2142.7	36502	4.761 ng/ml
Bupropion	4.756	310928	28868.4	76.91	15506.8	179268	50.277 ng/ml
Carisoprodol	5.674	128313	354446.3	64.07	1059.9	68296	53.456 ng/ml
Chlordiazepoxide	5.813	71891	31509.4	69.87	751.7	190587	52.409 ng/ml
Chlorpheniramine	5.068	504279	76083.2	0.25	115.1	365857	51.545 ng/ml
Citalopram	5.175	226911	12377.9	40.35	311457.1	172007	49.858 ng/ml
Clonazepam	5.556	99491	5331.9	35.53	35259.8	38293	49.319 ng/ml
Clonazolam	5.497	87453	49953.3	39.01	3698.2	89410	52.232 ng/ml
Cocaine	4.215	248019	781203.0	51.45	38998.1	401103	49.502 ng/ml
Codeine	2.508	34654	53093.3	92.41	13275.3	30340	47.207 ng/ml
Cyclobenzaprine	5.595	302180	80805.3	7.68	∞	172174	50.008 ng/ml
Dextromethorphan	5.218	187964	16667.1	69.02	42732.8	169570	49.763 ng/ml
Dextrorphan	4.065	202820	383200.6	44.06	226144.6	192007	50.093 ng/ml
Diazepam	5.906	101703	7203.3	86.27	17105.0	89410	49.373 ng/ml
Dihydrocodeine	2.462	81302	7468.0	60.89	504.7	93050	52.172 ng/ml
Diphenhydramine	5.250	794755	∞	32.40	11757.7	726809	48.340 ng/ml
DMT	2.749	42592	826.2	161.16	146.1	43984	50.765 ng/ml
Doxylamine	4.512	666338	∞	95.01	115380.5	408554	51.541 ng/ml
Duloxetine	5.620	33276	874.6	10.98	125.8	19503	48.451 ng/ml
EDDP	5.213	306517	24580.8	42.46	∞	287855	48.832 ng/ml
Etizolam	5.769	16839	4574018.2	443.63	81981.2	89410	49.847 ng/ml
Fentanyl	5.098	28586	1786.9	116.28	151196.7	236970	4.841 ng/ml
Flualprazolam	5.655	74363	3125.2	97.39	97496.8	115663	53.544 ng/ml
Fluorofentanyl	5.159	22201	23519.0	127.46	261.1	2850	4.719 ng/ml
Hydrocodone	2.961	128580	16483.9	37.25	2320.5	129856	52.569 ng/ml
Hydromorphone	1.527	92181	2316.2	74.67	1616.4	55269	49.865 ng/ml

AM #28 Multi-Drug Quant. Results

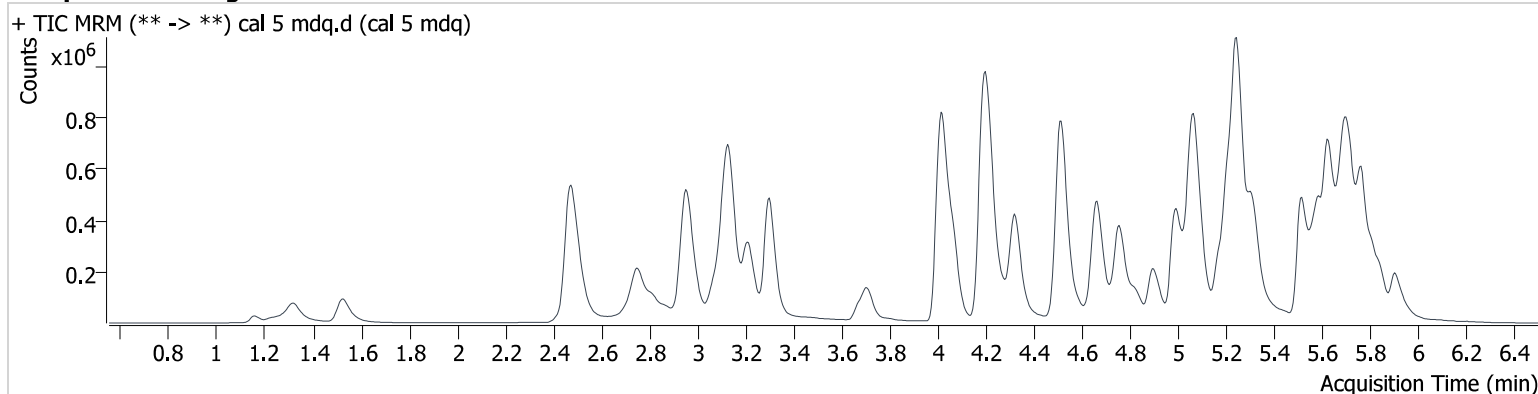
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	154124	56567.5	112.96	14686.0	371251	50.817 ng/ml
Ketamine	4.035	231931	48983.6	37.50	4315.4	196840	50.486 ng/ml
Lamotrigine	4.239	19244	1859.4	102.05	31839.5	170545	48.848 ng/ml
Lorazepam	5.697	98190	2839.9	41.59	1018773017 9600.6	136970	55.375 ng/ml
MDA	3.111	330145	57331.7	29.30	∞	170545	51.878 ng/ml
MDMA	3.213	214695	1654983.7	107.61	∞	43984	50.568 ng/ml
Meprobamate	4.823	97479	2947.7	32.17	1865.3	53024	52.996 ng/ml
Methadone	5.625	456698	302047.7	52.70	5232.6	305018	49.580 ng/ml
Methamphetamine	3.137	496595	4005.6	38.65	4158.4	395977	57.032 ng/ml
Metoprolol	4.273	55444	446557.6	97.24	7185.4	505426	51.178 ng/ml
Mirtazapine	4.662	480956	47245.0	47.75	368791.1	43984	51.964 ng/ml
Mitragynine	5.235	85344	∞	27.52	84268.3	170545	48.780 ng/ml
Morphine	1.156	13669	2806.7	18.96	577.4	3819	50.832 ng/ml
Norbuprenorphine	4.942	1734	1007.2	100.30	∞	4842	5.195 ng/ml
Nordiazepam	5.845	95957	∞	60.24	4264.9	63207	49.518 ng/ml
Norfentanyl	4.030	5932	713.0	256.38	614.0	326938	5.414 ng/ml
Noroxycodone	2.813	89873	2780.3	53.41	3916.8	56843	49.953 ng/ml
O-desmethyl-tramadol	3.299	516823	133042.7	6.26	4126.5	418025	50.665 ng/ml
O-Desmethylvenlafaxine	4.013	135685	250.9	244.29	2880.1	94046	50.721 ng/ml
Olanzapine	4.645	142178	234.2	43.08	283.2	72014	50.275 ng/ml
Oxazepam	5.704	161640	13324.1	68.42	730.5	136970	49.518 ng/ml
Oxycodone	2.746	251052	8965.3	28.58	2606.1	158664	54.462 ng/ml
Phentermine	3.709	91324	1817.6	11.27	349.6	218640	54.172 ng/ml
Promethazine	5.516	384101	∞	40.00	2647.6	371251	48.502 ng/ml
Pseudoephedrine	2.476	602213	35160.8	17.29	10525.0	505426	49.835 ng/ml
Quetiapine	5.570	228052	4422.8	64.78	∞	69611	49.296 ng/ml
Sertraline	5.750	94109	191287.2	100.60	241927.8	73722	49.666 ng/ml
Temazepam	5.766	317833	7036.4	28.26	3723.8	271246	50.462 ng/ml
Tramadol	4.192	591900	∞	3.31	224.7	478743	50.428 ng/ml
Trazodone	5.309	362938	∞	68.53	23182.6	230489	48.931 ng/ml
Venlafaxine	4.991	379000	28738.2	49.46	9322.6	385698	47.364 ng/ml
Zolpidem	5.052	556893	1271820.6	27.17	36579.9	416025	52.179 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-E5 **Comment**
Injection Volume 2
Acq. Date-Time 12/6/2022 11:32:15 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	10597	∞	127.21	∞	25022	10.333 ng/ml
7-aminoclonazepam	4.201	94336	2144.8	119.58	42384.2	49717	109.159 ng/ml
a-hydroxyalprazolam	5.650	36025	2984.2	64.46	1029.9	118190	102.175 ng/ml
alpha-PHP	4.900	189455	33443.5	248.33	14507.5	244209	100.491 ng/ml
alpha-PVP	4.326	690876	468066.7	54.65	11795.3	244209	100.516 ng/ml
Alprazolam	5.724	308300	2471.4	91.63	4152.6	107004	97.583 ng/ml
Amphetamine	2.954	424024	12274.5	274.71	19849.4	132045	106.190 ng/ml
Buprenorphine	5.928	28749	∞	16.07	2223.8	35295	9.685 ng/ml
Bupropion	4.756	582982	65325.2	77.15	62744.1	163150	103.587 ng/ml
Carisoprodol	5.674	221433	1829771.7	62.36	4800.9	63552	99.386 ng/ml
Chlordiazepoxide	5.813	128961	51937.7	72.39	816.1	176381	102.093 ng/ml
Chlorpheniramine	5.068	948407	37276.6	0.27	141.2	359010	99.392 ng/ml
Citalopram	5.175	432059	10304.7	39.59	14854.7	159698	102.197 ng/ml
Clonazepam	5.556	183781	7661.4	35.67	∞	34042	102.542 ng/ml
Clonazolam	5.497	166432	189430.6	38.81	19062.9	84199	105.990 ng/ml
Cocaine	4.220	469159	106289.6	51.29	∞	375247	100.063 ng/ml
Codeine	2.508	63424	16481.6	93.70	2966.6	27462	94.427 ng/ml
Cyclobenzaprine	5.595	548612	195054.9	8.55	∞	156033	100.290 ng/ml
Dextromethorphan	5.218	331969	57363.9	74.06	672269.6	151381	97.969 ng/ml
Dextrorphan	4.065	383540	76468.6	44.48	718534.7	179458	101.068 ng/ml
Diazepam	5.906	188399	∞	88.28	1498.6	84199	97.009 ng/ml
Dihydrocodeine	2.462	151897	3252.7	61.08	1352.5	86968	104.723 ng/ml
Diphenhydramine	5.250	1511713	91548.6	31.89	∞	679382	98.189 ng/ml
DMT	2.749	79580	138.0	158.53	264.8	42056	99.456 ng/ml
Doxylamine	4.512	1278007	227366.1	94.84	253997.2	400473	101.141 ng/ml
Duloxetine	5.620	65273	271.1	9.85	203.2	18039	103.014 ng/ml
EDDP	5.213	606366	126501.3	40.63	938524.1	267570	104.177 ng/ml
Etizolam	5.764	32965	25806.5	427.32	∞	84199	104.193 ng/ml
Fentanyl	5.098	52109	2410.8	116.28	26136.7	220184	9.446 ng/ml
Flualprazolam	5.655	128132	∞	103.93	168104.6	107004	99.652 ng/ml
Fluorofentanyl	5.154	41998	23404.6	125.47	816.4	2517	10.138 ng/ml
Hydrocodone	2.956	240266	∞	36.02	1934.8	122281	104.861 ng/ml
Hydromorphone	1.527	172093	2995.7	75.53	1330.6	51249	100.316 ng/ml

AM #28 Multi-Drug Quant. Results

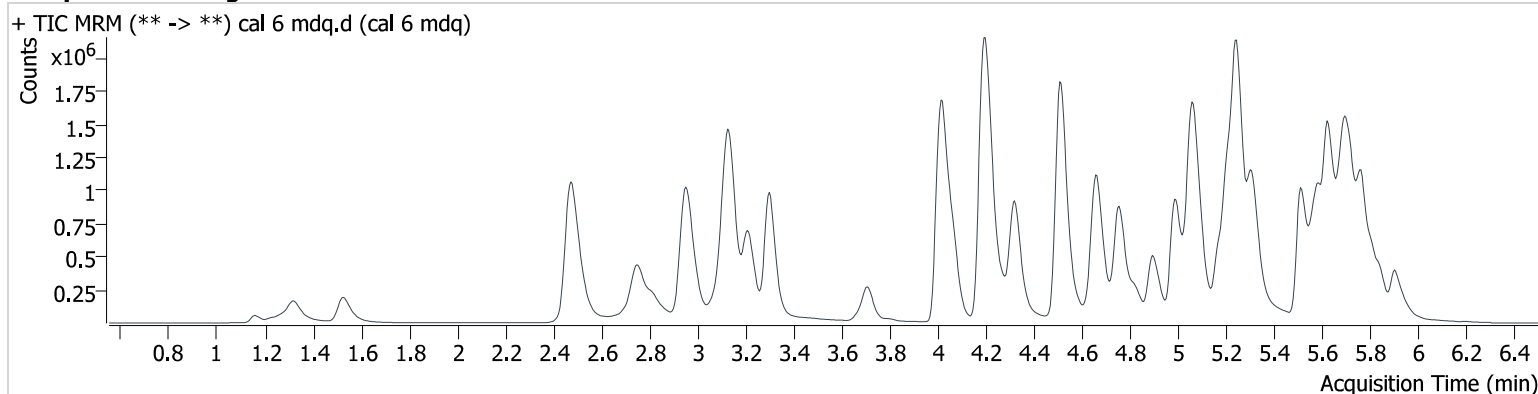
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	293852	18262.4	113.76	1482.0	354382	102.068 ng/ml
Ketamine	4.035	430971	333991.0	37.25	4226.0	180355	102.550 ng/ml
Lamotrigine	4.244	36724	5180.7	100.76	27560.0	154131	103.812 ng/ml
Lorazepam	5.697	164045	∞	45.87	∞	118190	108.002 ng/ml
MDA	3.111	607630	16491.9	28.79	9472.9	154131	106.068 ng/ml
MDMA	3.213	414538	1723761.9	105.13	26486.7	42056	102.402 ng/ml
Meprobamate	4.829	179271	231733.2	32.31	1961.5	49823	104.265 ng/ml
Methadone	5.625	869846	∞	51.95	13696.5	288120	100.045 ng/ml
Methamphetamine	3.137	934362	6415.5	39.05	∞	377336	116.909 ng/ml
Metoprolol	4.273	103275	591173.4	98.11	∞	472564	102.493 ng/ml
Mirtazapine	4.662	891077	118079.1	49.04	32874.3	42056	101.109 ng/ml
Mitragynine	5.230	162225	11106.9	29.40	∞	154131	102.750 ng/ml
Morphine	1.156	25553	6851.8	19.20	1972.8	3509	103.758 ng/ml
Norbuprenorphine	4.942	3586	1709.6	83.58	12963.8	5058	10.521 ng/ml
Nordiazepam	5.845	174703	45122.5	59.78	2678.0	58200	97.922 ng/ml
Norfentanyl	4.025	11230	1383.1	252.68	845.4	298353	11.406 ng/ml
Noroxycodone	2.813	166788	4513.1	50.61	1713.5	53051	99.429 ng/ml
O-desmethyl-tramadol	3.299	987632	277423.7	6.30	10078.8	396474	102.277 ng/ml
O-Desmethylvenlafaxine	4.013	254536	1435.9	248.18	22688.3	89401	100.431 ng/ml
Olanzapine	4.640	284367	3245.4	42.06	298.4	66697	108.981 ng/ml
Oxazepam	5.704	289788	15646.2	69.59	26402.3	118190	102.875 ng/ml
Oxycodone	2.746	439708	44000.0	30.91	14734.1	148137	102.754 ng/ml
Phentermine	3.709	169455	3465.0	11.98	1167.8	198925	111.805 ng/ml
Promethazine	5.516	734572	21332.5	38.23	17529.3	354382	96.996 ng/ml
Pseudoephedrine	2.476	1134698	33852.8	17.36	17451.6	472564	100.454 ng/ml
Quetiapine	5.570	427764	2524754.1	65.72	∞	61992	103.884 ng/ml
Sertraline	5.750	174522	166081.9	101.69	221726.0	70055	97.181 ng/ml
Temazepam	5.766	572245	5728.2	28.14	9388.2	248189	99.313 ng/ml
Tramadol	4.192	1102713	∞	3.29	619.7	450549	99.851 ng/ml
Trazodone	5.309	679417	611271.4	70.14	28435.1	225669	93.273 ng/ml
Venlafaxine	4.991	737681	14753.3	47.12	6916.5	362956	97.914 ng/ml
Zolpidem	5.052	1040489	123675.6	27.57	∞	382689	106.428 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F5	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 11:41:17 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	25121	83480.9	131.56	∞	24475	25.087 ng/ml
7-aminoclonazepam	4.201	325057	27796.0	115.57	19319.6	68670	273.731 ng/ml
a-hydroxyalprazolam	5.640	68534	1579.1	69.14	1343.3	88593	258.601 ng/ml
alpha-PHP	4.895	468456	5897.1	243.84	55657.5	237186	255.828 ng/ml
alpha-PVP	4.321	1712434	117026.4	53.84	35180.4	237186	256.343 ng/ml
Alprazolam	5.724	682503	6976.8	91.52	3983.7	92725	248.739 ng/ml
Amphetamine	2.954	923577	10955.0	264.98	29819.7	122049	251.817 ng/ml
Buprenorphine	5.928	70999	19786.7	16.63	33338.4	34160	24.556 ng/ml
Bupropion	4.756	1493474	69486.7	74.80	77342.5	173953	248.898 ng/ml
Carisoprodol	5.674	443051	2022976.1	61.64	∞	51886	243.988 ng/ml
Chlordiazepoxide	5.813	281113	6333.0	74.47	6620.8	160224	245.748 ng/ml
Chlorpheniramine	5.068	2272350	66136.1	0.28	3170.9	334515	256.610 ng/ml
Citalopram	5.175	1016460	70423.9	40.36	853454.1	155972	246.100 ng/ml
Clonazepam	5.556	395546	420485.2	35.55	∞	29769	252.458 ng/ml
Clonazolam	5.497	396120	∞	40.45	19309.2	80747	263.682 ng/ml
Cocaine	4.215	1098819	94434.9	51.86	∞	352692	249.304 ng/ml
Codeine	2.508	144150	4053.5	95.17	∞	23845	245.555 ng/ml
Cyclobenzaprine	5.595	1338988	159816.8	7.52	∞	149613	255.447 ng/ml
Dextromethorphan	5.213	762604	383267.4	71.51	542204.7	134971	251.644 ng/ml
Dextrorphan	4.065	856539	1832925.4	44.38	23627.3	164204	246.280 ng/ml
Diazepam	5.901	476424	∞	86.49	∞	80747	255.616 ng/ml
Dihydrocodeine	2.457	339788	3145.7	61.26	17444.5	82239	248.328 ng/ml
Diphenhydramine	5.250	3584034	305504.1	31.36	100736.1	628566	251.344 ng/ml
DMT	2.749	185915	18180.4	154.34	2368.0	40293	242.899 ng/ml
Doxylamine	4.507	3168614	∞	95.12	138821.4	395804	254.182 ng/ml
Duloxetine	5.620	148014	1780.8	10.91	122.7	16572	254.618 ng/ml
EDDP	5.207	1436438	138783.9	42.88	31926.9	260769	253.543 ng/ml
Etizolam	5.764	77166	213054.3	411.45	∞	80747	255.094 ng/ml
Fentanyl	5.093	126443	7873.5	119.17	241467.1	208848	24.083 ng/ml
Flualprazolam	5.650	282791	7186.8	98.76	19933.8	92725	253.671 ng/ml
Fluorofentanyl	5.154	105202	50808.7	123.07	759.5	2552	25.081 ng/ml
Hydrocodone	2.961	519444	8991.0	36.34	∞	110777	251.017 ng/ml
Hydromorphone	1.527	399028	5030.1	70.49	554.6	46923	253.924 ng/ml

AM #28 Multi-Drug Quant. Results

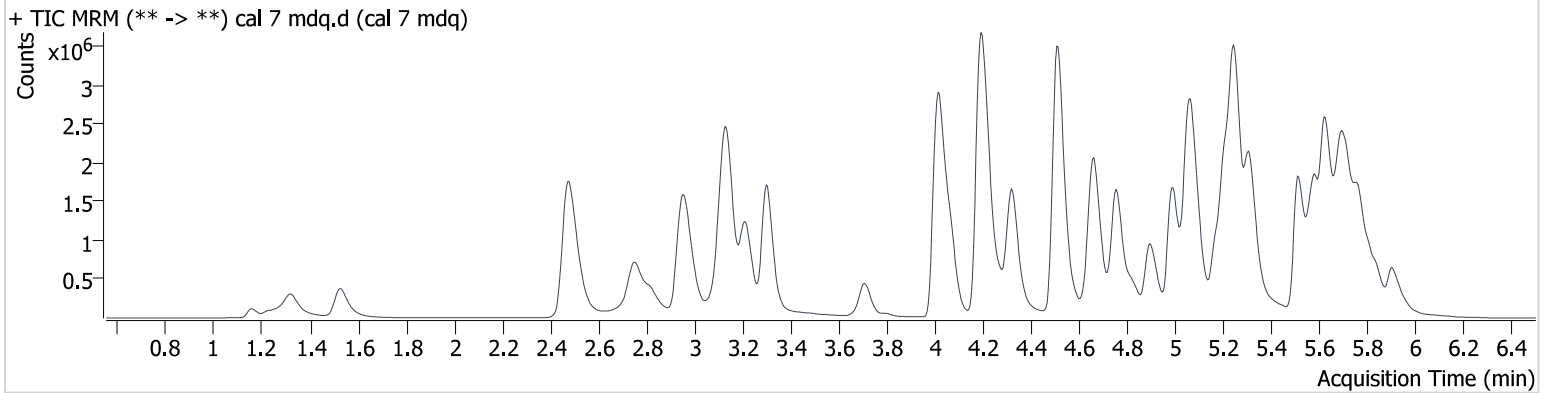
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	699463	388767.5	116.39	1308.7	335528	257.470 ng/ml
Ketamine	4.035	1005081	23557.1	36.94	∞	171898	251.156 ng/ml
Lamotrigine	4.239	83344	36976.8	98.72	∞	143435	254.033 ng/ml
Lorazepam	5.697	294926	7529.2	47.55	∞	88593	260.212 ng/ml
MDA	3.111	1277785	181677.0	29.38	12006.6	143435	240.192 ng/ml
MDMA	3.213	976670	113616.6	105.86	71813.2	40293	252.228 ng/ml
Meprobamate	4.823	403798	8023.3	32.76	9977.7	46676	251.474 ng/ml
Methadone	5.625	2152010	24299721.1	50.25	66244.6	280158	254.662 ng/ml
Methamphetamine	3.137	2122962	∞	39.58	13076.4	391431	261.314 ng/ml
Metoprolol	4.273	245071	1990277.0	95.44	17034.6	454981	253.405 ng/ml
Mirtazapine	4.662	2128688	73981.2	48.99	88227.5	40293	252.774 ng/ml
Mitragynine	5.230	370078	18159.6	29.68	48059.2	143435	252.082 ng/ml
Morphine	1.161	55417	12124.5	19.51	2138.1	3099	255.271 ng/ml
Norbuprenorphine	4.942	8106	65870.6	93.84	40718.5	5026	24.244 ng/ml
Nordiazepam	5.845	393633	9302.7	60.89	5706.6	52323	245.430 ng/ml
Norfentanyl	4.025	24249	15559.7	253.10	2481.1	276609	26.781 ng/ml
Noroxycodone	2.813	362252	4241.6	52.08	11774.7	46119	248.561 ng/ml
O-desmethyl-tramadol	3.299	2406971	161106.4	6.17	15886.6	397685	248.775 ng/ml
O-Desmethylvenlafaxine	4.008	611396	5219.9	245.93	1106.9	85979	251.355 ng/ml
Olanzapine	4.640	693406	11583.8	43.23	645.5	66794	265.863 ng/ml
Oxazepam	5.704	542050	995190.6	71.22	∞	88593	256.705 ng/ml
Oxycodone	2.751	1050949	86169.7	30.22	15227.2	145995	250.148 ng/ml
Phentermine	3.709	404433	10188.6	11.25	1843.6	199344	268.039 ng/ml
Promethazine	5.516	1829779	757856.2	37.91	179233.3	335528	254.904 ng/ml
Pseudoephedrine	2.476	2715767	189391.5	17.25	∞	454981	249.753 ng/ml
Quetiapine	5.570	1020566	∞	65.64	205069.2	57282	268.304 ng/ml
Sertraline	5.750	401443	671336.1	101.51	22556.5	62044	252.830 ng/ml
Temazepam	5.766	1229281	45673.7	28.20	12871.5	214208	247.214 ng/ml
Tramadol	4.192	2633289	∞	3.40	27198.3	420387	255.593 ng/ml
Trazodone	5.309	1688853	215180.0	69.68	29772.9	207084	252.131 ng/ml
Venlafaxine	4.986	1839610	81532.2	45.95	30535.0	353998	250.283 ng/ml
Zolpidem	5.052	2485620	240203.0	28.25	125591.2	377207	258.555 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-G5 **Comment**
Injection Volume 2
Acq. Date-Time 12/6/2022 11:50:18 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	48105	288713.4	132.12	21005.4	23114	50.902 ng/ml
7-aminoclonazepam	4.201	399389	97692.7	118.46	14602.0	45374	509.808 ng/ml
a-hydroxyalprazolam	5.640	98765	∞	67.65	696.3	59471	554.629 ng/ml
alpha-PHP	4.900	887907	∞	249.40	43660.4	233168	493.245 ng/ml
alpha-PVP	4.321	3260733	668013.8	53.55	181313.5	233168	496.420 ng/ml
Alprazolam	5.724	1160447	26416.8	91.19	3132.0	74917	523.060 ng/ml
Amphetamine	2.954	1537085	49526.6	263.86	59331.7	123682	414.309 ng/ml
Buprenorphine	5.928	139254	11703.3	16.39	16690.7	32834	50.003 ng/ml
Bupropion	4.756	2900230	427219.4	73.77	95737.5	170059	494.417 ng/ml
Carisoprodol	5.674	644897	∞	60.50	9777.6	36651	503.073 ng/ml
Chlordiazepoxide	5.813	454663	35374.8	75.80	614.2	139969	455.446 ng/ml
Chlorpheniramine	5.068	4206219	∞	0.30	2139.4	318780	499.063 ng/ml
Citalopram	5.175	1859936	58066.7	40.23	88931503.4	141145	497.569 ng/ml
Clonazepam	5.556	627842	171348.7	34.61	301605.3	22881	521.410 ng/ml
Clonazolam	5.492	675553	406377.9	39.09	28971.5	73678	493.209 ng/ml
Cocaine	4.220	2025429	182791.3	51.01	115192.8	323790	500.527 ng/ml
Codeine	2.513	250265	8755.4	94.26	4062.0	19605	517.395 ng/ml
Cyclobenzaprine	5.595	2342281	1040996.9	8.26	6205.6	133204	501.999 ng/ml
Dextromethorphan	5.218	1353205	∞	72.28	33489.8	121372	496.082 ng/ml
Dextrorphan	4.065	1629715	220658.3	44.56	344614.0	156969	489.916 ng/ml
Diazepam	5.906	848058	13925.6	88.20	101417.6	73678	498.559 ng/ml
Dihydrocodeine	2.457	612147	5029.1	62.99	2307.3	82992	443.656 ng/ml
Diphenhydramine	5.250	6436399	715407.3	31.21	170340.9	559280	507.122 ng/ml
DMT	2.749	344026	3523.1	145.26	17084.5	38216	474.156 ng/ml
Doxylamine	4.512	6329186	∞	94.59	474387.6	398587	504.474 ng/ml
Duloxetine	5.620	245010	3949.7	11.31	187.8	12894	541.981 ng/ml
EDDP	5.208	2759936	180557.1	42.95	129810869.5	258383	491.859 ng/ml
Etizolam	5.769	136327	1079938.4	413.40	10241.2	73678	494.406 ng/ml
Fentanyl	5.098	240617	18195.4	121.04	844900.2	184936	51.693 ng/ml
Flualprazolam	5.655	443157	46687.1	99.35	∞	74917	491.934 ng/ml
Fluorofentanyl	5.154	206711	128643.5	120.65	923.8	2299	54.752 ng/ml
Hydrocodone	2.961	908796	108723.8	37.82	∞	100883	482.751 ng/ml
Hydromorphone	1.527	827577	4726.5	74.54	5112.2	49064	503.576 ng/ml

AM #28 Multi-Drug Quant. Results

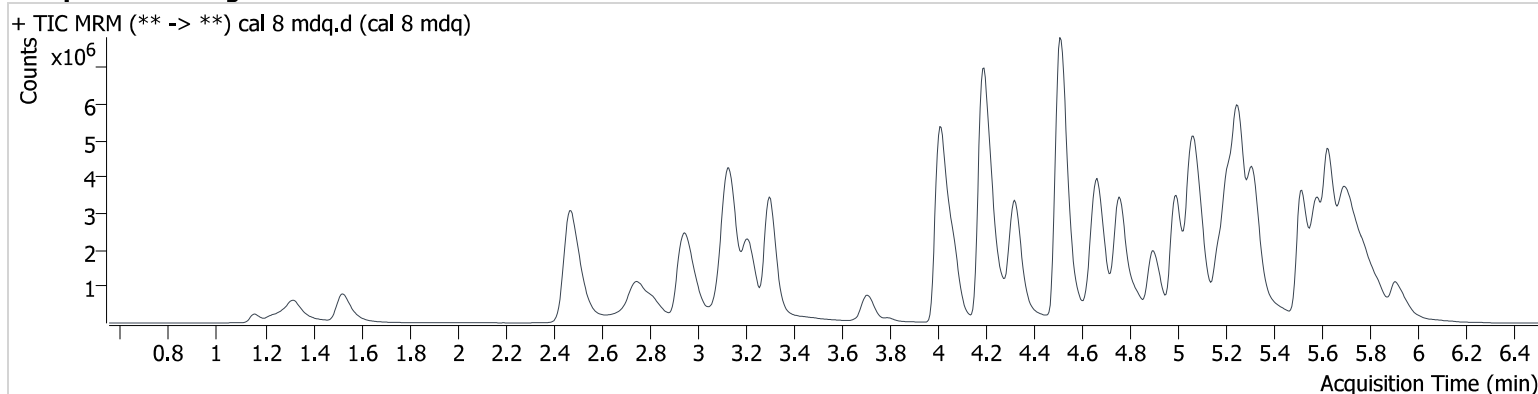
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.691	1336418	43317.5	114.79	113268.5	325919	506.985 ng/ml
Ketamine	4.035	1762420	1569803.4	36.53	10742.9	151180	500.916 ng/ml
Lamotrigine	4.244	139482	50836.9	100.97	2444271.7	122776	497.254 ng/ml
Lorazepam	5.697	347798	3564.8	48.47	705.1	59471	457.759 ng/ml
MDA	3.106	2024431	45475.8	28.61	10180.8	122776	444.918 ng/ml
MDMA	3.213	1820805	432386.2	106.62	98802.0	38216	496.058 ng/ml
Meprobamate	4.829	691425	70646.9	31.70	18212.0	42047	478.512 ng/ml
Methadone	5.625	4033725	∞	50.64	34599.0	270367	494.694 ng/ml
Methamphetamine	3.137	3960437	∞	39.00	11856.7	395269	486.493 ng/ml
Metoprolol	4.273	442274	76685.6	93.98	15251.7	418206	498.047 ng/ml
Mirtazapine	4.662	3999693	1058972.1	48.46	953596.5	38216	501.204 ng/ml
Mitragynine	5.230	649276	23761.9	30.70	82503.7	122776	516.824 ng/ml
Morphine	1.156	120850	508486.1	19.40	3987.2	3553	485.858 ng/ml
Norbuprenorphine	4.942	15591	21145.5	99.73	44695.3	4714	49.969 ng/ml
Nordiazepam	5.845	677789	223136.3	60.13	∞	43578	507.421 ng/ml
Norfentanyl	4.030	38902	3149.4	261.55	2916.1	245302	48.580 ng/ml
Noroxycodone	2.818	684112	20173.7	50.48	8078.4	45254	478.470 ng/ml
O-desmethyl-tramadol	3.299	4583248	264065.1	6.19	78298.7	382702	492.440 ng/ml
O-Desmethylvenlafaxine	4.008	1135484	1622.2	245.54	8339.6	83353	481.839 ng/ml
Olanzapine	4.640	1332481	306.8	45.90	19166.9	69551	490.939 ng/ml
Oxazepam	5.704	706400	503750.9	70.92	∞	59471	498.347 ng/ml
Oxycodone	2.751	1868434	313113.0	30.17	130386.8	137504	472.781 ng/ml
Phentermine	3.709	732460	3366.9	10.68	2871.6	192235	504.510 ng/ml
Promethazine	5.516	3565710	153937.7	37.48	22687.7	325919	511.201 ng/ml
Pseudoephedrine	2.481	4974453	45331.1	17.09	55437.3	418206	497.724 ng/ml
Quetiapine	5.570	1849027	63935.8	65.36	∞	56661	491.474 ng/ml
Sertraline	5.745	664898	723407.3	99.66	1020034.4	50547	514.275 ng/ml
Temazepam	5.771	1897305	55865.7	29.18	11789.7	165085	495.113 ng/ml
Tramadol	4.187	4930138	∞	3.36	∞	397898	505.599 ng/ml
Trazodone	5.309	3270113	∞	70.46	616314.6	182022	555.046 ng/ml
Venlafaxine	4.991	3597802	104378.4	44.38	40843.1	346874	499.495 ng/ml
Zolpidem	5.052	4584711	29372.7	28.17	124779.3	375518	479.417 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 10:42:44 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-H5	Comment	
Injection Volume	2		
Acq. Date-Time	12/6/2022 12:08:15 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	108323	151706.7	132.47	∞	29857	88.756 ng/ml
7-aminoclonazepam	4.196	687589	96510.8	122.60	23037.9	49686	802.068 ng/ml
a-hydroxyalprazolam	5.645	99130	1263.2	67.70	776.1	23767	1392.272 ng/ml
alpha-PPH	4.900	1960284	19343.1	248.58	∞	251473	1009.693 ng/ml
alpha-PVP	4.321	7168641	450805.5	53.06	178788.1	251473	1011.806 ng/ml
Alprazolam	5.724	1899851	4248.2	93.42	7805.5	61250	1047.055 ng/ml
Amphetamine	2.944	2718731	36464.4	256.71	∞	153327	591.625 ng/ml
Buprenorphine	5.928	322584	∞	15.99	31758.5	37618	100.998 ng/ml
Bupropion	4.756	6560445	148324.0	71.13	246932.3	203303	935.519 ng/ml
Carisoprodol	5.669	695783	1242598.7	61.19	∞	21495	925.723 ng/ml
Chlordiazepoxide	5.813	637131	49746.7	88.62	7563.1	123413	724.164 ng/ml
Chlorpheniramine	5.073	8731783	573328.9	0.30	3529.3	342014	966.250 ng/ml
Citalopram	5.175	3547216	389515.3	41.41	∞	133742	1001.431 ng/ml
Clonazepam	5.551	812954	365971.9	35.50	∞	16161	955.939 ng/ml
Clonazolam	5.492	1141729	43236882.0	38.40	159322.5	75407	814.724 ng/ml
Cocaine	4.220	3975052	1513313.5	50.97	100206.9	325792	976.257 ng/ml
Codeine	2.508	447349	27335.4	96.94	∞	18185	996.155 ng/ml
Cyclobenzaprine	5.595	4168627	2687591.6	8.22	∞	118695	1002.740 ng/ml
Dextromethorphan	5.213	2186986	261862.1	72.07	606679.9	96839	1004.355 ng/ml
Dextrorphan	4.065	3388875	17492089.8	45.05	176542.2	157810	1013.022 ng/ml
Diazepam	5.906	1729124	∞	86.94	42806.6	75407	993.102 ng/ml
Dihydrocodeine	2.442	1250584	3766.7	63.14	1997.7	100412	749.426 ng/ml
Diphenhydramine	5.255	12270660	310164.5	30.16	53830.5	507347	1065.577 ng/ml
DMT	2.739	774960	643.7	124.76	61456.2	40660	1004.190 ng/ml
Doxylamine	4.507	14939283	110794.6	96.03	355054.3	498946	951.512 ng/ml
Duloxetine	5.620	355608	2017.7	12.22	411.1	10370	978.227 ng/ml
EDDP	5.207	6449072	691294.9	41.38	185245.9	290210	1023.510 ng/ml
Etizolam	5.769	263951	101568.9	409.93	∞	75407	935.775 ng/ml
Fentanyl	5.103	485067	34695.5	125.03	2800188.3	169828	113.416 ng/ml
Flualprazolam	5.655	671303	3752.8	91.65	13921.6	61250	911.390 ng/ml
Fluorofentanyl	5.154	469689	401121.2	117.68	13359.2	2798	102.238 ng/ml
Hydrocodone	2.956	1883274	∞	38.13	∞	110834	911.062 ng/ml
Hydromorphone	1.527	1908113	3956.0	74.78	4408.9	57255	994.894 ng/ml

AM #28 Multi-Drug Quant. Results

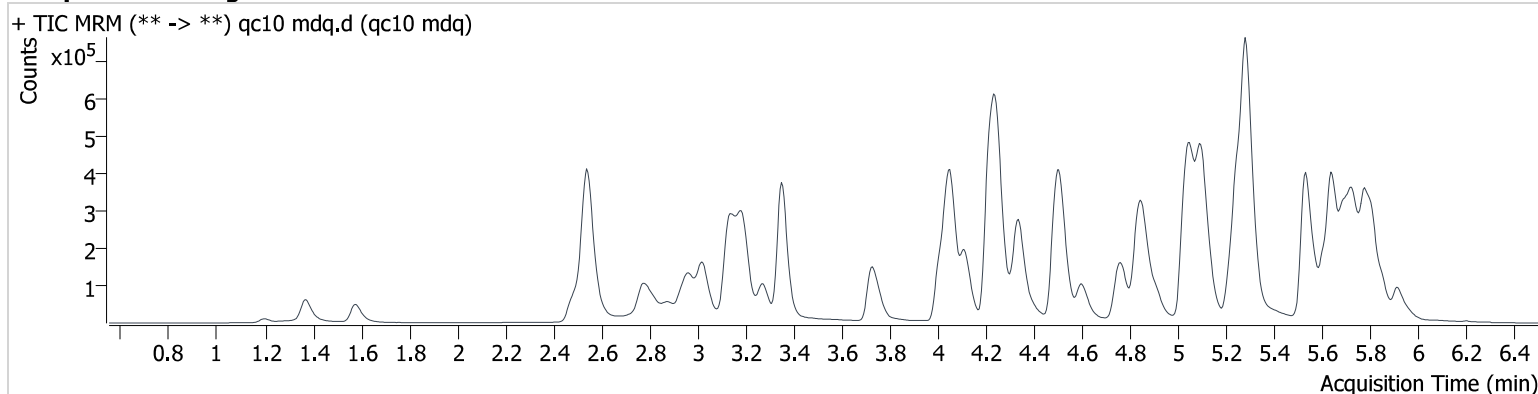
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.696	2682530	3423.1	116.72	68503.8	359097	924.092 ng/ml
Ketamine	4.035	3106806	1436770.3	37.06	16347.1	138874	961.411 ng/ml
Lamotrigine	4.244	223593	96466.6	97.25	∞	109669	892.859 ng/ml
Lorazepam	5.697	249814	∞	51.59	4575.4	23767	823.415 ng/ml
MDA	3.101	2845739	121043.1	29.02	34356.0	109669	700.401 ng/ml
MDMA	3.213	3601111	459421.5	105.41	356986.2	40660	922.350 ng/ml
Meprobamate	4.829	1261443	33842.5	30.88	3431.6	43050	853.100 ng/ml
Methadone	5.625	8707488	17624498.3	48.90	41195.9	289294	998.092 ng/ml
Methamphetamine	3.132	8483733	94394.5	37.60	1491730.6	503661	820.855 ng/ml
Metoprolol	4.278	821690	1840216.1	95.47	∞	419597	922.700 ng/ml
Mirtazapine	4.667	7994385	5667342.9	47.99	258971.4	40660	941.957 ng/ml
Mitragynine	5.235	1015453	2754123.9	32.37	640273.8	109669	905.010 ng/ml
Morphine	1.156	264869	451803.6	18.53	3319.9	3974	952.382 ng/ml
Norbuprenorphine	4.947	37741	∞	101.52	227429.2	5902	96.839 ng/ml
Nordiazepam	5.845	1059148	∞	61.10	38550.4	33575	1029.166 ng/ml
Norfentanyl	4.025	61482	∞	256.69	5041.6	227716	82.822 ng/ml
Noroxycodone	2.813	1209389	21728.8	48.47	10810.0	35932	1065.433 ng/ml
O-desmethyl-tramadol	3.299	10453817	427302.2	6.01	200749.2	441270	974.304 ng/ml
O-Desmethylvenlafaxine	4.008	2309930	10637.3	243.21	15287.9	84103	971.826 ng/ml
Olanzapine	4.640	2936728	4953.5	48.64	37728.5	90164	834.898 ng/ml
Oxazepam	5.704	561644	77977.4	73.35	21134.8	23767	991.468 ng/ml
Oxycodone	2.746	3788989	∞	29.81	8221.4	151608	870.122 ng/ml
Phentermine	3.709	1435173	∞	9.92	16700.3	234495	811.152 ng/ml
Promethazine	5.516	8046760	4050312.3	35.55	235808.1	359097	1046.859 ng/ml
Pseudoephedrine	2.476	10154891	49823.6	16.63	∞	419597	1012.713 ng/ml
Quetiapine	5.570	3573256	1227093.4	66.48	20145092.8	56505	952.454 ng/ml
Sertraline	5.745	1082082	851007.8	99.68	1687916.2	41100	1029.591 ng/ml
Temazepam	5.776	2532511	1187836.1	28.73	19810.6	106668	1022.819 ng/ml
Tramadol	4.187	9996488	∞	3.19	8001.7	436214	935.140 ng/ml
Trazodone	5.309	6999696	∞	71.17	∞	154517	1399.094 ng/ml
Venlafaxine	4.991	8195657	92495.6	41.91	71142.7	370972	1063.865 ng/ml
Zolpidem	5.052	9070147	∞	28.23	862125.0	408204	872.862 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A6	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 10:35:42 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylecgonine	3.853	2960	3131.8	37.17	125.7	9715	9.984 ng/ml

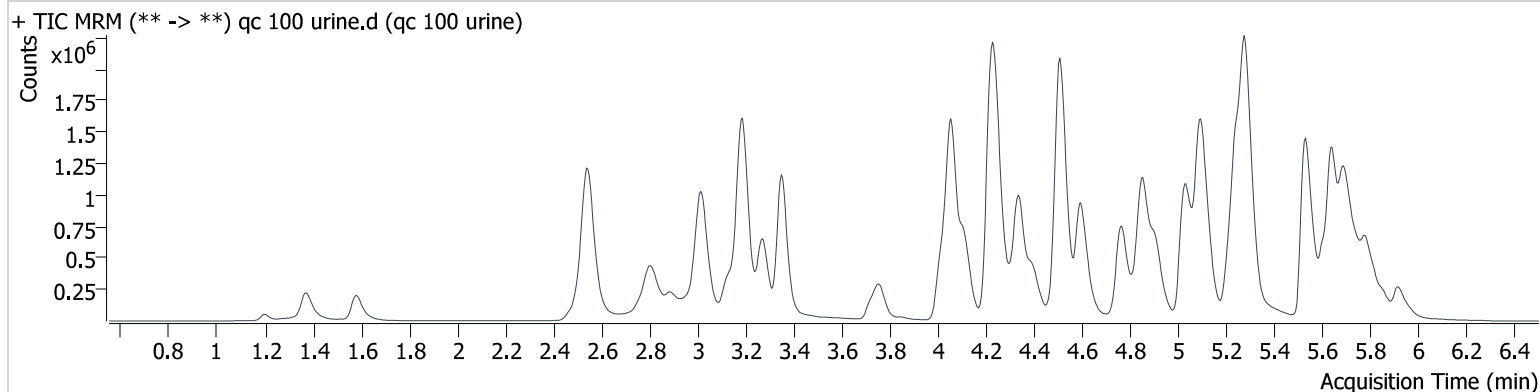
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	qc 100 urine.d
Type	Sample	Sample	qc 100 urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E6	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 10:44:44 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylecgonine	3.853	33441	2432.8	42.93	650.0	11514	104.718 ng/ml

Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 10:53:47 AM		
Sample Info.			

Sample Chromatogram



wrong sample location injected.

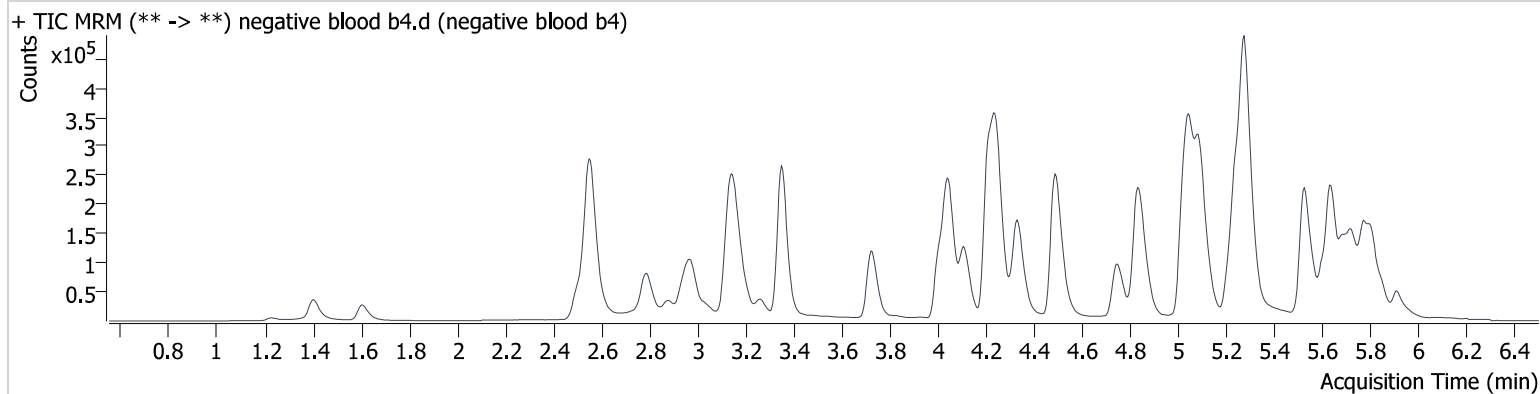
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	negative blood b4.d
Type	Sample	Sample	negative blood b4
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B4	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 12:08:19 PM		
Sample Info.			

Sample Chromatogram



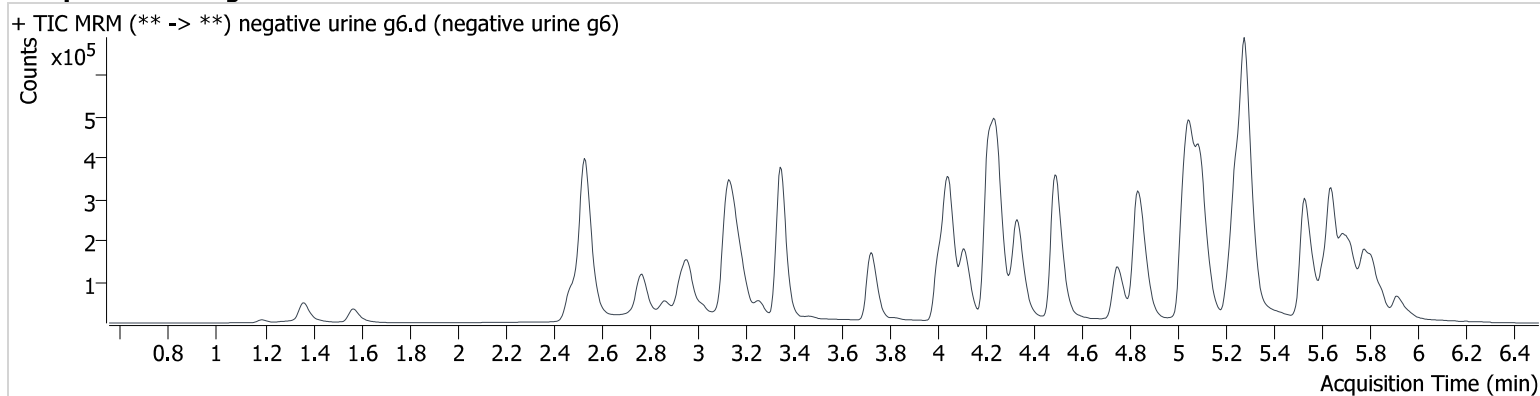
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	negative urine g6.d
Type	Sample	Sample	negative urine g6
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-G6	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 11:02:49 AM		
Sample Info.			

Sample Chromatogram



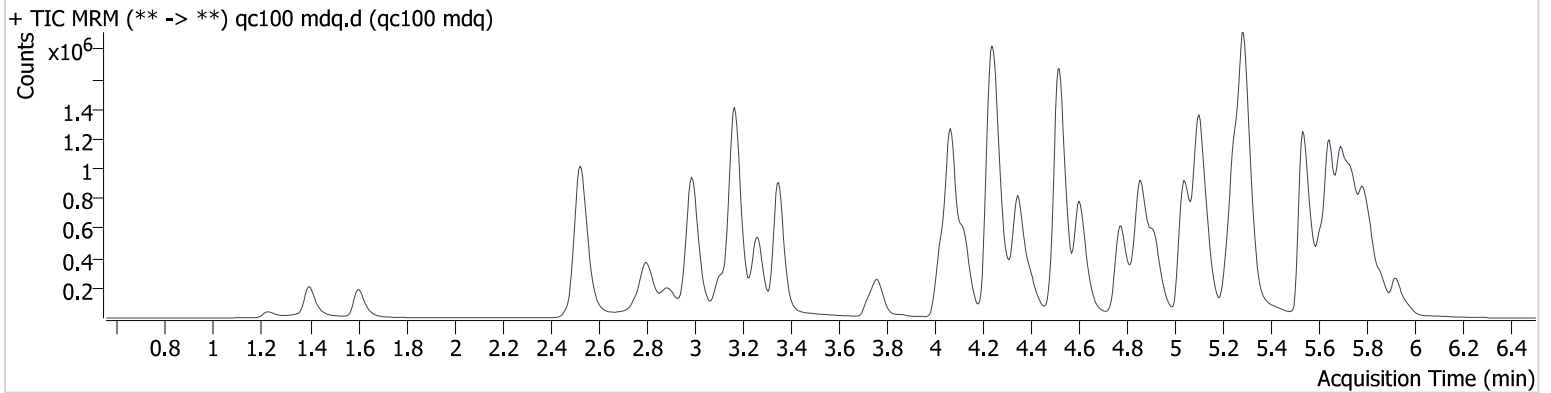
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B6	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 12:48:30 PM		
Sample Info.			

Sample Chromatogram



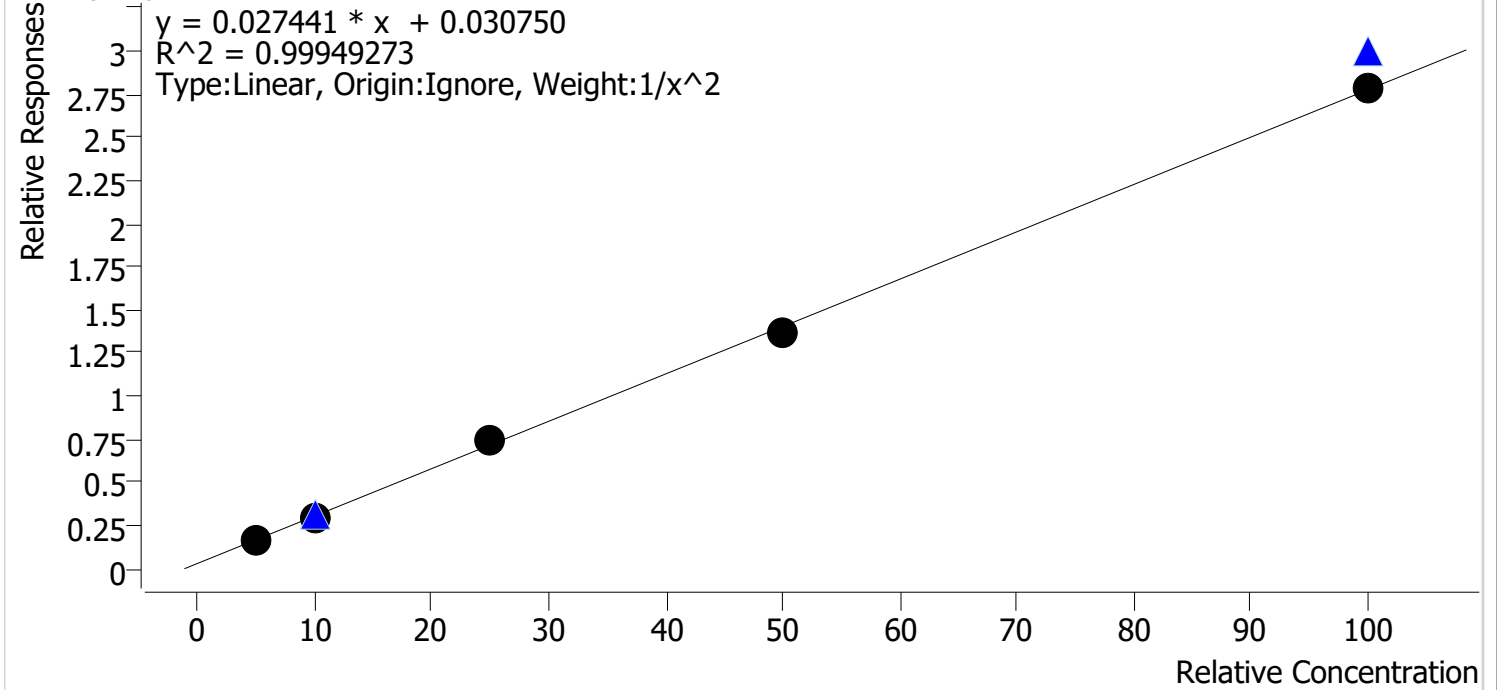
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylcgonine	3.858	23791	2582.3	41.67	369.2	7943	108.025 ng/ml

Re-injection with new column on 12/8/22 evaluated benzoylcgonine only.

Compound Calibration Report

Batch results	D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin		
Last Cal. Update	12/8/2022 1:04 PM		
Analyst Name	ISP\datastor		
Analyte	Benzoylecgonine	Internal Standard	Benzoylecgonine-d8

Benzoylecgonine - 5 Levels, 5 Levels Used, 5 Points, 5 Points Used, 2 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	25.7	102.6
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	100.2	100.2

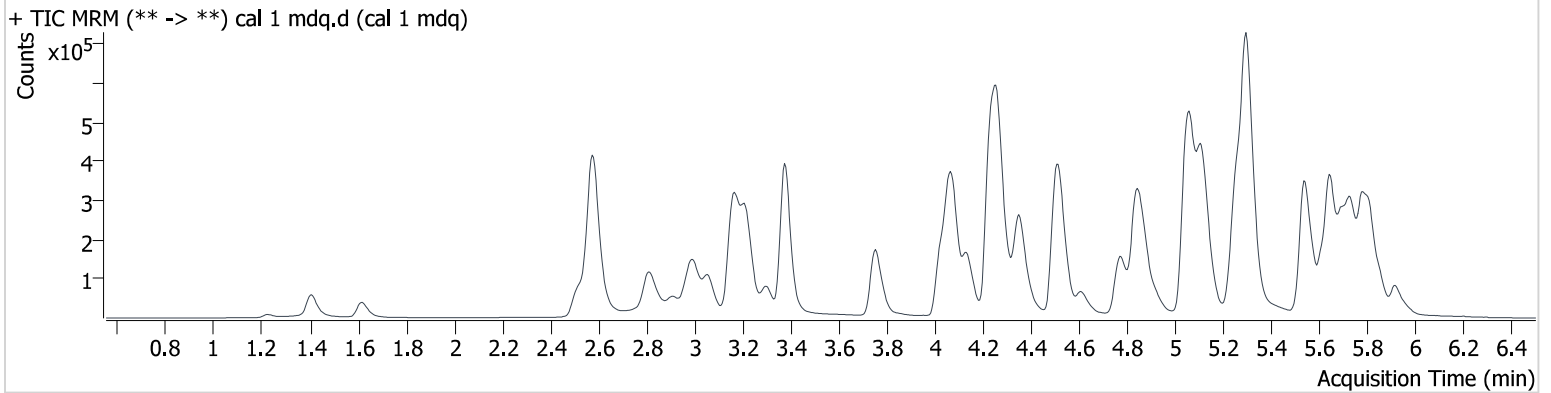
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	cal 1 mdq.d
Type	Cal	Sample	cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A5	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 9:50:27 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylecgonine	3.879	1787	1096.4	35.61	294.0	10621	5.009 ng/ml

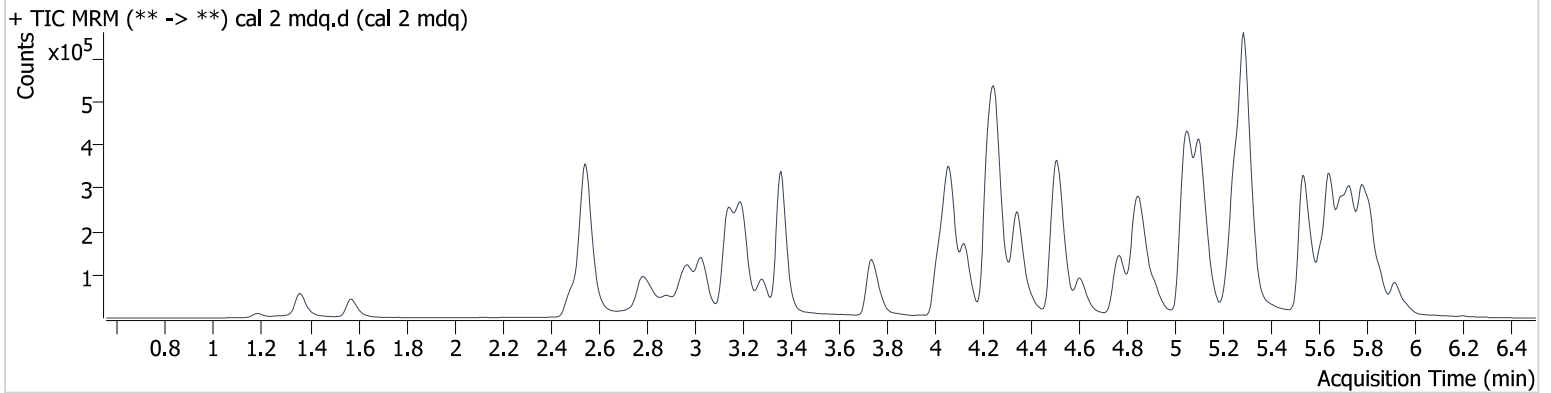
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B5	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 9:59:32 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylecgonine	3.863	2779	2161.3	37.55	189.2	9192	9.896 ng/ml

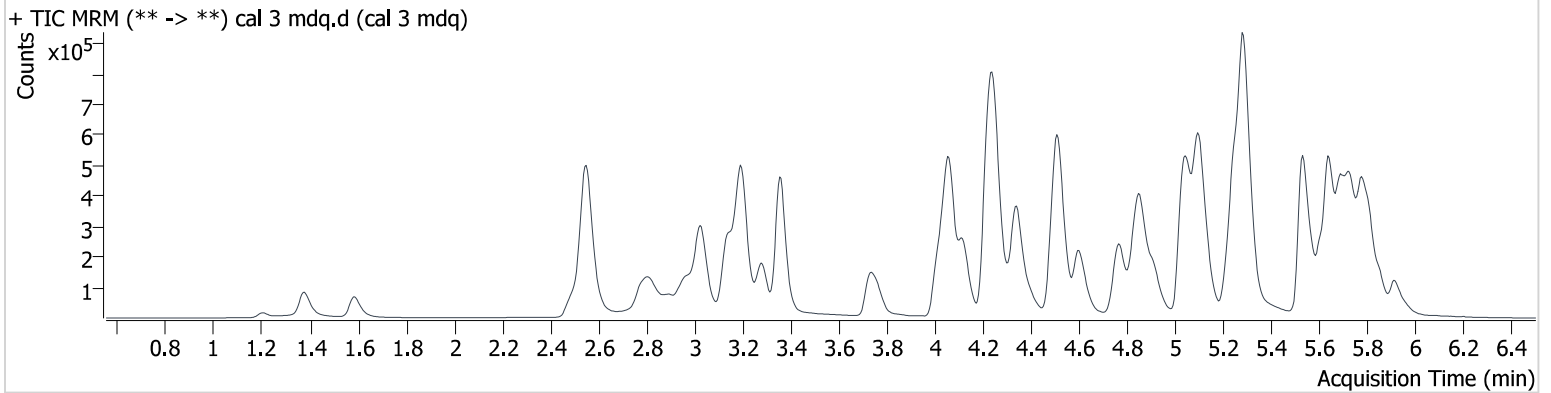
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C5	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 10:08:35 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylecgonine	3.858	6674	1372.3	38.57	273.9	9083	25.654 ng/ml

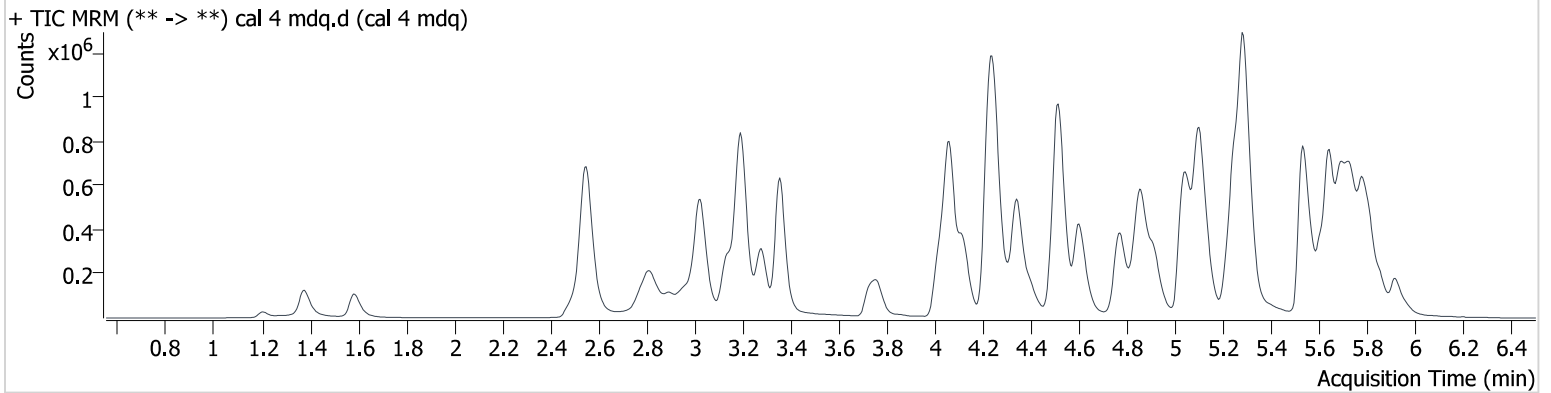
Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D5	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 10:17:37 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylcegonine	3.853	12497	34037.6	42.06	1568.5	9086	48.998 ng/ml

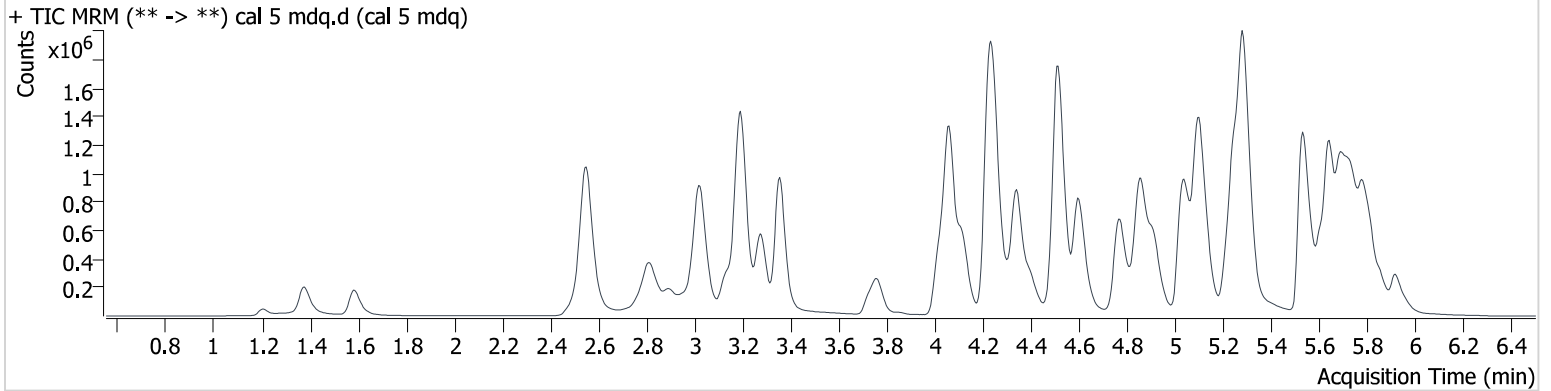
Re-injection with new column on 12/8/22 evaluated benzoylcegonine only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\120622 new column\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2022 1:04:33 PM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E5	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2022 10:26:39 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Benzoylecgonine	3.853	25494	77602.2	41.16	1125.5	9165	100.243 ng/ml

Re-injection with new column on 12/8/22 evaluated benzoylecgonine only.